

**STUDIES OF THE SAN FRANCISCO BAY, CALIFORNIA, ESTUARINE ECOSYSTEM. PILOT
REGIONAL MONITORING PROGRAM RESULTS, 1994**

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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 November 1994. Conductivity, temperature, light attenuation, turbidity, oxygen, and *in-vivo* chlorophyll fluorescence 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 1994 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 1994 pilot program data; an assessment of these data will be presented elsewhere.

Samples were collected throughout San Francisco Bay monthly from January through November. 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 given in table 2. A Sea-Bird Electronics conductivity-temperature-depth (CTD) data acquisition system, Sea Tech *in-situ* fluorometer, 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 fluorescence, 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 composition and abundance of the phytoplankton community 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. We thank Richard Dufford for the phytoplankton identification and enumeration.

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, Sea Tech *in-vivo* fluorometer, SBE-13 oxygen sensor, OBS 3 optical backscatter sensor, and LiCor Instruments 192S quantum sensor. With this instrument package, vertical distributions of conductivity, temperature, depth (pressure), chlorophyll fluorescence, oxygen concentration, turbidity, and solar radiance were measured throughout the water column.

The instrument package was lowered through the water at about 0.5 meters per second. Signals from the conductivity, temperature, pressure, fluorescence, 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 1993 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 from the Sea-Bird 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 fluorescence reported here was about 3 m.

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 the pump which provides this flow is activated only when the salinity exceeds 1 practical salinity unit (PSU). Therefore, oxygen values were not reported when salinity was less than 1 PSU. Dissolved oxygen concentration was calculated with the Sea-Bird 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 2-3 minutes. 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 100-500 mL of water were filtered onto preweighed 0.4 mm pore size polycarbonate membrane filters and allowed to air dry for 48-72 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 fluorescence (FLUOR). The slope (B) and intercept (A) from the regressions were used to calculate chlorophyll *a* concentrations (CALC CHL *a*) from the fluorescence values ($\text{CALC CHL } a = A + B \times \text{FLUOR}$). 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. 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. 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 ($[\text{CALC CHL } a]/[\text{DISCR CHL } a + \text{PHA}]$) 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 a linear regression 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, 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 2-5 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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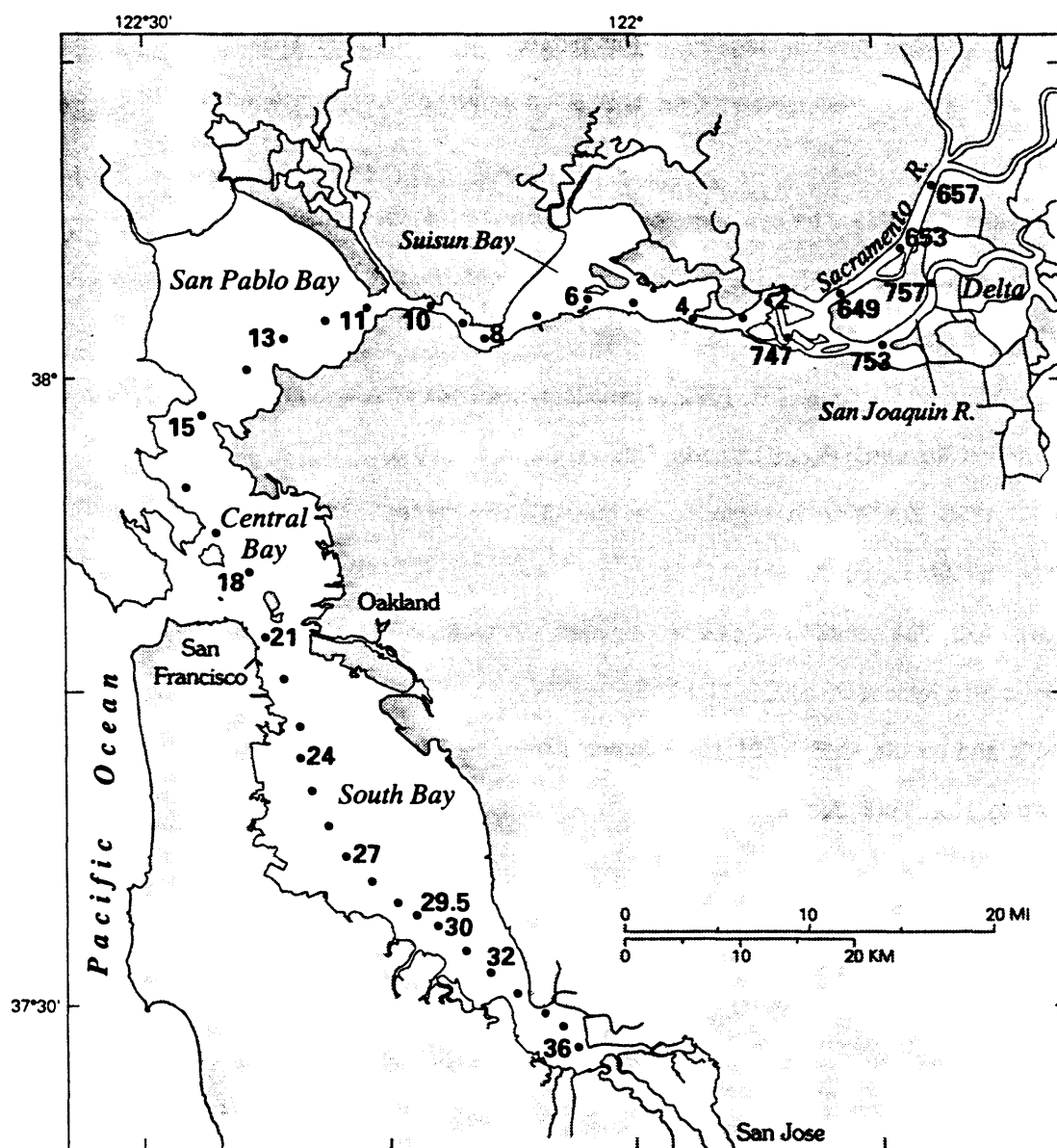


Figure 1 - Map of San Francisco Bay estuary showing locations of water sampling stations (See Table 1 for identification of stations)

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
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
757	Three Mile Slough	38° 5.1'	121° 40.8'	15.2
753	Blind Point	2.1'	42.9	11.0
747	New York Slough	1.8'	49.9'	10.1
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
29.5	Steinberger Slough	34.1'	13.1'	14.6

Table 2 - Dates of Cruises and Stations Occupied in 1994

South Bay

 CTD cast

 No data

DATE		STATION																Other Stations
MONTH	DAY	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	
JAN	18																	
FEB	2																	
	17																	
	25																	
MAR	4																	
	9																	
	16																	
	29																	
APR	6																	
	12																	
	15																	
	19																	
	27																	
MAY	4																	
	17																	
JUN	15																	
JUL	28																	
AUG	18																	
	30																	
SEP	27																	
OCT	26																	
NOV	29																	

North Bay

DATE		STATION																			
MONTH	DAY	657	653	649	2	3	4	6	6	7	8	9	10	11	12	13	14	16	16	18	Other Stations
JAN	18																				
FEB	16-17																				767,763,747
MAR	16-17																				767,763,747,6
APR	19-20																				4.1,6.1,8.1,747,763,767
MAY	17-18																				767,763,747
JUN	15-16																				767,763,747
JUL	28-29																				767,763,747
AUG	30-31																				28.5,767,763,747,4.1,6.1,8.1
SEP	27-28																				767,763,747
OCT	26-27																				767,763,747
NOV	29-30																				767,763,747,

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
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/ a+PHA	FLUOR	CALC	DISCR	CALC	OXYG	% OXY	DISCR	CALC	SPM	EXCOF	SALIN	TEMP	SIGT
657.0	1738	1.0			0.52	1.0						0.05	8.9		0.09	8.98	0.00
657.0	1738	2.0	1.0	0.51	0.52	1.0	11.2				7.7	0.05	8.6		0.09	8.98	0.00
657.0	1738	3.0			0.53	1.0						0.05	8.8		0.09	8.99	0.00
657.0	1738	4.0			0.52	1.0						0.05	8.9		0.09	8.98	0.00
657.0	1738	5.0			0.53	1.0						0.05	8.8		0.09	8.99	0.00
657.0	1738	6.0			0.54	1.0						0.05	8.8		0.09	8.99	0.00
657.0	1738	7.0			0.53	1.0						0.05	8.8		0.09	8.99	0.00
657.0	1738	8.0			0.52	1.0						0.05	8.9		0.09	8.99	0.00
657.0	1738	9.0			0.52	1.0						0.05	8.9		0.09	8.99	0.00
657.0	1738	10.0			0.52	1.0						0.06	9.2		0.09	8.99	0.00
657.0	1738	11.0	1.0	0.49	0.52	1.0						0.06	9.4		0.09	8.99	0.00
653.0	1712	1.0			0.56	1.1						0.08	10.3	1.0	0.11	8.99	0.00
653.0	1712	2.0			0.55	1.1						0.08	10.4		0.11	8.98	0.00
653.0	1712	3.0			0.53	1.0						0.08	10.4		0.11	8.98	0.00
653.0	1712	4.0			0.53	1.0						0.08	10.5		0.11	8.98	0.00
653.0	1712	5.0			0.53	1.0						0.08	10.5		0.11	8.97	0.00
653.0	1712	6.0			0.54	1.0						0.08	10.6		0.11	8.96	0.00
653.0	1712	7.0			0.53	1.0						0.08	10.7		0.12	8.96	0.00
653.0	1712	8.0			0.53	1.0						0.09	11.2		0.11	8.96	0.00
649.0	1644	1.0			0.54	1.0						0.15	14.6	1.4	0.20	8.88	0.00
649.0	1644	2.0	0.9	0.51	0.54	1.0	10.9				15.3	0.17	15.4		0.21	8.86	0.00
649.0	1644	3.0			0.53	1.0						0.20	17.1		0.23	8.87	0.00
649.0	1644	4.0			0.53	1.0						0.22	18.6		0.24	8.88	0.00
649.0	1644	5.0			0.54	1.1						0.24	19.7		0.29	8.91	0.02
649.0	1644	6.0			0.55	1.1						0.24	19.7		0.37	8.96	0.08
649.0	1644	7.0			0.56	1.1						0.22	18.6		0.47	8.99	0.15
649.0	1644	8.0			0.57	1.1						0.22	18.6		0.50	9.04	0.18
649.0	1644	9.0			0.57	1.1						0.21	18.0		0.59	9.15	0.23
649.0	1644	10.0	0.6	0.29	0.57	1.1						0.20	17.2		0.70	9.27	0.32

North San Francisco Bay JANUARY 18, 1994 94018

STN	TIME	DEPTH	DISCR	CHL a/	FLUOR	CHL a	DISCR	CHL a	OXYG	OXYG	CALC	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
2.0	1625	1.0			0.57	1.1								0.17	15.4	1.6	0.68	9.05	0.31
2.0	1625	2.0			0.56	1.1								0.16	15.2		0.71	9.07	0.34
2.0	1625	3.0			0.57	1.1								0.17	15.7		0.84	9.14	0.44
2.0	1625	4.0			0.58	1.1								0.17	15.5		0.93	9.16	0.50
2.0	1625	5.0			0.59	1.1								0.18	16.0		0.97	9.18	0.53
2.0	1625	6.0			0.60	1.2								0.18	16.0		1.01	9.18	0.57
2.0	1625	7.0			0.61	1.2								0.18	16.1		1.08	9.19	0.62
2.0	1625	8.0			0.62	1.2								0.19	16.6		1.15	9.19	0.68
2.0	1625	9.0			0.61	1.2								0.20	17.5		1.22	9.19	0.73
2.0	1625	10.0			0.59	1.1								0.21	17.7		1.52	9.18	0.97
2.0	1625	11.0			0.59	1.1								0.21	18.0		1.95	9.15	1.31
3.0	1609	1.0			0.56	1.1			10.5	10.6		92.6		0.21	18.0	1.7	1.07	9.09	0.62
3.0	1609	2.0		0.7	0.40	1.1		10.9	10.5	10.6		92.6	19.3	0.22	18.3		1.13	9.09	0.67
3.0	1609	3.0			0.56	1.1			10.5	10.6		92.6		0.24	19.3		1.22	9.10	0.74
3.0	1609	4.0			0.57	1.1			10.4	10.5		92.5		0.26	20.8		1.31	9.10	0.81
3.0	1609	5.0			0.58	1.1			10.4	10.5		92.1		0.30	23.1		1.38	9.12	0.86
3.0	1609	6.0			0.59	1.2			10.6	10.7		93.7		0.31	23.5		1.51	9.14	0.96
3.0	1609	7.0			0.60	1.2			10.9	10.9		95.8		0.31	23.4		1.71	9.17	1.11
3.0	1609	8.0			0.60	1.2			10.9	10.9		96.6		0.31	23.7		1.99	9.23	1.33
3.0	1609	9.0			0.59	1.2			10.9	10.9		96.6		0.31	23.7		2.13	9.27	1.43
3.0	1609	10.0			0.57	1.1			10.8	10.9		96.4		0.31	23.7		2.52	9.30	1.74
3.0	1609	11.0		0.6	0.30	1.1			10.8	10.9		96.4		0.31	23.7		2.74	9.26	1.91
4.0	1544	1.0			0.58	1.1			10.8	10.8		95.6		0.24	19.7	1.9	2.09	9.30	1.40
4.0	1544	2.0			0.59	1.1			10.9	10.9		96.3		0.24	19.8		2.18	9.28	1.48
4.0	1544	3.0			0.57	1.1			10.9	10.9		96.7		0.26	20.5		2.29	9.27	1.56
4.0	1544	4.0			0.57	1.1			11.0	11.0		97.1		0.28	21.9		2.34	9.27	1.60
4.0	1544	5.0			0.58	1.1			11.0	11.0		97.3		0.30	22.7		2.43	9.28	1.67
4.0	1544	6.0			0.58	1.1			11.0	11.0		97.2		0.31	23.6		2.58	9.27	1.79
4.0	1544	7.0			0.58	1.1			11.0	11.0		97.2		0.34	25.0		2.65	9.22	1.85
4.0	1544	8.0			0.59	1.1			11.0	11.0		97.1		0.36	26.4		2.67	9.19	1.87

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	1544	9.0			0.59	1.1	11.0	11.0	97.0		0.37	26.7		2.73	9.16	1.91
4.0	1544	10.0			0.58	1.1	11.0	11.0	97.2		0.37	27.1		2.86	9.13	2.02
4.0	1544	11.0			0.59	1.1	11.0	11.0	97.3		0.38	27.6		3.06	9.11	2.18
4.0	1544	12.0			0.59	1.2	11.0	11.0	97.4		0.40	28.3		3.25	9.10	2.33
4.0	1544	13.0			0.60	1.2	11.0	11.0	97.7		0.43	30.4		3.38	9.11	2.43
4.0	1544	14.0			0.61	1.2	11.0	11.0	98.1		0.45	31.5		3.65	9.15	2.64
4.0	1544	15.0			0.63	1.2	11.0	11.0	98.3		0.52	35.6		4.05	9.19	2.95
4.0	1544	16.0			0.63	1.2	10.9	10.9	98.1		0.60	39.8		4.44	9.23	3.25
5.0	1525	1.0			0.55	1.1	11.2	11.1	98.8		0.30	23.0	2.1	3.31	9.23	2.37
5.0	1525	2.0			0.55	1.1	11.2	11.1	98.7		0.30	23.2		3.47	9.16	2.49
5.0	1525	3.0			0.55	1.1	11.1	11.1	98.7		0.33	24.7		3.63	9.13	2.62
5.0	1525	4.0			0.56	1.1	11.2	11.1	98.9		0.37	27.0		3.75	9.11	2.72
5.0	1525	5.0			0.57	1.1	11.2	11.1	98.9		0.41	29.4		3.84	9.10	2.79
5.0	1525	6.0			0.58	1.1	11.2	11.1	99.1		0.44	30.9		3.90	9.10	2.84
5.0	1525	7.0			0.59	1.1	11.2	11.1	99.0		0.47	32.6		3.95	9.10	2.88
5.0	1525	8.0			0.59	1.2	11.2	11.1	99.1		0.48	33.1		4.18	9.09	3.06
5.0	1525	9.0			0.59	1.1	11.1	11.0	99.3		0.53	35.7		5.36	9.08	3.98
5.0	1525	10.0			0.60	1.2	11.0	11.0	99.5		0.62	40.8		6.35	9.08	4.76
5.0	1525	11.0			0.64	1.3	11.0	11.0	99.5		0.83	52.6		6.93	9.09	5.20
5.0	1525	12.0			0.64	1.3	10.9	10.9	99.7		1.10	68.2		8.24	9.11	6.23
6.0	1459	1.0			0.57	1.1	10.9	10.9	98.3		0.51	34.9	3.0	5.72	9.19	4.25
6.0	1459	2.0	0.7	0.39	0.57	1.1	10.9	10.9	98.4	34.3	0.51	34.8		5.70	9.20	4.23
6.0	1459	3.0			0.57	1.1	10.9	10.9	98.5		0.50	34.3		5.63	9.21	4.18
6.0	1459	4.0			0.57	1.1	10.9	10.9	98.3		0.49	33.5		5.64	9.21	4.19
6.0	1459	5.0			0.58	1.1	10.9	10.9	98.2		0.49	33.6		5.76	9.18	4.28
6.0	1459	6.0			0.59	1.2	10.8	10.9	98.3		0.50	34.3		6.09	9.16	4.54
6.0	1459	7.0			0.60	1.2	10.8	10.9	98.4		0.53	35.8		6.28	9.16	4.69
6.0	1459	8.0			0.60	1.2	10.8	10.8	98.4		0.57	38.2		6.50	9.15	4.86
6.0	1459	9.0			0.60	1.2	10.8	10.8	98.3		0.63	41.3		6.92	9.14	5.19
6.0	1459	10.0	0.6	0.25	0.60	1.2	10.7	10.8	98.7		0.66	43.0		8.25	9.12	6.23

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STN	TIME	DEPTH	DISCR		CHL a/ a+PHA	FLUOR	CALC		DISCR		OXYG	OXYG	CALC		% OXY	DISCR		OBS	CALC		EXCOF	SALIN	TEMP	SIGT
			CHL a	CHL a/PHA			CHL a	CHL a/PHA	CHL a	CHL a/PHA			SPM	SPM		SPM	SPM							
7.0	1434	1.0				0.61	1.2				9.9	10.1	93.1		0.39	27.9	2.3	8.05	9.31	6.06				
7.0	1434	2.0				0.59	1.2				10.0	10.2	94.0		0.44	30.9		8.29	9.32	6.24				
7.0	1434	3.0				0.58	1.1				10.0	10.3	94.6		0.47	32.7		8.51	9.29	6.42				
7.0	1434	4.0				0.58	1.1				10.1	10.3	95.2		0.56	37.3		9.00	9.23	6.80				
7.0	1434	5.0				0.60	1.2				10.1	10.3	95.6		0.67	43.6		9.56	9.26	7.24				
7.0	1434	6.0				0.61	1.2				10.1	10.3	95.9		0.67	44.0		10.50	9.24	7.97				
7.0	1434	7.0				0.61	1.2				10.1	10.3	96.0		0.73	47.3		10.74	9.21	8.16				
7.0	1434	8.0				0.62	1.2				10.1	10.3	96.2		0.78	50.0		10.97	9.20	8.34				
7.0	1434	9.0				0.63	1.2				10.1	10.3	96.3		0.83	52.8		11.16	9.21	8.49				
7.0	1434	10.0				0.63	1.2				10.1	10.3	96.5		0.89	56.1		11.34	9.22	8.63				
7.0	1434	11.0				0.64	1.2				10.1	10.3	96.7		0.92	57.9		11.82	9.24	9.00				
7.0	1434	12.0				0.65	1.3				10.1	10.3	96.9		0.95	59.7		12.16	9.25	9.27				
7.0	1434	13.0				0.67	1.3				10.0	10.2	97.0		0.98	61.2		12.68	9.28	9.67				
7.0	1434	14.0				0.69	1.3				10.0	10.2	97.1		1.01	62.7		12.86	9.29	9.81				
7.0	1434	15.0				0.70	1.4				10.0	10.2	96.9		1.12	69.2		12.88	9.29	9.82				
7.0	1434	16.0				0.70	1.4				10.0	10.2	96.9		1.32	80.1		12.89	9.29	9.82				
8.0	1405	1.0				0.66	1.3				10.0	10.3	94.8		0.39	28.2	2.5	8.98	9.24	6.79				
8.0	1405	2.0				0.64	1.3				10.1	10.3	95.5		0.44	31.0		9.36	9.21	7.09				
8.0	1405	3.0				0.61	1.2				10.2	10.4	96.4		0.49	33.6		10.08	9.24	7.64				
8.0	1405	4.0				0.59	1.2				10.2	10.4	97.1		0.55	37.1		11.19	9.29	8.51				
8.0	1405	5.0				0.59	1.2				10.1	10.3	97.2		0.56	37.5		11.65	9.33	8.86				
8.0	1405	6.0				0.60	1.2				10.1	10.3	97.5		0.59	39.0		11.98	9.34	9.12				
8.0	1405	7.0				0.60	1.2				10.1	10.3	97.7		0.59	39.4		12.13	9.35	9.23				
8.0	1405	8.0				0.60	1.2				10.1	10.3	98.0		0.60	39.7		12.81	9.38	9.76				
8.0	1405	9.0				0.59	1.1				10.0	10.2	98.2		0.60	40.0		14.12	9.44	10.77				
8.0	1405	10.0				0.58	1.1				10.0	10.2	98.4		0.66	43.0		14.93	9.47	11.39				
8.0	1405	11.0				0.59	1.2				9.9	10.2	98.4		0.79	50.3		15.52	9.49	11.85				
8.0	1405	12.0				0.60	1.2				9.9	10.2	98.6		0.93	58.2		15.67	9.49	11.97				
8.0	1405	13.0				0.62	1.2				9.9	10.2	98.6		0.97	60.8		15.78	9.50	12.05				
8.0	1405	14.0				0.63	1.2				9.8	10.1	98.6		1.14	70.0		16.17	9.54	12.35				

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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
9.0	1342	1.0			0.60	1.2		9.4	9.8	92.0	0.50	34.4	2.8	11.45	9.36	8.70
9.0	1342	2.0	0.8	0.37	0.59	1.2	10.3	9.5	9.8	92.6	0.52	35.6		11.83	9.31	9.00
9.0	1342	3.0			0.58	1.1		9.5	9.9	93.6	0.56	37.7		12.61	9.30	9.61
9.0	1342	4.0			0.59	1.2		9.6	9.9	94.1	0.63	41.4		12.93	9.32	9.86
9.0	1342	5.0			0.61	1.2		9.6	9.9	94.6	0.72	46.5		13.19	9.35	10.06
9.0	1342	6.0			0.62	1.2		9.6	10.0	94.8	0.81	51.4		13.36	9.38	10.18
9.0	1342	7.0			0.62	1.2		9.6	10.0	94.9	0.84	53.2		13.44	9.40	10.24
9.0	1342	8.0			0.62	1.2		9.6	9.9	95.1	0.84	53.2		13.87	9.40	10.58
9.0	1342	9.0			0.62	1.2		9.6	9.9	95.5	0.90	56.5		14.48	9.44	11.05
9.0	1342	10.0			0.63	1.2		9.6	9.9	95.5	0.95	59.8		14.63	9.45	11.17
9.0	1342	11.0			0.63	1.2		9.6	9.9	95.8	0.97	60.5		14.90	9.49	11.37
9.0	1342	12.0			0.63	1.2		9.6	9.9	96.1	0.99	61.9		15.49	9.53	11.83
9.0	1342	13.0			0.64	1.2		9.5	9.9	96.1	1.06	65.7		15.99	9.56	12.21
9.0	1342	14.0			0.64	1.2		9.5	9.9	96.3	1.12	69.3		16.28	9.58	12.44
9.0	1342	15.0			0.63	1.2		9.5	9.8	96.4	1.10	67.8		16.91	9.60	12.92
9.0	1342	16.0			0.62	1.2		9.5	9.8	96.4	1.13	69.4		17.05	9.62	13.03
9.0	1342	17.0			0.63	1.2		9.4	9.8	96.5	1.12	69.1		17.15	9.63	13.10
9.0	1342	18.0			0.64	1.2		9.4	9.8	96.6	1.15	70.7		17.32	9.65	13.23
9.0	1342	19.0			0.64	1.2		9.4	9.8	96.7	1.16	71.5		17.55	9.67	13.41
9.0	1342	20.0			0.63	1.2		9.4	9.8	96.8	1.19	73.0		17.67	9.69	13.50
9.0	1342	21.0			0.64	1.2		9.4	9.8	96.9	1.23	75.4		17.87	9.71	13.65
9.0	1342	22.0			0.64	1.2		9.4	9.8	97.0	1.25	76.7		18.03	9.73	13.78
9.0	1342	23.0			0.65	1.3		9.4	9.8	97.0	1.28	78.1		18.21	9.74	13.91
9.0	1342	24.0			0.66	1.3		9.4	9.8	97.1	1.31	79.7		18.29	9.75	13.97
9.0	1342	25.0			0.66	1.3		9.4	9.8	97.2	1.34	81.6		18.34	9.77	14.01
9.0	1342	26.0			0.66	1.3		9.4	9.8	97.3	1.41	85.4		18.52	9.79	14.15
9.0	1342	27.0			0.68	1.3		9.4	9.8	97.2	1.49	89.8		18.67	9.80	14.26
9.0	1342	28.0	0.7	0.18	0.68	1.3		9.4	9.8	97.4	1.75	104.3		18.71	9.81	14.29
10.0	1325	1.0			0.57	1.1		10.4	10.5	100.7	0.54	36.5	2.9	14.02	9.42	10.70
10.0	1325	2.0			0.57	1.1		10.4	10.5	100.6	0.57	38.3		13.74	9.44	10.47
10.0	1325	3.0			0.57	1.1		10.4	10.5	100.9	0.56	37.6		13.82	9.43	10.54
10.0	1325	4.0			0.57	1.1		10.4	10.5	101.3	0.55	37.2		14.48	9.46	11.05

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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
10.0	1325	5.0			0.58	1.1		10.3	10.5	101.4	0.61	40.4		15.39	9.53	11.75
10.0	1325	6.0			0.60	1.2		10.3	10.5	101.7	0.70	45.7		16.05	9.56	12.25
10.0	1325	7.0			0.60	1.2		10.2	10.4	101.8	0.83	52.5		16.84	9.63	12.86
10.0	1325	8.0			0.61	1.2		10.2	10.4	101.8	0.91	57.1		17.26	9.66	13.18
10.0	1325	9.0			0.62	1.2		10.1	10.3	101.8	0.97	60.6		17.61	9.70	13.45
10.0	1325	10.0			0.62	1.2		10.1	10.3	102.0	1.03	63.9		18.07	9.75	13.80
10.0	1325	11.0			0.61	1.2		10.0	10.3	101.8	1.07	66.0		18.40	9.78	14.06
10.0	1325	12.0			0.61	1.2		10.0	10.2	101.8	1.09	67.1		18.57	9.78	14.18
10.0	1325	13.0			0.61	1.2		10.0	10.2	101.9	1.09	67.5		18.61	9.79	14.22
10.0	1325	14.0			0.61	1.2		10.0	10.2	101.8	1.10	68.0		18.67	9.80	14.26
10.0	1325	15.0			0.61	1.2		10.0	10.2	101.8	1.11	68.4		18.71	9.80	14.30
10.0	1325	16.0			0.62	1.2		10.0	10.2	102.0	1.12	69.1		18.76	9.81	14.33
10.0	1325	17.0			0.63	1.2		10.0	10.2	101.9	1.14	70.3		18.86	9.83	14.41
10.0	1325	18.0			0.63	1.2		10.0	10.2	101.9	1.17	71.7		19.13	9.85	14.62
11.0	1242	1.0			0.55	1.1		9.8	10.1	100.3	0.70	45.6	3.4	18.64	9.90	14.23
11.0	1242	2.0			0.55	1.1		9.8	10.1	100.5	0.72	46.6		18.85	9.88	14.39
11.0	1242	3.0			0.56	1.1		9.8	10.1	100.7	0.73	47.1		19.36	9.89	14.78
11.0	1242	4.0			0.57	1.1		9.7	10.0	100.8	0.79	50.2		19.81	9.93	15.13
11.0	1242	5.0			0.58	1.1		9.7	10.0	100.8	0.82	52.5		19.95	9.94	15.24
11.0	1242	6.0			0.59	1.1		9.7	10.0	100.8	0.86	54.4		20.10	9.95	15.35
11.0	1242	7.0			0.60	1.2		9.7	10.0	100.9	0.89	56.4		20.12	9.95	15.37
11.0	1242	8.0			0.60	1.2		9.7	10.0	100.9	0.93	58.2		20.16	9.95	15.40
11.0	1242	9.0			0.60	1.2		9.7	10.0	101.0	0.94	58.7		20.23	9.96	15.45
11.0	1242	10.0			0.61	1.2		9.7	10.0	101.4	0.97	60.6		20.46	9.99	15.63
11.0	1242	11.0			0.61	1.2		9.7	10.0	101.4	0.99	61.7		20.92	10.04	15.98
11.0	1242	12.0			0.62	1.2		9.6	10.0	101.3	1.03	63.9		21.09	10.06	16.11
11.0	1242	13.0			0.62	1.2		9.6	10.0	101.3	1.11	68.6		21.21	10.08	16.20
11.0	1242	14.0			0.62	1.2		9.6	10.0	101.4	1.14	70.1		21.35	10.09	16.31
11.0	1242	15.0			0.62	1.2		9.6	10.0	101.4	1.14	70.4		21.39	10.09	16.34
11.0	1242	16.0			0.62	1.2		9.6	9.9	101.3	1.17	71.8		21.43	10.10	16.36
11.0	1242	17.0			0.62	1.2		9.6	9.9	101.3	1.18	72.7		21.47	10.10	16.39

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CHL a	OXYG	% OXY	DISCR	OBS	CALC	EXCOF	SALIN	TEMP	SIGT
12.0	1218	1.0			0.52	1.0		9.9	10.1	102.1		0.57	38.1	3.2	19.84	10.02	15.14
12.0	1218	2.0			0.53	1.0		9.9	10.1	102.4		0.59	39.4		20.20	10.02	15.42
12.0	1218	3.0			0.53	1.0		9.8	10.1	102.6		0.65	42.9		21.15	10.09	16.15
12.0	1218	4.0			0.53	1.0		9.8	10.1	103.0		0.75	48.2		21.80	10.14	16.65
12.0	1218	5.0			0.54	1.0		9.7	10.0	102.9		0.83	52.9		22.60	10.22	17.26
12.0	1218	6.0			0.54	1.0		9.6	10.0	103.1		0.89	56.4		23.06	10.27	17.61
12.0	1218	7.0			0.53	1.0		9.6	9.9	103.1		0.90	57.0		23.55	10.34	17.98
12.0	1218	8.0			0.52	1.0		9.5	9.9	103.1		0.86	54.3		23.92	10.40	18.26
12.0	1218	9.0			0.52	1.0		9.5	9.8	103.0		0.83	52.7		24.33	10.45	18.57
13.0	1131	1.0			0.44	0.8		9.6	10.0	102.6		0.35	25.6	2.2	22.54	10.27	17.20
13.0	1131	2.0	0.6	0.37	0.44	0.9	9.5	9.6	9.9	102.7	25.2	0.34	25.3		22.76	10.29	17.37
13.0	1131	3.0			0.44	0.8		9.6	10.0	102.8		0.34	25.0		22.75	10.28	17.35
13.0	1131	4.0			0.43	0.8		9.7	10.0	103.6		0.34	25.2		22.88	10.28	17.47
13.0	1131	5.0			0.42	0.8		9.5	9.9	103.8		0.34	25.4		24.89	10.47	19.00
13.0	1131	6.0			0.42	0.8		9.4	9.8	103.5		0.33	24.5		25.63	10.54	19.56
13.0	1131	7.0			0.42	0.8		9.4	9.8	103.5		0.31	23.4		25.66	10.55	19.58
13.0	1131	8.0			0.43	0.8		9.4	9.8	103.5		0.31	23.7		25.83	10.58	19.71
13.0	1131	9.0			0.44	0.8		9.3	9.7	103.5		0.38	27.6		26.13	10.62	19.94
13.0	1131	10.0	0.5	0.25	0.43	0.8		9.3	9.7	103.3		0.46	31.7		26.14	10.62	19.95
14.0	1110	1.0			0.46	0.9		9.4	9.8	102.5		0.47	32.7	2.5	24.19	10.43	18.47
14.0	1110	2.0			0.46	0.9		9.5	9.8	102.6		0.48	33.3		23.89	10.42	18.23
14.0	1110	3.0			0.47	0.9		9.5	9.9	102.8		0.49	33.4		23.87	10.42	18.22
14.0	1110	4.0			0.45	0.9		9.5	9.8	103.5		0.49	33.6		24.98	10.46	19.07
14.0	1110	5.0			0.41	0.8		9.4	9.8	103.8		0.46	32.2		25.92	10.56	19.79
14.0	1110	6.0			0.39	0.7		9.3	9.7	103.4		0.34	25.1		26.47	10.69	20.19
14.0	1110	7.0			0.40	0.8		9.3	9.7	103.4		0.28	21.9		26.53	10.70	20.24
14.0	1110	8.0			0.42	0.8		9.2	9.7	103.2		0.27	21.5		26.57	10.71	20.27
14.0	1110	9.0			0.42	0.8		9.2	9.7	103.2		0.32	24.1		26.58	10.71	20.27
14.0	1110	10.0			0.42	0.8		9.2	9.7	103.1		0.34	24.9		26.57	10.71	20.27
14.0	1110	11.0			0.43	0.8		9.2	9.7	103.1		0.34	25.5		26.60	10.72	20.29

North San Francisco Bay JANUARY 18, 1994 94018

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CALC	OXYG	% OXY	DISCR	OBS	CALC	EXCOF	SALIN	TEMP	SIGT
			CHL a			CHL a	OXYG	OXYG	OXYG	SAT	SPM		SPM				
14.0	1110	12.0			0.45	0.9	9.2	9.7	103.1			0.38	27.6		26.61	10.72	20.30
14.0	1110	13.0			0.46	0.9	9.2	9.6	103.1			0.40	28.5		26.61	10.72	20.30
14.0	1110	14.0			0.45	0.9	9.2	9.6	102.9			0.42	29.6		26.61	10.72	20.30
15.0	1044	1.0			0.42	0.8	9.2	9.7	99.8			0.15	14.7	1.4	23.04	10.19	17.60
15.0	1044	2.0	0.7	0.49	0.42	0.8	9.5	9.7	99.8		15.7	0.16	14.8		23.04	10.18	17.61
15.0	1044	3.0			0.42	0.8	9.2	9.7	99.8			0.16	14.8		23.01	10.18	17.58
15.0	1044	4.0			0.42	0.8	9.2	9.7	99.7			0.15	14.7		23.02	10.19	17.59
15.0	1044	5.0			0.43	0.8	9.2	9.7	99.7			0.15	14.6		23.20	10.15	17.73
15.0	1044	6.0			0.43	0.8	9.2	9.6	99.7			0.15	14.6		23.36	10.14	17.86
15.0	1044	7.0			0.42	0.8	9.2	9.6	99.7			0.16	15.2		23.47	10.14	17.94
15.0	1044	8.0			0.42	0.8	9.2	9.6	99.7			0.18	16.0		23.57	10.15	18.02
15.0	1044	9.0			0.42	0.8	9.2	9.7	100.0			0.21	17.7		23.65	10.17	18.08
15.0	1044	10.0			0.43	0.8	9.2	9.6	100.0			0.21	17.9		23.96	10.23	18.32
15.0	1044	11.0			0.43	0.8	9.1	9.6	100.0			0.20	17.3		24.18	10.24	18.48
15.0	1044	12.0			0.44	0.8	9.2	9.6	100.1			0.23	19.1		24.35	10.26	18.61
15.0	1044	13.0			0.44	0.8	9.2	9.6	100.5			0.25	19.8		24.48	10.28	18.71
15.0	1044	14.0			0.43	0.8	9.1	9.6	100.6			0.24	19.5		24.88	10.36	19.01
15.0	1044	15.0			0.43	0.8	9.0	9.5	100.3			0.31	23.5		25.40	10.43	19.40
15.0	1044	16.0			0.42	0.8	9.1	9.6	100.8			0.31	23.6		25.26	10.42	19.30
15.0	1044	17.0			0.43	0.8	9.0	9.5	100.5			0.36	26.4		25.92	10.54	19.79
15.0	1044	18.0			0.44	0.9	9.1	9.5	101.1			0.39	27.9		25.91	10.53	19.78
15.0	1044	19.0			0.46	0.9	9.0	9.5	100.9			0.49	33.4		26.48	10.69	20.20
15.0	1044	20.0			0.46	0.9	8.9	9.4	100.6			0.54	36.2		26.62	10.69	20.31
15.0	1044	21.0			0.46	0.9	8.9	9.4	100.8			0.52	35.4		26.56	10.68	20.27
15.0	1044	22.0			0.44	0.9	8.9	9.4	101.1			0.47	32.7		26.77	10.75	20.42
15.0	1044	23.0			0.45	0.9	8.9	9.4	100.9			0.43	30.1		27.08	10.80	20.65
15.0	1044	24.0	0.5	0.32	0.45	0.9	8.9	9.4	100.7			0.47	32.5		27.08	10.79	20.65
16.0	1004	1.0			0.43	0.8	8.6	9.2	97.4			0.20	17.3	1.5	26.42	10.57	20.17
16.0	1004	2.0			0.43	0.8	8.6	9.2	97.6			0.20	17.1		26.32	10.56	20.10
16.0	1004	3.0			0.42	0.8	8.7	9.2	98.5			0.19	17.0		26.52	10.61	20.25
16.0	1004	4.0			0.40	0.8	8.6	9.2	98.7			0.22	18.2		27.50	10.81	20.98
16.0	1004	5.0			0.40	0.8	8.5	9.1	98.5			0.21	17.9		27.88	10.89	21.25

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CHL a	CALC	DISCR	OXYG	OXYG	CALC	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
16.0	1004	6.0			0.40	0.8	0.8		8.5	9.1	98.4			0.23	18.8		28.05	10.93	21.38
16.0	1004	7.0			0.41	0.8	0.8		8.5	9.1	98.5			0.24	19.5		28.17	10.95	21.47
16.0	1004	8.0			0.43	0.8	0.8		8.4	9.1	98.4			0.26	20.5		28.30	10.98	21.57
16.0	1004	9.0			0.46	0.9	0.9		8.4	9.1	98.6			0.27	21.4		28.38	10.99	21.62
16.0	1004	10.0			0.47	0.9	0.9		8.4	9.1	98.6			0.28	22.1		28.49	11.01	21.71
16.0	1004	11.0			0.47	0.9	0.9		8.4	9.0	98.6			0.29	22.7		28.60	11.04	21.79
16.0	1004	12.0			0.47	0.9	0.9		8.4	9.0	98.6			0.30	22.8		28.70	11.06	21.87
18.0	0911	1.0			0.44	0.9	0.9		8.3	9.0	98.3			0.07	9.9	0.9	29.16	11.00	22.23
18.0	0911	2.0	1.0	0.58	0.45	0.9	0.9	9.0	8.3	9.0	98.4		9.5	0.07	9.8		29.35	11.03	22.38
18.0	0911	3.0			0.43	0.8	0.8		8.3	9.0	98.3			0.06	9.5		29.43	11.05	22.44
18.0	0911	4.0			0.43	0.8	0.8		8.3	9.0	98.2			0.06	9.7		29.49	11.06	22.48
18.0	0911	5.0			0.42	0.8	0.8		8.3	9.0	98.2			0.06	9.5		29.50	11.06	22.49
18.0	0911	6.0			0.40	0.8	0.8		8.3	9.0	98.1			0.06	9.7		29.50	11.06	22.49
18.0	0911	7.0			0.40	0.8	0.8		8.3	9.0	98.1			0.06	9.5		29.50	11.06	22.49
18.0	0911	8.0			0.40	0.8	0.8		8.3	9.0	98.1			0.06	9.5		29.50	11.06	22.49
18.0	0911	9.0			0.40	0.8	0.8		8.3	9.0	98.2			0.06	9.7		29.50	11.06	22.49
18.0	0911	10.0			0.41	0.8	0.8		8.3	9.0	98.3			0.06	9.6		29.53	11.07	22.51
18.0	0911	11.0			0.43	0.8	0.8		8.3	9.0	98.7			0.06	9.7		29.61	11.09	22.57
18.0	0911	12.0			0.44	0.8	0.8		8.3	9.0	98.8			0.06	9.6		29.91	11.18	22.79
18.0	0911	13.0			0.46	0.9	0.9		8.3	9.0	99.0			0.06	9.6		30.11	11.24	22.93
18.0	0911	14.0			0.49	1.0	1.0		8.2	8.9	98.8			0.07	10.2		30.34	11.31	23.09
18.0	0911	15.0			0.51	1.0	1.0		8.2	8.9	98.7			0.09	11.3		30.37	11.32	23.11
18.0	0911	16.0			0.51	1.0	1.0		8.2	8.9	98.8			0.11	12.2		30.38	11.33	23.12
18.0	0911	17.0			0.51	1.0	1.0		8.2	8.9	98.7			0.12	13.0		30.44	11.35	23.17
18.0	0911	18.0			0.52	1.0	1.0		8.2	8.9	98.7			0.13	13.4		30.45	11.35	23.18
18.0	0911	19.0	1.0	0.34	0.53	1.0	1.0		8.2	8.9	98.6			0.14	13.8		30.45	11.35	23.17
.....																			
														Slope		Inter.		Std. Err.	
														n		r ²			
Fluorometer Calibration:														14		0.274		1.998	
OBS Calibration:														8		0.996		56.272	
Dissolved Oxygen Calibration:														6		0.788		0.744	
																-0.027		0.331	
																6.060		0.682	
																2.800		0.393	

Note: Fluorometer calibration used combined North and South Bay discrete samples
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
36.0	1653	1.0			0.67	1.3		8.8	8.6	92.3			1.2	25.89	11.11	19.67
36.0	1653	2.0	1.0	0.58	0.65	1.3	8.3	8.8	8.6	92.0	12.7	11.9		26.10	10.94	19.87
36.0	1653	3.0			0.63	1.3		8.9	8.6	91.9		13.8		26.28	10.82	20.03
36.0	1653	4.0			0.62	1.3		8.9	8.6	91.9		18.0		26.35	10.79	20.09
36.0	1653	5.0			0.62	1.3		8.9	8.6	91.9		20.8		26.37	10.79	20.10
36.0	1653	6.0			0.62	1.3		8.9	8.6	91.9		21.4		26.37	10.78	20.10
36.0	1653	7.0			0.63	1.3		8.9	8.6	91.9		20.8		26.38	10.78	20.11
36.0	1653	8.0	1.0	0.53	0.63	1.3		8.9	8.6	91.9		20.6		26.39	10.78	20.11
35.0	1645	1.0			0.70	1.3		9.1	8.6	91.8			1.2	26.21	10.77	19.98
35.0	1645	2.0			0.70	1.3		9.1	8.6	91.9		12.4		26.26	10.83	20.00
35.0	1645	3.0			0.66	1.3		9.0	8.6	91.9		12.6		26.51	10.76	20.22
35.0	1645	4.0			0.62	1.3		9.0	8.6	91.9		14.8		26.67	10.69	20.35
35.0	1645	5.0			0.59	1.3		9.0	8.6	91.9		15.7		26.72	10.66	20.39
35.0	1645	6.0			0.58	1.3		9.0	8.6	91.8		17.0		26.76	10.63	20.43
35.0	1645	7.0			0.57	1.3		9.0	8.6	91.8		17.2		26.80	10.62	20.46
35.0	1645	8.0			0.58	1.3		9.0	8.6	91.8		17.4		26.81	10.61	20.47
35.0	1645	9.0			0.58	1.3		9.0	8.6	91.8		17.6		26.81	10.61	20.47
34.0	1634	1.0			0.62	1.3		7.6	8.6	92.0			1.4	26.55	10.87	20.22
34.0	1634	2.0			0.60	1.3		7.6	8.6	91.9		15.8		26.94	10.69	20.56
34.0	1634	3.0			0.59	1.3		7.7	8.6	91.7		21.5		27.15	10.55	20.75
34.0	1634	4.0			0.59	1.3		7.7	8.6	91.7		25.5		27.18	10.54	20.77
34.0	1634	5.0			0.58	1.3		7.8	8.6	91.7		26.9		27.19	10.54	20.78
34.0	1634	6.0			0.58	1.3		7.8	8.6	91.7		28.1		27.20	10.53	20.79
34.0	1634	7.0			0.58	1.3		7.9	8.6	91.7		28.3		27.20	10.53	20.79
34.0	1634	8.0			0.61	1.3		7.9	8.6	91.7		28.8		27.20	10.53	20.79
34.0	1634	9.0			0.61	1.3		7.9	8.6	91.8		29.6		27.21	10.53	20.79
33.0	1620	1.0			0.76	1.3		9.2	8.6	92.6			1.2	26.87	10.98	20.46
33.0	1620	2.0			0.76	1.3		9.1	8.6	92.6		11.6		26.88	10.97	20.47
33.0	1620	3.0			0.75	1.3		9.2	8.6	92.5		11.7		26.93	10.91	20.51
33.0	1620	4.0			0.70	1.3		9.0	8.6	92.7		11.6		27.12	10.98	20.65

South San Francisco Bay JANUARY 19, 1994 94019

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CHL a	OXYG	% OXY	DISCR	OBS	CALC	EXCOF	SALIN	TEMP	SIGT
33.0	1620	5.0			0.65	1.3		9.0	8.6	92.4		0.11	12.2		27.31	10.77	20.83
33.0	1620	6.0			0.63	1.3		9.0	8.6	92.3		0.12	13.1		27.36	10.70	20.88
33.0	1620	7.0			0.62	1.3		9.0	8.6	92.3		0.13	14.0		27.46	10.65	20.97
33.0	1620	8.0			0.61	1.3		9.0	8.6	92.2		0.14	14.7		27.52	10.60	21.03
33.0	1620	9.0			0.62	1.3		9.0	8.6	92.2		0.16	15.4		27.67	10.55	21.15
33.0	1620	10.0			0.63	1.3		9.0	8.6	92.2		0.18	17.0		27.74	10.55	21.21
33.0	1620	11.0			0.64	1.3		9.1	8.6	92.2		0.25	21.6		27.76	10.55	21.22
33.0	1620	12.0			0.64	1.3		9.1	8.6	92.2		0.34	26.7		27.76	10.55	21.22
33.0	1620	13.0			0.64	1.3		9.0	8.6	92.2		0.40	30.5		27.76	10.55	21.22
33.0	1620	14.0			0.64	1.3		9.1	8.6	92.2		0.41	31.2		27.76	10.55	21.22
32.0	1610	1.0			0.67	1.3		9.2	8.6	91.9		0.09	10.9	1.2	27.15	10.56	20.74
32.0	1610	2.0	1.5	0.72	0.65	1.3	8.5	9.2	8.6	92.2	11.7	0.10	12.0		27.25	10.67	20.80
32.0	1610	3.0			0.63	1.3		9.1	8.6	92.4		0.12	12.9		27.41	10.75	20.92
32.0	1610	4.0			0.63	1.3		9.1	8.6	92.3		0.13	13.9		27.53	10.64	21.02
32.0	1610	5.0			0.63	1.3		9.1	8.6	92.3		0.15	15.0		27.61	10.61	21.10
32.0	1610	6.0			0.63	1.3		9.1	8.6	92.3		0.16	15.7		27.74	10.60	21.20
32.0	1610	7.0			0.62	1.3		9.1	8.6	92.3		0.17	16.6		27.90	10.56	21.33
32.0	1610	8.0			0.62	1.3		9.1	8.6	92.3		0.24	20.6		27.93	10.54	21.35
32.0	1610	9.0			0.64	1.3		9.1	8.6	92.3		0.27	22.6		27.94	10.54	21.36
32.0	1610	10.0			0.64	1.3		9.1	8.6	92.3		0.32	25.8		27.95	10.54	21.37
32.0	1610	11.0			0.63	1.3		9.1	8.6	92.3		0.37	28.9		27.95	10.54	21.37
32.0	1610	12.0			0.64	1.3		9.1	8.6	92.3		0.40	30.6		27.96	10.54	21.38
32.0	1610	13.0			0.64	1.3		9.1	8.6	92.3		0.42	31.8		27.96	10.53	21.38
32.0	1610	14.0	1.2	0.58	0.64	1.3		9.1	8.6	92.3		0.45	34.2		27.97	10.54	21.38
31.0	1558	1.0			0.71	1.3		9.2	8.6	92.4		0.08	10.4	1.2	27.35	10.75	20.87
31.0	1558	2.0			0.69	1.3		9.2	8.6	92.3		0.08	10.5		27.54	10.63	21.03
31.0	1558	3.0			0.70	1.3		9.3	8.6	92.4		0.09	11.0		27.68	10.66	21.14
31.0	1558	4.0			0.72	1.3		9.3	8.6	92.7		0.10	11.7		27.76	10.75	21.18
31.0	1558	5.0			0.74	1.3		9.3	8.6	92.8		0.12	12.8		27.79	10.79	21.20
31.0	1558	6.0			0.76	1.3		9.2	8.6	92.9		0.13	13.6		27.81	10.83	21.21
31.0	1558	7.0			0.74	1.3		9.2	8.6	92.6		0.14	14.3		27.96	10.67	21.36

STN	TIME	DEPTH	DISCR	CHL a	CHL a+PHA	FLUOR	CALC	DISCR	CALC	OXYG	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
31.0	1558	8.0				0.67	1.3		9.2	8.6	92.5		0.14	14.3		27.99	10.60	21.39
31.0	1558	9.0				0.63	1.3		9.2	8.6	92.4		0.16	15.3		28.02	10.54	21.42
31.0	1558	10.0				0.60	1.3		9.2	8.6	92.4		0.17	16.3		28.04	10.52	21.44
31.0	1558	11.0				0.59	1.3		9.2	8.6	92.3		0.19	17.6		28.05	10.51	21.45
31.0	1558	12.0				0.59	1.3		9.2	8.6	92.3		0.20	18.5		28.05	10.51	21.45
31.0	1558	13.0				0.60	1.3		9.2	8.6	92.3		0.22	19.2		28.05	10.51	21.45
31.0	1558	14.0				0.61	1.3		9.2	8.6	92.3		0.24	20.5		28.05	10.51	21.45
30.0	1541	1.0				0.66	1.3		9.2	8.6	92.5		0.06	9.5	1.2	27.97	10.61	21.37
30.0	1541	2.0	1.5	0.73		0.62	1.3	8.6	9.1	8.6	92.4	9.0	0.07	9.8		28.01	10.54	21.41
30.0	1541	3.0				0.58	1.3		9.2	8.6	92.3		0.08	10.5		28.07	10.49	21.47
30.0	1541	4.0				0.56	1.3		9.2	8.6	92.3		0.09	11.4		28.16	10.47	21.54
30.0	1541	5.0				0.55	1.3		9.2	8.6	92.3		0.11	12.5		28.18	10.47	21.56
30.0	1541	6.0				0.55	1.3		9.2	8.6	92.3		0.13	13.8		28.22	10.46	21.59
30.0	1541	7.0				0.56	1.3		9.2	8.6	92.4		0.14	14.6		28.25	10.46	21.61
30.0	1541	8.0				0.58	1.3		9.2	8.6	92.4		0.17	16.4		28.27	10.47	21.63
30.0	1541	9.0				0.61	1.3		9.2	8.6	92.4		0.24	20.4		28.28	10.47	21.64
30.0	1541	10.0				0.63	1.3		9.2	8.6	92.4		0.29	23.7		28.28	10.47	21.64
30.0	1541	11.0				0.64	1.3		9.2	8.6	92.4		0.35	27.6		28.28	10.47	21.64
30.0	1541	12.0				0.64	1.3		9.2	8.6	92.4		0.41	31.7		28.28	10.47	21.64
30.0	1541	13.0				0.66	1.3		9.2	8.6	92.4		0.46	34.5		28.28	10.47	21.64
30.0	1541	14.0	1.0	0.57		0.67	1.3		9.2	8.6	92.4		0.52	38.6		28.28	10.47	21.64
29.5	1527	1.0				0.64	1.3		9.0	8.6	92.5		0.08	10.5	1.2	28.13	10.55	21.50
29.5	1527	2.0				0.61	1.3		9.0	8.6	92.3		0.09	11.0		28.14	10.49	21.52
29.5	1527	3.0				0.58	1.3		9.0	8.6	92.3		0.09	11.4		28.16	10.48	21.54
29.5	1527	4.0				0.56	1.3		9.0	8.6	92.3		0.10	11.6		28.18	10.46	21.56
29.5	1527	5.0				0.55	1.3		9.1	8.6	92.3		0.10	11.7		28.21	10.46	21.58
29.5	1527	6.0				0.55	1.3		9.1	8.6	92.4		0.10	12.1		28.24	10.47	21.61
29.5	1527	7.0				0.54	1.3		9.1	8.6	92.4		0.11	12.3		28.29	10.49	21.64
29.5	1527	8.0				0.53	1.3		9.1	8.6	92.4		0.10	12.1		28.32	10.49	21.66
29.5	1527	9.0				0.53	1.3		9.1	8.6	92.4		0.10	11.9		28.34	10.48	21.68
29.5	1527	10.0				0.53	1.3		9.1	8.6	92.4		0.10	12.2		28.36	10.47	21.69

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CHL a	OXYG	CALC	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
29.5	1527	11.0			0.53	1.3			9.1	8.6	92.4		0.11	12.7		28.36	10.47	21.70
29.5	1527	12.0			0.54	1.3			9.1	8.6	92.4		0.13	14.0		28.37	10.47	21.70
29.5	1527	13.0			0.55	1.3			9.1	8.6	92.4		0.16	15.5		28.37	10.47	21.70
29.5	1527	14.0			0.56	1.3			9.1	8.6	92.4		0.18	16.7		28.37	10.47	21.70
29.5	1527	15.0			0.56	1.3			9.1	8.6	92.4		0.18	16.8		28.37	10.47	21.70
29.0	1515	1.0			0.65	1.3			8.4	8.6	92.9		0.07	9.8	1.1	28.33	10.74	21.64
29.0	1515	2.0			0.61	1.3			8.4	8.6	92.6		0.07	9.9		28.39	10.56	21.70
29.0	1515	3.0			0.57	1.3			8.4	8.6	92.5		0.08	10.8		28.39	10.51	21.71
29.0	1515	4.0			0.54	1.3			8.5	8.6	92.4		0.10	11.7		28.39	10.48	21.72
29.0	1515	5.0			0.53	1.3			8.5	8.6	92.4		0.10	11.9		28.39	10.48	21.72
29.0	1515	6.0			0.53	1.3			8.6	8.6	92.4		0.10	11.8		28.39	10.48	21.72
29.0	1515	7.0			0.53	1.3			8.6	8.6	92.4		0.11	12.6		28.40	10.48	21.73
29.0	1515	8.0			0.54	1.3			8.6	8.6	92.4		0.14	14.6		28.40	10.48	21.73
29.0	1515	9.0			0.55	1.3			8.6	8.6	92.4		0.14	14.5		28.41	10.47	21.74
29.0	1515	10.0			0.56	1.3			8.7	8.6	92.4		0.15	15.3		28.41	10.47	21.74
29.0	1515	11.0			0.57	1.3			8.7	8.6	92.4		0.16	15.8		28.41	10.47	21.74
29.0	1515	12.0			0.58	1.3			8.7	8.6	92.4		0.20	18.4		28.42	10.45	21.75
29.0	1515	13.0			0.58	1.3			8.7	8.6	92.4		0.22	19.5		28.42	10.45	21.75
29.0	1515	14.0			0.59	1.3			8.7	8.6	92.4		0.23	19.9		28.42	10.45	21.75
29.0	1515	15.0			0.59	1.3			8.7	8.6	92.4		0.25	21.0		28.42	10.45	21.75
28.0	1500	1.0			0.72	1.3			9.3	8.6	93.4		0.07	9.8	1.1	28.43	10.93	21.68
28.0	1500	2.0			0.71	1.3			9.3	8.6	93.5		0.07	9.9		28.43	10.95	21.67
28.0	1500	3.0			0.69	1.3			9.2	8.6	93.4		0.07	10.2		28.44	10.89	21.69
28.0	1500	4.0			0.66	1.3			9.3	8.6	93.1		0.07	9.9		28.43	10.75	21.71
28.0	1500	5.0			0.63	1.3			9.3	8.6	93.0		0.07	9.8		28.43	10.72	21.71
28.0	1500	6.0			0.62	1.3			9.3	8.6	93.0		0.07	9.9		28.42	10.70	21.71
28.0	1500	7.0			0.61	1.3			9.2	8.6	92.9		0.07	9.9		28.43	10.69	21.72
28.0	1500	8.0			0.58	1.3			9.2	8.6	92.7		0.07	9.8		28.44	10.59	21.74
28.0	1500	9.0			0.56	1.3			9.2	8.6	92.5		0.07	10.2		28.44	10.48	21.76
28.0	1500	10.0			0.55	1.3			9.2	8.6	92.5		0.08	10.5		28.45	10.47	21.77
28.0	1500	11.0			0.53	1.3			9.2	8.6	92.5		0.08	10.8		28.45	10.47	21.77

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CHL a	OXYG	CALC	% OXY	DISCR	OBS	SPM	CALC	EXCOF	SALIN	TEMP	SIGT
28.0	1500	12.0			0.54	1.3			9.3	8.6	92.5		0.09	11.0			28.45	10.48	21.77
28.0	1500	13.0			0.54	1.3			9.3	8.6	92.5		0.09	11.5			28.46	10.49	21.77
28.0	1500	14.0			0.56	1.3			9.2	8.6	92.5		0.10	11.6			28.46	10.49	21.77
28.0	1500	15.0			0.56	1.3			9.2	8.6	92.6		0.10	11.7			28.46	10.49	21.77
28.0	1500	16.0			0.55	1.3			9.2	8.6	92.6		0.12	13.3			28.46	10.49	21.77
27.0	1447	1.0			0.66	1.3			8.9	8.6	94.3		0.04	8.3		1.0	28.55	11.36	21.70
27.0	1447	2.0	1.8	0.71	0.69	1.3	8.9		9.1	8.6	93.1	8.4	0.05	8.8			28.55	10.74	21.80
27.0	1447	3.0			0.65	1.3			9.2	8.6	92.9		0.05	8.7			28.54	10.66	21.81
27.0	1447	4.0			0.59	1.3			9.2	8.6	92.8		0.05	8.8			28.54	10.61	21.81
27.0	1447	5.0			0.54	1.3			9.2	8.6	92.8		0.06	9.2			28.54	10.60	21.82
27.0	1447	6.0			0.52	1.3			9.3	8.6	92.8		0.06	9.5			28.53	10.59	21.82
27.0	1447	7.0			0.51	1.3			9.2	8.6	92.8		0.08	10.3			28.53	10.59	21.82
27.0	1447	8.0			0.51	1.3			9.3	8.6	92.8		0.08	10.5			28.53	10.59	21.82
27.0	1447	9.0			0.51	1.3			9.3	8.6	92.8		0.08	10.9			28.53	10.58	21.82
27.0	1447	10.0			0.51	1.3			9.3	8.6	92.8		0.09	11.2			28.53	10.58	21.81
27.0	1447	11.0			0.52	1.3			9.3	8.6	92.8		0.10	11.7			28.53	10.58	21.81
27.0	1447	12.0			0.53	1.3			9.3	8.6	92.8		0.11	12.4			28.53	10.58	21.81
27.0	1447	13.0	1.2	0.74	0.53	1.3			9.3	8.6	92.8		0.11	12.7			28.53	10.58	21.81
26.0	1438	1.0			0.59	1.3			7.9	8.6	93.5		0.06	9.3		1.0	28.65	10.99	21.84
26.0	1438	2.0			0.59	1.3			8.0	8.6	92.9		0.07	10.0			28.58	10.67	21.84
26.0	1438	3.0			0.57	1.3			8.1	8.6	92.8		0.08	10.4			28.58	10.64	21.84
26.0	1438	4.0			0.54	1.3			8.1	8.6	92.8		0.08	10.6			28.57	10.62	21.84
26.0	1438	5.0			0.52	1.3			8.1	8.6	92.7		0.08	10.8			28.57	10.61	21.84
26.0	1438	6.0			0.49	1.3			8.1	8.6	92.7		0.09	11.1			28.57	10.60	21.84
26.0	1438	7.0			0.49	1.3			8.2	8.6	92.7		0.09	11.2			28.57	10.60	21.84
26.0	1438	8.0			0.48	1.3			8.2	8.6	92.7		0.10	11.7			28.57	10.60	21.84
26.0	1438	9.0			0.48	1.3			8.2	8.6	92.7		0.10	11.9			28.57	10.60	21.84
26.0	1438	10.0			0.48	1.3			8.2	8.6	92.7		0.10	12.1			28.57	10.60	21.84
26.0	1438	11.0			0.48	1.3			8.2	8.6	92.7		0.10	11.7			28.57	10.60	21.84

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STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CHL a	OXYG	OXYG	CALC	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
25.0	1416	1.0			0.47	1.3		8.8	8.6	8.6	8.6	93.5		0.04	8.3	1.0	28.64	10.91	21.85
25.0	1416	2.0			0.48	1.3		8.9	8.6	8.6	8.6	93.1		0.05	8.6		28.64	10.74	21.87
25.0	1416	3.0			0.47	1.3		8.9	8.6	8.6	8.6	93.0		0.05	9.0		28.63	10.69	21.87
25.0	1416	4.0			0.46	1.3		8.9	8.6	8.6	8.6	93.0		0.07	9.8		28.63	10.68	21.87
25.0	1416	5.0			0.46	1.3		8.9	8.6	8.6	8.6	93.0		0.09	11.0		28.63	10.68	21.87
25.0	1416	6.0			0.45	1.3		8.9	8.6	8.6	8.6	93.0		0.09	11.5		28.63	10.67	21.87
25.0	1416	7.0			0.45	1.3		8.9	8.6	8.6	8.6	93.0		0.10	12.1		28.63	10.67	21.87
25.0	1416	8.0			0.46	1.3		8.9	8.6	8.6	8.6	93.0		0.11	12.6		28.63	10.67	21.87
25.0	1416	9.0			0.46	1.3		8.9	8.6	8.6	8.6	93.0		0.10	12.1		28.62	10.67	21.87
24.0	1401	1.0			0.51	1.3		7.5	8.6	8.6	8.6	94.1		0.03	7.3	0.7	28.88	11.23	21.97
24.0	1401	2.0	1.4	0.70	0.51	1.3	8.6	7.6	8.6	8.6	8.6	93.9	6.8	0.01	6.5		28.92	11.11	22.02
24.0	1401	3.0			0.51	1.3		7.7	8.6	8.6	8.6	93.8		0.00	5.9		28.92	11.06	22.04
24.0	1401	4.0			0.50	1.3		7.7	8.6	8.6	8.6	93.8		0.00	5.8		28.92	11.05	22.03
24.0	1401	5.0			0.49	1.3		7.8	8.6	8.6	8.6	93.8		0.00	5.7		28.93	11.04	22.05
24.0	1401	6.0			0.48	1.3		7.8	8.6	8.6	8.6	93.8		0.01	5.9		28.94	11.04	22.06
24.0	1401	7.0			0.50	1.3		7.9	8.6	8.6	8.6	93.8		0.01	6.2		28.94	11.03	22.06
24.0	1401	8.0			0.51	1.3		7.9	8.6	8.6	8.6	93.8		0.01	6.2		28.94	11.03	22.06
24.0	1401	9.0			0.51	1.3		7.9	8.6	8.6	8.6	93.8		0.01	6.2		28.94	11.03	22.06
24.0	1401	10.0			0.48	1.3		7.9	8.6	8.6	8.6	93.8		0.01	6.3		28.94	11.03	22.06
24.0	1401	11.0	1.4	0.72	0.47	1.3		7.9	8.6	8.6	8.6	93.8		0.02	6.8		28.94	11.03	22.06
23.0	1347	1.0			0.85	1.3		7.6	8.6	8.6	8.6	94.7		0.00	5.6	0.6	29.03	11.45	22.06
23.0	1347	2.0			0.90	1.3		7.7	8.6	8.6	8.6	94.7		0.00	5.6		29.07	11.45	22.09
23.0	1347	3.0			0.93	1.3		7.7	8.6	8.6	8.6	94.7		0.00	5.6		29.09	11.43	22.10
23.0	1347	4.0			0.91	1.3		7.7	8.6	8.6	8.6	94.6		0.00	5.6		29.10	11.40	22.12
23.0	1347	5.0			0.86	1.3		7.6	8.6	8.6	8.6	94.4		0.00	5.6		29.10	11.31	22.14
23.0	1347	6.0			0.84	1.3		7.6	8.6	8.6	8.6	94.3		0.00	5.6		29.10	11.25	22.14
23.0	1347	7.0			0.86	1.3		7.7	8.6	8.6	8.6	94.3		0.00	5.6		29.10	11.24	22.15
23.0	1347	8.0			0.84	1.3		7.7	8.6	8.6	8.6	94.3		0.00	5.6		29.10	11.23	22.15
23.0	1347	9.0			0.78	1.3		7.7	8.6	8.6	8.6	94.3		0.00	5.6		29.10	11.23	22.15
23.0	1347	10.0			0.72	1.3		7.7	8.6	8.6	8.6	94.2		0.00	5.6		29.10	11.20	22.15
23.0	1347	11.0			0.69	1.3		7.7	8.6	8.6	8.6	94.1		0.00	5.6		29.09	11.17	22.15

94019

JANUARY 19, 1994

South San Francisco Bay

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	OXYG	OXYG	CALC	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
23.0	1347	12.0			0.67	1.3		7.7	8.6	94.1			0.00	5.6		29.08	11.14	22.15
23.0	1347	13.0			0.64	1.3		7.7	8.6	94.1			0.00	5.7		29.09	11.15	22.15
23.0	1347	14.0			0.65	1.3		7.8	8.6	94.1			0.00	5.8		29.09	11.15	22.15
23.0	1347	15.0			0.67	1.3		7.8	8.6	94.1			0.00	5.8		29.08	11.13	22.15
23.0	1347	16.0			0.65	1.3		7.8	8.6	94.0			0.01	6.1		29.08	11.13	22.15
23.0	1347	17.0			0.67	1.3		7.8	8.6	94.0			0.01	6.5		29.08	11.12	22.15
23.0	1347	18.0			0.73	1.3		7.8	8.6	94.0			0.02	6.8		29.08	11.12	22.15
23.0	1347	19.0			0.68	1.3		7.8	8.6	94.0			0.02	6.8		29.08	11.12	22.15
23.0	1347	20.0			0.65	1.3		7.8	8.6	94.0			0.01	6.5		29.08	11.12	22.15
22.0	1329	1.0			0.46	1.3		8.4	8.6	94.6			0.03	7.6	0.8	29.11	11.34	22.14
22.0	1329	2.0			0.49	1.3	8.7	8.4	8.6	94.5			0.03	7.3		29.11	11.32	22.14
22.0	1329	3.0			0.50	1.3		8.4	8.6	94.5			0.03	7.6		29.11	11.29	22.15
22.0	1329	4.0			0.49	1.3		8.5	8.6	94.4			0.03	7.5		29.11	11.27	22.15
22.0	1329	5.0			0.46	1.3		8.4	8.6	94.4			0.03	7.6		29.11	11.23	22.16
22.0	1329	6.0			0.44	1.3		8.5	8.6	94.3			0.03	7.5		29.11	11.19	22.16
22.0	1329	7.0			0.45	1.3		8.4	8.6	94.2			0.03	7.6		29.11	11.17	22.17
22.0	1329	8.0			0.45	1.3		8.5	8.6	94.2			0.04	8.0		29.11	11.14	22.17
22.0	1329	9.0			0.43	1.3		8.5	8.6	94.1			0.04	8.0		29.12	11.12	22.18
22.0	1329	10.0			0.42	1.3		8.5	8.6	94.1			0.04	8.3		29.12	11.10	22.18
22.0	1329	11.0			0.43	1.3		8.5	8.6	94.1			0.05	8.5		29.12	11.10	22.18
22.0	1329	12.0			0.44	1.3		8.5	8.6	94.1			0.05	8.8		29.12	11.10	22.18
22.0	1329	13.0			0.43	1.3		8.5	8.6	94.1			0.06	9.2		29.12	11.09	22.18
22.0	1329	14.0			0.44	1.3		8.5	8.6	94.1			0.07	10.2		29.12	11.09	22.18
22.0	1329	15.0			0.45	1.3		8.5	8.6	94.1			0.08	10.3		29.12	11.09	22.19
22.0	1329	16.0			0.46	1.3		8.5	8.6	94.1			0.08	10.9		29.12	11.09	22.18
22.0	1329	17.0			0.48	1.3		8.5	8.6	94.1			0.09	11.5		29.12	11.09	22.18
22.0	1329	18.0			0.48	1.3		8.5	8.6	94.1			0.12	13.1		29.12	11.09	22.18
21.0	1315	1.0			0.42	1.3		8.6	8.6	94.0			0.03	7.5	1.0	28.75	11.13	21.90
21.0	1315	2.0	1.3	0.64	0.42	1.3		8.6	8.6	93.9		8.7	0.04	8.3		28.94	11.06	22.05
21.0	1315	3.0			0.41	1.3		8.6	8.6	93.8			0.06	9.4		28.99	10.99	22.10
21.0	1315	4.0			0.40	1.3		8.6	8.6	93.8			0.08	10.5		29.00	11.00	22.11

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CHL a	OXYG	CALC	% OXY	DISCR	OBS	SPM	CALC	EXCOF	SALIN	TEMP	SIGT
21.0	1315	5.0			0.40	1.3			8.7	8.6	93.8		0.09	11.5			29.01	11.00	22.12
21.0	1315	6.0			0.40	1.3			8.6	8.6	93.9		0.11	12.3			29.03	11.01	22.14
21.0	1315	7.0			0.40	1.3			8.6	8.6	93.8		0.12	13.0			29.05	10.95	22.16
21.0	1315	8.0			0.39	1.3			8.7	8.6	93.7		0.12	13.3			29.06	10.93	22.17
21.0	1315	9.0			0.39	1.3			8.7	8.6	93.7		0.14	14.1			29.06	10.93	22.17
21.0	1315	10.0			0.40	1.3			8.7	8.6	93.7		0.15	14.8			29.06	10.93	22.17
21.0	1315	11.0			0.40	1.3			8.7	8.6	93.7		0.16	15.4			29.07	10.93	22.17
21.0	1315	12.0			0.41	1.3			8.7	8.6	93.7		0.16	15.9			29.07	10.93	22.17
21.0	1315	13.0			0.44	1.3			8.7	8.6	93.7		0.18	16.7			29.07	10.93	22.17
21.0	1315	14.0			0.44	1.3			8.7	8.6	93.7		0.19	17.2			29.07	10.93	22.17
21.0	1315	15.0			0.44	1.3			8.7	8.6	93.8		0.20	18.0			29.07	10.93	22.18
21.0	1315	16.0			0.44	1.3			8.7	8.6	93.8		0.20	18.4			29.07	10.93	22.18
21.0	1315	17.0			0.45	1.3			8.7	8.6	93.7		0.21	19.0			29.07	10.93	22.17
21.0	1315	18.0	1.1	0.58	0.45	1.3			8.7	8.6	93.7		0.25	21.3			29.07	10.93	22.17

Std. Err.

Inter.

Slope

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n

Fluorometer Calibration:

OBS Calibration:

Dissolved Oxygen Calibration:

SeaBird v4.026

South San Francisco Bay

February 2, 1994

94033

STN	TIME	DEPTH	DISCR	CHL a	CHL a/ a+PHA	FLUOR	CALC	DISCR	CHL a	OXYG	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
36.0	1008	1.0				1.13	1.6		7.3	7.9	82.2		1.67	128.6	6.4	22.94	10.48	17.49
36.0	1008	2.0	1.7	0.25		1.13	1.6	7.7	7.3	7.9	82.3	128.5	1.67	129.1		23.22	10.41	17.71
36.0	1008	3.0				1.15	1.6		7.3	7.9	82.2		1.59	123.0		23.41	10.34	17.87
36.0	1008	4.0				1.18	1.7		7.4	7.9	82.4		1.62	125.2		23.57	10.32	17.99
36.0	1008	5.0				1.19	1.7		7.4	7.9	82.4		1.66	128.3		23.62	10.33	18.03
36.0	1008	6.0	1.8	0.27		1.19	1.7		7.4	7.9	82.4		1.80	137.8		23.69	10.32	18.09
35.0	1024	1.0				1.03	1.6		7.5	8.0	83.7		1.39	108.9	6.2	24.30	10.44	18.55
35.0	1024	2.0				1.02	1.6		7.5	8.0	83.8		1.41	110.0		24.42	10.46	18.64
35.0	1024	3.0				1.01	1.6		7.5	8.0	84.0		1.32	103.8		24.55	10.48	18.73
35.0	1024	4.0				0.98	1.6		7.5	8.0	84.2		1.21	95.9		24.67	10.51	18.83
35.0	1024	5.0				0.96	1.6		7.6	8.0	84.3		1.11	88.3		24.72	10.52	18.86
35.0	1024	6.0				0.95	1.5		7.6	8.0	84.4		1.02	81.9		24.78	10.55	18.90
35.0	1024	7.0				0.95	1.5		7.5	8.0	84.2		1.00	80.5		24.78	10.55	18.91
34.0	1034	1.0				1.00	1.6		7.6	8.0	84.4		1.67	128.7	6.8	25.00	10.49	19.08
34.0	1034	2.0				1.00	1.6		7.5	8.0	84.2		1.58	122.5		24.99	10.48	19.08
34.0	1034	3.0				0.98	1.6		7.5	8.0	84.1		1.47	114.2		25.07	10.42	19.15
34.0	1034	4.0				0.96	1.6		7.5	8.0	83.8		1.28	100.6		25.13	10.35	19.20
34.0	1034	5.0				0.96	1.6		7.5	8.0	83.5		1.19	93.9		25.22	10.22	19.29
34.0	1034	6.0				0.96	1.6		7.5	8.0	83.7		1.03	82.8		25.29	10.09	19.37
33.0	1048	1.0				0.80	1.5		7.6	8.1	85.2		0.52	46.2	2.8	25.45	10.56	19.42
33.0	1048	2.0				0.80	1.5		7.6	8.1	85.1		0.51	45.4		25.46	10.56	19.43
33.0	1048	3.0				0.80	1.5		7.6	8.0	85.0		0.52	45.7		25.53	10.50	19.49
33.0	1048	4.0				0.81	1.5		7.6	8.0	84.9		0.59	50.9		25.60	10.44	19.56
33.0	1048	5.0				0.82	1.5		7.7	8.1	85.0		0.68	57.5		25.65	10.39	19.60
33.0	1048	6.0				0.82	1.5		7.7	8.1	85.4		0.77	63.7		25.71	10.45	19.64
33.0	1048	7.0				0.81	1.5		7.7	8.1	85.7		0.83	68.7		25.86	10.54	19.74
33.0	1048	8.0				0.80	1.5		7.7	8.1	85.8		0.83	68.7		25.97	10.57	19.83
33.0	1048	9.0				0.77	1.5		7.7	8.1	86.0		0.80	65.9		26.00	10.60	19.84

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OKYG	CALC OKYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
33.0	1048	10.0			0.75	1.4		7.7	8.1	86.2	0.75	62.3		26.12	10.63	19.93
33.0	1048	11.0			0.75	1.4		7.7	8.1	86.3	0.70	58.7		26.20	10.66	19.99
33.0	1048	12.0			0.73	1.4		7.7	8.1	86.4	0.64	54.9		26.35	10.69	20.10
33.0	1048	13.0			0.73	1.4		7.7	8.1	86.3	0.60	51.8		26.48	10.72	20.20
32.0	1100	1.0			0.76	1.5		7.7	8.1	85.7	0.26	27.2	2.2	25.83	10.57	19.71
32.0	1100	2.0	1.3	0.43	0.74	1.4	8.3	7.7	8.1	85.9	0.32	31.9		26.13	10.60	19.94
32.0	1100	3.0			0.73	1.4		7.7	8.1	86.0	0.46	41.9		26.18	10.61	19.98
32.0	1100	4.0			0.74	1.4		7.7	8.1	86.2	0.55	48.1		26.28	10.62	20.06
32.0	1100	5.0			0.77	1.5		7.7	8.1	86.4	0.66	55.8		26.41	10.64	20.15
32.0	1100	6.0			0.78	1.5		7.7	8.1	86.4	0.78	64.8		26.46	10.65	20.19
32.0	1100	7.0			0.79	1.5		7.7	8.1	86.4	0.81	67.0		26.46	10.65	20.19
32.0	1100	8.0			0.79	1.5		7.8	8.1	86.5	0.81	66.7		26.47	10.65	20.19
32.0	1100	9.0			0.77	1.5		7.8	8.1	86.5	0.79	65.2		26.49	10.67	20.22
32.0	1100	10.0			0.77	1.5		7.8	8.1	86.6	0.77	63.8		26.50	10.68	20.22
32.0	1100	11.0			0.75	1.4		7.8	8.1	86.8	0.74	61.5		26.52	10.69	20.24
32.0	1100	12.0	1.1	0.31	0.74	1.4		7.8	8.1	86.8	0.66	55.9		26.59	10.74	20.28
31.0	1109	1.0			0.71	1.4		7.9	8.2	87.2	0.25	26.3	2.0	26.25	10.72	20.02
31.0	1109	2.0			0.69	1.4		7.9	8.2	87.4	0.29	29.1		26.52	10.72	20.23
31.0	1109	3.0			0.68	1.4		7.9	8.2	87.4	0.35	34.0		26.58	10.73	20.27
31.0	1109	4.0			0.69	1.4		7.9	8.2	87.5	0.43	39.8		26.62	10.73	20.31
31.0	1109	5.0			0.70	1.4		7.9	8.2	87.6	0.51	45.1		26.65	10.73	20.32
31.0	1109	6.0			0.72	1.4		7.9	8.2	87.7	0.56	49.2		26.70	10.75	20.36
31.0	1109	7.0			0.73	1.4		7.9	8.2	87.8	0.61	52.1		26.73	10.76	20.38
31.0	1109	8.0			0.72	1.4		8.0	8.2	87.9	0.62	53.2		26.75	10.77	20.40
31.0	1109	9.0			0.71	1.4		8.0	8.2	87.9	0.61	52.3		26.77	10.77	20.42
31.0	1109	10.0			0.72	1.4		7.9	8.2	87.9	0.60	52.0		26.79	10.78	20.43
31.0	1109	11.0			0.73	1.4		8.0	8.2	88.0	0.61	52.1		26.81	10.78	20.44
31.0	1109	12.0			0.73	1.4		8.0	8.2	88.0	0.61	52.6		26.85	10.78	20.48
31.0	1109	13.0			0.73	1.4		8.0	8.2	88.0	0.63	54.2		26.87	10.79	20.49

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	OXYG	OXYG	CALC	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
30.0	1126	1.0			0.73	1.4		7.6	8.0	86.4			0.34	32.7	2.2	27.05	10.90	20.61
30.0	1126	2.0	1.6	0.48	0.72	1.4	8.2	7.6	8.1	86.7		37.1	0.37	35.3		27.10	10.91	20.65
30.0	1126	3.0			0.71	1.4		7.6	8.1	87.0			0.44	40.4		27.34	10.95	20.83
30.0	1126	4.0			0.71	1.4		7.7	8.1	87.1			0.53	46.5		27.40	10.96	20.87
30.0	1126	5.0			0.73	1.4		7.7	8.1	87.2			0.63	53.5		27.41	10.96	20.88
30.0	1126	6.0			0.77	1.5		7.7	8.1	87.2			0.69	58.6		27.43	10.96	20.90
30.0	1126	7.0			0.80	1.5		7.7	8.1	87.4			0.76	63.5		27.47	10.95	20.93
30.0	1126	8.0			0.81	1.5		7.7	8.1	87.3			0.76	63.1		27.49	10.94	20.94
30.0	1126	9.0			0.82	1.5		7.7	8.1	87.5			0.76	63.3		27.48	10.94	20.94
30.0	1126	10.0			0.81	1.5		7.7	8.1	87.5			0.76	63.0		27.48	10.94	20.94
30.0	1126	11.0			0.82	1.5		7.8	8.1	87.6			0.75	62.6		27.49	10.94	20.94
30.0	1126	12.0	1.4	0.32	0.82	1.5		7.7	8.1	87.5			0.74	61.5		27.49	10.94	20.94
29.5	1143	1.0			0.78	1.5		8.0	8.2	88.8			0.12	17.0	1.4	27.46	10.89	20.93
29.5	1143	2.0			0.74	1.4		8.0	8.2	88.8			0.14	18.3		27.49	10.90	20.95
29.5	1143	3.0			0.68	1.4		8.0	8.2	88.9			0.15	19.5		27.53	10.94	20.98
29.5	1143	4.0			0.66	1.4		8.0	8.2	88.9			0.17	21.2		27.58	10.98	21.01
29.5	1143	5.0			0.67	1.4		8.0	8.2	88.9			0.20	23.3		27.60	10.99	21.02
29.5	1143	6.0			0.68	1.4		8.0	8.2	88.9			0.27	27.8		27.60	10.99	21.02
29.5	1143	7.0			0.69	1.4		8.0	8.2	88.8			0.33	32.0		27.60	10.99	21.02
29.5	1143	8.0			0.71	1.4		8.0	8.2	88.9			0.39	36.7		27.60	10.99	21.02
29.5	1143	9.0			0.75	1.4		8.0	8.2	88.9			0.42	38.6		27.60	10.99	21.02
29.5	1143	10.0			0.78	1.5		8.0	8.2	88.9			0.45	40.9		27.60	10.99	21.02
29.5	1143	11.0			0.78	1.5		8.0	8.2	88.8			0.49	43.5		27.61	10.98	21.03
29.5	1143	12.0			0.78	1.5		8.0	8.2	88.9			0.53	46.9		27.62	10.98	21.04
29.5	1143	13.0			0.80	1.5		8.0	8.2	88.9			0.59	50.9		27.63	10.98	21.05
29.5	1143	14.0			0.80	1.5		8.0	8.2	89.0			0.63	53.5		27.65	10.98	21.06
29.5	1143	15.0			0.80	1.5		8.0	8.2	88.9			0.64	54.7		27.66	10.97	21.07
29.0	1156	1.0			0.78	1.5		8.3	8.4	90.7			0.09	14.8	1.2	27.66	11.00	21.07
29.0	1156	2.0			0.78	1.5		8.3	8.4	90.7			0.10	15.5		27.75	11.05	21.13
29.0	1156	3.0			0.72	1.4		8.2	8.3	90.4			0.11	16.5		27.78	11.03	21.16

South San Francisco Bay

February 2, 1994

94033

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	OXYG	OXYG	CALC	% OXY	DISCR	OBS	SPM	CALC	EXCOF	SALIN	TEMP	SIGT
29.0	1156	4.0			0.66	1.4		8.2	8.3	8.3	90.4		0.12	17.1			27.82	10.96	21.20
29.0	1156	5.0			0.64	1.4		8.3	8.4	8.4	90.4		0.12	17.3			27.84	10.94	21.22
29.0	1156	6.0			0.62	1.4		8.3	8.4	8.4	90.4		0.13	18.1			27.87	10.95	21.24
29.0	1156	7.0			0.62	1.4		8.2	8.3	8.3	90.4		0.15	19.1			27.89	10.96	21.25
29.0	1156	8.0			0.63	1.4		8.3	8.3	8.3	90.4		0.17	20.8			27.90	10.97	21.26
29.0	1156	9.0			0.65	1.4		8.3	8.3	8.3	90.4		0.20	22.7			27.92	10.97	21.27
29.0	1156	10.0			0.67	1.4		8.3	8.4	8.4	90.5		0.22	24.2			27.92	10.97	21.27
29.0	1156	11.0			0.68	1.4		8.3	8.3	8.3	90.4		0.26	27.1			27.92	10.97	21.28
29.0	1156	12.0			0.69	1.4		8.3	8.3	8.3	90.4		0.29	29.4			27.93	10.97	21.28
29.0	1156	13.0			0.70	1.4		8.3	8.3	8.3	90.4		0.31	31.0			27.93	10.97	21.28
29.0	1156	14.0			0.70	1.4		8.3	8.4	8.4	90.5		0.35	33.5			27.93	10.97	21.28
29.0	1156	15.0			0.70	1.4		8.3	8.4	8.4	90.5		0.37	35.0			27.94	10.97	21.29
28.0	1210	1.0			0.67	1.4		8.2	8.3	8.3	90.3		0.13	17.7		1.4	27.98	11.01	21.32
28.0	1210	2.0			0.67	1.4		8.2	8.3	8.3	90.3		0.14	19.0			27.99	10.98	21.33
28.0	1210	3.0			0.66	1.4		8.2	8.3	8.3	90.3		0.16	20.0			27.99	10.96	21.33
28.0	1210	4.0			0.64	1.4		8.2	8.3	8.3	90.3		0.18	21.5			28.00	10.95	21.34
28.0	1210	5.0			0.64	1.4		8.2	8.3	8.3	90.3		0.20	23.0			28.01	10.95	21.35
28.0	1210	6.0			0.64	1.4		8.2	8.3	8.3	90.4		0.21	23.9			28.03	10.95	21.36
28.0	1210	7.0			0.65	1.4		8.2	8.3	8.3	90.4		0.24	25.6			28.04	10.95	21.37
28.0	1210	8.0			0.67	1.4		8.2	8.3	8.3	90.4		0.25	26.6			28.05	10.96	21.38
28.0	1210	9.0			0.69	1.4		8.2	8.3	8.3	90.5		0.27	28.1			28.06	10.97	21.38
28.0	1210	10.0			0.69	1.4		8.2	8.3	8.3	90.5		0.29	29.1			28.06	10.97	21.38
28.0	1210	11.0			0.69	1.4		8.2	8.3	8.3	90.5		0.30	30.1			28.07	10.97	21.39
28.0	1210	12.0			0.71	1.4		8.3	8.3	8.3	90.5		0.31	30.9			28.07	10.97	21.39
28.0	1210	13.0			0.72	1.4		8.2	8.3	8.3	90.5		0.32	31.5			28.08	10.98	21.39
28.0	1210	14.0			0.72	1.4		8.2	8.3	8.3	90.5		0.33	32.2			28.08	10.98	21.40
28.0	1210	15.0			0.72	1.4		8.2	8.3	8.3	90.5		0.34	33.1			28.08	10.98	21.39
27.0	1223	1.0			0.69	1.4		8.2	8.3	8.3	90.7		0.08	14.2		1.2	28.09	11.13	21.38
27.0	1223	2.0	1.7	0.59	0.66	1.4	8.4	8.2	8.3	8.3	90.7	16.8	0.09	15.1			28.09	11.06	21.39
27.0	1223	3.0			0.64	1.4		8.2	8.3	8.3	90.7		0.11	16.4			28.09	11.04	21.39

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR CHL a	OKYG	OKYG	CALC OKYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
27.0	1223	4.0			0.62	1.4		8.3	8.4	8.4	90.7		0.13	18.2		28.09	11.03	21.40
27.0	1223	5.0			0.61	1.4		8.3	8.4	8.4	90.7		0.16	19.7		28.09	11.03	21.40
27.0	1223	6.0			0.62	1.4		8.3	8.4	8.4	90.7		0.17	20.9		28.10	11.03	21.40
27.0	1223	7.0			0.63	1.4		8.3	8.4	8.4	90.8		0.17	21.2		28.10	11.03	21.41
27.0	1223	8.0			0.65	1.4		8.3	8.4	8.4	90.7		0.20	22.8		28.10	11.03	21.41
27.0	1223	9.0			0.66	1.4		8.3	8.4	8.4	90.7		0.23	25.0		28.10	11.03	21.41
27.0	1223	10.0			0.68	1.4		8.3	8.4	8.4	90.7		0.25	26.6		28.11	11.03	21.41
27.0	1223	11.0			0.67	1.4		8.3	8.4	8.4	90.8		0.27	27.9		28.11	11.03	21.41
27.0	1223	12.0	1.6	0.49	0.66	1.4		8.3	8.4	8.4	90.8		0.30	30.2		28.11	11.03	21.41
26.0	1236	1.0			0.75	1.4		8.4	8.4	8.4	91.8		0.08	14.2	1.1	28.21	11.21	21.46
26.0	1236	2.0			0.73	1.4		8.4	8.4	8.4	91.6		0.08	14.3		28.21	11.19	21.47
26.0	1236	3.0			0.69	1.4		8.4	8.4	8.4	91.6		0.09	14.8		28.22	11.16	21.47
26.0	1236	4.0			0.66	1.4		8.4	8.4	8.4	91.5		0.10	15.5		28.22	11.15	21.48
26.0	1236	5.0			0.65	1.4		8.4	8.4	8.4	91.5		0.11	16.3		28.22	11.14	21.48
26.0	1236	6.0			0.66	1.4		8.4	8.4	8.4	91.6		0.13	17.6		28.22	11.14	21.48
26.0	1236	7.0			0.66	1.4		8.4	8.4	8.4	91.5		0.15	19.4		28.22	11.14	21.48
26.0	1236	8.0			0.66	1.4		8.4	8.4	8.4	91.5		0.16	20.2		28.22	11.14	21.48
26.0	1236	9.0			0.68	1.4		8.4	8.4	8.4	91.5		0.17	21.2		28.22	11.14	21.48
26.0	1236	10.0			0.69	1.4		8.4	8.4	8.4	91.6		0.20	23.0		28.22	11.14	21.48
25.0	1254	1.0			0.65	1.4		8.2	8.3	8.3	90.8		0.11	16.6	1.2	28.28	11.30	21.50
25.0	1254	2.0			0.65	1.4		8.1	8.3	8.3	90.7		0.13	18.0		28.28	11.27	21.50
25.0	1254	3.0			0.64	1.4		8.1	8.3	8.3	90.7		0.15	19.5		28.28	11.26	21.50
25.0	1254	4.0			0.67	1.4		8.1	8.3	8.3	90.6		0.18	21.3		28.27	11.25	21.50
25.0	1254	5.0			0.68	1.4		8.1	8.3	8.3	90.6		0.19	22.5		28.27	11.23	21.50
25.0	1254	6.0			0.68	1.4		8.1	8.3	8.3	90.6		0.26	27.3		28.27	11.22	21.50
25.0	1254	7.0			0.69	1.4		8.1	8.3	8.3	90.6		0.33	32.6		28.27	11.22	21.50
25.0	1254	8.0			0.68	1.4		8.1	8.3	8.3	90.6		0.38	36.1		28.27	11.22	21.50

South San Francisco Bay

February 2, 1994

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STN	TIME	DEPTH	DISCR	CHL a	CHL a/ a+PHA	FLUOR	CALC	DISCR	OXYG	OXYG	CALC	% OXY	DISCR	SPM	OBS	CALC	EXCOF	SALIN	TEMP	SIGT
24.0	1310	1.0				0.60	1.4		8.1	8.3	90.5		0.09	15.0	1.1	28.32	11.31	21.53		
24.0	1310	2.0	1.6	0.58		0.60	1.4	8.3	8.1	8.3	90.4		13.2	15.2		28.32	11.28	21.53		
24.0	1310	3.0				0.58	1.4		8.1	8.3	90.5			16.1	0.10	28.34	11.24	21.55		
24.0	1310	4.0				0.57	1.4		8.1	8.3	90.4			17.8	0.13	28.37	11.27	21.58		
24.0	1310	5.0				0.56	1.4		8.1	8.3	90.5			19.4	0.15	28.39	11.29	21.59		
24.0	1310	6.0				0.56	1.4		8.1	8.3	90.5			20.8	0.17	28.40	11.30	21.59		
24.0	1310	7.0				0.55	1.4		8.1	8.3	90.5			22.7	0.20	28.41	11.30	21.59		
24.0	1310	8.0				0.57	1.4		8.1	8.3	90.4			24.4	0.22	28.41	11.30	21.60		
24.0	1310	9.0				0.60	1.4		8.1	8.3	90.4			25.3	0.23	28.41	11.30	21.60		
24.0	1310	10.0	1.2	0.40		0.60	1.4		8.1	8.3	90.4			27.8	0.27	28.41	11.30	21.60		
23.0	1326	1.0				0.56	1.4		8.1	8.3	90.7		0.11	16.8	1.2	28.09	11.41	21.33		
23.0	1326	2.0	1.3	0.58		0.55	1.3	8.0	8.1	8.3	90.5		13.6	16.9		28.13	11.36	21.37		
23.0	1326	3.0				0.55	1.3		8.1	8.3	90.4			17.1	0.12	28.17	11.33	21.41		
23.0	1326	4.0				0.58	1.4		8.1	8.3	90.5			18.0	0.13	28.21	11.30	21.45		
23.0	1326	5.0				0.58	1.4		8.1	8.3	90.4			18.6	0.14	28.22	11.27	21.46		
23.0	1326	6.0				0.57	1.4		8.1	8.3	90.5			19.2	0.15	28.23	11.26	21.47		
23.0	1326	7.0				0.61	1.4		8.1	8.3	90.5			20.4	0.16	28.25	11.26	21.48		
23.0	1326	8.0				0.64	1.4		8.1	8.3	90.5			28.9	0.28	28.27	11.27	21.50		
23.0	1326	9.0				0.67	1.4		8.1	8.3	90.6			37.3	0.40	28.28	11.27	21.50		
23.0	1326	10.0				0.72	1.4		8.1	8.3	90.6			50.2	0.58	28.29	11.26	21.51		
23.0	1326	11.0				0.74	1.4		8.1	8.3	90.5			68.7	0.83	28.29	11.26	21.51		
23.0	1326	12.0				0.78	1.5		8.1	8.3	90.5			69.1	0.84	28.29	11.26	21.51		
23.0	1326	13.0				0.82	1.5		8.1	8.3	90.5			78.2	0.97	28.29	11.26	21.51		
23.0	1326	14.0				0.84	1.5		8.1	8.3	90.6			81.5	1.01	28.29	11.26	21.51		
23.0	1326	15.0	1.4	0.54		0.85	1.5		8.1	8.3	90.6			85.4	1.07	28.29	11.26	21.51		
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STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CHL a	OXYG	CALC	% OXY	DISCR	OBS	SPM	CALC	EXCOF	SALIN	TEMP	SIGT
657.0	1754	1.0			0.78	2.2		2.2					0.35	23.8			0.10	9.77	0.00
657.0	1754	2.0	1.1	0.55	0.77	2.2	10.3					22.6	0.34	23.6			0.10	9.77	0.00
657.0	1754	3.0			0.78	2.2							0.34	23.4			0.10	9.76	0.00
657.0	1754	4.0			0.78	2.2							0.34	23.7			0.10	9.77	0.00
657.0	1754	5.0			0.76	2.2							0.35	23.9			0.10	9.77	0.00
657.0	1754	6.0			0.76	2.1							0.35	24.2			0.10	9.77	0.00
657.0	1754	7.0			0.76	2.1							0.35	24.0			0.10	9.77	0.00
657.0	1754	8.0			0.77	2.2							0.35	24.1			0.10	9.77	0.00
657.0	1754	9.0			0.76	2.2							0.35	24.1			0.10	9.77	0.00
657.0	1754	10.0	1.3	0.53	0.76	2.1							0.36	24.5			0.10	9.77	0.00
653.0	1723	1.0			0.81	2.3		2.3					0.37	25.2		2.6	0.10	9.97	0.00
653.0	1723	2.0			0.81	2.3		2.3					0.37	24.9			0.10	9.97	0.00
653.0	1723	3.0			0.80	2.3		2.3					0.37	25.1			0.10	9.97	0.00
653.0	1723	4.0			0.80	2.3		2.3					0.38	25.5			0.10	9.96	0.00
653.0	1723	5.0			0.81	2.3		2.3					0.38	25.5			0.10	9.96	0.00
653.0	1723	6.0			0.81	2.3		2.3					0.39	25.9			0.10	9.96	0.00
653.0	1723	7.0			0.81	2.3		2.3					0.39	25.8			0.10	9.95	0.00
653.0	1723	8.0			0.81	2.3		2.3					0.39	26.1			0.10	9.95	0.00
653.0	1723	9.0			0.82	2.3		2.3					0.39	26.3			0.10	9.95	0.00
653.0	1723	10.0			0.82	2.4							0.40	26.6			0.10	9.95	0.00
649.0	1654	1.0			0.92	2.7		2.7					0.55	34.4		3.0	0.10	10.02	0.00
649.0	1654	2.0	1.0	0.37	0.92	2.7	10.0					33.5	0.55	34.1			0.10	10.02	0.00
649.0	1654	3.0			0.92	2.7							0.55	34.1			0.10	10.01	0.00
649.0	1654	4.0			0.93	2.7							0.55	34.1			0.10	10.00	0.00
649.0	1654	5.0			0.93	2.8							0.56	34.7			0.10	9.98	0.00
649.0	1654	6.0			0.94	2.8							0.56	34.9			0.10	9.98	0.00
649.0	1654	7.0			0.94	2.8							0.58	36.2			0.10	9.98	0.00
649.0	1654	8.0			0.94	2.8							0.60	36.7			0.10	9.98	0.00
649.0	1654	9.0			0.94	2.8							0.62	37.8			0.10	9.98	0.00
649.0	1654	10.0	1.0	0.42	0.94	2.8							0.63	38.2			0.10	9.98	0.00

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STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	OXYG	OXYG	CALC	% OXY	DISCR	OBS	SPM	CALC	EXCOF	SALIN	TEMP	SIGT
2.0	1635	1.0			0.93	2.8							0.38	25.7	2.4	0.25	10.64	0.00	
2.0	1635	2.0			0.93	2.7							0.38	25.4		0.25	10.65	0.00	
2.0	1635	3.0			0.93	2.7							0.38	25.6		0.25	10.64	0.00	
2.0	1635	4.0			0.94	2.8							0.39	25.9		0.25	10.64	0.00	
2.0	1635	5.0			0.94	2.8							0.38	25.7		0.25	10.63	0.00	
2.0	1635	6.0			0.95	2.8							0.39	26.0		0.25	10.65	0.00	
2.0	1635	7.0			0.95	2.8							0.39	26.0		0.25	10.65	0.00	
2.0	1635	8.0			0.95	2.8							0.41	26.9		0.25	10.65	0.00	
2.0	1635	9.0			0.95	2.8							0.41	27.1		0.25	10.65	0.00	
2.0	1635	10.0			0.95	2.8							0.41	27.0		0.25	10.65	0.00	
2.0	1635	11.0			0.95	2.8							0.42	27.6		0.25	10.65	0.00	
3.0	1621	1.0			0.94	2.8							0.39	26.0	2.4	0.25	11.35	0.00	
3.0	1621	2.0	1.4	0.57	0.94	2.8	10.2					23.8	0.39	26.2		0.25	10.97	0.00	
3.0	1621	3.0			0.94	2.8							0.40	26.7		0.23	10.75	0.00	
3.0	1621	4.0			0.93	2.8							0.41	27.2		0.23	10.54	0.00	
3.0	1621	5.0			0.93	2.8							0.41	27.0		0.22	10.47	0.00	
3.0	1621	6.0			0.93	2.8							0.43	27.9		0.22	10.41	0.00	
3.0	1621	7.0			0.94	2.8							0.43	28.2		0.22	10.40	0.00	
3.0	1621	8.0			0.95	2.8							0.44	28.4		0.22	10.40	0.00	
3.0	1621	9.0			0.95	2.8							0.45	29.3		0.22	10.37	0.00	
3.0	1621	10.0			0.95	2.8							0.46	29.8		0.22	10.36	0.00	
3.0	1621	11.0			0.95	2.8							0.47	30.1		0.22	10.35	0.00	
3.0	1621	12.0			0.96	2.9							0.48	30.8		0.22	10.35	0.00	
3.0	1621	13.0	1.3	0.47	0.96	2.9							0.49	31.4		0.22	10.35	0.00	
4.0	1549	1.0			0.95	2.8							0.58	35.7	3.2	0.19	10.21	0.00	
4.0	1549	2.0			0.94	2.8							0.56	34.7		0.19	10.21	0.00	
4.0	1549	3.0			0.94	2.8							0.58	35.9		0.19	10.20	0.00	
4.0	1549	4.0			0.94	2.8							0.57	35.3		0.20	10.21	0.00	
4.0	1549	5.0			0.94	2.8							0.57	35.6		0.21	10.22	0.00	
4.0	1549	6.0			0.93	2.8							0.57	35.3		0.22	10.23	0.00	
4.0	1549	7.0			0.93	2.8							0.57	35.3		0.22	10.25	0.00	

STN	TIME	DEPTH	DISCR	CHL a	CHL a/ a+PHA	FLUOR	CALC	DISCR	OXYG	CALC	% OXY	DISCR	OBS	SPM	CALC	EXCOF	SALIN	TEMP	SIGT
4.0	1549	8.0				0.93	2.8						0.57	35.3			0.23	10.27	0.00
4.0	1549	9.0				0.94	2.8						0.56	35.0			0.23	10.27	0.00
4.0	1549	10.0				0.93	2.7						0.56	35.0			0.23	10.27	0.00
4.0	1549	11.0				0.93	2.7						0.57	35.5			0.23	10.28	0.00
4.0	1549	12.0				0.94	2.8						0.57	35.2			0.24	10.29	0.00
4.0	1549	13.0				0.94	2.8						0.56	35.1			0.24	10.29	0.00
4.0	1549	14.0				0.93	2.7						0.59	36.4			0.24	10.31	0.00
4.0	1549	15.0				0.93	2.8						0.59	36.3			0.24	10.31	0.00
5.0	1532	1.0				0.83	2.4						0.42	27.6		2.5	0.47	10.65	0.01
5.0	1532	2.0				0.83	2.4					25.9	0.42	27.6			0.48	10.63	0.02
5.0	1532	3.0				0.82	2.4						0.43	27.9			0.48	10.62	0.02
5.0	1532	4.0				0.82	2.4						0.44	28.4			0.48	10.60	0.03
5.0	1532	5.0				0.83	2.4						0.45	29.1			0.49	10.60	0.03
5.0	1532	6.0				0.83	2.4						0.46	29.5			0.49	10.60	0.03
5.0	1532	7.0				0.84	2.4						0.47	30.0			0.50	10.60	0.04
5.0	1532	8.0				0.84	2.4						0.50	31.8			0.50	10.60	0.04
5.0	1532	9.0				0.85	2.5						0.56	34.7			0.51	10.57	0.05
5.0	1532	10.0				0.87	2.5						0.62	37.8			0.52	10.56	0.06
5.0	1532	11.0				0.89	2.6						0.69	41.9			0.52	10.56	0.06
5.0	1532	12.0				0.89	2.6						0.74	44.0			0.52	10.56	0.06
6.0	1506	1.0				0.77	2.2						0.49	31.4		2.9	1.63	10.57	0.93
6.0	1506	2.0	1.2	0.54		0.77	2.2	10.3	9.8	10.2	93.1		0.49	31.2			1.63	10.57	0.93
6.0	1506	3.0				0.77	2.2						0.52	32.9			1.64	10.58	0.94
6.0	1506	4.0				0.77	2.2						0.53	33.5			1.68	10.59	0.97
6.0	1506	5.0				0.77	2.2						0.56	34.8			1.75	10.59	1.02
6.0	1506	6.0				0.77	2.2						0.59	36.3			1.85	10.58	1.10
6.0	1506	7.0				0.77	2.2						0.61	37.4			2.03	10.56	1.24
6.0	1506	8.0				0.76	2.1						0.57	35.6			2.21	10.52	1.39
6.0	1506	9.0				0.76	2.1						0.65	39.8			2.38	10.51	1.52
6.0	1506	10.0				0.82	2.4						0.78	46.2			2.67	10.48	1.75
6.0	1506	11.0				1.02	3.1						1.86	102.3			3.35	10.46	2.28

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STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CHL a	OXYG	OXYG	% OXY	DISCR	OBS	CALC	EXCOF	SALIN	TEMP	SIGT
6.0	1506	12.0	1.0	0.24	1.05	3.2			10.0	10.4	96.4		4.39	233.7		4.52	10.42	3.19
7.0	1441	1.0			0.71	1.9			10.0	10.4	96.4		0.42	27.8	2.2	3.94	10.64	2.72
7.0	1441	2.0			0.70	1.9			10.0	10.4	96.4	28.9	0.42	27.7		4.49	10.52	3.16
7.0	1441	3.0			0.70	1.9			10.0	10.4	96.5		0.49	31.4		4.94	10.45	3.52
7.0	1441	4.0			0.69	1.9			10.0	10.4	96.7		0.52	33.0		5.01	10.45	3.58
7.0	1441	5.0			0.69	1.9			10.0	10.5	97.0		0.55	34.1		5.06	10.46	3.61
7.0	1441	6.0			0.69	1.9			10.1	10.5	97.4		0.55	34.5		5.07	10.46	3.62
7.0	1441	7.0			0.70	1.9			10.0	10.4	97.1		0.58	36.2		5.63	10.48	4.05
7.0	1441	8.0			0.69	1.9			9.9	10.3	96.7		0.64	39.1		6.28	10.48	4.55
7.0	1441	9.0			0.68	1.9			9.9	10.3	96.9		0.64	39.0		6.90	10.43	5.04
7.0	1441	10.0			0.68	1.9			9.9	10.3	97.0		0.66	39.9		7.09	10.41	5.20
7.0	1441	11.0			0.68	1.9			9.9	10.4	97.3		0.70	42.3		7.18	10.42	5.27
7.0	1441	12.0			0.68	1.9			9.9	10.3	97.2		0.69	41.5		7.42	10.43	5.45
7.0	1441	13.0			0.70	1.9			9.9	10.3	97.3		0.77	45.8		7.98	10.46	5.88
7.0	1441	14.0			0.75	2.1			9.8	10.3	97.2		1.14	64.9		8.50	10.46	6.29
7.0	1441	15.0			0.75	2.1			9.8	10.2	97.1		1.67	92.6		8.78	10.46	6.50
8.0	1403	1.0			0.75	2.1			10.2	10.7	99.3		0.50	31.7	2.8	4.32	10.60	3.02
8.0	1403	2.0			0.75	2.1			10.2	10.7	99.4		0.48	30.8		4.93	10.44	3.51
8.0	1403	3.0			0.73	2.0			10.2	10.7	99.7		0.52	32.7		5.67	10.43	4.09
8.0	1403	4.0			0.71	2.0			10.3	10.8	100.4		0.54	33.9		5.91	10.45	4.27
8.0	1403	5.0			0.71	2.0			10.3	10.8	100.6		0.57	35.5		6.17	10.48	4.47
8.0	1403	6.0			0.72	2.0			10.2	10.7	100.4		0.60	37.1		6.37	10.54	4.62
8.0	1403	7.0			0.71	2.0			10.2	10.7	100.1		0.60	36.8		6.59	10.55	4.79
8.0	1403	8.0			0.69	1.9			10.1	10.6	100.0		0.57	35.6		7.40	10.52	5.42
8.0	1403	9.0			0.68	1.9			10.1	10.5	99.9		0.58	36.0		8.57	10.52	6.34
8.0	1403	10.0			0.68	1.9			10.0	10.5	100.1		0.79	46.7		9.76	10.56	7.25
8.0	1403	11.0			0.66	1.8			9.9	10.3	99.9		0.90	52.5		11.22	10.61	8.38
8.0	4403	12.0			0.65	1.7			9.8	10.3	99.9		0.75	44.7		11.97	10.65	8.95
8.0	1403	13.0			0.67	1.8			9.8	10.2	99.7		0.79	46.8		12.15	10.66	9.09
8.0	1403	14.0			0.71	2.0			9.8	10.2	99.7		1.17	66.7		12.59	10.68	9.43
8.0	1403	15.0			0.71	2.0			9.8	10.2	99.5		1.49	83.2		12.77	10.69	9.56

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	OXYG	CALC	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
9.0	1338	1.0			0.75	2.1		9.8	10.2	95.3		0.50	31.7	2.8	6.22	10.53	4.51
9.0	1338	2.0	1.0	0.43	0.74	2.1	10.1	9.7	10.1	94.9	31.3	0.49	31.1		6.26	10.52	4.54
9.0	1338	3.0			0.73	2.0		9.8	10.2	95.2		0.52	32.6		6.75	10.44	4.93
9.0	1338	4.0			0.72	2.0		9.7	10.1	95.4		0.60	37.1		7.38	10.48	5.41
9.0	1338	5.0			0.73	2.0		9.7	10.1	95.3		0.67	40.7		7.55	10.49	5.55
9.0	1338	6.0			0.72	2.0		9.7	10.1	95.4		0.69	41.7		7.58	10.49	5.56
9.0	1338	7.0			0.72	2.0		9.7	10.1	95.5		0.70	42.0		7.59	10.50	5.58
9.0	1338	8.0			0.73	2.0		9.7	10.1	95.7		0.71	42.9		7.62	10.51	5.59
9.0	1338	9.0			0.72	2.0		9.8	10.2	96.1		0.74	44.3		7.99	10.53	5.88
9.0	1338	10.0			0.70	1.9		9.7	10.1	96.0		0.72	43.0		9.36	10.55	6.94
9.0	1338	11.0			0.69	1.9		9.6	9.9	95.9		0.79	46.6		10.73	10.61	8.00
9.0	1338	12.0			0.69	1.9		9.5	9.9	95.8		0.93	53.9		11.41	10.63	8.52
9.0	1338	13.0			0.70	1.9		9.5	9.9	95.7		1.01	58.1		11.64	10.63	8.70
9.0	1338	14.0			0.70	1.9		9.5	9.9	95.8		1.00	57.6		11.85	10.64	8.86
9.0	1338	15.0			0.70	1.9		9.5	9.8	95.9		1.10	63.1		12.28	10.66	9.19
9.0	1338	16.0			0.71	2.0		9.5	9.8	95.9		1.14	65.2		12.63	10.68	9.46
9.0	1338	17.0			0.71	2.0		9.5	9.8	96.0		1.13	64.6		12.74	10.68	9.55
9.0	1338	18.0			0.72	2.0		9.5	9.8	96.4		1.19	67.5		12.97	10.72	9.72
9.0	1338	19.0			0.73	2.0		9.4	9.8	96.3		1.42	79.6		13.96	10.79	10.48
9.0	1338	20.0			0.73	2.0		9.4	9.7	96.5		1.41	79.0		14.29	10.80	10.73
9.0	1338	21.0			0.74	2.1		9.4	9.7	96.6		1.46	81.7		14.95	10.85	11.24
9.0	1338	22.0			0.76	2.1		9.3	9.7	96.5		1.51	84.0		15.30	10.87	11.51
9.0	1338	23.0			0.76	2.1		9.3	9.7	96.7		1.53	85.1		15.60	10.88	11.73
9.0	1338	24.0	1.1	0.29	0.75	2.1		9.3	9.6	96.2		1.68	93.1		15.80	10.90	11.89
10.0	1322	1.0			0.74	2.1		9.7	10.1	95.1		0.47	30.3	2.9	7.28	10.54	5.33
10.0	1322	2.0			0.73	2.0		9.7	10.2	95.7		0.52	32.7		7.48	10.52	5.49
10.0	1322	3.0			0.71	2.0		9.7	10.1	95.8		0.56	34.7		8.11	10.56	5.97
10.0	1322	4.0			0.69	1.9		9.6	10.0	95.7		0.59	36.4		9.92	10.56	7.37
10.0	1322	5.0			0.68	1.9		9.5	9.9	95.5		0.64	39.1		11.02	10.59	8.22
10.0	1322	6.0			0.68	1.9		9.5	9.9	95.7		0.71	42.8		11.50	10.61	8.59
10.0	1322	7.0			0.69	1.9		9.5	9.9	95.8		0.78	46.1		11.75	10.63	8.78
10.0	1322	8.0			0.69	1.9		9.5	9.8	95.8		0.83	48.7		12.19	10.65	9.13

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	OXYG	OXYG	CALC	% OXY	DISCR	OBS	SPM	CALC	EXCOF	SALIN	TEMP	SIGT
			CHL a									SPM							
10.0	1322	9.0			0.68	1.9		9.4	9.8	95.8			0.87	51.0			12.82	10.69	9.60
10.0	1322	10.0			0.68	1.9		9.4	9.8	95.7			0.90	52.3			13.13	10.71	9.85
10.0	1322	11.0			0.67	1.8		9.4	9.7	95.8			0.90	52.5			13.37	10.73	10.02
10.0	1322	12.0			0.67	1.8		9.4	9.7	95.8			0.96	55.5			13.53	10.73	10.15
10.0	1322	13.0			0.67	1.8		9.4	9.7	95.8			0.98	56.4			13.62	10.74	10.22
10.0	1322	14.0			0.68	1.9		9.4	9.7	95.8			1.08	61.8			13.76	10.75	10.32
10.0	1322	15.0			0.70	1.9		9.4	9.7	96.1			1.14	64.9			14.02	10.77	10.52
10.0	1322	16.0			0.70	1.9		9.4	9.7	96.2			1.21	68.3			14.51	10.80	10.90
10.0	1322	17.0			0.71	2.0		9.4	9.7	96.4			1.18	67.0			14.89	10.83	11.19
10.0	1322	18.0			0.71	2.0		9.3	9.6	96.2			1.41	78.8			15.51	10.88	11.66
11.0	1257	1.0			0.62	1.6		9.7	10.1	98.7			0.50	31.8		2.8	12.63	10.87	9.43
11.0	1257	2.0			0.62	1.6		9.7	10.1	98.9			0.50	31.9			13.03	10.84	9.75
11.0	1257	3.0			0.62	1.6		9.6	10.0	98.5			0.52	32.6			13.28	10.81	9.94
11.0	1257	4.0			0.62	1.6		9.7	10.0	98.9			0.57	35.5			13.42	10.80	10.06
11.0	1257	5.0			0.62	1.6		9.6	10.0	98.8			0.60	37.2			13.92	10.78	10.44
11.0	1257	6.0			0.63	1.7		9.6	10.0	99.0			0.69	41.8			14.93	10.81	11.22
11.0	1257	7.0			0.63	1.7		9.6	10.0	99.3			0.77	45.6			15.25	10.84	11.47
11.0	1257	8.0			0.63	1.7		9.5	9.9	99.5			0.83	49.0			16.13	10.91	12.15
11.0	1257	9.0			0.63	1.7		9.5	9.8	99.3			0.91	53.1			16.97	10.96	12.78
11.0	1257	10.0			0.63	1.7		9.4	9.8	99.1			0.98	56.8			17.37	10.98	13.09
11.0	1257	11.0			0.64	1.7		9.4	9.8	99.2			1.02	58.5			17.56	11.00	13.24
11.0	1257	12.0			0.65	1.8		9.4	9.7	99.0			1.12	63.7			17.95	11.03	13.54
11.0	1257	13.0			0.66	1.8		9.4	9.7	99.0			1.15	65.5			18.22	11.05	13.74
11.0	1257	14.0			0.65	1.8		9.4	9.7	99.2			1.15	65.4			18.42	11.07	13.89
11.0	1257	15.0			0.66	1.8		9.4	9.7	99.7			1.13	64.5			19.16	11.15	14.45
11.0	1257	16.0			0.68	1.9		9.2	9.6	99.4			1.42	79.7			20.59	11.23	15.55
11.0	1257	17.0			0.69	1.9		9.2	9.5	99.1			1.86	102.1			21.29	11.26	16.09
12.0	4237	1.0			0.60	1.5		9.3	9.7	96.2			0.40	26.5		2.5	14.59	10.99	10.94
12.0	1237	2.0			0.59	1.5		9.3	9.6	95.9		29.8	0.42	27.4			14.90	10.96	11.18
12.0	1237	3.0			0.58	1.5		9.3	9.6	96.1			0.44	28.9			15.23	10.90	11.45
12.0	1237	4.0			0.57	1.5		9.3	9.6	96.8			0.50	31.7			16.10	10.92	12.12

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	OXYG	OXYG	CALC	% OXY	DISCR	OBS	SPM	CALC	EXCOF	SALIN	TEMP	SIGT
			CHL a				OXYG				SAT	SPM							
12.0	1237	5.0			0.57	1.5		9.3	9.6	97.2	0.54	33.6			17.13	10.97	12.91		
12.0	1237	6.0			0.58	1.5		9.3	9.6	97.7	0.63	38.6			18.33	11.05	13.82		
12.0	1237	7.0			0.56	1.4		9.2	9.5	97.8	0.69	41.9			19.82	11.14	14.96		
12.0	1237	8.0			0.53	1.3		9.1	9.3	97.6	0.62	37.8			21.17	11.23	16.00		
12.0	1237	9.0			0.51	1.2		8.9	9.2	97.0	0.62	38.1			22.38	11.31	16.92		
12.0	1237	10.0			0.51	1.3		8.8	9.0	95.7	0.82	48.6			22.95	11.36	17.36		
13.0	1143	1.0			0.54	1.3		9.2	9.5	97.4	0.31	21.9			18.86	11.31	14.20		
13.0	1143	2.0	0.9	0.49	0.53	1.3	9.4	9.1	9.4	97.1	0.31	21.8	24.9		19.00	11.28	14.31		
13.0	1143	3.0			0.51	1.3		9.1	9.4	97.0	0.31	22.1			19.28	11.23	14.54		
13.0	1143	4.0			0.48	1.1		9.1	9.4	97.4	0.31	21.6			20.25	11.23	15.28		
13.0	1143	5.0			0.46	1.1		9.0	9.2	97.1	0.30	21.5			21.80	11.28	16.47		
13.0	1143	6.0			0.44	1.0		9.0	9.2	97.1	0.30	21.6			22.32	11.31	16.88		
13.0	1143	7.0			0.44	1.0		8.9	9.2	97.1	0.31	21.7			22.66	11.34	17.14		
13.0	1143	8.0			0.45	1.0		8.9	9.2	97.3	0.37	25.0			23.49	11.38	17.77		
13.0	1143	9.0			0.45	1.0		8.8	9.1	96.7	0.42	27.6			24.00	11.43	18.16		
13.0	1143	10.0	0.6	0.28	0.45	1.0		8.8	9.1	96.8	0.46	29.8			24.14	11.44	18.27		
14.0	1125	1.0			0.49	1.2		9.1	9.3	95.3	0.17	14.5			18.05	11.09	13.60		
14.0	1125	2.0			0.48	1.1		9.1	9.3	95.5	0.17	14.5			18.31	11.08	13.80		
14.0	1125	3.0			0.46	1.1		9.0	9.3	95.5	0.16	14.3			18.93	11.09	14.28		
14.0	1125	4.0			0.45	1.0		9.0	9.3	95.8	0.16	14.3			19.36	11.12	14.61		
14.0	1125	5.0			0.43	1.0		9.1	9.3	96.7	0.16	14.0			20.11	11.17	15.19		
14.0	1125	6.0			0.42	0.9		9.0	9.2	96.9	0.14	13.3			21.79	11.28	16.47		
14.0	1125	7.0			0.41	0.9		8.9	9.2	97.0	0.13	12.6			22.95	11.36	17.36		
14.0	1125	8.0			0.41	0.9		8.7	9.0	96.2	0.13	12.7			24.61	11.48	18.62		
14.0	1125	9.0			0.42	0.9		8.7	8.9	96.1	0.17	14.8			24.85	11.50	18.80		
14.0	1125	10.0			0.43	1.0		8.7	8.9	95.8	0.22	17.1			24.94	11.50	18.87		
14.0	1125	11.0			0.44	1.0		8.7	8.9	95.7	0.25	18.8			25.00	11.51	18.92		
14.0	1125	12.0			0.43	1.0		8.7	8.9	95.7	0.27	20.0			25.08	11.51	18.98		
14.0	1125	13.0			0.43	1.0		8.7	8.9	95.5	0.32	22.2			25.12	11.52	19.01		
14.0	1125	14.0			0.43	1.0		8.7	8.9	95.5	0.33	23.0			25.14	11.52	19.03		

North San Francisco Bay

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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
15.0	1104	1.0			0.51	1.2		9.3	9.6	97.3	0.13	12.5	1.4	16.58	11.02	12.48
15.0	1104	2.0	0.9	0.60	0.52	1.3	9.6	9.2	9.6	96.6	0.13	12.5		16.87	10.98	12.70
15.0	1104	3.0			0.52	1.3		9.2	9.5	96.6	0.20	16.1		17.33	10.94	13.07
15.0	1104	4.0			0.52	1.3		9.2	9.5	96.5	0.31	22.0		17.47	10.94	13.17
15.0	1104	5.0			0.52	1.3		9.2	9.5	96.5	0.31	22.0		17.51	10.94	13.20
15.0	1104	6.0			0.52	1.3		9.2	9.6	96.8	0.34	23.2		17.50	10.94	13.20
15.0	1104	7.0			0.53	1.3		9.3	9.6	97.7	0.33	23.0		17.89	10.97	13.49
15.0	1104	8.0			0.52	1.3		9.2	9.5	98.0	0.32	22.6		19.27	11.07	14.55
15.0	1104	9.0			0.49	1.2		9.1	9.4	98.1	0.36	24.4		21.11	11.20	15.95
15.0	1104	10.0			0.46	1.1		9.0	9.3	97.5	0.33	22.7		22.47	11.29	17.00
15.0	1104	11.0			0.45	1.0		8.9	9.2	97.2	0.27	19.6		23.12	11.34	17.49
15.0	1104	12.0			0.45	1.0		8.9	9.2	97.2	0.25	18.8		23.39	11.36	17.70
15.0	1104	13.0			0.45	1.0		8.9	9.1	97.2	0.26	19.3		23.52	11.37	17.80
15.0	1104	14.0			0.45	1.0		8.9	9.2	97.4	0.27	19.7		23.62	11.39	17.87
15.0	1104	15.0			0.45	1.0		8.9	9.1	97.7	0.28	20.1		24.02	11.43	18.17
15.0	1104	16.0			0.45	1.0		8.8	9.1	97.6	0.28	20.1		24.77	11.49	18.74
15.0	1104	17.0			0.44	1.0		8.8	9.0	97.5	0.28	20.1		25.12	11.52	19.01
15.0	1104	18.0			0.43	1.0		8.8	9.0	97.3	0.28	20.1		25.29	11.53	19.14
15.0	1104	19.0			0.43	1.0		8.8	9.0	97.2	0.28	20.2		25.44	11.55	19.26
15.0	1104	20.0			0.43	1.0		8.8	9.0	97.3	0.28	20.2		25.47	11.55	19.28
15.0	1104	21.0			0.42	0.9		8.8	9.0	97.0	0.29	20.7		25.53	11.55	19.33
15.0	1104	22.0			0.42	0.9		8.8	9.0	97.1	0.29	21.1		25.55	11.55	19.34
15.0	1104	23.0	0.7	0.33	0.42	0.9		8.8	9.0	97.0	0.30	21.4		25.55	11.56	19.34
16.0	1031	1.0			0.49	1.2		9.4	9.7	99.6	0.15	13.8	1.4	18.75	11.05	14.15
16.0	1031	2.0			0.48	1.1		9.2	9.5	99.0	0.17	14.8		20.96	11.15	15.85
16.0	1031	3.0			0.47	1.1		9.2	9.5	99.5	0.17	14.8		21.86	11.19	16.54
16.0	1031	4.0			0.45	1.0		9.2	9.5	100.5	0.16	14.1		22.84	11.26	17.28
16.0	1031	5.0			0.44	1.0		9.1	9.4	100.3	0.15	13.6		24.28	11.42	18.37
16.0	1031	6.0			0.45	1.0		9.0	9.2	99.4	0.15	13.8		25.38	11.54	19.21
16.0	1031	7.0			0.46	1.1		8.9	9.2	99.0	0.23	17.5		25.38	11.54	19.21
16.0	1031	8.0			0.48	1.2		8.9	9.2	99.0	0.31	22.1		25.41	11.54	19.23
16.0	1031	9.0			0.51	1.2		8.9	9.1	98.7	0.34	23.2		25.44	11.55	19.25

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	CHL a	OXYG	OXYG	OXYG	OXYG	SAT	SPM								
16.0	1031	10.0				0.52	1.3		8.9	9.1	98.7		0.36	24.3		25.46	11.55	19.27				
16.0	1031	11.0				0.54	1.3		8.9	9.1	98.6		0.38	25.6		25.50	11.55	19.30				
16.0	1031	12.0				0.54	1.4		8.9	9.1	98.7		0.42	27.8		25.56	11.56	19.35				
16.0	1031	13.0				0.54	1.4		8.9	9.1	98.8		0.45	29.1		25.70	11.57	19.45				
16.0	1031	14.0				0.54	1.4		8.9	9.1	98.6		0.47	30.3		25.85	11.59	19.57				
18.0	0938	1.0				0.47	1.1		8.7	9.0	97.1		0.11	11.3	1.0	26.20	11.55	19.85				
18.0	0938	2.0	0.9	0.42		0.47	1.1	9.0	8.7	9.0	97.4	11.9	0.10	11.0		26.29	11.56	19.91				
18.0	0938	3.0				0.48	1.1		8.7	9.0	97.5		0.10	10.8		26.64	11.59	20.17				
18.0	0938	4.0				0.49	1.2		8.7	8.9	97.3		0.09	10.7		27.18	11.65	20.58				
18.0	0938	5.0				0.48	1.1		8.7	8.9	97.2		0.10	10.8		27.38	11.68	20.74				
18.0	0938	6.0				0.48	1.1		8.7	8.9	97.2		0.10	11.3		27.46	11.69	20.79				
18.0	0938	7.0				0.47	1.1		8.6	8.9	97.1		0.10	11.1		27.48	11.69	20.81				
18.0	0938	8.0				0.47	1.1		8.6	8.8	97.1		0.10	11.1		27.50	11.69	20.83				
18.0	0938	9.0				0.47	1.1		8.6	8.8	97.1		0.10	10.9		27.55	11.70	20.87				
18.0	0938	10.0				0.48	1.1		8.6	8.8	97.0		0.09	10.7		27.57	11.70	20.88				
18.0	0938	11.0				0.48	1.1		8.6	8.8	97.0		0.10	10.8		27.54	11.70	20.86				
18.0	0938	12.0				0.49	1.2		8.6	8.8	97.1		0.09	10.7		27.57	11.70	20.88				
18.0	0938	13.0				0.52	1.3		8.6	8.8	97.1		0.09	10.4		27.57	11.70	20.88				
18.0	0938	14.0				0.52	1.3		8.6	8.8	97.1		0.09	10.5		27.57	11.70	20.88				
18.0	0938	15.0				0.51	1.3		8.6	8.8	97.1		0.09	10.4		27.58	11.71	20.89				
18.0	0938	16.0				0.51	1.2		8.6	8.9	97.3		0.09	10.6		27.62	11.71	20.92				
18.0	0938	17.0				0.50	1.2		8.6	8.9	97.3		0.09	10.6		27.64	11.71	20.93				
18.0	0938	18.0				0.52	1.3		8.7	8.9	97.8		0.09	10.6		27.70	11.72	20.98				
18.0	0938	19.0				0.55	1.4		8.7	8.9	98.0		0.10	11.1		28.37	11.81	21.48				
18.0	0938	20.0				0.56	1.4		8.7	8.9	98.4		0.11	11.7		28.79	11.87	21.80				
18.0	0938	21.0				0.57	1.5		8.7	8.9	98.7		0.13	12.7		28.90	11.89	21.87				
18.0	0938	22.0				0.59	1.5		8.6	8.8	98.2		0.15	13.5		29.66	11.99	22.45				
18.0	0938	23.0				0.60	1.6		8.6	8.7	97.9		0.18	15.4		29.69	12.00	22.47				
18.0	0938	24.0				0.61	1.6		8.6	8.7	97.9		0.19	15.9		29.69	12.00	22.47				
18.0	0938	25.0				0.61	1.6		8.5	8.7	97.8		0.20	16.0		29.69	12.00	22.47				
18.0	0938	26.0				0.61	1.6		8.6	8.7	97.9		0.20	16.0		29.69	12.00	22.47				
18.0	0938	27.0				0.60	1.6		8.5	8.7	97.9		0.19	15.7		29.72	12.00	22.49				

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STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	OXYG	OXYG	CALC	% OXY	DISCR	OBS	CALC	EXCOF	SALIN	TEMP	SIGT
			CHL a			CHL a	OXYG	OXYG			SAT	SPM		SPM				
18.0	0938	28.0			0.59	1.5		8.6	8.7	8.7	98.0		0.17	14.8		29.74	12.00	22.50
18.0	0938	29.0			0.59	1.5		8.5	8.7	8.7	97.9		0.18	15.1		29.74	12.00	22.51
18.0	0938	30.0			0.60	1.5		8.6	8.7	8.7	97.9		0.18	15.0		29.75	12.00	22.51
18.0	0938	31.0			0.61	1.6		8.5	8.7	8.7	97.9		0.17	14.8		29.75	12.00	22.51
18.0	0938	32.0			0.61	1.6		8.5	8.7	8.7	97.9		0.17	14.9		29.75	12.00	22.51
18.0	0938	33.0			0.59	1.5		8.6	8.7	8.7	98.0		0.17	14.7		29.77	12.00	22.53
18.0	0938	34.0			0.60	1.6		8.5	8.7	8.7	97.9		0.17	14.5		29.77	12.00	22.53
18.0	0938	35.0			0.60	1.6		8.6	8.8	8.8	98.1		0.17	14.5		29.76	12.00	22.53
18.0	0938	36.0			0.60	1.5		8.6	8.7	8.7	97.9		0.17	14.7		29.78	12.01	22.53
18.0	0938	37.0	1.6	0.49	0.60	1.6		8.6	8.7	8.7	98.1		0.16	14.0		29.82	12.01	22.57
757 2/17	0704	1.0			0.01	0.0							0.16	14.3	2.1	0.22	10.56	0.00
757 2/17	0704	2.0	1.5	0.70	0.01	0.0						12.4	0.17	14.4		0.22	10.56	0.00
757 2/17	0704	3.0			0.01	0.0							0.17	14.4		0.22	10.56	0.00
757 2/17	0704	4.0			0.01	0.0							0.17	14.8		0.22	10.56	0.00
757 2/17	0704	5.0			0.01	0.0							0.17	14.5		0.22	10.56	0.00
757 2/17	0704	6.0			0.01	0.0							0.17	14.4		0.22	10.56	0.00
757 2/17	0704	7.0			0.01	0.0							0.17	14.7		0.22	10.55	0.00
757 2/17	0704	8.0			0.01	0.0							0.18	14.9		0.22	10.55	0.00
757 2/17	0704	9.0			0.01	0.0							0.18	15.0		0.22	10.54	0.00
757 2/17	0704	10.0			0.01	0.0							0.18	15.2		0.22	10.55	0.00
757 2/17	0704	11.0			0.01	0.0							0.19	15.5		0.22	10.55	0.00
757 2/17	0704	12.0			0.01	0.0							0.18	15.2		0.22	10.54	0.00
757 2/17	0704	13.0			0.01	0.0							0.19	15.6		0.22	10.53	0.00
757 2/17	0704	14.0			0.01	0.0							0.18	15.4		0.21	10.53	0.00
757 2/17	0704	15.0			0.01	0.0							0.19	15.8		0.21	10.53	0.00
757 2/17	0704	16.0	1.5	0.58	0.01	0.0							0.20	16.3		0.21	10.52	0.00
753 2/17	0739	1.0			0.09	0.0							0.30	21.4	2.1	0.27	10.89	0.00
753 2/17	0739	2.0			0.09	0.0							0.29	21.1		0.27	10.89	0.00
753 2/17	0739	3.0			0.09	0.0							0.29	21.0		0.27	10.88	0.00
753 2/17	0739	4.0			0.09	0.0							0.30	21.2		0.27	10.88	0.00
753 2/17	0739	5.0			0.09	0.0							0.30	21.4		0.27	10.88	0.00

STN	TIME	DEPTH	DISCR CHL a	CHL a	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
753 2/17	0739	6.0			0.09	0.0						0.31	21.7		0.27	10.89	0.00
753 2/17	0739	7.0			0.09	0.0						0.31	21.7		0.27	10.89	0.00
753 2/17	0739	8.0			0.09	0.0						0.31	22.2		0.27	10.89	0.00
753 2/17	0739	9.0			0.09	0.0						0.32	22.3		0.27	10.89	0.00
753 2/17	0739	10.0			0.09	0.0						0.32	22.4		0.27	10.89	0.00
753 2/17	0739	11.0			0.09	0.0						0.32	22.4		0.27	10.90	0.00
753 2/17	0739	12.0			0.09	0.0						0.31	22.2		0.27	10.90	0.00
747 2/17	0821	1.0			0.85	2.5						0.66	39.9	3.4	0.73	10.63	0.22
747 2/17	0821	2.0			0.85	2.5						0.66	39.9		0.81	10.64	0.28
747 2/17	0821	3.0			0.85	2.5						0.66	39.9		0.85	10.64	0.31
747 2/17	0821	4.0			0.84	2.4						0.67	40.5		0.87	10.67	0.32
747 2/17	0821	5.0			0.84	2.4						0.65	39.8		0.89	10.66	0.34
747 2/17	0821	6.0			0.84	2.4						0.65	39.5		0.90	10.68	0.34
747 2/17	0821	7.0			0.84	2.4						0.62	38.0		0.91	10.70	0.35
747 2/17	0821	8.0			0.83	2.4						0.60	36.9		0.93	10.70	0.36
747 2/17	0821	9.0			0.82	2.4						0.57	35.6		0.93	10.72	0.36
747 2/17	0821	10.0			0.81	2.3						0.57	35.2		0.94	10.73	0.37
747 2/17	0821	11.0			0.81	2.3						0.54	33.9		0.96	10.73	0.39
747 2/17	0821	12.0			0.82	2.3						0.55	34.2		0.96	10.73	0.39
747 2/17	0821	13.0			0.82	2.4						0.57	35.6		0.95	10.66	0.39
747 2/17	0821	14.0			0.83	2.4						0.60	36.9		0.94	10.68	0.38
747 2/17	0821	15.0			0.84	2.4						0.60	37.1		0.94	10.66	0.38
747 2/17	0821	16.0			0.85	2.5						0.63	38.4		0.94	10.65	0.38
747 2/17	0821	17.0			0.85	2.5						0.63	38.4		0.94	10.65	0.38
747 2/17	0821	18.0			0.84	2.4						0.63	38.3		0.95	10.68	0.38
747 2/17	0821	19.0			0.84	2.4						0.62	38.2		0.94	10.66	0.38

Std. Err.

Inter.

Slope

r²

n

Fluorometer Calibration:

OBS Calibration:

Dissolved Oxygen Calibration:

-0.588

5.809

-1.354

0.431

1.881

0.036

0.549

0.945

0.997

18

11

5

3.591

51.898

1.180

Note: Fluorometer calibration used combined North and South Bay samples from stations 36-13.
SeaBird v4.026

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CALC	OXYG	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
36.0	1846	1.0			0.65	1.7		9.2	9.3	99.9		0.18	17.9		25.54	11.40	19.36
36.0	1846	2.0	1.2	0.52	0.65	1.7	8.9	9.2	9.3	100.0	15.9	0.17	17.5		25.56	11.42	19.37
36.0	1846	3.0			0.66	1.8		9.2	9.3	99.9		0.17	17.6		25.65	11.45	19.43
36.0	1846	4.0			0.66	1.8		9.2	9.2	99.7		0.18	17.9		25.68	11.44	19.46
36.0	1846	5.0			0.65	1.8		9.2	9.2	99.7		0.19	18.8		25.71	11.43	19.48
36.0	1846	6.0			0.64	1.7		9.2	9.2	99.5		0.20	19.7		25.75	11.43	19.51
36.0	1846	7.0			0.64	1.7		9.2	9.2	99.3		0.21	20.5		25.83	11.42	19.58
36.0	1846	8.0			0.64	1.7		9.2	9.2	99.4		0.22	21.3		25.86	11.41	19.60
36.0	1846	9.0	1.4	0.48	0.64	1.7		9.2	9.2	99.4		0.24	22.7		25.86	11.41	19.61
34.0	1829	1.0			0.71	1.9		9.3	9.4	101.6		0.12	13.6		25.98	11.45	19.69
34.0	1829	2.0			0.70	1.9		9.3	9.4	101.1		0.12	13.8		25.99	11.44	19.70
34.0	1829	3.0			0.69	1.9		9.2	9.3	100.6		0.13	13.9		26.03	11.40	19.74
34.0	1829	4.0			0.66	1.8		9.2	9.3	100.4		0.13	14.2		26.11	11.36	19.80
34.0	1829	5.0			0.62	1.6		9.2	9.3	100.0		0.13	14.4		26.21	11.35	19.89
34.0	1829	6.0			0.60	1.6		9.2	9.2	99.8		0.14	15.3		26.30	11.35	19.95
34.0	1829	7.0			0.59	1.5		9.2	9.3	100.1		0.15	16.1		26.38	11.35	20.01
34.0	1829	8.0			0.59	1.5		9.2	9.3	100.1		0.16	17.0		26.41	11.35	20.04
34.0	1829	9.0			0.59	1.5		9.2	9.2	100.0		0.18	18.3		26.50	11.36	20.11
33.0	1813	1.0			0.72	2.0		9.3	9.3	101.1		0.10	12.2		26.22	11.47	19.87
33.0	1813	2.0			0.70	1.9		9.3	9.4	101.5		0.10	12.3		26.22	11.47	19.87
33.0	1813	3.0			0.72	2.0		9.3	9.4	101.6		0.10	12.3		26.25	11.52	19.89
33.0	1813	4.0			0.73	2.1		9.3	9.3	101.4		0.11	12.6		26.33	11.51	19.95
33.0	1813	5.0			0.73	2.0		9.3	9.3	101.3		0.12	13.8		26.56	11.49	20.13
33.0	1813	6.0			0.71	2.0		9.2	9.3	100.8		0.14	14.9		26.64	11.47	20.20
33.0	1813	7.0			0.68	1.9		9.2	9.3	100.9		0.14	15.5		26.74	11.41	20.29
33.0	1813	8.0			0.66	1.8		9.2	9.3	101.0		0.15	16.0		26.92	11.40	20.43
33.0	1813	9.0			0.65	1.8		9.2	9.3	101.1		0.15	15.9		26.96	11.38	20.46
33.0	1813	10.0			0.66	1.8		9.2	9.3	101.0		0.16	16.5		26.97	11.38	20.47
33.0	1813	11.0			0.65	1.7		9.2	9.3	101.0		0.19	19.4		27.00	11.38	20.50
33.0	1813	12.0			0.61	1.6		9.2	9.3	100.9		0.23	22.0		27.07	11.37	20.55

South San Francisco Bay

February 17, 1994

94048

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	OXYG	OXYG	CALC	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
33.0	1813	13.0			0.58	1.5		9.2	9.3	100.9			0.25	23.4		27.10	11.37	20.57
33.0	1813	14.0			0.58	1.5		9.2	9.3	101.0			0.26	24.9		27.11	11.37	20.58
32.0	1804	1.0			0.77	2.2		8.8	8.7	94.6			0.10	11.9		26.67	11.38	20.24
32.0	1804	2.0	1.8	0.62	0.73	2.0	9.2	8.9	8.9	96.6		8.9	0.08	10.5		26.67	11.39	20.23
32.0	1804	3.0			0.72	2.0		9.0	9.0	97.5			0.08	10.2		26.68	11.40	20.24
32.0	1804	4.0			0.73	2.0		9.0	9.1	98.3			0.08	10.4		26.69	11.43	20.24
32.0	1804	5.0			0.72	2.0		9.1	9.1	98.7			0.08	10.2		26.71	11.45	20.25
32.0	1804	6.0			0.70	1.9		9.0	9.1	98.4			0.09	11.0		26.79	11.45	20.32
32.0	1804	7.0			0.69	1.9		9.1	9.1	98.5			0.08	10.4		26.93	11.40	20.44
32.0	1804	8.0			0.69	1.9		9.0	9.1	98.4			0.10	11.9		26.97	11.38	20.47
32.0	1804	9.0			0.69	1.9		9.1	9.1	98.6			0.11	12.7		26.99	11.38	20.49
32.0	1804	10.0			0.66	1.8		9.1	9.1	98.8			0.12	13.6		27.11	11.37	20.58
32.0	1804	11.0			0.65	1.7		9.1	9.1	99.0			0.14	14.9		27.15	11.37	20.61
32.0	1804	12.0			0.64	1.7		9.1	9.1	99.3			0.17	17.5		27.18	11.37	20.64
32.0	1804	13.0			0.65	1.7		9.1	9.1	99.3			0.20	20.1		27.22	11.37	20.66
32.0	1804	14.0	1.8	0.49	0.65	1.8		9.1	9.1	99.3			0.24	22.7		27.23	11.38	20.67
31.0	1752	1.0			0.70	1.9		8.6	8.5	92.7			0.07	9.6	1.1	26.99	11.40	20.49
31.0	1752	2.0			0.70	1.9		8.7	8.6	93.6			0.07	9.4		27.01	11.41	20.49
31.0	1752	3.0			0.72	2.0		8.8	8.7	94.5			0.07	9.4		27.06	11.43	20.53
31.0	1752	4.0			0.75	2.1		8.8	8.7	95.0			0.07	9.6		27.13	11.41	20.59
31.0	1752	5.0			0.74	2.1		8.8	8.8	95.6			0.08	10.2		27.20	11.41	20.64
31.0	1752	6.0			0.82	2.4		8.9	8.8	96.0			0.08	10.6		27.23	11.41	20.66
31.0	1752	7.0			0.82	2.3		8.9	8.8	96.2			0.08	10.4		27.25	11.41	20.68
31.0	1752	8.0			0.75	2.1		8.9	8.9	96.8			0.09	11.0		27.28	11.40	20.70
31.0	1752	9.0			0.72	2.0		8.9	8.9	96.8			0.09	11.4		27.28	11.40	20.71
31.0	1752	10.0			0.78	2.2		8.9	8.9	97.1			0.10	12.3		27.33	11.39	20.75
31.0	1752	11.0			0.80	2.3		9.0	9.0	97.5			0.12	13.2		27.36	11.38	20.77
31.0	1752	12.0			0.73	2.0		9.0	9.0	97.8			0.13	13.9		27.38	11.38	20.78
31.0	1752	13.0			0.71	2.0		9.0	9.0	98.0			0.14	15.1		27.40	11.38	20.80
31.0	1752	14.0			0.70	1.9		9.0	9.0	98.3			0.16	16.7		27.40	11.38	20.80

STN	TIME	DEPTH	DISCR		CHL a	FLUOR	CALC		DISCR	OXYG	CALC		% OXY	DISCR	OBS	CALC		EXCOF	SALIN	TEMP	SIGT
			CHL a	a+PHA			CHL a	OXYG			OXYG	OXYG				SPM	SPM				
31.0	1752	15.0				0.70	1.9			9.0	9.0	9.0	98.1		0.15	16.0			27.40	11.38	20.80
30.0	1733	1.0				0.82	2.4			9.2	9.3	9.3	101.0		0.04	7.0	1.0		27.52	11.43	20.89
30.0	1733	2.0	2.7	0.70		0.82	2.4		9.2	9.2	9.3	9.3	101.2	7.0	0.04	7.0			27.52	11.43	20.89
30.0	1733	3.0				0.80	2.3			9.3	9.3	9.3	101.7		0.04	6.9			27.52	11.44	20.89
30.0	1733	4.0				0.76	2.1			9.3	9.3	9.3	102.0		0.04	7.1			27.53	11.45	20.89
30.0	1733	5.0				0.72	2.0			9.3	9.4	9.4	102.3		0.04	7.0			27.54	11.46	20.90
30.0	1733	6.0				0.78	2.2			9.3	9.4	9.4	102.5		0.04	7.1			27.55	11.47	20.91
30.0	1733	7.0				0.79	2.3			9.3	9.4	9.4	102.2		0.04	7.0			27.57	11.47	20.92
30.0	1733	8.0				0.72	2.0			9.3	9.3	9.3	102.1		0.04	7.2			27.59	11.46	20.94
30.0	1733	9.0				0.68	1.9			9.3	9.3	9.3	101.9		0.05	7.9			27.61	11.45	20.95
30.0	1733	10.0				0.68	1.8			9.3	9.3	9.3	101.8		0.06	8.9			27.63	11.44	20.97
30.0	1733	11.0				0.70	1.9			9.3	9.3	9.3	101.8		0.07	9.7			27.64	11.44	20.98
30.0	1733	12.0				0.70	1.9			9.2	9.3	9.3	101.7		0.09	10.8			27.66	11.43	20.99
30.0	1733	13.0				0.67	1.8			9.2	9.3	9.3	101.6		0.10	12.1			27.67	11.43	21.00
30.0	1733	14.0	2.3	0.65		0.67	1.8			9.2	9.3	9.3	101.7		0.11	13.1			27.67	11.43	21.00
29.5	1720	1.0				0.86	2.5			8.6	8.5	8.5	93.2		0.08	10.4	1.1		27.71	11.53	21.01
29.5	1720	2.0				0.89	2.6			8.8	8.7	8.7	95.5		0.09	11.2			27.71	11.54	21.02
29.5	1720	3.0				0.86	2.5			8.8	8.8	8.8	96.1		0.09	11.6			27.71	11.54	21.02
29.5	1720	4.0				0.77	2.2			8.9	8.8	8.8	96.6		0.09	11.5			27.72	11.54	21.02
29.5	1720	5.0				0.74	2.1			8.9	8.9	8.9	97.0		0.12	13.4			27.72	11.53	21.02
29.5	1720	6.0				0.75	2.1			8.9	8.9	8.9	97.2		0.13	14.0			27.72	11.53	21.02
29.5	1720	7.0				0.77	2.2			8.9	8.9	8.9	97.5		0.14	15.3			27.72	11.53	21.02
29.5	1720	8.0				0.78	2.2			8.9	8.9	8.9	97.8		0.13	14.5			27.72	11.53	21.02
29.5	1720	9.0				0.80	2.3			9.0	8.9	8.9	98.0		0.14	15.1			27.72	11.53	21.02
29.5	1720	10.0				0.83	2.4			9.0	9.0	9.0	98.3		0.14	15.1			27.72	11.53	21.02
29.5	1720	11.0				0.82	2.4			9.0	9.0	9.0	98.5		0.16	16.7			27.72	11.53	21.02
29.5	1720	12.0				0.78	2.2			9.0	9.0	9.0	98.7		0.16	16.6			27.72	11.53	21.02
29.5	1720	13.0				0.77	2.2			9.0	9.0	9.0	98.7		0.15	16.2			27.72	11.53	21.02
29.5	1720	14.0				0.82	2.3			9.0	9.0	9.0	98.9		0.16	16.4			27.72	11.53	21.02
29.5	1720	15.0				0.82	2.4			9.1	9.1	9.1	99.2		0.16	16.5			27.72	11.53	21.02

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
29.5	1720	16.0			0.79	2.2		9.0	9.1	99.2		0.15	16.0		27.72	11.53	21.02
29.0	1708	1.0			1.31	4.1		9.2	9.3	101.4		0.05	7.6	1.0	27.62	11.58	20.94
29.0	1708	2.0			1.30	4.1		9.3	9.3	102.4		0.04	7.4		27.65	11.58	20.96
29.0	1708	3.0			1.16	3.6		9.2	9.3	102.0		0.04	7.5		27.69	11.58	21.00
29.0	1708	4.0			1.04	3.1		9.2	9.2	101.3		0.05	8.3		27.73	11.58	21.03
29.0	1708	5.0			0.98	2.9		9.2	9.2	100.8		0.06	9.0		27.75	11.58	21.04
29.0	1708	6.0			0.88	2.6		9.1	9.2	100.6		0.07	9.8		27.77	11.57	21.06
29.0	1708	7.0			0.80	2.3		9.1	9.1	100.3		0.09	10.8		27.78	11.57	21.06
29.0	1708	8.0			0.76	2.1		9.1	9.1	100.2		0.09	11.3		27.78	11.57	21.07
29.0	1708	9.0			0.72	2.0		9.1	9.1	100.1		0.11	12.6		27.80	11.57	21.08
29.0	1708	10.0			0.69	1.9		9.1	9.1	99.9		0.12	13.7		27.80	11.57	21.08
29.0	1708	11.0			0.71	2.0		9.1	9.1	100.0		0.14	14.8		27.80	11.57	21.08
29.0	1708	12.0			0.79	2.2		9.1	9.1	100.0		0.13	14.5		27.80	11.57	21.08
29.0	1708	13.0			0.81	2.3		9.1	9.1	100.2		0.14	14.7		27.80	11.57	21.08
29.0	1708	14.0			0.74	2.1		9.1	9.1	100.1		0.14	14.9		27.80	11.57	21.08
29.0	1708	15.0			0.71	1.9		9.1	9.1	100.2		0.14	14.9		27.80	11.57	21.08
29.0	1708	16.0			0.71	2.0		9.1	9.2	100.4		0.14	15.2		27.80	11.57	21.08
28.0	1654	1.0			0.71	2.0		8.5	8.4	92.3		0.09	10.9	1.1	27.77	11.55	21.06
28.0	1654	2.0			0.73	2.0		8.7	8.6	94.5		0.09	11.0		27.77	11.56	21.06
28.0	1654	3.0			0.76	2.1		8.8	8.7	95.4		0.09	10.9		27.77	11.56	21.06
28.0	1654	4.0			0.78	2.2		8.8	8.8	96.0		0.09	11.4		27.77	11.56	21.06
28.0	1654	5.0			0.78	2.2		8.9	8.8	96.6		0.09	11.3		27.77	11.56	21.06
28.0	1654	6.0			0.79	2.2		8.9	8.9	97.1		0.10	12.3		27.77	11.56	21.06
28.0	1654	7.0			0.83	2.4		8.9	8.9	97.3		0.10	12.3		27.77	11.56	21.06
28.0	1654	8.0			0.85	2.5		8.9	8.9	97.7		0.10	11.9		27.77	11.56	21.06
28.0	1654	9.0			0.80	2.3		9.0	9.0	98.1		0.10	12.2		27.77	11.56	21.06
28.0	1654	10.0			0.79	2.2		9.0	9.0	98.3		0.10	12.1		27.77	11.56	21.06
28.0	1654	11.0			0.78	2.2		9.0	9.0	98.3		0.11	12.4		27.77	11.56	21.06
28.0	1654	12.0			0.78	2.2		9.0	9.0	98.8		0.11	12.7		27.77	11.56	21.06
28.0	1654	13.0			0.79	2.3		9.0	9.0	98.9		0.11	12.8		27.77	11.56	21.06

STN	TIME	DEPTH	DISCR		CHL a/ a+PHA	FLUOR	CHL a	DISCR	OXYG	OXYG	CALC	CHL a	DISCR	OXYG	OXYG	CALC	% OXY	DISCR		OBS	CALC		EXCOF	SALIN	TEMP	SIGT
			CHL a	a+PHA														SPM	SAT		SPM	SPM				
28.0	1654	14.0				0.88	2.6			9.0	9.1	99.3			0.12	13.4				0.12	13.4		27.78	11.56	21.06	
28.0	1654	15.0				1.03	3.1			9.0	9.1	99.2			0.11	13.1				0.11	13.1		27.78	11.56	21.06	
28.0	1654	16.0				1.04	3.2			9.0	9.0	99.2			0.12	13.5				0.12	13.5		27.78	11.56	21.06	
27.0	1641	1.0				0.71	2.0			9.0	9.0	99.1			0.10	11.9				0.10	11.9	1.2	27.79	11.60	21.07	
27.0	1641	2.0	2.4	0.67		0.72	2.0	8.9		9.1	9.1	99.5	11.4		0.09	11.3				0.09	11.3		27.79	11.60	21.07	
27.0	1641	3.0				0.70	1.9			9.1	9.1	99.9			0.09	11.5				0.09	11.5		27.79	11.60	21.07	
27.0	1641	4.0				0.71	2.0			9.1	9.1	100.0			0.09	11.3				0.09	11.3		27.79	11.60	21.07	
27.0	1641	5.0				0.79	2.2			9.1	9.1	100.2			0.09	11.4				0.09	11.4		27.79	11.61	21.06	
27.0	1641	6.0				0.79	2.3			9.1	9.1	100.3			0.10	11.7				0.10	11.7		27.79	11.61	21.06	
27.0	1641	7.0				0.77	2.2			9.1	9.2	100.6			0.10	11.7				0.10	11.7		27.79	11.61	21.06	
27.0	1641	8.0				0.87	2.5			9.1	9.2	100.5			0.10	12.0				0.10	12.0		27.79	11.61	21.06	
27.0	1641	9.0				0.89	2.6			9.1	9.2	100.7			0.12	13.2				0.12	13.2		27.79	11.60	21.06	
27.0	1641	10.0				0.85	2.5			9.1	9.2	100.8			0.12	13.2				0.12	13.2		27.79	11.60	21.06	
27.0	1641	11.0				0.87	2.5			9.1	9.2	100.7			0.12	13.1				0.12	13.1		27.79	11.61	21.06	
27.0	1641	12.0				0.90	2.6			9.2	9.2	101.1			0.12	13.4				0.12	13.4		27.79	11.61	21.06	
27.0	1641	13.0				0.87	2.5			9.2	9.2	101.1			0.12	13.3				0.12	13.3		27.79	11.61	21.06	
27.0	1641	14.0	2.3	0.63		0.85	2.5			9.2	9.2	101.1			0.12	13.6				0.12	13.6		27.79	11.61	21.06	
26.0	1628	1.0				0.59	1.5			9.1	9.2	100.5			0.13	13.9				0.13	13.9	1.2	27.72	11.63	21.01	
26.0	1628	2.0				0.58	1.5			9.2	9.2	100.9			0.12	13.8				0.12	13.8		27.72	11.63	21.01	
26.0	1628	3.0				0.59	1.5			9.1	9.2	100.8			0.12	13.8				0.12	13.8		27.72	11.63	21.01	
26.0	1628	4.0				0.58	1.5			9.1	9.2	100.8			0.12	13.8				0.12	13.8		27.72	11.63	21.01	
26.0	1628	5.0				0.57	1.5			9.2	9.2	100.9			0.13	14.2				0.13	14.2		27.72	11.63	21.01	
26.0	1628	6.0				0.56	1.4			9.2	9.2	100.9			0.13	14.1				0.13	14.1		27.73	11.63	21.01	
26.0	1628	7.0				0.56	1.4			9.2	9.2	100.9			0.13	14.5				0.13	14.5		27.73	11.63	21.01	
26.0	1628	8.0				0.56	1.4			9.2	9.2	101.0			0.13	14.5				0.13	14.5		27.73	11.63	21.01	
26.0	1628	9.0				0.57	1.5			9.2	9.2	100.9			0.13	14.6				0.13	14.6		27.73	11.62	21.01	
26.0	1628	10.0				0.58	1.5			9.2	9.2	101.0			0.14	15.3				0.14	15.3		27.73	11.62	21.02	
26.0	1628	11.0				0.58	1.5			9.2	9.2	101.0			0.15	15.8				0.15	15.8		27.73	11.62	21.02	

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
25.0	1612	1.0			0.49	1.2		9.1	9.2	100.5	0.11	12.7	1.1	27.50	11.64	20.83
25.0	1612	2.0			0.49	1.2		9.1	9.2	100.6	0.10	12.3		27.50	11.64	20.83
25.0	1612	3.0			0.49	1.2		9.1	9.2	100.6	0.10	12.3		27.50	11.64	20.83
25.0	1612	4.0			0.49	1.2		9.2	9.2	100.7	0.11	12.7		27.50	11.64	20.83
25.0	1612	5.0			0.48	1.1		9.2	9.2	100.7	0.11	13.0		27.50	11.64	20.84
25.0	1612	6.0			0.47	1.1		9.2	9.2	101.0	0.12	13.3		27.51	11.64	20.84
25.0	1612	7.0			0.48	1.1		9.2	9.2	101.0	0.12	13.6		27.51	11.64	20.84
25.0	1612	8.0			0.47	1.1		9.2	9.2	101.1	0.12	13.5		27.51	11.64	20.84
25.0	1612	9.0			0.47	1.1		9.2	9.2	101.0	0.12	13.4		27.51	11.64	20.84
24.0	1556	1.0			0.52	1.3		9.1	9.2	100.3	0.13	14.2	1.2	27.42	11.65	20.77
24.0	1556	2.0	1.6	0.57	0.52	1.3	8.8	9.1	9.2	100.4	0.13	14.0		27.42	11.65	20.77
24.0	1556	3.0			0.53	1.3		9.1	9.1	100.2	0.13	14.2		27.42	11.65	20.77
24.0	1556	4.0			0.53	1.3		9.1	9.2	100.3	0.13	14.2		27.42	11.64	20.77
24.0	1556	5.0			0.53	1.3		9.1	9.2	100.5	0.15	15.7		27.43	11.64	20.78
24.0	1556	6.0			0.53	1.3		9.1	9.2	100.6	0.16	16.7		27.43	11.64	20.78
24.0	1556	7.0			0.52	1.3		9.1	9.2	100.4	0.17	17.2		27.43	11.64	20.78
24.0	1556	8.0			0.54	1.4		9.1	9.2	100.4	0.17	17.4		27.43	11.64	20.78
24.0	1556	9.0			0.57	1.5		9.1	9.2	100.6	0.19	18.6		27.43	11.64	20.78
24.0	1556	10.0			0.61	1.6		9.1	9.2	100.6	0.19	19.3		27.43	11.64	20.78
24.0	1556	11.0	1.9	0.65	0.62	1.6		9.1	9.2	100.5	0.20	19.6		27.43	11.64	20.78
23.0	1542	1.0			0.63	1.7		9.2	9.2	101.1	0.09	11.5	1.1	27.54	11.67	20.86
23.0	1542	2.0			0.65	1.7		9.2	9.2	101.1	0.09	10.8		27.54	11.67	20.86
23.0	1542	3.0			0.65	1.7		9.2	9.2	101.2	0.09	11.0		27.54	11.67	20.86
23.0	1542	4.0			0.61	1.6		9.2	9.2	101.1	0.09	10.8		27.54	11.67	20.86
23.0	1542	5.0			0.60	1.6		9.2	9.2	101.4	0.09	11.2		27.54	11.68	20.86
23.0	1542	6.0			0.61	1.6		9.2	9.2	101.4	0.09	11.4		27.55	11.68	20.86
23.0	1542	7.0			0.56	1.4		9.2	9.2	101.3	0.10	11.7		27.55	11.68	20.87
23.0	1542	8.0			0.53	1.3		9.2	9.2	101.4	0.10	12.3		27.58	11.69	20.89
23.0	1542	9.0			0.56	1.4		9.2	9.2	101.1	0.13	14.4		27.61	11.68	20.91
23.0	1542	10.0			0.65	1.7		9.2	9.2	101.2	0.18	18.3		27.63	11.68	20.93

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CALC	% OXY	DISCR	CALC	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
			CHL a			CHL a	OXYG	OXYG	SAT	SPM							
23.0	1542	11.0			0.68	1.9		9.2	9.2	101.2		0.25	24.1		27.66	11.68	20.95
23.0	1542	12.0			0.66	1.8		9.2	9.2	101.0		0.29	27.3		27.71	11.68	20.99
23.0	1542	13.0			0.68	1.8		9.2	9.2	101.0		0.38	34.1		27.74	11.69	21.01
23.0	1542	14.0			0.68	1.9		9.2	9.2	101.0		0.46	40.6		27.74	11.69	21.01
23.0	1542	15.0			0.70	1.9		9.1	9.2	100.8		0.51	44.6		27.74	11.68	21.01
23.0	1542	16.0			0.71	2.0		9.1	9.2	100.9		0.56	48.0		27.74	11.68	21.01
22.0	1526	1.0			0.58	1.5		9.2	9.3	102.8		0.10	12.3	1.2	28.09	11.80	21.26
22.0	1526	2.0			0.59	1.5		9.3	9.3	102.9		0.10	11.9		28.09	11.80	21.26
22.0	1526	3.0			0.69	1.9		9.2	9.3	102.8		0.10	11.9		28.09	11.80	21.27
22.0	1526	4.0			0.74	2.1		9.3	9.3	103.0		0.10	12.3		28.10	11.80	21.27
22.0	1526	5.0			0.70	1.9		9.3	9.3	103.2		0.11	12.4		28.09	11.80	21.27
22.0	1526	6.0			0.68	1.9		9.3	9.4	103.3		0.10	12.0		28.11	11.80	21.28
22.0	1526	7.0			0.62	1.6		9.3	9.4	103.4		0.10	12.3		28.13	11.80	21.30
22.0	1526	8.0			0.59	1.5		9.3	9.3	103.2		0.10	12.1		28.15	11.80	21.31
22.0	1526	9.0			0.61	1.6		9.3	9.4	103.3		0.10	12.3		28.17	11.80	21.33
22.0	1526	10.0			0.67	1.8		9.3	9.4	103.4		0.10	12.3		28.20	11.80	21.35
22.0	1526	11.0			0.69	1.9		9.3	9.3	103.2		0.14	15.3		28.42	11.82	21.52
22.0	1526	12.0			0.66	1.8		9.2	9.3	103.0		0.27	25.6		28.50	11.83	21.58
22.0	1526	13.0			0.65	1.7		9.2	9.3	102.9		0.31	28.7		28.52	11.83	21.60
22.0	1526	14.0			0.64	1.7		9.2	9.3	102.8		0.39	34.8		28.53	11.83	21.60
22.0	1526	15.0			0.66	1.8		9.2	9.3	102.8		0.43	37.9		28.53	11.83	21.60
22.0	1526	16.0			0.71	2.0		9.2	9.3	102.7		0.46	39.9		28.53	11.83	21.60
22.0	1526	17.0			0.72	2.0		9.2	9.3	102.8		0.48	41.9		28.53	11.83	21.60
22.0	1526	18.0			0.69	1.9		9.2	9.3	102.8		0.49	42.4		28.53	11.83	21.60
22.0	1526	19.0			0.71	1.9		9.2	9.3	102.7		0.50	43.7		28.53	11.83	21.60
21.0	1513	1.0			0.67	1.8		9.4	9.5	104.2		0.14	14.8	1.2	27.69	11.80	20.96
21.0	1513	2.0	2.6	0.54	0.67	1.8	9.0	9.3	9.4	103.9		0.14	14.7		27.80	11.80	21.04
21.0	1513	3.0			0.63	1.7		9.3	9.4	103.7		0.14	14.8		27.98	11.79	21.18
21.0	1513	4.0			0.61	1.6		9.3	9.4	103.6		0.16	16.8		28.09	11.79	21.26
21.0	1513	5.0			0.67	1.8		9.3	9.4	103.5		0.17	17.8		28.13	11.79	21.30

STN	TIME	DEPTH	DISCR		CHL a/ a+PHA	CHL a		DISCR	OXYG		CALC		% OXY		DISCR		OBS	CALC		EXCOF	SALIN	TEMP	SIGT
			CHL a	CHL a		FLUOR	CHL a		CHL a	OXYG	OXYG	OXYG	OXYG	SAT	SPM	SPM							
36.0	1315	1.0				1.84	7.6		9.5	9.3	101.7					0.31	29.4	2.1	24.22	12.44	18.16		
36.0	1315	2.0	3.5	0.75		2.05	8.7	9.3	9.5	9.3	101.0	24.8				0.31	29.1		24.52	12.24	18.43		
36.0	1315	3.0				2.07	8.8		9.4	9.2	100.2					0.32	29.9		24.62	12.14	18.52		
36.0	1315	4.0				2.18	9.5		9.5	9.2	100.3					0.32	30.3		24.78	11.99	18.67		
36.0	1315	5.0				2.33	10.3		9.5	9.3	100.7					0.33	30.8		25.12	11.88	18.95		
36.0	1315	6.0				2.44	11.0		9.5	9.3	100.9					0.33	30.8		25.25	11.86	19.05		
36.0	1315	7.0				2.62	11.9		9.6	9.3	101.4					0.33	30.5		25.36	11.84	19.15		
36.0	1315	8.0				2.83	13.2		9.6	9.4	101.7					0.32	30.3		25.41	11.83	19.18		
36.0	1315	9.0	9.5	0.83		2.81	13.1		9.6	9.4	102.0					0.33	31.0		25.42	11.83	19.20		
35.0	1303	1.0				2.59	11.8	10.0	9.8	9.5	103.9					0.23	21.0	1.9	25.50	12.07	19.22		
35.0	1303	2.0				2.90	13.5		9.9	9.6	104.5					0.28	26.0		25.69	11.80	19.41		
35.0	1303	3.0				2.94	13.8		10.0	9.7	105.4					0.29	26.9		25.72	11.79	19.43		
35.0	1303	4.0				2.96	13.9		10.0	9.7	105.9					0.27	25.3		25.74	11.82	19.44		
35.0	1303	5.0				2.95	13.8		10.1	9.8	106.4					0.24	22.4		25.83	11.78	19.52		
35.0	1303	6.0				2.98	14.0		10.1	9.8	106.5					0.24	22.3		25.87	11.75	19.55		
35.0	1303	7.0				3.05	14.4		10.1	9.8	106.7					0.26	24.3		25.88	11.75	19.56		
35.0	1303	8.0				3.21	15.3		10.1	9.8	106.6					0.26	23.9		25.88	11.74	19.56		
35.0	1303	9.0				3.23	15.4		10.1	9.8	107.0					0.27	24.8		25.88	11.74	19.56		
34.0	1251	1.0				3.15	15.0		10.3	10.0	108.9					0.26	24.1	1.9	25.82	11.80	19.51		
34.0	1251	2.0				3.19	15.2		10.3	10.0	108.3					0.28	26.5		25.84	11.68	19.55		
34.0	1251	3.0				3.12	14.8		10.2	9.9	107.7					0.31	28.9		25.85	11.66	19.55		
34.0	1251	4.0				3.10	14.7		10.2	9.9	107.4					0.31	29.0		25.90	11.64	19.60		
34.0	1251	5.0				3.18	15.2		10.2	9.9	107.4					0.34	31.8		25.96	11.63	19.64		
34.0	1251	6.0				3.15	15.0		10.2	9.9	107.5					0.39	36.8		25.98	11.62	19.66		
34.0	1251	7.0				3.14	14.9		10.2	9.9	107.4					0.47	44.0		25.99	11.62	19.67		
34.0	1251	8.0				3.18	15.1		10.2	9.9	107.4					0.52	49.7		26.00	11.62	19.67		
34.0	1251	9.0				3.16	15.0		10.2	9.9	107.3					0.56	53.2		26.01	11.62	19.68		
34.0	1251	10.0				3.14	14.9		10.2	9.9	107.5					0.62	58.5		26.02	11.62	19.69		
33.0	1235	1.0				3.02	14.2		9.7	9.5	103.4					0.16	14.5	1.5	25.83	11.95	19.48		
33.0	1235	2.0				3.04	14.3		9.8	9.5	104.2					0.15	13.5		25.99	11.86	19.63		

STW	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	CHL a	DISCR	OXYG	OXYG	CALC	% OXY	SAT	DISCR	SPM	OBS	CALC	EXCOF	SALIN	TEMP	SIGT
33.0	1235	3.0			3.06	14.5			9.9	9.6	104.6				15.4	0.17			26.10	11.74	19.73
33.0	1235	4.0			3.06	14.5			9.9	9.6	104.9				14.6	0.16			26.16	11.68	19.79
33.0	1235	5.0			3.07	14.5			9.9	9.6	104.8				15.0	0.17			26.28	11.59	19.90
33.0	1235	6.0			3.10	14.7			9.9	9.6	104.8				14.5	0.16			26.32	11.60	19.93
33.0	1235	7.0			3.12	14.8			9.9	9.7	105.0				17.4	0.19			26.39	11.57	19.98
33.0	1235	8.0			3.12	14.8			10.0	9.7	105.2				22.2	0.24			26.47	11.53	20.06
33.0	1235	9.0			3.12	14.8			10.0	9.7	105.2				28.3	0.30			26.51	11.52	20.09
33.0	1235	10.0			3.12	14.8			10.0	9.7	105.3				32.9	0.35			26.52	11.51	20.10
33.0	1235	11.0			3.13	14.8			10.0	9.7	105.3				38.5	0.41			26.54	11.50	20.12
33.0	1235	12.0			3.13	14.8			10.0	9.7	105.4				40.7	0.43			26.55	11.50	20.13
33.0	1235	13.0			3.13	14.8			10.0	9.7	105.5				41.2	0.44			26.56	11.50	20.13
32.0	1223	1.0			2.95	13.8			10.8	10.5	113.7				16.3	0.18		1.7	26.50	11.56	20.07
32.0	1223	2.0	15.6	0.82	2.95	13.8		9.9	10.8	10.4	113.1			18.0	18.0	0.20			26.63	11.48	20.18
32.0	1223	3.0			2.91	13.6			10.8	10.4	112.8				19.3	0.21			26.69	11.46	20.24
32.0	1223	4.0			2.88	13.5			10.7	10.3	112.4				20.6	0.22			26.70	11.46	20.24
32.0	1223	5.0			2.91	13.6			10.7	10.3	112.3				21.9	0.24			26.71	11.46	20.25
32.0	1223	6.0			2.94	13.8			10.7	10.3	112.3				20.8	0.23			26.71	11.47	20.25
32.0	1223	7.0			2.95	13.8			10.7	10.3	112.4				21.1	0.23			26.71	11.48	20.25
32.0	1223	8.0			2.95	13.9			10.7	10.3	112.5				20.4	0.22			26.73	11.48	20.27
32.0	1223	9.0			2.96	13.9			10.7	10.4	112.6				21.6	0.23			26.75	11.47	20.28
32.0	1223	10.0			2.95	13.8			10.7	10.4	112.6				22.6	0.24			26.76	11.47	20.29
32.0	1223	11.0			2.94	13.8			10.7	10.4	112.6				23.7	0.26			26.77	11.46	20.30
32.0	1223	12.0			2.95	13.8			10.7	10.4	112.5				28.1	0.30			26.79	11.45	20.32
32.0	1223	13.0			2.95	13.9			10.7	10.4	112.6				27.4	0.29			26.79	11.44	20.32
32.0	1223	14.0			2.96	13.9			10.7	10.4	112.6				28.7	0.31			26.79	11.44	20.32
32.0	1223	15.0	19.1	0.81	2.96	13.9			10.7	10.4	112.6				30.2	0.32			26.79	11.44	20.32
30.0	1140	1.0			1.47	5.4			10.9	10.5	114.9				14.1	0.16		1.7	27.08	11.48	20.53
30.0	1140	2.0			1.47	5.4			10.9	10.5	113.9			17.5	15.2	0.17			27.10	11.39	20.57
30.0	1140	3.0			1.48	5.5			10.8	10.4	113.2				15.4	0.17			27.11	11.35	20.58
30.0	1140	4.0			1.48	5.5			10.8	10.4	113.0				17.2	0.19			27.11	11.34	20.59
30.0	1140	5.0			1.49	5.5			10.7	10.4	112.7				19.3	0.21			27.11	11.33	20.59

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CHL a	OXYG	OXYG	CALC	% OXY	DISCR	OBS	SPM	CALC	EXCOF	SALIN	TEMP	SIGT
30.0	1140	6.0			1.49	5.6		10.7	10.4	112.6	0.22	20.0		27.11	11.32	20.59				
30.0	1140	7.0			1.50	5.6		10.7	10.4	112.5	0.22	20.6		27.11	11.32	20.59				
30.0	1140	8.0			1.51	5.7		10.7	10.4	112.5	0.24	22.3		27.11	11.32	20.59				
30.0	1140	9.0			1.51	5.7		10.7	10.3	112.3	0.25	23.6		27.11	11.32	20.59				
30.0	1140	10.0			1.52	5.7		10.7	10.3	112.3	0.26	23.9		27.11	11.32	20.59				
30.0	1140	11.0			1.53	5.8		10.7	10.3	112.2	0.27	25.1		27.11	11.32	20.59				
30.0	1140	12.0			1.53	5.8		10.7	10.3	112.1	0.28	26.5		27.11	11.31	20.59				
30.0	1140	13.0			1.54	5.8		10.7	10.3	112.0	0.30	28.1		27.11	11.31	20.59				
30.0	1140	14.0			1.54	5.9		10.7	10.3	111.9	0.30	28.1		27.11	11.31	20.59				
30.0	1140	15.0			1.54	5.9		10.7	10.3	112.0	0.30	27.7		27.11	11.32	20.59				
29.5	1118	1.0			2.74	12.6	10.2	10.2	9.9	107.2	0.24	22.6	1.8	27.17	11.36	20.63				
29.5	1118	2.0			2.74	12.6		10.2	9.9	107.3	0.24	22.6		27.17	11.37	20.62				
29.5	1118	3.0			2.74	12.6		10.2	9.9	107.5	0.23	21.5		27.17	11.36	20.63				
29.5	1118	4.0			2.74	12.6		10.2	9.9	107.3	0.23	21.3		27.17	11.35	20.63				
29.5	1118	5.0			2.74	12.6		10.2	9.9	107.4	0.25	23.1		27.17	11.35	20.63				
29.5	1118	6.0			2.74	12.6		10.2	9.9	107.6	0.26	24.3		27.17	11.35	20.63				
29.5	1118	7.0			2.74	12.6		10.2	9.9	107.6	0.27	24.8		27.17	11.35	20.63				
29.5	1118	8.0			2.73	12.6		10.2	9.9	107.5	0.30	28.3		27.17	11.35	20.63				
29.5	1118	9.0			2.73	12.6		10.2	9.9	107.5	0.32	30.3		27.17	11.35	20.63				
29.5	1118	10.0			2.73	12.6		10.2	9.9	107.6	0.34	31.7		27.17	11.35	20.63				
29.5	1118	11.0			2.73	12.6		10.2	9.9	107.6	0.37	34.7		27.17	11.35	20.63				
29.5	1118	12.0			2.73	12.6		10.2	9.9	107.6	0.40	37.3		27.17	11.35	20.63				
29.5	1118	13.0			2.73	12.6		10.2	9.9	107.7	0.43	40.7		27.17	11.36	20.63				
29.5	1118	14.0			2.73	12.6		10.2	9.9	107.7	0.46	43.4		27.17	11.36	20.63				
29.5	1118	15.0			2.73	12.6		10.2	9.9	107.8	0.47	44.8		27.17	11.36	20.63				
29.5	1118	16.0			2.73	12.6		10.2	9.9	107.8	0.51	48.0		27.17	11.36	20.63				
29.5	1118	17.0			2.73	12.6		10.2	9.9	107.4	0.58	54.6		27.17	11.36	20.63				
29.0	1107	1.0			2.80	13.0		9.6	9.4	102.0	0.25	22.6	1.8	27.21	11.34	20.66				
29.0	1107	2.0			2.83	13.2		9.6	9.4	102.1	0.28	26.5		27.21	11.33	20.66				
29.0	1107	3.0			2.84	13.2		9.6	9.4	102.2	0.30	27.6		27.21	11.33	20.66				
29.0	1107	4.0			2.84	13.2		9.7	9.4	102.2	0.32	29.6		27.20	11.33	20.66				

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STN	TIME	DEPTH	DISCR		CHL a	FLUOR	CALC	DISCR		CHL a	OXYG	OXYG	CALC	% OXY	DISCR		OBS	CALC		EXCOF	SALIN	TEMP	SIGT
			CHL a	CHL a				CHL a	OXYG						OXYG	SPM		SPM	SPM				
29.0	1107	5.0				2.84	13.2				9.7	9.4	102.3				0.30	27.7		27.21	11.33	20.66	
29.0	1107	6.0				2.84	13.2				9.7	9.4	102.4				0.31	28.7		27.21	11.33	20.66	
29.0	1107	7.0				2.84	13.2				9.7	9.4	102.5				0.39	36.9		27.21	11.33	20.66	
29.0	1107	8.0				2.84	13.2				9.7	9.4	102.6				0.46	42.9		27.20	11.33	20.66	
29.0	1107	9.0				2.85	13.2				9.7	9.5	102.9				0.48	45.6		27.20	11.33	20.66	
29.0	1107	10.0				2.84	13.2				9.7	9.5	102.9				0.46	43.5		27.20	11.33	20.66	
29.0	1107	11.0				2.84	13.2				9.7	9.5	103.0				0.44	41.5		27.20	11.33	20.66	
29.0	1107	12.0				2.84	13.2				9.7	9.5	103.0				0.42	39.3		27.21	11.33	20.66	
29.0	1107	13.0				2.84	13.2				9.7	9.5	103.1				0.61	58.0		27.20	11.33	20.66	
29.0	1107	14.0				2.84	13.2				9.8	9.5	103.2				0.69	66.0		27.20	11.33	20.66	
29.0	1107	15.0				2.84	13.2				9.8	9.5	103.4				0.65	61.6		27.20	11.33	20.66	
29.0	1107	16.0				2.84	13.2				9.8	9.5	103.3				0.81	76.9		27.20	11.33	20.66	
29.0	1107	17.0				2.84	13.2				9.8	9.5	103.4				0.84	79.7		27.20	11.33	20.66	
28.0	1050	1.0				1.41	5.1				9.0	8.8	96.2				0.21	18.9	1.5	27.17	11.35	20.63	
28.0	1050	2.0				1.45	5.3				9.0	8.8	95.9				0.20	18.3		27.18	11.34	20.64	
28.0	1050	3.0				1.37	4.9				9.0	8.8	95.9				0.19	17.8		27.19	11.29	20.65	
28.0	1050	4.0				1.42	5.1				9.0	8.8	96.0				0.20	18.7		27.19	11.28	20.66	
28.0	1050	5.0				1.45	5.3				9.0	8.8	95.9				0.24	22.0		27.19	11.28	20.66	
28.0	1050	6.0				1.51	5.7				9.0	8.9	96.1				0.29	27.3		27.19	11.28	20.66	
28.0	1050	7.0				1.54	5.8				9.0	8.9	96.2				0.33	31.2		27.19	11.27	20.66	
28.0	1050	8.0				1.55	5.9				9.0	8.9	96.2				0.36	33.5		27.19	11.27	20.66	
28.0	1050	9.0				1.70	6.7				9.0	8.9	96.3				0.38	36.2		27.19	11.27	20.66	
28.0	1050	10.0				1.68	6.7				9.1	8.9	96.3				0.44	41.6		27.19	11.27	20.66	
28.0	1050	11.0				1.68	6.6				9.1	8.9	96.4				0.48	44.9		27.19	11.27	20.66	
28.0	1050	12.0				1.77	7.1				9.1	8.9	96.3				0.50	47.0		27.19	11.27	20.66	
28.0	1050	13.0				1.86	7.7				9.1	8.9	96.5				0.51	48.7		27.19	11.28	20.66	
28.0	1050	14.0				1.90	7.9				9.1	8.9	96.6				0.54	51.1		27.19	11.28	20.66	
28.0	1050	15.0				2.00	8.5				9.1	8.9	96.7				0.58	55.3		27.19	11.28	20.65	
28.0	1050	16.0				2.23	9.7				9.1	8.9	96.7				0.65	62.0		27.18	11.28	20.65	
28.0	1050	17.0				2.24	9.8				9.1	8.9	96.6				0.74	70.8		27.18	11.28	20.65	

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CHL a	OXYG	% OXY	DISCR	OBS	CALC	EXCOF	SALIN	TEMP	SIGT
27.0	1039	1.0			1.40	5.1		8.9	8.7	94.8		0.21	19.3	1.7	27.16	11.36	20.62
27.0	1039	2.0	5.2	0.71	1.38	4.9	8.8	8.9	8.7	94.9		0.22	20.0		27.17	11.32	20.63
27.0	1039	3.0			1.32	4.6		8.9	8.7	94.9		0.24	22.1		27.17	11.31	20.63
27.0	1039	4.0			1.29	4.4		8.9	8.8	95.1		0.28	26.2		27.17	11.31	20.63
27.0	1039	5.0			1.39	5.0		8.9	8.8	95.1		0.30	27.8		27.17	11.30	20.63
27.0	1039	6.0			1.51	5.7		8.9	8.8	95.3		0.32	30.1		27.17	11.30	20.64
27.0	1039	7.0			1.63	6.3		8.9	8.8	95.4		0.35	33.2		27.17	11.30	20.64
27.0	1039	8.0			1.60	6.2		9.0	8.8	95.4		0.37	34.4		27.17	11.30	20.64
27.0	1039	9.0			1.61	6.2		9.0	8.8	95.6		0.39	36.8		27.17	11.30	20.64
27.0	1039	10.0			1.59	6.1		9.0	8.8	95.7		0.43	40.3		27.17	11.30	20.64
27.0	1039	11.0			1.55	5.9		9.0	8.8	95.8		0.45	42.6		27.17	11.30	20.64
27.0	1039	12.0			1.71	6.8		9.0	8.8	95.8		0.50	46.9		27.17	11.30	20.64
27.0	1039	13.0			1.73	6.9		9.0	8.8	96.0		0.51	48.7		27.17	11.30	20.64
27.0	1039	14.0			1.62	6.3		9.0	8.8	95.9		0.53	50.1		27.17	11.31	20.64
27.0	1039	15.0	5.3	0.59	1.61	6.3		9.0	8.8	96.0		0.53	50.1		27.17	11.31	20.64
26.0	1025	1.0			0.97	2.6		8.8	8.6	93.6		0.44	41.2	2.4	26.93	11.40	20.44
26.0	1025	2.0			0.96	2.5		8.8	8.6	93.6	35.6	0.44	41.4		26.94	11.39	20.44
26.0	1025	3.0			0.96	2.6		8.8	8.6	93.7		0.46	43.2		26.94	11.39	20.44
26.0	1025	4.0			1.00	2.8		8.8	8.6	93.6		0.47	44.3		26.94	11.39	20.44
26.0	1025	5.0			1.05	3.1		8.8	8.6	93.7		0.49	46.4		26.94	11.39	20.44
26.0	1025	6.0			1.04	3.0		8.8	8.6	93.8		0.53	49.7		26.94	11.39	20.44
26.0	1025	7.0			1.03	2.9		8.8	8.6	93.8		0.54	51.0		26.94	11.39	20.45
26.0	1025	8.0			1.04	3.0		8.8	8.6	93.8		0.55	52.1		26.94	11.39	20.45
26.0	1025	9.0			1.06	3.1		8.8	8.7	94.0		0.59	55.8		26.95	11.39	20.45
26.0	1025	10.0			1.06	3.1		8.8	8.6	94.0		0.66	62.9		26.96	11.39	20.46
26.0	1025	11.0			1.04	3.0		8.8	8.6	94.0		0.76	71.9		26.96	11.39	20.46
26.0	1025	12.0			1.05	3.0		8.8	8.7	94.1		0.81	77.5		26.96	11.39	20.46
25.0	1010	1.0			0.69	1.0		8.6	8.5	91.7		0.36	33.9	2.2	26.56	11.45	20.14
25.0	1010	2.0			0.68	1.0		8.6	8.5	91.9		0.42	39.4		26.56	11.45	20.14
25.0	1010	3.0			0.70	1.1		8.6	8.5	91.9		0.43	40.1		26.56	11.45	20.14
25.0	1010	4.0			0.73	1.2		8.6	8.5	91.8		0.44	41.6		26.57	11.44	20.15

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CHL a	OXYG	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
25.0	1010	5.0			0.73	1.2			8.6	8.5		0.47	44.8		26.58	11.44	20.16
25.0	1010	6.0			0.73	1.3			8.6	8.5		0.49	46.4		26.58	11.43	20.16
25.0	1010	7.0			0.75	1.3			8.6	8.5		0.53	50.3		26.58	11.44	20.16
25.0	1010	8.0			0.76	1.4			8.6	8.5		0.52	49.1		26.58	11.43	20.16
25.0	1010	9.0			0.74	1.3			8.6	8.5		0.55	51.9		26.58	11.43	20.16
25.0	1010	10.0			0.72	1.2			8.6	8.5		0.57	54.0		26.58	11.43	20.16
24.0	0955	1.0			0.85	1.9			8.5	8.4		0.80	75.9	3.3	26.39	11.69	19.96
24.0	0955	2.0	2.1	0.29	0.86	2.0	8.2		8.5	8.4	80.0	0.80	76.1		26.39	11.69	19.96
24.0	0955	3.0			0.85	1.9			8.5	8.4		0.85	81.1		26.39	11.69	19.96
24.0	0955	4.0			0.86	2.0			8.5	8.4		0.90	85.8		26.39	11.69	19.96
24.0	0955	5.0			0.88	2.1			8.5	8.4		0.94	89.4		26.39	11.69	19.96
24.0	0955	6.0			0.89	2.2			8.5	8.4		0.99	94.2		26.39	11.68	19.96
24.0	0955	7.0			0.92	2.3			8.5	8.4		1.03	98.4		26.39	11.68	19.97
24.0	0955	8.0			0.94	2.4			8.5	8.4		1.14	108.7		26.39	11.68	19.97
24.0	0955	9.0			0.96	2.5			8.5	8.4		1.18	113.1		26.39	11.68	19.97
24.0	0955	10.0			0.96	2.6			8.6	8.4		1.24	118.1		26.39	11.68	19.97
24.0	0955	11.0			0.98	2.7			8.5	8.4		1.30	124.3		26.39	11.68	19.97
24.0	0955	12.0	2.2	0.25	0.99	2.7			8.6	8.4		1.34	128.4		26.39	11.68	19.97
23.0	0941	1.0			0.79	1.6			8.4	8.3		0.71	67.5	3.4	27.03	11.79	20.45
23.0	0941	2.0			0.80	1.7			8.4	8.3	70.7	0.75	71.0		27.03	11.79	20.44
23.0	0941	3.0			0.83	1.8			8.4	8.3		0.74	70.2		27.03	11.79	20.44
23.0	0941	4.0			0.84	1.9			8.4	8.3		0.75	71.8		27.03	11.79	20.44
23.0	0941	5.0			0.83	1.8			8.5	8.3		0.77	73.7		27.03	11.79	20.44
23.0	0941	6.0			0.82	1.8			8.5	8.3		0.79	74.9		27.03	11.79	20.44
23.0	0941	7.0			0.82	1.8			8.5	8.4		0.78	74.1		27.03	11.79	20.44
23.0	0941	8.0			0.84	1.9			8.5	8.4		0.80	75.8		27.03	11.79	20.44
23.0	0941	9.0			0.87	2.0			8.5	8.4		0.83	79.3		27.02	11.79	20.44
23.0	0941	10.0			0.87	2.0			8.5	8.4		0.86	82.3		27.02	11.79	20.44
23.0	0941	11.0			0.84	1.9			8.5	8.4		0.84	80.0		27.02	11.79	20.44
23.0	0941	12.0			0.83	1.8			8.5	8.4		0.87	83.2		27.02	11.79	20.44
23.0	0941	13.0			0.84	1.9			8.5	8.4		0.85	80.7		27.02	11.79	20.44

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	OXYG	OXYG	CALC	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
23.0	0941	14.0			0.88	2.1		8.5	8.4	91.8			0.88	84.4		27.02	11.79	20.43
23.0	0941	15.0			0.93	2.4		8.5	8.4	91.9			0.99	94.4		27.01	11.79	20.43
23.0	0941	16.0			0.92	2.3		8.5	8.4	91.8			1.04	99.1		27.01	11.79	20.43
23.0	0941	17.0			0.90	2.2		8.5	8.4	91.9			1.09	104.5		27.01	11.79	20.43
22.0	0925	1.0			0.71	1.1		8.4	8.3	91.2			0.22	19.8	1.5	27.27	11.83	20.63
22.0	0925	2.0			0.68	1.0		8.4	8.3	91.3			0.22	19.8		27.27	11.83	20.63
22.0	0925	3.0			0.71	1.1		8.4	8.3	91.3			0.22	20.4		27.29	11.83	20.64
22.0	0925	4.0			0.69	1.0		8.4	8.3	91.4			0.23	20.9		27.34	11.83	20.67
22.0	0925	5.0			0.66	0.8		8.4	8.3	91.5			0.23	21.4		27.38	11.83	20.71
22.0	0925	6.0			0.66	0.9		8.4	8.3	91.7			0.24	22.6		27.43	11.84	20.74
22.0	0925	7.0			0.66	0.9		8.4	8.3	91.7			0.25	23.0		27.44	11.84	20.75
22.0	0925	8.0			0.66	0.8		8.4	8.3	91.8			0.25	23.0		27.46	11.84	20.77
22.0	0925	9.0			0.66	0.8		8.4	8.3	91.7			0.25	23.5		27.46	11.84	20.77
22.0	0925	10.0			0.66	0.8		8.5	8.3	91.8			0.25	23.5		27.48	11.84	20.78
22.0	0925	11.0			0.65	0.8		8.5	8.4	91.9			0.25	23.0		27.48	11.84	20.78
22.0	0925	12.0			0.66	0.9		8.5	8.4	91.9			0.25	23.2		27.49	11.84	20.79
22.0	0925	13.0			0.75	1.3		8.5	8.4	92.0			0.25	22.8		27.49	11.84	20.80
22.0	0925	14.0			0.76	1.4		8.5	8.4	92.0			0.25	22.7		27.51	11.85	20.80
22.0	0925	15.0			0.69	1.0		8.5	8.4	92.1			0.24	22.5		27.51	11.85	20.81
22.0	0925	16.0			0.66	0.8		8.5	8.4	92.1			0.25	23.6		27.51	11.85	20.81
22.0	0925	17.0			0.66	0.8		8.5	8.4	92.1			0.24	22.6		27.52	11.85	20.81
22.0	0925	18.0			0.65	0.8		8.5	8.4	92.2			0.25	23.5		27.51	11.85	20.81
22.0	0925	19.0			0.64	0.7		8.5	8.4	92.2			0.25	22.6		27.50	11.84	20.80
21.0	0908	1.0			0.65	0.8		8.7	8.6	94.0			0.13	11.8	1.3	26.89	11.82	20.33
21.0	0908	2.0	1.7	0.52	0.65	0.8	8.3	8.7	8.6	94.1		16.2	0.14	12.0		27.32	11.85	20.66
21.0	0908	3.0			0.66	0.8		8.7	8.5	94.0			0.17	15.0		27.78	11.88	21.01
21.0	0908	4.0			0.67	0.9		8.7	8.5	94.1			0.24	22.3		27.89	11.89	21.09
21.0	0908	5.0			0.68	0.9		8.7	8.5	94.2			0.29	26.7		27.96	11.90	21.15
21.0	0908	6.0			0.70	1.1		8.7	8.5	94.4			0.35	32.9		28.04	11.90	21.21
21.0	0908	7.0			0.72	1.2		8.7	8.5	94.3			0.41	38.2		28.09	11.91	21.24
21.0	0908	8.0			0.73	1.3		8.6	8.5	94.1			0.44	41.1		28.10	11.91	21.26

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36.0	0739	1.0			6.42	27.2		9.9	10.5	120.0				0.20	20.4	2.1	23.89	14.48	17.53
36.0	0739	2.0	21.9	0.80	6.43	27.3	10.6	10.2	10.8	122.7		18.3		0.20	20.2		24.43	14.28	17.98
36.0	0739	3.0			6.44	27.3		10.3	10.9	124.5				0.17	18.2		24.62	14.23	18.14
36.0	0739	4.0			6.44	27.4		10.4	11.0	125.3				0.17	18.2		24.68	14.21	18.19
36.0	0739	5.0			6.43	27.3		10.5	11.1	126.0				0.19	19.5		24.74	14.18	18.24
36.0	0739	6.0			6.43	27.3		10.6	11.2	126.9				0.22	21.7		24.81	14.14	18.30
36.0	0739	7.0			6.44	27.4		10.7	11.2	127.8				0.23	22.3		24.88	14.09	18.37
36.0	0739	8.0	37.4	0.91	6.44	27.4		10.7	11.3	128.1				0.26	24.2		24.90	14.08	18.38
35.0	0753	1.0			6.19	26.1		10.3	10.9	124.2				0.14	16.4	1.8	24.65	14.13	18.18
35.0	0753	2.0			6.23	26.3		10.6	11.2	126.8				0.14	16.0		24.90	14.04	18.39
35.0	0753	3.0			6.25	26.4		10.7	11.3	128.3				0.14	16.6		24.99	14.01	18.47
35.0	0753	4.0			6.25	26.4		10.8	11.4	129.1				0.16	17.3		25.05	13.98	18.52
35.0	0753	5.0			6.26	26.4		10.9	11.5	129.9				0.17	18.6		25.10	13.96	18.56
35.0	0753	6.0			6.24	26.3		11.0	11.5	130.6				0.18	19.2		25.18	13.92	18.63
35.0	0753	7.0			6.23	26.3		11.0	11.6	131.2				0.20	20.5		25.23	13.89	18.68
35.0	0753	8.0			6.25	26.4		11.1	11.7	132.3				0.22	21.4		25.34	13.84	18.77
35.0	0753	9.0			6.24	26.4		11.2	11.7	132.9				0.23	22.4		25.36	13.82	18.79
34.0	0805	1.0			6.14	25.9		11.4	11.9	135.5				0.18	19.1	2.0	25.14	13.94	18.59
34.0	0805	2.0			6.14	25.9		11.4	11.9	135.5				0.18	19.2		25.16	13.93	18.61
34.0	0805	3.0			6.14	25.9		11.4	12.0	135.6				0.18	19.0		25.18	13.92	18.63
34.0	0805	4.0			6.14	25.9		11.4	12.0	135.7				0.18	19.1		25.20	13.91	18.64
34.0	0805	5.0			6.14	25.9		11.4	12.0	135.8				0.18	19.0		25.22	13.90	18.66
34.0	0805	6.0			6.14	25.8		11.5	12.0	136.0				0.19	19.5		25.26	13.88	18.70
34.0	0805	7.0			6.14	25.8		11.5	12.0	136.1				0.21	21.2		25.28	13.87	18.72
34.0	0805	8.0			6.14	25.8		11.5	12.0	136.2				0.22	21.9		25.30	13.86	18.73
34.0	0805	9.0			6.14	25.8		11.5	12.0	136.4				0.27	24.8		25.31	13.85	18.74
33.0	0820	1.0			5.94	24.9		11.6	12.1	137.5				0.19	19.5	2.0	25.41	13.80	18.83
33.0	0820	2.0			5.94	24.8		11.6	12.2	137.7				0.19	19.5		25.45	13.78	18.86
33.0	0820	3.0			5.94	24.9		11.7	12.2	137.9				0.19	19.6		25.46	13.77	18.88
33.0	0820	4.0			5.94	24.9		11.7	12.2	137.9				0.20	20.4		25.48	13.76	18.89

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33.0	0820	5.0			5.94	24.9			11.7	12.2	138.1		0.21	21.1			25.51	13.74	18.92
33.0	0820	6.0			5.94	24.9			11.7	12.2	138.5		0.22	21.4			25.52	13.73	18.93
33.0	0820	7.0			5.94	24.9			11.7	12.2	138.5		0.23	22.2			25.55	13.72	18.95
33.0	0820	8.0			5.94	24.9			11.7	12.2	138.5		0.28	25.6			25.53	13.73	18.94
33.0	0820	9.0			5.94	24.9			11.7	12.3	138.8		0.30	26.6			25.58	13.72	18.97
33.0	0820	10.0			5.94	24.9			11.8	12.3	138.9		0.31	27.8			25.58	13.72	18.97
33.0	0820	11.0			5.94	24.9			11.8	12.3	139.1		0.38	32.5			25.58	13.72	18.98
33.0	0820	12.0			5.94	24.9			11.8	12.3	139.0		0.44	36.5			25.58	13.72	18.98
33.0	0820	13.0			5.94	24.9			11.8	12.3	139.0		0.50	40.4			25.58	13.72	18.98
31.0	0850	1.0			5.69	23.6			11.8	12.3	139.3		0.14	16.6		1.9	25.75	13.64	19.13
31.0	0850	2.0			5.69	23.6			11.7	12.3	138.4		0.16	17.8			25.92	13.51	19.27
31.0	0850	3.0			5.69	23.6			11.7	12.2	138.1		0.17	18.6			25.99	13.45	19.34
31.0	0850	4.0			5.69	23.6			11.7	12.2	137.9		0.19	19.9			26.04	13.42	19.39
31.0	0850	5.0			5.69	23.6			11.7	12.2	137.6		0.24	22.9			26.07	13.39	19.42
31.0	0850	6.0			5.69	23.6			11.7	12.2	137.2		0.24	22.9			26.11	13.35	19.45
31.0	0850	7.0			5.69	23.6			11.6	12.1	136.6		0.25	23.5			26.14	13.32	19.48
31.0	0850	8.0			5.69	23.6			11.6	12.1	136.1		0.25	23.8			26.18	13.28	19.52
31.0	0850	9.0			5.69	23.6			11.5	12.0	135.4		0.28	25.4			26.21	13.25	19.55
31.0	0850	10.0			5.69	23.6			11.5	12.0	134.9		0.27	24.8			26.26	13.21	19.59
31.0	0850	11.0			5.69	23.6			11.4	12.0	134.6		0.29	26.1			26.31	13.16	19.64
31.0	0850	12.0			5.69	23.6			11.4	12.0	134.5		0.33	28.8			26.31	13.16	19.65
31.0	0850	13.0			5.69	23.6			11.4	11.9	134.3		0.36	30.6			26.33	13.15	19.66
31.0	0850	14.0			5.69	23.6			11.5	12.0	134.8		0.47	38.3			26.34	13.15	19.67
30.0	0904	1.0			5.50	22.7			11.7	12.3	138.3		0.08	12.2		1.6	26.11	13.41	19.45
30.0	0904	2.0	24.1	0.71	5.50	22.7			11.6	12.1	136.0	14.1	0.09	12.9			26.30	13.22	19.63
30.0	0904	3.0			5.48	22.6			11.5	12.0	134.9		0.14	16.3			26.40	13.13	19.72
30.0	0904	4.0			5.42	22.3			11.4	12.0	134.4		0.19	19.6			26.42	13.12	19.73
30.0	0904	5.0			5.42	22.3			11.4	11.9	134.0		0.21	21.2			26.45	13.09	19.76
30.0	0904	6.0			5.47	22.5			11.3	11.9	133.4		0.25	23.8			26.49	13.05	19.80
30.0	0904	7.0			5.49	22.6			11.3	11.9	133.3		0.37	31.4			26.52	13.03	19.83
30.0	0904	8.0			5.50	22.7			11.3	11.9	133.1		0.40	33.8			26.52	13.03	19.83

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30.0	0904	9.0			5.50	22.7			11.3	11.9	133.0	0.43	35.2		26.52	13.02	19.83
30.0	0904	10.0			5.48	22.6			11.3	11.8	133.0	0.44	36.0		26.53	13.02	19.84
30.0	0904	11.0			5.40	22.2			11.3	11.8	132.7	0.50	40.3		26.53	13.02	19.84
30.0	0904	12.0			5.38	22.1			11.3	11.8	132.8	0.62	47.9		26.54	13.01	19.85
30.0	0904	13.0			5.45	22.4			11.3	11.8	132.7	0.62	48.2		26.54	13.01	19.85
30.0	0904	14.0	19.5	0.66	5.44	22.4			11.3	11.8	132.8	0.80	59.9		26.54	13.01	19.85
29.5	0920	1.0			5.42	22.3			12.0	12.5	142.2	0.17	18.1	1.9	26.31	13.66	19.55
29.5	0920	2.0			5.42	22.3			11.7	12.3	138.9	0.18	19.0		26.35	13.50	19.61
29.5	0920	3.0			5.42	22.3			11.5	12.0	135.7	0.19	19.3		26.39	13.35	19.67
29.5	0920	4.0			5.38	22.1			11.4	11.9	134.0	0.18	18.8		26.49	13.16	19.78
29.5	0920	5.0			5.33	21.8			11.3	11.9	133.2	0.17	18.5		26.58	13.05	19.87
29.5	0920	6.0			5.35	21.9			11.3	11.9	133.1	0.17	18.4		26.60	13.03	19.89
29.5	0920	7.0			5.39	22.2			11.3	11.8	133.0	0.21	21.0		26.61	13.02	19.90
29.5	0920	8.0			5.37	22.1			11.3	11.8	132.9	0.24	22.7		26.61	13.02	19.90
29.5	0920	9.0			5.37	22.0			11.3	11.8	132.9	0.28	25.5		26.61	13.02	19.90
29.5	0920	10.0			5.40	22.2			11.3	11.8	133.0	0.32	28.0		26.61	13.02	19.90
29.5	0920	11.0			5.41	22.2			11.3	11.8	132.8	0.34	29.2		26.61	13.02	19.90
29.5	0920	12.0			5.41	22.2			11.3	11.8	132.8	0.37	31.2		26.62	13.02	19.91
29.5	0920	13.0			5.40	22.2			11.3	11.8	132.9	0.38	32.2		26.62	13.02	19.91
29.5	0920	14.0			5.32	21.8			11.3	11.8	132.7	0.41	34.2		26.62	13.02	19.91
29.5	0920	15.0			5.27	21.5			11.3	11.8	132.6	0.43	35.6		26.62	13.02	19.91
29.5	0920	16.0			5.29	21.6			11.3	11.8	132.8	0.44	36.3		26.62	13.02	19.91
29.0	0940	1.0			5.20	21.2			11.1	11.6	130.9	0.11	14.6	1.7	26.63	13.13	19.89
29.0	0940	2.0			5.27	21.6			11.0	11.6	129.9	0.12	15.2		26.66	13.04	19.94
29.0	0940	3.0			5.29	21.6			11.0	11.5	129.5	0.16	17.7		26.66	13.03	19.94
29.0	0940	4.0			5.28	21.6			11.0	11.5	129.6	0.21	21.1		26.67	13.03	19.94
29.0	0940	5.0			5.27	21.6			11.0	11.5	129.5	0.24	23.2		26.67	13.03	19.94
29.0	0940	6.0			5.30	21.7			11.0	11.5	129.5	0.25	23.6		26.67	13.03	19.94
29.0	0940	7.0			5.31	21.7			11.0	11.5	129.5	0.28	25.3		26.67	13.03	19.95
29.0	0940	8.0			5.29	21.7			11.0	11.5	129.5	0.31	27.8		26.68	13.02	19.95
29.0	0940	9.0			5.29	21.6			11.0	11.5	129.5	0.34	29.9		26.68	13.02	19.95

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STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CHL a	OXYG	OXYG	CALC	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
29.0	0940	10.0			5.28	21.6			11.0	11.5	129.6			0.39	32.6		26.68	13.02	19.95
29.0	0940	11.0			5.20	21.2			11.0	11.5	129.5			0.41	34.2		26.68	13.02	19.96
29.0	0940	12.0			5.20	21.2			11.0	11.5	129.6			0.44	36.0		26.68	13.02	19.96
29.0	0940	13.0			5.28	21.6			11.0	11.5	129.7			0.45	37.0		26.68	13.02	19.96
29.0	0940	14.0			5.30	21.7			11.0	11.5	129.5			0.48	39.1		26.68	13.02	19.96
29.0	0940	15.0			5.30	21.7			11.0	11.5	129.5			0.50	39.9		26.68	13.02	19.96
28.0	1032	1.0			4.95	20.0			11.1	11.7	131.2			0.13	15.8	1.7	26.67	13.11	19.93
28.0	1032	2.0			5.02	20.3			11.1	11.6	130.7			0.14	16.6		26.67	13.08	19.94
28.0	1032	3.0			5.06	20.5			11.1	11.6	130.7			0.17	18.5		26.68	13.07	19.94
28.0	1032	4.0			5.08	20.6			11.0	11.6	130.4			0.18	18.9		26.68	13.07	19.95
28.0	1032	5.0			5.06	20.5			11.0	11.6	130.2			0.19	19.4		26.68	13.07	19.95
28.0	1032	6.0			5.05	20.4			11.0	11.6	130.0			0.21	20.8		26.69	13.06	19.96
28.0	1032	7.0			5.06	20.5			11.0	11.6	130.0			0.22	21.7		26.69	13.06	19.96
28.0	1032	8.0			5.07	20.5			11.0	11.6	129.9			0.24	22.7		26.70	13.06	19.96
28.0	1032	9.0			5.07	20.6			11.0	11.6	130.1			0.24	23.1		26.70	13.06	19.96
28.0	1032	10.0			5.08	20.6			11.0	11.5	129.8			0.25	23.7		26.70	13.06	19.96
28.0	1032	11.0			5.09	20.6			11.0	11.6	129.9			0.26	24.0		26.70	13.06	19.97
28.0	1032	12.0			5.09	20.6			11.0	11.6	130.0			0.26	24.1		26.70	13.06	19.97
28.0	1032	13.0			5.06	20.5			11.0	11.6	129.9			0.25	23.9		26.70	13.06	19.97
28.0	1032	14.0			4.92	19.8			11.0	11.5	129.8			0.26	24.6		26.70	13.06	19.97
28.0	1032	15.0			4.89	19.7			11.0	11.5	129.8			0.29	26.2		26.71	13.05	19.97
27.0	1042	1.0			5.05	20.5			10.5	11.1	124.8			0.25	23.5	1.9	26.81	13.06	20.05
27.0	1042	2.0		0.69	5.06	20.5			10.5	11.1	124.6		26.2	0.27	25.0		26.81	13.07	20.05
27.0	1042	3.0			5.03	20.4			10.5	11.1	124.6			0.27	24.9		26.82	13.06	20.05
27.0	1042	4.0			4.89	19.6			10.5	11.1	124.4			0.28	25.2		26.82	13.06	20.05
27.0	1042	5.0			4.78	19.1			10.5	11.1	124.4			0.29	26.3		26.82	13.06	20.06
27.0	1042	6.0			4.85	19.5			10.4	11.0	124.2			0.31	27.3		26.82	13.06	20.06
27.0	1042	7.0			4.94	19.9			10.4	11.0	124.3			0.34	29.3		26.82	13.06	20.06
27.0	1042	8.0			5.01	20.3			10.4	11.0	124.2			0.35	30.5		26.82	13.06	20.06
27.0	1042	9.0			5.03	20.4			10.4	11.0	124.2			0.36	30.8		26.82	13.06	20.06
27.0	1042	10.0			5.06	20.5			10.4	11.0	124.2			0.40	33.6		26.82	13.06	20.06

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STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CALC	OXYG	% OXY	DISCR	OBS	SPM	CALC	EXCOF	SALIN	TEMP	SIGT
27.0	1042	11.0			5.06	20.5			10.4	11.0	124.1	0.48	38.7			26.82	13.06	20.06
27.0	1042	12.0	17.7	0.66	5.06	20.5			10.4	11.0	124.1	0.57	44.6			26.83	13.06	20.06
26.0	1054	1.0			4.29	16.7			9.9	10.5	118.3	0.27	25.0		2.0	26.93	13.14	20.13
26.0	1054	2.0			4.57	18.1			9.8	10.5	118.3	0.30	26.6			26.93	13.14	20.13
26.0	1054	3.0			4.41	17.3			9.8	10.5	118.3	0.31	27.4			26.93	13.13	20.13
26.0	1054	4.0			4.02	15.3			9.9	10.5	118.3	0.33	28.7			26.93	13.13	20.13
26.0	1054	5.0			4.13	15.9			9.8	10.5	118.3	0.33	29.1			26.93	13.13	20.13
26.0	1054	6.0			4.57	18.1			9.9	10.5	118.3	0.33	29.1			26.93	13.13	20.13
26.0	1054	7.0			4.73	18.9			9.8	10.5	118.2	0.34	29.3			26.93	13.13	20.13
26.0	1054	8.0			4.66	18.5			9.8	10.5	118.2	0.34	29.9			26.93	13.13	20.13
26.0	1054	9.0			4.66	18.5			9.8	10.5	118.2	0.38	32.5			26.93	13.13	20.13
26.0	1054	10.0			4.70	18.7			9.8	10.5	118.3	0.41	34.4			26.93	13.13	20.13
25.0	1109	1.0			1.96	5.2			9.0	9.7	109.0	0.17	18.2		1.5	26.96	12.99	20.18
25.0	1109	2.0			1.95	5.1			9.0	9.7	108.9	0.18	18.7			26.96	12.97	20.18
25.0	1109	3.0			2.17	6.2			9.0	9.7	108.8	0.18	18.9			26.96	12.95	20.19
25.0	1109	4.0			2.32	6.9			9.0	9.7	108.8	0.20	20.1			26.96	12.94	20.19
25.0	1109	5.0			2.16	6.1			9.0	9.7	108.9	0.22	21.8			26.96	12.94	20.19
25.0	1109	6.0			2.24	6.5			9.0	9.7	108.9	0.23	22.3			26.96	12.94	20.19
25.0	1109	7.0			2.31	6.9			9.0	9.7	108.7	0.24	22.7			26.96	12.93	20.19
24.0	1124	1.0			2.00	5.3			8.8	9.5	107.0	0.28	25.8		1.8	26.84	12.95	20.09
24.0	1124	2.0	6.2	0.62	2.07	5.7	9.5		8.8	9.5	106.9	0.27	24.9			26.84	12.94	20.09
24.0	1124	3.0			2.04	5.5			8.8	9.5	106.8	0.27	25.1			26.83	12.93	20.09
24.0	1124	4.0			1.86	4.6			8.8	9.5	106.7	0.30	26.8			26.83	12.92	20.09
24.0	1124	5.0			1.78	4.2			8.8	9.5	106.7	0.32	28.4			26.83	12.92	20.09
24.0	1124	6.0			1.97	5.2			8.8	9.5	106.8	0.34	29.3			26.83	12.91	20.09
24.0	1124	7.0			2.27	6.7			8.8	9.5	106.8	0.37	31.8			26.83	12.91	20.09
24.0	1124	8.0			2.36	7.1			8.8	9.5	106.9	0.38	32.3			26.83	12.91	20.09
24.0	1124	9.0			2.51	7.9			8.8	9.5	106.8	0.39	33.1			26.83	12.91	20.09
24.0	1124	10.0	7.4	0.60	2.59	8.3			8.8	9.5	106.8	0.40	33.7			26.83	12.91	20.09

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
23.0	1139	1.0			2.94	10.0		9.2	9.9	110.8	0.14	16.4	1.6	26.64	12.94	19.94
23.0	1139	2.0			3.01	10.3		9.2	9.9	110.7	0.17	18.5		26.65	12.91	19.95
23.0	1139	3.0			3.06	10.6		9.2	9.9	110.6	0.21	20.7		26.67	12.90	19.97
23.0	1139	4.0			3.01	10.3		9.2	9.9	110.8	0.22	21.8		26.69	12.90	19.98
23.0	1139	5.0			3.24	11.5		9.3	9.9	111.3	0.24	22.7		26.72	12.92	20.00
23.0	1139	6.0			3.71	13.8		9.3	10.0	111.8	0.24	23.1		26.76	12.95	20.03
23.0	1139	7.0			3.84	14.5		9.3	10.0	112.3	0.24	23.1		26.78	12.97	20.04
23.0	1139	8.0			3.74	14.0		9.4	10.0	112.7	0.24	23.2		26.80	12.99	20.05
23.0	1139	9.0			3.52	12.9		9.4	10.0	112.9	0.24	23.1		26.84	13.02	20.08
23.0	1139	10.0			3.39	12.2		9.4	10.1	113.1	0.24	23.1		26.87	13.02	20.10
23.0	1139	11.0			3.35	12.0		9.4	10.1	113.0	0.25	23.9		26.88	13.02	20.11
23.0	1139	12.0			3.30	11.8		9.4	10.1	113.1	0.25	23.9		26.89	13.02	20.11
23.0	1139	13.0			3.31	11.8		9.4	10.1	113.3	0.26	24.2		26.89	13.01	20.12
23.0	1139	14.0			3.56	13.1		9.4	10.1	113.3	0.27	25.0		26.89	13.01	20.12
23.0	1139	15.0			3.69	13.7		9.4	10.1	113.3	0.27	25.1		26.89	13.01	20.12
22.0	1200	1.0			1.37	2.2		8.3	9.1	101.3	0.10	14.0	1.3	26.55	12.82	19.89
22.0	1200	2.0			1.35	2.1		8.3	9.0	101.1	0.13	15.5		26.55	12.82	19.89
22.0	1200	3.0			1.39	2.3		8.3	9.0	101.1	0.15	16.9		26.56	12.81	19.90
22.0	1200	4.0			1.31	1.9		8.3	9.0	101.0	0.19	19.4		26.56	12.81	19.90
22.0	1200	5.0			1.13	1.0		8.3	9.0	101.0	0.21	21.1		26.56	12.81	19.90
22.0	1200	6.0			1.21	1.4		8.3	9.0	101.1	0.22	21.6		26.56	12.81	19.90
22.0	1200	7.0			1.32	2.0		8.3	9.0	101.1	0.22	21.5		26.57	12.81	19.91
22.0	1200	8.0			1.34	2.0		8.3	9.0	101.0	0.20	20.5		26.57	12.81	19.91
22.0	1200	9.0			1.33	2.0		8.3	9.0	101.0	0.21	21.0		26.57	12.81	19.91
22.0	1200	10.0			1.25	1.6		8.3	9.0	101.0	0.22	21.5		26.57	12.81	19.91
22.0	1200	11.0			1.28	1.8		8.3	9.0	101.0	0.25	23.3		26.58	12.81	19.91
22.0	1200	12.0			1.29	1.8		8.3	9.0	100.9	0.25	23.7		26.58	12.81	19.91
22.0	1200	13.0			1.19	1.3		8.3	9.0	100.8	0.25	23.8		26.58	12.81	19.91
22.0	1200	14.0			1.14	1.1		8.3	9.0	100.8	0.29	26.2		26.58	12.81	19.91
22.0	1200	15.0			1.27	1.7		8.3	9.0	100.9	0.29	26.3		26.58	12.81	19.91
22.0	1200	16.0			1.24	1.6		8.3	9.0	100.8	0.30	26.6		26.58	12.81	19.91
22.0	1200	17.0			1.14	1.1		8.3	9.0	100.7	0.32	28.1		26.58	12.81	19.91

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STN	TIME	DEPTH	DISCR	CHL a/	FLUOR	CALC	DISCR	CHL a	OXYG	OXYG	CALC	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
21.0	1214	1.0			1.56	3.2			8.2	8.9	99.9			0.09	13.3	1.2	26.37	13.05	19.72
21.0	1214	2.0	4.8	0.73	1.57	3.2	9.0		8.2	8.9	99.9		13.7	0.11	14.3		26.36	12.87	19.73
21.0	1214	3.0			1.65	3.6			8.2	9.0	100.0			0.11	14.6		26.36	12.83	19.74
21.0	1214	4.0			1.65	3.6			8.2	8.9	99.8			0.14	16.0		26.36	12.84	19.74
21.0	1214	5.0			1.59	3.3			8.2	9.0	100.1			0.14	16.5		26.36	12.83	19.74
21.0	1214	6.0			1.62	3.5			8.2	9.0	100.1			0.14	16.6		26.36	12.83	19.74
21.0	1214	7.0			1.58	3.3			8.2	9.0	100.1			0.16	17.8		26.36	12.83	19.75
21.0	1214	8.0			1.53	3.0			8.2	9.0	100.1			0.18	18.9		26.36	12.83	19.75
21.0	1214	9.0			1.55	3.1			8.2	9.0	100.2			0.18	19.0		26.37	12.83	19.75
21.0	1214	10.0			1.62	3.4			8.2	9.0	100.2			0.21	20.9		26.37	12.84	19.75
21.0	1214	11.0			1.63	3.5			8.2	9.0	100.4			0.22	21.3		26.37	12.84	19.75
21.0	1214	12.0			1.69	3.8			8.2	9.0	100.3			0.22	21.5		26.37	12.84	19.75
21.0	1214	13.0			1.75	4.1			8.2	9.0	100.4			0.22	21.7		26.37	12.84	19.75
21.0	1214	14.0			1.74	4.1			8.3	9.0	100.4			0.24	23.1		26.37	12.84	19.75
21.0	1214	15.0			1.78	4.2			8.3	9.0	100.4			0.27	24.6		26.37	12.84	19.75
21.0	1214	16.0			1.77	4.2			8.3	9.0	100.5			0.26	24.2		26.37	12.84	19.75
21.0	1214	17.0	4.3	0.48	1.73	4.0			8.3	9.0	100.5			0.27	24.8		26.37	12.84	19.75

	n	r ²	Slope	Inter.	Std. Err.
Fluorometer Calibration:	10	0.847	4.956	-4.569	4.395
OBS Calibration:	4	0.931	66.215	7.034	1.869
Dissolved Oxygen Calibration:	5	0.987	0.935	1.281	0.164

Seabird v4.026

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR CHL a	CALC CHL a	DISCR CHL a	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
36.0	0959	1.0						14.5	15.9	186.7		0.43	45.5	3.4	24.59	15.66	17.83
36.0	0959	2.0	56.9	0.76			15.8	14.4	15.8	185.3	49.5	0.45	47.9		24.69	15.65	17.91
36.0	0959	3.0						14.3	15.7	184.5		0.49	51.6		24.77	15.64	17.97
36.0	0959	4.0						14.3	15.7	184.3		0.48	50.5		24.88	15.61	18.07
36.0	0959	5.0						14.3	15.7	184.3		0.46	48.6		24.93	15.60	18.10
36.0	0959	6.0						14.3	15.7	184.2		0.45	47.4		24.96	15.59	18.13
36.0	0959	7.0						14.3	15.7	184.3		0.50	52.8		24.97	15.58	18.14
36.0	0959	8.0	70.2	0.80				14.3	15.7	184.2		0.51	53.2		24.97	15.58	18.14
35.0	1015	1.0						14.0	15.3	179.6		0.34	35.7	2.8	25.37	15.40	18.48
35.0	1015	2.0						13.9	15.3	178.7		0.36	38.0		25.38	15.39	18.49
35.0	1015	3.0						13.8	15.1	177.3		0.46	48.4		25.43	15.36	18.53
35.0	1015	4.0						13.8	15.1	177.0		0.54	56.7		25.45	15.34	18.56
35.0	1015	5.0						13.8	15.1	176.9		0.58	60.5		25.45	15.34	18.56
35.0	1015	6.0						13.8	15.1	177.0		0.57	59.9		25.45	15.34	18.56
35.0	1015	7.0						13.8	15.1	177.2		0.58	60.5		25.45	15.34	18.56
35.0	1015	8.0						13.8	15.2	177.3		0.61	63.5		25.45	15.34	18.56
35.0	1015	9.0						13.8	15.1	177.0		0.64	67.3		25.45	15.35	18.55
35.0	1015	10.0						13.8	15.1	176.9		0.68	70.6		25.45	15.34	18.56
34.0	1026	1.0						13.4	14.7	171.5		0.31	32.7	2.8	25.62	15.19	18.71
34.0	1026	2.0						13.2	14.5	169.8		0.39	41.8		25.63	15.18	18.73
34.0	1026	3.0						13.2	14.5	169.3		0.46	48.2		25.66	15.17	18.75
34.0	1026	4.0						13.2	14.5	169.3		0.57	59.4		25.66	15.17	18.75
34.0	1026	5.0						13.2	14.5	168.9		0.66	68.4		25.66	15.17	18.75
34.0	1026	6.0						13.1	14.4	168.3		0.81	83.8		25.67	15.16	18.76
34.0	1026	7.0						13.1	14.4	168.0		0.84	86.7		25.68	15.14	18.77
34.0	1026	8.0						13.1	14.4	167.8		0.87	90.0		25.70	15.12	18.79
34.0	1026	9.0						13.0	14.3	167.2		0.93	96.6		25.71	15.12	18.80
34.0	1026	10.0						13.1	14.4	167.6		1.10	113.2		25.70	15.12	18.80
33.0	1042	1.0						13.3	14.6	169.8		0.23	25.4	2.5	25.77	15.03	18.87
33.0	1042	2.0						13.3	14.6	169.5	30.9	0.23	24.7		25.79	15.00	18.89

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			CHL a	CHL a/PHA			CHL a	OXYG	OXYG	% OXY SAT						
33.0	1042	3.0					13.2	14.5	168.9	0.22	24.1	25.81	14.98	18.90		
33.0	1042	4.0					13.1	14.4	167.6	0.20	22.0	25.84	14.94	18.94		
33.0	1042	5.0					13.0	14.3	166.4	0.19	20.5	25.91	14.88	19.00		
33.0	1042	6.0					13.0	14.2	165.3	0.21	23.4	25.96	14.84	19.05		
33.0	1042	7.0					12.9	14.2	165.0	0.24	26.2	25.96	14.84	19.05		
33.0	1042	8.0					12.8	14.1	163.5	0.25	26.9	25.97	14.84	19.05		
33.0	1042	9.0					12.6	13.8	160.2	0.28	30.2	26.05	14.76	19.13		
33.0	1042	10.0					12.4	13.6	157.8	0.37	38.9	26.18	14.63	19.26		
33.0	1042	11.0					12.4	13.6	157.2	0.50	52.6	26.19	14.62	19.27		
33.0	1042	12.0					12.3	13.6	157.1	0.63	65.8	26.19	14.62	19.27		
33.0	1042	13.0					12.3	13.5	156.7	0.71	73.5	26.19	14.62	19.27		
33.0	1042	14.0					12.3	13.5	156.8	0.81	83.7	26.19	14.62	19.27		
32.0	1052	1.0					13.1	14.4	167.2	0.19	21.4	25.94	14.93	19.01		
32.0	1052	2.0	51.4	0.86			12.7	14.0	162.1	0.23	25.1	26.03	14.80	19.11		
32.0	1052	3.0			14.0		12.5	13.7	158.9	0.25	27.3	26.15	14.68	19.23		
32.0	1052	4.0					12.4	13.6	157.2	0.25	26.6	26.22	14.61	19.29		
32.0	1052	5.0					12.3	13.5	156.7	0.25	27.1	26.26	14.57	19.34		
32.0	1052	6.0					12.3	13.5	156.4	0.28	30.6	26.28	14.56	19.35		
32.0	1052	7.0					12.3	13.5	156.2	0.32	33.8	26.28	14.56	19.35		
32.0	1052	8.0					12.3	13.5	156.0	0.35	37.6	26.28	14.56	19.35		
32.0	1052	9.0					12.3	13.5	155.8	0.40	42.1	26.28	14.55	19.35		
32.0	1052	10.0					12.2	13.4	155.4	0.44	46.3	26.29	14.55	19.36		
32.0	1052	11.0					12.2	13.4	155.2	0.45	47.0	26.30	14.54	19.36		
32.0	1052	12.0					12.2	13.4	154.9	0.47	50.0	26.30	14.54	19.37		
32.0	1052	13.0					12.2	13.4	154.5	0.53	55.6	26.30	14.54	19.37		
32.0	1052	14.0	37.0	0.57			12.2	13.4	154.8	0.52	54.8	26.30	14.54	19.37		
31.0	1105	1.0					12.9	14.2	165.1	0.21	23.4	26.08	14.82	19.14		
31.0	1105	2.0					12.7	13.9	161.3	0.20	22.5	26.15	14.73	19.22		
31.0	1105	3.0					12.4	13.6	157.2	0.21	23.1	26.30	14.60	19.35		
31.0	1105	4.0					12.2	13.4	154.7	0.23	25.2	26.36	14.53	19.42		
31.0	1105	5.0					12.1	13.3	153.6	0.24	26.2	26.40	14.50	19.46		

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31.0	1105	6.0				12.1	13.2	153.2		0.27	29.3			26.42	14.49	19.47
31.0	1105	7.0				12.0	13.2	152.7		0.31	33.4			26.43	14.49	19.48
31.0	1105	8.0				12.0	13.2	152.3		0.33	35.4			26.44	14.48	19.49
31.0	1105	9.0				12.0	13.1	151.8		0.35	37.5			26.44	14.48	19.49
31.0	1105	10.0				11.9	13.1	151.6		0.36	38.5			26.45	14.48	19.49
31.0	1105	11.0				11.9	13.1	151.5		0.38	40.8			26.45	14.48	19.50
31.0	1105	12.0				11.9	13.1	151.2		0.41	43.5			26.45	14.48	19.49
31.0	1105	13.0				11.9	13.1	151.1		0.43	45.8			26.45	14.48	19.49
31.0	1105	14.0				11.9	13.0	150.7		0.45	47.1			26.44	14.48	19.49
31.0	1105	15.0				11.9	13.0	150.7		0.51	53.9			26.44	14.48	19.49
30.0	1123	1.0				11.8	13.0	151.1		0.03	4.2		1.4	26.61	14.64	19.59
30.0	1123	2.0	16.0	0.79		11.6	12.7	147.1		0.09	11.3			26.61	14.43	19.63
30.0	1123	3.0				11.4	12.5	144.2		0.18	19.6			26.61	14.41	19.64
30.0	1123	4.0				11.3	12.4	143.6		0.22	24.2			26.61	14.41	19.64
30.0	1123	5.0				11.3	12.4	143.1		0.25	27.6			26.61	14.40	19.64
30.0	1123	6.0				11.2	12.4	142.7		0.33	34.8			26.61	14.40	19.64
30.0	1123	7.0				11.2	12.3	142.4		0.37	39.6			26.61	14.40	19.64
30.0	1123	8.0				11.2	12.3	142.4		0.39	41.4			26.61	14.40	19.64
30.0	1123	9.0				11.2	12.3	142.1		0.42	44.2			26.61	14.40	19.64
30.0	1123	10.0				11.2	12.3	141.9		0.43	44.9			26.62	14.40	19.64
30.0	1123	11.0				11.1	12.3	141.6		0.44	46.0			26.62	14.39	19.65
30.0	1123	12.0				11.1	12.2	141.3		0.46	48.1			26.63	14.39	19.65
30.0	1123	13.0				11.1	12.2	141.2		0.47	49.1			26.63	14.39	19.65
30.0	1123	14.0				11.1	12.2	141.0		0.47	49.5			26.63	14.39	19.66
30.0	1123	15.0	34.8	0.77		11.1	12.2	140.9		0.51	54.0			26.63	14.39	19.65
29.5	1138	1.0				11.0	12.1	139.6		0.03	4.4		1.6	26.76	14.42	19.75
29.5	1138	2.0				10.8	11.8	136.4		0.15	16.7			26.75	14.29	19.77
29.5	1138	3.0				10.6	11.7	134.8		0.19	21.4			26.75	14.27	19.77
29.5	1138	4.0				10.6	11.6	134.4		0.21	23.3			26.76	14.27	19.77
29.5	1138	5.0				10.6	11.6	134.1		0.22	23.8			26.76	14.27	19.78
29.5	1138	6.0				10.6	11.6	133.8		0.22	23.6			26.77	14.27	19.78

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29.5	1138	7.0							10.5	11.6	133.4			0.23	24.8		26.77	14.27	19.79
29.5	1138	8.0							10.5	11.5	133.2			0.23	25.0		26.77	14.27	19.79
29.5	1138	9.0							10.5	11.5	132.8			0.24	26.3		26.78	14.27	19.79
29.5	1138	10.0							10.5	11.5	132.6			0.24	26.5		26.78	14.26	19.79
29.5	1138	11.0							10.4	11.5	132.2			0.27	28.7		26.78	14.26	19.80
29.5	1138	12.0							10.4	11.4	132.0			0.27	29.4		26.79	14.26	19.80
29.5	1138	13.0							10.4	11.4	131.8			0.27	29.1		26.79	14.25	19.80
29.5	1138	14.0							10.4	11.4	131.5			0.26	28.6		26.79	14.25	19.81
29.5	1138	15.0							10.4	11.4	131.4			0.28	29.9		26.79	14.25	19.81
29.5	1138	16.0							10.3	11.4	131.1			0.32	34.4		26.79	14.25	19.80
29.5	1138	17.0							10.3	11.4	131.2			0.46	48.8		26.79	14.26	19.80
29.0	1149	1.0							10.4	11.4	132.9			0.06	7.4	1.4	26.84	14.79	19.74
29.0	1149	2.0							10.4	11.4	131.8			0.07	9.1		26.85	14.38	19.83
29.0	1149	3.0							10.2	11.2	129.4			0.11	13.3		26.84	14.22	19.85
29.0	1149	4.0							10.1	11.1	128.3			0.16	18.0		26.84	14.21	19.85
29.0	1149	5.0							10.1	11.1	127.6			0.18	19.7		26.84	14.20	19.85
29.0	1149	6.0							10.1	11.0	127.3			0.20	22.2		26.84	14.18	19.86
29.0	1149	7.0							10.0	11.0	126.7			0.23	24.7		26.84	14.17	19.86
29.0	1149	8.0							10.0	11.0	126.5			0.23	25.4		26.84	14.16	19.86
29.0	1149	9.0							10.0	11.0	126.1			0.24	25.8		26.84	14.15	19.86
29.0	1149	10.0							9.9	10.9	125.9			0.25	27.2		26.84	14.15	19.87
29.0	1149	11.0							9.9	10.9	125.7			0.26	28.3		26.84	14.14	19.87
29.0	1149	12.0							9.9	10.9	125.4			0.26	27.9		26.84	14.14	19.87
29.0	1149	13.0							9.9	10.9	125.3			0.26	28.5		26.84	14.14	19.87
29.0	1149	14.0							9.9	10.9	125.2			0.27	28.7		26.84	14.14	19.87
29.0	1149	15.0							9.9	10.9	124.9			0.28	29.6		26.84	14.14	19.87
29.0	1149	16.0							9.9	10.8	124.7			0.31	33.5		26.84	14.13	19.87
29.0	1149	17.0							9.9	10.8	124.8			0.38	40.4		26.84	14.13	19.87
28.0	1204	1.0							9.2	10.1	117.5			0.02	3.9	1.1	26.87	14.39	19.84
28.0	1204	2.0							9.2	10.2	116.9	6.5		0.03	4.7		26.87	14.15	19.88
28.0	1204	3.0							9.2	10.1	115.8			0.05	6.6		26.86	13.99	19.91

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			CHL a	a+PHA			CHL a	OXYG		SAT	SPM						
28.0	1204	4.0						9.1	10.0	114.6		0.07	8.7		26.86	13.93	19.92
28.0	1204	5.0						9.1	10.0	114.2		0.10	11.8		26.85	13.91	19.92
28.0	1204	6.0						9.1	10.0	114.1		0.13	14.4		26.85	13.91	19.92
28.0	1204	7.0						9.1	10.0	114.0		0.14	15.9		26.85	13.90	19.92
28.0	1204	8.0						9.1	10.0	114.1		0.15	17.1		26.85	13.90	19.92
28.0	1204	9.0						9.1	10.0	114.2		0.17	18.4		26.85	13.90	19.92
28.0	1204	10.0						9.1	10.0	114.2		0.18	20.1		26.85	13.90	19.92
28.0	1204	11.0						9.1	10.0	114.1		0.19	20.9		26.85	13.90	19.92
28.0	1204	12.0						9.1	10.0	114.1		0.19	20.9		26.85	13.91	19.92
28.0	1204	13.0						9.1	10.0	114.2		0.19	21.4		26.85	13.91	19.92
28.0	1204	14.0						9.0	9.9	113.9		0.20	21.8		26.85	13.91	19.92
28.0	1204	15.0						9.1	10.0	114.0		0.21	23.4		26.85	13.91	19.92
28.0	1204	16.0						9.0	9.9	114.0		0.24	26.4		26.85	13.91	19.92
27.0	1218	1.0						9.2	10.2	117.7		0.03	4.8	1.2	26.86	14.42	19.82
27.0	1218	2.0	8.8	0.79				9.3	10.3	117.9		0.04	5.8		26.86	14.03	19.90
27.0	1218	3.0					10.3	9.3	10.2	117.4		0.08	9.5		26.86	14.00	19.91
27.0	1218	4.0						9.3	10.2	117.0		0.10	11.6		26.87	14.00	19.91
27.0	1218	5.0						9.2	10.2	116.6		0.11	12.5		26.87	13.97	19.92
27.0	1218	6.0						9.2	10.1	116.4		0.11	13.2		26.87	13.97	19.92
27.0	1218	7.0						9.2	10.1	116.4		0.13	14.6		26.87	13.97	19.92
27.0	1218	8.0						9.2	10.1	116.3		0.14	16.1		26.87	13.96	19.92
27.0	1218	9.0						9.2	10.1	116.3		0.16	17.5		26.87	13.96	19.92
27.0	1218	10.0						9.2	10.2	116.5		0.17	19.1		26.88	13.97	19.92
27.0	1218	11.0						9.2	10.2	116.6		0.20	22.1		26.88	13.97	19.93
27.0	1218	12.0						9.2	10.1	116.4		0.26	27.8		26.88	13.97	19.93
27.0	1218	13.0	11.6	0.71				9.2	10.2	116.5		0.31	33.6		26.88	13.97	19.93
26.0	1230	1.0						9.0	9.9	113.3		0.04	5.9	1.2	26.71	14.11	19.77
26.0	1230	2.0						8.9	9.8	112.1		0.08	9.6		26.71	13.84	19.82
26.0	1230	3.0						8.9	9.7	111.3		0.11	12.8		26.70	13.80	19.83
26.0	1230	4.0						8.8	9.7	110.9		0.13	14.9		26.70	13.80	19.83
26.0	1230	5.0						8.8	9.7	111.0		0.15	16.7		26.70	13.80	19.83

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			CHL a	a+PHA						SAT	SPM						
26.0	1230	6.0				8.8		9.7	110.8			0.17	19.4		26.70	13.79	19.83
26.0	1230	7.0				8.8		9.7	110.6			0.23	24.9		26.70	13.79	19.83
26.0	1230	8.0				8.8		9.7	110.5			0.27	29.3		26.70	13.79	19.83
26.0	1230	9.0				8.8		9.7	110.5			0.31	32.9		26.70	13.79	19.83
26.0	1230	10.0				8.8		9.7	110.2			0.36	38.0		26.70	13.79	19.83
26.0	1230	11.0				8.8		9.7	110.4			0.38	40.5		26.70	13.78	19.83
25.0	1247	1.0				8.4		9.2	104.7			0.21	22.8	1.8	26.51	13.76	19.68
25.0	1247	2.0				8.4		9.2	105.0		22.3	0.26	28.3		26.52	13.72	19.70
25.0	1247	3.0				8.4		9.2	105.0			0.32	34.5		26.52	13.70	19.70
25.0	1247	4.0				8.4		9.2	105.3			0.37	39.2		26.52	13.70	19.70
25.0	1247	5.0				8.4		9.3	105.4			0.41	43.8		26.52	13.69	19.70
25.0	1247	6.0				8.4		9.3	105.5			0.42	44.6		26.52	13.69	19.70
25.0	1247	7.0				8.4		9.3	105.5			0.46	48.5		26.52	13.69	19.70
25.0	1247	8.0				8.4		9.3	105.5			0.49	51.4		26.52	13.68	19.70
25.0	1247	9.0				8.4		9.3	105.6			0.57	59.9		26.52	13.68	19.70
25.0	1247	10.0				8.4		9.3	105.5			0.66	68.6		26.52	13.69	19.70
24.0	1301	1.0				7.9		8.7	98.4			0.41	43.2	2.2	26.30	13.60	19.55
24.0	1301	2.0	3.7	0.50		7.9	8.7	8.7	98.4			0.42	44.0		26.30	13.60	19.55
24.0	1301	3.0				7.9	8.7	8.7	98.5			0.44	46.9		26.30	13.59	19.56
24.0	1301	4.0				7.9	8.7	8.7	98.5			0.50	52.0		26.30	13.58	19.56
24.0	1301	5.0				7.9	8.7	8.7	98.5			0.46	48.1		26.30	13.59	19.55
24.0	1301	6.0				7.9	8.7	8.7	98.5			0.47	49.4		26.30	13.59	19.56
24.0	1301	7.0				7.9	8.7	8.7	98.5			0.48	50.1		26.30	13.58	19.56
24.0	1301	8.0				7.9	8.7	8.7	98.6			0.51	53.3		26.30	13.58	19.56
24.0	1301	9.0				7.9	8.7	8.7	98.6			0.55	57.2		26.30	13.58	19.56
24.0	1301	10.0				7.9	8.7	8.7	98.6			0.58	61.0		26.30	13.58	19.56
24.0	1301	11.0	3.8	0.44		7.9	8.7	8.7	98.5			0.66	68.9		26.30	13.58	19.56
23.0	1314	1.0				7.9	8.7	8.7	99.6			0.35	37.0	2.1	26.37	13.78	19.57
23.0	1314	2.0				7.9	8.7	8.7	99.4			0.37	39.7		26.37	13.73	19.58
23.0	1314	3.0				8.0	8.7	8.7	99.5			0.47	49.9		26.38	13.71	19.59

South San Francisco Bay

March 9, 1994

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STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CHL a	OXYG	OXYG	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
23.0	1314	4.0							7.9	8.7	99.5		0.55	58.0		26.38	13.71	19.59
23.0	1314	5.0							8.0	8.8	99.5		0.59	61.8		26.38	13.70	19.59
23.0	1314	6.0							8.0	8.8	99.6		0.67	69.5		26.38	13.69	19.59
23.0	1314	7.0							8.0	8.8	99.6		0.74	77.3		26.38	13.68	19.60
23.0	1314	8.0							8.0	8.8	99.6		0.92	95.1		26.39	13.67	19.61
23.0	1314	9.0							8.0	8.8	99.6		1.04	107.1		26.40	13.67	19.62
23.0	1314	10.0							8.0	8.8	99.5		1.14	117.4		26.41	13.66	19.63
23.0	1314	11.0							8.0	8.8	99.6		1.16	119.4		26.42	13.66	19.63
23.0	1314	12.0							8.0	8.8	99.6		1.18	121.4		26.42	13.66	19.63
23.0	1314	13.0							8.0	8.8	99.6		1.32	135.7		26.44	13.65	19.65
23.0	1314	14.0							8.0	8.8	99.7		1.41	145.4		26.45	13.65	19.66
23.0	1314	15.0							8.0	8.8	99.7		1.50	153.9		26.45	13.65	19.66
23.0	1314	16.0							8.0	8.8	99.7		1.58	162.0		26.45	13.65	19.66
22.0	1329	2.0							7.9	8.7	99.1		0.09	11.1	1.1	26.57	13.72	19.74
22.0	1329	3.0							7.9	8.7	99.1		0.10	12.3		26.62	13.65	19.79
22.0	1329	4.0							7.9	8.7	99.3		0.12	14.1		26.66	13.64	19.82
22.0	1329	5.0							7.9	8.7	99.4		0.16	18.1		26.74	13.64	19.89
22.0	1329	6.0							7.9	8.7	99.5		0.17	18.4		26.75	13.64	19.89
22.0	1329	7.0							7.9	8.7	99.6		0.20	22.3		26.79	13.64	19.92
22.0	1329	8.0							8.0	8.8	99.6		0.19	20.9		26.76	13.64	19.90
22.0	1329	9.0							8.0	8.8	99.7		0.20	22.5		26.80	13.64	19.93
22.0	1329	10.0							8.0	8.8	99.8		0.21	22.6		26.81	13.65	19.94
22.0	1329	11.0							8.0	8.8	99.8		0.22	24.2		26.82	13.64	19.94
22.0	1329	12.0							8.0	8.8	99.7		0.22	24.5		26.82	13.64	19.95
22.0	1329	13.0							8.0	8.8	99.7		0.25	27.1		26.84	13.64	19.97
22.0	1329	14.0							8.0	8.8	99.7		0.28	30.2		26.87	13.63	19.99
22.0	1329	15.0							8.0	8.8	99.7		0.30	32.4		26.89	13.62	20.01
22.0	1329	16.0							8.0	8.8	99.8		0.32	33.9		26.89	13.62	20.01
22.0	1329	17.0							8.0	8.8	99.8		0.35	37.8		26.91	13.61	20.02
22.0	1329	18.0							8.0	8.8	99.9		0.39	41.2		26.91	13.61	20.02
22.0	1329	19.0							8.0	8.8	99.9		0.45	47.8		26.90	13.61	20.01

South San Francisco Bay

March 9, 1994

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STN	TIME	DEPTH	DISCR	CHL a	FLUOR	CALC	DISCR	CALC	OXYG	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
21.0	1343	1.0						8.1	8.9	101.9		0.09	10.5	1.3	26.65	13.91	19.77
21.0	1343	2.0	4.1	0.67			8.9	8.1	8.9	101.9	13.6	0.10	11.7		26.72	13.84	19.83
21.0	1343	3.0						8.1	8.9	101.6		0.11	12.6		26.73	13.83	19.84
21.0	1343	4.0						8.1	8.9	101.6		0.12	14.1		26.77	13.77	19.89
21.0	1343	5.0						8.1	8.9	102.0		0.14	16.3		26.80	13.74	19.91
21.0	1343	6.0						8.1	8.9	101.9		0.14	16.3		26.79	13.75	19.91
21.0	1343	7.0						8.1	8.9	101.9		0.15	16.5		26.80	13.74	19.91
21.0	1343	8.0						8.1	8.9	101.8		0.15	16.9		26.82	13.73	19.93
21.0	1343	9.0						8.1	8.9	101.9		0.18	19.6		26.87	13.70	19.97
21.0	1343	10.0						8.1	8.9	101.7		0.18	19.9		26.85	13.70	19.96
21.0	1343	11.0						8.1	8.9	101.7		0.19	20.5		26.88	13.69	19.98
21.0	1343	12.0						8.1	8.9	101.7		0.19	21.5		26.91	13.68	20.01
21.0	1343	13.0						8.1	8.9	101.7		0.20	22.4		26.92	13.68	20.01
21.0	1343	14.0						8.1	8.9	101.6		0.20	22.0		26.92	13.68	20.02
21.0	1343	15.0						8.1	8.9	101.7		0.21	22.8		26.94	13.67	20.03
21.0	1343	16.0						8.1	8.9	101.8		0.22	23.8		26.94	13.67	20.03
21.0	1343	17.0						8.1	8.9	101.7		0.22	24.0		26.94	13.67	20.03
21.0	1343	18.0	4.0	0.60				8.1	8.9	101.9		0.76	79.4		26.95	13.67	20.04

Std. Err.

Inter.

Slope

r²

n

OBS Calibration:

Dissolved Oxygen Calibration:

5.363

0.003

1.658

0.032

101.766

1.096

0.909

1.000

6

6

SeaBird v4.026

South San Francisco Bay

March 16, 1994

Julian Date: 94075

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	CALC OXYG	% OXY SAT	DISCR SPH	OBS	CALC SPH	EXCOF	SALIN	TEMP	SIGT
36.0	0633	1.0			6.74	36.2					1.22	103.9	3.3	22.64	16.39	16.19
36.0	0633	2.0	36.4	0.63	6.74	36.2	7.8			96.7	1.28	108.9		22.86	16.41	16.35
36.0	0633	3.0			6.74	36.2					1.51	127.8		22.99	16.42	16.45
36.0	0633	4.0			6.74	36.2					1.61	136.0		23.14	16.43	16.56
36.0	0633	5.0			6.74	36.2					2.25	188.8		23.33	16.47	16.70
36.0	0633	6.0			6.74	36.3					3.36	280.0		23.40	16.49	16.74
36.0	0633	7.0			6.74	36.3					5.66	469.0		23.41	16.50	16.75
36.0	0633	8.0	127.7	0.46	6.74	36.3					7.83	646.6		23.56	16.52	16.86
35.0	0644	1.0			6.68	35.9					1.00	86.1	5.0	23.56	16.44	16.88
35.0	0644	2.0			6.72	36.1					1.87	157.3		23.94	16.48	17.17
35.0	0644	3.0			6.73	36.2					2.07	174.3		24.19	16.44	17.36
35.0	0644	4.0			6.74	36.2					1.93	162.9		24.31	16.40	17.46
35.0	0644	5.0			6.74	36.2					1.98	166.2		24.47	16.37	17.59
35.0	0644	6.0			6.74	36.2					2.15	180.5		24.60	16.36	17.69
35.0	0644	7.0			6.74	36.2					2.36	197.7		24.66	16.36	17.73
34.0	0654	1.0			6.74	36.2					1.92	161.6		23.87	16.09	17.19
34.0	0654	2.0			6.74	36.2				173.9	1.98	166.5		23.91	16.04	17.23
34.0	0654	3.0			6.74	36.2					2.00	168.0		23.99	15.95	17.31
34.0	0654	4.0			6.74	36.2					2.18	183.3		24.08	15.91	17.39
34.0	0654	5.0			6.74	36.2					2.49	208.1		24.08	15.91	17.39
34.0	0654	6.0			6.74	36.2					2.84	236.8		24.09	15.95	17.39
34.0	0654	7.0			6.74	36.2					3.07	256.4		24.11	16.03	17.39
34.0	0654	8.0			6.74	36.2					3.57	297.2		24.04	16.18	17.30
33.0	0710	1.0			6.38	34.3					0.66	58.2	4.0	24.11	16.12	17.36
33.0	0710	2.0			6.50	34.9					0.73	64.0		24.28	16.14	17.49
33.0	0710	3.0			6.63	35.6					0.88	76.7		24.34	16.14	17.54
33.0	0710	4.0			6.69	36.0					1.08	92.3		24.54	16.15	17.69
33.0	0710	5.0			6.72	36.1					1.17	100.1		24.59	16.15	17.73
33.0	0710	6.0			6.73	36.2					1.25	107.1		24.63	16.15	17.76
33.0	0710	7.0			6.72	36.1					1.31	111.6		24.71	16.16	17.82

South San Francisco Bay										March 16, 1994				Julian Date: 94075						
STN	"	TIME	DEPTH	DISCR	CHL a	CHL a/ a+PHA	FLUOR	CALC	DISCR	CALC	OXYG	% OXY	DISCR	OBS	SPM	CALC	EXCOF	SALIN	TEMP	SIGT
33.0		0710	8.0				6.73	36.2						1.34	113.9			24.82	16.16	17.90
33.0		0710	9.0				6.73	36.2						1.37	116.3			24.92	16.16	17.98
33.0		0710	10.0				6.74	36.2						1.37	116.8			25.02	16.15	18.06
33.0		0710	11.0				6.74	36.2						1.45	122.7			25.08	16.15	18.10
33.0		0710	12.0				6.74	36.2						1.98	166.2			25.12	16.14	18.13
32.0		0717	1.0				5.70	30.6						0.41	37.4		3.1	24.87	16.18	17.94
32.0		0717	2.0	28.3	0.67		5.72	30.8	9.0					0.44	40.2			24.89	16.18	17.95
32.0		0717	3.0				5.85	31.5						0.48	43.6			24.93	16.17	17.99
32.0		0717	4.0				6.22	33.4						0.57	51.0			24.98	16.15	18.03
32.0		0717	5.0				6.54	35.2						0.75	65.2			25.01	16.14	18.05
32.0		0717	6.0				6.67	35.8						1.07	91.9			25.05	16.13	18.08
32.0		0717	7.0				6.71	36.1						1.32	112.0			25.06	16.13	18.09
32.0		0717	8.0				6.70	36.0						1.40	118.7			25.07	16.13	18.09
32.0		0717	9.0				6.68	35.9						1.47	124.4			25.08	16.13	18.10
32.0		0717	10.0				6.71	36.1						1.63	137.7			25.09	16.13	18.12
32.0		0717	11.0				6.73	36.2						1.78	150.4			25.10	16.13	18.12
32.0		0717	12.0				6.73	36.2						2.01	168.9			25.11	16.12	18.13
32.0		0717	13.0	36.6	0.61		6.73	36.2						2.16	181.7			25.10	16.13	18.12
31.0		0728	1.0				3.78	20.3						0.20	20.7		2.1	25.21	16.12	18.21
31.0		0728	2.0				3.63	19.5					29.1	0.24	23.9			25.34	16.07	18.32
31.0		0728	3.0				3.45	18.5						0.26	25.7			25.40	16.05	18.37
31.0		0728	4.0				3.55	19.0						0.27	26.4			25.44	16.03	18.40
31.0		0728	5.0				4.00	21.4						0.28	26.9			25.48	16.02	18.44
31.0		0728	6.0				4.44	23.8						0.30	28.4			25.50	16.01	18.46
31.0		0728	7.0				4.71	25.3						0.33	31.0			25.52	16.00	18.47
31.0		0728	8.0				4.99	26.8						0.37	34.5			25.57	15.98	18.51
31.0		0728	9.0				5.36	28.8						0.52	47.0			25.61	15.97	18.54
31.0		0728	10.0				5.89	31.6						0.62	54.5			25.68	15.92	18.61
31.0		0728	11.0				6.29	33.8						1.02	87.6			25.79	15.84	18.71
31.0		0728	12.0				6.55	35.2						1.34	114.4			25.85	15.80	18.76
31.0		0728	13.0				6.53	35.1						1.56	131.8			25.87	15.78	18.79

South San Francisco Bay

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	EXCOF	SALIN	TEMP	SIGT
30.0	0748	1.0			3.59	19.2					0.23	1.9	25.72	15.86	18.66
30.0	0748	2.0	20.1	0.74	3.57	19.1	9.2			26.2	0.30		25.80	15.83	18.73
30.0	0748	3.0			3.75	20.1					0.40		25.88	15.77	18.80
30.0	0748	4.0			3.99	21.4					0.53		25.93	15.74	18.84
30.0	0748	5.0			4.29	23.0					0.58		25.98	15.72	18.88
30.0	0748	6.0			4.59	24.6					0.72		26.01	15.69	18.91
30.0	0748	7.0			5.07	27.2					0.90		26.07	15.63	18.97
30.0	0748	8.0			5.60	30.1					1.20		26.10	15.61	19.00
30.0	0748	9.0			5.95	32.0					1.40		26.12	15.59	19.02
30.0	0748	10.0			6.19	33.3					1.52		26.12	15.59	19.02
30.0	0748	11.0			6.48	34.8					1.71		26.13	15.59	19.02
30.0	0748	12.0	37.7	0.57	6.50	34.9					1.99		26.13	15.58	19.03
29.5	0817	1.0			4.57	24.5					0.20	1.9	26.10	15.64	18.99
29.5	0817	2.0			4.54	24.3					0.20		26.10	15.63	19.00
29.5	0817	3.0			4.28	22.9					0.21		26.11	15.62	19.01
29.5	0817	4.0			3.88	20.8					0.22		26.14	15.60	19.03
29.5	0817	5.0			3.41	18.3					0.22		26.21	15.51	19.10
29.5	0817	6.0			3.05	16.3					0.21		26.24	15.48	19.13
29.5	0817	7.0			3.25	17.4					0.23		26.25	15.47	19.14
29.5	0817	8.0			3.33	17.8					0.26		26.24	15.48	19.14
29.5	0817	9.0			3.44	18.4					0.27		26.25	15.48	19.14
29.5	0817	10.0			3.73	20.0					0.34		26.25	15.47	19.14
29.5	0817	11.0			3.82	20.5					0.54		26.25	15.47	19.15
29.5	0817	12.0			4.19	22.5					0.60		26.26	15.46	19.15
29.5	0817	13.0			4.81	25.8					0.67		26.27	15.45	19.16
29.5	0817	14.0			5.09	27.3					0.80		26.27	15.45	19.16
29.5	0817	15.0			4.99	26.8					0.94		26.27	15.44	19.17
29.0	0831	1.0			2.48	13.2					0.16	1.7	26.29	15.43	19.18
29.0	0831	2.0			2.50	13.4					0.16		26.30	15.42	19.19
29.0	0831	3.0			2.61	13.9					0.16		26.30	15.42	19.19
29.0	0831	4.0			2.86	15.3					0.16		26.30	15.43	19.19

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STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CALC	% OXY	DISCR	OBS	CALC	EXCOF	SALIN	TEMP	SIGT
			CHL a			CHL a	OXYG	OXYG	SAT	SPM		SPM				
29.0	0831	5.0			2.98	15.9					0.16	16.9		26.31	15.41	19.20
29.0	0831	6.0			2.91	15.6					0.16	17.0		26.33	15.38	19.22
29.0	0831	7.0			2.93	15.7					0.17	18.2		26.35	15.36	19.24
29.0	0831	8.0			2.90	15.5					0.20	20.9		26.36	15.35	19.25
29.0	0831	9.0			3.00	16.0					0.21	21.4		26.38	15.33	19.27
29.0	0831	10.0			3.40	18.2					0.27	26.0		26.39	15.32	19.28
29.0	0831	11.0			3.94	21.1					0.33	30.9		26.40	15.30	19.29
29.0	0831	12.0			4.28	23.0					0.42	38.2		26.40	15.30	19.29
29.0	0831	13.0			4.84	26.0					0.66	57.9		26.40	15.30	19.29
29.0	0831	14.0			5.69	30.6					1.10	94.1		26.41	15.29	19.30
29.0	0831	15.0			5.67	30.5					1.85	155.8		26.41	15.27	19.31
28.0	0846	1.0			2.11	11.3					0.16	17.4	1.7	26.46	15.21	19.35
28.0	0846	2.0			2.10	11.2					0.16	17.2		26.46	15.21	19.35
28.0	0846	3.0			2.17	11.6					0.16	17.2		26.46	15.21	19.36
28.0	0846	4.0			2.19	11.7					0.16	17.2		26.46	15.21	19.36
28.0	0846	5.0			2.11	11.3					0.17	17.6		26.47	15.21	19.36
28.0	0846	6.0			2.19	11.7					0.18	18.6		26.47	15.21	19.36
28.0	0846	7.0			2.20	11.7					0.20	20.3		26.47	15.21	19.36
28.0	0846	8.0			2.49	13.3					0.23	22.7		26.47	15.21	19.36
28.0	0846	9.0			2.68	14.3					0.26	25.2		26.47	15.21	19.37
28.0	0846	10.0			2.64	14.1					0.31	29.8		26.48	15.21	19.37
28.0	0846	11.0			2.63	14.1					0.32	30.7		26.48	15.21	19.38
28.0	0846	12.0			2.60	13.9					0.34	32.1		26.48	15.21	19.38
28.0	0846	13.0			2.58	13.8					0.36	33.9		26.49	15.21	19.38
28.0	0846	14.0			2.60	13.9					0.39	35.7		26.49	15.21	19.38
28.0	0846	15.0			2.64	14.1					0.41	37.5		26.49	15.21	19.38
27.0	0858	1.0			1.97	10.5		8.9	9.2	108.2	0.17	17.9	1.6	26.56	15.20	19.44
27.0	0858	2.0	10.3	0.63	1.99	10.6	9.5	8.9	9.2	108.5	0.19	19.5		26.56	15.19	19.44
27.0	0858	3.0			1.98	10.6		9.0	9.2	108.6	0.18	18.6		26.57	15.19	19.44
27.0	0858	4.0			2.00	10.6		9.0	9.3	108.7	0.18	18.9		26.57	15.19	19.44
27.0	0858	5.0			1.91	10.2		9.0	9.3	108.9	0.18	18.9		26.57	15.19	19.44

South San Francisco Bay

March 16, 1994

Julian Date: 94075

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
27.0	0858	6.0			1.81	9.6		9.0	9.3	109.1		0.20	20.6	26.57	15.19	19.44
27.0	0858	7.0			1.84	9.8		9.0	9.3	109.1		0.20	20.5	26.57	15.19	19.44
27.0	0858	8.0			2.03	10.8		9.0	9.3	109.2		0.21	21.2	26.58	15.18	19.45
27.0	0858	9.0			2.16	11.5		9.0	9.3	109.2		0.29	28.2	26.58	15.18	19.45
27.0	0858	10.0			2.63	14.1		9.0	9.3	109.4		0.32	30.5	26.58	15.18	19.46
27.0	0858	11.0			3.23	17.3		9.0	9.3	109.2		0.39	36.4	26.59	15.17	19.47
27.0	0858	12.0	18.7	0.52	3.16	16.9		9.0	9.3	109.2		0.45	40.8	26.59	15.16	19.47
26.0	0913	1.0			1.78	9.5		9.1	9.4	110.1		0.18	18.9	26.70	15.06	19.57
26.0	0913	2.0			1.73	9.2		9.1	9.4	110.1	21.0	0.18	19.1	26.70	15.06	19.57
26.0	0913	3.0			1.58	8.4		9.1	9.4	110.2		0.20	20.1	26.70	15.06	19.57
26.0	0913	4.0			1.54	8.2		9.1	9.4	110.1		0.21	21.4	26.70	15.06	19.57
26.0	0913	5.0			1.64	8.7		9.1	9.4	110.1		0.22	22.4	26.70	15.06	19.57
26.0	0913	6.0			1.68	8.9		9.1	9.4	110.2		0.22	22.3	26.70	15.05	19.57
26.0	0913	7.0			1.59	8.4		9.1	9.4	110.0		0.22	22.3	26.70	15.05	19.57
26.0	0913	8.0			1.71	9.1		9.1	9.4	110.0		0.23	23.1	26.69	15.04	19.57
26.0	0913	9.0			1.75	9.3		9.1	9.4	109.8		0.26	25.1	26.70	15.04	19.57
26.0	0913	10.0			1.66	8.8		9.1	9.4	110.0		0.27	26.0	26.70	15.04	19.57
25.0	0931	1.0			0.98	5.1		8.6	8.9	104.4		0.20	20.2	26.75	14.99	19.62
25.0	0931	2.0			1.01	5.3		8.6	8.9	104.4		0.20	20.3	26.75	14.99	19.62
25.0	0931	3.0			1.06	5.6		8.6	8.9	104.5		0.20	20.6	26.75	14.99	19.62
25.0	0931	4.0			1.01	5.3		8.6	8.9	104.4		0.20	20.5	26.75	14.98	19.63
25.0	0931	5.0			1.05	5.5		8.6	8.9	104.4		0.20	20.3	26.75	14.97	19.63
25.0	0931	6.0			1.16	6.1		8.6	8.9	104.3		0.20	20.9	26.75	14.97	19.63
25.0	0931	7.0			1.16	6.1		8.5	8.9	104.2		0.21	21.5	26.75	14.96	19.63
25.0	0931	8.0			1.13	5.9		8.6	8.9	104.2		0.24	23.7	26.75	14.96	19.64
24.0	0948	1.0			0.80	4.2		8.2	8.6	100.4		0.19	19.4	26.59	14.86	19.53
24.0	0948	2.0	4.2	0.63	0.85	4.5	8.4	8.2	8.6	100.5		0.18	18.8	26.59	14.86	19.53
24.0	0948	3.0			0.84	4.4		8.2	8.6	100.5		0.18	18.8	26.59	14.86	19.53
24.0	0948	4.0			0.77	4.0		8.2	8.6	100.6		0.18	18.5	26.59	14.86	19.53
24.0	0948	5.0			0.73	3.8		8.2	8.6	100.6		0.17	18.3	26.59	14.86	19.53

South San Francisco Bay March 16, 1994 Julian Date: 94075

STN	TIME	DEPTH	DISC CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISC OXYG	CALC OXYG	% OXY SAT	DISC SPM	OBS SPM	EXCOF	SALIN	TEMP	SIGT
24.0	0948	6.0			0.70	3.6		8.2	8.6	100.5	0.17	18.4	26.60	14.86	19.53
24.0	0948	7.0			0.71	3.7		8.2	8.6	100.5	0.19	19.5	26.60	14.87	19.54
24.0	0948	8.0			0.72	3.8		8.2	8.6	100.6	0.20	20.1	26.60	14.87	19.54
24.0	0948	9.0			0.78	4.0		8.2	8.6	100.5	0.22	22.1	26.60	14.88	19.54
24.0	0948	10.0	4.6	0.60	0.79	4.1		8.2	8.6	100.5	0.24	23.4	26.61	14.89	19.54
23.0	1005	1.0			1.06	5.6		8.0	8.4	98.2	0.20	20.5	1.6	26.49	14.95
23.0	1005	2.0			1.10	5.8		8.0	8.4	98.3	0.20	20.2	26.48	14.94	19.43
23.0	1005	3.0			1.09	5.8		8.0	8.4	98.4	0.20	20.9	26.48	14.95	19.43
23.0	1005	4.0			1.07	5.6		8.0	8.4	98.4	0.21	21.0	26.49	14.95	19.43
23.0	1005	5.0			1.05	5.5		8.0	8.4	98.5	0.22	22.3	26.50	14.95	19.44
23.0	1005	6.0			1.03	5.4		8.0	8.5	98.7	0.24	23.6	26.50	14.95	19.44
23.0	1005	7.0			1.10	5.8		8.0	8.5	99.1	0.26	25.5	26.51	14.96	19.45
23.0	1005	8.0			1.22	6.4		8.1	8.5	99.1	0.27	26.0	26.52	14.97	19.45
23.0	1005	9.0			1.16	6.1		8.1	8.5	99.4	0.27	26.4	26.52	14.97	19.45
23.0	1005	10.0			1.05	5.5		8.1	8.5	99.6	0.27	26.0	26.53	14.97	19.46
23.0	1005	11.0			1.09	5.8		8.1	8.5	99.8	0.26	25.5	26.53	14.98	19.46
23.0	1005	12.0			1.12	5.9		8.1	8.5	99.9	0.26	25.4	26.55	14.99	19.47
23.0	1005	13.0			1.06	5.6		8.1	8.6	100.0	0.26	25.8	26.55	14.99	19.47
23.0	1005	14.0			1.02	5.4		8.1	8.6	100.1	0.27	26.4	26.55	15.00	19.47
23.0	1005	15.0			1.04	5.4		8.1	8.5	100.0	0.29	27.6	26.56	15.01	19.47
22.0	1025	1.0			0.56	2.9		8.0	8.5	98.2	0.12	13.9	1.2	26.62	14.49
22.0	1025	2.0			0.57	2.9		8.0	8.5	98.2	0.11	13.4	26.62	14.49	19.63
22.0	1025	3.0			0.58	3.0		8.0	8.5	98.2	0.11	13.1	26.62	14.49	19.63
22.0	1025	4.0			0.57	2.9		8.0	8.5	98.2	0.11	13.1	26.62	14.49	19.63
22.0	1025	5.0			0.56	2.9		8.0	8.5	98.2	0.11	13.4	26.62	14.49	19.63
22.0	1025	6.0			0.57	2.9		8.0	8.5	98.2	0.12	13.6	26.62	14.48	19.63
22.0	1025	7.0			0.60	3.1		8.0	8.5	98.1	0.13	14.5	26.62	14.48	19.63
22.0	1025	8.0			0.60	3.1		8.0	8.5	98.1	0.13	15.0	26.62	14.47	19.63
22.0	1025	9.0			0.59	3.1		8.0	8.5	98.1	0.14	15.9	26.62	14.46	19.63
22.0	1025	10.0			0.60	3.1		8.0	8.5	98.1	0.15	16.3	26.63	14.46	19.64
22.0	1025	11.0			0.60	3.1		8.0	8.5	98.0	0.16	17.2	26.63	14.45	19.64

South San Francisco Bay

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Julian Date: 94075

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
22.0	1025	12.0			0.60	3.1		8.0	8.5	98.0	0.17	17.7		26.63	14.45	19.64
22.0	1025	13.0			0.63	3.3		8.0	8.5	98.0	0.17	18.3		26.65	14.44	19.66
22.0	1025	14.0			0.65	3.3		8.0	8.5	98.1	0.25	24.5		26.65	14.44	19.66
22.0	1025	15.0			0.64	3.3		8.0	8.5	98.1	0.28	27.3		26.65	14.44	19.66
22.0	1025	16.0			0.67	3.4		8.1	8.5	98.2	0.32	30.4		26.65	14.44	19.66
22.0	1025	17.0			0.69	3.6		8.0	8.5	98.1	0.37	34.0		26.65	14.44	19.66
22.0	1025	18.0			0.69	3.6		8.1	8.5	98.3	0.40	36.9		26.65	14.44	19.66
22.0	1025	19.0			0.71	3.7		8.1	8.5	98.3	0.48	43.8		26.65	14.44	19.66
22.0	1025	20.0			0.72	3.8		8.0	8.5	98.1	0.59	52.8		26.65	14.44	19.66
21.0	1039	1.0			0.75	3.9		8.1	8.5	98.6	0.46	41.4	2.7	26.81	14.48	19.77
21.0	1039	2.0	3.6	0.70	0.76	3.9	8.4	8.1	8.5	98.7	0.52	46.8		26.81	14.49	19.77
21.0	1039	3.0			0.78	4.1		8.1	8.5	98.6	0.49	43.8		26.81	14.48	19.77
21.0	1039	4.0			0.82	4.3		8.1	8.5	98.7	0.47	42.9		26.81	14.47	19.78
21.0	1039	5.0			0.85	4.4		8.1	8.5	98.7	0.56	49.8		26.82	14.47	19.78
21.0	1039	6.0			0.87	4.5		8.1	8.5	98.7	0.62	54.8		26.82	14.47	19.78
21.0	1039	7.0			0.88	4.6		8.1	8.5	98.8	0.64	57.0		26.81	14.47	19.78
21.0	1039	8.0			0.88	4.6		8.1	8.5	98.7	0.67	58.7		26.81	14.47	19.78
21.0	1039	9.0			0.89	4.7		8.1	8.5	98.8	0.68	59.8		26.81	14.48	19.77
21.0	1039	10.0			0.92	4.8		8.1	8.5	98.8	0.71	62.3		26.81	14.48	19.77
21.0	1039	11.0			0.93	4.8		8.1	8.5	99.0	0.73	64.0		26.82	14.47	19.78
21.0	1039	12.0			0.89	4.7		8.1	8.5	98.9	0.75	65.4		26.82	14.47	19.78
21.0	1039	13.0			0.86	4.5		8.1	8.5	98.9	0.74	65.1		26.82	14.47	19.79
21.0	1039	14.0			0.87	4.6		8.1	8.5	98.9	0.74	64.9		26.82	14.47	19.78
21.0	1039	15.0			0.91	4.8		8.1	8.5	99.1	0.73	64.2		26.83	14.47	19.79
21.0	1039	16.0			0.93	4.9		8.1	8.6	99.2	0.73	64.0		26.81	14.48	19.77
21.0	1039	17.0			0.94	4.9		8.1	8.5	99.0	0.75	65.6		26.80	14.48	19.77
21.0	1039	18.0	4.5	0.44	0.95	5.0		8.1	8.5	98.8	0.83	72.5		26.79	14.48	19.76

South San Francisco Bay	March 16, 1994	Year Day:94075
Fluorometer Calibration:	n	Slope
OBS Calibration:	11	5.399
Dissolved Oxygen Calibration:	6	82.084
	8	0.841
		Inter.
		-0.146
		4.037
		1.714
		Std. Err.
		0.878
		7.751
		0.229

Oxygen calibration used combined North & South Bay samples
 SeaBird v4.026

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March 16, 1994

North San Francisco Bay

STN	TIME	DEPTH	DISC	CHL a/ a+PHA	FLUOR	CALC CHL a	DISC OXYG	CALC OXYG	% OXY SAT	DISC SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
657.0	1805	1.0			0.34	1.0					0.14	14.4	1.6	0.11	15.00	0.00
657.0	1805	2.0	1.4	0.65	0.35	1.1	9.2			14.2	0.14	14.5		0.11	15.00	0.00
657.0	1805	3.0			0.35	1.1					0.15	14.7		0.11	15.00	0.00
657.0	1805	4.0			0.35	1.1					0.15	14.9		0.11	15.00	0.00
657.0	1805	5.0			0.35	1.1					0.16	15.1		0.11	15.00	0.00
657.0	1805	6.0			0.36	1.1					0.16	15.3		0.11	15.00	0.00
657.0	1805	7.0			0.36	1.2					0.16	15.3		0.11	15.00	0.00
657.0	1805	8.0			0.36	1.2					0.16	15.5		0.11	15.00	0.00
657.0	1805	9.0			0.37	1.2					0.17	15.7		0.11	15.00	0.00
657.0	1805	10.0			0.37	1.2					0.17	16.0		0.11	15.00	0.00
657.0	1805	11.0			0.37	1.2					0.17	16.1		0.11	15.00	0.00
653.0	1739	1.0			0.40	1.5					0.20	17.8	1.8	0.12	14.91	0.00
653.0	1739	2.0			0.40	1.4					0.20	17.5		0.12	14.91	0.00
653.0	1739	3.0			0.40	1.4					0.20	17.6		0.12	14.92	0.00
653.0	1739	4.0			0.38	1.3					0.21	17.9		0.12	14.92	0.00
653.0	1739	5.0			0.38	1.3					0.21	18.0		0.12	14.92	0.00
653.0	1739	6.0			0.39	1.4					0.21	18.2		0.12	14.91	0.00
653.0	1739	7.0			0.40	1.4					0.21	18.0		0.12	14.91	0.00
653.0	1739	8.0			0.42	1.6					0.21	17.9		0.12	14.91	0.00
653.0	1739	9.0			0.42	1.6					0.20	17.8		0.12	14.91	0.00
653.0	1739	10.0			0.40	1.4					0.21	18.2		0.12	14.91	0.00
653.0	1739	11.0			0.40	1.4					0.21	17.9		0.12	14.91	0.00
649.0	1712	1.0			0.44	1.7					0.33	24.9	2.1	0.13	14.69	0.00
649.0	1712	2.0	1.6	0.55	0.44	1.7	9.5				0.33	24.8		0.13	14.70	0.00
649.0	1712	3.0			0.44	1.7					0.33	24.7		0.13	14.69	0.00
649.0	1712	4.0			0.44	1.7					0.33	24.6		0.13	14.69	0.00
649.0	1712	5.0			0.44	1.7					0.33	25.0		0.13	14.69	0.00
649.0	1712	6.0			0.44	1.7					0.34	25.2		0.13	14.69	0.00
649.0	1712	7.0			0.44	1.7					0.33	24.8		0.13	14.69	0.00
649.0	1712	8.0			0.44	1.7					0.33	24.9		0.13	14.69	0.00
649.0	1712	9.0			0.44	1.7					0.33	24.6		0.13	14.69	0.00

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North San Francisco Bay

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CALC	OXYG	% OXY	DISCR	CALC	SPM	EXCOF	SALIN	TEMP	SIGT
649.0	1712	10.0			0.44	1.7							0.33		0.13	14.69	0.00
649.0	1712	11.0	1.7	0.61	0.44	1.7							0.33		0.13	14.69	0.00
2.0	1654	1.0			0.49	2.0							0.42	2.5	0.19	14.87	0.00
2.0	1654	2.0			0.49	2.0							0.41	29.3	0.19	14.87	0.00
2.0	1654	3.0			0.48	2.0					30.8		0.42	29.8	0.19	14.87	0.00
2.0	1654	4.0			0.48	2.0							0.42	29.5	0.19	14.87	0.00
2.0	1654	5.0			0.49	2.1							0.41	29.3	0.19	14.87	0.00
2.0	1654	6.0			0.51	2.2							0.43	30.0	0.19	14.87	0.00
2.0	1654	7.0			0.51	2.2							0.42	29.8	0.19	14.87	0.00
2.0	1654	8.0			0.51	2.2							0.42	29.9	0.19	14.86	0.00
2.0	1654	9.0			0.51	2.2							0.44	30.6	0.19	14.86	0.00
2.0	1654	10.0			0.50	2.2							0.43	30.2	0.19	14.86	0.00
2.0	1654	11.0			0.50	2.1							0.43	30.2	0.19	14.86	0.00
2.0	1654	12.0			0.50	2.1							0.47	32.5	0.19	14.86	0.00
3.0	1635	1.0			0.49	2.1							0.55	36.7	0.22	14.81	0.00
3.0	1635	2.0	1.8	0.64	0.49	2.1	9.4						0.54	36.2	0.22	14.81	0.00
3.0	1635	3.0			0.49	2.1							0.55	36.7	0.22	14.81	0.00
3.0	1635	4.0			0.50	2.1							0.53	36.0	0.22	14.81	0.00
3.0	1635	5.0			0.50	2.2							0.53	35.8	0.22	14.81	0.00
3.0	1635	6.0			0.51	2.2							0.52	35.3	0.22	14.81	0.00
3.0	1635	7.0			0.50	2.2							0.53	35.6	0.22	14.81	0.00
3.0	1635	8.0			0.50	2.1							0.55	36.7	0.22	14.81	0.00
3.0	1635	9.0			0.50	2.1							0.54	36.6	0.22	14.81	0.00
3.0	1635	10.0			0.51	2.2							0.56	37.6	0.22	14.81	0.00
3.0	1635	11.0	2.5	0.39	0.51	2.2							0.58	38.6	0.22	14.82	0.00
4.0	1615	1.0			0.49	2.0							0.61	39.9	0.31	14.84	0.00
4.0	1615	2.0			0.49	2.0							0.57	38.3	0.31	14.84	0.00
4.0	1615	3.0			0.49	2.1					35.8		0.58	38.6	0.31	14.84	0.00
4.0	1615	4.0			0.49	2.1							0.57	37.8	0.31	14.84	0.00
4.0	1615	5.0			0.50	2.1							0.56	37.2	0.31	14.84	0.00

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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	1615	6.0			0.50	2.1					0.55	37.1		0.31	14.84	0.00
4.0	1615	7.0			0.50	2.2					0.55	36.9		0.31	14.84	0.00
4.0	1615	8.0			0.51	2.2					0.56	37.2		0.31	14.84	0.00
4.0	1615	9.0			0.51	2.2					0.55	36.9		0.31	14.84	0.00
4.0	1615	10.0			0.51	2.2					0.56	37.2		0.31	14.84	0.00
4.0	1615	11.0			0.51	2.2					0.58	38.7		0.31	14.84	0.00
4.0	1615	12.0			0.51	2.2					0.57	37.9		0.31	14.84	0.00
4.0	1615	13.0			0.51	2.2					0.61	40.0		0.31	14.84	0.00
4.0	1615	14.0			0.51	2.2					0.59	39.1		0.31	14.84	0.00
4.0	1615	15.0			0.51	2.2					0.58	38.8		0.31	14.84	0.00
4.0	1615	16.0			0.51	2.2					0.60	39.7		0.31	14.84	0.00
4.0	1615	17.0			0.51	2.2					0.60	39.8		0.31	14.84	0.00
5.0	1600	1.0			0.51	2.2					0.65	42.3	3.6	0.85	14.92	0.00
5.0	1600	2.0			0.51	2.2					0.65	42.6		0.88	14.88	0.00
5.0	1600	3.0			0.51	2.2					0.68	44.1		0.92	14.89	0.00
5.0	1600	4.0			0.51	2.2					0.70	45.4		0.89	14.89	0.00
5.0	1600	5.0			0.51	2.2					0.71	45.5		0.94	14.83	0.00
5.0	1600	6.0			0.51	2.2					0.73	46.8		0.98	14.81	0.00
5.0	1600	7.0			0.51	2.2					0.76	48.3		0.98	14.84	0.00
5.0	1600	8.0			0.52	2.2					0.82	51.6		0.99	14.80	0.00
5.0	1600	9.0			0.52	2.2					0.84	53.0		1.01	14.80	0.00
5.0	1600	10.0			0.52	2.2					0.85	53.7		1.01	14.80	0.00
5.0	1600	11.0			0.52	2.3					0.88	55.1		1.03	14.79	0.00
5.0	1600	12.0			0.52	2.3					0.90	56.5		1.03	14.78	0.00
5.0	1600	13.0			0.52	2.3					0.97	60.0		1.03	14.78	0.00
6.0	1537	1.0			0.49	2.0					0.75	47.8	3.8	2.96	14.84	1.41
6.0	1537	2.0	1.0	0.39	0.49	2.0	9.4	9.2	9.5	95.5	0.75	47.7		2.98	14.83	1.43
6.0	1537	3.0			0.48	2.0		9.2	9.4	95.0	0.74	47.3		2.99	14.81	1.44
6.0	1537	4.0			0.49	2.0		9.1	9.4	94.5	0.72	46.1		3.06	14.72	1.50
6.0	1537	5.0			0.50	2.1		9.1	9.4	94.6	0.72	46.5		3.22	14.62	1.64
6.0	1537	6.0			0.50	2.2		9.2	9.4	94.8	0.75	47.7		3.26	14.61	1.68

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			CHL a				OXYG			SAT	SPM		SPM				
6.0	1537	7.0			0.51	2.2	9.2	9.4	94.8			0.79	50.2		3.29	14.60	1.70
6.0	1537	8.0			0.51	2.2	9.2	9.4	94.8			0.87	54.7		3.32	14.60	1.73
6.0	1537	9.0			0.51	2.2	9.2	9.4	94.9			0.99	61.4		3.34	14.60	1.74
6.0	1537	10.0			0.51	2.2	9.2	9.4	94.9			1.05	64.6		3.34	14.60	1.74
6.0	1537	11.0			0.52	2.2	9.2	9.4	94.9			1.10	67.4		3.35	14.60	1.75
6.0	1537	12.0	1.0	0.31	0.52	2.3	9.2	9.4	94.9			1.18	71.5		3.36	14.60	1.75
7.0	1514	1.0			0.52	2.3	9.2	9.4	95.8			0.68	43.8	3.7	4.10	14.77	2.30
7.0	1514	2.0			0.52	2.3	9.1	9.4	95.1		43.0	0.66	43.2		4.12	14.75	2.32
7.0	1514	3.0			0.51	2.2	9.0	9.3	94.4			0.67	43.5		4.41	14.65	2.56
7.0	1514	4.0			0.50	2.1	9.0	9.3	94.5			0.67	43.7		5.91	14.50	3.73
7.0	1514	5.0			0.52	2.3	9.0	9.2	94.6			0.81	51.0		6.49	14.48	4.18
7.0	1514	6.0			0.53	2.3	9.0	9.2	94.6			0.97	60.3		6.62	14.48	4.28
7.0	1514	7.0			0.52	2.3	9.0	9.2	94.6			1.06	65.2		6.66	14.48	4.31
7.0	1514	8.0			0.52	2.3	8.9	9.2	94.6			1.13	68.7		6.69	14.48	4.33
7.0	1514	9.0			0.52	2.3	9.0	9.2	94.7			1.20	72.6		6.72	14.48	4.36
7.0	1514	10.0			0.52	2.3	9.0	9.2	94.7			1.21	73.5		6.74	14.48	4.37
7.0	1514	11.0			0.52	2.3	9.0	9.3	94.8			1.25	75.5		6.75	14.48	4.38
7.0	1514	12.0			0.52	2.3	9.0	9.2	94.8			1.25	75.3		6.75	14.48	4.38
7.0	1514	13.0			0.52	2.3	9.0	9.2	94.8			1.26	76.2		6.77	14.48	4.39
7.0	1514	14.0			0.52	2.3	9.0	9.2	94.8			1.28	77.2		6.78	14.48	4.40
7.0	1514	15.0			0.52	2.3	8.9	9.2	94.7			1.29	77.9		6.77	14.48	4.40
7.0	1514	16.0			0.52	2.3	8.9	9.2	94.6			1.29	78.0		6.77	14.48	4.39
8.0	1451	1.0			0.45	1.8	8.9	9.2	93.7			0.55	36.8	2.6	6.52	14.47	4.21
8.0	1451	2.0			0.45	1.8	8.8	9.1	93.9			0.52	35.5		7.20	14.45	4.73
8.0	1451	3.0			0.45	1.8	8.8	9.1	94.0			0.52	35.4		7.79	14.46	5.18
8.0	1451	4.0			0.46	1.9	8.8	9.1	94.1			0.56	37.7		8.50	14.47	5.72
8.0	1451	5.0			0.47	1.9	8.8	9.1	94.2			0.63	41.3		8.53	14.48	5.74
8.0	1451	6.0			0.48	2.0	8.8	9.1	94.3			0.71	45.7		8.54	14.48	5.75
8.0	1451	7.0			0.49	2.1	8.8	9.1	94.6			0.79	50.2		9.37	14.51	6.38
8.0	1451	8.0			0.51	2.2	8.7	9.0	94.7			0.97	59.9		10.22	14.53	7.03
8.0	1451	9.0			0.54	2.4	8.7	9.0	94.7			1.11	67.6		10.71	14.54	7.40

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CHL a	CALC	OXYG	% OXY	DISCR	OBS	SPM	CALC	EXCOF	SALIN	TEMP	SIGT
8.0	1451	10.0			0.58	2.7			8.7	9.0	94.8		1.20	72.8			11.10	14.55	7.70
8.0	1451	11.0			0.60	2.8			8.6	9.0	94.7		1.33	79.8			11.21	14.56	7.78
8.0	1451	12.0			0.59	2.8			8.6	9.0	94.7		1.50	89.4			11.20	14.56	7.78
8.0	1451	13.0			0.59	2.7			8.6	9.0	94.7		1.56	92.9			11.21	14.56	7.79
8.0	1451	14.0			0.58	2.7			8.6	9.0	94.8		1.65	97.5			11.21	14.56	7.79
8.0	1451	15.0			0.59	2.8			8.6	9.0	94.7		1.69	99.9			11.21	14.56	7.79
8.0	1451	16.0			0.60	2.8			8.6	9.0	94.6		1.85	108.5			11.22	14.56	7.79
9.0	1433	1.0			0.46	1.9			8.8	9.1	95.2		0.51	34.7	2.6		8.93	14.60	6.03
9.0	1433	2.0	1.7	0.60	0.46	1.9		9.1	8.8	9.2	95.2		0.51	34.6			8.68	14.65	5.83
9.0	1433	3.0			0.46	1.9			8.8	9.1	95.0		0.50	34.3			8.69	14.66	5.84
9.0	1433	4.0			0.46	1.9			8.8	9.1	94.6		0.49	33.7			8.87	14.61	5.98
9.0	1433	5.0			0.47	1.9			8.8	9.1	94.7		0.48	33.2			9.36	14.54	6.37
9.0	1433	6.0			0.48	2.0			8.8	9.1	95.0		0.52	35.0			10.03	14.53	6.89
9.0	1433	7.0			0.49	2.0			8.7	9.1	95.0		0.60	39.6			10.29	14.54	7.08
9.0	1433	8.0			0.50	2.1			8.7	9.1	95.2		0.67	43.7			10.48	14.54	7.23
9.0	1433	9.0			0.50	2.2			8.7	9.0	95.2		0.74	47.1			10.82	14.55	7.49
9.0	1433	10.0			0.51	2.2			8.7	9.1	95.2		0.79	50.3			10.86	14.56	7.52
9.0	1433	11.0			0.51	2.2			8.7	9.0	95.4		0.90	56.2			11.19	14.57	7.77
9.0	1433	12.0			0.52	2.3			8.7	9.0	95.5		0.94	58.4			12.07	14.59	8.44
9.0	1433	13.0			0.52	2.3			8.6	9.0	95.5		1.00	61.6			12.36	14.60	8.66
9.0	1433	14.0			0.53	2.3			8.6	9.0	95.6		1.03	63.2			12.46	14.61	8.74
9.0	1433	15.0			0.53	2.3			8.6	9.0	95.5		1.04	64.1			12.59	14.61	8.84
9.0	1433	16.0			0.53	2.3			8.6	9.0	95.6		1.03	63.2			12.64	14.61	8.87
9.0	1433	17.0			0.53	2.3			8.6	9.0	95.6		1.03	63.3			12.64	14.61	8.88
9.0	1433	18.0			0.53	2.3			8.6	9.0	95.7		1.01	62.4			12.80	14.62	8.99
9.0	1433	19.0			0.53	2.3			8.6	9.0	95.7		1.01	62.1			12.82	14.62	9.01
9.0	1433	20.0			0.54	2.4			8.6	9.0	95.7		1.01	62.5			12.85	14.62	9.03
9.0	1433	21.0			0.53	2.4			8.6	9.0	95.8		1.03	63.5			12.87	14.62	9.05
9.0	1433	22.0			0.53	2.3			8.6	9.0	95.8		1.04	64.2			12.84	14.62	9.03
9.0	1433	23.0			0.53	2.3			8.6	9.0	95.8		1.07	65.3			12.89	14.62	9.06
9.0	1433	24.0			0.53	2.3			8.6	9.0	95.8		1.05	64.6			12.89	14.62	9.06
9.0	1433	25.0			0.54	2.4			8.6	9.0	95.9		1.08	66.2			12.89	14.62	9.06

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9.0	1433	26.0	1.6	0.40	0.54	2.4		8.6	9.0	95.7		1.23	74.4		12.86	14.62	9.04
10.0	1417	1.0			0.46	1.8		8.8	9.1	94.7		0.44	30.8	2.9	8.37	14.60	5.60
10.0	1417	2.0			0.46	1.8		8.8	9.1	94.8	34.2	0.46	32.1		8.70	14.56	5.86
10.0	1417	3.0			0.46	1.8		8.8	9.1	95.1		0.47	32.5		8.77	14.56	5.92
10.0	1417	4.0			0.46	1.9		8.8	9.2	95.2		0.47	32.6		8.84	14.57	5.97
10.0	1417	5.0			0.47	1.9		8.8	9.1	95.3		0.48	32.9		9.88	14.60	6.76
10.0	1417	6.0			0.47	1.9		8.8	9.1	95.4		0.49	33.3		10.30	14.61	7.08
10.0	1417	7.0			0.47	1.9		8.7	9.0	95.2		0.48	33.0		10.72	14.61	7.40
10.0	1417	8.0			0.48	2.0		8.7	9.0	95.3		0.49	33.6		11.03	14.58	7.64
10.0	1417	9.0			0.48	2.0		8.7	9.0	95.3		0.55	36.9		11.24	14.57	7.81
10.0	1417	10.0			0.49	2.0		8.7	9.0	95.5		0.59	39.1		11.44	14.57	7.96
10.0	1417	11.0			0.49	2.1		8.7	9.0	95.5		0.67	43.3		11.92	14.59	8.32
10.0	1417	12.0			0.49	2.1		8.7	9.0	95.6		0.68	44.0		12.14	14.59	8.49
10.0	1417	13.0			0.49	2.1		8.7	9.0	95.6		0.69	44.7		12.25	14.60	8.57
10.0	1417	14.0			0.49	2.1		8.7	9.0	95.7		0.72	46.1		12.47	14.60	8.74
10.0	1417	15.0			0.51	2.2		8.6	9.0	96.0		0.73	46.6		12.95	14.63	9.11
10.0	1417	16.0			0.52	2.3		8.6	8.9	96.0		0.81	51.0		13.68	14.65	9.66
10.0	1417	17.0			0.53	2.4		8.6	8.9	95.9		0.91	56.8		13.76	14.66	9.72
10.0	1417	18.0			0.53	2.3		8.6	8.9	95.9		1.02	63.0		13.78	14.66	9.74
11.0	1358	1.0			0.53	2.4		8.7	9.0	95.9		0.32	24.0	1.6	11.05	15.02	7.58
11.0	1358	2.0			0.53	2.4		8.6	8.9	95.3	23.9	0.32	24.0		11.72	14.84	8.13
11.0	1358	3.0			0.63	3.1		8.7	9.0	96.6		0.32	24.4		13.09	14.65	9.21
11.0	1358	4.0			0.84	4.5		8.6	9.0	97.0		0.35	26.0		14.37	14.84	10.16
11.0	1358	5.0			0.99	5.6		8.6	9.0	97.2		0.48	32.9		14.49	14.85	10.25
11.0	1358	6.0			1.03	5.9		8.6	8.9	97.1		0.62	40.5		15.24	14.86	10.82
11.0	1358	7.0			0.99	5.5		8.6	8.9	97.1		0.74	47.3		15.42	14.84	10.96
11.0	1358	8.0			0.91	5.0		8.5	8.9	96.9		0.84	52.7		15.48	14.82	11.01
11.0	1358	9.0			0.85	4.6		8.5	8.9	96.9		0.88	55.3		15.54	14.79	11.06
11.0	1358	10.0			0.77	4.0		8.5	8.9	96.7		0.90	56.2		15.50	14.80	11.03
11.0	1358	11.0			0.68	3.4		8.5	8.9	96.6		0.90	56.0		15.60	14.76	11.11
11.0	1358	12.0			0.64	3.1		8.5	8.9	96.6		0.88	55.4		15.59	14.76	11.11

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11.0	1358	13.0			0.63	3.0			8.5	8.9	8.9	96.7		0.86	54.0			15.59	14.75	11.11
11.0	1358	14.0			0.62	3.0			8.5	8.9	8.9	96.7		0.85	53.2			15.59	14.75	11.11
11.0	1358	15.0			0.62	3.0			8.5	8.9	8.9	96.7		0.85	53.5			15.59	14.75	11.11
12.0	1342	1.0			0.56	2.6			8.5	8.8	8.8	96.0		0.21	18.2		1.7	13.98	15.17	9.80
12.0	1342	2.0			0.55	2.5			8.5	8.8	8.8	95.6		0.20	17.7			14.31	14.89	10.10
12.0	1342	3.0			0.51	2.2			8.4	8.8	8.8	95.8		0.21	17.9			15.52	14.70	11.06
12.0	1342	4.0			0.49	2.0			8.4	8.8	8.8	96.0		0.23	19.1			16.46	14.73	11.78
12.0	1342	5.0			0.48	2.0			8.4	8.8	8.8	96.1		0.26	20.7			16.63	14.73	11.91
12.0	1342	6.0			0.49	2.0			8.4	8.8	8.8	96.4		0.29	22.3			17.28	14.73	12.41
12.0	1342	7.0			0.51	2.2			8.4	8.8	8.8	96.4		0.35	25.8			17.34	14.73	12.46
12.0	1342	8.0			0.52	2.2			8.4	8.8	8.8	96.5		0.52	35.0			17.37	14.73	12.48
12.0	1342	9.0			0.53	2.3			8.4	8.8	8.8	96.6		0.60	39.8			17.38	14.73	12.48
12.0	1342	10.0			0.53	2.3			8.4	8.8	8.8	96.5		0.66	42.9			17.39	14.73	12.49
13.0	1258	1.0			0.68	3.4			8.5	8.8	8.8	97.9		0.17	15.7		1.5	16.70	15.23	11.88
13.0	1258	2.0	4.3	0.79	0.58	2.7		9.0	8.4	8.8	8.8	97.3		0.17	16.0			18.83	14.78	13.58
13.0	1258	3.0			0.47	1.9			8.3	8.7	8.7	97.3		0.17	15.8			20.25	14.64	14.70
13.0	1258	4.0			0.41	1.5			8.3	8.7	8.7	97.3		0.16	15.5			20.92	14.61	15.22
13.0	1258	5.0			0.38	1.3			8.3	8.7	8.7	97.3		0.16	15.2			21.34	14.58	15.55
13.0	1258	6.0			0.37	1.3			8.3	8.7	8.7	97.4		0.21	17.9			21.81	14.54	15.92
13.0	1258	7.0			0.38	1.3			8.3	8.7	8.7	97.6		0.33	24.9			21.95	14.53	16.03
13.0	1258	8.0			0.40	1.4			8.3	8.7	8.7	97.6		0.44	30.7			22.02	14.53	16.09
13.0	1258	9.0			0.41	1.5			8.3	8.7	8.7	97.7		0.46	31.9			22.03	14.53	16.09
13.0	1258	10.0	1.5	0.33	0.41	1.5			8.3	8.7	8.7	97.7		0.50	34.4			22.05	14.53	16.10
14.0	1240	1.0			0.63	3.1			8.5	8.8	8.8	97.7		0.21	17.9		1.4	17.53	14.97	12.56
14.0	1240	2.0			0.57	2.6			8.4	8.8	8.8	97.1		0.20	17.4			18.45	14.80	13.30
14.0	1240	3.0			0.56	2.6			8.3	8.7	8.7	96.9		0.18	16.4			19.32	14.68	13.98
14.0	1240	4.0			0.55	2.5			8.3	8.7	8.7	97.1		0.16	15.3			19.84	14.64	14.39
14.0	1240	5.0			0.49	2.0			8.3	8.7	8.7	97.0		0.16	15.6			20.29	14.61	14.74
14.0	1240	6.0			0.43	1.7			8.2	8.6	8.6	96.7		0.17	15.9			20.95	14.57	15.25
14.0	1240	7.0			0.38	1.3			8.2	8.6	8.6	96.7		0.18	16.7			22.22	14.49	16.24

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North 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 SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
14.0	1240	8.0			0.37	1.2		8.1	8.6	96.8	0.19	16.8		23.00	14.44	16.85
14.0	1240	9.0			0.38	1.3		8.1	8.6	96.9	0.23	19.0		23.09	14.43	16.93
14.0	1240	10.0			0.38	1.3		8.1	8.6	96.9	0.32	24.1		23.20	14.43	17.01
14.0	1240	11.0			0.39	1.3		8.2	8.6	97.1	0.35	25.8		23.19	14.43	17.01
14.0	1240	12.0			0.39	1.4		8.2	8.6	97.1	0.43	30.5		23.21	14.42	17.02
14.0	1240	13.0			0.39	1.4		8.2	8.6	97.1	0.44	30.8		23.23	14.42	17.03
14.0	1240	14.0			0.39	1.3		8.1	8.6	97.0	0.47	32.3		23.24	14.42	17.04
14.0	1240	15.0			0.38	1.3		8.2	8.6	97.2	0.50	34.1		23.24	14.42	17.04
15.0	1220	1.0			0.49	2.0		8.3	8.7	96.7	0.19	16.9	1.5	18.94	14.84	13.67
15.0	1220	2.0	2.8	0.72	0.45	1.8	8.9	8.3	8.7	96.9	0.19	17.1		20.28	14.61	14.73
15.0	1220	3.0			0.42	1.6		8.3	8.7	96.9	0.19	17.2		20.79	14.56	15.13
15.0	1220	4.0			0.40	1.4		8.2	8.6	97.0	0.20	17.4		21.24	14.55	15.48
15.0	1220	5.0			0.38	1.3		8.2	8.6	96.9	0.20	17.3		21.55	14.53	15.72
15.0	1220	6.0			0.36	1.2		8.2	8.6	96.9	0.19	17.2		22.07	14.51	16.13
15.0	1220	7.0			0.35	1.1		8.2	8.6	97.0	0.19	16.8		22.41	14.49	16.39
15.0	1220	8.0			0.36	1.1		8.2	8.6	97.1	0.18	16.6		22.62	14.47	16.56
15.0	1220	9.0			0.36	1.1		8.2	8.6	97.0	0.18	16.7		22.77	14.45	16.68
15.0	1220	10.0			0.36	1.1		8.2	8.6	97.0	0.18	16.3		23.05	14.43	16.90
15.0	1220	11.0			0.36	1.2		8.2	8.6	97.1	0.17	16.1		23.12	14.42	16.95
15.0	1220	12.0			0.36	1.2		8.2	8.6	97.2	0.17	16.1		23.36	14.40	17.14
15.0	1220	13.0			0.36	1.2		8.1	8.6	97.1	0.17	15.9		23.62	14.38	17.34
15.0	1220	14.0			0.37	1.3		8.1	8.5	97.1	0.17	15.8		23.98	14.35	17.62
15.0	1220	15.0			0.39	1.3		8.1	8.5	97.3	0.18	16.3		24.31	14.32	17.88
15.0	1220	16.0			0.39	1.4		8.1	8.6	97.3	0.22	18.8		24.40	14.31	17.95
15.0	1220	17.0			0.40	1.4		8.1	8.5	97.3	0.27	21.5		24.48	14.31	18.01
15.0	1220	18.0			0.40	1.4		8.1	8.6	97.4	0.33	24.6		24.52	14.31	18.05
15.0	1220	19.0			0.40	1.5		8.1	8.5	97.3	0.39	28.2		24.56	14.30	18.08
15.0	1220	20.0			0.41	1.5		8.1	8.6	97.4	0.41	28.9		24.59	14.30	18.10
15.0	1220	21.0			0.41	1.5		8.1	8.6	97.4	0.44	30.9		24.62	14.30	18.13
15.0	1220	22.0			0.41	1.5		8.1	8.6	97.4	0.47	32.7		24.61	14.30	18.12
15.0	1220	23.0			0.40	1.5		8.1	8.6	97.5	0.50	33.9		24.59	14.30	18.10
15.0	1220	24.0	1.6	0.34	0.40	1.4		8.1	8.6	97.4	0.52	35.3		24.59	14.30	18.10

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North San Francisco Bay

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	OXYG	OXYG	CALC	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
16.0	1155	1.0			0.45	1.8		8.2	8.6	8.6	97.3		0.10	12.1	1.2	22.01	14.57	16.07
16.0	1155	2.0			0.43	1.7		8.2	8.6	8.6	97.2		0.10	12.0		22.96	14.44	16.82
16.0	1155	3.0			0.40	1.4		8.2	8.6	8.6	97.1		0.10	12.2		23.38	14.40	17.15
16.0	1155	4.0			0.37	1.2		8.1	8.6	8.6	97.1		0.11	12.4		23.63	14.38	17.35
16.0	1155	5.0			0.37	1.3		8.1	8.6	8.6	97.2		0.12	13.1		23.85	14.36	17.53
16.0	1155	6.0			0.38	1.3		8.1	8.6	8.6	97.2		0.13	13.7		23.96	14.35	17.61
16.0	1155	7.0			0.38	1.3		8.1	8.6	8.6	97.3		0.16	15.2		24.08	14.34	17.70
16.0	1155	8.0			0.38	1.3		8.1	8.6	8.6	97.3		0.18	16.3		24.16	14.33	17.76
16.0	1155	9.0			0.39	1.4		8.1	8.6	8.6	97.4		0.20	17.8		24.19	14.33	17.79
16.0	1155	10.0			0.41	1.5		8.1	8.6	8.6	97.4		0.24	19.7		24.20	14.33	17.80
16.0	1155	11.0			0.41	1.5		8.1	8.6	8.6	97.3		0.28	21.8		24.22	14.33	17.82
16.0	1155	12.0			0.40	1.5		8.1	8.6	8.6	97.3		0.30	23.2		24.22	14.33	17.81
16.0	1155	13.0			0.40	1.5		8.2	8.6	8.6	97.5		0.33	24.6		24.23	14.33	17.82
18.0	1120	1.0			0.50	2.1		8.2	8.6	8.6	98.9		0.02	7.8	0.8	26.95	14.16	19.94
18.0	1120	2.0	2.6	0.73	0.52	2.3	8.5	8.2	8.6	8.6	99.1	6.9	0.02	7.7		26.96	14.16	19.95
18.0	1120	3.0			0.50	2.1		8.2	8.6	8.6	99.1		0.02	7.6		26.96	14.16	19.95
18.0	1120	4.0			0.47	1.9		8.2	8.6	8.6	99.0		0.02	7.7		26.97	14.16	19.96
18.0	1120	5.0			0.45	1.8		8.2	8.6	8.6	98.9		0.02	7.6		26.99	14.14	19.98
18.0	1120	6.0			0.45	1.8		8.2	8.6	8.6	98.8		0.02	7.6		27.01	14.13	20.00
18.0	1120	7.0			0.45	1.8		8.2	8.6	8.6	98.7		0.02	7.7		27.05	14.11	20.03
18.0	1120	8.0			0.46	1.9		8.1	8.6	8.6	98.6		0.03	8.1		27.11	14.09	20.08
18.0	1120	9.0			0.46	1.8		8.1	8.5	8.5	98.5		0.03	8.2		27.21	14.07	20.17
18.0	1120	10.0			0.43	1.7		8.1	8.5	8.5	98.5		0.03	8.2		27.26	14.06	20.20
18.0	1120	11.0			0.43	1.6		8.1	8.6	8.6	98.5		0.03	8.3		27.32	14.05	20.25
18.0	1120	12.0			0.44	1.7		8.1	8.5	8.5	98.3		0.04	8.6		27.35	14.05	20.27
18.0	1120	13.0			0.44	1.7		8.1	8.5	8.5	98.4		0.04	8.6		27.40	14.04	20.32
18.0	1120	14.0			0.47	1.9		8.1	8.5	8.5	98.5		0.04	8.7		27.44	14.03	20.35
18.0	1120	15.0			0.50	2.1		8.1	8.5	8.5	98.4		0.04	8.7		27.46	14.03	20.37
18.0	1120	16.0			0.48	2.0		8.1	8.5	8.5	98.4		0.04	8.9		27.51	14.02	20.40
18.0	1120	17.0			0.45	1.8		8.1	8.5	8.5	98.5		0.05	9.1		27.57	14.01	20.45
18.0	1120	18.0			0.45	1.8		8.1	8.5	8.5	98.5		0.05	9.3		27.59	14.00	20.47
18.0	1120	19.0			0.46	1.9		8.1	8.5	8.5	98.5		0.05	9.4		27.61	13.99	20.49

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North San Francisco Bay

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	CALC OXYG	% OXY	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
18.0	1120	20.0			0.49	2.1		8.1	8.5	98.5	0.05	9.4		27.62	13.99	20.50
18.0	1120	21.0			0.50	2.1		8.1	8.5	98.6	0.06	9.9		27.61	13.99	20.49
18.0	1120	22.0			0.46	1.8		8.1	8.5	98.6	0.06	9.7		27.61	13.99	20.49
18.0	1120	23.0			0.45	1.8		8.1	8.6	98.6	0.06	9.6		27.61	13.99	20.49
18.0	1120	24.0			0.45	1.8		8.1	8.6	98.6	0.06	9.6		27.61	13.99	20.49
18.0	1120	25.0			0.47	1.9		8.1	8.6	98.6	0.06	9.7		27.62	13.99	20.50
18.0	1120	26.0			0.48	2.0		8.1	8.6	98.6	0.06	9.9		27.63	13.99	20.50
18.0	1120	27.0			0.47	1.9		8.1	8.5	98.5	0.06	10.0		27.64	13.98	20.51
18.0	1120	28.0			0.46	1.9		8.1	8.6	98.6	0.06	10.1		27.64	13.98	20.51
18.0	1120	29.0			0.46	1.9		8.1	8.6	98.6	0.07	10.3		27.65	13.98	20.52
18.0	1120	30.0			0.45	1.8		8.1	8.5	98.6	0.07	10.3		27.66	13.98	20.52
18.0	1120	31.0			0.48	2.0		8.1	8.6	98.6	0.07	10.5		27.66	13.98	20.53
18.0	1120	32.0			0.51	2.2		8.1	8.6	98.6	0.08	10.8		27.66	13.98	20.53
18.0	1120	33.0			0.51	2.2		8.1	8.5	98.6	0.11	12.5		27.67	13.98	20.54
18.0	1120	34.0			0.49	2.1		8.1	8.5	98.5	0.11	12.5		27.67	13.98	20.54
18.0	1120	35.0			0.50	2.2		8.1	8.5	98.6	0.11	12.8		27.68	13.98	20.54
18.0	1120	36.0			0.50	2.1		8.1	8.5	98.6	0.11	12.7		27.68	13.98	20.54
18.0	1120	37.0			0.47	1.9		8.1	8.5	98.6	0.12	12.9		27.68	13.98	20.55
18.0	1120	38.0			0.48	2.0		8.1	8.5	98.5	0.11	12.8		27.68	13.98	20.55
18.0	1120	39.0			0.48	2.0		8.1	8.5	98.6	0.12	13.1		27.69	13.97	20.56
18.0	1120	40.0			0.47	1.9		8.1	8.6	98.6	0.13	13.9		27.70	13.97	20.56
18.0	1120	41.0			0.48	2.0		8.1	8.5	98.6	0.13	13.8		27.70	13.97	20.56
18.0	1120	42.0			0.50	2.1		8.1	8.5	98.4	0.14	14.3		27.71	13.97	20.57
18.0	1120	43.0			0.54	2.4		8.1	8.5	98.1	0.17	15.7		27.83	13.93	20.67
18.0	1120	44.0			0.56	2.5		8.1	8.5	98.0	0.24	19.9		28.03	13.88	20.83
18.0	1120	45.0	2.5	0.55	0.54	2.4		8.1	8.5	98.3	0.31	23.6		28.15	13.86	20.93

Std. Err.

Inter.

Slope

r²

n

Fluorometer Calibration:

OBS Calibration:

Dissolved Oxygen Calibration:

15

8

8

-1.353

6.511

1.714

0.745

1.510

0.229

6.975

55.242

0.841

0.267

0.987

0.769

North San Francisco Bay

March 17, 1994

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STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CALC	CHL a	DISCR	CALC	OKYG	CALC	% OXY	SAT	DISCR	OBS	SPM	CALC	EXCOF	SALIN	TEMP	SIGT
6.0	-9	1.0			0.49	2.0			9.4	9.6	96.0		0.84	52.9	3.4	3.12	14.31	1.62					
6.0	-9	2.0			0.48	2.0			9.4	9.6	95.8		0.86	54.1		3.30	14.31	1.75					
6.0	-9	3.0			0.48	2.0			9.3	9.6	95.8		0.89	55.6		3.48	14.30	1.89					
6.0	-9	4.0			0.48	2.0			9.4	9.6	95.8		0.90	56.3		3.54	14.30	1.93					
6.0	-9	5.0			0.48	2.0			9.3	9.6	95.8		0.90	56.3		3.58	14.30	1.97					
6.0	-9	6.0			0.49	2.0			9.4	9.6	95.9		0.88	55.4		3.58	14.31	1.97					
6.0	-9	7.0			0.49	2.1			9.4	9.6	96.0		0.90	56.3		3.59	14.31	1.97					
6.0	-9	8.0			0.49	2.1			9.3	9.6	95.8		0.91	56.6		3.60	14.31	1.99					
757	0654	1.0			0.02	0.0							0.17	15.7	1.7	0.13	14.47	0.00					
757	0654	2.0	1.5	0.60	0.02	0.0	9.4						11.8	15.6		0.13	14.46	0.00					
757	0654	3.0			0.02	0.0							0.17	15.8		0.13	14.47	0.00					
757	0654	4.0			0.02	0.0							0.17	15.8		0.14	14.48	0.00					
757	0654	5.0			0.02	0.0							0.18	16.3		0.14	14.48	0.00					
757	0654	6.0			0.02	0.0							0.18	16.3		0.14	14.48	0.00					
757	0654	7.0			0.02	0.0							0.18	16.2		0.14	14.48	0.00					
757	0654	8.0			0.02	0.0							0.18	16.5		0.14	14.48	0.00					
757	0654	9.0			0.02	0.0							0.18	16.5		0.14	14.48	0.00					
757	0654	10.0			0.02	0.0							0.18	16.5		0.14	14.48	0.00					
757	0654	11.0			0.02	0.0							0.18	16.6		0.14	14.48	0.00					
757	0654	12.0			0.02	0.0							0.19	16.8		0.14	14.48	0.00					
757	0654	13.0			0.02	0.0							0.19	16.7		0.14	14.48	0.00					
757	0654	14.0			0.02	0.0							0.18	16.6		0.14	14.49	0.00					
757	0654	15.0	1.7	0.73	0.02	0.0							0.18	16.6		0.14	14.49	0.00					
753	0728	1.0			0.02	0.0							0.25	20.3	1.9	0.17	15.16	0.00					
753	0728	2.0			0.02	0.0							0.23	19.2		0.17	15.18	0.00					
753	0728	3.0			0.02	0.0							0.24	19.9		0.17	15.18	0.00					
753	0728	4.0			0.02	0.0							0.25	20.3		0.17	15.18	0.00					
753	0728	5.0			0.02	0.0							0.25	20.4		0.17	15.18	0.00					
753	0728	6.0			0.02	0.0							0.25	20.0		0.17	15.18	0.00					
753	0728	7.0			0.02	0.0							0.25	20.3		0.17	15.18	0.00					
753	0728	8.0			0.02	0.0							0.24	20.0		0.17	15.18	0.00					

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North San Francisco Bay

STN	TIME	DEPTH	DISCR	CHL a/ CHL a + PHA	FLUOR	CALC	DISCR	CALC	OXYG	CALC	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
753	0728	9.0			0.02	0.0							0.25	20.0		0.17	15.18	0.00
753	0728	10.0			0.02	0.0							0.25	20.2		0.17	15.18	0.00
753	0728	11.0			0.02	0.0							0.25	20.4		0.17	15.18	0.00
753	0728	12.0			0.02	0.0							0.24	20.0		0.17	15.18	0.00
753	0728	13.0			0.02	0.0							0.25	20.2		0.17	15.18	0.00
747	0803	1.0			0.49	2.1							0.41	28.9	2.7	0.24	14.70	0.00
747	0803	2.0			0.49	2.1							0.40	28.6		0.24	14.70	0.00
747	0803	3.0			0.49	2.0							0.40	28.3		0.24	14.69	0.00
747	0803	4.0			0.49	2.0							0.40	28.6		0.24	14.69	0.00
747	0803	5.0			0.49	2.1							0.40	28.7		0.24	14.67	0.00
747	0803	6.0			0.49	2.0							0.40	28.4		0.23	14.67	0.00
747	0803	7.0			0.48	2.0							0.40	28.6		0.23	14.66	0.00
747	0803	8.0			0.48	2.0							0.40	28.5		0.23	14.66	0.00
747	0803	9.0			0.49	2.1							0.39	28.3		0.23	14.66	0.00
747	0803	10.0			0.49	2.1							0.39	28.2		0.23	14.66	0.00
747	0803	11.0			0.49	2.1							0.40	28.8		0.23	14.66	0.00
747	0803	12.0			0.49	2.1							0.40	28.8		0.23	14.65	0.00
747	0803	13.0			0.49	2.0							0.40	28.8		0.23	14.64	0.00
747	0803	14.0			0.48	2.0							0.41	29.4		0.23	14.64	0.00
747	0803	15.0			0.48	2.0							0.41	29.3		0.23	14.63	0.00
747	0803	16.0			0.48	2.0							0.41	29.4		0.23	14.63	0.00
747	0803	17.0			0.49	2.0							0.42	29.8		0.23	14.64	0.00
747	0803	18.0			0.48	2.0							0.41	29.2		0.23	14.65	0.00

Std. Err.

Inter.

Slope

r^2

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Fluorometer Calibration:

OBS Calibration:

Dissolved Oxygen Calibration:

Note: Regression calibrations from March 16 North Bay were used

Seabird v4.026

South San Francisco Bay

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STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CALC	CHL a	OXYG	DISCR	% OXY	SAT	DISCR	OBS	CALC	EXCOF	SALIN	TEMP	SIGT
36.0	1217	1.0			3.88	25.7		6.9	7.7	90.0					3.21	245.6	7.8	24.66	15.54	17.91
36.0	1217	2.0	28.2	0.51	4.00	26.5		6.9	7.7	90.0	275.7				3.60	275.3		24.66	15.52	17.91
36.0	1217	3.0			4.03	26.7		6.9	7.7	89.9					4.22	322.7		24.68	15.51	17.93
36.0	1217	4.0			4.32	28.7		6.9	7.7	89.9					4.86	370.5		24.73	15.50	17.97
36.0	1217	5.0			4.36	29.0		6.9	7.7	89.9					5.12	390.3		24.74	15.50	17.98
36.0	1217	6.0			4.35	28.9		6.9	7.7	89.9					5.17	394.5		24.74	15.50	17.98
36.0	1217	7.0			4.41	29.3		6.9	7.7	89.8					5.44	414.7		24.74	15.50	17.98
36.0	1217	8.0	27.6	0.40	4.37	29.1		6.9	7.7	89.9					5.42	413.6		24.74	15.50	17.98
35.0	1205	1.0			3.92	25.9		7.1	7.7	90.2					2.88	220.9		25.04	15.34	18.24
35.0	1205	2.0			3.90	25.8		7.1	7.7	90.2					2.83	216.9		25.04	15.33	18.24
35.0	1205	3.0			3.89	25.7		7.1	7.7	90.1					2.93	224.8		25.03	15.32	18.24
35.0	1205	4.0			3.85	25.4		7.1	7.7	90.1					2.98	228.6		25.03	15.32	18.24
35.0	1205	5.0			3.77	24.9		7.1	7.7	90.1					2.99	229.0		25.04	15.32	18.24
35.0	1205	6.0			3.79	25.0		7.1	7.7	90.1					2.97	227.8		25.04	15.32	18.24
35.0	1205	7.0			3.93	26.0		7.1	7.7	90.1					3.06	234.3		25.03	15.32	18.24
35.0	1205	8.0			4.01	26.6		7.1	7.7	90.1					3.30	252.8		25.01	15.33	18.22
35.0	1205	9.0			3.97	26.3		7.1	7.7	90.1					3.88	296.6		25.00	15.33	18.21
34.0	1155	1.0			3.48	22.9		7.4	7.8	90.6					1.57	121.4	6.9	25.34	15.18	18.50
34.0	1155	2.0			3.64	24.0		7.3	7.8	90.5					1.72	132.9		25.38	15.13	18.54
34.0	1155	3.0			3.67	24.2		7.3	7.8	90.4					2.25	172.7		25.40	15.08	18.57
34.0	1155	4.0			3.67	24.2		7.3	7.8	90.3					3.00	229.6		25.41	15.07	18.58
34.0	1155	5.0			3.88	25.7		7.3	7.8	90.2					3.84	293.5		25.40	15.06	18.57
34.0	1155	6.0			4.08	27.0		7.2	7.8	90.2					4.55	347.1		25.40	15.06	18.57
34.0	1155	7.0			4.20	27.9		7.2	7.8	90.1					5.39	410.7		25.38	15.06	18.56
34.0	1155	8.0			4.20	27.9		7.2	7.7	90.1					6.42	488.9		25.36	15.07	18.54
33.0	1138	1.0			2.90	18.8		8.4	7.9	93.4					0.26	21.9	2.3	25.57	15.57	18.60
33.0	1138	2.0			2.89	18.7		8.0	7.9	92.6					0.26	22.5		25.60	15.49	18.64
33.0	1138	3.0			2.79	18.0		7.8	7.8	91.8					0.28	23.6		25.67	15.31	18.73
33.0	1138	4.0			2.50	16.0		7.6	7.8	91.1					0.29	24.7		25.76	15.10	18.84
33.0	1138	5.0			2.45	15.6		7.5	7.8	90.8					0.31	26.1		25.86	14.98	18.95

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STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	OXYG	CALC	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
33.0	1138	6.0			2.59	16.7		7.5	7.8	90.8		0.43	35.2		25.90	14.93	18.98
33.0	1138	7.0			2.86	18.5		7.5	7.8	90.7		0.77	61.1		25.90	14.92	18.99
33.0	1138	8.0			3.01	19.6		7.5	7.8	90.6		1.28	99.4		25.90	14.91	18.98
33.0	1138	9.0			2.90	18.8		7.5	7.8	90.6		1.74	134.2		25.89	14.91	18.98
33.0	1138	10.0			2.98	19.4		7.4	7.8	90.6		2.36	181.3		25.89	14.91	18.98
33.0	1138	11.0			3.17	20.7		7.4	7.8	90.5		3.02	231.4		25.89	14.91	18.98
33.0	1138	12.0			3.18	20.8		7.4	7.8	90.5		3.42	261.7		25.89	14.91	18.98
33.0	1138	13.0			3.15	20.6		7.4	7.8	90.5		3.60	275.1		25.88	14.91	18.98
33.0	1138	14.0			3.16	20.6		7.4	7.8	90.6		3.89	297.3		25.88	14.91	18.97
32.0	1129	1.0			2.62	16.9		7.9	7.9	92.1		0.23	19.7	2.5	25.76	15.27	18.81
32.0	1129	2.0	17.4	0.72	2.64	17.0	7.8	7.7	7.8	91.4	29.9	0.43	34.6		25.88	15.03	18.94
32.0	1129	3.0			2.60	16.7		7.7	7.8	91.1		1.09	85.1		25.94	14.95	19.01
32.0	1129	4.0			2.75	17.7		7.6	7.8	91.0		1.62	125.2		25.95	14.94	19.02
32.0	1129	5.0			2.96	19.2		7.6	7.8	90.9		1.97	151.9		25.95	14.92	19.02
32.0	1129	6.0			3.10	20.2		7.5	7.8	90.8		2.32	177.9		25.94	14.92	19.02
32.0	1129	7.0			3.13	20.4		7.5	7.8	90.8		2.38	182.6		25.94	14.92	19.02
32.0	1129	8.0			3.00	19.5		7.5	7.8	90.8		2.33	178.8		25.94	14.92	19.02
32.0	1129	9.0			2.99	19.4		7.5	7.8	90.7		2.43	186.3		25.94	14.92	19.02
32.0	1129	10.0			2.97	19.3		7.5	7.8	90.7		3.06	234.3		25.94	14.91	19.02
32.0	1129	11.0			3.02	19.6		7.5	7.8	90.6		4.02	307.4		25.94	14.90	19.02
32.0	1129	12.0			3.20	20.9		7.4	7.8	90.5		6.07	462.3		25.93	14.89	19.01
32.0	1129	13.0			3.27	21.4		7.4	7.8	90.4		9.07	690.2		25.91	14.88	19.00
32.0	1129	14.0	20.5	0.37	3.26	21.3		7.4	7.8	90.4		10.37	788.9		25.88	14.88	18.98
31.0	1117	1.0			2.26	14.3		7.5	7.8	90.9		0.37	30.7	2.5	25.95	15.01	19.01
31.0	1117	2.0			2.33	14.8		7.4	7.8	90.7		0.36	29.6		25.96	14.95	19.02
31.0	1117	3.0			2.35	14.9		7.4	7.8	90.6		0.39	31.8		25.97	14.94	19.04
31.0	1117	4.0			2.41	15.4		7.4	7.8	90.5		0.40	32.9		26.06	14.87	19.11
31.0	1117	5.0			2.37	15.1		7.4	7.8	90.4		0.49	39.3		26.10	14.84	19.16
31.0	1117	6.0			2.20	13.9		7.4	7.8	90.4		0.69	54.4		26.10	14.83	19.16
31.0	1117	7.0			2.13	13.5		7.4	7.8	90.4		0.92	72.2		26.11	14.82	19.17
31.0	1117	8.0			2.12	13.4		7.4	7.8	90.3		1.03	80.5		26.11	14.82	19.17

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STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CALC	CHL a	DISCR	% OXY	SAT	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
31.0	1117	9.0			2.21	14.0		7.3	7.8		90.3			1.16	90.4		26.13	14.80	19.19
31.0	1117	10.0			2.27	14.4		7.3	7.8		90.2			1.31	101.9		26.13	14.80	19.19
31.0	1117	11.0			2.26	14.3		7.3	7.8		90.2			1.51	117.1		26.13	14.79	19.19
31.0	1117	12.0			2.32	14.8		7.3	7.8		90.2			1.71	132.1		26.13	14.79	19.19
31.0	1117	13.0			2.54	16.3		7.3	7.8		90.1			1.90	146.6		26.13	14.78	19.19
31.0	1117	14.0			2.57	16.5		7.3	7.8		90.0			2.26	173.5		26.06	14.78	19.13
30.0	1101	1.0			2.09	13.1		7.6	7.8		91.0			0.34	28.0	2.6	26.09	14.93	19.13
30.0	1101	2.0	13.5	0.71	2.02	12.6	7.8	7.5	7.8	29.1	90.8			0.38	31.2		26.08	14.96	19.11
30.0	1101	3.0			1.99	12.4		7.4	7.8		90.5			0.40	33.0		26.10	14.89	19.14
30.0	1101	4.0			2.11	13.3		7.4	7.8		90.3			0.41	33.1		26.16	14.79	19.21
30.0	1101	5.0			2.18	13.8		7.4	7.8		90.3			0.45	36.5		26.18	14.77	19.23
30.0	1101	6.0			2.03	12.7		7.4	7.8		90.3			0.52	41.6		26.20	14.74	19.25
30.0	1101	7.0			1.88	11.7		7.4	7.8		90.3			0.58	46.5		26.21	14.71	19.27
30.0	1101	8.0			1.86	11.5		7.4	7.8		90.3			0.60	47.8		26.22	14.69	19.28
30.0	1101	9.0			1.91	11.9		7.4	7.8		90.2			0.59	47.1		26.21	14.66	19.27
30.0	1101	10.0			2.13	13.4		7.4	7.8		90.2			0.60	47.5		26.29	14.61	19.35
30.0	1101	11.0			2.59	16.6		7.4	7.8		90.1			1.22	94.8		26.29	14.61	19.35
30.0	1101	12.0			2.99	19.5		7.3	7.8		90.0			4.36	333.1		26.27	14.61	19.34
30.0	1101	13.0			3.16	20.6		7.3	7.8		90.0			7.66	583.2		26.27	14.62	19.33
30.0	1101	14.0	20.5	0.21	3.15	20.6		7.4	7.8		90.1			X12.17	924.8		26.26	14.62	19.33
29.5	1047	1.0			1.82	11.3		7.6	7.8		90.9			0.40	32.9	2.6	26.18	14.84	19.22
29.5	1047	2.0			1.86	11.5		7.6	7.8		90.9			0.41	33.7		26.18	14.87	19.21
29.5	1047	3.0			1.93	12.1		7.5	7.8		90.8			0.42	34.2		26.19	14.84	19.23
29.5	1047	4.0			1.99	12.5		7.5	7.8		90.5			0.42	34.1		26.20	14.80	19.24
29.5	1047	5.0			1.88	11.7		7.5	7.8		90.4			0.43	34.9		26.27	14.68	19.32
29.5	1047	6.0			1.79	11.1		7.5	7.8		90.3			0.45	36.8		26.32	14.61	19.37
29.5	1047	7.0			1.79	11.1		7.5	7.8		90.3			0.56	44.8		26.33	14.59	19.38
29.5	1047	8.0			1.80	11.2		7.5	7.8		90.3			0.63	50.3		26.34	14.57	19.40
29.5	1047	9.0			1.82	11.3		7.5	7.8		90.3			0.71	56.0		26.34	14.56	19.40
29.5	1047	10.0			1.90	11.8		7.5	7.8		90.2			0.75	59.4		26.37	14.53	19.42
29.5	1047	11.0			2.11	13.3		7.5	7.8		90.2			0.85	67.2		26.37	14.52	19.43

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	OXYG	CALC	% OXY	DISCR	OBS	CALC	EXCOF	SALIN	TEMP	SIGT
			CHL a								SPM		SPM				
29.5	1047	12.0			2.37	15.1		7.5	7.8	90.1		1.43	111.0		26.37	14.52	19.43
29.5	1047	13.0			2.61	16.8		7.5	7.8	90.1		2.44	187.4		26.37	14.52	19.43
29.5	1047	14.0			2.85	18.5		7.4	7.8	90.1		5.14	392.3		26.36	14.52	19.42
29.5	1047	15.0			2.83	18.3		7.4	7.8	90.1		6.18	470.7		26.36	14.52	19.42
29.0	1033	1.0			1.63	10.0		7.7	7.8	91.4		0.27	22.7	2.2	26.24	14.96	19.24
29.0	1033	2.0			1.71	10.5		7.6	7.8	90.9		0.31	26.0		26.24	14.89	19.26
29.0	1033	3.0			1.61	9.8		7.5	7.8	90.4		0.30	25.2		26.31	14.69	19.35
29.0	1033	4.0			1.52	9.1		7.4	7.8	90.1		0.34	28.3		26.37	14.55	19.42
29.0	1033	5.0			1.51	9.1		7.5	7.8	90.1		0.37	30.5		26.39	14.52	19.44
29.0	1033	6.0			1.54	9.3		7.5	7.8	90.1		0.42	34.5		26.39	14.51	19.45
29.0	1033	7.0			1.65	10.1		7.5	7.8	90.1		0.47	37.9		26.40	14.49	19.45
29.0	1033	8.0			1.79	11.1		7.5	7.8	90.2		0.60	47.8		26.41	14.48	19.46
29.0	1033	9.0			1.89	11.8		7.5	7.8	90.1		0.76	60.0		26.42	14.48	19.47
29.0	1033	10.0			2.06	13.0		7.5	7.8	90.1		1.26	98.2		26.42	14.48	19.48
29.0	1033	11.0			2.26	14.4		7.5	7.8	90.1		2.16	166.6		26.43	14.47	19.48
29.0	1033	12.0			2.50	16.0		7.5	7.8	90.1		3.39	259.2		26.43	14.47	19.48
29.0	1033	13.0			2.69	17.3		7.5	7.8	90.2		4.29	327.5		26.43	14.47	19.48
29.0	1033	14.0			2.70	17.4		7.5	7.8	90.2		5.03	383.7		26.43	14.47	19.48
29.0	1033	15.0			2.67	17.2		7.5	7.8	90.2		5.75	438.5		26.43	14.47	19.48
28.0	1019	1.0			1.39	8.3		7.6	7.8	90.7		0.34	28.3	2.2	26.37	14.65	19.40
28.0	1019	2.0			1.40	8.3		7.6	7.8	90.6		0.34	28.0		26.38	14.59	19.42
28.0	1019	3.0			1.46	8.7		7.6	7.8	90.5		0.34	28.3		26.40	14.55	19.44
28.0	1019	4.0			1.50	9.0		7.6	7.8	90.4		0.36	29.6		26.41	14.53	19.45
28.0	1019	5.0			1.43	8.5		7.6	7.8	90.3		0.37	30.5		26.42	14.49	19.47
28.0	1019	6.0			1.37	8.1		7.6	7.8	90.3		0.39	32.2		26.43	14.46	19.48
28.0	1019	7.0			1.44	8.6		7.6	7.8	90.2		0.42	34.5		26.43	14.44	19.49
28.0	1019	8.0			1.46	8.7		7.6	7.8	90.2		0.47	38.4		26.43	14.43	19.50
28.0	1019	9.0			1.52	9.2		7.6	7.8	90.2		0.52	41.5		26.45	14.41	19.51
28.0	1019	10.0			1.59	9.6		7.6	7.8	90.2		0.57	45.5		26.46	14.39	19.52
28.0	1019	11.0			1.53	9.2		7.6	7.8	90.2		0.66	52.8		26.47	14.37	19.53
28.0	1019	12.0			1.60	9.7		7.6	7.8	90.2		0.85	66.5		26.47	14.35	19.54

South San Francisco Bay

March 29, 1994

94088

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	1019	13.0			1.77	10.9		7.6	7.8	90.2		1.36	105.2		26.47	14.34	19.54
28.0	1019	14.0			2.03	12.7		7.7	7.8	90.2		2.19	168.7		26.47	14.34	19.54
28.0	1019	15.0			2.06	12.9		7.6	7.8	90.2		3.71	283.9		26.46	14.34	19.53
27.0	1003	1.0			1.16	6.7		7.8	7.8	91.0		0.28	23.6	2.1	26.45	14.61	19.47
27.0	1003	2.0	9.2	0.70	1.20	6.9	7.8	7.7	7.8	90.7	25.9	0.29	24.7		26.46	14.51	19.50
27.0	1003	3.0			1.19	6.9		7.7	7.8	90.6		0.31	26.3		26.48	14.45	19.52
27.0	1003	4.0			1.28	7.5		7.7	7.8	90.5		0.34	27.8		26.48	14.43	19.53
27.0	1003	5.0			1.32	7.8		7.7	7.8	90.5		0.35	28.9		26.49	14.40	19.54
27.0	1003	6.0			1.36	8.1		7.7	7.8	90.4		0.37	30.2		26.49	14.40	19.54
27.0	1003	7.0			1.50	9.0		7.7	7.8	90.4		0.39	31.8		26.49	14.39	19.54
27.0	1003	8.0			1.60	9.7		7.7	7.8	90.4		0.43	34.6		26.49	14.38	19.54
27.0	1003	9.0			1.65	10.1		7.7	7.8	90.4		0.57	45.5		26.48	14.38	19.54
27.0	1003	10.0			1.71	10.5		7.7	7.8	90.4		0.98	76.9		26.48	14.38	19.54
27.0	1003	11.0			1.80	11.2		7.7	7.8	90.4		1.49	115.4		26.48	14.38	19.54
27.0	1003	12.0	11.4	0.34	1.81	11.2		7.7	7.8	90.4		1.71	131.7		26.48	14.38	19.54
26.0	0949	1.0			1.37	8.1		7.9	7.9	90.8		0.21	18.1	1.9	26.57	14.35	19.61
26.0	0949	2.0			1.36	8.1		7.9	7.9	90.7		0.23	19.9		26.58	14.30	19.63
26.0	0949	3.0			1.24	7.2		7.9	7.9	90.6		0.26	21.9		26.58	14.25	19.64
26.0	0949	4.0			1.22	7.1		7.9	7.9	90.5		0.35	29.1		26.58	14.24	19.64
26.0	0949	5.0			1.34	7.9		7.9	7.9	90.5		0.55	43.8		26.57	14.24	19.64
26.0	0949	6.0			1.42	8.5		7.9	7.9	90.5		0.82	65.0		26.57	14.25	19.64
26.0	0949	7.0			1.37	8.1		7.9	7.9	90.5		0.98	77.0		26.57	14.25	19.64
26.0	0949	8.0			1.31	7.7		7.9	7.9	90.6		1.12	87.6		26.57	14.25	19.64
26.0	0949	9.0			1.35	8.0		7.9	7.9	90.5		1.22	94.8		26.57	14.25	19.63
26.0	0949	10.0			1.36	8.0		7.8	7.9	90.5		1.57	121.4		26.57	14.25	19.63
25.0	0934	1.0			1.05	5.9		8.1	7.9	91.0		0.53	42.9	3.1	26.73	14.23	19.76
25.0	0934	2.0			1.07	6.1		8.1	7.9	91.0		0.56	44.7		26.73	14.21	19.77
25.0	0934	3.0			1.05	5.9		8.1	7.9	91.0		0.56	44.7		26.73	14.21	19.77
25.0	0934	4.0			1.08	6.1		8.1	7.9	91.0		0.57	45.6		26.73	14.21	19.77
25.0	0934	5.0			1.12	6.4		8.1	7.9	91.0		0.59	47.1		26.73	14.21	19.77

South San Francisco Bay

March 29, 1994

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STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	OXYG	CALC	% OXY	DISCR	OBS	SPM	CALC	EXCOF	SALIN	TEMP	SIGT
25.0	0934	6.0			1.08	6.1		8.1	7.9	91.0		0.61	48.7			26.73	14.21	19.77
25.0	0934	7.0			1.10	6.2		8.1	7.9	91.0		0.63	50.3			26.73	14.21	19.77
25.0	0934	8.0			1.13	6.4		8.1	7.9	91.0		0.65	52.0			26.73	14.21	19.77
24.0	0919	1.0			0.81	4.2		8.0	7.9	90.9		0.15	13.9		1.9	26.94	14.20	19.93
24.0	0919	2.0	5.8	0.71	0.86	4.5	7.9	8.0	7.9	90.7	21.0	0.19	16.5			26.94	14.07	19.95
24.0	0919	3.0			0.95	5.2		8.0	7.9	90.6		0.29	24.8			26.94	14.07	19.95
24.0	0919	4.0			0.95	5.2		8.0	7.9	90.6		0.38	30.9			26.94	14.07	19.95
24.0	0919	5.0			0.90	4.9		8.0	7.9	90.6		0.44	35.9			26.94	14.06	19.95
24.0	0919	6.0			0.95	5.2		8.0	7.9	90.6		0.55	44.2			26.93	14.06	19.95
24.0	0919	7.0			0.95	5.2		8.0	7.9	90.6		0.62	49.3			26.93	14.06	19.95
24.0	0919	8.0			0.96	5.3		8.0	7.9	90.6		0.63	50.3			26.93	14.06	19.95
24.0	0919	9.0			1.30	7.7		8.0	7.9	90.6		0.67	53.5			26.93	14.06	19.95
24.0	0919	10.0	6.5	0.46	1.39	8.2		8.0	7.9	90.6		0.88	69.4			26.93	14.07	19.95
23.0	0904	1.0			1.28	7.5		8.0	7.9	90.7		0.31	25.7		2.2	26.76	14.07	19.82
23.0	0904	2.0			1.24	7.2		8.0	7.9	90.6		0.34	28.0			26.79	14.07	19.84
23.0	0904	3.0			1.18	6.8		8.0	7.9	90.6		0.36	30.0			26.82	14.07	19.86
23.0	0904	4.0			1.17	6.7		8.0	7.9	90.6		0.43	34.9			26.83	14.07	19.87
23.0	0904	5.0			1.18	6.8		8.0	7.9	90.6		0.46	37.3			26.84	14.07	19.88
23.0	0904	6.0			1.18	6.8		8.0	7.9	90.6		0.52	41.5			26.85	14.07	19.89
23.0	0904	7.0			1.17	6.7		8.0	7.9	90.6		0.56	44.5			26.89	14.06	19.92
23.0	0904	8.0			1.12	6.4		8.0	7.9	90.6		0.57	46.0			26.92	14.06	19.94
23.0	0904	9.0			1.12	6.3		8.0	7.9	90.6		0.63	50.0			26.92	14.06	19.94
23.0	0904	10.0			1.09	6.2		8.0	7.9	90.6		0.66	52.2			26.95	14.05	19.97
23.0	0904	11.0			1.05	5.9		8.0	7.9	90.6		0.69	54.7			26.98	14.03	20.00
23.0	0904	12.0			1.08	6.1		8.0	7.9	90.6		0.76	60.1			27.00	14.03	20.01
23.0	0904	13.0			1.16	6.6		8.0	7.9	90.6		0.93	72.8			27.02	14.03	20.02
23.0	0904	14.0			1.16	6.6		8.0	7.9	90.6		1.08	84.2			27.02	14.03	20.02
22.0	0845	1.0			0.99	5.5		7.9	7.9	90.7		0.26	22.5		2.0	27.11	14.11	20.08
22.0	0845	2.0			0.97	5.3		7.9	7.9	90.6		0.27	23.0			27.12	14.09	20.09
22.0	0845	3.0			0.94	5.1		7.9	7.9	90.6		0.28	23.8			27.16	14.07	20.13

South San Francisco Bay

March 29, 1994

94088

STN	TIME	DEPTH	DISCR	CHL a	FLUOR	CALC	DISCR	OXYG	CALC	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
			CHL a	DISCR	CHL a	FLUOR	CHL a	OXYG	CALC		SPM						
22.0	0845	4.0			0.92	4.9		7.9	7.9	90.6		0.30	25.4		27.16	14.07	20.12
22.0	0845	5.0			0.91	4.9		7.9	7.9	90.6		0.31	26.1		27.16	14.07	20.12
22.0	0845	6.0			0.93	5.0		7.9	7.9	90.5		0.32	26.5		27.21	14.03	20.17
22.0	0845	7.0			0.85	4.5		7.9	7.9	90.5		0.32	26.9		27.31	13.99	20.26
22.0	0845	8.0			0.80	4.2		7.9	7.9	90.5		0.33	27.4		27.40	13.97	20.33
22.0	0845	9.0			0.76	3.9		7.9	7.9	90.6		0.34	27.8		27.46	13.96	20.38
22.0	0845	10.0			0.69	3.4		7.9	7.9	90.6		0.34	28.6		27.52	13.96	20.42
22.0	0845	11.0			0.68	3.3		7.9	7.9	90.7		0.35	28.9		27.56	13.96	20.45
22.0	0845	12.0			0.71	3.5		7.9	7.9	90.7		0.36	29.6		27.57	13.96	20.46
22.0	0845	13.0			0.73	3.7		8.0	7.9	90.7		0.37	30.2		27.58	13.96	20.47
22.0	0845	14.0			0.73	3.6		8.0	7.9	90.8		0.37	30.5		27.62	13.96	20.50
22.0	0845	15.0			0.76	3.8		8.0	7.9	90.8		0.42	34.0		27.63	13.96	20.51
22.0	0845	16.0			0.78	4.0		8.0	7.9	90.8		0.68	53.6		27.63	13.96	20.51
22.0	0845	17.0			0.81	4.2		8.0	7.9	90.8		0.77	60.8		27.63	13.96	20.50
22.0	0845	18.0			0.83	4.3		8.0	7.9	90.8		0.86	67.7		27.62	13.96	20.50
21.0	0816	1.0			0.92	5.0		8.0	7.9	91.0		0.17	15.2	1.6	27.15	14.15	20.10
21.0	0816	2.0	4.6	0.72	0.91	4.9		8.0	7.9	90.9	15.7	0.17	14.9		27.21	14.09	20.16
21.0	0816	3.0			0.83	4.4		8.0	7.9	90.7		0.19	17.0		27.25	14.06	20.19
21.0	0816	4.0			0.79	4.1		8.0	7.9	90.7		0.24	20.5		27.27	14.05	20.21
21.0	0816	5.0			0.84	4.4		7.9	7.9	90.7		0.30	25.1		27.29	14.04	20.23
21.0	0816	6.0			0.85	4.5		7.9	7.9	90.7		0.36	29.7		27.32	14.03	20.25
21.0	0816	7.0			0.84	4.4		7.9	7.9	90.6		0.41	33.1		27.33	14.03	20.26
21.0	0816	8.0			0.82	4.3		7.9	7.9	90.6		0.46	37.4		27.36	14.02	20.28
21.0	0816	9.0			0.80	4.1		7.9	7.9	90.6		0.49	39.2		27.39	14.01	20.31
21.0	0816	10.0			0.82	4.3		7.9	7.9	90.6		0.53	42.4		27.39	14.01	20.32
21.0	0816	11.0			0.87	4.6		7.9	7.9	90.6		0.58	46.8		27.41	14.00	20.33
21.0	0816	12.0			0.87	4.6		7.9	7.9	90.6		0.64	50.9		27.42	14.00	20.34
21.0	0816	13.0			0.87	4.6		7.9	7.9	90.6		0.74	58.1		27.44	13.99	20.35
21.0	0816	14.0			0.87	4.6		7.9	7.9	90.6		0.85	66.7		27.44	13.99	20.36
21.0	0816	15.0	2.3	0.34	0.86	4.5		7.9	7.9	90.6		0.92	72.1		27.45	13.98	20.36

South San Francisco Bay	March 29, 1994	Year Day:94088			
	n	r^2	Slope	Inter.	Std. Err.
Fluorometer Calibration:	12	0.974	6.985	-1.447	1.486
OBS Calibration:	6	0.999	75.816	2.417	3.510
Dissolved Oxygen Calibration:	5	0.413	0.168	6.534	0.051

SeaBird v4.026

South San Francisco Bay

April 5, 1994

94095

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CALC	% OKY	DISCR	CALC	SPM	OBS	EXCOF	SALIN	TEMP	SIGT
			CHL a			CHL a	OKYG	OKYG	SAT	SPM							
36.0	0815	1.0			1.38	7.8	6.7	7.0	81.8			48.4	0.71	3.9	24.91	15.79	18.04
36.0	0815	2.0	7.7	0.60	1.36	7.7	6.7	6.9	81.7	51.0		49.6	0.73		24.94	15.82	18.06
36.0	0815	3.0			1.43	8.1	6.7	6.9	81.7			54.2	0.80		24.98	15.84	18.09
36.0	0815	4.0			1.35	7.6	6.7	6.9	82.0			58.9	0.87		25.03	15.86	18.13
36.0	0815	5.0			1.27	7.2	6.7	7.0	82.2			62.6	0.92		25.08	15.89	18.16
36.0	0815	6.0			1.36	7.7	6.7	7.0	82.2			67.7	1.00		25.12	15.90	18.19
36.0	0815	7.0			1.36	7.7	6.7	7.0	82.3			70.1	1.04		25.13	15.91	18.19
36.0	0815	8.0			1.37	7.8	6.7	6.9	82.1			70.8	1.05		25.13	15.91	18.19
36.0	0815	9.0	7.3	0.53	1.41	8.0	6.7	6.9	82.1			72.9	1.08		25.13	15.91	18.19
35.0	0832	1.0			1.20	6.8	6.8	7.1	83.9			51.9	0.76	4.5	25.51	15.95	18.48
35.0	0832	2.0			1.24	7.0	6.8	7.1	83.7			52.2	0.76		25.51	15.95	18.48
35.0	0832	3.0			1.31	7.4	6.8	7.1	83.7			58.2	0.86		25.51	15.95	18.48
35.0	0832	4.0			1.24	7.0	6.8	7.1	83.7			62.0	0.92		25.51	15.95	18.48
35.0	0832	5.0			1.21	6.9	6.8	7.1	83.8			63.4	0.94		25.51	15.95	18.48
35.0	0832	6.0			1.18	6.7	6.8	7.1	83.7			63.7	0.94		25.51	15.95	18.48
35.0	0832	7.0			1.18	6.7	6.8	7.1	83.7			64.9	0.96		25.51	15.95	18.47
35.0	0832	8.0			1.22	6.9	6.8	7.1	83.8			66.8	0.99		25.51	15.95	18.47
35.0	0832	9.0			1.30	7.3	6.8	7.1	83.7			69.5	1.03		25.51	15.95	18.47
35.0	0832	10.0			1.30	7.3	6.8	7.1	83.7			72.9	1.08		25.51	15.95	18.47
34.0	0842	1.0			1.25	7.1	6.9	7.2	85.1			36.9	0.53	3.4	25.69	15.96	18.61
34.0	0842	2.0			1.18	6.7	6.9	7.1	84.8			47.5	0.69		25.69	15.96	18.61
34.0	0842	3.0			1.16	6.6	6.9	7.1	84.6			55.8	0.82		25.69	15.95	18.61
34.0	0842	4.0			1.16	6.6	6.9	7.1	84.3			66.3	0.98		25.69	15.95	18.61
34.0	0842	5.0			1.16	6.6	6.9	7.1	84.2			76.6	1.14		25.69	15.95	18.61
34.0	0842	6.0			1.14	6.5	6.8	7.1	84.0			84.7	1.26		25.69	15.95	18.61
34.0	0842	7.0			1.11	6.3	6.8	7.0	83.6			102.8	1.54		25.68	15.95	18.61
34.0	0842	8.0			1.09	6.2	6.8	7.1	83.8			117.8	1.77		25.68	15.95	18.61
33.0	0855	1.0			1.07	6.1	7.1	7.3	86.5			22.3	0.31	2.2	25.96	15.76	18.86
33.0	0855	2.0			1.05	6.0	7.1	7.3	86.4			22.1	0.31		25.96	15.75	18.86
33.0	0855	3.0			1.00	5.7	7.1	7.3	86.1			23.5	0.33		25.97	15.75	18.87

STN	TIME	DEPTH	DISCR		CHL a/	FLUOR	CALC		DISCR		CHL a	OXYG	OXYG	CALC	% OXY	DISCR		OBS	SPM	EXCOF	SALIN	TEMP	SIGT
			CHL a	CHL a			CHL a	OXYG	SAT	SPM													
33.0	0855	4.0			0.97	5.5		7.0	7.3	85.9	0.34	24.2	25.99	15.73	18.89								
33.0	0855	5.0			1.04	5.9		7.0	7.2	85.5	0.37	26.0	26.01	15.70	18.91								
33.0	0855	6.0			1.07	6.1		7.0	7.2	85.3	0.54	37.2	26.03	15.67	18.94								
33.0	0855	7.0			1.07	6.1		7.0	7.2	85.3	0.69	47.1	26.03	15.66	18.94								
33.0	0855	8.0			1.09	6.2		7.0	7.2	85.3	0.70	48.1	26.03	15.67	18.93								
33.0	0855	9.0			1.20	6.8		7.0	7.2	85.4	0.76	52.2	26.03	15.68	18.93								
33.0	0855	10.0			1.28	7.2		7.0	7.2	85.2	1.00	67.6	26.02	15.68	18.93								
33.0	0855	11.0			1.21	6.9		7.0	7.2	85.3	1.12	75.2	26.02	15.69	18.92								
33.0	0855	12.0			1.18	6.7		7.0	7.2	85.3	1.17	78.6	26.02	15.69	18.92								
33.0	0855	13.0			1.19	6.8		7.0	7.2	85.2	1.28	86.0	26.02	15.69	18.92								
33.0	0855	14.0			1.20	6.8		7.0	7.2	85.1	1.47	98.3	26.02	15.69	18.92								
32.0	0907	1.0			1.07	6.1		7.1	7.3	86.9	0.34	24.2	2.3	26.04	15.70	18.94							
32.0	0907	2.0	7.4	0.73	1.10	6.2		7.1	7.3	86.7	0.34	24.6	26.04	15.68	18.94								
32.0	0907	3.0			1.06	6.0		7.1	7.3	86.6	0.35	25.0	26.05	15.68	18.94								
32.0	0907	4.0			1.04	5.9		7.1	7.3	86.3	0.36	25.8	26.07	15.65	18.97								
32.0	0907	5.0			1.01	5.7		7.0	7.3	85.9	0.39	27.5	26.08	15.62	18.98								
32.0	0907	6.0			0.98	5.6		7.0	7.3	85.6	0.41	28.7	26.12	15.58	19.02								
32.0	0907	7.0			0.98	5.6		7.0	7.3	85.7	0.46	32.1	26.13	15.55	19.03								
32.0	0907	8.0			0.98	5.6		7.0	7.3	85.7	0.58	39.8	26.14	15.54	19.04								
32.0	0907	9.0			0.99	5.7		7.0	7.3	85.7	0.64	44.3	26.14	15.54	19.04								
32.0	0907	10.0			1.04	5.9		7.0	7.3	85.8	0.69	47.1	26.14	15.54	19.04								
32.0	0907	11.0			1.07	6.1		7.0	7.3	85.6	0.78	53.4	26.14	15.54	19.04								
32.0	0907	12.0			1.10	6.2		7.0	7.3	85.8	0.85	58.0	26.14	15.54	19.04								
32.0	0907	13.0	6.2	0.55	1.11	6.3		7.1	7.3	85.8	0.90	61.3	26.14	15.54	19.04								
31.0	0921	1.0			1.00	5.7		7.2	7.4	87.6	0.26	19.4	2.0	26.13	15.57	19.03							
31.0	0921	2.0			1.04	5.9		7.2	7.4	87.3	0.25	18.8	26.14	15.56	19.04								
31.0	0921	3.0			1.04	5.9		7.2	7.4	86.9	0.26	19.4	26.16	15.54	19.06								
31.0	0921	4.0			0.99	5.6		7.1	7.4	86.8	0.30	21.6	26.18	15.52	19.08								
31.0	0921	5.0			0.99	5.7		7.1	7.3	86.5	0.37	26.5	26.20	15.50	19.10								
31.0	0921	6.0			1.00	5.7		7.1	7.4	86.7	0.42	29.4	26.22	15.47	19.12								
31.0	0921	7.0			0.99	5.6		7.1	7.4	86.7	0.48	33.5	26.22	15.47	19.12								

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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	OXYG	OXYG	SAT		SPM							
31.0	0921	8.0			0.99	5.6	5.6	7.1	7.3	86.6	0.50	34.5	26.22	15.46	19.12						
31.0	0921	9.0			0.97	5.6	5.6	7.1	7.4	86.7	0.51	35.4	26.22	15.45	19.12						
31.0	0921	10.0			0.99	5.6	5.6	7.1	7.4	86.6	0.51	35.7	26.22	15.44	19.13						
31.0	0921	11.0			1.01	5.8	5.8	7.1	7.4	86.6	0.54	37.1	26.22	15.44	19.13						
31.0	0921	12.0			1.03	5.9	5.9	7.1	7.3	86.5	0.57	39.2	26.22	15.43	19.13						
31.0	0921	13.0			1.03	5.9	5.9	7.1	7.4	86.6	0.58	40.1	26.22	15.43	19.13						
31.0	0921	14.0			1.02	5.8	5.8	7.1	7.3	86.4	0.59	40.7	26.22	15.43	19.13						
30.0	0941	1.0			0.91	5.2	5.2	7.3	7.5	88.8	0.27	19.9	2.0	26.43	15.42	19.29					
30.0	0941	2.0	5.0	0.73	0.94	5.3	5.3	7.3	7.5	88.7	0.29	21.2	26.43	15.40	19.30						
30.0	0941	3.0			0.93	5.3	5.3	7.3	7.5	88.7	0.30	21.7	26.43	15.40	19.30						
30.0	0941	4.0			0.95	5.4	5.4	7.3	7.5	88.5	0.32	22.9	26.44	15.41	19.30						
30.0	0941	5.0			0.96	5.5	5.5	7.3	7.5	88.4	0.36	25.7	26.44	15.43	19.30						
30.0	0941	6.0			0.98	5.6	5.6	7.3	7.5	88.4	0.42	29.4	26.45	15.43	19.30						
30.0	0941	7.0			1.00	5.7	5.7	7.3	7.5	88.4	0.47	32.9	26.45	15.43	19.30						
30.0	0941	8.0			1.02	5.8	5.8	7.3	7.5	88.3	0.50	34.8	26.45	15.43	19.30						
30.0	0941	9.0			1.03	5.9	5.9	7.3	7.5	88.3	0.51	35.5	26.45	15.43	19.30						
30.0	0941	10.0			1.01	5.8	5.8	7.3	7.5	88.1	0.53	36.5	26.44	15.41	19.30						
30.0	0941	11.0			1.01	5.7	5.7	7.3	7.5	88.2	0.55	38.4	26.44	15.38	19.31						
30.0	0941	12.0			0.98	5.6	5.6	7.3	7.5	88.3	0.55	38.4	26.44	15.38	19.31						
30.0	0941	13.0	5.8	0.55	0.97	5.5	5.5	7.2	7.4	87.4	0.59	40.5	26.44	15.38	19.31						
29.5	1005	1.0			0.87	5.0	5.0	7.5	7.6	90.0	0.15	11.7	1.6	26.48	15.42	19.33					
29.5	1005	2.0			0.89	5.1	5.1	7.4	7.6	89.4	0.16	12.8	26.48	15.35	19.34						
29.5	1005	3.0			0.85	4.9	4.9	7.4	7.6	89.4	0.18	13.7	26.50	15.33	19.36						
29.5	1005	4.0			0.86	4.9	4.9	7.4	7.6	89.4	0.20	15.1	26.52	15.32	19.38						
29.5	1005	5.0			0.87	5.0	5.0	7.4	7.6	89.6	0.21	15.9	26.54	15.31	19.40						
29.5	1005	6.0			0.87	5.0	5.0	7.4	7.6	89.7	0.21	15.6	26.57	15.30	19.42						
29.5	1005	7.0			0.88	5.0	5.0	7.5	7.6	89.8	0.21	15.9	26.58	15.30	19.43						
29.5	1005	8.0			0.87	5.0	5.0	7.5	7.7	90.1	0.22	16.6	26.59	15.30	19.44						
29.5	1005	9.0			0.87	5.0	5.0	7.5	7.7	90.4	0.23	16.9	26.62	15.31	19.46						
29.5	1005	10.0			0.90	5.2	5.2	7.5	7.7	90.7	0.24	17.6	26.64	15.33	19.47						
29.5	1005	11.0			0.94	5.4	5.4	7.5	7.7	90.9	0.26	19.2	26.66	15.35	19.48						

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CALC	OXYG	CALC	% OXY	DISCR	OBS	CALC	EXCOF	SALIN	TEMP	SIGT
			CHL a			CHL a	OXYG	OXYG	OXYG		SAT	SPM		SPM				
29.5	1005	12.0			0.96	5.5		7.5	7.7		90.8		0.31	22.1		26.67	15.38	19.49
29.5	1005	13.0			1.02	5.8		7.5	7.7		90.8		0.31	22.3		26.68	15.38	19.49
29.5	1005	14.0			1.09	6.2		7.5	7.7		90.9		0.33	24.0		26.68	15.39	19.49
29.5	1005	15.0			1.09	6.2		7.6	7.7		91.1		0.34	24.5		26.69	15.40	19.49
29.5	1005	16.0			1.11	6.3		7.5	7.7		90.9		0.35	25.2		26.69	15.40	19.49
29.5	1005	17.0			1.12	6.4		7.5	7.7		90.9		0.38	27.1		26.69	15.40	19.49
29.0	1018	1.0			0.94	5.4		7.8	7.9		93.4		0.11	9.5	1.4	26.68	15.41	19.49
29.0	1018	2.0			0.90	5.2		7.7	7.8		92.5		0.11	9.3		26.71	15.31	19.52
29.0	1018	3.0			0.87	5.0		7.7	7.8		92.1		0.12	9.8		26.72	15.27	19.54
29.0	1018	4.0			0.87	5.0		7.7	7.8		92.2		0.14	11.1		26.74	15.28	19.56
29.0	1018	5.0			0.86	4.9		7.7	7.8		92.2		0.16	12.5		26.77	15.30	19.58
29.0	1018	6.0			0.84	4.8		7.7	7.8		92.5		0.17	13.5		26.79	15.31	19.59
29.0	1018	7.0			0.89	5.1		7.7	7.9		92.7		0.18	14.0		26.82	15.32	19.61
29.0	1018	8.0			0.92	5.2		7.7	7.9		92.8		0.19	14.9		26.83	15.32	19.61
29.0	1018	9.0			0.91	5.2		7.7	7.9		93.0		0.21	15.9		26.83	15.33	19.62
29.0	1018	10.0			0.96	5.5		7.7	7.9		92.9		0.23	17.2		26.84	15.33	19.62
29.0	1018	11.0			1.01	5.8		7.7	7.9		93.0		0.24	18.0		26.84	15.33	19.62
29.0	1018	12.0			1.02	5.8		7.7	7.9		93.0		0.26	18.9		26.84	15.33	19.63
29.0	1018	13.0			1.01	5.8		7.7	7.9		93.0		0.26	19.3		26.85	15.33	19.63
29.0	1018	14.0			1.01	5.8		7.7	7.9		93.0		0.27	19.9		26.86	15.32	19.64
29.0	1018	15.0			1.05	6.0		7.7	7.9		93.0		0.29	21.2		26.88	15.30	19.66
29.0	1018	16.0			1.03	5.9		7.8	7.9		93.1		0.29	21.4		26.89	15.30	19.67
28.0	1035	1.0			0.93	5.3		7.7	7.9		93.2		0.09	8.1	1.2	26.80	15.47	19.57
28.0	1035	2.0			0.98	5.6		7.7	7.9		92.9		0.11	9.5		26.81	15.31	19.61
28.0	1035	3.0			1.00	5.7		7.7	7.9		92.5		0.14	11.3		26.82	15.28	19.62
28.0	1035	4.0			0.99	5.6		7.7	7.8		92.3		0.17	13.5		26.83	15.29	19.62
28.0	1035	5.0			0.93	5.3		7.7	7.8		92.5		0.20	15.0		26.85	15.27	19.65
28.0	1035	6.0			0.88	5.0		7.7	7.9		92.7		0.21	16.1		26.88	15.26	19.67
28.0	1035	7.0			0.89	5.1		7.7	7.9		92.8		0.22	16.8		26.91	15.24	19.70
28.0	1035	8.0			0.88	5.1		7.7	7.9		92.9		0.22	16.3		26.94	15.22	19.73
28.0	1035	9.0			0.86	4.9		7.8	7.9		93.0		0.22	16.5		26.98	15.19	19.76

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STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	OXYG	OXYG	CALC	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
			CHL a			CHL a	OXYG	OXYG				SPM						
28.0	1035	10.0			0.89	5.1	7.8	7.9	93.3	0.21	15.8		0.21	15.8		27.03	15.14	19.81
28.0	1035	11.0			0.89	5.1	7.8	8.0	93.6	0.20	15.1		0.20	15.1		27.05	15.12	19.83
28.0	1035	12.0			0.87	5.0	7.9	8.0	93.8	0.18	13.8		0.18	13.8		27.08	15.10	19.85
28.0	1035	13.0			0.85	4.9	7.9	8.0	94.1	0.18	14.0		0.18	14.0		27.11	15.07	19.89
28.0	1035	14.0			0.85	4.9	7.9	8.0	94.4	0.19	14.5		0.19	14.5		27.12	15.06	19.89
28.0	1035	15.0			0.91	5.2	7.9	8.1	94.6	0.20	15.1		0.20	15.1		27.12	15.06	19.90
28.0	1035	16.0			0.92	5.3	7.9	8.1	94.7	0.21	15.7		0.21	15.7		27.12	15.06	19.90
27.0	1051	1.0			0.74	4.3	8.0	8.1	95.8	0.09	8.1	1.3	0.09	8.1		27.13	15.13	19.89
27.0	1051	2.0	4.5	0.82	0.78	4.5	8.0	8.1	95.0	0.10	8.5		0.10	8.5		27.14	15.03	19.92
27.0	1051	3.0			0.76	4.4	7.9	8.1	94.7	0.11	9.4		0.11	9.4		27.18	14.97	19.96
27.0	1051	4.0			0.71	4.1	7.9	8.1	94.5	0.13	10.3		0.13	10.3		27.19	14.95	19.97
27.0	1051	5.0			0.67	3.9	7.9	8.1	94.6	0.14	11.0		0.14	11.0		27.20	14.92	19.99
27.0	1051	6.0			0.66	3.8	8.0	8.1	94.6	0.14	11.5		0.14	11.5		27.21	14.90	19.99
27.0	1051	7.0			0.63	3.7	7.9	8.1	94.5	0.15	11.8		0.15	11.8		27.23	14.89	20.01
27.0	1051	8.0			0.63	3.7	8.0	8.1	94.6	0.15	12.1		0.15	12.1		27.25	14.87	20.03
27.0	1051	9.0			0.63	3.6	7.9	8.0	94.1	0.15	12.1		0.15	12.1		27.29	14.84	20.07
27.0	1051	10.0			0.62	3.6	7.9	8.0	94.1	0.15	12.1		0.15	12.1		27.36	14.79	20.14
27.0	1051	11.0			0.61	3.6	7.9	8.1	94.2	0.15	12.0		0.15	12.0		27.42	14.75	20.19
27.0	1051	12.0			0.61	3.6	7.9	8.0	94.1	0.16	12.5		0.16	12.5		27.42	14.74	20.19
27.0	1051	13.0	3.3	0.64	0.61	3.6	7.9	8.1	94.2	0.16	12.8		0.16	12.8		27.43	14.74	20.20
26.0	1107	1.0			0.71	4.1	8.0	8.1	94.5	0.06	5.9	1.0	0.06	5.9		27.53	14.73	20.28
26.0	1107	2.0			0.68	3.9	8.0	8.1	94.2	0.07	6.4		0.07	6.4		27.55	14.60	20.32
26.0	1107	3.0			0.64	3.7	7.9	8.1	94.0	0.07	6.8		0.07	6.8		27.57	14.61	20.33
26.0	1107	4.0			0.58	3.4	7.9	8.0	93.8	0.08	7.6		0.08	7.6		27.59	14.60	20.35
26.0	1107	5.0			0.54	3.2	7.9	8.0	93.8	0.09	8.1		0.09	8.1		27.64	14.56	20.40
26.0	1107	6.0			0.52	3.1	7.9	8.1	94.0	0.10	8.4		0.10	8.4		27.69	14.55	20.44
26.0	1107	7.0			0.54	3.2	8.0	8.1	94.3	0.10	8.7		0.10	8.7		27.75	14.54	20.49
26.0	1107	8.0			0.54	3.2	8.0	8.1	94.3	0.10	8.7		0.10	8.7		27.78	14.54	20.51
26.0	1107	9.0			0.50	3.0	8.0	8.1	94.6	0.10	8.8		0.10	8.8		27.82	14.53	20.54
26.0	1107	10.0			0.50	2.9	8.0	8.1	94.3	0.10	9.0		0.10	9.0		27.84	14.52	20.56
26.0	1107	11.0			0.50	3.0	8.0	8.1	94.4	0.12	10.0		0.12	10.0		27.84	14.52	20.56

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
25.0	1123	1.0			0.52	3.1		8.0	8.1	95.0	0.04	4.5	1.0	27.41	14.82	20.17
25.0	1123	2.0			0.53	3.1		8.0	8.1	95.4	0.06	5.8		27.41	14.87	20.16
25.0	1123	3.0			0.54	3.2		7.8	8.0	93.4	0.05	5.6		27.40	14.94	20.13
25.0	1123	4.0			0.63	3.7		7.8	7.9	92.6	0.05	5.4		27.42	14.69	20.20
25.0	1123	5.0			0.68	4.0		7.8	7.9	92.0	0.07	6.9		27.49	14.49	20.29
25.0	1123	6.0			0.59	3.4		7.7	7.9	91.7	0.09	8.2		27.65	14.44	20.43
25.0	1123	7.0			0.52	3.1		7.8	7.9	92.1	0.12	10.2		27.78	14.42	20.54
25.0	1123	8.0			0.52	3.1		7.7	7.9	91.9	0.16	12.8		27.82	14.41	20.57
25.0	1123	9.0			0.53	3.1		7.8	7.9	92.1	0.22	16.2		27.85	14.41	20.59
24.0	1139	1.0			0.40	2.4		8.0	8.1	95.3	0.04	4.4	0.7	27.78	14.77	20.46
24.0	1139	2.0	2.6	0.77	0.39	2.3	8.2	8.0	8.2	95.8	0.04	4.5		27.75	14.84	20.42
24.0	1139	3.0			0.40	2.4		8.0	8.1	95.8	0.03	4.0		27.74	14.94	20.40
24.0	1139	4.0			0.40	2.4		7.7	7.9	92.8	0.03	4.1		27.70	14.99	20.36
24.0	1139	5.0			0.43	2.5		7.8	7.9	92.4	0.03	4.0		27.91	14.53	20.61
24.0	1139	6.0			0.47	2.8		7.8	7.9	92.1	0.03	4.3		28.09	14.35	20.78
24.0	1139	7.0			0.47	2.8		7.8	7.9	92.1	0.05	5.1		28.10	14.34	20.79
24.0	1139	8.0			0.49	2.9		7.8	7.9	92.3	0.07	6.6		28.11	14.34	20.80
24.0	1139	9.0			0.48	2.8		7.8	7.9	92.3	0.10	8.8		28.11	14.33	20.81
24.0	1139	10.0			0.47	2.8		7.8	7.9	92.4	0.13	10.4		28.12	14.33	20.82
24.0	1139	11.0	2.7	0.68	0.49	2.9		7.8	7.9	92.4	0.16	12.3		28.13	14.32	20.82
23.0	1152	1.0			0.30	1.8		8.0	8.1	96.7	0.00	2.1	0.8	27.86	15.42	20.39
23.0	1152	2.0			0.30	1.9		7.4	7.6	90.7	-0.00	1.8		27.93	15.42	20.44
23.0	1152	3.0			0.38	2.3		7.7	7.8	91.7	-0.01	1.6		28.07	14.50	20.74
23.0	1152	4.0			0.42	2.5		7.7	7.9	91.8	-0.00	1.9		28.15	14.34	20.83
23.0	1152	5.0			0.43	2.6		7.7	7.9	91.7	0.01	3.1		28.18	14.31	20.86
23.0	1152	6.0			0.45	2.7		7.7	7.9	91.7	0.04	4.9		28.20	14.28	20.88
23.0	1152	7.0			0.45	2.7		7.7	7.9	91.7	0.07	7.0		28.23	14.25	20.91
23.0	1152	8.0			0.43	2.6		7.8	7.9	91.8	0.12	10.0		28.25	14.22	20.94
23.0	1152	9.0			0.42	2.5		7.8	7.9	92.0	0.17	12.9		28.27	14.21	20.95
23.0	1152	10.0			0.41	2.5		7.8	7.9	92.0	0.18	14.0		28.27	14.21	20.95
23.0	1152	11.0			0.42	2.5		7.8	7.9	92.1	0.18	13.7		28.26	14.22	20.94

South San Francisco Bay

April 5, 1994

94095

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CHL a	OKYG	CALC	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
23.0	1152	12.0			0.44	2.6			7.8	7.9	92.1		0.19	14.7		28.28	14.20	20.96
23.0	1152	13.0			0.46	2.7			7.8	7.9	92.1		0.25	18.3		28.29	14.19	20.97
23.0	1152	14.0			0.46	2.7			7.8	7.9	92.3		0.26	19.3		28.30	14.19	20.98
23.0	1152	15.0			0.49	2.9			7.8	7.9	92.1		0.31	22.2		28.30	14.18	20.98
23.0	1152	16.0			0.50	2.9			7.8	7.9	92.1		0.34	24.3		28.30	14.19	20.98
22.0	1211	1.0			0.41	2.4			7.9	8.1	94.6		0.00	2.3	0.7	28.19	14.68	20.79
22.0	1211	2.0			0.42	2.5			7.9	8.0	94.5		-0.00	2.0		28.20	14.67	20.80
22.0	1211	3.0			0.44	2.6			7.9	8.0	94.2		-0.00	2.0		28.21	14.62	20.82
22.0	1211	4.0			0.47	2.8			7.9	8.0	93.6		-0.00	2.0		28.23	14.57	20.85
22.0	1211	5.0			0.49	2.9			7.8	7.9	92.4		-0.00	2.0		28.29	14.47	20.91
22.0	1211	6.0			0.45	2.7			7.7	7.9	91.8		0.00	2.1		28.45	14.30	21.08
22.0	1211	7.0			0.41	2.5			7.7	7.8	91.4		0.00	2.2		28.67	14.18	21.26
22.0	1211	8.0			0.41	2.5			7.7	7.9	91.5		0.01	2.8		28.70	14.16	21.29
22.0	1211	9.0			0.42	2.5			7.7	7.9	91.5		0.02	3.2		28.71	14.15	21.31
22.0	1211	10.0			0.42	2.5			7.7	7.8	91.2		0.02	3.6		28.71	14.15	21.30
22.0	1211	11.0			0.41	2.5			7.7	7.8	91.2		0.03	4.1		28.82	14.09	21.40
22.0	1211	12.0			0.40	2.4			7.7	7.8	91.3		0.04	5.0		28.87	14.07	21.44
22.0	1211	13.0			0.39	2.3			7.7	7.9	91.4		0.07	6.8		28.89	14.07	21.45
22.0	1211	14.0			0.38	2.3			7.7	7.8	91.3		0.08	7.3		28.88	14.07	21.45
22.0	1211	15.0			0.39	2.4			7.7	7.8	91.3		0.08	7.5		28.89	14.06	21.46
22.0	1211	16.0			0.39	2.4			7.7	7.8	91.3		0.09	8.0		28.91	14.05	21.48
22.0	1211	17.0			0.39	2.3			7.7	7.9	91.4		0.10	8.9		28.92	14.05	21.49
22.0	1211	18.0			0.43	2.6			7.7	7.8	91.3		0.15	12.1		28.94	14.04	21.50
22.0	1211	19.0			0.45	2.7			7.7	7.8	91.3		0.20	15.1		28.96	14.03	21.52
21.0	1223	1.0			0.41	2.5			7.8	8.0	94.8		0.03	3.9	0.8	28.13	15.26	20.63
21.0	1223	2.0	2.5	0.76	0.42	2.5	8.0		7.8	8.0	94.6	4.7	0.02	3.6		28.12	15.25	20.62
21.0	1223	3.0			0.42	2.5			7.7	7.8	92.8		0.02	3.6		28.11	15.24	20.62
21.0	1223	4.0			0.45	2.7			7.7	7.9	93.0		0.02	3.5		28.09	15.05	20.64
21.0	1223	5.0			0.47	2.8			7.8	7.9	93.6		0.03	3.7		28.16	14.90	20.73
21.0	1223	6.0			0.45	2.7			7.6	7.8	91.9		0.03	3.7		28.28	14.94	20.82
21.0	1223	7.0			0.44	2.6			7.6	7.8	91.2		0.02	3.3		28.42	14.66	20.98

56076

Dissolved Oxygen Calibration:

A-104

South San Francisco Bay

April 12, 1994

94102

STN	TIME	DEPTH	DISCR	CHL a	CHL a/	FLUOR	CALC	DISCR	OXYG	CALC	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
			CHL a	CHL a/	FLUOR	CHL a	OXYG	OXYG	OXYG	OXYG	SAT	SPM						
36.0	1234	1.0			0.96	4.0	6.4	6.7	80.1				2.08	153.1	7.4	24.17	16.86	17.25
36.0	1234	2.0	3.2	0.30	0.96	4.0	6.4	6.7	80.0	6.6		160.8	2.19	161.0		24.23	16.81	17.31
36.0	1234	3.0			0.97	4.0	6.4	6.7	79.8				2.36	172.7		24.31	16.73	17.39
36.0	1234	4.0			0.97	4.0	6.4	6.7	80.0				2.55	186.4		24.35	16.68	17.43
36.0	1234	5.0			0.96	4.0	6.4	6.7	80.0				2.61	190.9		24.35	16.67	17.44
36.0	1234	6.0			0.96	4.0	6.4	6.7	80.0				2.70	197.4		24.37	16.65	17.45
36.0	1234	7.0			0.98	4.0	6.4	6.7	80.0				2.96	215.5		24.41	16.60	17.49
36.0	1234	8.0	3.0	0.21	0.99	4.0	6.4	6.7	80.1				3.18	231.1		24.42	16.59	17.50
35.0	1221	1.0			0.83	3.9	6.5	6.8	81.6				0.77	60.4	4.0	24.43	16.97	17.43
35.0	1221	2.0			0.83	3.9	6.5	6.8	81.7				0.90	69.9		24.56	16.71	17.58
35.0	1221	3.0			0.86	3.9	6.6	6.8	81.7				1.16	88.5		24.59	16.64	17.63
35.0	1221	4.0			0.88	3.9	6.6	6.8	81.6				1.49	111.8		24.61	16.61	17.65
35.0	1221	5.0			0.91	3.9	6.5	6.8	81.5				1.76	130.5		24.62	16.59	17.65
35.0	1221	6.0			0.92	3.9	6.6	6.8	81.6				1.96	144.7		24.63	16.56	17.67
35.0	1221	7.0			0.92	3.9	6.6	6.8	81.6				2.09	153.8		24.63	16.55	17.67
35.0	1221	8.0			0.93	3.9	6.6	6.8	81.7				2.18	160.1		24.63	16.54	17.68
35.0	1221	9.0			0.94	3.9	6.6	6.8	81.5				2.38	174.8		24.63	16.53	17.68
35.0	1221	10.0			0.95	4.0	6.6	6.8	81.7				2.51	183.8		24.64	16.53	17.68
35.0	1221	11.0			0.94	3.9	6.6	6.8	81.6				2.55	186.4		24.64	16.53	17.68
35.0	1221	12.0			0.93	3.9	6.6	6.8	81.5				2.77	202.0		24.64	16.54	17.68
34.0	1207	1.0			0.82	3.8	6.5	6.8	81.2				0.51	42.3	2.7	24.58	16.61	17.62
34.0	1207	2.0			0.82	3.8	6.6	6.8	81.5				0.58	47.4		24.89	16.37	17.91
34.0	1207	3.0			0.84	3.9	6.6	6.8	81.3				0.86	66.8		24.99	16.31	18.00
34.0	1207	4.0			0.89	3.9	6.6	6.9	81.7				1.10	83.6		25.16	16.22	18.15
34.0	1207	5.0			0.97	4.0	6.6	6.9	81.8				1.40	105.4		25.21	16.19	18.19
34.0	1207	6.0			1.04	4.0	6.6	6.9	81.8				1.92	141.8		25.24	16.18	18.22
34.0	1207	7.0			1.08	4.1	6.6	6.9	81.8				3.15	228.6		25.24	16.17	18.22
34.0	1207	8.0			1.08	4.1	6.6	6.9	82.2				3.35	243.0		25.24	16.17	18.22
34.0	1207	9.0			1.08	4.1	6.6	6.9	81.8				3.58	258.9		25.24	16.17	18.22

STN	TIME	DEPTH	DISCR		CHL a/ a+PHA	FLUOR	CALC		DISCR	CALC		% OXY	DISCR	CALC		EXCOF	SALIN	TEMP	SIGT
			CHL a	CHL a			CHL a	OKYG		OKYG	OKYG		SPM						
33.0	1154	1.0				0.72	3.8	6.7	6.9	83.6	0.33	29.6	2.0	25.32	16.95	18.11			
33.0	1154	2.0				0.74	3.8	6.8	7.0	83.6	0.28	26.3		25.40	16.23	18.33			
33.0	1154	3.0				0.70	3.7	6.8	7.0	83.5	0.26	24.6		25.42	16.17	18.36			
33.0	1154	4.0				0.68	3.7	6.8	7.0	83.5	0.28	26.3		25.43	16.16	18.37			
33.0	1154	5.0				0.71	3.8	6.8	7.1	84.0	0.32	28.6		25.49	16.08	18.43			
33.0	1154	6.0				0.75	3.8	6.9	7.1	84.6	0.36	31.8		25.65	15.98	18.57			
33.0	1154	7.0				0.79	3.8	6.9	7.1	84.6	0.41	35.0		25.74	15.94	18.65			
33.0	1154	8.0				0.92	3.9	6.9	7.2	84.9	0.58	47.3		25.75	15.94	18.66			
33.0	1154	9.0				1.04	4.0	6.9	7.1	84.8	1.01	77.9		25.74	15.95	18.65			
33.0	1154	10.0				1.09	4.1	6.9	7.1	84.8	2.19	160.8		25.74	15.96	18.65			
33.0	1154	11.0				1.09	4.1	6.9	7.2	85.0	2.87	208.8		25.74	15.96	18.65			
33.0	1154	12.0				1.11	4.1	6.9	7.2	85.1	3.18	231.0		25.74	15.96	18.65			
33.0	1154	13.0				1.14	4.1	6.9	7.2	85.0	3.56	257.9		25.73	15.97	18.64			
33.0	1154	14.0				1.14	4.1	6.9	7.2	85.1	3.84	277.5		25.72	15.98	18.63			
32.0	1142	1.0				0.69	3.7	6.9	7.2	86.8	0.24	23.0	1.9	25.32	17.15	18.07			
32.0	1142	2.0	4.0	0.77		0.73	3.8	7.2	7.0	84.1	19.5	22.5		25.40	16.75	18.22			
32.0	1142	3.0				0.74	3.8	6.8	7.1	84.0	0.25	23.7		25.50	16.22	18.41			
32.0	1142	4.0				0.71	3.8	6.8	7.1	84.3	0.30	27.2		25.60	16.08	18.51			
32.0	1142	5.0				0.71	3.8	6.9	7.1	84.6	0.31	28.2		25.64	16.04	18.56			
32.0	1142	6.0				0.75	3.8	6.9	7.2	85.0	0.34	30.5		25.69	15.98	18.60			
32.0	1142	7.0				0.81	3.8	6.9	7.2	85.1	0.39	33.7		25.81	15.93	18.71			
32.0	1142	8.0				0.88	3.9	6.9	7.2	85.2	0.62	50.1		25.85	15.91	18.74			
32.0	1142	9.0				0.94	3.9	7.0	7.2	85.3	0.96	74.4		25.84	15.91	18.74			
32.0	1142	10.0				1.00	4.0	7.0	7.2	85.4	1.30	97.9		25.84	15.90	18.74			
32.0	1142	11.0				1.05	4.0	7.0	7.2	85.5	1.78	132.0		25.84	15.90	18.74			
32.0	1142	12.0				1.11	4.1	7.0	7.2	86.0	2.25	165.5		25.84	15.89	18.74			
32.0	1142	13.0	3.7	0.18		1.11	4.1	6.8	7.1	83.6	2.59	189.2		25.84	15.89	18.74			
31.0	1127	1.0				0.76	3.8	6.9	7.1	84.9	0.20	20.7	1.9	25.85	16.10	18.71			
31.0	1127	2.0				0.78	3.8	6.9	7.2	85.2	0.23	22.8		25.92	15.98	18.78			
31.0	1127	3.0				0.78	3.8	6.9	7.2	85.3	0.27	25.3		25.93	15.95	18.80			
31.0	1127	4.0				0.78	3.8	7.0	7.2	85.4	0.30	27.2		25.97	15.89	18.84			

South San Francisco Bay

April 12, 1994

94102

STN	TIME	DEPTH	DISCR	CHL a/	FLUOR	CALC	DISCR	CHL a	OXYG	CALC	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
			CHL a	a+PHA								SPM						
31.0	1127	5.0			0.77	3.8		6.9	7.2	85.1			0.32	29.2		26.00	15.86	18.86
31.0	1127	6.0			0.79	3.8		6.9	7.2	85.0			0.38	33.2		26.04	15.80	18.91
31.0	1127	7.0			0.84	3.9		7.0	7.2	85.2			0.45	37.8		26.08	15.76	18.95
31.0	1127	8.0			0.90	3.9		7.0	7.2	85.4			0.94	72.3		26.07	15.75	18.95
31.0	1127	9.0			0.95	3.9		7.0	7.2	85.5			1.06	80.9		26.07	15.75	18.94
31.0	1127	10.0			0.96	4.0		7.0	7.2	85.5			1.50	112.4		26.07	15.74	18.94
31.0	1127	11.0			0.97	4.0		7.0	7.2	85.6			1.88	138.9		26.07	15.74	18.94
31.0	1127	12.0			1.00	4.0		7.0	7.2	85.8			2.04	150.2		26.06	15.74	18.94
31.0	1127	13.0			1.00	4.0		7.0	7.2	85.7			2.16	159.1		26.06	15.75	18.93
31.0	1127	14.0			0.98	4.0		7.0	7.2	85.7			2.36	172.6		26.05	15.75	18.93
30.0	1109	1.0			0.80	3.8		7.2	7.4	88.2			0.18	19.1	1.7	26.11	16.02	18.92
30.0	1109	2.0	4.0	0.75	0.84	3.9	7.5	7.2	7.4	87.8		24.2	0.20	20.2		26.17	15.73	19.03
30.0	1109	3.0			0.86	3.9		7.2	7.4	87.4			0.23	22.2		26.25	15.64	19.11
30.0	1109	4.0			0.84	3.9		7.2	7.4	87.6			0.28	25.8		26.27	15.61	19.13
30.0	1109	5.0			0.83	3.8		7.2	7.4	87.8			0.36	31.6		26.28	15.59	19.14
30.0	1109	6.0			0.86	3.9		7.3	7.5	88.1			0.45	38.0		26.33	15.53	19.19
30.0	1109	7.0			0.89	3.9		7.3	7.5	88.5			0.54	44.5		26.37	15.51	19.22
30.0	1109	8.0			0.90	3.9		7.3	7.5	88.5			0.61	49.0		26.39	15.51	19.24
30.0	1109	9.0			0.97	4.0		7.3	7.5	88.3			0.64	51.8		26.48	15.49	19.31
30.0	1109	10.0			1.17	4.1		7.2	7.4	87.9			1.15	87.5		26.51	15.47	19.34
30.0	1109	11.0			1.45	4.4		7.3	7.5	88.0			2.52	184.4		26.50	15.47	19.33
30.0	1109	12.0	4.7	0.10	1.46	4.4		7.2	7.4	86.9			4.03	291.1		26.49	15.48	19.32
29.5	1054	1.0			0.79	3.8		7.2	7.4	88.2			0.17	18.3	1.7	26.23	15.99	19.02
29.5	1054	2.0			0.82	3.8		7.2	7.4	88.0			0.18	18.8		26.27	15.70	19.11
29.5	1054	3.0			0.82	3.8		7.2	7.4	87.8			0.19	20.0		26.32	15.63	19.17
29.5	1054	4.0			0.83	3.9		7.2	7.4	87.6			0.22	21.6		26.37	15.59	19.21
29.5	1054	5.0			0.83	3.9		7.2	7.4	87.5			0.23	22.4		26.42	15.55	19.26
29.5	1054	6.0			0.83	3.8		7.2	7.4	87.9			0.25	23.7		26.49	15.48	19.32
29.5	1054	7.0			0.83	3.9		7.3	7.5	88.1			0.27	25.0		26.51	15.44	19.35
29.5	1054	8.0			0.85	3.9		7.3	7.5	88.5			0.29	26.9		26.52	15.42	19.36
29.5	1054	9.0			0.87	3.9		7.3	7.5	88.7			0.31	28.4		26.52	15.41	19.36

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
29.5	1054	10.0			0.88	3.9		7.3	7.5	88.7		0.33	29.7		26.51	15.40	19.36
29.5	1054	11.0			0.92	3.9		7.3	7.5	88.8		0.34	30.6		26.52	15.41	19.36
29.5	1054	12.0			1.03	4.0		7.4	7.5	88.8		0.37	32.0		26.58	15.34	19.42
29.5	1054	13.0			1.16	4.1		7.4	7.6	89.0		1.11	84.6		26.60	15.32	19.44
29.5	1054	14.0			1.27	4.2		7.4	7.6	89.2		1.41	106.0		26.60	15.32	19.44
29.5	1054	15.0			1.35	4.3		7.4	7.6	89.1		2.02	149.0		26.59	15.33	19.43
29.5	1054	16.0			1.33	4.3		7.4	7.6	89.2		2.70	197.4		26.58	15.34	19.43
29.0	1041	1.0			0.83	3.9		7.3	7.5	89.0		0.26	24.3	1.8	26.42	15.87	19.19
29.0	1041	2.0			0.86	3.9		7.3	7.5	88.5		0.27	25.1		26.54	15.55	19.35
29.0	1041	3.0			0.87	3.9		7.3	7.5	88.5		0.31	27.7		26.61	15.41	19.43
29.0	1041	4.0			0.89	3.9		7.3	7.5	88.5		0.46	38.8		26.62	15.39	19.44
29.0	1041	5.0			0.93	3.9		7.3	7.5	88.6		0.60	48.6		26.64	15.37	19.46
29.0	1041	6.0			0.95	3.9		7.3	7.5	88.8		0.69	54.9		26.64	15.36	19.47
29.0	1041	7.0			0.96	4.0		7.3	7.5	88.8		0.79	62.2		26.65	15.35	19.48
29.0	1041	8.0			0.98	4.0		7.4	7.5	89.0		0.80	62.4		26.66	15.35	19.48
29.0	1041	9.0			0.98	4.0		7.4	7.5	89.0		0.88	68.2		26.66	15.35	19.48
29.0	1041	10.0			0.99	4.0		7.4	7.5	89.0		0.93	72.1		26.66	15.35	19.48
29.0	1041	11.0			1.02	4.0		7.3	7.5	88.9		1.00	76.5		26.66	15.36	19.48
29.0	1041	12.0			1.08	4.1		7.3	7.5	88.9		1.02	78.5		26.73	15.34	19.54
29.0	1041	13.0			1.15	4.1		7.4	7.6	89.1		1.21	92.0		26.74	15.34	19.55
29.0	1041	14.0			1.22	4.2		7.3	7.5	88.8		1.53	114.1		26.79	15.32	19.59
29.0	1041	15.0			1.22	4.2		7.4	7.5	89.0		1.86	137.5		26.79	15.32	19.59
28.0	1025	1.0			0.82	3.8		7.4	7.5	89.4		0.17	18.3	1.7	26.53	15.61	19.33
28.0	1025	2.0			0.87	3.9		7.3	7.5	88.9		0.20	20.7		26.60	15.45	19.41
28.0	1025	3.0			0.90	3.9		7.3	7.5	88.9		0.27	25.1		26.63	15.40	19.44
28.0	1025	4.0			0.89	3.9		7.3	7.5	88.6		0.33	29.2		26.64	15.39	19.46
28.0	1025	5.0			0.87	3.9		7.4	7.6	89.0		0.35	31.0		26.68	15.30	19.51
28.0	1025	6.0			0.86	3.9		7.4	7.6	89.0		0.36	31.7		26.69	15.29	19.52
28.0	1025	7.0			0.87	3.9		7.4	7.6	89.4		0.38	32.7		26.72	15.25	19.55
28.0	1025	8.0			0.88	3.9		7.5	7.6	89.8		0.38	33.0		26.74	15.24	19.56
28.0	1025	9.0			0.93	3.9		7.5	7.7	90.5		0.38	33.0		26.82	15.21	19.63

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28.0	1025	10.0			0.99	4.0		7.6	7.7	90.9	0.41	35.4		26.85	15.19	19.66
28.0	1025	11.0			1.05	4.0		7.6	7.7	91.0	0.57	46.7		26.85	15.18	19.66
28.0	1025	12.0			1.10	4.1		7.6	7.7	90.9	0.68	53.9		26.84	15.17	19.65
28.0	1025	13.0			1.16	4.1		7.6	7.7	91.0	0.98	75.1		26.83	15.17	19.65
28.0	1025	14.0			1.21	4.2		7.6	7.7	91.1	1.17	88.6		26.82	15.17	19.65
28.0	1025	15.0			1.22	4.2		7.6	7.7	91.0	1.40	105.3		26.82	15.17	19.64
27.0	1007	1.0			0.88	3.9		7.4	7.6	89.7	0.20	20.2	2.0	26.66	15.41	19.47
27.0	1007	2.0	4.3	0.67	0.91	3.9	7.4	7.4	7.6	89.4	0.23	22.4		26.67	15.36	19.49
27.0	1007	3.0			0.91	3.9		7.4	7.6	89.5	0.28	25.9		26.68	15.35	19.50
27.0	1007	4.0			0.87	3.9		7.4	7.6	89.6	0.31	28.4		26.69	15.33	19.51
27.0	1007	5.0			0.84	3.9		7.4	7.6	89.4	0.34	30.0		26.70	15.32	19.52
27.0	1007	6.0			0.85	3.9		7.4	7.6	89.5	0.37	32.4		26.71	15.32	19.53
27.0	1007	7.0			0.87	3.9		7.4	7.6	89.6	0.40	34.5		26.72	15.31	19.54
27.0	1007	8.0			0.91	3.9		7.4	7.6	89.6	0.44	37.3		26.73	15.30	19.55
27.0	1007	9.0			0.96	4.0		7.4	7.6	89.7	0.47	39.5		26.74	15.30	19.56
27.0	1007	10.0			1.02	4.0		7.4	7.6	89.8	0.53	43.6		26.75	15.30	19.56
27.0	1007	11.0			1.08	4.1		7.4	7.6	89.6	0.66	52.8		26.75	15.30	19.56
27.0	1007	12.0	4.7	0.30	1.09	4.1		7.4	7.6	89.6	0.88	68.2		26.75	15.30	19.56
26.0	0955	1.0			0.80	3.8		7.7	7.9	92.8	0.13	15.7	1.5	26.96	15.37	19.71
26.0	0955	2.0			0.84	3.9		7.7	7.8	92.2	0.13	15.6		26.96	15.20	19.75
26.0	0955	3.0			0.83	3.9		7.6	7.8	91.7	0.15	16.9		26.97	15.18	19.76
26.0	0955	4.0			0.80	3.8		7.6	7.8	91.7	0.18	19.0		26.98	15.16	19.77
26.0	0955	5.0			0.79	3.8		7.6	7.8	91.7	0.21	20.8		26.99	15.15	19.78
26.0	0955	6.0			0.80	3.8		7.6	7.8	91.7	0.25	23.6		27.01	15.14	19.79
26.0	0955	7.0			0.85	3.9		7.6	7.8	91.7	0.30	27.3		27.01	15.13	19.80
26.0	0955	8.0			0.89	3.9		7.6	7.8	91.7	0.39	33.6		27.01	15.13	19.80
26.0	0955	9.0			0.93	3.9		7.6	7.8	91.7	0.48	40.2		27.01	15.13	19.80
26.0	0955	10.0			0.94	3.9		7.6	7.8	91.8	0.58	47.0		27.01	15.13	19.79
25.0	0940	1.0			0.77	3.8		8.0	8.1	95.7	0.10	13.6	1.4	27.26	15.15	19.99
25.0	0940	2.0			0.80	3.8		8.0	8.1	95.4	0.12	14.4		27.26	15.09	19.99

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25.0	0940	3.0				0.80	3.8		8.0	8.1	95.1	0.14	15.9		27.25	15.08	20.00				
25.0	0940	4.0				0.77	3.8		7.9	8.1	94.9	0.16	17.4		27.25	15.08	19.99				
25.0	0940	5.0				0.75	3.8		7.9	8.1	94.9	0.19	19.8		27.25	15.08	19.99				
25.0	0940	6.0				0.77	3.8		7.9	8.1	94.9	0.22	21.6		27.25	15.08	19.99				
25.0	0940	7.0				0.82	3.8		7.9	8.1	94.8	0.29	26.4		27.25	15.08	19.99				
25.0	0940	8.0				0.82	3.8		7.9	8.1	94.9	0.36	31.6		27.25	15.08	19.99				
24.0	0925	1.0				0.80	3.8		8.1	8.2	96.6	0.10	13.6		1.4	27.46	15.04	20.16			
24.0	0925	2.0	3.6	0.81		0.81	3.8	8.2	8.1	8.2	96.2	0.13	15.0			27.47	15.02	20.17			
24.0	0925	3.0				0.79	3.8		8.1	8.2	96.1	0.14	16.4			27.48	15.02	20.18			
24.0	0925	4.0				0.76	3.8		8.1	8.2	96.1	0.17	17.8			27.51	15.02	20.20			
24.0	0925	5.0				0.75	3.8		8.1	8.2	96.1	0.19	19.5			27.54	15.03	20.22			
24.0	0925	6.0				0.76	3.8		8.0	8.2	96.1	0.20	20.5			27.57	15.03	20.25			
24.0	0925	7.0				0.76	3.8		8.0	8.2	96.1	0.23	22.2			27.59	15.04	20.26			
24.0	0925	8.0				0.78	3.8		8.0	8.2	96.1	0.29	26.5			27.59	15.04	20.26			
24.0	0925	9.0				0.81	3.8		8.0	8.1	95.9	0.35	31.1			27.59	15.04	20.26			
24.0	0925	10.0	4.1	0.53		0.81	3.8		8.0	8.2	96.0	0.39	33.7			27.59	15.04	20.26			
23.0	0910	1.0				0.93	3.9		8.1	8.2	96.6	0.12	14.6		1.5	27.35	15.13	20.06			
23.0	0910	2.0				0.95	4.0		8.1	8.2	96.1	0.14	15.9			27.35	15.10	20.06			
23.0	0910	3.0				0.97	4.0		8.0	8.1	95.6	0.17	18.3			27.36	15.08	20.07			
23.0	0910	4.0				0.92	3.9		8.0	8.1	95.3	0.21	20.8			27.37	15.07	20.09			
23.0	0910	5.0				0.88	3.9		8.0	8.1	95.2	0.23	22.5			27.38	15.06	20.09			
23.0	0910	6.0				0.88	3.9		7.9	8.1	95.0	0.26	24.3			27.39	15.06	20.10			
23.0	0910	7.0				0.91	3.9		7.9	8.1	94.9	0.29	26.8			27.42	15.05	20.12			
23.0	0910	8.0				0.93	3.9		7.9	8.0	94.7	0.32	28.9			27.45	15.05	20.16			
23.0	0910	9.0				0.90	3.9		7.9	8.1	94.8	0.35	30.6			27.50	15.03	20.19			
23.0	0910	10.0				0.88	3.9		7.9	8.1	94.9	0.36	31.9			27.53	15.02	20.22			
23.0	0910	11.0				0.88	3.9		8.0	8.1	95.1	0.37	32.3			27.55	15.01	20.23			
23.0	0910	12.0				0.91	3.9		8.0	8.1	95.1	0.38	33.4			27.55	15.01	20.24			
23.0	0910	13.0				0.93	3.9		8.0	8.1	95.1	0.40	34.4			27.56	15.01	20.24			
23.0	0910	14.0				0.92	3.9		8.0	8.1	95.0	0.46	38.6			27.56	15.01	20.24			
23.0	0910	15.0				0.92	3.9		8.0	8.1	95.0	0.50	41.6			27.56	15.01	20.25			

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STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CHL a	OXYG	DISCR	% OXY	SAT	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
			CHL a																
22.0	0850	1.0			0.80	3.8			7.7	7.9	93.1			0.05	9.9	1.6	27.40	15.15	20.09
22.0	0850	2.0			0.84	3.9			7.6	7.8	91.9			0.19	19.3		27.49	15.12	20.16
22.0	0850	3.0			0.83	3.8			7.7	7.8	92.3			0.23	22.4		27.64	14.98	20.31
22.0	0850	4.0			0.79	3.8			7.7	7.9	92.7			0.22	21.5		27.73	14.93	20.39
22.0	0850	5.0			0.73	3.8			7.7	7.9	92.9			0.21	21.2		27.81	14.91	20.45
22.0	0850	6.0			0.69	3.7			7.8	7.9	93.1			0.20	20.5		27.90	14.89	20.53
22.0	0850	7.0			0.67	3.7			7.8	7.9	93.2			0.20	20.4		27.92	14.89	20.55
22.0	0850	8.0			0.68	3.7			7.8	7.9	93.2			0.19	20.0		27.94	14.88	20.56
22.0	0850	9.0			0.68	3.7			7.8	7.9	93.1			0.20	20.2		27.98	14.86	20.60
22.0	0850	10.0			0.67	3.7			7.8	7.9	93.0			0.20	20.2		28.05	14.82	20.66
22.0	0850	11.0			0.66	3.7			7.8	7.9	93.1			0.21	20.8		28.11	14.79	20.71
22.0	0850	12.0			0.66	3.7			7.8	7.9	93.1			0.21	21.2		28.16	14.77	20.76
22.0	0850	13.0			0.67	3.7			7.8	7.9	93.1			0.21	21.3		28.20	14.75	20.79
22.0	0850	14.0			0.66	3.7			7.8	7.9	93.3			0.20	20.6		28.22	14.73	20.81
22.0	0850	15.0			0.67	3.7			7.8	7.9	93.3			0.20	20.5		28.25	14.72	20.83
22.0	0850	16.0			0.69	3.7			7.8	8.0	93.5			0.21	21.3		28.25	14.72	20.83
22.0	0850	17.0			0.69	3.7			7.8	7.9	93.4			0.23	22.7		28.25	14.72	20.83
22.0	0850	18.0			0.69	3.7			7.8	8.0	93.4			0.24	23.4		28.25	14.72	20.83
21.0	0835	1.0			0.76	3.8			7.6	7.8	91.9			0.19	19.3	1.8	27.58	15.14	20.23
21.0	0835	2.0	4.0	0.69	0.75	3.8			7.6	7.8	91.9		25.3	0.24	23.1		27.61	15.13	20.26
21.0	0835	3.0			0.74	3.8			7.6	7.8	91.9			0.29	26.5		27.65	15.12	20.29
21.0	0835	4.0			0.73	3.8			7.6	7.8	92.0			0.31	27.9		27.67	15.12	20.31
21.0	0835	5.0			0.74	3.8			7.6	7.8	92.0			0.35	30.6		27.73	15.10	20.35
21.0	0835	6.0			0.76	3.8			7.7	7.8	92.2			0.34	30.6		27.81	15.08	20.42
21.0	0835	7.0			0.76	3.8			7.6	7.8	92.1			0.37	32.5		27.87	15.06	20.47
21.0	0835	8.0			0.75	3.8			7.7	7.8	92.1			0.38	33.3		27.94	15.01	20.54
21.0	0835	9.0			0.73	3.8			7.7	7.8	92.3			0.39	33.7		28.01	14.95	20.60
21.0	0835	10.0			0.70	3.7			7.7	7.9	92.6			0.38	33.3		28.07	14.91	20.66
21.0	0835	11.0			0.68	3.7			7.7	7.9	92.7			0.38	32.9		28.10	14.90	20.68
21.0	0835	12.0			0.68	3.7			7.7	7.9	92.8			0.38	32.8		28.13	14.89	20.71
21.0	0835	13.0			0.68	3.7			7.7	7.9	92.9			0.38	32.8		28.16	14.88	20.73
21.0	0835	14.0			0.70	3.7			7.7	7.9	92.7			0.39	33.7		28.19	14.86	20.76

South San Francisco Bay

April 12, 1994

94102

STN	TIME	DEPTH	DISCR	CHL a/	FLUOR	CALC	DISCR	CALC	% OXY	DISCR	CALC	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
21.0	0835	15.0			0.73	3.8		7.7	7.9		92.6	0.41	35.1		28.24	14.83	20.81
21.0	0835	16.0			0.79	3.8		7.7	7.9		92.4	0.42	35.8		28.35	14.78	20.90
21.0	0835	17.0	3.9	0.26	0.80	3.8		7.7	7.9		92.5	0.46	38.9		28.38	14.76	20.93

										n	r^2	Slope	Inter.	Std. Err.
Fluorometer Calibration:										12	0.118	0.842	3.152	0.497
OBS Calibration:										6	0.997	70.684	6.182	3.587
Dissolved Oxygen Calibration:										5	0.936	0.888	1.016	0.172

Seabird v4.026

South San Francisco Bay

April 15, 1994

94105

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CHL a	OXYG	CALC	% OXY	DISCR	OBS	SPM	CALC	EXCOF	SALIN	TEMP	SIGT
36.0	0819	1.0			1.31	5.9		5.9	6.1	6.0	71.5		1.91	139.4	8.3	21.65	17.68	15.15	
36.0	0819	2.0	6.0	0.43	1.31	5.9	6.2	6.2	6.2	6.0	72.0	152.4	2.08	151.9		22.40	17.63	15.73	
36.0	0819	3.0			1.34	6.0	6.2	6.2	6.2	6.0	72.1		2.29	166.8		22.66	17.64	15.93	
36.0	0819	4.0			1.36	6.0	6.1	6.0	6.1	6.0	71.9		3.06	221.6		22.94	17.62	16.14	
36.0	0819	5.0			1.31	5.9	6.2	6.0	6.2	6.0	72.2		3.12	226.0		23.13	17.56	16.31	
36.0	0819	6.0			1.24	5.6	6.2	6.0	6.2	6.0	72.4		2.32	169.0		23.28	17.51	16.43	
36.0	0819	7.0	5.6	0.31	1.25	5.7	6.2	6.0	6.2	6.0	72.6		2.17	158.2		23.43	17.49	16.55	
35.0	0840	1.0			1.20	5.5	6.1	5.9	6.1	5.9	71.1		1.83	134.0	6.4	22.49	17.70	15.79	
35.0	0840	2.0			1.19	5.5	6.1	5.9	6.1	5.9	71.6		2.15	156.7		22.91	17.60	16.13	
35.0	0840	3.0			1.18	5.4	6.2	6.0	6.2	6.0	72.2		2.10	152.7		23.18	17.51	16.35	
35.0	0840	4.0			1.18	5.4	6.2	6.0	6.2	6.0	72.7		2.11	153.6		23.23	17.50	16.40	
35.0	0840	5.0			1.16	5.4	6.2	6.0	6.2	6.0	72.8		2.07	151.1		23.31	17.47	16.46	
35.0	0840	6.0			1.12	5.2	6.2	6.0	6.2	6.0	72.9		2.16	157.6		23.53	17.42	16.64	
35.0	0840	7.0			1.12	5.2	6.2	6.0	6.2	6.0	73.0		2.47	179.8		23.73	17.40	16.80	
34.0	0850	1.0			1.03	4.9	6.2	6.0	6.2	6.0	72.5		1.99	145.0	7.2	23.42	17.53	16.53	
34.0	0850	2.0			1.04	4.9	6.1	6.0	6.1	6.0	72.1		2.23	162.3		23.59	17.51	16.67	
34.0	0850	3.0			1.04	4.9	6.1	5.9	6.1	5.9	71.4		2.47	179.6		23.69	17.46	16.75	
34.0	0850	4.0			1.03	4.9	6.0	5.8	6.0	5.8	70.5		2.56	186.0		23.81	17.32	16.88	
34.0	0850	5.0			1.02	4.9	5.9	5.8	5.9	5.8	69.4		2.50	181.3		23.85	17.18	16.94	
34.0	0850	6.0			1.03	4.9	5.9	5.7	5.9	5.7	68.6		2.37	172.4		23.88	17.06	16.99	
34.0	0850	7.0			1.03	4.9	6.0	5.8	6.0	5.8	69.7		2.32	168.5		23.89	17.01	17.00	
33.0	0904	1.0			0.77	4.0	6.3	6.1	6.3	6.1	73.8		0.86	64.5	4.3	24.33	17.32	17.27	
33.0	0904	2.0			0.77	4.0	6.2	6.1	6.2	6.1	73.2		0.95	71.3		24.36	17.28	17.31	
33.0	0904	3.0			0.79	4.1	6.2	6.1	6.2	6.1	73.1		1.02	75.9		24.39	17.26	17.33	
33.0	0904	4.0			0.82	4.2	6.3	6.1	6.3	6.1	73.3		1.20	89.1		24.42	17.25	17.36	
33.0	0904	5.0			0.83	4.2	6.3	6.1	6.3	6.1	74.0		1.37	101.0		24.55	17.28	17.45	
33.0	0904	6.0			0.85	4.3	6.4	6.2	6.4	6.2	74.6		1.53	112.4		24.66	17.32	17.53	
33.0	0904	7.0			0.86	4.3	6.4	6.2	6.4	6.2	75.3		1.69	124.0		24.75	17.34	17.59	
33.0	0904	8.0			0.88	4.4	6.4	6.2	6.4	6.2	75.7		1.82	133.4		24.84	17.35	17.66	
33.0	0904	9.0			0.90	4.5	6.5	6.3	6.5	6.3	76.0		1.99	145.1		24.87	17.36	17.68	

STN	TIME	DEPTH	DISCR		CHL a	FLUOR	CALC		DISCR	CALC		% OXY	DISCR	OBS	CALC		EXCOF	SALIN	TEMP	SIGT
			CHL a	a+PHA			CHL a	OXYG		OXYG	OXYG		SPM		SPM	SPM				
33.0	0904	10.0			0.90	4.5	6.5	6.3	76.2	2.06	149.8	24.91	17.35	17.71						
33.0	0904	11.0			0.88	4.4	6.5	6.3	76.5	2.14	156.1	25.02	17.35	17.80						
33.0	0904	12.0			0.87	4.4	6.5	6.3	76.3	2.24	163.2	25.11	17.34	17.87						
32.0	0917	1.0			0.76	4.0	6.6	6.4	78.2	0.47	36.7	3.3	24.45	17.57	17.31					
32.0	0917	2.0	3.5	0.60	0.75	4.0	6.6	6.4	77.9	34.0	37.4	24.56	17.44	17.42						
32.0	0917	3.0			0.74	3.9	6.6	6.4	78.0	0.52	40.7	24.77	17.39	17.59						
32.0	0917	4.0			0.74	3.9	6.6	6.4	77.7	0.69	52.8	24.80	17.40	17.61						
32.0	0917	5.0			0.76	4.0	6.6	6.4	77.3	0.76	57.5	24.98	17.36	17.76						
32.0	0917	6.0			0.80	4.1	6.6	6.4	77.1	0.85	64.0	25.11	17.26	17.88						
32.0	0917	7.0			0.83	4.2	6.6	6.4	77.1	1.09	81.1	25.13	17.24	17.90						
32.0	0917	8.0			0.85	4.3	6.6	6.4	77.3	1.32	97.3	25.17	17.24	17.93						
32.0	0917	9.0			0.87	4.4	6.6	6.4	77.6	1.55	113.7	25.22	17.24	17.97						
32.0	0917	10.0			0.90	4.5	6.6	6.4	77.7	1.67	122.3	25.25	17.28	17.99						
32.0	0917	11.0			0.91	4.5	6.6	6.4	77.7	1.87	136.8	25.26	17.27	17.99						
32.0	0917	12.0	3.2	0.27	0.91	4.5	6.4	6.2	75.4	2.19	159.7	25.28	17.28	18.01						
31.0	0929	1.0			0.71	3.8	6.6	6.4	78.0	0.38	30.8	2.6	24.86	17.52	17.63					
31.0	0929	2.0			0.69	3.7	6.6	6.4	77.9	0.41	32.5	25.13	17.39	17.87						
31.0	0929	3.0			0.69	3.7	6.6	6.4	78.2	0.48	37.9	25.35	17.30	18.06						
31.0	0929	4.0			0.70	3.8	6.7	6.5	78.5	0.57	44.2	25.42	17.28	18.12						
31.0	0929	5.0			0.72	3.8	6.7	6.5	78.7	0.61	47.0	25.48	17.26	18.17						
31.0	0929	6.0			0.74	3.9	6.7	6.5	78.8	0.63	48.2	25.51	17.26	18.19						
31.0	0929	7.0			0.76	4.0	6.7	6.5	79.2	0.64	48.9	25.62	17.25	18.28						
31.0	0929	8.0			0.77	4.0	6.7	6.5	79.3	0.62	47.6	25.65	17.25	18.30						
31.0	0929	9.0			0.78	4.1	6.8	6.5	79.6	0.61	46.9	25.71	17.24	18.34						
31.0	0929	10.0			0.79	4.1	6.8	6.5	79.7	0.56	43.7	25.76	17.24	18.39						
31.0	0929	11.0			0.78	4.1	6.8	6.6	80.0	0.52	40.7	25.80	17.17	18.43						
31.0	0929	12.0			0.79	4.1	6.8	6.5	79.6	0.47	36.7	25.88	17.16	18.50						
30.0	0949	1.0			0.69	3.7	6.8	6.6	79.8	0.35	28.3	2.0	25.50	17.28	18.18					
30.0	0949	2.0	3.8	0.61	0.67	3.7	6.9	6.6	79.7	30.0	29.1	25.72	17.08	18.39						
30.0	0949	3.0			0.66	3.6	6.8	6.6	79.8	0.37	29.7	25.79	17.01	18.45						

South San Francisco Bay

April 15, 1994

94105

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	CHL a	OXYG	OXYG	SAT		SPM	SPM						
30.0	0949	4.0				0.65	3.6		6.8	6.6	79.8			0.39	31.3			25.86	16.94	18.53	
30.0	0949	5.0				0.67	3.7		6.8	6.6	80.1			0.41	32.5			25.91	16.89	18.58	
30.0	0949	6.0				0.71	3.8		6.9	6.6	80.2			0.44	34.5			25.94	16.85	18.61	
30.0	0949	7.0				0.74	3.9		6.9	6.6	80.2			0.46	36.1			25.95	16.84	18.62	
30.0	0949	8.0				0.79	4.1		6.9	6.6	80.3			0.48	37.4			26.00	16.81	18.67	
30.0	0949	9.0				0.83	4.2		6.9	6.7	80.4			0.53	41.1			26.04	16.78	18.70	
30.0	0949	10.0				0.86	4.3		6.9	6.7	80.5			0.70	53.6			26.04	16.78	18.70	
30.0	0949	11.0				0.88	4.4		6.9	6.7	80.5			0.80	60.5			26.05	16.78	18.71	
30.0	0949	12.0	3.3	0.34		0.88	4.4		6.8	6.6	80.0			0.86	65.0			26.06	16.76	18.72	
29.5	1005	1.0				0.78	4.0		7.1	6.8	83.0			0.19	16.9	1.6		26.05	16.99	18.67	
29.5	1005	2.0				0.78	4.1		7.0	6.8	81.9			0.19	16.6			26.13	16.88	18.74	
29.5	1005	3.0				0.74	3.9		6.9	6.6	80.2			0.20	18.0			26.25	16.82	18.85	
29.5	1005	4.0				0.71	3.8		6.9	6.7	80.8			0.23	19.6			26.30	16.56	18.95	
29.5	1005	5.0				0.73	3.9		7.0	6.7	81.2			0.28	23.2			26.28	16.49	18.95	
29.5	1005	6.0				0.76	4.0		7.0	6.8	81.2			0.34	27.6			26.27	16.48	18.94	
29.5	1005	7.0				0.80	4.1		7.0	6.8	81.2			0.40	31.8			26.27	16.47	18.94	
29.5	1005	8.0				0.81	4.2		7.0	6.7	81.1			0.48	37.9			26.26	16.45	18.94	
29.5	1005	9.0				0.82	4.2		7.0	6.7	81.1			0.56	43.3			26.28	16.43	18.96	
29.5	1005	10.0				0.86	4.3		7.0	6.8	81.1			0.64	48.8			26.32	16.38	19.00	
29.5	1005	11.0				0.91	4.5		7.0	6.8	81.3			0.73	55.7			26.35	16.34	19.03	
29.5	1005	12.0				0.93	4.6		7.0	6.8	81.5			0.85	63.8			26.36	16.33	19.04	
29.5	1005	13.0				0.99	4.8		7.0	6.8	81.6			0.93	69.6			26.38	16.31	19.06	
29.5	1005	14.0				1.00	4.8		7.1	6.8	81.9			1.03	76.7			26.40	16.28	19.09	
29.0	1017	1.0				0.75	3.9		7.0	6.8	82.0			0.15	14.3	1.7		26.19	16.67	18.84	
29.0	1017	2.0				0.74	3.9		7.0	6.8	81.6			0.17	15.4			26.25	16.50	18.92	
29.0	1017	3.0				0.74	3.9		7.0	6.8	81.6			0.25	20.9			26.28	16.46	18.95	
29.0	1017	4.0				0.72	3.8		7.0	6.8	81.8			0.31	25.3			26.35	16.41	19.02	
29.0	1017	5.0				0.74	3.9		7.0	6.8	81.8			0.32	26.4			26.38	16.38	19.05	
29.0	1017	6.0				0.78	4.1		7.0	6.8	81.7			0.34	27.4			26.41	16.33	19.08	
29.0	1017	7.0				0.82	4.2		7.1	6.8	82.0			0.38	30.7			26.48	16.23	19.16	
29.0	1017	8.0				0.85	4.3		7.1	6.9	82.3			0.42	33.3			26.51	16.18	19.19	

STN	TIME	DEPTH	DISC CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISC OXYG	CALC OXYG	% OXY SAT	DISC SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
29.0	1017	9.0			0.86	4.3		7.1	6.9	82.4	0.44	34.6		26.52	16.17	19.20
29.0	1017	10.0			0.86	4.3		7.1	6.9	82.5	0.46	36.4		26.53	16.15	19.21
29.0	1017	11.0			0.86	4.3		7.2	6.9	82.7	0.51	39.6		26.55	16.13	19.23
29.0	1017	12.0			0.90	4.4		7.2	6.9	82.8	0.53	41.4		26.57	16.10	19.25
29.0	1017	13.0			0.94	4.6		7.2	6.9	82.9	0.59	45.2		26.60	16.07	19.28
29.0	1017	14.0			0.93	4.6		7.2	6.9	83.0	0.67	50.9		26.61	16.06	19.30
28.0	1032	1.0			0.82	4.2		7.3	7.1	85.5	0.19	17.3	1.9	26.38	16.64	18.99
28.0	1032	2.0			0.83	4.2		7.3	7.0	84.4	0.20	17.4		26.42	16.43	19.07
28.0	1032	3.0			0.81	4.2		7.2	7.0	83.9	0.21	18.2		26.45	16.28	19.12
28.0	1032	4.0			0.80	4.1		7.2	7.0	83.8	0.25	21.1		26.49	16.19	19.17
28.0	1032	5.0			0.82	4.2		7.3	7.0	83.8	0.32	26.1		26.51	16.16	19.19
28.0	1032	6.0			0.84	4.3		7.3	7.0	84.0	0.37	29.8		26.54	16.13	19.22
28.0	1032	7.0			0.88	4.4		7.3	7.0	84.3	0.41	32.5		26.57	16.11	19.25
28.0	1032	8.0			0.92	4.5		7.3	7.1	84.6	0.48	37.5		26.60	16.11	19.27
28.0	1032	9.0			0.92	4.5		7.3	7.1	84.9	0.52	40.7		26.61	16.12	19.28
28.0	1032	10.0			0.92	4.5		7.4	7.1	85.2	0.56	43.5		26.63	16.14	19.30
28.0	1032	11.0			0.93	4.6		7.4	7.1	85.2	0.56	43.6		26.66	16.14	19.31
28.0	1032	12.0			0.92	4.5		7.4	7.1	85.3	0.57	43.7		26.68	16.13	19.33
28.0	1032	13.0			0.93	4.6		7.4	7.1	85.4	0.58	44.4		26.69	16.13	19.34
28.0	1032	14.0			0.93	4.6		7.4	7.1	85.2	0.60	45.8		26.69	16.12	19.34
27.0	1050	1.0			0.81	4.2		7.3	7.1	85.0	0.19	16.8	1.6	26.57	16.40	19.19
27.0	1050	2.0	4.4	0.70	0.85	4.3	7.0	7.4	7.1	84.9	0.20	17.5		26.63	16.11	19.30
27.0	1050	3.0			0.86	4.3		7.4	7.1	84.9	0.23	19.9		26.66	16.09	19.33
27.0	1050	4.0			0.83	4.2		7.4	7.1	85.0	0.28	23.2		26.68	16.09	19.34
27.0	1050	5.0			0.82	4.2		7.4	7.1	84.9	0.31	25.1		26.69	16.10	19.35
27.0	1050	6.0			0.85	4.3		7.4	7.1	85.2	0.34	27.9		26.70	16.10	19.35
27.0	1050	7.0			0.88	4.4		7.4	7.1	85.2	0.39	31.1		26.71	16.11	19.36
27.0	1050	8.0			0.89	4.4		7.4	7.1	85.2	0.42	33.3		26.73	16.12	19.37
27.0	1050	9.0			0.91	4.5		7.4	7.1	85.3	0.48	37.3		26.73	16.12	19.37
27.0	1050	10.0			0.93	4.6		7.4	7.1	85.3	0.52	40.6		26.74	16.13	19.38
27.0	1050	11.0			0.93	4.6		7.4	7.1	85.0	0.53	41.2		26.75	16.14	19.39

South San Francisco Bay

April 15, 1994

94105

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CALC	% OXY	DISCR	CALC	SPM	EXCOF	SALIN	TEMP	SIGT
			CHL a			CHL a	OKYG	OKYG	SAT	SPM	OBS					
27.0	1050	12.0	5.5	0.38	0.92	4.5	7.3	7.1	84.8		0.56	43.0		26.76	16.14	19.39
26.0	1101	1.0			0.83	4.2	7.5	7.2	87.4		0.15	14.2	1.6	26.82	16.51	19.36
26.0	1101	2.0			0.85	4.3	7.5	7.2	86.7		0.16	14.6		26.87	16.32	19.44
26.0	1101	3.0			0.87	4.4	7.5	7.2	86.5		0.19	17.0		26.90	16.21	19.48
26.0	1101	4.0			0.87	4.4	7.5	7.2	86.5		0.23	19.8		26.91	16.18	19.50
26.0	1101	5.0			0.87	4.4	7.5	7.2	86.4		0.29	23.8		26.92	16.16	19.51
26.0	1101	6.0			0.89	4.4	7.5	7.2	86.6		0.34	27.3		26.93	16.16	19.52
26.0	1101	7.0			0.92	4.5	7.5	7.2	86.5		0.38	30.8		26.94	16.15	19.53
26.0	1101	8.0			0.94	4.6	7.5	7.2	86.6		0.42	33.5		26.94	16.15	19.53
26.0	1101	9.0			0.93	4.5	7.5	7.2	86.6		0.46	36.4		26.95	16.14	19.54
26.0	1101	10.0			0.92	4.5	7.5	7.2	86.7		0.51	39.6		26.96	16.14	19.54
25.0	1119	1.0			0.76	4.0	7.8	7.5	90.1		0.10	10.2	1.3	27.36	16.06	19.87
25.0	1119	2.0			0.83	4.2	7.8	7.5	89.9		0.10	10.4		27.35	15.83	19.91
25.0	1119	3.0			0.83	4.2	7.8	7.5	89.5		0.12	12.0		27.36	15.79	19.93
25.0	1119	4.0			0.81	4.2	7.8	7.5	89.4		0.14	13.5		27.37	15.77	19.94
25.0	1119	5.0			0.78	4.0	7.8	7.5	89.5		0.18	16.0		27.39	15.76	19.95
25.0	1119	6.0			0.76	4.0	7.8	7.5	89.6		0.20	18.0		27.39	15.75	19.96
25.0	1119	7.0			0.77	4.0	7.8	7.5	89.5		0.21	18.6		27.39	15.75	19.96
25.0	1119	8.0			0.76	4.0	7.8	7.5	89.8		0.26	22.0		27.39	15.75	19.95
24.0	1139	1.0			0.61	3.5	7.9	7.6	91.0		0.06	7.4	1.1	27.71	16.03	20.15
24.0	1139	2.0	3.2	0.77	0.69	3.7	7.9	7.6	91.0	8.2	0.06	7.4		27.72	15.56	20.25
24.0	1139	3.0			0.78	4.1	7.9	7.6	90.5		0.07	8.5		27.73	15.49	20.27
24.0	1139	4.0			0.79	4.1	7.9	7.6	89.9		0.14	13.0		27.76	15.44	20.31
24.0	1139	5.0			0.78	4.0	7.9	7.6	90.0		0.17	15.4		27.80	15.42	20.34
24.0	1139	6.0			0.77	4.0	7.9	7.6	89.9		0.21	18.1		27.82	15.41	20.36
24.0	1139	7.0			0.75	3.9	7.9	7.6	90.0		0.26	21.6		27.83	15.40	20.37
24.0	1139	8.0			0.73	3.9	7.9	7.6	90.2		0.30	24.6		27.84	15.40	20.38
24.0	1139	9.0			0.77	4.0	7.9	7.6	89.8		0.32	26.5		27.84	15.40	20.38
24.0	1139	10.0	4.5	0.51	0.78	4.1	7.9	7.6	89.9		0.36	28.8		27.83	15.40	20.37

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
23.0	1157	1.0			0.79	4.1		7.7	7.4	89.3	0.09	9.9	1.2	27.50	16.23	19.94
23.0	1157	2.0			0.88	4.4		7.7	7.4	88.9	0.10	10.7		27.61	15.73	20.13
23.0	1157	3.0			0.93	4.6		7.7	7.4	88.4	0.12	11.6		27.72	15.57	20.25
23.0	1157	4.0			0.92	4.5		7.7	7.4	88.1	0.14	13.4		27.76	15.51	20.30
23.0	1157	5.0			0.88	4.4		7.7	7.4	88.0	0.15	14.2		27.80	15.47	20.33
23.0	1157	6.0			0.83	4.2		7.6	7.4	87.5	0.17	15.2		27.84	15.44	20.37
23.0	1157	7.0			0.78	4.0		7.6	7.4	87.4	0.17	15.6		27.95	15.36	20.47
23.0	1157	8.0			0.74	3.9		7.7	7.4	87.6	0.18	16.5		28.04	15.29	20.56
23.0	1157	9.0			0.73	3.9		7.7	7.4	87.7	0.23	19.6		28.11	15.25	20.62
23.0	1157	10.0			0.75	4.0		7.7	7.4	87.8	0.32	26.2		28.16	15.23	20.66
23.0	1157	11.0			0.77	4.0		7.7	7.4	87.8	0.31	25.7		28.15	15.23	20.65
23.0	1157	12.0			0.79	4.1		7.7	7.4	87.8	0.32	26.3		28.15	15.23	20.65
23.0	1157	13.0			0.82	4.2		7.7	7.4	88.1	0.39	31.0		28.17	15.22	20.67
23.0	1157	14.0			0.79	4.1		7.7	7.4	88.0	0.48	37.7		28.17	15.22	20.67
23.0	1157	15.0			0.79	4.1		7.7	7.4	87.9	0.55	42.2		28.17	15.22	20.67
22.0	1219	1.0			0.63	3.5		7.8	7.5	90.0	0.05	6.9	0.9	28.31	15.59	20.70
22.0	1219	2.0			0.70	3.8		7.9	7.6	90.2	0.05	7.1		28.44	15.21	20.88
22.0	1219	3.0			0.72	3.8		7.8	7.6	89.7	0.04	6.5		28.49	15.18	20.93
22.0	1219	4.0			0.67	3.7		7.8	7.5	89.1	0.04	6.5		28.61	15.05	21.04
22.0	1219	5.0			0.62	3.5		7.8	7.5	88.4	0.05	7.0		28.67	14.96	21.10
22.0	1219	6.0			0.63	3.5		7.7	7.4	87.7	0.08	9.1		28.73	14.84	21.17
22.0	1219	7.0			0.66	3.6		7.7	7.4	87.1	0.12	12.2		28.75	14.78	21.21
22.0	1219	8.0			0.67	3.7		7.7	7.4	87.0	0.13	12.7		28.77	14.74	21.23
22.0	1219	9.0			0.66	3.6		7.6	7.4	86.8	0.17	15.4		28.80	14.70	21.26
22.0	1219	10.0			0.65	3.6		7.6	7.4	86.7	0.18	16.3		28.80	14.69	21.26
22.0	1219	11.0			0.65	3.6		7.6	7.4	86.7	0.20	17.6		28.82	14.67	21.28
22.0	1219	12.0			0.63	3.5		7.6	7.4	86.7	0.23	19.6		28.82	14.66	21.29
22.0	1219	13.0			0.64	3.6		7.6	7.4	86.7	0.24	20.5		28.83	14.65	21.29
22.0	1219	14.0			0.68	3.7		7.6	7.4	86.7	0.24	20.6		28.83	14.65	21.29
22.0	1219	15.0			0.71	3.8		7.6	7.4	86.7	0.25	21.2		28.83	14.65	21.29
22.0	1219	16.0			0.72	3.8		7.6	7.3	86.5	0.26	21.8		28.83	14.64	21.30
22.0	1219	17.0			0.72	3.8		7.7	7.4	86.8	0.26	22.3		28.83	14.64	21.30

South San Francisco Bay

April 15, 1994

94105

STN	TIME	DEPTH	DISCR		CHL a/ a+PHA	FLUOR	CALC	DISCR	OXYG	CALC	% OXY	DISCR		CALC	EXCOF	SALIN	TEMP	SIGT
			CHL a	OXYG								SPM	OBS					
21.0	1238	1.0				0.66	3.6		7.8	7.5	89.8		0.11	11.2	1.3	28.71	15.27	21.07
21.0	1238	2.0	4.5	0.73		0.67	3.7	7.1	7.8	7.5	89.5	10.6	0.10	10.6		28.73	15.21	21.10
21.0	1238	3.0				0.71	3.8		7.7	7.4	88.2		0.11	11.0		28.74	15.16	21.12
21.0	1238	4.0				0.76	4.0		7.6	7.4	87.3		0.12	12.0		28.81	14.97	21.21
21.0	1238	5.0				0.79	4.1		7.6	7.4	87.0		0.15	14.2		28.86	14.83	21.28
21.0	1238	6.0				0.80	4.1		7.6	7.4	86.9		0.21	18.2		28.87	14.81	21.29
21.0	1238	7.0				0.81	4.1		7.6	7.3	86.6		0.27	22.8		28.87	14.79	21.30
21.0	1238	8.0				0.81	4.1		7.6	7.3	86.6		0.28	23.3		28.89	14.76	21.32
21.0	1238	9.0				0.82	4.2		7.6	7.4	86.8		0.30	25.0		28.89	14.76	21.32
21.0	1238	10.0				0.84	4.3		7.6	7.4	86.8		0.33	26.7		28.88	14.76	21.31
21.0	1238	11.0				0.86	4.3		7.6	7.3	86.7		0.33	27.1		28.88	14.77	21.31
21.0	1238	12.0				0.89	4.4		7.6	7.4	86.9		0.38	30.5		28.88	14.77	21.30
21.0	1238	13.0				0.89	4.4		7.6	7.4	86.9		0.42	33.5		28.88	14.78	21.30
21.0	1238	14.0				0.88	4.4		7.6	7.3	86.8		0.47	37.2		28.87	14.78	21.30
21.0	1238	15.0				0.90	4.5		7.6	7.4	86.9		0.49	38.5		28.88	14.78	21.30
21.0	1238	16.0				0.94	4.6		7.6	7.4	86.9		0.50	38.7		28.88	14.78	21.30
21.0	1238	17.0				0.93	4.6		7.6	7.3	86.7		0.58	44.9		28.87	14.79	21.30
21.0	1238	18.0	5.2	0.48		0.91	4.5		7.7	7.4	87.1		0.64	49.1		28.87	14.79	21.30

Std. Err.

Inter.

Slope

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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	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
36.0	0639	1.0			0.72	4.0		6.6	6.7	81.5		39.2	2.7	24.68	17.78	17.44
36.0	0639	2.0	3.0	0.53	0.72	3.9	6.8	6.7	6.7	82.5	38.8	39.2		24.66	17.77	17.43
36.0	0639	3.0			0.73	4.0		6.7	6.7	82.5		38.4		24.77	17.86	17.49
36.0	0639	4.0			0.73	4.0		6.7	6.7	82.2		37.9		24.88	17.91	17.56
36.0	0639	5.0			0.73	4.0		6.7	6.7	82.5		39.4		24.90	17.90	17.58
36.0	0639	6.0			0.73	4.0		6.7	6.7	82.6		42.0		24.90	17.90	17.58
36.0	0639	7.0			0.74	4.1		6.7	6.7	82.5		43.3		24.90	17.90	17.58
36.0	0639	8.0			0.74	4.1		6.7	6.7	82.4		43.5		24.90	17.90	17.57
36.0	0639	9.0	3.0	0.34	0.74	4.1		6.7	6.7	82.2		44.5		24.90	17.91	17.58
35.0	0652	1.0			1.52	8.9		6.6	6.6	82.6		34.2	2.9	25.47	18.33	17.91
35.0	0652	2.0			1.53	9.0		6.6	6.6	82.4		35.4		25.47	18.35	17.91
35.0	0652	3.0			1.55	9.0		6.6	6.7	82.6		35.9		25.49	18.33	17.93
35.0	0652	4.0			1.52	8.9		6.7	6.7	83.3		35.5		25.51	18.32	17.94
35.0	0652	5.0			1.49	8.7		6.7	6.7	83.6		35.9		25.51	18.32	17.95
35.0	0652	6.0			1.49	8.7		6.7	6.7	83.8		36.6		25.52	18.32	17.96
35.0	0652	7.0			1.49	8.7		6.7	6.8	84.1		39.0		25.52	18.32	17.96
35.0	0652	8.0			1.45	8.4		6.7	6.8	83.9		38.1		25.53	18.31	17.96
35.0	0652	9.0			1.44	8.3		6.7	6.8	83.9		38.6		25.54	18.29	17.98
34.0	0701	1.0			1.48	8.6		6.8	6.9	86.1		40.4	3.5	25.85	18.34	18.21
34.0	0701	2.0			1.49	8.7		6.8	6.9	86.2		39.5		25.85	18.33	18.21
34.0	0701	3.0			1.47	8.5		6.8	6.9	86.3		37.7		25.85	18.33	18.21
34.0	0701	4.0			1.44	8.4		6.8	6.9	86.1		38.5		25.85	18.34	18.20
34.0	0701	5.0			1.43	8.3		6.8	6.9	86.0		39.3		25.86	18.34	18.21
34.0	0701	6.0			1.45	8.4		6.9	6.9	86.4		43.1		25.86	18.34	18.21
34.0	0701	7.0			1.47	8.6		6.8	6.9	86.0		43.2		25.86	18.34	18.21
34.0	0701	8.0			1.45	8.5		6.8	6.9	85.8		45.9		25.85	18.33	18.20
33.0	0718	1.0			1.40	8.1		7.2	7.4	92.0		24.2	2.4	26.07	18.23	18.39
33.0	0718	2.0			1.39	8.1		7.2	7.4	92.1		24.0		26.07	18.23	18.39
33.0	0718	3.0			1.42	8.3		7.2	7.4	92.0		23.8		26.07	18.23	18.39
33.0	0718	4.0			1.49	8.7		7.3	7.4	92.4		23.8		26.07	18.23	18.39

South San Francisco Bay

April 19, 1994

94109

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
33.0	0718	5.0			1.58	9.2		7.3	7.4	92.5	0.33	23.6		26.07	18.23	18.39
33.0	0718	6.0			1.62	9.5		7.3	7.4	92.6	0.32	23.3		26.08	18.23	18.40
33.0	0718	7.0			1.60	9.4		7.3	7.5	92.7	0.33	23.4		26.08	18.23	18.40
33.0	0718	8.0			1.56	9.1		7.3	7.5	92.7	0.33	23.5		26.08	18.22	18.40
33.0	0718	9.0			1.51	8.8		7.3	7.5	92.9	0.34	24.2		26.08	18.22	18.41
33.0	0718	10.0			1.54	9.0		7.3	7.5	92.9	0.39	26.5		26.09	18.22	18.41
33.0	0718	11.0			1.61	9.4		7.3	7.4	92.6	0.43	28.5		26.10	18.22	18.42
33.0	0718	12.0			1.65	9.6		7.2	7.4	92.0	0.52	32.9		26.14	18.17	18.46
33.0	0718	13.0			1.69	9.9		7.2	7.4	91.6	0.79	46.8		26.15	18.16	18.47
33.0	0718	14.0			1.70	10.0		7.2	7.4	92.1	1.07	60.5		26.14	18.16	18.47
32.0	0726	1.0			1.56	9.1		7.4	7.6	94.2	0.24	18.9	2.0	26.14	18.34	18.42
32.0	0726	2.0	9.2	0.78	1.55	9.1	7.5	7.4	7.6	94.2	0.22	18.1		26.14	18.34	18.42
32.0	0726	3.0			1.57	9.2		7.4	7.6	94.2	0.22	18.0		26.14	18.34	18.42
32.0	0726	4.0			1.64	9.6		7.4	7.6	94.4	0.23	18.6		26.14	18.34	18.42
32.0	0726	5.0			1.70	10.0		7.4	7.6	94.5	0.23	18.5		26.14	18.34	18.42
32.0	0726	6.0			1.69	9.9		7.4	7.6	94.4	0.22	18.3		26.14	18.34	18.42
32.0	0726	7.0			1.67	9.8		7.4	7.6	94.6	0.24	18.9		26.14	18.33	18.42
32.0	0726	8.0			1.66	9.7		7.4	7.6	94.6	0.26	19.9		26.14	18.32	18.42
32.0	0726	9.0			1.60	9.3		7.4	7.6	94.7	0.27	20.5		26.14	18.32	18.42
32.0	0726	10.0			1.57	9.2		7.4	7.6	94.4	0.27	20.6		26.14	18.32	18.43
32.0	0726	11.0			1.58	9.3		7.4	7.6	94.3	0.27	20.5		26.14	18.29	18.44
32.0	0726	12.0			1.60	9.4		7.4	7.6	94.4	0.29	21.9		26.17	18.21	18.47
32.0	0726	13.0	9.7	0.77	1.62	9.5		7.4	7.6	94.9	0.35	24.4		26.18	18.11	18.51
31.0	0738	1.0			1.06	6.0		7.3	7.5	93.3	0.17	15.8	1.8	26.19	17.96	18.55
31.0	0738	2.0			1.04	5.9		7.4	7.5	93.4	0.17	15.4		26.19	17.96	18.55
31.0	0738	3.0			1.06	6.0		7.4	7.6	93.6	0.16	15.1		26.19	17.96	18.55
31.0	0738	4.0			1.06	6.0		7.4	7.6	93.8	0.16	15.2		26.19	17.96	18.55
31.0	0738	5.0			1.05	6.0		7.4	7.6	93.7	0.17	15.4		26.19	17.96	18.55
31.0	0738	6.0			1.05	6.0		7.4	7.6	93.8	0.17	15.4		26.19	17.96	18.55
31.0	0738	7.0			1.07	6.1		7.4	7.6	93.9	0.17	15.5		26.19	17.96	18.55
31.0	0738	8.0			1.09	6.2		7.4	7.6	93.9	0.17	15.6		26.19	17.97	18.55

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR CHL a	DISCR CHL a	CALC CHL a	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SGT
31.0	0738	9.0			1.06	6.0			7.4	7.6	94.0	0.17	15.4		26.19	17.97	18.55
31.0	0738	10.0			1.02	5.8			7.4	7.6	94.3	0.16	15.3		26.20	17.97	18.55
31.0	0738	11.0			1.05	6.0			7.4	7.6	94.6	0.16	15.1		26.20	17.95	18.56
31.0	0738	12.0			1.06	6.0			7.4	7.7	94.7	0.16	15.2		26.21	17.94	18.57
31.0	0738	13.0			1.06	6.0			7.5	7.7	94.8	0.16	15.1		26.21	17.94	18.57
31.0	0738	14.0			1.06	6.1			7.4	7.6	93.8	0.17	15.6		26.21	17.92	18.57
30.0	0757	1.0			0.77	4.3			7.3	7.5	91.9	0.18	15.9	1.8	26.28	17.36	18.75
30.0	0757	2.0	4.4	0.71	0.78	4.3	7.5		7.3	7.5	92.1	0.18	15.9		26.28	17.36	18.75
30.0	0757	3.0			0.80	4.5			7.3	7.5	92.2	0.18	16.1		26.28	17.36	18.75
30.0	0757	4.0			0.81	4.5			7.3	7.5	92.1	0.18	15.9		26.28	17.36	18.75
30.0	0757	5.0			0.80	4.5			7.4	7.5	92.3	0.18	16.2		26.28	17.36	18.76
30.0	0757	6.0			0.82	4.6			7.4	7.5	92.4	0.19	16.8		26.28	17.36	18.76
30.0	0757	7.0			0.84	4.7			7.4	7.5	92.4	0.20	17.1		26.28	17.35	18.76
30.0	0757	8.0			0.87	4.9			7.4	7.5	92.4	0.20	17.3		26.29	17.35	18.76
30.0	0757	9.0			0.87	4.9			7.3	7.5	92.2	0.21	17.7		26.30	17.32	18.78
30.0	0757	10.0			0.85	4.7			7.3	7.5	91.7	0.23	18.8		26.33	17.29	18.81
30.0	0757	11.0			0.83	4.6			7.3	7.5	91.4	0.27	20.7		26.34	17.28	18.82
30.0	0757	12.0			0.80	4.4			7.3	7.4	91.1	0.32	23.0		26.34	17.28	18.82
30.0	0757	13.0	3.8	0.63	0.80	4.4			7.3	7.5	91.2	0.38	26.0		26.34	17.28	18.82
29.5	0858	1.0			0.76	4.2			7.3	7.5	91.0	0.17	15.6	1.5	26.39	17.17	18.88
29.5	0858	2.0			0.75	4.1			7.3	7.5	90.9	0.17	15.4		26.39	17.17	18.88
29.5	0858	3.0			0.75	4.2			7.3	7.5	91.0	0.16	15.3		26.39	17.17	18.88
29.5	0858	4.0			0.75	4.1			7.3	7.4	90.8	0.16	15.2		26.39	17.17	18.88
29.5	0858	5.0			0.76	4.2			7.3	7.5	91.0	0.17	15.4		26.39	17.16	18.89
29.5	0858	6.0			0.78	4.3			7.3	7.5	90.9	0.17	15.4		26.39	17.15	18.89
29.5	0858	7.0			0.77	4.3			7.3	7.4	90.8	0.17	15.6		26.40	17.14	18.90
29.5	0858	8.0			0.76	4.2			7.3	7.4	90.7	0.17	15.6		26.40	17.13	18.90
29.5	0858	9.0			0.74	4.1			7.3	7.4	90.7	0.17	15.7		26.41	17.10	18.91
29.5	0858	10.0			0.72	4.0			7.2	7.4	90.2	0.19	16.5		26.41	17.10	18.92
29.5	0858	11.0			0.73	4.0			7.3	7.4	90.5	0.24	19.1		26.42	17.08	18.92
29.5	0858	12.0			0.73	4.0			7.3	7.4	90.4	0.28	20.9		26.42	17.09	18.92

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STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CHL a	OXYG	OXYG	% OXY	DISCR	OBS	CALC	EXCOF	SALIN	TEMP	SIGT
29.5	0858	13.0			0.74	4.1			7.2	7.4	90.3		0.30	22.0		26.42	17.09	18.93
29.5	0858	14.0			0.76	4.2			7.2	7.4	90.2		0.38	26.2		26.43	17.09	18.93
29.5	0858	15.0			0.77	4.2			7.2	7.4	90.4		0.51	32.8		26.43	17.09	18.93
29.5	0858	16.0			0.79	4.4			7.2	7.4	90.1		0.55	34.8		26.43	17.09	18.93
29.5	0858	17.0			0.80	4.5			7.2	7.4	89.8		0.66	40.0		26.44	17.10	18.93
29.0	0909	1.0			0.71	3.9			7.2	7.4	90.2		0.10	12.3	1.1	26.54	17.08	19.02
29.0	0909	2.0			0.71	3.9			7.2	7.4	90.4	10.7	0.10	12.0		26.54	17.07	19.02
29.0	0909	3.0			0.72	3.9			7.3	7.4	90.4		0.10	12.0		26.55	17.06	19.02
29.0	0909	4.0			0.71	3.9			7.2	7.4	90.3		0.10	12.1		26.54	17.07	19.02
29.0	0909	5.0			0.69	3.8			7.2	7.4	90.0		0.10	11.9		26.56	17.05	19.04
29.0	0909	6.0			0.67	3.6			7.3	7.4	90.4		0.09	11.5		26.58	17.02	19.06
29.0	0909	7.0			0.66	3.6			7.3	7.4	90.5		0.09	11.4		26.60	17.02	19.07
29.0	0909	8.0			0.67	3.6			7.3	7.4	90.8		0.09	11.5		26.60	17.02	19.08
29.0	0909	9.0			0.69	3.8			7.3	7.5	91.7		0.09	11.8		26.60	17.02	19.08
29.0	0909	10.0			0.78	4.3			7.5	7.8	94.9		0.10	12.2		26.63	17.09	19.09
29.0	0909	11.0			0.93	5.2			7.4	7.6	93.9		0.15	14.7		26.92	17.53	19.20
29.0	0909	12.0			1.06	6.0			7.3	7.5	92.7		0.36	25.2		27.05	17.69	19.27
29.0	0909	13.0			1.14	6.6			7.3	7.4	92.1		0.48	31.2		27.08	17.72	19.28
29.0	0909	14.0			1.23	7.1			7.2	7.4	91.8		0.58	36.2		27.10	17.73	19.30
29.0	0909	15.0			1.23	7.1			7.2	7.4	91.3		0.77	45.6		27.11	17.74	19.30
28.0	0924	1.0			0.78	4.3			7.5	7.7	93.8		0.09	11.5	1.3	26.77	17.10	19.19
28.0	0924	2.0			0.77	4.3			7.5	7.7	93.8		0.09	11.4		26.77	17.10	19.18
28.0	0924	3.0			0.75	4.2			7.5	7.7	93.8		0.09	11.4		26.76	17.10	19.18
28.0	0924	4.0			0.76	4.2			7.5	7.7	93.9		0.09	11.4		26.77	17.10	19.18
28.0	0924	5.0			0.80	4.4			7.5	7.7	94.3		0.09	11.5		26.79	17.12	19.20
28.0	0924	6.0			0.81	4.5			7.5	7.8	95.1		0.09	11.5		26.84	17.18	19.23
28.0	0924	7.0			0.79	4.4			7.5	7.7	94.9		0.09	11.6		27.02	17.31	19.33
28.0	0924	8.0			0.80	4.4			7.5	7.7	95.0		0.10	11.9		27.11	17.30	19.40
28.0	0924	9.0			0.80	4.4			7.5	7.7	95.1		0.10	12.4		27.14	17.29	19.43
28.0	0924	10.0			0.79	4.4			7.5	7.8	95.3		0.11	12.8		27.16	17.27	19.44
28.0	0924	11.0			0.83	4.6			7.5	7.8	95.3		0.13	13.8		27.17	17.26	19.46

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
28.0	0924	12.0			0.89	5.0		7.6	7.8	95.7	0.19	16.8		27.21	17.23	19.50
28.0	0924	13.0			0.93	5.3		7.6	7.8	95.9	0.32	23.0		27.22	17.22	19.50
28.0	0924	14.0			0.96	5.5		7.6	7.8	96.2	0.37	25.4		27.23	17.21	19.51
28.0	0924	15.0			0.96	5.4		7.6	7.8	96.2	0.57	35.8		27.23	17.20	19.52
27.0	0936	1.0			0.70	3.8		7.5	7.7	93.8	0.08	11.1	1.1	26.87	17.02	19.28
27.0	0936	2.0	3.8	0.74	0.70	3.9	7.7	7.5	7.7	94.1	0.08	10.9		26.87	17.02	19.28
27.0	0936	3.0			0.70	3.8		7.5	7.7	94.0	0.08	11.0		26.87	17.03	19.28
27.0	0936	4.0			0.70	3.8		7.5	7.8	94.8	0.08	11.0		26.88	17.04	19.28
27.0	0936	5.0			0.70	3.8		7.5	7.7	94.7	0.08	11.0		27.04	17.14	19.39
27.0	0936	6.0			0.69	3.8		7.5	7.7	94.7	0.13	13.8		27.02	17.13	19.37
27.0	0936	7.0			0.69	3.8		7.5	7.7	94.4	0.21	17.5		27.07	17.15	19.41
27.0	0936	8.0			0.73	4.0		7.5	7.7	94.4	0.24	19.1		27.09	17.13	19.43
27.0	0936	9.0			0.75	4.1		7.5	7.7	94.6	0.26	20.2		27.10	17.12	19.43
27.0	0936	10.0			0.75	4.1		7.5	7.7	94.8	0.25	19.8		27.10	17.12	19.43
27.0	0936	11.0			0.77	4.2		7.5	7.7	94.7	0.27	20.5		27.09	17.13	19.43
27.0	0936	12.0	4.0	0.54	0.77	4.3		7.5	7.7	94.0	0.39	26.6		27.09	17.14	19.42
26.0	0949	1.0			0.70	3.9		7.7	7.9	96.8	0.09	11.7	1.2	27.18	16.86	19.55
26.0	0949	2.0			0.72	3.9		7.7	8.0	97.1	0.09	11.6		27.18	16.86	19.55
26.0	0949	3.0			0.72	4.0		7.7	8.0	97.0	0.09	11.6		27.18	16.86	19.55
26.0	0949	4.0			0.71	3.9		7.7	8.0	97.0	0.09	11.6		27.18	16.86	19.55
26.0	0949	5.0			0.72	4.0		7.7	7.9	96.8	0.09	11.6		27.18	16.86	19.55
26.0	0949	6.0			0.71	3.9		7.6	7.9	96.0	0.09	11.5		27.19	16.85	19.57
26.0	0949	7.0			0.68	3.7		7.6	7.8	95.2	0.10	12.1		27.30	16.77	19.67
26.0	0949	8.0			0.63	3.4		7.6	7.8	95.3	0.12	13.0		27.42	16.67	19.78
26.0	0949	9.0			0.61	3.3		7.6	7.9	95.8	0.13	13.4		27.50	16.60	19.85
26.0	0949	10.0			0.62	3.4		7.7	7.9	96.2	0.13	13.7		27.54	16.56	19.90
26.0	0949	11.0			0.63	3.4		7.7	7.9	96.2	0.16	14.9		27.54	16.55	19.90
25.0	1005	1.0			0.63	3.4		7.9	8.3	99.9	0.10	12.1	1.1	27.78	16.29	20.14
25.0	1005	2.0			0.63	3.4		7.9	8.2	99.6	0.09	11.7		27.78	16.29	20.14
25.0	1005	3.0			0.65	3.5		7.9	8.2	98.8	0.09	11.7		27.81	16.24	20.18

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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
25.0	1005	4.0			0.65	3.6		7.9	8.2	98.6		0.10	12.2		27.88	16.15	20.25
25.0	1005	5.0			0.65	3.5		7.9	8.2	98.4		0.13	13.6		27.89	16.13	20.26
25.0	1005	6.0			0.67	3.7		7.9	8.2	98.4		0.16	15.2		27.91	16.11	20.28
25.0	1005	7.0			0.68	3.7		7.8	8.1	98.2		0.19	16.5		27.92	16.10	20.29
25.0	1005	8.0			0.67	3.6		7.9	8.1	98.2		0.22	18.1		27.92	16.09	20.29
25.0	1005	9.0			0.66	3.6		7.9	8.2	98.4		0.28	21.1		27.93	16.09	20.30
24.0	1019	1.0			0.51	2.7		7.8	8.0	96.2		0.08	11.3	0.7	28.40	15.50	20.79
24.0	1019	2.0	3.1	0.68	0.50	2.6	8.1	7.8	8.0	96.2	10.4	0.07	10.6		28.40	15.51	20.78
24.0	1019	3.0			0.52	2.7		7.8	8.0	95.9		0.07	10.6		28.41	15.49	20.79
24.0	1019	4.0			0.53	2.8		7.8	8.0	95.8		0.08	11.1		28.42	15.48	20.80
24.0	1019	5.0			0.52	2.8		7.8	8.0	95.8		0.09	11.6		28.43	15.46	20.82
24.0	1019	6.0			0.54	2.9		7.8	8.0	95.8		0.10	12.2		28.43	15.44	20.82
24.0	1019	7.0			0.55	2.9		7.8	8.0	95.9		0.12	12.9		28.44	15.44	20.83
24.0	1019	8.0			0.55	2.9		7.8	8.0	96.0		0.13	13.4		28.43	15.44	20.83
24.0	1019	9.0			0.57	3.1		7.8	8.1	96.3		0.13	13.4		28.44	15.44	20.83
24.0	1019	10.0			0.57	3.1		7.8	8.1	96.2		0.13	13.6		28.44	15.44	20.83
24.0	1019	11.0	3.3	0.58	0.57	3.1		7.8	8.1	96.1		0.15	14.6		28.44	15.44	20.83
23.0	1032	1.0			0.54	2.8		7.8	8.1	97.1		0.06	10.3	0.7	28.53	15.40	20.91
23.0	1032	2.0			0.56	2.9		7.8	8.1	97.1		0.07	10.4		28.53	15.40	20.91
23.0	1032	3.0			0.57	3.0		7.8	8.1	97.0		0.06	10.3		28.53	15.40	20.91
23.0	1032	4.0			0.60	3.2		7.8	8.1	96.9		0.06	10.4		28.53	15.38	20.91
23.0	1032	5.0			0.61	3.3		7.8	8.1	96.7		0.07	10.6		28.53	15.35	20.92
23.0	1032	6.0			0.61	3.3		7.8	8.1	96.3		0.07	10.7		28.53	15.35	20.92
23.0	1032	7.0			0.63	3.4		7.8	8.1	96.4		0.09	11.5		28.55	15.30	20.95
23.0	1032	8.0			0.62	3.4		7.8	8.1	96.3		0.11	12.7		28.55	15.29	20.95
23.0	1032	9.0			0.62	3.3		7.8	8.1	96.1		0.14	13.9		28.56	15.28	20.95
23.0	1032	10.0			0.64	3.5		7.8	8.1	96.2		0.15	14.8		28.57	15.27	20.96
23.0	1032	11.0			0.66	3.6		7.8	8.1	96.1		0.17	15.7		28.57	15.27	20.96
23.0	1032	12.0			0.66	3.6		7.8	8.1	96.1		0.18	16.0		28.57	15.27	20.96
23.0	1032	13.0			0.68	3.7		7.8	8.1	96.1		0.19	16.6		28.57	15.26	20.97
23.0	1032	14.0			0.70	3.8		7.8	8.1	96.1		0.20	17.4		28.57	15.26	20.97

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	1032	15.0			0.70	3.8		7.8	8.1	96.2	0.21	17.8		28.58	15.25	20.97
23.0	1032	16.0			0.69	3.8		7.8	8.1	96.0	0.23	18.8		28.58	15.25	20.98
22.0	1048	1.0			0.60	3.2		8.0	8.3	99.6	0.02	8.0	0.5	28.45	15.50	20.83
22.0	1048	2.0			0.62	3.4		8.0	8.3	99.5	0.02	8.0		28.45	15.50	20.83
22.0	1048	3.0			0.61	3.3		7.9	8.2	97.5	0.01	7.9		28.45	15.51	20.82
22.0	1048	4.0			0.61	3.3		7.8	8.1	96.0	0.01	7.8		28.58	15.32	20.96
22.0	1048	5.0			0.59	3.2		7.8	8.0	95.3	0.02	8.1		28.72	15.14	21.10
22.0	1048	6.0			0.58	3.1		7.7	8.0	94.9	0.05	9.4		28.76	15.09	21.15
22.0	1048	7.0			0.59	3.2		7.7	8.0	94.5	0.09	11.8		28.79	15.07	21.17
22.0	1048	8.0			0.61	3.3		7.7	7.9	93.9	0.12	13.0		28.81	15.05	21.19
22.0	1048	9.0			0.62	3.4		7.7	7.9	93.8	0.16	15.0		28.85	15.01	21.24
22.0	1048	10.0			0.64	3.4		7.6	7.9	93.4	0.19	16.6		28.87	15.00	21.25
22.0	1048	11.0			0.66	3.6		7.6	7.8	92.9	0.21	17.4		28.90	14.96	21.28
22.0	1048	12.0			0.71	3.9		7.6	7.9	93.1	0.26	20.2		28.98	14.88	21.36
22.0	1048	13.0			0.73	4.0		7.6	7.8	92.8	0.29	21.9		28.97	14.88	21.36
22.0	1048	14.0			0.71	3.9		7.6	7.8	92.6	0.30	22.0		28.98	14.87	21.37
22.0	1048	15.0			0.71	3.9		7.6	7.8	92.6	0.37	25.7		29.02	14.83	21.40
22.0	1048	16.0			0.72	4.0		7.6	7.8	92.5	0.39	26.6		29.02	14.83	21.40
22.0	1048	17.0			0.74	4.1		7.6	7.8	92.6	0.42	28.2		29.02	14.83	21.41
22.0	1048	18.0			0.74	4.1		7.6	7.8	92.4	0.43	28.4		29.03	14.82	21.42
22.0	1048	19.0			0.74	4.1		7.6	7.8	92.6	0.52	33.1		29.05	14.80	21.43
21.0	1100	1.0			0.60	3.2		8.0	8.3	98.9	0.02	7.9	0.8	28.60	15.50	20.94
21.0	1100	2.0	4.4	0.81	0.62	3.3	8.2	7.9	8.2	98.4	0.01	7.8		28.61	15.49	20.94
21.0	1100	3.0			0.67	3.6		7.9	8.2	97.5	0.04	9.3		28.62	15.44	20.97
21.0	1100	4.0			0.71	3.9		7.8	8.0	96.0	0.01	7.7		28.66	15.35	21.02
21.0	1100	5.0			0.69	3.8		7.7	7.9	94.6	0.02	8.0		28.74	15.21	21.11
21.0	1100	6.0			0.65	3.5		7.7	7.9	94.0	0.06	10.3		28.85	15.07	21.22
21.0	1100	7.0			0.66	3.6		7.6	7.9	93.6	0.10	11.9		28.88	15.04	21.25
21.0	1100	8.0			0.69	3.8		7.6	7.9	93.4	0.14	14.4		28.93	14.98	21.31
21.0	1100	9.0			0.68	3.7		7.6	7.8	92.9	0.17	15.8		28.96	14.96	21.33
21.0	1100	10.0			0.67	3.7		7.6	7.8	92.9	0.19	16.7		29.04	14.88	21.41

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STN	TIME	DEPTH	DISC CHL a/ CHL a +PHA	FLUOR	CALC CHL a	DISC OXYG	CALC OXYG	% OXY SAT	DISC SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
21.0	1100	11.0		0.72	3.9		7.6	7.8	92.8	0.21	17.6		29.07	14.86	21.43
21.0	1100	12.0		0.72	4.0		7.6	7.8	92.4	0.23	18.5		29.09	14.83	21.46
21.0	1100	13.0		0.71	3.9		7.6	7.8	92.2	0.24	19.2		29.13	14.79	21.50
21.0	1100	14.0		0.74	4.1		7.6	7.8	92.3	0.26	20.1		29.18	14.74	21.54
21.0	1100	15.0		0.76	4.2		7.6	7.8	92.2	0.29	21.5		29.19	14.73	21.56
21.0	1100	16.0		0.79	4.4		7.6	7.8	92.4	0.29	21.6		29.20	14.72	21.57
21.0	1100	17.0		0.80	4.5		7.6	7.8	92.4	0.31	22.8		29.22	14.70	21.58
21.0	1100	18.0	5.1	0.58	4.5		7.6	7.8	92.3	0.35	24.9		29.24	14.68	21.60

	n	r ²	Slope	Inter.	Std. Err.
Fluorometer Calibration:	12	0.921	6.130	-0.456	0.674
OBS Calibration:	5	0.993	50.025	7.114	1.138
Dissolved Oxygen Calibration:	6	0.995	1.208	-1.344	0.039

SeaBird v4.026

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	OXYG	CALC	% OXY	DISCR	OBS	SPM	CALC	EXCOF	SALIN	TEMP	SIGT
657.0	2009	1.0			0.50	2.5						0.10	10.6			0.10	18.50	0.00
657.0	2009	2.0	2.6	0.63	0.51	2.5	8.9				11.6	0.10	10.8			0.10	18.49	0.00
657.0	2009	3.0			0.50	2.5						0.10	10.8			0.10	18.49	0.00
657.0	2009	4.0			0.51	2.5						0.10	10.7			0.10	18.50	0.00
657.0	2009	5.0			0.51	2.6						0.10	11.1			0.10	18.51	0.00
657.0	2009	6.0			0.51	2.6						0.11	11.6			0.10	18.51	0.00
657.0	2009	7.0			0.52	2.6						0.12	12.0			0.10	18.51	0.00
657.0	2009	8.0			0.51	2.6						0.12	11.9			0.10	18.51	0.00
657.0	2009	9.0			0.52	2.6						0.12	12.5			0.10	18.51	0.00
657.0	2009	10.0			0.55	2.8						0.13	13.1			0.10	18.52	0.00
657.0	2009	11.0	2.8	0.56	0.55	2.9						0.14	13.4			0.10	18.52	0.00
653.0	1944	1.0			0.61	3.3						0.17	16.2			0.11	18.00	0.00
653.0	1944	2.0			0.60	3.2					18.2	0.16	15.4			0.11	18.00	0.00
653.0	1944	3.0			0.60	3.3						0.16	15.4			0.11	18.02	0.00
653.0	1944	4.0			0.63	3.4						0.17	15.6			0.11	18.03	0.00
653.0	1944	5.0			0.65	3.6						0.16	15.5			0.11	18.03	0.00
653.0	1944	6.0			0.65	3.6						0.17	15.7			0.11	18.04	0.00
653.0	1944	7.0			0.65	3.6						0.17	16.0			0.11	18.04	0.00
653.0	1944	8.0			0.66	3.7						0.17	16.2			0.11	18.04	0.00
653.0	1944	9.0			0.68	3.8						0.19	17.1			0.12	18.04	0.00
653.0	1944	10.0			0.69	3.9						0.17	16.1			0.12	18.04	0.00
649.0	1917	1.0			0.71	4.0						0.48	39.3		3.1	0.17	17.68	0.00
649.0	1917	2.0	3.9	0.47	0.71	4.0	9.3					0.46	37.6			0.17	17.67	0.00
649.0	1917	3.0			0.73	4.1						0.48	39.0			0.17	17.68	0.00
649.0	1917	4.0			0.74	4.2						0.51	41.3			0.17	17.69	0.00
649.0	1917	5.0			0.74	4.3						0.51	41.4			0.18	17.69	0.00
649.0	1917	6.0			0.75	4.3						0.50	40.7			0.18	17.69	0.00
649.0	1917	7.0			0.76	4.4						0.52	41.6			0.17	17.69	0.00
649.0	1917	8.0			0.76	4.4						0.52	42.2			0.18	17.69	0.00
649.0	1917	9.0			0.76	4.4						0.54	43.2			0.18	17.69	0.00
649.0	1917	10.0			0.77	4.5						0.55	43.9			0.18	17.69	0.00

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STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	OXYG	CALC	% OXY	DISCR	OBS	SPM	CALC	EXCOF	SALIN	TEMP	SIGT
649.0	1917	11.0	5.1	0.64	0.76	4.4						0.47	38.4			0.18	17.69	0.00
2.0	1901	1.0			0.76	4.4						0.38	31.7	2.3		0.51	18.61	0.00
2.0	1901	2.0			0.76	4.4						0.38	31.6			0.51	18.60	0.00
2.0	1901	3.0			0.74	4.3						0.40	32.7			0.51	18.54	0.00
2.0	1901	4.0			0.77	4.4						0.39	32.6			0.52	18.54	0.00
2.0	1901	5.0			0.80	4.7						0.39	32.3			0.52	18.54	0.00
2.0	1901	6.0			0.79	4.6						0.42	34.4			0.52	18.37	0.00
2.0	1901	7.0			0.75	4.3						0.44	35.7			0.53	18.18	0.00
2.0	1901	8.0			0.72	4.1						0.43	35.4			0.54	18.08	0.00
2.0	1901	9.0			0.68	3.8						0.44	35.9			0.54	18.05	0.00
2.0	1901	10.0			0.67	3.8						0.46	37.2			0.55	18.12	0.00
3.0	1847	1.0			0.60	3.2						0.46	37.4	2.6		0.68	17.96	0.00
3.0	1847	2.0	3.1	0.65	0.60	3.2	9.3				30.6	0.41	34.1			0.69	17.98	0.00
3.0	1847	3.0			0.60	3.3						0.41	34.1			0.71	18.04	0.00
3.0	1847	4.0			0.62	3.4						0.43	35.0			0.74	18.08	0.00
3.0	1847	5.0			0.63	3.4						0.44	35.9			0.79	18.15	0.00
3.0	1847	6.0			0.61	3.3						0.45	37.0			0.86	18.19	0.00
3.0	1847	7.0			0.60	3.2						0.47	38.2			0.97	18.24	0.00
3.0	1847	8.0			0.57	3.0		8.7	9.0	96.3		0.48	39.0			1.07	18.26	0.00
3.0	1847	9.0			0.56	2.9		8.8	9.0	97.1		0.49	39.8			1.18	18.28	0.00
3.0	1847	10.0	2.5	0.52	0.56	2.9		8.8	9.0	96.7		0.53	42.4			1.23	18.28	0.00
4.0	1827	1.0			0.51	2.6		8.9	9.1	96.8		0.50	40.5	3.1		1.13	17.93	0.00
4.0	1827	2.0			0.51	2.6		8.9	9.1	96.5		0.46	37.6			1.13	17.91	0.00
4.0	1827	3.0			0.50	2.5		8.9	9.1	96.5		0.47	38.4			1.16	17.82	0.00
4.0	1827	4.0			0.49	2.4		8.9	9.1	96.6		0.53	42.6			1.18	17.78	0.00
4.0	1827	5.0			0.50	2.5		8.9	9.1	96.7		0.54	43.7			1.23	17.79	0.00
4.0	1827	6.0			0.52	2.6		9.0	9.1	96.8		0.56	45.1			1.28	17.82	0.00
4.0	1827	7.0			0.53	2.7		9.0	9.1	96.9		0.55	44.4			1.32	17.84	0.00
4.0	1827	8.0			0.51	2.5		9.0	9.1	96.9		0.57	45.6			1.33	17.84	0.00
4.0	1827	9.0			0.51	2.5		9.0	9.1	97.1		0.58	46.3			1.37	17.86	0.00

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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
4.0	1827	10.0			0.53	2.7		9.0	9.1	97.2		0.60	48.0		1.49	17.89	0.00
4.0	1827	11.0			0.55	2.8		9.0	9.1	97.4		0.75	58.8		1.61	17.93	0.00
4.0	1827	12.0			0.58	3.1		9.0	9.1	97.6		0.92	71.4		1.70	17.96	0.00
4.0	1827	13.0			0.63	3.5		9.0	9.1	98.0		1.15	88.8		1.84	18.00	0.00
4.0	1827	14.0			0.82	4.8		9.0	9.1	98.0		1.59	121.6		2.12	18.07	0.21
4.0	1827	15.0			0.86	5.1		8.9	9.1	97.9		3.25	244.7		2.26	18.11	0.31
5.0	1751	1.0			0.46	2.2		8.9	9.1	97.1		0.64	50.7	3.6	1.76	18.03	0.00
5.0	1751	2.0			0.47	2.2		8.9	9.1	97.1		0.62	49.0		1.76	18.03	0.00
5.0	1751	3.0			0.48	2.3		8.9	9.1	97.1		0.62	49.7		1.77	18.03	0.00
5.0	1751	4.0			0.49	2.4		8.9	9.1	97.1		0.65	52.0		1.77	18.03	0.00
5.0	1751	5.0			0.49	2.4		8.9	9.1	97.1		0.66	52.6		1.77	18.03	0.00
5.0	1751	6.0			0.49	2.4		8.9	9.1	97.1		0.69	54.5		1.78	18.02	0.00
5.0	1751	7.0			0.49	2.4		8.9	9.1	97.1		0.70	55.0		1.78	18.01	0.00
5.0	1751	8.0			0.49	2.4		8.9	9.1	97.1		0.71	56.1		1.79	18.01	0.00
5.0	1751	9.0			0.49	2.4		8.9	9.1	97.2		0.73	57.5		1.80	18.00	0.00
5.0	1751	10.0			0.49	2.4		8.9	9.1	97.4		0.75	58.7		1.80	18.00	0.00
5.0	1751	11.0			0.50	2.5		8.9	9.1	97.1		0.76	59.5		1.80	18.00	0.00
5.0	1751	12.0			0.50	2.5		8.9	9.1	97.2		0.76	59.8		1.80	18.00	0.00
6.0	1715	1.0			0.45	2.1		8.8	9.0	97.4		0.66	52.4	3.7	3.50	17.95	1.28
6.0	1715	2.0	1.4	0.44	0.46	2.2	9.1	8.8	9.0	97.3		0.63	50.4		3.51	17.95	1.29
6.0	1715	3.0			0.45	2.2		8.8	9.0	97.2		0.68	54.0		3.62	17.90	1.38
6.0	1715	4.0			0.46	2.2		8.8	9.0	97.3		0.74	58.2		3.70	17.89	1.45
6.0	1715	5.0			0.46	2.2		8.8	9.0	97.4		0.77	60.7		3.80	17.88	1.52
6.0	1715	6.0			0.46	2.2		8.8	9.0	97.4		0.78	61.2		3.89	17.88	1.60
6.0	1715	7.0			0.47	2.2		8.8	9.0	97.6		0.80	62.6		3.96	17.87	1.65
6.0	1715	8.0			0.46	2.2		8.8	9.0	97.7		0.80	62.6		4.12	17.86	1.77
6.0	1715	9.0			0.46	2.2		8.8	9.0	97.8		0.81	63.4		4.47	17.87	2.04
6.0	1715	10.0	1.4	0.35	0.46	2.2		8.8	9.0	97.9		0.84	65.5		4.69	17.87	2.21
7.0	1650	1.0			0.43	2.0		8.8	9.0	98.2		0.56	45.1	3.3	5.95	17.70	3.20
7.0	1650	2.0			0.43	2.0		8.8	9.0	98.2	45.3	0.51	41.5		5.94	17.71	3.19

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STN	TIME	DEPTH	DISCR		CHL a/	CALC		DISCR		CALC		% OXY	DISCR		OBS	CALC		EXCOF	SALIN	TEMP	SIGT
			CHL a	CHL a		CHL a	OXYG	OXYG	OXYG	SAT	SPM		SPM	SPM							
7.0	1650	3.0			0.43	1.9	8.7	9.0	98.0			0.52	41.7			5.96	17.69	3.21			
7.0	1650	4.0			0.44	2.0	8.7	9.0	98.1			0.52	42.2			6.03	17.64	3.27			
7.0	1650	5.0			0.45	2.1	8.8	9.0	98.2			0.56	45.1			6.13	17.64	3.35			
7.0	1650	6.0			0.46	2.2	8.8	9.0	98.4			0.62	49.1			6.25	17.65	3.44			
7.0	1650	7.0			0.47	2.3	8.8	9.0	98.3			0.69	54.3			6.31	17.65	3.48			
7.0	1650	8.0			0.48	2.3	8.8	9.0	98.4			0.73	57.7			6.46	17.65	3.60			
7.0	1650	9.0			0.49	2.4	8.8	9.0	98.4			0.80	62.7			6.52	17.65	3.64			
7.0	1650	10.0			0.50	2.5	8.8	9.0	98.4			0.87	68.0			6.53	17.64	3.65			
7.0	1650	11.0			0.49	2.4	8.8	9.0	98.4			0.92	71.8			6.58	17.64	3.69			
7.0	1650	12.0			0.49	2.4	8.7	9.0	98.4			0.94	73.1			6.62	17.63	3.72			
8.0	1618	1.0			0.47	2.3	8.7	9.0	98.1			0.98	76.1	3.8		7.54	17.36	4.48			
8.0	1618	2.0			0.46	2.2	8.7	8.9	98.0		72.9	0.88	68.5			7.90	17.32	4.76			
8.0	1618	3.0			0.46	2.2	8.7	8.9	98.1			0.81	63.2			8.15	17.29	4.96			
8.0	1618	4.0			0.46	2.2	8.7	8.9	98.1			0.78	61.2			8.23	17.28	5.02			
8.0	1618	5.0			0.47	2.2	8.6	8.9	98.1			0.79	61.8			8.34	17.27	5.10			
8.0	1618	6.0			0.46	2.2	8.7	8.9	98.2			0.74	58.4			8.48	17.26	5.21			
8.0	1618	7.0			0.48	2.3	8.7	8.9	98.3			0.76	60.0			8.55	17.27	5.26			
8.0	1618	8.0			0.50	2.5	8.6	8.9	98.4			0.81	63.1			8.76	17.31	5.42			
8.0	1618	9.0			0.52	2.7	8.6	8.9	98.4			0.89	69.4			8.99	17.32	5.59			
8.0	1618	10.0			0.53	2.7	8.6	8.9	98.5			1.01	78.0			9.26	17.33	5.79			
8.0	1618	11.0			0.53	2.7	8.6	8.9	98.6			1.09	83.9			9.43	17.32	5.93			
8.0	1618	12.0			0.54	2.8	8.6	8.9	98.6			1.14	87.8			9.60	17.34	6.05			
8.0	1618	13.0			0.53	2.7	8.5	8.9	98.1			1.16	89.7			9.77	17.34	6.18			
8.0	1618	14.0			0.51	2.6	8.3	8.8	97.2			1.16	89.7			10.20	17.21	6.53			
8.0	1618	15.0			0.51	2.5	8.5	8.9	98.3			1.14	87.8			11.86	16.80	7.88			
9.0	1548	1.0			0.43	2.0	8.6	8.9	98.4			0.58	46.5	2.1		10.05	17.14	6.43			
9.0	1548	2.0	1.5	0.54	0.43	2.0	8.9	8.9	98.4		41.6	0.58	46.8			10.20	17.05	6.56			
9.0	1548	3.0			0.44	2.0	8.6	8.9	98.4			0.67	52.9			10.45	17.01	6.76			
9.0	1548	4.0			0.44	2.0	8.6	8.9	98.4			0.68	53.7			10.54	17.01	6.83			
9.0	1548	5.0			0.44	2.1	8.6	8.9	98.4			0.71	55.7			10.58	17.00	6.86			
9.0	1548	6.0			0.45	2.1	8.6	8.9	98.4			0.75	58.8			10.69	16.99	6.95			

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
9.0	1548	7.0			0.45	2.1	8.6	8.9	98.4			0.74	57.9		10.79	16.99	7.02
9.0	1548	8.0			0.45	2.1	8.6	8.9	98.5			0.73	57.5		10.79	16.99	7.02
9.0	1548	9.0			0.46	2.2	8.6	8.9	98.5			0.75	58.6		10.80	16.99	7.03
9.0	1548	10.0			0.46	2.2	8.6	8.9	98.5			0.74	58.0		10.82	16.98	7.05
9.0	1548	11.0			0.46	2.2	8.6	8.9	98.5			0.74	58.3		10.87	16.97	7.08
9.0	1548	12.0			0.45	2.1	8.6	8.9	98.5			0.77	60.8		10.93	16.96	7.13
9.0	1548	13.0			0.45	2.1	8.6	8.9	98.5			0.76	60.0		10.95	16.96	7.15
9.0	1548	14.0			0.45	2.2	8.6	8.9	98.6			0.80	62.3		11.01	16.95	7.20
9.0	1548	15.0			0.46	2.2	8.5	8.9	98.5			0.84	65.5		11.05	16.95	7.23
9.0	1548	16.0			0.46	2.2	8.6	8.9	98.6			0.81	63.8		11.09	16.95	7.26
9.0	1548	17.0			0.46	2.2	8.5	8.9	98.5			0.81	63.8		11.12	16.94	7.28
9.0	1548	18.0			0.46	2.2	8.6	8.9	98.6			0.87	67.8		11.23	16.93	7.37
9.0	1548	19.0			0.45	2.1	8.5	8.9	98.6			0.90	70.2		11.60	16.93	7.65
9.0	1548	20.0			0.45	2.1	8.5	8.8	98.9			0.94	73.4		12.64	16.94	8.44
9.0	1548	21.0			0.47	2.3	8.4	8.8	99.1			1.01	78.0		13.32	16.95	8.96
9.0	1548	22.0			0.51	2.6	8.4	8.8	99.3			1.03	79.9		14.20	16.97	9.63
9.0	1548	23.0	1.5	0.48	0.52	2.6	8.3	8.8	99.2			1.68	128.4		14.30	16.97	9.70
10.0	1534	1.0			0.42	1.9	8.5	8.9	99.1			0.53	42.4	3.1	11.80	17.08	7.77
10.0	1534	2.0			0.42	1.9	8.5	8.9	98.9			0.55	43.8		11.85	17.02	7.82
10.0	1534	3.0			0.42	1.9	8.5	8.9	98.8			0.61	48.2		12.06	16.97	7.99
10.0	1534	4.0			0.42	1.9	8.5	8.9	98.9			0.62	49.6		12.33	16.97	8.20
10.0	1534	5.0			0.42	1.9	8.5	8.8	98.9			0.64	51.1		12.54	16.97	8.36
10.0	1534	6.0			0.43	1.9	8.4	8.8	99.0			0.69	54.2		13.26	16.95	8.91
10.0	1534	7.0			0.43	1.9	8.4	8.8	99.1			0.74	58.1		13.68	16.94	9.23
10.0	1534	8.0			0.42	1.9	8.4	8.8	99.1			0.77	60.7		14.00	16.93	9.48
10.0	1534	9.0			0.44	2.0	8.3	8.8	99.2			0.79	61.9		14.38	16.92	9.77
10.0	1534	10.0			0.45	2.1	8.3	8.8	99.2			0.78	61.2		14.60	16.92	9.94
10.0	1534	11.0			0.45	2.1	8.3	8.8	99.4			0.77	60.5		15.05	16.92	10.28
10.0	1534	12.0			0.45	2.1	8.2	8.7	99.6			0.74	57.9		16.03	16.92	11.03
10.0	1534	13.0			0.44	2.1	8.2	8.7	99.7			0.72	56.9		16.24	16.93	11.19
10.0	1534	14.0			0.45	2.1	8.2	8.7	99.7			0.72	57.0		16.46	16.93	11.35
10.0	1534	15.0			0.45	2.1	8.2	8.7	99.8			0.70	55.5		16.55	16.93	11.42

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North 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 SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
10.0	1534	16.0			0.45	2.1		8.2	8.7	99.7	0.72	57.0		16.55	16.93	11.42
10.0	1534	17.0			0.46	2.2		8.2	8.7	99.7	0.74	57.9		16.73	16.93	11.56
11.0	1508	1.0			0.44	2.0		8.2	8.7	99.7	0.39	32.4	2.1	15.60	17.11	10.66
11.0	1508	2.0			0.44	2.0		8.2	8.7	99.5	0.45	37.0		16.37	16.93	11.29
11.0	1508	3.0			0.44	2.0		8.2	8.7	99.5	0.52	42.1		16.82	16.88	11.64
11.0	1508	4.0			0.44	2.0		8.1	8.7	99.7	0.54	43.7		17.42	16.86	12.10
11.0	1508	5.0			0.45	2.1		8.1	8.7	99.8	0.57	45.7		17.86	16.85	12.44
11.0	1508	6.0			0.45	2.1		8.1	8.7	99.9	0.62	49.3		17.95	16.85	12.51
11.0	1508	7.0			0.44	2.1		8.1	8.7	99.9	0.62	49.5		18.02	16.85	12.56
11.0	1508	8.0			0.45	2.1		8.1	8.7	100.0	0.62	49.4		18.02	16.85	12.56
11.0	1508	9.0			0.46	2.2		8.1	8.7	99.9	0.62	49.4		18.02	16.85	12.56
11.0	1508	10.0			0.47	2.3		8.1	8.7	99.9	0.64	50.9		18.03	16.86	12.57
11.0	1508	11.0			0.47	2.3		8.1	8.7	99.8	0.64	50.7		18.14	16.84	12.65
11.0	1508	12.0			0.48	2.3		8.1	8.6	99.8	0.77	60.6		18.61	16.80	13.02
11.0	1508	13.0			0.50	2.5		8.1	8.6	99.8	0.87	68.1		18.96	16.76	13.30
11.0	1508	14.0			0.50	2.5		8.1	8.6	100.1	1.05	81.5		19.16	16.74	13.45
12.0	1450	1.0			0.41	1.8		8.2	8.7	100.1	0.26	23.0	1.8	17.36	16.98	12.03
12.0	1450	2.0			0.41	1.8		8.1	8.6	99.8	0.37	30.5		18.28	16.81	12.77
12.0	1450	3.0			0.40	1.8		8.1	8.6	99.8	0.43	35.6		18.53	16.76	12.97
12.0	1450	4.0			0.40	1.7		8.0	8.6	99.7	0.47	38.2		18.87	16.73	13.24
12.0	1450	5.0			0.42	1.9		8.0	8.6	99.8	0.54	43.4		19.21	16.68	13.51
12.0	1450	6.0			0.45	2.1		7.9	8.6	99.1	0.77	60.5		19.60	16.56	13.83
12.0	1450	7.0			0.48	2.4		7.9	8.5	99.3	0.93	72.5		20.82	16.43	14.78
12.0	1450	8.0			0.49	2.4		7.9	8.5	99.4	1.01	78.7		21.11	16.39	15.01
12.0	1450	9.0			0.49	2.4		7.9	8.6	99.7	1.09	84.5		21.19	16.38	15.08
13.0	1350	1.0			0.43	1.9		7.8	8.5	99.3	0.10	10.7	1.4	19.43	16.97	13.61
13.0	1350	2.0	2.3	0.76	0.45	2.2	8.4	7.9	8.5	99.7	0.16	14.9		21.63	16.42	15.41
13.0	1350	3.0			0.45	2.1		7.9	8.5	99.9	0.18	16.8		22.02	16.36	15.72
13.0	1350	4.0			0.45	2.1		7.9	8.5	100.0	0.19	17.5		22.19	16.33	15.85
13.0	1350	5.0			0.46	2.2		7.9	8.5	99.9	0.21	18.6		22.33	16.30	15.97

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
13.0	1350	6.0			0.45	2.1		7.8	8.5	99.5	0.22	19.7		22.49	16.25	16.10
13.0	1350	7.0			0.44	2.0		7.7	8.4	98.8	0.25	22.3		23.01	16.10	16.53
13.0	1350	8.0			0.41	1.8		7.7	8.4	98.9	0.37	30.8		24.08	15.84	17.40
13.0	1350	9.0	2.0	0.57	0.41	1.8		7.8	8.5	99.3	0.44	36.3		24.35	15.78	17.63
14.0	1329	1.0			0.50	2.5		7.9	8.5	101.0	0.06	8.1	0.9	19.44	17.64	13.47
14.0	1329	2.0			0.49	2.4		7.7	8.4	98.9	0.06	7.6		21.81	16.59	15.51
14.0	1329	3.0			0.42	1.9		7.8	8.5	99.3	0.05	7.3		24.31	15.81	17.58
14.0	1329	4.0			0.38	1.6		7.7	8.5	99.1	0.05	6.7		24.51	15.73	17.75
14.0	1329	5.0			0.36	1.4		7.7	8.5	99.2	0.06	7.9		24.93	15.62	18.10
14.0	1329	6.0			0.32	1.2		7.7	8.5	99.2	0.09	10.4		25.11	15.57	18.25
14.0	1329	7.0			0.31	1.1		7.7	8.4	99.0	0.18	16.4		25.25	15.53	18.36
14.0	1329	8.0			0.33	1.2		7.7	8.4	99.0	0.20	18.3		25.47	15.48	18.54
14.0	1329	9.0			0.34	1.3		7.7	8.4	99.0	0.25	22.0		25.59	15.44	18.64
14.0	1329	10.0			0.33	1.3		7.7	8.4	99.0	0.30	25.9		25.66	15.43	18.70
14.0	1329	11.0			0.34	1.3		7.7	8.4	99.0	0.38	31.6		25.69	15.42	18.72
14.0	1329	12.0			0.35	1.4		7.7	8.4	99.0	0.41	33.4		25.70	15.42	18.73
14.0	1329	13.0			0.36	1.5		7.7	8.4	98.8	0.44	36.1		25.81	15.39	18.82
14.0	1329	14.0			0.36	1.5		7.7	8.4	99.1	0.66	52.5		25.88	15.37	18.88
15.0	1304	1.0			0.53	2.7		7.9	8.6	100.4	0.08	9.4	1.2	22.55	16.37	16.14
15.0	1304	2.0	4.7	0.83	0.48	2.4	8.9	7.9	8.6	100.4	0.12	12.1		23.48	16.00	16.91
15.0	1304	3.0			0.45	2.1		7.9	8.6	100.3	0.14	14.0		23.52	15.98	16.94
15.0	1304	4.0			0.42	1.9		7.9	8.6	100.3	0.15	14.4		23.75	15.91	17.14
15.0	1304	5.0			0.38	1.6		7.9	8.6	100.3	0.16	15.1		23.99	15.87	17.32
15.0	1304	6.0			0.37	1.5		7.9	8.5	100.1	0.18	16.6		24.27	15.81	17.55
15.0	1304	7.0			0.37	1.6		7.9	8.5	100.1	0.19	17.4		24.41	15.77	17.67
15.0	1304	8.0			0.38	1.6		7.9	8.5	100.3	0.22	19.7		24.52	15.76	17.76
15.0	1304	9.0			0.39	1.6		7.9	8.6	100.3	0.25	22.1		24.54	15.76	17.77
15.0	1304	10.0			0.39	1.6		7.9	8.6	100.4	0.26	22.7		24.54	15.77	17.77
15.0	1304	11.0			0.39	1.7		7.9	8.6	100.4	0.26	22.9		24.55	15.78	17.78
15.0	1304	12.0			0.40	1.8		7.9	8.5	100.3	0.28	24.2		24.58	15.78	17.80
15.0	1304	13.0			0.41	1.8		7.9	8.6	100.4	0.30	25.4		24.62	15.76	17.83

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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
15.0	1304	14.0			0.41	1.8		7.9	8.5	100.2		0.29	24.9		24.63	15.75	17.84
15.0	1304	15.0			0.40	1.8		7.8	8.5	100.0		0.31	26.0		24.78	15.73	17.97
15.0	1304	16.0			0.40	1.8		7.8	8.5	99.5		0.33	28.1		25.05	15.66	18.18
15.0	1304	17.0			0.39	1.6		7.7	8.4	98.9		0.40	32.8		25.34	15.53	18.44
15.0	1304	18.0			0.38	1.6		7.6	8.4	98.3		0.45	36.6		25.69	15.37	18.73
15.0	1304	19.0			0.38	1.6		7.5	8.3	98.0		0.47	38.2		26.43	15.22	19.33
15.0	1304	20.0			0.38	1.6		7.5	8.4	98.2		0.45	36.5		27.15	15.05	19.92
15.0	1304	21.0			0.40	1.7		7.6	8.4	98.3		0.41	33.8		27.42	14.99	20.14
15.0	1304	22.0			0.41	1.8		7.6	8.4	98.3		0.42	34.7		27.46	14.98	20.17
15.0	1304	23.0	1.9	0.32	0.41	1.8		7.6	8.4	98.4		0.45	37.0		27.47	14.98	20.18
16.0	1230	1.0			0.38	1.6		8.0	8.6	101.2		0.02	5.1	0.8	25.56	15.47	18.61
16.0	1230	2.0			0.40	1.7		8.1	8.6	101.2	5.9	0.02	4.9		25.58	15.47	18.63
16.0	1230	3.0			0.44	2.0		8.0	8.6	100.7		0.02	4.8		25.62	15.45	18.66
16.0	1230	4.0			0.45	2.1		7.8	8.5	99.8		0.02	5.0		25.80	15.36	18.82
16.0	1230	5.0			0.46	2.2		7.8	8.5	99.9		0.02	5.1		26.70	15.09	19.56
16.0	1230	6.0			0.48	2.3		7.8	8.5	99.7		0.07	8.5		26.85	15.05	19.69
16.0	1230	7.0			0.49	2.4		7.8	8.5	99.6		0.09	10.2		26.99	15.01	19.80
16.0	1230	8.0			0.50	2.5		7.8	8.5	99.6		0.12	12.5		27.18	14.95	19.96
16.0	1230	9.0			0.50	2.5		7.8	8.5	99.5		0.16	15.1		27.27	14.93	20.04
16.0	1230	10.0			0.50	2.5		7.8	8.5	99.4		0.19	17.2		27.36	14.90	20.11
16.0	1230	11.0			0.50	2.5		7.8	8.5	99.4		0.22	19.4		27.51	14.87	20.23
16.0	1230	12.0			0.50	2.5		7.7	8.5	99.2		0.24	21.5		27.53	14.86	20.25
16.0	1230	13.0			0.51	2.6		7.7	8.5	99.3		0.29	25.2		27.61	14.84	20.32
18.0	1132	1.0			0.59	3.1		8.2	8.7	102.1		0.05	7.1	0.6	27.66	14.89	20.35
18.0	1132	2.0	3.7	0.79	0.60	3.2	8.5	8.2	8.7	102.0		0.04	6.4		27.84	14.78	20.50
18.0	1132	3.0			0.59	3.1		8.2	8.7	101.9		0.02	4.5		27.95	14.76	20.59
18.0	1132	4.0			0.60	3.2		8.1	8.7	101.9		0.02	4.7		28.06	14.76	20.68
18.0	1132	5.0			0.59	3.2		8.2	8.7	102.0		0.01	4.2		28.07	14.77	20.68
18.0	1132	6.0			0.59	3.1		8.2	8.7	102.1		0.01	4.4		28.12	14.77	20.72
18.0	1132	7.0			0.59	3.1		8.2	8.7	102.1		0.00	3.5		28.10	14.77	20.70
18.0	1132	8.0			0.57	3.0		8.2	8.7	102.1		0.00	3.6		28.19	14.77	20.78

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CHL a	OXYG	CALC	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
18.0	1132	9.0			0.55	2.8			8.1	8.7	102.0		0.00	3.3		28.27	14.76	20.84
18.0	1132	10.0			0.55	2.8			8.1	8.7	102.1		0.00	3.4		28.31	14.76	20.87
18.0	1132	11.0			0.59	3.2			8.1	8.7	102.0		0.00	3.5		28.33	14.76	20.88
18.0	1132	12.0			0.61	3.3			8.1	8.7	101.8		0.01	3.8		28.38	14.74	20.93
18.0	1132	13.0			0.59	3.1			8.1	8.6	101.6		0.01	4.1		28.55	14.67	21.07
18.0	1132	14.0			0.56	2.9			8.1	8.6	101.4		0.00	3.7		28.65	14.62	21.16
18.0	1132	15.0			0.54	2.8			8.1	8.6	101.5		0.01	3.9		28.69	14.61	21.20
18.0	1132	16.0			0.55	2.8			8.1	8.6	101.5		0.01	3.9		28.68	14.62	21.19
18.0	1132	17.0			0.59	3.1			8.1	8.6	101.5		0.01	4.2		28.71	14.60	21.21
18.0	1132	18.0			0.61	3.3			8.1	8.6	101.4		0.01	3.9		28.73	14.58	21.23
18.0	1132	19.0			0.63	3.4			8.0	8.6	101.3		0.00	3.7		28.76	14.55	21.26
18.0	1132	20.0			0.62	3.4			8.0	8.6	101.0		0.01	3.9		28.83	14.50	21.32
18.0	1132	21.0			0.63	3.4			8.0	8.6	100.9		0.01	4.2		28.91	14.45	21.40
18.0	1132	22.0			0.65	3.6			8.0	8.6	100.5		0.01	4.4		29.00	14.37	21.49
18.0	1132	23.0			0.70	4.0			7.9	8.5	100.0		0.03	5.3		29.17	14.25	21.64
18.0	1132	24.0			0.72	4.1			7.9	8.5	100.0		0.04	6.1		29.37	14.17	21.81
18.0	1132	25.0			0.69	3.9			7.9	8.5	99.7		0.05	6.9		29.45	14.13	21.88
18.0	1132	26.0			0.68	3.8			7.8	8.5	99.2		0.07	8.4		29.67	14.00	22.08
18.0	1132	27.0			0.69	3.9			7.8	8.5	99.3		0.09	9.9		29.95	13.90	22.31
18.0	1132	28.0			0.70	4.0			7.8	8.5	99.3		0.10	10.9		30.02	13.88	22.37
18.0	1132	29.0			0.74	4.3			7.8	8.5	99.0		0.10	10.6		30.05	13.86	22.40
18.0	1132	30.0			0.74	4.2			7.7	8.4	98.4		0.10	11.1		30.16	13.80	22.49
18.0	1132	31.0			0.73	4.2			7.7	8.5	98.4		0.13	13.3		30.56	13.61	22.83
18.0	1132	32.0			0.79	4.6			7.7	8.4	98.2		0.14	13.9		30.66	13.58	22.92
18.0	1132	33.0			0.83	4.9			7.7	8.4	98.3		0.17	15.6		30.78	13.53	23.02
18.0	1132	34.0			0.84	5.0			7.7	8.5	98.5		0.16	15.5		30.80	13.53	23.04
18.0	1132	35.0			0.83	4.9			7.7	8.5	98.5		0.16	14.9		30.74	13.56	22.98
18.0	1132	36.0			0.82	4.9			7.7	8.4	98.3		0.17	16.2		30.77	13.54	23.01
18.0	1132	37.0			0.84	5.0			7.7	8.4	98.1		0.19	17.4		30.85	13.49	23.08
18.0	1132	38.0			0.96	5.9			7.7	8.4	98.1		0.30	25.5		30.96	13.46	23.18
18.0	1132	39.0			1.08	6.7			7.7	8.4	98.2		0.40	32.7		31.01	13.42	23.22
18.0	1132	40.0			1.08	6.8			7.7	8.4	98.2		0.41	34.1		31.03	13.42	23.24
18.0	1132	41.0			1.13	7.1			7.7	8.4	98.2		0.45	36.7		31.04	13.42	23.25

North San Francisco Bay

April 19, 1994

94109

STN	TIME	DEPTH	CHL a	DISC	CHL a/	FLUOR	CHL a	DISC	OXYG	DISC	% OXY	SAT	OXYG	DISC	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
18.0	1132	42.0	7.0	0.49	1.15	7.2	7.7	8.4	98.0	0.59	47.2	31.05	13.41	23.25						

	n	r ²	Slope	Inter.	Std. Err.
Fluorometer Calibration:	16	0.751	7.358	-1.193	0.815
OBS Calibration:	8	0.969	74.222	3.342	4.084
Dissolved Oxygen Calibration:	5	0.469	0.531	4.348	0.254

SeaBird v4.026

94110

April 20, 1994

Non-standard stations: San Francisco Bay

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
041	0901	1.0			0.43	2.0		9.0	9.1	97.3		0.49	40.0	2.6	2.46	17.63	0.55
041	0901	2.0			0.43	2.0		9.0	9.1	97.3		0.52	42.3		2.49	17.64	0.57
041	0901	3.0			0.44	2.0		9.0	9.1	97.3		0.54	43.2		2.52	17.64	0.59
041	0901	4.0			0.44	2.0		9.0	9.1	97.4		0.57	45.9		2.54	17.65	0.61
041	0901	5.0			0.45	2.1		9.0	9.1	97.6		0.64	50.9		2.63	17.67	0.67
041	0901	6.0			0.47	2.3		9.0	9.1	97.4		0.82	64.3		2.80	17.69	0.80
041	0901	7.0			0.47	2.3		9.0	9.1	97.6		0.99	76.5		2.93	17.70	0.89
061	1002	1.0			0.42	1.9		8.7	8.9	98.0		0.47	38.6	2.6	9.39	16.91	5.97
061	1002	2.0			0.42	1.9		8.7	9.0	98.1		0.49	39.7		9.43	16.89	6.01
061	1002	3.0			0.41	1.8		8.7	8.9	98.1		0.54	43.3		9.50	16.88	6.06
061	1002	4.0			0.42	1.9		8.7	9.0	98.1		0.58	46.4		9.55	16.88	6.10
061	1002	5.0			0.44	2.0		8.7	9.0	98.2		0.60	48.1		9.61	16.87	6.15
061	1002	6.0			0.44	2.0		8.7	9.0	98.2		0.66	52.5		9.69	16.88	6.20
061	1002	7.0			0.44	2.1		8.7	9.0	98.3		0.71	56.3		9.76	16.90	6.25
061	1002	8.0			0.45	2.1		8.6	8.9	98.4		0.86	67.2		10.05	16.91	6.48
061	1002	9.0			0.47	2.3		8.6	8.9	98.4		1.05	81.2		10.59	16.92	6.89
061	1002	10.0			0.47	2.3		8.6	8.9	98.5		1.51	115.7		11.01	16.93	7.20
081	1113	1.0			0.49	2.4		8.6	8.9	100.7		0.14	14.1	1.3	13.95	17.07	9.41
081	1113	2.0			0.48	2.4		8.5	8.8	100.4		0.14	13.4		14.61	17.08	9.91
081	1113	3.0			0.46	2.2		8.4	8.8	99.8		0.13	12.7		14.85	17.02	10.11
081	1113	4.0			0.45	2.1		8.4	8.8	99.7		0.12	12.5		15.07	16.92	10.30
081	1113	5.0			0.45	2.1		8.5	8.8	100.4		0.12	12.2		15.67	16.82	10.77
081	1113	6.0			0.44	2.1		8.3	8.8	100.8		0.12	12.2		17.49	16.95	12.13
081	1113	7.0			0.44	2.0		8.3	8.7	100.8		0.14	14.1		17.55	16.96	12.18
081	1113	8.0			0.44	2.0		8.3	8.7	100.9		0.17	15.9		17.67	17.00	12.26
081	1113	9.0			0.45	2.1		8.2	8.7	100.9		0.19	17.7		18.04	17.02	12.54
081	1113	10.0			0.46	2.2		8.2	8.7	101.0		0.21	19.0		18.28	17.01	12.73
081	1113	11.0			0.47	2.2		8.2	8.7	100.9		0.24	21.3		18.32	17.00	12.76
081	1113	12.0			0.48	2.3		8.2	8.7	100.8		0.26	22.7		18.34	16.99	12.78
081	1113	13.0			0.49	2.4		8.2	8.7	100.8		0.27	23.1		18.48	16.94	12.89
081	1113	14.0			0.48	2.4		8.2	8.7	100.9		0.29	25.0		18.62	16.93	13.00

Non-standard stations: San Francisco Bay April 20, 1994 94110

STN	TIME	DEPTH	DISCR	CHL a/	FLUOR	CALC	DISCR	CHL a	OXYG	OXYG	CALC	% OXY	DISCR	OBS	CALC	EXCOF	SALIN	TEMP	SIGT
			CHL a	a+PHA									SPM		SPM				
081	1113	15.0			0.48	2.4		8.2	8.7	100.8	0.35	29.5		0.35	29.5		18.65	16.93	13.02
081	1113	16.0			0.48	2.4		8.2	8.7	100.8	0.44	36.1		0.44	36.1		18.66	16.93	13.03
747	0808	1.0			0.71	4.1					0.27	23.2		0.27	23.2	2.3	0.52	18.31	0.00
747	0808	2.0			0.70	4.0					0.33	27.7		0.33	27.7		0.54	18.14	0.00
747	0808	3.0			0.71	4.0					0.34	28.7		0.34	28.7		0.55	18.10	0.00
747	0808	4.0			0.71	4.1					0.35	29.2		0.35	29.2		0.55	18.06	0.00
747	0808	5.0			0.70	4.0					0.37	31.1		0.37	31.1		0.58	18.13	0.00
747	0808	6.0			0.69	3.9					0.39	32.3		0.39	32.3		0.63	18.24	0.00
747	0808	7.0			0.68	3.8					0.40	32.8		0.40	32.8		0.64	18.23	0.00
747	0808	8.0			0.67	3.8					0.40	33.0		0.40	33.0		0.64	18.25	0.00
747	0808	9.0			0.68	3.8					0.41	33.6		0.41	33.6		0.64	18.22	0.00
747	0808	10.0			0.67	3.8					0.40	32.8		0.40	32.8		0.65	18.22	0.00
747	0808	11.0			0.67	3.8					0.40	33.0		0.40	33.0		0.65	18.21	0.00
747	0808	12.0			0.68	3.8					0.42	34.4		0.42	34.4		0.66	18.18	0.00
747	0808	13.0			0.67	3.8					0.42	34.5		0.42	34.5		0.67	18.16	0.00
747	0808	14.0			0.67	3.8					0.43	35.3		0.43	35.3		0.66	18.14	0.00
753	0731	1.0			0.81	4.8					0.18	16.6		0.18	16.6	1.5	0.18	17.80	0.00
753	0731	2.0			0.82	4.8					0.17	16.3		0.17	16.3		0.18	17.80	0.00
753	0731	3.0			0.81	4.8					0.17	16.2		0.17	16.2		0.18	17.80	0.00
753	0731	4.0			0.80	4.7					0.17	16.3		0.17	16.3		0.18	17.80	0.00
753	0731	5.0			0.80	4.7					0.17	16.3		0.17	16.3		0.18	17.80	0.00
753	0731	6.0			0.81	4.8					0.18	16.6		0.18	16.6		0.18	17.80	0.00
753	0731	7.0			0.83	4.9					0.18	16.4		0.18	16.4		0.18	17.81	0.00
753	0731	8.0			0.84	5.0					0.18	16.6		0.18	16.6		0.18	17.82	0.00
753	0731	9.0			0.86	5.1					0.18	16.6		0.18	16.6		0.19	17.82	0.00
753	0731	10.0			0.85	5.0					0.18	16.6		0.18	16.6		0.19	17.82	0.00
753	0731	11.0			0.84	5.0					0.18	16.6		0.18	16.6		0.19	17.82	0.00
757	0702	1.0			0.69	3.9					0.14	13.4		0.14	13.4	1.7	0.15	17.61	0.00
757	0702	2.0	4.3	0.66	0.69	3.9	9.4				11.3	12.8		0.13	12.8		0.15	17.62	0.00
757	0702	3.0			0.69	3.9					0.13	13.2		0.13	13.2		0.15	17.62	0.00

STN	TIME	DEPTH	DISCR	CHL a/ a+PMA	FLUOR	CALC	DISCR	CHL a	OXYG	OXYG	CALC	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
757	0702	4.0			0.67	3.8								0.14	13.7		0.15	17.63	0.00
757	0702	5.0			0.67	3.8								0.14	13.7		0.15	17.63	0.00
757	0702	6.0			0.67	3.8								0.15	14.4		0.16	17.63	0.00
757	0702	7.0			0.67	3.8								0.14	14.0		0.16	17.63	0.00
757	0702	8.0			0.69	3.9								0.14	13.6		0.16	17.63	0.00
757	0702	9.0			0.70	4.0								0.14	13.7		0.16	17.63	0.00
757	0702	10.0			0.71	4.0								0.14	13.5		0.16	17.63	0.00
757	0702	11.0			0.71	4.0								0.15	14.3		0.16	17.63	0.00
757	0702	12.0			0.71	4.0								0.14	13.7		0.16	17.63	0.00
757	0702	13.0	4.3	0.65	0.71	4.0								0.15	14.2		0.16	17.63	0.00
.....																			
										n	r^2	Slope		Inter.		Std. Err.			
Fluorometer Calibration:										16	0.751	7.358		-1.193		0.815			
OBS Calibration:										8	0.969	74.222		3.342		4.084			
Dissolved Oxygen Calibration:										5	0.469	0.531		4.348		0.254			

North Bay regression coefficients used for all three calibrations.
Seabird v4.026

South San Francisco Bay

April 27, 1994

94117

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CALC	OXYG	% OXY	DISCR	CALC	SPM	ORBS	EXCOF	SALIN	TEMP	SIGT
36.0	1254	1.0			1.57	7.1		6.5	6.9	80.1			224.1	3.52	10.2	23.99	15.49	17.40
36.0	1254	2.0	6.0	0.30	1.58	7.1	6.8	6.5	6.9	79.7	230.2		228.7	3.59		24.11	15.47	17.50
36.0	1254	3.0			1.63	7.2		6.5	6.8	79.7			245.6	3.86		24.24	15.46	17.60
36.0	1254	4.0			1.66	7.2		6.5	6.8	79.6			283.6	4.45		24.35	15.44	17.69
36.0	1254	5.0			1.67	7.2		6.5	6.8	79.7			325.1	5.10		24.35	15.43	17.69
36.0	1254	6.0			1.68	7.2		6.4	6.8	79.3			363.6	5.70		24.40	15.42	17.73
36.0	1254	7.0	5.0	0.14	1.68	7.2		6.4	6.8	79.1			404.7	6.35		24.41	15.41	17.74
35.0	1246	1.0			1.57	7.1		6.5	6.9	80.1			357.5	5.61	12.3	24.67	15.40	17.94
35.0	1246	2.0			1.57	7.1		6.5	6.9	79.9			359.7	5.64		24.67	15.40	17.95
35.0	1246	3.0			1.58	7.1		6.5	6.8	79.7			356.5	5.59		24.68	15.40	17.95
35.0	1246	4.0			1.58	7.1		6.5	6.8	79.6			351.0	5.51		24.68	15.40	17.95
35.0	1246	5.0			1.59	7.1		6.5	6.8	79.5			352.4	5.53		24.67	15.40	17.95
35.0	1246	6.0			1.60	7.1		6.4	6.8	79.3			363.4	5.70		24.67	15.39	17.94
35.0	1246	7.0			1.63	7.2		6.4	6.8	79.1			382.6	6.00		24.64	15.37	17.92
35.0	1246	8.0			1.67	7.2		6.4	6.8	78.9			440.3	6.90		24.61	15.36	17.91
35.0	1246	9.0			1.68	7.2		6.4	6.8	78.8			483.8	7.58		24.60	15.36	17.90
35.0	1246	10.0			1.68	7.2		6.4	6.8	79.0			521.7	8.18		24.59	15.35	17.89
35.0	1246	11.0			1.68	7.2		6.4	6.7	78.4			537.7	8.43		24.59	15.35	17.89
35.0	1246	12.0			1.68	7.2		6.4	6.8	78.8			546.5	8.56		24.58	15.36	17.89
34.0	1235	1.0			1.24	6.7		6.5	6.9	79.7			76.2	1.21	5.2	23.95	15.39	17.40
34.0	1235	2.0			1.25	6.8		6.5	6.9	79.7			67.3	1.07		24.56	15.29	17.88
34.0	1235	3.0			1.33	6.8		6.6	6.9	80.5			69.3	1.10		25.25	15.15	18.44
34.0	1235	4.0			1.49	7.0		6.6	6.9	80.8			101.1	1.60		25.44	15.10	18.59
34.0	1235	5.0			1.63	7.2		6.6	6.9	80.8			178.2	2.80		25.44	15.09	18.60
34.0	1235	6.0			1.71	7.3		6.6	6.9	80.8			251.0	3.94		25.43	15.09	18.59
34.0	1235	7.0			1.75	7.3		6.6	7.0	81.0			357.1	5.60		25.40	15.09	18.57
34.0	1235	8.0			1.74	7.3		6.5	6.9	80.4			419.6	6.58		25.29	15.10	18.48
33.0	1220	1.0			1.13	6.6		7.0	7.3	86.4			28.7	0.47	2.9	25.59	15.68	18.59
33.0	1220	2.0			1.11	6.6		6.9	7.3	85.4			29.1	0.47		25.61	15.56	18.63
33.0	1220	3.0			1.06	6.6		6.9	7.3	85.2			30.3	0.49		25.62	15.39	18.68

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	OXYG	SAT	SPM	SPM	SPM	SPM							
33.0	1220	4.0				1.04	6.5	6.9	7.2	84.8					0.54	33.2		25.66	15.39	18.71		
33.0	1220	5.0				1.09	6.6	6.8	7.2	84.1					0.60	37.4		25.73	15.36	18.76		
33.0	1220	6.0				1.28	6.8	6.9	7.2	84.8					0.64	39.8		25.92	15.23	18.94		
33.0	1220	7.0				1.52	7.1	6.9	7.2	84.8					0.74	46.4		26.03	15.25	19.02		
33.0	1220	8.0				1.64	7.2	6.9	7.2	84.8					2.39	151.9		26.02	15.25	19.01		
33.0	1220	9.0				1.68	7.2	6.9	7.2	84.8					4.05	257.9		26.02	15.25	19.01		
33.0	1220	10.0				1.69	7.2	6.9	7.2	84.9					4.83	307.5		26.03	15.25	19.02		
33.0	1220	11.0				1.71	7.3	6.9	7.2	84.8					5.57	355.1		26.02	15.26	19.01		
33.0	1220	12.0				1.73	7.3	6.9	7.2	84.8					6.03	384.3		26.02	15.26	19.01		
33.0	1220	13.0				1.75	7.3	6.9	7.2	84.8					6.40	408.1		26.02	15.26	19.01		
33.0	1220	14.0				1.76	7.3	6.9	7.3	85.1					6.82	434.8		26.01	15.27	19.00		
32.0	1214	1.0				0.97	6.5	7.1	7.4	86.6					0.53	32.6	2.9	25.94	15.46	18.91		
32.0	1214	2.0	5.9	0.68		0.98	6.5	7.1	7.4	86.6				7.5	0.53	32.8		25.95	15.45	18.92		
32.0	1214	3.0				0.98	6.5	7.0	7.3	86.3					0.56	34.7		25.95	15.45	18.91		
32.0	1214	4.0				0.99	6.5	7.0	7.3	86.0					0.56	34.8		25.94	15.44	18.91		
32.0	1214	5.0				1.04	6.5	7.0	7.3	85.8					0.56	34.4		26.01	15.36	18.98		
32.0	1214	6.0				1.13	6.6	7.0	7.3	85.7					0.64	39.6		26.09	15.35	19.05		
32.0	1214	7.0				1.26	6.8	7.0	7.3	85.7					0.94	59.4		26.14	15.32	19.09		
32.0	1214	8.0				1.38	6.9	7.0	7.3	85.7					1.57	99.6		26.15	15.31	19.10		
32.0	1214	9.0				1.46	7.0	7.0	7.3	85.7					2.84	180.5		26.15	15.30	19.10		
32.0	1214	10.0				1.48	7.0	7.0	7.3	85.8					3.40	216.3		26.14	15.30	19.09		
32.0	1214	11.0				1.50	7.0	7.0	7.3	86.0					3.82	243.0		26.14	15.29	19.09		
32.0	1214	12.0	8.1	0.19		1.51	7.0	7.0	7.3	85.6					4.07	259.0		26.14	15.29	19.09		
31.0	1201	1.0				1.14	6.6	7.0	7.3	86.6					0.56	34.6	3.1	26.24	15.49	19.13		
31.0	1201	2.0				1.15	6.7	7.0	7.4	86.5					0.57	35.3		26.27	15.37	19.18		
31.0	1201	3.0				1.18	6.7	7.0	7.4	86.4					0.82	51.6		26.32	15.34	19.22		
31.0	1201	4.0				1.30	6.8	7.0	7.3	86.3					1.21	76.4		26.36	15.32	19.25		
31.0	1201	5.0				1.44	7.0	7.0	7.3	85.9					1.67	106.0		26.49	15.29	19.36		
31.0	1201	6.0				1.51	7.0	7.0	7.3	85.5					2.75	174.6		26.51	15.28	19.38		
31.0	1201	7.0				1.55	7.1	6.9	7.3	85.4					3.28	208.6		26.51	15.28	19.38		
31.0	1201	8.0				1.56	7.1	6.9	7.2	85.2					3.50	222.5		26.52	15.28	19.39		

South San Francisco Bay

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STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CALC	% OXY	DISCR	CALC	EXCOF	SALIN	TEMP	SIGT
			CHL a			CHL a	OXYG	OXYG	SAT	SPM	OBS				
31.0	1201	9.0			1.57	7.1		6.9	7.2	85.1	3.66		26.52	15.28	19.39
31.0	1201	10.0			1.61	7.1		6.9	7.2	84.8	3.83		26.53	15.27	19.40
31.0	1201	11.0			1.65	7.2		6.9	7.2	84.8	4.24		26.53	15.27	19.40
31.0	1201	12.0			1.66	7.2		6.9	7.2	84.9	4.56		26.53	15.28	19.40
31.0	1201	13.0			1.66	7.2		6.9	7.2	84.7	4.79		26.53	15.28	19.40
30.0	1145	1.0			1.21	6.7		7.1	7.4	87.7	0.87	4.2	26.51	15.48	19.34
30.0	1145	2.0	6.7	0.62	1.22	6.7	7.4	7.1	7.4	87.5	46.2		26.51	15.47	19.34
30.0	1145	3.0			1.25	6.8		7.1	7.4	87.0	0.97		26.53	15.46	19.36
30.0	1145	4.0			1.30	6.8		7.0	7.3	86.7	1.10		26.59	15.41	19.42
30.0	1145	5.0			1.36	6.9		7.1	7.4	87.4	1.39		26.68	15.31	19.51
30.0	1145	6.0			1.46	7.0		7.1	7.4	87.7	1.91		26.69	15.30	19.51
30.0	1145	7.0			1.62	7.2		7.2	7.5	87.8	2.67		26.68	15.31	19.51
30.0	1145	8.0			1.74	7.3		7.2	7.4	87.7	3.33		26.67	15.31	19.50
30.0	1145	9.0			1.85	7.4		7.2	7.4	87.7	4.24		26.67	15.31	19.50
30.0	1145	10.0			1.92	7.5		7.2	7.5	87.8	5.32		26.67	15.30	19.50
30.0	1145	11.0			1.96	7.5		7.2	7.5	88.1	6.16		26.66	15.30	19.50
30.0	1145	12.0			1.33	6.8		7.1	7.4	87.1	7.64		26.46	15.30	19.34
30.0	1145	13.0	9.6	0.17	1.10	6.6		7.0	7.3	83.4	X10.26	655.2	21.67	15.35	15.66
29.5	1132	1.0			1.32	6.8		7.1	7.4	87.1	1.17	4.6	26.61	15.49	19.42
29.5	1132	2.0			1.34	6.9		7.1	7.4	87.3	1.34		26.64	15.44	19.45
29.5	1132	3.0			1.38	6.9		7.1	7.4	87.4	1.72		26.67	15.43	19.47
29.5	1132	4.0			1.41	6.9		7.1	7.4	87.6	1.98		26.70	15.42	19.50
29.5	1132	5.0			1.42	6.9		7.2	7.4	87.9	2.11		26.75	15.39	19.54
29.5	1132	6.0			1.40	6.9		7.2	7.5	88.3	2.24		26.79	15.38	19.58
29.5	1132	7.0			1.38	6.9		7.2	7.5	88.5	2.31		26.82	15.37	19.60
29.5	1132	8.0			1.39	6.9		7.2	7.5	88.8	2.40		26.86	15.36	19.64
29.5	1132	9.0			1.42	6.9		7.3	7.5	89.0	2.58		26.87	15.35	19.64
29.5	1132	10.0			1.53	7.1		7.3	7.6	89.3	2.70		26.89	15.35	19.65
29.5	1132	11.0			1.75	7.3		7.3	7.5	89.0	3.03		26.88	15.38	19.65
29.5	1132	12.0			1.91	7.5		7.2	7.5	88.6	4.49		26.85	15.39	19.62
29.5	1132	13.0			1.96	7.5		7.2	7.5	88.6	7.28		26.84	15.40	19.61

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	1132	14.0			1.91	7.5	7.2	7.5	88.5		9.68	617.6		26.81	15.41	19.58
29.5	1132	15.0			1.90	7.5	7.2	7.5	88.4		%10.03	640.1		26.79	15.42	19.57
29.0	1121	1.0			1.30	6.8	7.1	7.4	87.3		1.56	98.6	5.3	26.76	15.49	19.53
29.0	1121	2.0			1.31	6.8	7.1	7.4	87.5		1.69	106.9		26.75	15.49	19.52
29.0	1121	3.0			1.33	6.8	7.1	7.4	87.5		1.70	107.8		26.75	15.49	19.52
29.0	1121	4.0			1.35	6.9	7.1	7.4	87.5		1.70	107.4		26.79	15.49	19.55
29.0	1121	5.0			1.39	6.9	7.1	7.4	87.4		1.73	109.7		26.84	15.48	19.59
29.0	1121	6.0			1.50	7.0	7.1	7.4	87.9		1.84	116.3		26.92	15.43	19.67
29.0	1121	7.0			1.62	7.2	7.2	7.5	88.2		2.49	158.5		26.97	15.43	19.71
29.0	1121	8.0			1.68	7.2	7.2	7.5	88.3		3.77	239.7		27.01	15.42	19.74
29.0	1121	9.0			1.76	7.3	7.2	7.5	88.3		4.52	287.7		27.03	15.42	19.75
29.0	1121	10.0			1.82	7.4	7.2	7.5	88.6		5.71	364.1		27.06	15.42	19.78
29.0	1121	11.0			1.84	7.4	7.2	7.5	88.7		6.34	404.5		27.07	15.42	19.78
29.0	1121	12.0			1.85	7.4	7.2	7.5	88.7		6.96	443.7		27.07	15.42	19.78
29.0	1121	13.0			1.87	7.4	7.2	7.5	88.8		7.20	459.3		27.07	15.42	19.78
29.0	1121	14.0			1.90	7.5	7.3	7.5	89.1		7.43	474.3		27.07	15.42	19.78
29.0	1121	15.0			1.89	7.5	7.2	7.5	89.0		7.93	505.8		27.07	15.42	19.78
28.0	1109	1.0			1.18	6.7	6.8	7.1	84.0		1.01	63.8	4.4	26.77	15.49	19.54
28.0	1109	2.0			1.18	6.7	6.7	7.1	83.8		1.06	66.9		26.78	15.48	19.55
28.0	1109	3.0			1.23	6.7	6.8	7.1	83.8		1.20	75.4		26.81	15.47	19.57
28.0	1109	4.0			1.27	6.8	6.8	7.1	83.9		1.41	89.3		26.88	15.46	19.62
28.0	1109	5.0			1.30	6.8	6.8	7.1	84.0		1.56	98.4		26.91	15.45	19.65
28.0	1109	6.0			1.32	6.8	6.8	7.1	84.1		1.77	111.9		26.97	15.45	19.70
28.0	1109	7.0			1.36	6.9	6.8	7.1	84.3		2.09	132.4		27.00	15.44	19.72
28.0	1109	8.0			1.39	6.9	6.8	7.1	84.5		2.27	144.3		27.05	15.44	19.76
28.0	1109	9.0			1.42	6.9	6.8	7.1	84.6		2.51	159.5		27.05	15.44	19.76
28.0	1109	10.0			1.45	7.0	6.8	7.2	84.7		2.60	165.3		27.06	15.44	19.77
28.0	1109	11.0			1.49	7.0	6.8	7.2	84.7		2.76	175.7		27.06	15.44	19.77
28.0	1109	12.0			1.50	7.0	6.8	7.2	84.8		3.26	207.1		27.07	15.43	19.78
28.0	1109	13.0			1.54	7.1	6.9	7.2	85.0		3.57	227.4		27.08	15.43	19.78
28.0	1109	14.0			1.62	7.2	6.9	7.2	85.0		3.88	246.8		27.08	15.43	19.79

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STN	TIME	DEPTH	DISC CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISC OXYG	CALC OXYG	% OXY SAT	DISC SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
28.0	1109	15.0			1.62	7.2	6.9	7.2	85.1		4.80	306.1		27.09	15.43	19.80
27.0	1058	1.0			1.16	6.7		7.3	7.5	89.3	0.71	44.4	3.7	26.92	15.54	19.64
27.0	1058	2.0	7.6	0.65	1.14	6.6	7.5	7.3	7.5	89.3	0.71	44.3		26.92	15.53	19.64
27.0	1058	3.0			1.14	6.6		7.2	7.5	89.1	0.77	48.4		26.92	15.52	19.64
27.0	1058	4.0			1.16	6.7		7.2	7.5	88.8	0.81	50.5		26.92	15.51	19.65
27.0	1058	5.0			1.26	6.8		7.2	7.5	88.7	0.98	61.5		26.92	15.49	19.65
27.0	1058	6.0			1.43	7.0		7.2	7.5	88.8	1.34	84.7		26.91	15.48	19.65
27.0	1058	7.0			1.57	7.1		7.2	7.5	88.8	2.51	159.3		26.90	15.47	19.64
27.0	1058	8.0			1.64	7.2		7.2	7.5	88.8	3.65	232.0		26.89	15.47	19.63
27.0	1058	9.0			1.68	7.2		7.2	7.5	88.8	4.43	282.2		26.89	15.47	19.63
27.0	1058	10.0			1.72	7.3		7.2	7.5	88.8	4.94	314.8		26.88	15.47	19.63
27.0	1058	11.0			1.74	7.3		7.3	7.5	89.2	5.44	347.0		26.88	15.47	19.63
27.0	1058	12.0	8.6	0.19	1.73	7.3		7.2	7.5	88.4	5.59	356.0		26.88	15.47	19.62
26.0	1041	1.0			1.26	6.8		7.3	7.6	89.9	0.89	56.0	4.2	27.16	15.58	19.82
26.0	1041	2.0			1.27	6.8		7.3	7.6	89.8	0.88	55.2		27.16	15.58	19.82
26.0	1041	3.0			1.42	6.9		7.3	7.6	89.8	0.83	52.1		27.19	15.55	19.85
26.0	1041	4.0			1.55	7.1		7.3	7.6	89.7	1.49	94.4		27.19	15.55	19.85
26.0	1041	5.0			1.67	7.2		7.3	7.6	89.8	2.48	157.4		27.18	15.55	19.84
26.0	1041	6.0			1.75	7.3		7.3	7.6	89.8	3.30	209.8		27.17	15.55	19.83
26.0	1041	7.0			1.80	7.3		7.3	7.6	89.9	4.03	256.3		27.16	15.54	19.83
26.0	1041	8.0			1.84	7.4		7.3	7.6	90.2	4.92	313.7		27.16	15.54	19.82
26.0	1041	9.0			1.86	7.4		7.3	7.6	90.1	5.73	365.3		27.15	15.54	19.82
26.0	1041	10.0			1.85	7.4		7.3	7.6	90.0	6.21	396.2		27.15	15.54	19.82
25.0	1025	1.0			1.10	6.6		7.5	7.7	91.9	1.48	93.6	4.9	27.63	15.46	20.20
25.0	1025	2.0			1.11	6.6		7.5	7.7	91.9	1.50	94.9		27.63	15.46	20.20
25.0	1025	3.0			1.18	6.7		7.5	7.7	91.9	1.56	98.4		27.63	15.46	20.20
25.0	1025	4.0			1.25	6.8		7.5	7.7	91.8	1.60	101.1		27.61	15.45	20.19
25.0	1025	5.0			1.29	6.8		7.5	7.7	91.8	1.75	110.8		27.61	15.45	20.19
25.0	1025	6.0			1.34	6.9		7.5	7.8	92.1	2.11	134.1		27.61	15.45	20.19
25.0	1025	7.0			1.36	6.9		7.5	7.7	91.9	2.32	147.4		27.61	15.45	20.19

STN	TIME	DEPTH	DISCR	CHL a/ CHL a + PHA	FLUOR	CALC	DISCR	CHL a	OXYG	CALC	% OXY	DISCR	OBS	SPN	EXCOF	SALIN	TEMP	SIGT
25.0	1025	8.0			1.34	6.9		7.5	7.7	7.7	91.9		2.43	154.1		27.61	15.45	20.19
24.0	1011	1.0			0.83	6.3		7.7	7.9	7.9	93.7		0.39	23.8	2.2	27.97	15.32	20.49
24.0	1011	2.0	5.3	0.63	0.82	6.3	7.9	7.7	7.9	7.9	93.7		0.40	24.6		27.97	15.32	20.49
24.0	1011	3.0			0.83	6.3		7.6	7.9	7.9	93.4		0.40	24.5		27.97	15.31	20.50
24.0	1011	4.0			0.88	6.4		7.6	7.9	7.9	93.2		0.40	24.5		28.01	15.27	20.53
24.0	1011	5.0			0.95	6.4		7.6	7.9	7.9	93.3		0.44	26.8		28.06	15.25	20.58
24.0	1011	6.0			1.01	6.5		7.6	7.9	7.9	93.4		0.68	42.2		28.10	15.24	20.61
24.0	1011	7.0			1.06	6.6		7.6	7.9	7.9	93.4		1.11	69.8		28.11	15.24	20.62
24.0	1011	8.0			1.08	6.6		7.6	7.9	7.9	93.5		1.31	82.5		28.11	15.24	20.62
24.0	1011	9.0			1.05	6.5		7.6	7.9	7.9	93.5		1.46	92.3		28.11	15.24	20.62
24.0	1011	10.0	7.3	0.32	1.04	6.5		7.6	7.9	7.9	93.4		1.55	97.9		28.10	15.24	20.61
23.0	0955	1.0			0.83	6.3		7.6	7.9	7.9	93.4		0.35	21.4	2.2	27.84	15.36	20.39
23.0	0955	2.0			0.82	6.3		7.6	7.8	7.8	93.0		0.36	22.0		27.92	15.31	20.46
23.0	0955	3.0			0.81	6.3		7.6	7.8	7.8	92.9		0.37	22.5		27.97	15.28	20.50
23.0	0955	4.0			0.82	6.3		7.6	7.8	7.8	93.0		0.38	23.2		28.08	15.23	20.60
23.0	0955	5.0			0.87	6.3		7.6	7.8	7.8	93.0		0.40	24.2		28.12	15.21	20.63
23.0	0955	6.0			0.90	6.4		7.6	7.9	7.9	93.1		0.44	27.3		28.16	15.19	20.66
23.0	0955	7.0			0.88	6.4		7.6	7.9	7.9	93.2		0.48	29.9		28.19	15.18	20.69
23.0	0955	8.0			0.88	6.4		7.6	7.9	7.9	93.5		0.51	31.4		28.26	15.15	20.75
23.0	0955	9.0			0.89	6.4		7.7	7.9	7.9	93.8		0.54	33.3		28.27	15.14	20.76
23.0	0955	10.0			0.91	6.4		7.7	7.9	7.9	93.7		0.57	35.2		28.31	15.12	20.80
23.0	0955	11.0			0.94	6.4		7.7	7.9	7.9	94.1		0.61	37.6		28.37	15.09	20.85
23.0	0955	12.0			0.97	6.5		7.7	8.0	8.0	94.3		0.62	38.5		28.38	15.08	20.86
23.0	0955	13.0			0.97	6.5		7.7	8.0	8.0	94.4		0.72	44.8		28.40	15.08	20.87
23.0	0955	14.0			0.98	6.5		7.7	8.0	8.0	94.5		0.78	49.1		28.40	15.08	20.87
23.0	0955	15.0			1.01	6.5		7.8	8.0	8.0	94.6		0.83	52.3		28.40	15.08	20.87
23.0	0955	16.0			1.03	6.5		7.8	8.0	8.0	94.8		1.09	68.8		28.39	15.09	20.87
23.0	0955	17.0			1.06	6.6		7.7	8.0	8.0	94.5		1.32	83.1		28.39	15.09	20.87
23.0	0955	18.0			1.06	6.6		7.8	8.0	8.0	94.6		1.35	84.9		28.39	15.09	20.87

South San Francisco Bay

April 27, 1994

94117

STN	TIME	DEPTH	DISCR		CHL a/ a+PHA	FLUOR	CALC		DISCR		CALC		% OXY	DISCR		CALC		EXCOF	SALIN	TEMP	SIGT
			CHL a				CHL a	OXYG	CHL a	OXYG	OXYG	SAT		SPM	OBS	SPM	SPM				
22.0	0937	1.0			0.85	6.3		7.5	7.8	92.2	0.33	20.0	2.1	27.94	15.26	20.49					
22.0	0937	2.0			0.87	6.4		7.5	7.8	92.2	0.33	20.3		27.92	15.27	20.47					
22.0	0937	3.0			0.86	6.3		7.5	7.8	92.2	0.33	20.0		28.01	15.24	20.54					
22.0	0937	4.0			0.84	6.3		7.5	7.7	91.8	0.34	21.0		28.10	15.22	20.61					
22.0	0937	5.0			0.81	6.3		7.4	7.7	91.2	0.38	23.1		28.24	15.17	20.73					
22.0	0937	6.0			0.79	6.3		7.5	7.7	91.5	0.42	25.6		28.43	15.06	20.90					
22.0	0937	7.0			0.78	6.3		7.5	7.8	91.9	0.44	26.9		28.61	14.96	21.06					
22.0	0937	8.0			0.77	6.2		7.5	7.8	92.0	0.42	25.7		28.65	14.94	21.09					
22.0	0937	9.0			0.79	6.3		7.5	7.8	91.8	0.40	24.8		28.71	14.90	21.15					
22.0	0937	10.0			0.82	6.3		7.5	7.8	91.7	0.40	24.3		28.80	14.84	21.23					
22.0	0937	11.0			0.81	6.3		7.5	7.8	91.9	0.39	23.6		28.88	14.79	21.30					
22.0	0937	12.0			0.80	6.3		7.5	7.8	92.1	0.44	27.3		28.91	14.77	21.33					
22.0	0937	13.0			0.83	6.3		7.6	7.8	92.1	0.66	41.2		28.93	14.75	21.35					
22.0	0937	14.0			0.88	6.4		7.6	7.8	92.3	0.75	47.2		28.93	14.76	21.35					
22.0	0937	15.0			0.89	6.4		7.6	7.8	92.4	0.84	52.5		28.93	14.76	21.35					
22.0	0937	16.0			0.92	6.4		7.6	7.8	92.3	0.92	57.8		28.93	14.76	21.35					
22.0	0937	17.0			0.94	6.4		7.6	7.8	92.3	0.98	61.4		28.92	14.76	21.34					
21.0	0916	1.0			0.76	6.2		7.6	7.8	92.7	0.29	17.6	2.0	27.82	15.29	20.38					
21.0	0916	2.0	5.2	0.65	0.78	6.3	7.7	7.5	7.8	92.4	0.31	19.0		28.00	15.30	20.52					
21.0	0916	3.0			0.75	6.2		7.5	7.8	92.5	0.34	20.7		28.12	15.26	20.62					
21.0	0916	4.0			0.74	6.2		7.5	7.8	92.5	0.40	24.6		28.23	15.21	20.72					
21.0	0916	5.0			0.79	6.3		7.5	7.8	92.5	0.48	29.4		28.29	15.18	20.77					
21.0	0916	6.0			0.82	6.3		7.5	7.8	92.3	0.54	33.7		28.36	15.13	20.83					
21.0	0916	7.0			0.81	6.3		7.5	7.8	92.2	0.57	35.4		28.49	15.06	20.95					
21.0	0916	8.0			0.82	6.3		7.6	7.8	92.5	0.62	38.5		28.66	14.96	21.10					
21.0	0916	9.0			0.80	6.3		7.6	7.8	92.9	0.62	38.6		28.76	14.90	21.19					
21.0	0916	10.0			0.80	6.3		7.6	7.9	93.0	0.59	36.5		28.80	14.88	21.22					
21.0	0916	11.0			0.80	6.3		7.7	7.9	93.4	0.57	35.2		28.82	14.86	21.24					
21.0	0916	12.0			0.78	6.3		7.7	7.9	93.5	0.58	35.8		28.82	14.86	21.25					
21.0	0916	13.0			0.81	6.3		7.7	7.9	93.6	0.59	36.7		28.84	14.85	21.26					
21.0	0916	14.0			0.86	6.3		7.7	7.9	93.7	0.61	38.0		28.85	14.85	21.27					
21.0	0916	15.0			0.88	6.4		7.7	7.9	93.7	0.68	42.4		28.87	14.84	21.28					

STN	TIME	DEPTH	DISCR	CHL a/	FLUOR	CALC	DISCR	CALC	% OXY	DISCR	CALC	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
21.0	0916	16.0			0.91	6.4		7.7	7.9	93.7		0.80	49.9		28.88	14.84	21.29
21.0	0916	17.0			0.95	6.4		7.7	7.9	93.6		1.13	71.3		28.88	14.83	21.29
21.0	0916	18.0			1.10	6.6		7.7	7.9	93.7		1.50	94.6		28.88	14.83	21.29
21.0	0916	19.0	5.7	0.48	1.13	6.6		7.7	7.9	93.3		2.02	128.0		28.88	14.83	21.29
.....																	
							n	r^2		Slope		Inter.				Std. Err.	

Fluorometer Calibration:

OBS Calibration:

Dissolved Oxygen Calibration:

12	0.056	1.074	5.418	1.498
4	0.994	63.934	-1.055	9.065
6	0.955	0.889	1.090	0.089

SeaBird v4.026

South San Francisco Bay

MAY 4, 1994

94124

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	CALC OXYG	% OKY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	STGT
36.0	1043	1.0			0.85	5.1		6.3	6.9	83.6		26.4	2.4	24.34	17.15	17.32
36.0	1043	2.0	4.5	0.78	0.79	4.8	7.0	6.4	7.0	84.1	26.3	26.0		25.31	16.81	18.14
36.0	1043	3.0			0.75	4.6		6.4	7.0	84.2		32.1		25.47	16.79	18.26
36.0	1043	4.0			0.75	4.6		6.4	7.0	84.7		38.0		25.50	16.78	18.29
36.0	1043	5.0			0.75	4.6		6.4	7.0	84.9		44.3		25.52	16.77	18.31
36.0	1043	6.0			0.77	4.7		6.4	7.1	85.3		49.3		25.53	16.77	18.31
36.0	1043	7.0	3.6	0.24	0.78	4.7		6.4	7.0	84.8		55.7		25.53	16.77	18.31
35.0	1058	1.0			0.75	4.6		6.4	7.0	83.9		30.6	3.0	25.32	16.84	18.14
35.0	1058	2.0			0.75	4.6		6.3	6.9	83.5		33.4		25.42	16.85	18.21
35.0	1058	3.0			0.74	4.6		6.3	6.9	83.7		35.9		25.56	16.82	18.32
35.0	1058	4.0			0.74	4.6		6.4	7.1	85.1		38.9		25.74	16.76	18.48
35.0	1058	5.0			0.75	4.6		6.5	7.2	86.4		39.4		25.83	16.75	18.55
35.0	1058	6.0			0.76	4.7		6.5	7.2	86.9		39.9		25.89	16.75	18.59
35.0	1058	7.0			0.76	4.7		6.5	7.2	87.1		40.6		25.90	16.76	18.59
35.0	1058	8.0			0.74	4.6		6.5	7.2	86.7		42.0		25.91	16.76	18.60
35.0	1058	9.0			0.73	4.5		6.5	7.2	87.3		49.9		25.94	16.76	18.63
34.0	1108	1.0			1.18	6.7		6.8	7.7	95.6		16.6	1.7	26.04	18.06	18.41
34.0	1108	2.0			1.29	7.3		6.7	7.6	93.8		17.4		26.07	17.83	18.49
34.0	1108	3.0			1.24	7.0		6.8	7.7	94.8		19.9		26.08	17.46	18.58
34.0	1108	4.0			1.00	5.9		6.7	7.5	92.1		21.1		26.08	17.33	18.61
34.0	1108	5.0			0.83	5.0		6.5	7.3	88.9		24.1		26.08	17.14	18.65
34.0	1108	6.0			0.77	4.7		6.5	7.3	88.0		31.0		26.10	16.94	18.71
34.0	1108	7.0			0.75	4.6		6.5	7.3	88.5		51.2		26.17	16.90	18.77
34.0	1108	8.0			0.76	4.6		6.6	7.4	89.1		74.7		26.18	16.88	18.79
33.0	1124	1.0			0.87	5.2		6.8	7.8	94.6		28.0	2.7	26.07	17.08	18.66
33.0	1124	2.0			0.86	5.2		6.8	7.7	94.0		29.2		26.11	17.03	18.70
33.0	1124	3.0			0.83	5.0		6.7	7.6	92.8		30.5		26.15	16.97	18.74
33.0	1124	4.0			0.81	4.9		6.7	7.6	92.5		31.9		26.24	16.84	18.84
33.0	1124	5.0			0.81	4.9		6.7	7.7	92.6		35.0		26.30	16.78	18.90
33.0	1124	6.0			0.82	5.0		6.7	7.7	92.8		42.3		26.32	16.76	18.92

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
33.0	1124	7.0			0.84	5.1	6.7	7.7	92.9		0.77	48.2		26.34	16.75	18.94
33.0	1124	8.0			0.88	5.3	6.7	7.7	93.1		0.84	52.2		26.36	16.74	18.96
33.0	1124	9.0			0.91	5.4	6.7	7.7	93.2		1.11	66.7		26.39	16.73	18.98
33.0	1124	10.0			0.94	5.5	6.8	7.7	93.2		1.45	85.5		26.41	16.72	18.99
33.0	1124	11.0			0.98	5.7	6.8	7.7	93.4		1.81	104.8		26.43	16.71	19.01
33.0	1124	12.0			1.02	6.0	6.7	7.7	93.1		2.09	120.3		26.43	16.70	19.02
33.0	1124	13.0			1.03	6.0	6.8	7.7	93.6		2.55	145.4		26.44	16.70	19.02
32.0	1131	1.0			0.82	5.0	6.8	7.7	93.7		0.35	25.5	2.4	26.18	16.91	18.78
32.0	1131	2.0	4.3	0.70	0.79	4.8	7.3	6.8	93.9	27.0	0.39	27.7		26.27	16.82	18.87
32.0	1131	3.0			0.76	4.7	6.8	7.7	93.8		0.41	28.6		26.35	16.78	18.94
32.0	1131	4.0			0.74	4.6	6.8	7.8	94.2		0.42	29.1		26.37	16.73	18.97
32.0	1131	5.0			0.75	4.6	6.8	7.8	94.3		0.44	30.3		26.40	16.72	18.99
32.0	1131	6.0			0.78	4.8	6.8	7.8	94.5		0.53	35.5		26.45	16.70	19.03
32.0	1131	7.0			0.82	4.9	6.8	7.8	94.8		0.84	52.3		26.50	16.69	19.07
32.0	1131	8.0			0.85	5.1	6.8	7.9	95.0		0.98	59.6		26.50	16.69	19.07
32.0	1131	9.0			0.88	5.3	6.8	7.8	95.0		1.26	75.1		26.51	16.69	19.08
32.0	1131	10.0			0.90	5.4	6.8	7.9	95.2		1.50	88.0		26.52	16.69	19.08
32.0	1131	11.0			0.94	5.5	6.8	7.8	95.0		1.68	97.8		26.52	16.69	19.08
32.0	1131	12.0			1.00	5.8	6.8	7.8	95.0		2.18	125.0		26.52	16.69	19.09
32.0	1131	13.0	4.4	0.33	1.00	5.8	6.8	7.8	94.5		2.02	116.2		26.51	16.69	19.08
31.0	1142	1.0			0.76	4.7	6.7	7.7	93.4		0.32	23.8	2.3	26.53	16.83	19.07
31.0	1142	2.0			0.77	4.7	6.8	7.7	93.4		0.34	25.0		26.54	16.68	19.10
31.0	1142	3.0			0.75	4.6	6.7	7.7	92.7		0.36	26.0		26.55	16.64	19.13
31.0	1142	4.0			0.73	4.5	6.7	7.7	92.8		0.37	26.7		26.61	16.54	19.19
31.0	1142	5.0			0.74	4.6	6.8	7.7	92.9		0.41	28.8		26.64	16.48	19.23
31.0	1142	6.0			0.76	4.7	6.7	7.7	92.7		0.46	31.3		26.66	16.47	19.24
31.0	1142	7.0			0.78	4.8	6.7	7.7	92.3		0.53	35.1		26.71	16.43	19.29
31.0	1142	8.0			0.79	4.8	6.7	7.7	92.5		0.66	42.4		26.74	16.36	19.33
31.0	1142	9.0			0.80	4.9	6.8	7.7	92.9		0.77	48.6		26.76	16.31	19.35
31.0	1142	10.0			0.81	4.9	6.8	7.7	92.9		0.85	52.9		26.78	16.27	19.38
31.0	1142	11.0			0.86	5.1	6.8	7.8	93.3		1.03	62.5		26.80	16.25	19.40

South San Francisco Bay

MAY 4, 1994

94124

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CHL a	OXYG	OXYG	% OXY	DISCR	OBS	CALC	EXCOF	SALIN	TEMP	SIGT
31.0	1142	12.0			0.91	5.4			6.8	7.8	93.6		1.41	83.3		26.80	16.23	19.41
31.0	1142	13.0			0.99	5.8			6.8	7.8	93.4		1.82	105.4		26.81	16.23	19.41
31.0	1142	14.0			0.99	5.8			6.8	7.8	93.6		2.33	133.1		26.80	16.23	19.41
30.0	1158	1.0			0.85	5.1			6.9	8.1	98.7		0.13	13.7	1.5	26.76	17.12	19.18
30.0	1158	2.0	7.3	0.86	0.84	5.1	8.0		6.9	8.0	96.8	14.7	0.14	13.9		26.82	16.48	19.36
30.0	1158	3.0			0.76	4.7			6.9	8.1	96.8		0.16	15.0		26.82	16.26	19.41
30.0	1158	4.0			0.70	4.4			7.0	8.1	97.1		0.21	18.0		26.81	16.25	19.41
30.0	1158	5.0			0.66	4.2			7.0	8.1	97.0		0.23	18.9		26.81	16.24	19.41
30.0	1158	6.0			0.65	4.1			7.0	8.1	97.0		0.24	19.7		26.89	16.17	19.49
30.0	1158	7.0			0.66	4.2			7.0	8.1	97.0		0.27	21.0		26.96	16.15	19.54
30.0	1158	8.0			0.67	4.3			7.0	8.1	97.5		0.31	23.1		26.99	16.14	19.57
30.0	1158	9.0			0.71	4.4			7.0	8.1	97.8		0.35	25.8		27.02	16.14	19.59
30.0	1158	10.0			0.75	4.6			7.0	8.2	97.9		0.41	28.8		27.04	16.15	19.60
30.0	1158	11.0			0.80	4.9			7.0	8.1	97.8		0.50	33.8		27.05	16.15	19.61
30.0	1158	12.0			0.85	5.1			7.0	8.1	97.9		0.65	41.7		27.06	16.16	19.62
30.0	1158	13.0	5.6	0.30	0.85	5.1			7.0	8.1	97.6		0.84	52.1		27.07	16.16	19.62
29.5	1210	1.0			0.75	4.6			6.7	7.6	92.7		0.17	16.0	1.8	26.78	17.15	19.19
29.5	1210	2.0			0.77	4.7			6.9	7.9	95.6		0.21	18.0		26.90	16.43	19.43
29.5	1210	3.0			0.74	4.5			6.9	8.0	96.8		0.26	20.5		27.00	16.41	19.52
29.5	1210	4.0			0.72	4.5			6.9	8.0	96.9		0.28	21.9		27.04	16.40	19.55
29.5	1210	5.0			0.72	4.5			7.0	8.1	97.4		0.31	23.4		27.07	16.32	19.59
29.5	1210	6.0			0.74	4.6			7.0	8.1	97.5		0.32	24.1		27.09	16.30	19.61
29.5	1210	7.0			0.76	4.7			7.0	8.1	98.0		0.32	24.1		27.12	16.26	19.64
29.5	1210	8.0			0.76	4.7			7.0	8.1	98.0		0.32	23.9		27.16	16.23	19.68
29.5	1210	9.0			0.79	4.8			7.0	8.1	98.1		0.35	25.7		27.22	16.22	19.72
29.5	1210	10.0			0.83	5.0			7.0	8.2	98.1		0.46	31.2		27.23	16.23	19.73
29.5	1210	11.0			0.88	5.3			7.0	8.2	98.1		0.66	42.3		27.24	16.23	19.74
29.5	1210	12.0			0.93	5.5			7.0	8.2	98.2		0.89	54.7		27.25	16.22	19.75
29.5	1210	13.0			0.94	5.6			7.0	8.2	98.3		1.02	62.0		27.26	16.22	19.76
29.5	1210	14.0			0.96	5.7			7.0	8.2	98.4		1.20	71.9		27.26	16.22	19.76
29.5	1210	15.0			1.00	5.9			7.0	8.1	98.0		1.42	83.7		27.27	16.21	19.77

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CHL a	OXYG	CALC	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
29.5	1210	16.0			1.01	5.9		7.0	8.2	98.3			1.68	98.0		27.27	16.21	19.77
29.0	1221	1.0			0.91	5.4		6.3	6.9	85.3			0.24	19.8	2.0	27.05	17.25	19.37
29.0	1221	2.0			0.89	5.3		6.4	7.0	85.1			0.26	20.9		27.13	16.54	19.59
29.0	1221	3.0			0.81	4.9		6.5	7.2	86.5			0.28	21.7		27.20	16.24	19.71
29.0	1221	4.0			0.76	4.7		6.5	7.2	87.2			0.31	23.1		27.23	16.22	19.74
29.0	1221	5.0			0.72	4.5		6.5	7.3	87.8			0.32	23.7		27.27	16.19	19.77
29.0	1221	6.0			0.71	4.4		6.6	7.4	88.8			0.32	24.2		27.37	16.12	19.86
29.0	1221	7.0			0.74	4.6		6.6	7.4	89.3			0.33	24.3		27.41	16.12	19.89
29.0	1221	8.0			0.76	4.7		6.6	7.5	89.8			0.33	24.6		27.44	16.12	19.92
29.0	1221	9.0			0.79	4.8		6.6	7.5	90.3			0.35	25.5		27.49	16.12	19.95
29.0	1221	10.0			0.85	5.1		6.7	7.5	90.7			0.46	31.5		27.55	16.13	20.00
29.0	1221	11.0			0.93	5.5		6.7	7.5	90.8			0.65	41.8		27.60	16.13	20.04
29.0	1221	12.0			1.01	5.9		6.7	7.6	91.2			0.99	60.3		27.61	16.13	20.05
29.0	1221	13.0			1.06	6.1		6.7	7.6	91.5			1.27	75.3		27.63	16.14	20.06
29.0	1221	14.0			1.13	6.5		6.7	7.6	91.5			1.49	87.5		27.64	16.14	20.07
29.0	1221	15.0			1.14	6.5		6.7	7.6	91.5			1.73	100.6		27.64	16.14	20.07
28.0	1234	1.0			0.90	5.3		7.0	8.1	99.3			0.15	14.9	1.6	27.25	17.09	19.56
28.0	1234	2.0			0.91	5.4		7.0	8.2	99.6			0.18	16.2		27.26	16.64	19.66
28.0	1234	3.0			0.88	5.2		7.1	8.3	100.2			0.20	17.3		27.30	16.47	19.73
28.0	1234	4.0			0.84	5.1		7.0	8.2	99.4			0.21	18.1		27.34	16.43	19.77
28.0	1234	5.0			0.80	4.9		7.0	8.2	99.3			0.23	19.2		27.42	16.29	19.87
28.0	1234	6.0			0.74	4.6		7.0	8.2	99.2			0.24	19.6		27.50	16.22	19.94
28.0	1234	7.0			0.74	4.6		7.1	8.3	99.9			0.25	20.3		27.57	16.14	20.01
28.0	1234	8.0			0.76	4.7		7.1	8.3	100.2			0.27	21.0		27.62	16.12	20.05
28.0	1234	9.0			0.81	4.9		7.1	8.4	100.7			0.28	22.0		27.66	16.11	20.08
28.0	1234	10.0			0.88	5.3		7.1	8.4	101.4			0.40	28.2		27.80	16.11	20.19
28.0	1234	11.0			0.93	5.5		7.1	8.4	101.6			0.64	41.2		27.83	16.11	20.22
28.0	1234	12.0			0.95	5.6		7.1	8.4	101.8			0.80	49.8		27.83	16.11	20.22
28.0	1234	13.0			0.98	5.7		7.1	8.4	101.8			0.84	52.2		27.84	16.10	20.22
28.0	1234	14.0			0.99	5.8		7.2	8.5	102.0			1.10	66.5		27.87	16.09	20.25
28.0	1234	15.0			0.99	5.8		7.2	8.5	101.9			1.26	75.2		27.88	16.09	20.26

South San Francisco Bay

MAY 4, 1994

94124

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CALC	CHL a	OXYG	CALC	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
27.0	1245	1.0			0.77	4.7		6.8	7.8	94.9				0.09	11.6	1.5	27.43	16.59	19.81
27.0	1245	2.0	5.5	0.81	0.74	4.6	8.1	6.9	7.9	95.0			13.6	0.13	13.4		27.58	16.07	20.04
27.0	1245	3.0			0.74	4.6		6.8	7.9	94.7				0.17	15.8		27.72	16.08	20.14
27.0	1245	4.0			0.74	4.6		6.9	8.0	95.8				0.25	19.8		27.95	16.02	20.33
27.0	1245	5.0			0.74	4.6		6.9	8.0	96.4				0.40	28.2		28.00	16.01	20.37
27.0	1245	6.0			0.75	4.6		6.9	8.0	96.8				0.47	31.8		28.00	16.01	20.36
27.0	1245	7.0			0.74	4.6		6.9	8.1	97.2				0.54	36.1		28.04	15.98	20.41
27.0	1245	8.0			0.73	4.5		7.0	8.1	97.5				0.63	40.8		28.04	15.98	20.40
27.0	1245	9.0			0.75	4.6		7.0	8.1	97.6				0.67	42.8		28.04	15.98	20.41
27.0	1245	10.0			0.76	4.7		7.0	8.1	97.8				0.71	45.2		28.05	15.97	20.42
27.0	1245	11.0			0.75	4.6		7.0	8.1	98.0				0.85	52.4		28.06	15.97	20.42
27.0	1245	12.0	4.6	0.35	0.75	4.6		7.0	8.1	97.9				0.92	56.3		28.06	15.97	20.42
26.0	1257	1.0			0.70	4.4		7.0	8.2	99.2				0.12	12.9	1.7	27.61	16.38	20.00
26.0	1257	2.0			0.73	4.5		7.0	8.2	98.5				0.20	17.3		27.80	16.06	20.20
26.0	1257	3.0			0.68	4.3		7.0	8.2	98.9				0.23	18.9		27.97	15.98	20.36
26.0	1257	4.0			0.63	4.0		7.0	8.3	99.4				0.24	19.5		28.09	15.92	20.46
26.0	1257	5.0			0.57	3.8		7.1	8.3	99.9				0.26	20.5		28.19	15.87	20.55
26.0	1257	6.0			0.54	3.6		7.1	8.3	100.3				0.28	21.8		28.26	15.83	20.61
26.0	1257	7.0			0.54	3.6		7.1	8.4	100.5				0.30	22.6		28.29	15.82	20.63
26.0	1257	8.0			0.55	3.7		7.1	8.4	101.2				0.31	23.5		28.31	15.81	20.65
26.0	1257	9.0			0.54	3.6		7.1	8.4	101.2				0.34	24.9		28.32	15.80	20.66
26.0	1257	10.0			0.54	3.6		7.1	8.4	101.4				0.37	26.5		28.33	15.80	20.67
25.0	1313	1.0			0.58	3.8		7.0	8.2	100.2				0.16	15.0	1.5	28.13	16.38	20.39
25.0	1313	2.0			0.59	3.8		6.9	8.1	97.5				0.16	15.0		28.18	16.21	20.46
25.0	1313	3.0			0.57	3.7		6.9	8.0	96.4				0.16	15.0		28.31	15.95	20.62
25.0	1313	4.0			0.53	3.6		6.8	7.9	94.8				0.17	15.8		28.37	15.83	20.69
25.0	1313	5.0			0.50	3.4		6.9	8.0	95.4				0.19	16.6		28.49	15.63	20.83
25.0	1313	6.0			0.49	3.4		6.9	8.0	96.1				0.21	17.7		28.54	15.55	20.88
25.0	1313	7.0			0.50	3.4		6.9	8.0	96.3				0.26	20.5		28.55	15.54	20.89
25.0	1313	8.0			0.49	3.4		6.9	8.1	96.6				0.30	22.8		28.54	15.54	20.89

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CALC	OXYG	% OXY	DISCR	CALC	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
24.0	1326	1.0			0.43	3.1		6.9	7.9	94.9		0.14	14.1		1.3	28.70	15.62	20.99
24.0	1326	2.0	2.9	0.69	0.44	3.1	7.9	6.8	7.9	94.5	14.9	0.14	14.4			28.71	15.56	21.01
24.0	1326	3.0			0.46	3.2		6.9	7.9	94.7		0.15	14.6			28.74	15.48	21.05
24.0	1326	4.0			0.48	3.3		6.9	7.9	94.9		0.15	14.8			28.75	15.45	21.06
24.0	1326	5.0			0.48	3.3		6.8	7.9	94.4		0.16	15.0			28.75	15.44	21.07
24.0	1326	6.0			0.45	3.2		6.8	7.9	94.2		0.16	15.2			28.77	15.39	21.10
24.0	1326	7.0			0.45	3.2		6.9	7.9	94.4		0.16	15.3			28.80	15.34	21.13
24.0	1326	8.0			0.46	3.2		6.9	7.9	94.8		0.17	15.5			28.80	15.33	21.13
24.0	1326	9.0			0.47	3.3		6.9	7.9	94.5		0.17	15.8			28.82	15.30	21.15
24.0	1326	10.0	3.0	0.59	0.47	3.2		6.9	7.9	94.8		0.19	16.7			28.82	15.29	21.15
23.0	1340	1.0			0.53	3.5		6.9	8.0	96.3		0.11	12.5		1.3	28.72	15.80	20.97
23.0	1340	2.0			0.52	3.5		7.0	8.1	96.9		0.11	12.5			28.83	15.41	21.13
23.0	1340	3.0			0.53	3.6		6.9	8.1	96.2		0.12	12.8			28.85	15.32	21.17
23.0	1340	4.0			0.53	3.5		7.0	8.1	96.4		0.13	13.7			28.90	15.22	21.23
23.0	1340	5.0			0.50	3.4		7.0	8.1	96.7		0.16	15.4			28.91	15.17	21.25
23.0	1340	6.0			0.50	3.4		7.0	8.1	96.4		0.17	15.6			28.92	15.16	21.26
23.0	1340	7.0			0.53	3.6		7.0	8.1	96.4		0.18	16.2			28.95	15.11	21.29
23.0	1340	8.0			0.54	3.6		7.0	8.1	96.6		0.21	17.9			28.97	15.05	21.32
23.0	1340	9.0			0.54	3.6		7.0	8.1	96.5		0.22	18.7			28.98	15.04	21.33
23.0	1340	10.0			0.54	3.6		7.0	8.1	96.6		0.24	19.6			28.99	15.01	21.34
23.0	1340	11.0			0.56	3.7		7.0	8.2	97.0		0.25	20.3			28.99	15.01	21.34
23.0	1340	12.0			0.57	3.8		7.0	8.2	96.9		0.27	21.2			28.99	15.00	21.35
23.0	1340	13.0			0.55	3.6		7.0	8.2	97.1		0.29	22.3			29.00	14.99	21.36
23.0	1340	14.0			0.55	3.7		7.0	8.2	97.4		0.30	22.8			29.00	14.99	21.35
23.0	1340	15.0			0.59	3.8		7.0	8.2	97.4		0.31	23.5			29.00	14.98	21.36
23.0	1340	16.0			0.58	3.8		7.0	8.2	97.1		0.34	24.9			29.00	14.99	21.36
22.0	1357	1.0			0.41	3.0		7.3	8.7	105.9		0.05	9.5		0.9	28.92	16.11	21.05
22.0	1357	2.0			0.43	3.0		7.2	8.6	104.2		0.05	9.2			28.91	16.24	21.02
22.0	1357	3.0			0.45	3.2		7.0	8.1	98.5		0.04	8.8			28.94	16.13	21.06
22.0	1357	4.0			0.49	3.4		6.8	7.7	92.9		0.05	9.1			29.16	15.43	21.38
22.0	1357	5.0			0.53	3.6		6.9	8.0	94.7		0.06	10.0			29.28	14.88	21.59

South San Francisco Bay

MAY 4, 1994

94124

STN	TIME	DEPTH	DISCR	CHL a/	FLUOR	CALC	DISCR	CHL a	OXYG	CALC	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
			CHL a	a+PHA							SAT	SPM						
22.0	1357	6.0			0.54	3.6		6.9	8.0	8.0	95.0		0.10	11.8		29.28	14.85	21.59
22.0	1357	7.0			0.52	3.5		6.9	8.0	8.0	94.6		0.13	13.8		29.29	14.81	21.61
22.0	1357	8.0			0.51	3.5		6.9	8.0	8.0	94.6		0.16	15.4		29.31	14.72	21.65
22.0	1357	9.0			0.51	3.4		6.9	8.1	8.1	95.2		0.18	16.3		29.34	14.65	21.69
22.0	1357	10.0			0.51	3.5		6.9	8.1	8.1	95.3		0.23	19.2		29.35	14.63	21.70
22.0	1357	11.0			0.54	3.6		6.9	8.0	8.0	95.0		0.25	20.0		29.35	14.62	21.70
22.0	1357	12.0			0.57	3.8		7.0	8.1	8.1	95.4		0.25	20.4		29.36	14.61	21.71
22.0	1357	13.0			0.57	3.8		7.0	8.1	8.1	95.4		0.28	21.4		29.36	14.60	21.72
22.0	1357	14.0			0.59	3.8		6.9	8.1	8.1	95.2		0.28	21.7		29.36	14.60	21.72
22.0	1357	15.0			0.61	3.9		7.0	8.1	8.1	95.4		0.32	23.8		29.37	14.59	21.73
22.0	1357	16.0			0.61	3.9		7.0	8.1	8.1	95.8		0.33	24.7		29.37	14.59	21.73
22.0	1357	17.0			0.61	3.9		7.0	8.1	8.1	95.5		0.33	24.5		29.38	14.58	21.73
22.0	1357	18.0			0.61	3.9		6.9	8.1	8.1	95.3		0.41	28.6		29.38	14.58	21.73
21.0	1409	1.0			0.50	3.4		7.4	9.0	9.0	109.0		0.05	9.5	1.0	28.64	16.34	20.79
21.0	1409	2.0	2.8	0.83	0.51	3.5	7.9	6.8	7.8	7.8	94.6	8.0	0.05	9.2		28.62	16.47	20.75
21.0	1409	3.0			0.51	3.5		7.0	8.1	8.1	96.8		0.05	9.1		29.04	15.29	21.32
21.0	1409	4.0			0.54	3.6		7.1	8.3	8.3	98.4		0.08	10.6		29.21	14.84	21.55
21.0	1409	5.0			0.55	3.7		7.1	8.3	8.3	98.5		0.11	12.3		29.25	14.77	21.59
21.0	1409	6.0			0.54	3.6		7.1	8.3	8.3	98.6		0.14	14.2		29.29	14.72	21.63
21.0	1409	7.0			0.54	3.6		7.1	8.3	8.3	98.6		0.18	16.2		29.33	14.66	21.68
21.0	1409	8.0			0.55	3.7		7.1	8.4	8.4	98.6		0.22	18.5		29.37	14.61	21.72
21.0	1409	9.0			0.57	3.8		7.1	8.3	8.3	98.4		0.26	20.6		29.40	14.56	21.75
21.0	1409	10.0			0.59	3.8		7.1	8.3	8.3	98.2		0.29	22.1		29.43	14.52	21.78
21.0	1409	11.0			0.63	4.0		7.1	8.3	8.3	98.2		0.35	25.8		29.46	14.48	21.82
21.0	1409	12.0			0.65	4.1		7.1	8.4	8.4	98.4		0.40	28.3		29.47	14.47	21.83
21.0	1409	13.0			0.64	4.1		7.1	8.3	8.3	98.1		0.40	28.1		29.48	14.46	21.83
21.0	1409	14.0			0.66	4.2		7.1	8.3	8.3	98.0		0.43	30.1		29.50	14.44	21.85
21.0	1409	15.0			0.65	4.1		7.1	8.3	8.3	98.0		0.44	30.5		29.51	14.42	21.86
21.0	1409	16.0			0.65	4.1		7.1	8.3	8.3	97.7		0.46	31.7		29.52	14.41	21.87
21.0	1409	17.0			0.67	4.2		7.1	8.3	8.3	97.9		0.48	32.8		29.53	14.40	21.89
21.0	1409	18.0			0.66	4.2		7.1	8.3	8.3	97.8		0.51	34.4		29.54	14.39	21.89
21.0	1409	19.0	5.1	0.47	0.65	4.1		7.1	8.3	8.3	97.9		0.54	36.0		29.54	14.39	21.89

94124

	n	r ²	Slope	Inter.	Std. Err.
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Fluorometer Calibration:	12	0.395	4.863	0.974	1.069
OBS Calibration:	6	0.990	54.378	6.496	0.854
Dissolved Oxygen Calibration:	6	0.717	1.881	-4.997	0.260

Seabird v4.026

South San Francisco Bay

May 17, 1994

94137

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	OXYG	CALC	% OXY	DISCR	CALC	EXCOF	SALIN	TEMP	SIGT
			CHL a			CHL a	OXYG	OXYG	OXYG	SAT	SPM	OBS				
36.0	0729	1.0			0.82	3.8		7.0	7.2	87.1		0.48	3.1	24.76	16.86	17.71
36.0	0729	2.0	3.6	0.67	0.82	3.8		7.1	7.3	87.1	41.7	0.46		24.73	16.85	17.68
36.0	0729	3.0			0.82	3.8		7.2	7.3	87.9		0.46		24.75	16.86	17.69
36.0	0729	4.0			0.83	3.8		7.2	7.3	88.6		0.50		25.28	17.15	18.04
36.0	0729	5.0			0.84	3.9		7.1	7.3	88.7		0.60		25.82	17.40	18.39
36.0	0729	6.0			0.84	3.9		7.0	7.2	88.5		0.68		25.94	17.45	18.48
36.0	0729	7.0	3.3	0.54	0.84	3.9		7.0	7.2	88.4		0.82		25.94	17.43	18.48
35.0	0741	1.0			0.83	3.8		7.2	7.3	88.6		0.54	3.3	25.39	17.02	18.15
35.0	0741	2.0			0.83	3.8		7.2	7.3	88.7		0.53		25.39	17.02	18.15
35.0	0741	3.0			0.84	3.9		7.3	7.3	88.8		0.53		25.39	17.03	18.15
35.0	0741	4.0			0.85	3.9		7.3	7.4	89.2		0.54		25.45	17.07	18.18
35.0	0741	5.0			0.84	3.9		7.4	7.4	89.8		0.55		25.70	17.21	18.35
35.0	0741	6.0			0.82	3.8		7.3	7.4	90.0		0.56		26.07	17.38	18.59
35.0	0741	7.0			0.82	3.8		7.2	7.3	89.7		0.65		26.15	17.42	18.64
35.0	0741	8.0			0.82	3.8		7.2	7.3	89.6		0.95		26.17	17.42	18.66
34.0	0751	1.0			0.80	3.7		7.3	7.3	89.6		0.70	3.8	26.21	17.19	18.74
34.0	0751	2.0			0.79	3.7		7.3	7.3	89.6		0.71		26.21	17.20	18.74
34.0	0751	3.0			0.80	3.7		7.3	7.4	89.7		0.70		26.21	17.20	18.74
34.0	0751	4.0			0.79	3.7		7.3	7.4	89.7		0.71		26.21	17.21	18.74
34.0	0751	5.0			0.80	3.7		7.3	7.3	89.7		0.73		26.22	17.22	18.74
34.0	0751	6.0			0.82	3.8		7.3	7.3	89.7		0.82		26.22	17.23	18.74
34.0	0751	7.0			0.83	3.8		7.3	7.3	89.7		0.94		26.23	17.23	18.74
34.0	0751	8.0			0.84	3.9		7.2	7.3	89.4		0.96		26.23	17.23	18.74
33.0	0804	1.0			0.76	3.6		7.0	7.2	87.6		0.54	3.1	25.83	17.09	18.47
33.0	0804	2.0			0.76	3.6		7.0	7.2	87.8		0.54		25.93	17.13	18.54
33.0	0804	3.0			0.77	3.6		7.0	7.2	87.9		0.57		25.99	17.16	18.58
33.0	0804	4.0			0.78	3.7		7.0	7.2	88.0		0.58		26.04	17.19	18.61
33.0	0804	5.0			0.79	3.7		7.0	7.2	88.1		0.58		26.09	17.21	18.65
33.0	0804	6.0			0.80	3.7		7.0	7.2	88.2		0.60		26.18	17.25	18.70
33.0	0804	7.0			0.81	3.8		7.0	7.2	88.4		0.62		26.27	17.28	18.76

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CALC	OXYG	% OXY	DISCR	CALC	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
			CHL a			CHL a	OXYG	OXYG	SAT	SPM								
33.0	0804	8.0			0.82	3.8		7.0	7.2	88.5			0.66	57.0		26.33	17.31	18.80
33.0	0804	9.0			0.85	3.9		7.0	7.2	88.4			0.80	68.9		26.39	17.33	18.84
33.0	0804	10.0			0.87	4.0		7.0	7.2	88.4			0.88	75.6		26.40	17.34	18.85
33.0	0804	11.0			0.89	4.0		7.0	7.2	88.6			0.98	83.7		26.41	17.35	18.86
33.0	0804	12.0			0.91	4.1		7.0	7.2	88.4			1.14	97.2		26.42	17.35	18.86
33.0	0804	13.0			0.90	4.1		7.0	7.2	88.5			1.28	108.6		26.42	17.35	18.86
32.0	0813	1.0			0.77	3.6		7.3	7.4	89.7			0.44	39.3	2.6	26.08	17.16	18.65
32.0	0813	2.0	3.4	0.66	0.77	3.6	7.2	7.3	7.4	89.8	37.8		0.43	38.4		26.07	17.16	18.64
32.0	0813	3.0			0.76	3.6		7.4	7.4	89.9			0.43	37.9		26.11	17.19	18.67
32.0	0813	4.0			0.76	3.6		7.3	7.4	90.0			0.43	38.3		26.23	17.25	18.74
32.0	0813	5.0			0.78	3.7		7.3	7.4	90.1			0.45	39.6		26.32	17.28	18.81
32.0	0813	6.0			0.80	3.7		7.3	7.4	90.1			0.46	41.0		26.37	17.29	18.84
32.0	0813	7.0			0.80	3.7		7.3	7.4	90.1			0.48	42.3		26.36	17.28	18.84
32.0	0813	8.0			0.80	3.7		7.3	7.4	90.2			0.50	44.5		26.38	17.29	18.85
32.0	0813	9.0			0.83	3.8		7.3	7.4	90.2			0.53	46.4		26.48	17.33	18.92
32.0	0813	10.0			0.86	3.9		7.3	7.4	90.2			0.65	56.7		26.51	17.34	18.94
32.0	0813	11.0			0.89	4.0		7.4	7.4	90.5			0.86	73.7		26.55	17.35	18.96
32.0	0813	12.0			0.93	4.2		7.2	7.3	89.9			0.98	84.0		26.55	17.35	18.97
32.0	0813	13.0	4.0	0.34	0.94	4.2		7.3	7.4	89.8			1.24	105.6		25.75	17.36	18.35
31.0	0825	1.0			0.80	3.7		7.5	7.4	90.9			0.31	28.5	2.1	26.52	17.25	18.96
31.0	0825	2.0			0.79	3.7		7.5	7.4	91.0			0.31	28.0		26.56	17.27	18.99
31.0	0825	3.0			0.79	3.7		7.5	7.4	91.1			0.34	30.8		26.63	17.35	19.03
31.0	0825	4.0			0.81	3.8		7.4	7.4	91.0			0.42	37.4		26.73	17.41	19.08
31.0	0825	5.0			0.84	3.9		7.4	7.4	91.0			0.52	45.5		26.78	17.44	19.12
31.0	0825	6.0			0.84	3.9		7.4	7.4	91.1			0.58	50.7		26.83	17.44	19.16
31.0	0825	7.0			0.83	3.8		7.4	7.4	91.1			0.57	50.3		26.88	17.43	19.20
31.0	0825	8.0			0.82	3.8		7.4	7.4	91.1			0.58	50.5		26.91	17.43	19.22
31.0	0825	9.0			0.83	3.8		7.4	7.4	91.2			0.61	53.6		26.94	17.43	19.24
31.0	0825	10.0			0.86	3.9		7.4	7.4	91.2			0.70	60.7		27.00	17.45	19.28
31.0	0825	11.0			0.89	4.0		7.4	7.4	91.3			0.88	75.3		27.06	17.46	19.33
31.0	0825	12.0			0.93	4.2		7.4	7.4	91.2			1.11	95.0		27.09	17.47	19.35

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STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CHL a	OXYG	CALC	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
31.0	0825	13.0			0.99	4.4			7.4	7.4	91.2		1.42	120.3		27.12	17.47	19.37
31.0	0825	14.0			0.99	4.4			7.4	7.4	91.2		1.54	130.9		27.13	17.47	19.38
30.0	0841	1.0			0.74	3.5			7.6	7.5	91.8		0.24	22.6	2.0	27.03	17.19	19.37
30.0	0841	2.0	3.7	0.67	0.74	3.5			7.6	7.5	91.8	22.7	0.25	23.1		27.03	17.19	19.37
30.0	0841	3.0			0.73	3.5			7.6	7.5	91.8		0.24	22.7		27.03	17.19	19.37
30.0	0841	4.0			0.73	3.5			7.6	7.5	91.8		0.24	22.7		27.03	17.19	19.37
30.0	0841	5.0			0.73	3.5			7.6	7.5	91.8		0.24	22.6		27.04	17.20	19.37
30.0	0841	6.0			0.74	3.5			7.6	7.5	91.9		0.24	22.6		27.04	17.20	19.37
30.0	0841	7.0			0.74	3.5			7.6	7.5	92.0		0.25	23.1		27.07	17.24	19.39
30.0	0841	8.0			0.75	3.6			7.6	7.5	92.0		0.32	29.0		27.12	17.27	19.41
30.0	0841	9.0			0.77	3.6			7.6	7.5	92.0		0.46	40.4		27.19	17.30	19.46
30.0	0841	10.0			0.79	3.7			7.6	7.5	92.0		0.72	62.3		27.25	17.33	19.50
30.0	0841	11.0			0.81	3.8			7.6	7.5	91.9		0.73	62.8		27.26	17.33	19.51
30.0	0841	12.0			0.84	3.9			7.6	7.5	92.0		0.93	80.1		27.29	17.34	19.53
30.0	0841	13.0			0.87	4.0			7.5	7.5	91.8		1.13	96.4		27.30	17.34	19.54
30.0	0841	14.0	4.7	0.26	0.87	4.0			7.5	7.5	91.8		1.39	118.5		27.30	17.34	19.54
29.5	0912	1.0			0.73	3.5			7.7	7.5	92.1		0.25	23.6	2.0	27.11	17.15	19.44
29.5	0912	2.0			0.73	3.5			7.7	7.5	92.1		0.25	23.1		27.11	17.15	19.44
29.5	0912	3.0			0.74	3.6			7.7	7.5	92.1		0.25	23.6		27.12	17.15	19.44
29.5	0912	4.0			0.75	3.6			7.7	7.5	92.1		0.25	23.1		27.11	17.15	19.44
29.5	0912	5.0			0.73	3.5			7.7	7.5	92.1		0.25	23.1		27.12	17.16	19.44
29.5	0912	6.0			0.74	3.5			7.7	7.5	92.1		0.26	23.8		27.12	17.16	19.44
29.5	0912	7.0			0.74	3.5			7.7	7.5	92.1		0.26	23.9		27.12	17.16	19.44
29.5	0912	8.0			0.73	3.5			7.7	7.5	92.2		0.28	25.4		27.15	17.17	19.46
29.5	0912	9.0			0.74	3.5			7.7	7.5	92.2		0.30	27.8		27.19	17.20	19.49
29.5	0912	10.0			0.75	3.6			7.7	7.5	92.2		0.35	31.9		27.23	17.22	19.51
29.5	0912	11.0			0.76	3.6			7.7	7.5	92.3		0.43	38.2		27.27	17.26	19.54
29.5	0912	12.0			0.78	3.7			7.6	7.5	92.3		0.47	41.9		27.34	17.30	19.58
29.5	0912	13.0			0.79	3.7			7.6	7.5	92.2		0.54	47.6		27.36	17.31	19.59
29.5	0912	14.0			0.80	3.7			7.6	7.5	92.3		0.60	52.6		27.38	17.31	19.60
29.5	0912	15.0			0.81	3.8			7.6	7.5	92.2		0.71	61.5		27.38	17.31	19.60

STN	TIME	DEPTH	DISCR		CHL a/ a+PHA	FLUOR	CALC		DISCR	CALC		% OXY	SAT	SPM	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
			CHL a	CHL a			CHL a	CHL a		OXYG	OXYG										
29.5	0912	16.0			0.81	3.8	7.6	7.5	92.2			0.71	61.5		27.38	17.31	19.60				
29.0	0924	1.0			0.72	3.5	7.5	7.4	90.9			0.23	21.3	1.7	27.08	17.15	19.41				
29.0	0924	2.0			0.72	3.5	7.5	7.4	91.0			0.22	20.5		27.09	17.16	19.42				
29.0	0924	3.0			0.69	3.4	7.5	7.4	91.1			0.22	20.9		27.20	17.20	19.50				
29.0	0924	4.0			0.66	3.3	7.4	7.4	91.0			0.23	21.6		27.26	17.20	19.54				
29.0	0924	5.0			0.66	3.3	7.5	7.4	91.1			0.23	22.0		27.30	17.19	19.57				
29.0	0924	6.0			0.65	3.2	7.5	7.4	91.2			0.23	21.6		27.31	17.19	19.58				
29.0	0924	7.0			0.64	3.2	7.5	7.4	91.4			0.22	21.2		27.35	17.20	19.61				
29.0	0924	8.0			0.65	3.2	7.5	7.4	91.6			0.23	21.4		27.55	17.28	19.74				
29.0	0924	9.0			0.66	3.3	7.5	7.4	91.7			0.27	24.6		27.76	17.32	19.90				
29.0	0924	10.0			0.68	3.4	7.5	7.4	91.7			0.33	29.6		27.88	17.32	19.99				
29.0	0924	11.0			0.71	3.4	7.5	7.4	91.8			0.35	31.9		27.98	17.31	20.07				
29.0	0924	12.0			0.71	3.5	7.5	7.4	91.8			0.42	37.7		28.01	17.30	20.09				
29.0	0924	13.0			0.71	3.5	7.5	7.4	92.1			0.48	42.5		28.05	17.29	20.12				
29.0	0924	14.0			0.72	3.5	7.5	7.4	91.9			0.55	48.2		28.07	17.29	20.14				
29.0	0924	15.0			0.72	3.5	7.5	7.4	91.9			0.57	50.1		28.09	17.28	20.16				
28.0	0937	1.0			0.69	3.4	6.3	6.9	85.2			0.20	19.3	1.6	27.43	17.17	19.68				
28.0	0937	2.0			0.69	3.4	6.3	6.9	85.2			0.20	18.8		27.44	17.17	19.68				
28.0	0937	3.0			0.68	3.3	6.3	6.9	85.3			0.20	18.8		27.45	17.19	19.69				
28.0	0937	4.0			0.65	3.2	6.3	6.9	85.3			0.20	19.0		27.50	17.22	19.72				
28.0	0937	5.0			0.63	3.2	6.3	6.9	85.4			0.22	20.5		27.56	17.23	19.76				
28.0	0937	6.0			0.62	3.2	6.3	6.9	85.3			0.23	21.3		27.65	17.27	19.82				
28.0	0937	7.0			0.63	3.2	6.3	6.9	85.3			0.25	23.1		27.70	17.20	19.88				
28.0	0937	8.0			0.66	3.3	6.3	6.9	85.5			0.28	25.5		27.82	17.21	19.96				
28.0	0937	9.0			0.69	3.4	6.3	6.9	85.6			0.33	30.3		27.95	17.21	20.06				
28.0	0937	10.0			0.72	3.5	6.3	6.9	85.7			0.45	39.7		28.05	17.21	20.14				
28.0	0937	11.0			0.75	3.6	6.3	6.9	85.7			0.59	51.3		28.13	17.20	20.21				
28.0	0937	12.0			0.77	3.6	6.3	7.0	85.8			0.83	71.3		28.19	17.20	20.25				
28.0	0937	13.0			0.79	3.7	6.4	7.0	85.9			0.92	78.7		28.21	17.20	20.26				
28.0	0937	14.0			0.81	3.8	6.4	7.0	85.9			1.14	96.9		28.25	17.19	20.30				
28.0	0937	15.0			0.80	3.7	6.4	7.0	85.9			1.22	103.6		28.25	17.19	20.30				

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STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CALC	OXYG	% OXY	DISCR	OBS	CALC	EXCOF	SALIN	TEMP	SIGT
			CHL a			CHL a	OXYG	OXYG		SAT	SPM		SPM				
27.0	0949	1.0			0.69	3.4	7.7	7.5	92.4			0.15	14.9	1.4	27.77	17.06	19.96
27.0	0949	2.0	3.7	0.70	0.69	3.4	7.6	7.5	92.4		15.9	0.15	14.7		27.77	17.05	19.96
27.0	0949	3.0			0.66	3.3	7.7	7.5	92.4			0.15	14.8		27.80	17.05	19.99
27.0	0949	4.0			0.62	3.2	7.7	7.5	92.4			0.16	15.8		27.92	17.05	20.08
27.0	0949	5.0			0.60	3.1	7.7	7.5	92.4			0.24	22.3		28.09	17.04	20.21
27.0	0949	6.0			0.60	3.1	7.7	7.5	92.4			0.29	26.8		28.11	17.04	20.23
27.0	0949	7.0			0.61	3.1	7.7	7.5	92.4			0.33	29.7		28.17	17.03	20.27
27.0	0949	8.0			0.63	3.2	7.7	7.5	92.4			0.40	35.8		28.19	17.03	20.29
27.0	0949	9.0			0.64	3.2	7.7	7.5	92.4			0.45	39.8		28.22	17.03	20.31
27.0	0949	10.0			0.64	3.2	7.7	7.5	92.4			0.48	42.6		28.24	17.03	20.32
27.0	0949	11.0			0.65	3.2	7.7	7.5	92.4			0.50	44.0		28.24	17.03	20.33
27.0	0949	12.0	3.3	0.49	0.66	3.3	7.7	7.5	92.8			0.59	51.5		28.24	17.03	20.33
26.0	1000	1.0			0.60	3.1	7.8	7.6	93.1			0.19	18.1	1.7	28.05	16.96	20.20
26.0	1000	2.0			0.58	3.0	7.8	7.6	93.0			0.20	18.8		28.10	16.96	20.24
26.0	1000	3.0			0.57	3.0	7.8	7.6	93.1			0.23	21.3		28.14	16.96	20.27
26.0	1000	4.0			0.56	3.0	7.8	7.6	93.1			0.25	23.6		28.15	16.96	20.27
26.0	1000	5.0			0.57	3.0	7.8	7.6	93.1			0.27	24.8		28.16	16.96	20.28
26.0	1000	6.0			0.58	3.0	7.8	7.6	93.1			0.27	25.2		28.17	16.95	20.29
26.0	1000	7.0			0.60	3.1	7.8	7.6	93.1			0.30	27.2		28.17	16.95	20.30
26.0	1000	8.0			0.62	3.1	7.8	7.6	93.2			0.70	61.0		28.18	16.95	20.30
26.0	1000	9.0			0.62	3.2	7.8	7.6	93.1			0.35	31.4		28.20	16.95	20.32
26.0	1000	10.0			0.63	3.2	7.8	7.6	93.1			0.35	31.3		28.20	16.95	20.32
25.0	1016	1.0			0.55	2.9	7.9	7.6	93.1			0.30	27.1	2.0	28.43	16.79	20.53
25.0	1016	2.0			0.54	2.9	7.9	7.6	93.1			0.30	27.7		28.43	16.78	20.53
25.0	1016	3.0			0.53	2.9	7.9	7.6	93.1			0.31	28.4		28.43	16.79	20.53
25.0	1016	4.0			0.55	2.9	7.9	7.6	93.1			0.32	28.9		28.43	16.78	20.53
25.0	1016	5.0			0.55	2.9	7.9	7.6	93.1			0.31	28.7		28.44	16.78	20.54
25.0	1016	6.0			0.55	2.9	7.9	7.6	93.1			0.32	29.4		28.44	16.77	20.54
25.0	1016	7.0			0.54	2.9	7.9	7.6	93.1			0.35	31.9		28.44	16.77	20.54
25.0	1016	8.0			0.53	2.9	7.9	7.6	93.1			0.35	31.9		28.44	16.77	20.54

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CHL a	OXYG	CALC	% OXY	DISCR	CALC	EXCOF	SALIN	TEMP	SIGT
			CHL a				OXYG		OXYG		SAT	SPM	OBS				
24.0	1029	1.0			0.46	2.6			7.8	7.6	92.5		0.26	1.7	28.68	16.44	20.80
24.0	1029	2.0	2.5	0.53	0.47	2.6	7.6		7.8	7.6	92.5	25.6	0.26		28.68	16.43	20.80
24.0	1029	3.0			0.47	2.6			7.8	7.6	92.5		0.27		28.68	16.43	20.80
24.0	1029	4.0			0.47	2.6			7.8	7.6	92.5		0.26		28.68	16.43	20.80
24.0	1029	5.0			0.46	2.6			7.8	7.6	92.5		0.26		28.68	16.43	20.80
24.0	1029	6.0			0.46	2.6			7.8	7.6	92.5		0.27		28.69	16.43	20.81
24.0	1029	7.0			0.47	2.7			7.8	7.6	92.5		0.28		28.69	16.42	20.81
24.0	1029	8.0			0.48	2.7			7.8	7.6	92.4		0.28		28.69	16.42	20.81
24.0	1029	9.0			0.49	2.7			7.8	7.6	92.5		0.29		28.70	16.42	20.81
24.0	1029	10.0	2.6	0.43	0.50	2.7			7.8	7.6	92.4		0.30		28.70	16.41	20.82
23.0	1047	1.0			0.53	2.9			7.9	7.6	92.5		0.27	1.7	28.79	16.34	20.90
23.0	1047	2.0			0.53	2.9			7.9	7.6	92.6		0.27		28.79	16.33	20.90
23.0	1047	3.0			0.54	2.9			7.9	7.6	92.6		0.28		28.79	16.33	20.91
23.0	1047	4.0			0.53	2.8			7.8	7.6	92.4		0.28		28.79	16.33	20.91
23.0	1047	5.0			0.52	2.8			7.9	7.6	92.4		0.27		28.80	16.30	20.92
23.0	1047	6.0			0.53	2.9			7.9	7.6	92.4		0.28		28.81	16.29	20.93
23.0	1047	7.0			0.52	2.8			7.9	7.6	92.4		0.31		28.81	16.29	20.93
23.0	1047	8.0			0.50	2.8			7.8	7.6	92.3		0.32		28.81	16.28	20.93
23.0	1047	9.0			0.50	2.8			7.8	7.6	92.3		0.33		28.82	16.27	20.94
23.0	1047	10.0			0.51	2.8			7.8	7.6	92.2		0.35		28.83	16.26	20.95
23.0	1047	11.0			0.51	2.8			7.8	7.6	92.2		0.39		28.84	16.25	20.96
23.0	1047	12.0			0.54	2.9			7.8	7.6	92.2		0.40		28.84	16.25	20.96
23.0	1047	13.0			0.54	2.9			7.9	7.6	92.3		0.43		28.84	16.25	20.96
23.0	1047	14.0			0.53	2.9			7.8	7.6	92.2		0.43		28.84	16.24	20.97
23.0	1047	15.0			0.53	2.9			7.8	7.6	92.2		0.46		28.84	16.24	20.97
22.0	1104	1.0			0.49	2.7			7.7	7.5	91.1		0.19	1.5	28.93	16.11	21.07
22.0	1104	2.0			0.49	2.7			7.7	7.5	91.1		0.19		28.98	16.05	21.11
22.0	1104	3.0			0.46	2.6			7.7	7.5	91.1		0.18		29.00	16.03	21.14
22.0	1104	4.0			0.45	2.6			7.6	7.5	90.8		0.18		29.03	16.00	21.16
22.0	1104	5.0			0.45	2.6			7.6	7.5	90.6		0.18		29.11	15.90	21.24
22.0	1104	6.0			0.45	2.6			7.6	7.5	90.5		0.19		29.15	15.86	21.28

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STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	OXYG	CALC	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
			CHL a			CHL a	OXYG	OXYG	OXYG	SAT	SPM						
22.0	1104	7.0			0.47	2.7		7.6	7.5	90.5		0.20	18.9		29.18	15.83	21.31
22.0	1104	8.0			0.50	2.7		7.6	7.5	90.3		0.21	20.2		29.20	15.81	21.33
22.0	1104	9.0			0.52	2.8		7.6	7.5	90.3		0.22	20.8		29.27	15.73	21.41
22.0	1104	10.0			0.53	2.9		7.6	7.5	90.3		0.25	23.6		29.30	15.69	21.44
22.0	1104	11.0			0.54	2.9		7.6	7.5	90.3		0.27	24.8		29.32	15.68	21.45
22.0	1104	12.0			0.54	2.9		7.6	7.5	90.3		0.29	27.0		29.34	15.65	21.47
22.0	1104	13.0			0.55	2.9		7.6	7.5	90.2		0.30	27.2		29.35	15.64	21.49
22.0	1104	14.0			0.56	3.0		7.6	7.5	90.2		0.33	30.2		29.37	15.61	21.51
22.0	1104	15.0			0.57	3.0		7.6	7.5	90.2		0.36	32.3		29.38	15.60	21.51
22.0	1104	16.0			0.59	3.0		7.6	7.5	90.2		0.35	32.0		29.38	15.60	21.51
22.0	1104	17.0			0.60	3.1		7.6	7.5	90.2		0.38	33.9		29.40	15.58	21.53
22.0	1104	18.0			0.58	3.0		7.6	7.5	90.1		0.42	37.1		29.41	15.56	21.54
22.0	1104	19.0			0.57	3.0		7.6	7.5	90.1		0.43	38.2		29.42	15.54	21.56
21.0	1116	1.0			0.52	2.8		7.2	7.3	88.2		0.25	23.0	1.7	29.37	15.60	21.51
21.0	1116	2.0	2.9	0.59	0.52	2.8	7.5	7.2	7.3	88.2	20.8	0.26	23.8		29.38	15.59	21.52
21.0	1116	3.0			0.51	2.8		7.2	7.3	88.2		0.27	25.1		29.39	15.58	21.53
21.0	1116	4.0			0.51	2.8		7.2	7.3	88.1		0.28	25.6		29.42	15.55	21.56
21.0	1116	5.0			0.54	2.9		7.2	7.3	88.0		0.30	27.8		29.45	15.52	21.58
21.0	1116	6.0			0.59	3.0		7.2	7.3	87.9		0.35	31.3		29.47	15.50	21.61
21.0	1116	7.0			0.61	3.1		7.2	7.3	88.0		0.44	39.4		29.48	15.49	21.61
21.0	1116	8.0			0.61	3.1		7.2	7.3	88.0		0.51	45.0		29.48	15.49	21.61
21.0	1116	9.0			0.62	3.1		7.2	7.3	88.0		0.52	46.1		29.47	15.50	21.61
21.0	1116	10.0			0.63	3.2		7.2	7.3	87.9		0.52	46.2		29.48	15.49	21.62
21.0	1116	11.0			0.63	3.2		7.2	7.3	87.9		0.58	50.6		29.52	15.45	21.66
21.0	1116	12.0			0.64	3.2		7.2	7.3	87.9		0.62	54.0		29.52	15.44	21.66
21.0	1116	13.0			0.67	3.3		7.2	7.3	87.9		0.66	57.6		29.53	15.44	21.67
21.0	1116	14.0			0.68	3.4		7.2	7.3	87.9		0.71	61.6		29.54	15.43	21.67
21.0	1116	15.0			0.69	3.4		7.2	7.3	87.9		0.72	62.5		29.54	15.43	21.68
21.0	1116	16.0			0.68	3.4		7.2	7.3	87.8		0.73	63.0		29.55	15.41	21.69
21.0	1116	17.0			0.67	3.3		7.2	7.3	87.8		0.73	63.3		29.56	15.40	21.70
21.0	1116	18.0			0.65	3.2		7.2	7.3	87.8		0.73	62.8		29.57	15.39	21.71
21.0	1116	19.0	3.3	0.36	0.64	3.2		7.2	7.3	87.9		0.73	62.9		29.58	15.38	21.72

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STN	TIME	DEPTH	DISCR	CHL a	FLUOR	CALC	DISCR	CALC	% OXY	DISCR	OBS	CALC	EXCOF	SALIN	TEMP	SIGT
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	n	r ²	slope	Inter.	Std. Err.
Fluorometer Calibration:	12	0.710	3.287	1.108	0.340
OBS Calibration:	6	0.971	83.118	2.523	1.930
Dissolved Oxygen Calibration:	5	0.383	0.423	4.270	0.161

SeaBird v4.026

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	CALC OXYG	% OXY SAT	DISCR SPN	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
657.0	1934	1.0			0.43	1.6					0.17	18.0	1.6	0.09	19.48	0.00
657.0	1934	2.0	1.9	0.57	0.42	1.6	7.8			19.3	0.16	17.6		0.09	19.49	0.00
657.0	1934	3.0			0.41	1.5					0.17	17.9		0.09	19.51	0.00
657.0	1934	4.0			0.45	1.8					0.17	18.3		0.09	19.52	0.00
657.0	1934	5.0			0.47	2.0					0.20	20.5		0.09	19.52	0.00
657.0	1934	6.0			0.45	1.8					0.21	21.1		0.09	19.52	0.00
657.0	1934	7.0			0.44	1.7					0.21	21.2		0.09	19.52	0.00
657.0	1934	8.0			0.43	1.7					0.23	22.2		0.09	19.52	0.00
657.0	1934	9.0			0.44	1.8					0.23	22.6		0.09	19.53	0.00
657.0	1934	10.0			0.45	1.8					0.24	23.2		0.09	19.53	0.00
657.0	1934	11.0	2.1	0.43	0.45	1.8					0.25	24.2		0.09	19.53	0.00
653.0	1909	1.0			1.13	8.3					0.21	20.7	1.8	0.10	19.04	0.00
653.0	1909	2.0			1.23	9.2					0.21	21.1		0.10	18.94	0.00
653.0	1909	3.0			1.26	9.6					0.23	22.7		0.11	18.90	0.00
653.0	1909	4.0			1.30	9.9					0.27	25.1		0.11	18.80	0.00
653.0	1909	5.0			1.32	10.1					0.29	27.0		0.11	18.77	0.00
653.0	1909	6.0			1.48	11.6					0.32	28.6		0.11	18.76	0.00
653.0	1909	7.0			1.37	10.6					0.32	28.8		0.11	18.76	0.00
653.0	1909	8.0			1.24	9.4					0.34	30.3		0.11	18.76	0.00
649.0	1843	1.0			1.70	13.7					0.42	36.3	2.8	0.15	18.33	0.00
649.0	1843	2.0	20.0	0.82	1.62	12.9	9.3			43.1	0.41	35.7		0.15	18.32	0.00
649.0	1843	3.0			1.47	11.6					0.41	35.4		0.16	18.31	0.00
649.0	1843	4.0			1.56	12.3					0.41	35.3		0.17	18.29	0.00
649.0	1843	5.0			1.70	13.7					0.41	35.2		0.17	18.27	0.00
649.0	1843	6.0			1.51	11.9					0.39	34.2		0.18	18.28	0.00
649.0	1843	7.0			1.58	12.5					0.38	33.6		0.18	18.27	0.00
649.0	1843	8.0			1.84	15.1					0.39	33.7		0.18	18.27	0.00
649.0	1843	9.0			2.03	16.8					0.39	34.2		0.18	18.27	0.00
649.0	1843	10.0			2.37	20.1					0.41	35.2		0.19	18.27	0.00
649.0	1843	11.0	17.7	0.79	2.39	20.3					0.41	35.3		0.18	18.27	0.00

STN	TIME	DEPTH	DISCR	CHL a	CHL a/ a+PHA	FLUOR	CALC	DISCR	CALC	OXYG	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
2.0	1825	1.0				1.09	7.9						0.45	38.3	2.8	0.28	18.18	0.00
2.0	1825	2.0				1.07	7.7						0.44	37.7		0.30	18.14	0.00
2.0	1825	3.0				1.17	8.7						0.44	37.2		0.36	18.17	0.00
2.0	1825	4.0				1.22	9.1						0.48	40.6		0.43	18.19	0.00
2.0	1825	5.0				1.13	8.3						0.56	46.1		0.47	18.20	0.00
2.0	1825	6.0				1.09	7.9						0.63	51.5		0.49	18.21	0.00
2.0	1825	7.0				1.11	8.1						0.63	51.5		0.50	18.21	0.00
2.0	1825	8.0				1.23	9.3						0.64	51.7		0.50	18.21	0.00
2.0	1825	9.0				1.24	9.3						0.65	52.5		0.50	18.20	0.00
2.0	1825	10.0				1.33	10.2						0.69	55.3		0.50	18.20	0.00
2.0	1825	11.0				1.41	10.9						0.72	57.7		0.50	18.20	0.00
3.0	1804	1.0				1.03	7.3						0.44	37.2	2.7	0.35	18.24	0.00
3.0	1804	2.0			0.75	0.94	6.5					28.4	0.41	35.4		0.38	18.25	0.00
3.0	1804	3.0	7.1			0.87	5.8		9.2				0.42	36.0		0.43	18.19	0.00
3.0	1804	4.0				0.77	4.8						0.42	36.0		0.48	18.14	0.00
3.0	1804	5.0				0.76	4.8						0.44	37.7		0.51	18.09	0.00
3.0	1804	6.0				0.86	5.7						0.48	40.4		0.52	18.10	0.00
3.0	1804	7.0				0.89	6.0						0.55	45.4		0.53	18.10	0.00
3.0	1804	8.0				1.02	7.2						0.58	47.7		0.54	18.11	0.00
3.0	1804	9.0				1.02	7.2						0.65	52.3		0.54	18.11	0.00
3.0	1804	10.0				1.07	7.8						0.70	56.3		0.53	18.12	0.00
3.0	1804	11.0	5.5	0.72		1.19	8.9						0.91	71.2		0.53	18.11	0.00
4.0	1742	1.0				0.65	3.8						0.46	39.2	2.8	0.63	18.11	0.00
4.0	1742	2.0				0.67	3.9						0.47	39.5		0.66	17.94	0.00
4.0	1742	3.0				0.65	3.8						0.48	40.2		0.69	17.92	0.00
4.0	1742	4.0				0.70	4.2						0.49	40.8		0.70	17.91	0.00
4.0	1742	5.0				0.71	4.3						0.51	42.3		0.70	17.90	0.00
4.0	1742	6.0				0.64	3.6						0.51	42.6		0.71	17.90	0.00
4.0	1742	7.0				0.63	3.6						0.52	43.1		0.71	17.90	0.00
4.0	1742	8.0				0.64	3.6						0.53	44.1		0.72	17.90	0.00
4.0	1742	9.0				0.62	3.5						0.57	47.1		0.72	17.90	0.00

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STN	TIME	DEPTH	DISCR	CHL a/	FLUOR	CALC	DISCR	CHL a	OXYG	CALC	% OXY	DISCR	OBS	SPM	CALC	EXCOF	SALIN	TEMP	SIGT
			CHL a	a+PHA								SPM							
4.0	1742	10.0			0.71	4.3							0.63	51.0			0.73	17.90	0.00
4.0	1742	11.0			0.74	4.6							0.69	55.1			0.73	17.90	0.00
4.0	1742	12.0			0.71	4.3							0.73	58.4			0.73	17.90	0.00
4.0	1742	13.0			0.78	4.9							0.76	60.4			0.72	17.89	0.00
4.0	1742	14.0			0.73	4.5							0.91	71.3			0.72	17.89	0.00
4.0	1742	15.0			0.68	4.1							0.93	72.6			0.72	17.90	0.00
5.0	1724	1.0			0.52	2.5			8.5	8.3	88.5		0.65	52.5	3.4		1.05	18.00	0.00
5.0	1724	2.0			0.51	2.4			8.5	8.3	88.9		0.62	50.7			1.05	17.99	0.00
5.0	1724	3.0			0.50	2.3			8.5	8.3	88.8		0.62	50.7			1.05	17.99	0.00
5.0	1724	4.0			0.50	2.3			8.5	8.3	88.7		0.64	51.6			1.05	17.98	0.00
5.0	1724	5.0			0.57	2.9			8.5	8.3	88.9		0.66	53.2			1.06	17.97	0.00
5.0	1724	6.0			0.60	3.3			8.5	8.3	88.9		0.67	53.8			1.06	17.97	0.00
5.0	1724	7.0			0.60	3.2			8.6	8.4	89.0		0.67	54.3			1.07	17.98	0.00
5.0	1724	8.0			0.59	3.1			8.6	8.4	89.0		0.73	58.1			1.07	17.98	0.00
5.0	1724	9.0			0.57	2.9			8.6	8.4	89.1		0.75	60.0			1.07	17.97	0.00
5.0	1724	10.0			0.56	2.9			8.6	8.4	89.2		0.92	71.7			1.06	17.97	0.00
5.0	1724	11.0			0.56	2.9			8.6	8.4	89.3		0.91	71.5			1.06	17.97	0.00
5.0	1724	12.0			0.57	3.0			8.6	8.4	89.1		0.88	68.8			1.06	17.97	0.00
6.0	1656	1.0			0.47	2.0			9.2	8.9	96.2		0.69	55.1	3.5		2.21	18.25	0.25
6.0	1656	2.0	1.8	0.59	0.47	2.0	8.8		9.1	8.9	95.5	42.4	0.67	53.7			2.36	18.19	0.37
6.0	1656	3.0			0.47	2.0			9.1	8.9	95.6		0.69	55.1			2.44	18.08	0.45
6.0	1656	4.0			0.47	2.0			9.2	8.9	95.8		0.72	57.9			2.54	18.05	0.53
6.0	1656	5.0			0.47	2.1			9.2	8.9	96.2		0.72	57.7			2.63	18.04	0.61
6.0	1656	6.0			0.47	2.1			9.1	8.9	95.5		0.74	58.8			2.78	18.10	0.71
6.0	1656	7.0			0.48	2.1			9.1	8.9	95.5		0.73	58.5			2.89	18.00	0.81
6.0	1656	8.0			0.48	2.1			9.1	8.8	95.2		0.73	58.6			2.99	17.96	0.89
6.0	1656	9.0			0.49	2.2			9.1	8.8	95.3		0.79	62.7			3.29	17.89	1.13
6.0	1656	10.0			0.52	2.5			9.1	8.9	95.5		0.90	70.4			3.43	17.86	1.25
6.0	1656	11.0			0.64	3.6			9.1	8.9	95.6		1.10	85.1			3.44	17.85	1.26
6.0	1656	12.0	1.3	0.31	0.67	3.9			9.1	8.9	95.5		1.44	109.6			3.44	17.86	1.25

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	OXYG	OXYG	CALC	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
7.0	1633	1.0			0.45	1.8		9.1	8.9	8.9	95.9		0.71	57.0	3.7	4.46	17.74	2.06
7.0	1633	2.0			0.45	1.8		9.1	8.9	8.9	95.9		0.76	60.8		4.57	17.71	2.15
7.0	1633	3.0			0.46	1.9		9.1	8.9	8.9	96.2		0.90	70.7		4.79	17.71	2.31
7.0	1633	4.0			0.47	2.1		9.1	8.8	8.8	96.0		0.99	76.7		4.93	17.74	2.42
7.0	1633	5.0			0.49	2.3		9.1	8.8	8.8	95.9		1.02	79.0		5.17	17.73	2.60
7.0	1633	6.0			0.50	2.3		9.0	8.8	8.8	95.3		1.02	79.5		5.26	17.69	2.68
7.0	1633	7.0			0.50	2.3		9.0	8.8	8.8	95.4		1.10	84.6		5.37	17.61	2.78
7.0	1633	8.0			0.53	2.6		9.1	8.8	8.8	95.4		1.45	110.0		5.49	17.57	2.88
7.0	1633	9.0			0.56	2.9		9.1	8.8	8.8	95.6		1.75	131.3		5.55	17.54	2.92
7.0	1633	10.0			0.56	2.9		9.1	8.8	8.8	95.7		1.89	142.0		5.55	17.54	2.93
7.0	1633	11.0			0.57	3.0		9.1	8.8	8.8	95.7		1.88	140.7		5.55	17.54	2.93
7.0	1633	12.0			0.57	3.0		9.1	8.8	8.8	95.8		1.97	147.2		5.56	17.54	2.93
7.0	1633	13.0			0.57	3.0		9.1	8.8	8.8	95.8		2.03	151.9		5.57	17.53	2.94
7.0	1633	14.0			0.58	3.1		9.1	8.8	8.8	95.9		2.08	155.1		5.57	17.54	2.94
7.0	1633	15.0			0.58	3.1		9.1	8.8	8.8	95.9		2.08	155.0		5.57	17.53	2.94
7.0	1633	16.0			0.58	3.1		9.1	8.8	8.8	95.9		2.31	171.5		5.58	17.53	2.95
8.0	1606	1.0			0.41	1.5		8.9	8.7	8.7	94.5		0.56	46.1	3.0	6.37	17.61	3.53
8.0	1606	2.0			0.41	1.5		8.9	8.7	8.7	94.8		0.63	51.1		6.55	17.48	3.70
8.0	1606	3.0			0.42	1.6		9.0	8.7	8.7	95.0		0.72	57.6		6.68	17.47	3.80
8.0	1606	4.0			0.44	1.8		9.0	8.7	8.7	95.1		0.77	61.6		6.77	17.47	3.86
8.0	1606	5.0			0.46	1.9		9.0	8.7	8.7	95.1		0.84	66.0		6.87	17.48	3.94
8.0	1606	6.0			0.45	1.8		8.9	8.7	8.7	94.7		0.87	68.4		7.00	17.48	4.04
8.0	1606	7.0			0.47	2.0		8.9	8.6	8.6	94.3		0.92	71.9		7.41	17.41	4.37
8.0	1606	8.0			0.48	2.1		8.8	8.6	8.6	94.4		1.07	83.1		8.11	17.32	4.91
8.0	1606	9.0			0.51	2.4		8.8	8.6	8.6	94.2		1.17	90.2		9.01	17.29	5.61
8.0	1606	10.0			0.54	2.7		8.7	8.5	8.5	94.2		1.57	119.0		9.65	17.26	6.10
8.0	1606	11.0			0.55	2.8		8.7	8.5	8.5	94.3		1.93	144.8		10.23	17.24	6.55
8.0	1606	12.0			0.60	3.2		8.7	8.5	8.5	94.5		2.09	156.3		10.89	17.24	7.05
8.0	1606	13.0			0.66	3.8		8.7	8.5	8.5	94.5		3.27	240.9		11.55	17.25	7.55
8.0	1606	14.0			0.65	3.8		8.6	8.4	8.4	94.5		4.01	294.3		11.87	17.26	7.79

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STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CHL a	OXYG	CALC	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
9.0	1546	1.0			0.45	1.8			8.9	8.7	95.0		0.86	67.9	4.3	7.99	17.22	4.85
9.0	1546	2.0	1.6	0.49	0.44	1.8	8.6		8.9	8.7	94.8	77.9	0.89	69.7		7.96	17.23	4.82
9.0	1546	3.0			0.44	1.8			8.9	8.7	94.9		0.85	66.7		8.03	17.20	4.88
9.0	1546	4.0			0.47	2.0			8.9	8.7	95.0		0.84	66.4		8.10	17.20	4.93
9.0	1546	5.0			0.49	2.2			8.9	8.7	95.0		0.89	70.1		8.18	17.21	4.99
9.0	1546	6.0			0.50	2.3			8.9	8.7	95.0		1.03	80.1		8.23	17.21	5.03
9.0	1546	7.0			0.51	2.4			8.9	8.7	95.1		1.13	87.3		8.27	17.22	5.05
9.0	1546	8.0			0.51	2.5			8.9	8.7	95.2		1.19	91.5		8.30	17.23	5.08
9.0	1546	9.0			0.52	2.5			8.9	8.7	95.0		1.26	96.4		8.35	17.23	5.12
9.0	1546	10.0			0.51	2.4			8.9	8.6	94.9		1.24	95.1		8.73	17.22	5.41
9.0	1546	11.0			0.50	2.4			8.8	8.6	95.1		1.19	91.7		10.38	17.19	6.67
9.0	1546	12.0			0.51	2.4			8.7	8.5	94.8		1.47	111.5		11.43	17.24	7.47
9.0	1546	13.0			0.50	2.4			8.7	8.5	94.9		1.54	116.4		11.82	17.25	7.75
9.0	1546	14.0			0.51	2.4			8.7	8.4	94.8		1.56	117.8		12.29	17.27	8.11
9.0	1546	15.0			0.52	2.5			8.6	8.4	94.7		1.59	119.8		12.65	17.28	8.38
9.0	1546	16.0			0.54	2.7			8.6	8.4	94.7		1.66	124.9		12.83	17.28	8.52
9.0	1546	17.0			0.54	2.7			8.6	8.4	94.6		1.71	128.7		12.95	17.29	8.61
9.0	1546	18.0			0.53	2.6			8.6	8.4	94.7		1.73	129.9		13.05	17.29	8.69
9.0	1546	19.0			0.53	2.6			8.6	8.4	94.6		1.76	132.7		13.16	17.29	8.77
9.0	1546	20.0			0.53	2.6			8.6	8.4	94.6		1.77	132.8		13.18	17.29	8.78
9.0	1546	21.0			0.54	2.7			8.6	8.4	94.7		1.81	135.9		13.30	17.30	8.88
9.0	1546	22.0			0.56	2.9			8.6	8.4	94.7		1.88	141.0		13.47	17.30	9.01
9.0	1546	23.0			0.57	3.0			8.5	8.3	94.5		1.91	142.8		13.59	17.31	9.09
9.0	1546	24.0			0.56	2.9			8.5	8.3	94.6		1.95	145.7		13.70	17.31	9.18
9.0	1546	25.0			0.55	2.8			8.5	8.3	94.5		1.96	146.8		13.87	17.32	9.30
9.0	1546	26.0			0.57	3.0			8.5	8.3	94.6		2.01	150.1		13.91	17.32	9.34
9.0	1546	27.0			0.58	3.1			8.5	8.3	94.5		2.09	156.3		14.04	17.32	9.43
9.0	1546	28.0			0.59	3.1			8.5	8.3	94.6		2.31	171.6		14.23	17.33	9.57
9.0	1546	29.0			0.60	3.2			8.5	8.3	94.5		2.45	182.0		14.57	17.34	9.83
9.0	1546	30.0			0.60	3.3			8.5	8.3	94.5		2.54	188.5		14.81	17.34	10.01
9.0	1546	31.0			0.62	3.4			8.5	8.3	94.5		2.64	195.9		14.93	17.35	10.11
9.0	1546	32.0			0.62	3.5			8.4	8.3	94.4		2.59	191.9		14.92	17.35	10.09
9.0	1546	33.0			0.62	3.5			8.5	8.3	94.4		2.61	193.4		14.91	17.35	10.09

STN	TIME	DEPTH	DISCR	CHL a/ a+PMA	FLUOR	CALC	DISCR	OXYG	OXYG	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
9.0	1546	34.0			0.64	3.6		8.4	8.3	94.4		2.71	200.8		14.94	17.35	10.11
9.0	1546	35.0	1.8	0.35	0.64	3.7		8.4	8.2	94.3		3.03	223.8		14.96	17.35	10.12
10.0	1529	1.0			0.43	1.7		8.7	8.5	93.2		0.72	57.7	3.3	8.33	17.32	5.09
10.0	1529	2.0			0.44	1.7		8.7	8.5	93.4		0.85	66.8		8.42	17.20	5.18
10.0	1529	3.0			0.46	1.9		8.7	8.5	93.4		1.08	83.2		8.52	17.19	5.25
10.0	1529	4.0			0.48	2.1		8.7	8.5	93.5		1.13	87.0		8.66	17.18	5.37
10.0	1529	5.0			0.49	2.2		8.7	8.5	93.5		1.18	91.0		8.86	17.19	5.51
10.0	1529	6.0			0.50	2.3		8.7	8.5	93.6		1.34	102.4		9.09	17.17	5.69
10.0	1529	7.0			0.50	2.3		8.7	8.5	93.7		1.38	104.7		9.42	17.17	5.94
10.0	1529	8.0			0.49	2.2		8.7	8.5	93.7		1.41	106.9		9.68	17.17	6.14
10.0	1529	9.0			0.48	2.1		8.7	8.5	93.8		1.39	105.9		9.84	17.18	6.26
10.0	1529	10.0			0.48	2.1		8.7	8.5	93.9		1.38	105.3		10.25	17.20	6.57
10.0	1529	11.0			0.49	2.2		8.7	8.4	93.9		1.32	100.9		10.66	17.21	6.88
10.0	1529	12.0			0.49	2.2		8.6	8.4	93.9		1.28	98.0		11.18	17.23	7.27
10.0	1529	13.0			0.48	2.1		8.6	8.4	93.9		1.25	95.6		11.56	17.24	7.56
10.0	1529	14.0			0.48	2.1		8.5	8.3	93.8		1.20	92.4		12.49	17.25	8.27
10.0	1529	15.0			0.48	2.2		8.5	8.3	93.7		1.16	88.9		13.28	17.26	8.86
10.0	1529	16.0			0.49	2.3		8.5	8.3	93.6		1.22	93.5		13.48	17.26	9.02
10.0	1529	17.0			0.49	2.3		8.5	8.3	93.6		1.38	105.1		13.52	17.27	9.04
11.0	1506	1.0			0.46	1.9		8.6	8.4	93.8		0.86	67.6	3.8	12.23	17.24	8.07
11.0	1506	2.0			0.46	2.0		8.5	8.3	93.8		1.03	79.8		12.61	17.19	8.37
11.0	1506	3.0			0.47	2.0		8.5	8.3	93.8		1.12	86.1		12.69	17.18	8.44
11.0	1506	4.0			0.48	2.1		8.6	8.4	93.9		1.16	89.4		12.77	17.17	8.49
11.0	1506	5.0			0.48	2.1		8.5	8.3	94.0		1.13	86.9		13.50	17.17	9.05
11.0	1506	6.0			0.48	2.1		8.5	8.3	94.1		1.20	92.0		14.55	17.19	9.85
11.0	1506	7.0			0.47	2.1		8.4	8.2	93.9		1.21	92.5		15.47	17.23	10.54
11.0	1506	8.0			0.47	2.1		8.4	8.2	93.7		1.23	94.0		15.58	17.22	10.62
11.0	1506	9.0			0.48	2.2		8.3	8.2	93.5		1.25	95.8		15.86	17.20	10.84
11.0	1506	10.0			0.49	2.3		8.3	8.1	93.5		1.25	95.7		16.21	17.17	11.12
11.0	1506	11.0			0.50	2.3		8.2	8.1	93.1		1.27	97.1		16.87	17.14	11.63
11.0	1506	12.0			0.52	2.5		8.1	8.0	92.6		1.33	101.4		18.01	17.07	12.51

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STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CALC	OXYG	% OXY	DISCR	CALC	EXCOF	SALIN	TEMP	SIGT
			CHL a			CHL a	OXYG	OXYG		SAT	SPM	OBS	SPM			
11.0	1506	13.0			0.55	2.8		8.1	8.0	92.8		1.43	108.7	19.23	16.99	13.45
11.0	1506	14.0			0.55	2.8		8.1	8.0	93.2		1.74	130.5	19.48	16.97	13.65
12.0	1445	1.0			0.45	1.9		8.7	8.5	94.6		0.68	54.8	3.4	11.82	7.78
12.0	1445	2.0			0.45	1.8		8.5	8.3	94.3		0.86	67.5		14.33	9.69
12.0	1445	3.0			0.45	1.8		8.4	8.2	93.9		0.94	73.6		16.48	11.32
12.0	1445	4.0			0.45	1.9		8.2	8.1	93.6		0.94	73.6		17.91	12.41
12.0	1445	5.0			0.44	1.7		8.2	8.0	93.1		0.88	69.4		18.66	12.99
12.0	1445	6.0			0.42	1.6		8.1	8.0	93.0		0.86	67.8		19.41	13.58
12.0	1445	7.0			0.43	1.7		8.1	7.9	92.7		0.90	70.4		19.72	13.82
12.0	1445	8.0			0.46	1.9		8.0	7.9	92.4		0.89	70.0		20.51	14.45
12.0	1445	9.0			0.47	2.0		8.0	7.9	92.4		1.32	100.9		21.60	15.31
12.0	1445	10.0			0.45	1.9		8.0	7.9	93.0		1.63	123.2		21.82	15.48
13.0	1402	1.0			0.39	1.3		8.0	7.9	91.4		0.45	38.2	2.8	17.76	12.31
13.0	1402	2.0	1.8	0.70	0.40	1.3	8.0	8.0	7.9	91.3	29.8	0.46	39.2		18.04	12.53
13.0	1402	3.0			0.40	1.4		8.0	7.8	91.1		0.47	39.5		18.65	13.00
13.0	1402	4.0			0.40	1.4		7.9	7.7	90.1		0.48	40.5		19.20	13.43
13.0	1402	5.0			0.39	1.3		7.7	7.6	89.1		0.49	40.8		20.54	14.49
13.0	1402	6.0			0.38	1.1		7.6	7.5	88.6		0.50	41.8		22.10	15.73
13.0	1402	7.0			0.36	1.0		7.6	7.5	88.5		0.51	42.6		23.29	16.67
13.0	1402	8.0			0.34	0.8		7.5	7.4	87.8		0.50	42.0		24.07	17.29
13.0	1402	9.0			0.35	0.9		7.5	7.4	88.1		0.44	37.3		24.95	18.00
13.0	1402	10.0	1.5	0.53	0.35	0.9		7.6	7.5	89.3		0.51	42.5		26.03	18.87
14.0	1339	1.0			0.39	1.2		7.9	7.8	91.0		0.25	24.0	1.9	19.34	13.52
14.0	1339	2.0			0.36	1.0		7.8	7.7	90.6		0.25	24.2		21.43	15.19
14.0	1339	3.0			0.33	0.7		7.8	7.6	90.2		0.25	24.0		22.82	16.29
14.0	1339	4.0			0.33	0.7		7.7	7.6	89.9		0.26	24.8		23.40	16.75
14.0	1339	5.0			0.34	0.8		7.7	7.6	89.8		0.29	27.0		24.12	17.34
14.0	1339	6.0			0.35	0.9		7.7	7.6	89.6		0.34	30.6		24.69	17.80
14.0	1339	7.0			0.37	1.1		7.7	7.6	89.6		0.38	33.1		25.19	18.20
14.0	1339	8.0			0.38	1.1		7.6	7.5	89.2		0.39	34.0		25.58	18.52

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	OXYG	OXYG	CALC	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
14.0	1339	9.0			0.37	1.1		7.6	7.5	88.6			0.38	33.3		26.17	15.80	19.01
14.0	1339	10.0			0.38	1.2		7.6	7.5	89.2			0.38	32.9		26.87	15.69	19.57
14.0	1339	11.0			0.37	1.1		7.6	7.5	88.6			0.40	34.5		26.83	15.64	19.55
14.0	1339	12.0			0.39	1.3		7.5	7.4	87.6			0.39	33.6		27.40	15.46	20.02
14.0	1339	13.0			0.47	2.1		7.5	7.4	88.0			1.27	97.0		27.86	15.36	20.40
14.0	1339	14.0			0.47	2.1		7.5	7.4	87.9			1.99	148.9		27.91	15.36	20.44
15.0	1303	1.0			0.45	1.8		8.1	7.9	93.1			0.25	24.0	1.8	19.11	17.48	13.26
15.0	1303	2.0	2.1	0.66	0.45	1.8	8.0	8.1	7.9	93.2		25.7	0.26	24.6		19.27	17.36	13.40
15.0	1303	3.0			0.45	1.9		8.0	7.9	92.2			0.28	26.0		19.34	17.32	13.47
15.0	1303	4.0			0.45	1.9		7.9	7.8	91.0			0.29	26.5		19.91	17.18	13.93
15.0	1303	5.0			0.46	1.9		7.9	7.8	91.6			0.31	28.2		21.33	16.87	15.09
15.0	1303	6.0			0.48	2.1		7.9	7.8	91.8			0.38	33.3		21.64	16.79	15.34
15.0	1303	7.0			0.49	2.3		7.9	7.8	91.3			0.51	42.3		21.80	16.74	15.47
15.0	1303	8.0			0.48	2.2		7.8	7.7	90.4			0.58	47.7		22.33	16.59	15.90
15.0	1303	9.0			0.47	2.0		7.8	7.7	90.4			0.65	52.8		23.14	16.41	16.56
15.0	1303	10.0			0.46	1.9		7.8	7.7	90.4			0.73	58.3		23.41	16.35	16.78
15.0	1303	11.0			0.44	1.7		7.8	7.7	90.4			0.76	60.4		23.54	16.33	16.89
15.0	1303	12.0			0.43	1.6		7.7	7.6	90.2			0.76	60.4		23.68	16.30	17.00
15.0	1303	13.0			0.44	1.7		7.7	7.6	89.4			0.70	56.3		23.96	16.25	17.22
15.0	1303	14.0			0.44	1.7		7.4	7.3	86.6			0.63	51.1		24.35	16.16	17.54
15.0	1303	15.0			0.42	1.5		7.3	7.3	86.4			0.58	47.9		26.65	15.67	19.41
15.0	1303	16.0			0.40	1.3		7.4	7.3	86.7			0.53	44.1		27.44	15.48	20.06
15.0	1303	17.0			0.38	1.2		7.4	7.3	87.0			0.53	44.1		27.62	15.42	20.21
15.0	1303	18.0			0.37	1.1		7.4	7.3	87.2			0.54	45.0		27.64	15.42	20.22
15.0	1303	19.0			0.36	1.0		7.4	7.3	87.2			0.56	46.3		27.64	15.41	20.22
15.0	1303	20.0			0.37	1.1		7.4	7.3	87.1			0.59	48.2		27.68	15.39	20.26
15.0	1303	21.0			0.37	1.1		7.4	7.3	87.2			0.62	50.6		27.71	15.38	20.28
15.0	1303	22.0			0.38	1.2		7.4	7.4	87.3			0.63	51.5		27.70	15.38	20.27
15.0	1303	23.0			0.38	1.2		7.4	7.3	87.2			0.66	53.3		27.71	15.37	20.29
15.0	1303	24.0	1.9	0.45	0.38	1.2		7.4	7.4	87.2			0.68	54.5		27.82	15.30	20.39

North San Francisco Bay

May 17, 1994

94137

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	1233	1.0			0.41	1.4		8.2	8.0	94.0		0.27	25.2	1.9	22.07	16.56	15.72
16.0	1233	2.0			0.39	1.3		8.1	7.9	93.1		0.28	26.0		22.35	16.44	15.95
16.0	1233	3.0			0.38	1.1		8.0	7.9	92.5		0.32	29.0		22.76	16.29	16.30
16.0	1233	4.0			0.36	1.0		7.9	7.8	91.7		0.34	30.6		23.46	16.16	16.86
16.0	1233	5.0			0.35	0.9		7.9	7.8	91.5		0.34	30.6		24.10	16.01	17.38
16.0	1233	6.0			0.36	1.0		7.9	7.8	91.5		0.36	31.6		24.50	15.93	17.71
16.0	1233	7.0			0.38	1.2		7.9	7.8	91.7		0.41	35.3		24.72	15.87	17.89
16.0	1233	8.0			0.39	1.3		7.9	7.8	91.4		0.45	38.2		24.77	15.85	17.93
16.0	1233	9.0			0.40	1.4		7.9	7.8	91.2		0.56	46.5		24.97	15.79	18.09
16.0	1233	10.0			0.41	1.5		7.8	7.7	91.0		0.61	49.8		25.19	15.73	18.27
16.0	1233	11.0			0.42	1.6		7.8	7.7	90.7		0.67	54.3		25.53	15.66	18.55
16.0	1233	12.0			0.43	1.6		7.8	7.7	90.7		0.63	51.1		25.99	15.58	18.92
16.0	1233	13.0			0.42	1.6		7.8	7.7	90.9		0.55	45.4		26.23	15.53	19.11
18.0	1147	1.0			0.54	2.7		7.4	7.4	86.7		0.40	34.8	2.4	29.08	14.67	21.48
18.0	1147	2.0	2.7	0.41	0.55	2.8	7.1	7.3	7.3	85.8	44.7	0.41	35.4		29.60	14.44	21.93
18.0	1147	3.0			0.56	2.9		7.3	7.3	85.7		0.45	38.5		29.73	14.38	22.04
18.0	1147	4.0			0.55	2.8		7.3	7.3	85.8		0.52	43.6		29.78	14.36	22.09
18.0	1147	5.0			0.55	2.8		7.3	7.3	85.8		0.58	47.7		29.80	14.35	22.10
18.0	1147	6.0			0.56	2.9		7.4	7.3	85.9		0.61	49.4		29.87	14.32	22.17
18.0	1147	7.0			0.57	3.0		7.4	7.3	86.1		0.61	49.9		29.92	14.30	22.20
18.0	1147	8.0			0.57	3.0		7.3	7.3	85.8		0.64	51.7		29.87	14.32	22.16
18.0	1147	9.0			0.58	3.1		7.4	7.3	85.8		0.64	51.9		29.94	14.28	22.23
18.0	1147	10.0			0.62	3.4		7.3	7.3	85.7		0.61	50.0		29.98	14.26	22.26
18.0	1147	11.0			0.65	3.8		7.4	7.3	86.0		0.57	46.7		30.10	14.19	22.36
18.0	1147	12.0			0.64	3.6		7.4	7.3	86.0		0.55	45.1		30.13	14.16	22.40
18.0	1147	13.0			0.63	3.5		7.4	7.3	85.9		0.49	41.3		30.18	14.13	22.44
18.0	1147	14.0			0.63	3.5		7.4	7.3	86.2		0.44	37.9		30.25	14.09	22.50
18.0	1147	15.0			0.63	3.6		7.4	7.3	86.2		0.35	31.1		30.25	14.08	22.50
18.0	1147	16.0			0.65	3.7		7.4	7.4	86.3		0.34	30.4		30.27	14.07	22.52
18.0	1147	17.0			0.64	3.6		7.4	7.3	86.2		0.34	30.3		30.28	14.06	22.53
18.0	1147	18.0			0.61	3.3		7.4	7.3	86.0		0.28	26.0		30.31	14.03	22.56
18.0	1147	19.0			0.59	3.2		7.4	7.3	85.8		0.23	22.7		30.34	14.01	22.59

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	OXYG	OXYG	CALC	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
18.0	1147	20.0			0.58	3.1		7.4	7.3	7.3	85.9		0.23	22.2		30.37	13.98	22.62
18.0	1147	21.0			0.58	3.1		7.4	7.3	7.3	85.7		0.22	21.6		30.41	13.96	22.65
18.0	1147	22.0			0.57	3.0		7.4	7.3	7.3	85.5		0.25	23.8		30.45	13.93	22.69
18.0	1147	23.0			0.57	3.0		7.3	7.3	7.3	85.1		0.24	23.4		30.49	13.90	22.73
18.0	1147	24.0			0.57	3.0		7.3	7.2	7.2	84.7		0.26	24.5		30.62	13.81	22.84
18.0	1147	25.0			0.58	3.1		7.3	7.2	7.2	84.2		0.30	27.3		30.78	13.70	22.99
18.0	1147	26.0			0.60	3.3		7.2	7.2	7.2	84.0		0.36	32.0		30.92	13.65	23.11
18.0	1147	27.0			0.64	3.7		7.2	7.2	7.2	83.6		0.50	41.8		31.00	13.62	23.17
18.0	1147	28.0			0.66	3.9		7.2	7.1	7.1	83.4		0.60	48.7		31.07	13.59	23.24
18.0	1147	29.0			0.65	3.7		7.2	7.1	7.1	83.4		0.62	50.6		31.09	13.57	23.26
18.0	1147	30.0			0.64	3.7		7.2	7.1	7.1	83.4		0.61	49.9		31.12	13.56	23.28
18.0	1147	31.0			0.65	3.7		7.2	7.1	7.1	83.2		0.60	48.9		31.15	13.54	23.31
18.0	1147	32.0			0.65	3.7		7.2	7.1	7.1	83.2		0.56	46.3		31.16	13.53	23.32
18.0	1147	33.0			0.66	3.9		7.2	7.1	7.1	83.2		0.58	47.6		31.16	13.53	23.32
18.0	1147	34.0			0.66	3.8		7.2	7.1	7.1	83.3		0.62	50.1		31.15	13.53	23.31
18.0	1147	35.0			0.64	3.7		7.2	7.1	7.1	83.2		0.58	47.8		31.17	13.52	23.33
18.0	1147	36.0			0.65	3.8		7.2	7.1	7.1	83.1		0.57	46.7		31.18	13.51	23.33
18.0	1147	37.0			0.66	3.8		7.2	7.1	7.1	83.1		0.56	46.4		31.18	13.51	23.33
18.0	1147	38.0			0.63	3.6		7.2	7.1	7.1	83.1		0.56	46.1		31.19	13.50	23.35
18.0	1147	39.0			0.62	3.4		7.1	7.1	7.1	83.0		0.56	45.9		31.20	13.49	23.35
18.0	1147	40.0			0.63	3.6		7.1	7.1	7.1	83.0		0.54	44.7		31.20	13.49	23.36
18.0	1147	41.0			0.63	3.5		7.1	7.1	7.1	82.8		0.56	46.1		31.20	13.49	23.36
18.0	1147	42.0			0.61	3.4		7.1	7.1	7.1	83.0		0.57	46.9		31.21	13.48	23.37
18.0	1147	43.0	4.0	0.35	0.61	3.4		7.1	7.1	7.1	83.0		0.58	47.3		31.21	13.48	23.37

Std. Err.

Inter.

Slope

n

r²

Fluorometer Calibration:

OBS Calibration:

Dissolved Oxygen Calibration:

Seabird v4.026

Non-standard stations: San Francisco Bay

May 18, 1994

94138

STN	TIME	DEPTH	DISCR		CHL a/	CALC		DISCR		CALC		DISCR		CALC		EXCOF	SALIN	TEMP	SIGT
			CHL a	CHL a/		CHL a	OXYG	CHL a	OXYG	CHL a	OXYG	CHL a	OXYG	CHL a	OXYG				
757	0708	1.0			2.53											2.8	0.15	18.70	0.00
757	0708	2.0	51.8	0.85	2.53		10.9				32.5	0.30					0.15	18.71	0.00
757	0708	3.0			2.53							0.29					0.15	18.71	0.00
757	0708	4.0			2.53							0.30					0.15	18.71	0.00
757	0708	5.0			2.53							0.30					0.15	18.72	0.00
757	0708	6.0			2.53							0.31					0.15	18.71	0.00
757	0708	7.0			2.54							0.32					0.15	18.72	0.00
757	0708	8.0			2.54							0.32					0.15	18.72	0.00
757	0708	9.0			2.54							0.32					0.15	18.72	0.00
757	0708	10.0			2.54							0.32					0.15	18.72	0.00
757	0708	11.0			2.54							0.32					0.15	18.72	0.00
757	0708	12.0			2.55							0.33					0.15	18.72	0.00
757	0708	13.0			2.55							0.33					0.15	18.72	0.00
757	0708	14.0	70.6	0.87	2.55							0.33					0.15	18.71	0.00
753	0739	1.0			3.55							0.31		2.7	0.17	18.42	0.00	0.00	0.00
753	0739	2.0			3.61							0.31			0.17	18.43	0.00	0.00	0.00
753	0739	3.0			3.61							0.31			0.17	18.42	0.00	0.00	0.00
753	0739	4.0			3.52							0.32			0.17	18.43	0.00	0.00	0.00
753	0739	5.0			3.47							0.33			0.17	18.43	0.00	0.00	0.00
753	0739	6.0			3.45							0.33			0.17	18.42	0.00	0.00	0.00
753	0739	7.0			3.46							0.35			0.18	18.40	0.00	0.00	0.00
753	0739	8.0			3.59							0.39			0.18	18.39	0.00	0.00	0.00
753	0739	9.0			3.76							0.39			0.18	18.39	0.00	0.00	0.00
753	0739	10.0			3.72							0.40			0.18	18.38	0.00	0.00	0.00
753	0739	11.0			3.68							0.39			0.18	18.39	0.00	0.00	0.00
753	0739	12.0			3.74							0.39			0.18	18.38	0.00	0.00	0.00
747	0820	1.0			1.08							0.36		2.6	0.45	18.15	0.00	0.00	0.00
747	0820	2.0			1.07							0.37			0.45	18.13	0.00	0.00	0.00
747	0820	3.0			1.20							0.38			0.47	18.11	0.00	0.00	0.00
747	0820	4.0			1.20							0.38			0.47	18.11	0.00	0.00	0.00
747	0820	5.0			1.05							0.41			0.48	18.10	0.00	0.00	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 SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
747	0820	6.0			1.10						0.43			0.49	18.10	0.00
747	0820	7.0			1.11						0.44			0.49	18.10	0.00
747	0820	8.0			1.00						0.45			0.50	18.09	0.00
747	0820	9.0			0.84						0.45			0.51	18.09	0.00
747	0820	10.0			0.75						0.46			0.52	18.08	0.00
747	0820	11.0			0.76						0.46			0.52	18.06	0.00
747	0820	12.0			0.83						0.47			0.54	18.05	0.00
747	0820	13.0			0.83						0.48			0.56	18.02	0.00
747	0820	14.0			0.80						0.50			0.57	18.02	0.00
747	0820	15.0			0.93						0.50			0.58	18.02	0.00
747	0820	16.0			1.01						0.52			0.57	18.02	0.00
747	0820	17.0			0.95						0.52			0.58	18.01	0.00
747	0820	18.0			0.93						0.52			0.59	18.00	0.00
747	0820	19.0			0.89						0.53			0.60	18.00	0.00
747	0820	20.0			0.88						0.52			0.59	18.00	0.00

	n	r ²	Slope	Inter.	Std. Err.
Fluorometer Calibration:	2	0.000	0.000	0.000	0.000
OBS Calibration:	1	0.000	0.000	0.000	0.000

SeaBird v4.026

South San Francisco Bay

June 15, 1994

94166

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CALC	CHL a	DISCR	OKYG	CALC	% OXY	DISCR	OBS	CALC	EXCOF	SALIN	TEMP	SIGT
			CHL a				OKYG		OKYG	OKYG	SAT			SPM		SPM				
36.0	0736	1.0			1.18	6.5		6.5	6.5	6.5	89.2	6.9	89.2		0.63	47.9	3.4	27.30	19.67	18.98
36.0	0736	2.0	6.5	0.74	1.17	6.5	6.7	6.4	6.9	89.1	51.4	6.9	89.1		0.68	50.4		27.38	19.73	19.03
36.0	0736	3.0			1.17	6.5		6.4	6.9	89.1		6.9	89.1		0.72	52.5		27.48	19.79	19.09
36.0	0736	4.0			1.18	6.6		6.4	6.9	89.3		6.9	89.3		0.78	55.5		27.59	19.85	19.16
36.0	0736	5.0			1.15	6.4		6.4	6.9	89.3		6.9	89.3		0.86	59.2		27.73	19.93	19.25
36.0	0736	6.0			1.19	6.6		6.4	6.9	89.5		6.9	89.5		0.99	66.0		27.87	19.97	19.34
36.0	0736	7.0	6.8	0.58	1.22	6.8		6.4	6.9	89.2		6.9	89.2		1.33	83.3		28.08	19.96	19.50
35.0	0751	1.0			1.17	6.5		6.3	6.8	87.6		6.8	87.6		0.77	55.0	4.2	27.48	19.54	19.15
35.0	0751	2.0			1.17	6.5		6.4	6.8	88.1		6.8	88.1		0.79	55.8		27.55	19.57	19.20
35.0	0751	3.0			1.20	6.7		6.4	6.8	88.2		6.8	88.2		0.79	55.9		27.76	19.67	19.33
35.0	0751	4.0			1.25	6.9		6.3	6.8	88.4		6.8	88.4		0.83	57.9		27.95	19.79	19.45
35.0	0751	5.0			1.32	7.2		6.4	6.8	88.8		6.8	88.8		0.99	66.0		28.16	19.87	19.58
35.0	0751	6.0			1.41	7.7		6.4	6.8	88.7		6.8	88.7		1.12	72.6		28.26	19.85	19.67
35.0	0751	7.0			1.50	8.2		6.3	6.8	88.5		6.8	88.5		1.47	90.8		28.37	19.79	19.77
35.0	0751	8.0			1.50	8.2		6.3	6.8	87.8		6.8	87.8		2.59	147.8		28.38	19.78	19.78
34.0	0800	1.0			1.34	7.4		6.3	6.8	86.4		6.8	86.4		1.41	87.5	5.5	27.40	19.12	19.20
34.0	0800	2.0			1.37	7.5		6.3	6.8	86.5		6.8	86.5		1.65	99.9		27.44	19.12	19.23
34.0	0800	3.0			1.40	7.7		6.3	6.8	86.6		6.8	86.6		1.71	102.8		27.44	19.12	19.23
34.0	0800	4.0			1.43	7.8		6.3	6.8	86.6		6.8	86.6		1.70	102.4		27.50	19.12	19.27
34.0	0800	5.0			1.49	8.1		6.3	6.8	86.7		6.8	86.7		1.93	114.4		27.62	19.14	19.35
34.0	0800	6.0			1.54	8.4		6.3	6.8	86.9		6.8	86.9		2.18	127.1		27.70	19.16	19.42
34.0	0800	7.0			1.53	8.4		6.3	6.8	86.7		6.8	86.7		2.58	147.4		27.75	19.17	19.45
33.0	0814	1.0			1.28	7.1		6.3	6.7	87.0		6.7	87.0		1.10	71.8	5.6	28.06	19.50	19.61
33.0	0814	2.0			1.31	7.2		6.3	6.8	87.4		6.8	87.4		1.25	79.2		28.17	19.54	19.68
33.0	0814	3.0			1.36	7.5		6.3	6.8	87.6		6.8	87.6		1.31	82.4		28.19	19.54	19.69
33.0	0814	4.0			1.41	7.7		6.3	6.8	87.7		6.8	87.7		1.50	92.4		28.22	19.53	19.72
33.0	0814	5.0			1.42	7.8		6.3	6.8	87.7		6.8	87.7		1.62	98.1		28.23	19.52	19.72
33.0	0814	6.0			1.41	7.7		6.3	6.8	87.6		6.8	87.6		1.60	97.2		28.22	19.52	19.72
33.0	0814	7.0			1.41	7.7		6.3	6.8	87.7		6.8	87.7		1.59	97.0		28.22	19.52	19.72
33.0	0814	8.0			1.42	7.8		6.3	6.8	87.7		6.8	87.7		1.72	103.2		28.24	19.51	19.74

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CALC	OXYG	CALC	% OXY	DISCR	OBS	SPM	CALC	EXCOF	SALIN	TEMP	SIGT
33.0	0814	9.0			1.43	7.8		6.3	6.8	87.6			1.74	104.2			28.23	19.52	19.73
33.0	0814	10.0			1.45	7.9		6.3	6.8	87.7			1.98	116.6			28.27	19.50	19.76
33.0	0814	11.0			1.46	8.0		6.3	6.8	87.6			2.18	126.7			28.29	19.50	19.78
33.0	0814	12.0			1.45	8.0		6.3	6.8	87.7			2.32	134.2			28.30	19.50	19.79
32.0	0824	1.0			1.29	7.1		6.4	6.9	88.8			1.17	75.5	6.4		28.30	19.54	19.78
32.0	0824	2.0	6.6	0.65	1.31	7.2	6.8	6.4	6.9	88.7		71.9	1.11	72.3			28.33	19.54	19.80
32.0	0824	3.0			1.34	7.4		6.4	6.9	88.7			1.21	77.4			28.36	19.54	19.83
32.0	0824	4.0			1.37	7.5		6.4	6.9	88.8			1.33	83.2			28.41	19.54	19.86
32.0	0824	5.0			1.39	7.6		6.4	6.9	88.7			1.43	88.4			28.47	19.54	19.91
32.0	0824	6.0			1.40	7.7		6.4	6.9	89.0			1.53	93.5			28.48	19.53	19.92
32.0	0824	7.0			1.42	7.8		6.4	6.9	89.1			1.63	98.7			28.48	19.53	19.92
32.0	0824	8.0			1.43	7.8		6.4	6.9	89.1			1.71	102.7			28.48	19.53	19.92
32.0	0824	9.0			1.43	7.8		6.4	6.9	89.2			1.78	106.4			28.49	19.53	19.92
32.0	0824	10.0			1.43	7.8		6.4	6.9	89.1			1.97	116.4			28.49	19.52	19.92
32.0	0824	11.0	7.1	0.48	1.43	7.8		6.4	6.9	89.2			2.01	118.2			28.49	19.52	19.92
31.0	0837	1.0			1.28	7.1		6.4	6.8	88.7			0.98	65.5	5.7		28.57	19.58	19.97
31.0	0837	2.0			1.29	7.1		6.4	6.8	88.6			0.91	61.8			28.57	19.58	19.97
31.0	0837	3.0			1.33	7.3		6.4	6.8	88.8			0.90	61.6			28.60	19.58	20.00
31.0	0837	4.0			1.40	7.7		6.4	6.8	88.7			1.03	68.4			28.65	19.53	20.05
31.0	0837	5.0			1.47	8.0		6.4	6.8	88.5			1.28	80.9			28.66	19.54	20.05
31.0	0837	6.0			1.51	8.3		6.4	6.9	88.9			2.04	119.7			28.67	19.54	20.06
31.0	0837	7.0			1.54	8.4		6.4	6.9	89.0			2.26	131.0			28.67	19.54	20.06
31.0	0837	8.0			1.58	8.6		6.4	6.9	89.0			2.44	140.4			28.68	19.53	20.07
31.0	0837	9.0			1.65	8.9		6.4	6.9	89.1			2.85	161.1			28.69	19.52	20.08
31.0	0837	10.0			1.72	9.3		6.4	6.9	89.1			3.17	177.6			28.69	19.51	20.08
31.0	0837	11.0			1.80	9.7		6.4	6.9	89.1			3.76	208.0			28.70	19.50	20.09
31.0	0837	12.0			1.91	10.3		6.4	6.9	89.1			4.67	254.5			28.72	19.47	20.11
31.0	0837	13.0			2.01	10.8		6.4	6.9	89.1			5.52	297.6			28.72	19.46	20.11
31.0	0837	14.0			2.00	10.7		6.4	6.9	89.2			6.39	342.5			28.72	19.45	20.12

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STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CALC	OXYG	% OXY	DISCR	CALC	EXCOF	SALIN	TEMP	SIGT
			CHL a			CHL a	OXYG	OXYG		SAT	SPM	OBS				
30.0	0853	1.0			1.29	7.1		6.5	7.0	91.2		0.68	3.4	28.60	19.95	19.91
30.0	0853	2.0	7.4	0.71	1.28	7.1	7.1	6.5	7.0	91.2	57.2	0.73		28.60	19.90	19.92
30.0	0853	3.0			1.28	7.0		6.5	7.0	90.8		0.80		28.60	19.84	19.93
30.0	0853	4.0			1.29	7.1		6.5	6.9	90.4		0.86		28.60	19.81	19.94
30.0	0853	5.0			1.33	7.3		6.5	6.9	90.2		0.92		28.60	19.79	19.94
30.0	0853	6.0			1.44	7.9		6.5	6.9	90.0		1.49		28.60	19.75	19.95
30.0	0853	7.0			1.56	8.5		6.5	6.9	89.9		2.25		28.60	19.70	19.97
30.0	0853	8.0			1.64	8.9		6.5	6.9	89.8		3.13		28.60	19.68	19.97
30.0	0853	9.0			1.69	9.2		6.5	6.9	90.0		3.34		28.60	19.67	19.97
30.0	0853	10.0			1.73	9.4		6.5	6.9	90.0		3.59		28.60	19.67	19.97
30.0	0853	11.0			1.76	9.5		6.5	6.9	90.2		3.62		28.60	19.67	19.97
30.0	0853	12.0			1.82	9.8		6.5	6.9	90.2		4.13		28.59	19.65	19.97
30.0	0853	13.0	9.8	0.31	1.82	9.8		6.5	7.0	90.2		4.59		28.59	19.65	19.97
29.5	0929	1.0			1.34	7.4		6.1	6.6	85.5		1.01	4.2	28.62	19.86	19.94
29.5	0929	2.0			1.36	7.5		6.1	6.6	85.6		1.22		28.62	19.84	19.95
29.5	0929	3.0			1.41	7.7		6.1	6.6	85.8		1.40		28.63	19.84	19.95
29.5	0929	4.0			1.44	7.9		6.1	6.6	85.8		1.57		28.62	19.83	19.95
29.5	0929	5.0			1.50	8.2		6.1	6.6	86.0		1.76		28.62	19.83	19.95
29.5	0929	6.0			1.58	8.6		6.1	6.6	86.1		2.34		28.61	19.84	19.94
29.5	0929	7.0			1.63	8.8		6.1	6.6	86.2		2.77		28.61	19.84	19.94
29.5	0929	8.0			1.66	9.0		6.1	6.6	86.3		2.94		28.61	19.84	19.94
29.5	0929	9.0			1.71	9.3		6.1	6.6	86.4		3.20		28.61	19.84	19.94
29.5	0929	10.0			1.78	9.6		6.1	6.6	86.5		3.60		28.60	19.84	19.93
29.5	0929	11.0			1.82	9.8		6.2	6.6	86.5		4.01		28.60	19.85	19.93
29.5	0929	12.0			1.82	9.8		6.2	6.6	86.6		4.08		28.60	19.85	19.93
29.5	0929	13.0			1.80	9.7		6.2	6.6	86.5		4.13		28.60	19.85	19.93
29.5	0929	14.0			1.80	9.7		6.2	6.6	86.5		4.20		28.60	19.85	19.93
29.0	0941	1.0			1.22	6.7		6.4	6.8	88.9		0.80	3.7	28.63	19.78	19.97
29.0	0941	2.0			1.24	6.9		6.4	6.9	89.1		0.80		28.68	19.56	20.06
29.0	0941	3.0			1.31	7.2		6.5	6.9	89.8		0.87		28.69	19.45	20.10
29.0	0941	4.0			1.35	7.4		6.5	7.0	90.0		1.35		28.69	19.44	20.10

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	OXYG	CALC	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
29.0	0941	5.0			1.40	7.7		6.5	7.0	90.2		2.00	117.6		28.70	19.42	20.11
29.0	0941	6.0			1.42	7.8		6.5	7.0	90.2		2.39	138.0		28.70	19.42	20.11
29.0	0941	7.0			1.45	7.9		6.5	7.0	90.3		2.47	141.7		28.70	19.40	20.12
29.0	0941	8.0			1.53	8.3		6.5	7.0	90.4		2.58	147.3		28.70	19.39	20.12
29.0	0941	9.0			1.63	8.8		6.5	7.0	90.4		2.96	166.8		28.70	19.40	20.12
29.0	0941	10.0			1.70	9.2		6.6	7.0	90.5		3.35	186.9		28.70	19.40	20.12
29.0	0941	11.0			1.72	9.3		6.6	7.0	90.5		4.11	225.7		28.70	19.40	20.12
29.0	0941	12.0			1.73	9.3		6.6	7.0	90.7		4.39	240.3		28.70	19.41	20.12
29.0	0941	13.0			1.79	9.7		6.5	7.0	90.4		4.50	245.6		28.70	19.43	20.11
29.0	0941	14.0			1.80	9.7		6.5	7.0	90.4		4.90	266.0		28.70	19.44	20.10
28.0	0954	1.0			1.23	6.8		6.4	6.8	89.1		1.32	83.2	7.9	28.65	19.85	19.96
28.0	0954	2.0			1.24	6.8		6.4	6.9	89.3		1.33	83.7		28.65	19.85	19.96
28.0	0954	3.0			1.24	6.9		6.4	6.9	89.3		1.30	82.1		28.65	19.86	19.96
28.0	0954	4.0			1.25	6.9		6.4	6.8	89.0		1.24	79.1		28.64	19.85	19.96
28.0	0954	5.0			1.26	7.0		6.3	6.8	88.7		1.28	80.8		28.65	19.79	19.98
28.0	0954	6.0			1.29	7.1		6.3	6.8	88.7		1.39	86.4		28.67	19.76	20.00
28.0	0954	7.0			1.31	7.2		6.3	6.8	88.7		1.67	100.7		28.68	19.74	20.02
28.0	0954	8.0			1.32	7.3		6.4	6.8	88.8		1.91	113.3		28.69	19.73	20.02
28.0	0954	9.0			1.32	7.3		6.4	6.8	88.8		2.02	118.5		28.69	19.72	20.03
28.0	0954	10.0			1.33	7.3		6.4	6.8	88.9		2.05	120.1		28.69	19.72	20.03
28.0	0954	11.0			1.34	7.4		6.4	6.8	88.8		2.04	119.9		28.69	19.72	20.03
28.0	0954	12.0			1.35	7.4		6.4	6.8	88.8		2.13	124.4		28.71	19.69	20.05
28.0	0954	13.0			1.34	7.4		6.4	6.8	88.8		2.27	131.5		28.72	19.68	20.06
28.0	0954	14.0			1.34	7.4		6.4	6.8	89.0		2.31	133.4		28.73	19.67	20.07
27.0	1007	1.0			1.04	5.8		6.8	7.2	93.6		0.60	46.1	3.0	28.74	19.72	20.07
27.0	1007	2.0	6.1	0.68	1.04	5.8	7.1	6.8	7.2	93.7	41.6	0.63	47.7		28.74	19.73	20.06
27.0	1007	3.0			1.02	5.7		6.8	7.2	93.7		0.63	47.8		28.73	19.73	20.06
27.0	1007	4.0			1.00	5.6		6.8	7.2	93.7		0.62	47.1		28.85	19.45	20.22
27.0	1007	5.0			1.02	5.7		6.7	7.1	92.2		0.84	58.4		28.91	19.38	20.28
27.0	1007	6.0			1.04	5.9		6.7	7.1	92.2		0.92	62.5		28.93	19.35	20.31
27.0	1007	7.0			1.08	6.0		6.7	7.1	92.3		1.06	69.9		28.97	19.31	20.34

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STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CHL a	OXYG	OXYG	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
27.0	1007	8.0			1.09	6.1			6.7	7.2	92.4		1.27	80.6		29.05	19.23	20.42
27.0	1007	9.0			1.11	6.2			6.7	7.1	92.2		1.41	87.7		29.06	19.22	20.43
27.0	1007	10.0			1.13	6.3			6.7	7.2	92.4		1.50	92.3		29.09	19.19	20.46
27.0	1007	11.0	7.6	0.36	1.12	6.3			6.7	7.2	92.6		1.57	95.9		29.09	19.18	20.47
26.0	1020	1.0			0.97	5.5			6.2	6.7	86.2		0.63	47.6	2.6	28.94	19.48	20.28
26.0	1020	2.0			0.98	5.5			6.2	6.7	86.4		0.60	46.0		28.93	19.50	20.26
26.0	1020	3.0			0.99	5.6			6.2	6.7	86.6		0.58	45.4		28.97	19.40	20.32
26.0	1020	4.0			0.99	5.6			6.2	6.7	86.2		0.59	45.7		29.15	19.06	20.54
26.0	1020	5.0			1.02	5.7			6.1	6.6	84.8		0.86	59.4		29.24	18.93	20.64
26.0	1020	6.0			1.03	5.8			6.1	6.6	84.8		1.10	71.5		29.27	18.87	20.68
26.0	1020	7.0			1.05	5.9			6.2	6.6	85.3		1.34	84.1		29.30	18.84	20.71
26.0	1020	8.0			1.06	5.9			6.2	6.7	85.6		1.40	86.9		29.30	18.83	20.71
26.0	1020	9.0			1.05	5.9			6.2	6.7	85.9		1.47	90.6		29.31	18.81	20.73
26.0	1020	10.0			1.05	5.9			6.2	6.7	86.1		1.53	93.6		29.32	18.80	20.74
25.0	1034	1.0			0.77	4.5			6.7	7.2	91.7		0.81	57.1	4.7	29.54	18.65	20.94
25.0	1034	2.0			0.77	4.5			6.7	7.2	91.7		0.81	57.1		29.54	18.65	20.94
25.0	1034	3.0			0.78	4.5			6.7	7.2	91.9		0.82	57.3		29.54	18.65	20.94
25.0	1034	4.0			0.80	4.6			6.7	7.2	91.9		0.82	57.3		29.54	18.66	20.94
25.0	1034	5.0			0.81	4.7			6.8	7.2	92.0		0.80	56.6		29.53	18.64	20.94
25.0	1034	6.0			0.82	4.7			6.8	7.2	91.8		0.81	57.0		29.54	18.60	20.95
25.0	1034	7.0			0.86	4.9			6.7	7.2	91.7		0.87	59.7		29.54	18.58	20.96
25.0	1034	8.0			0.86	4.9			6.8	7.2	91.8		0.96	64.4		29.54	18.58	20.96
24.0	1049	1.0			0.49	3.0			6.8	7.2	91.7		0.31	31.2	2.2	29.76	18.36	21.18
24.0	1049	2.0	2.8	0.51	0.49	3.0	7.4		6.7	7.2	91.2	34.1	0.34	33.1		29.76	18.25	21.21
24.0	1049	3.0			0.47	3.0			6.7	7.1	90.7		0.38	35.1		29.77	18.21	21.22
24.0	1049	4.0			0.47	3.0			6.7	7.1	90.6		0.42	36.8		29.78	18.18	21.24
24.0	1049	5.0			0.49	3.1			6.7	7.1	90.6		0.44	38.0		29.79	18.15	21.25
24.0	1049	6.0			0.51	3.1			6.7	7.2	90.8		0.47	39.5		29.81	18.09	21.28
24.0	1049	7.0			0.51	3.1			6.7	7.1	90.7		0.52	41.8		29.82	18.08	21.29
24.0	1049	8.0			0.50	3.1			6.7	7.2	90.8		0.53	42.3		29.82	18.08	21.29

STN	TIME	DEPTH	DISCR		CHL a/ a+PHA	FLUOR	CALC		DISCR		OXYG		CALC		% OXY		DISCR		OBS		CALC		EXCOF	SALIN	TEMP	SIGT
			CHL a	CHL a			CHL a	OXYG	OXYG	OXYG	OXYG	OXYG	SAT	SAT	SPM	SPM	SPM	SPM	SPM	SPM						
24.0	1049	9.0			0.50	0.50	3.1		6.7	7.2	90.9	0.53	42.5	29.82	18.07	21.30			0.53	42.5	29.82	18.07	21.30			
24.0	1049	10.0	3.3	0.39	0.49	0.49	3.1		6.8	7.2	91.1	0.54	43.0	29.82	18.06	21.30			0.54	43.0	29.82	18.06	21.30			
23.0	1105	2.0			0.50	0.50	3.1		6.6	7.1	90.0	0.42	36.7	2.5	29.74	18.14	21.21			0.42	36.7	2.5	29.74	18.14	21.21	
23.0	1105	3.0			0.50	0.50	3.1		6.6	7.1	89.8	0.48	39.8		29.74	18.10	21.22			0.48	39.8		29.74	18.10	21.22	
23.0	1105	4.0			0.50	0.50	3.1		6.6	7.1	89.6	0.54	42.9		29.74	18.08	21.23			0.54	42.9		29.74	18.08	21.23	
23.0	1105	5.0			0.53	0.53	3.2		6.6	7.1	89.7	0.57	44.4		29.74	18.04	21.24			0.57	44.4		29.74	18.04	21.24	
23.0	1105	6.0			0.56	0.56	3.4		6.6	7.1	89.5	0.60	46.2		29.76	18.01	21.26			0.60	46.2		29.76	18.01	21.26	
23.0	1105	7.0			0.56	0.56	3.4		6.6	7.1	89.6	0.65	48.6		29.78	17.99	21.28			0.65	48.6		29.78	17.99	21.28	
23.0	1105	8.0			0.54	0.54	3.3		6.6	7.1	89.6	0.66	49.2		29.80	17.97	21.30			0.66	49.2		29.80	17.97	21.30	
23.0	1105	9.0			0.54	0.54	3.3		6.6	7.1	89.5	0.65	48.5		29.83	17.93	21.33			0.65	48.5		29.83	17.93	21.33	
23.0	1105	10.0			0.54	0.54	3.3		6.6	7.1	89.4	0.63	47.8		29.83	17.92	21.34			0.63	47.8		29.83	17.92	21.34	
23.0	1105	11.0			0.53	0.53	3.3		6.6	7.1	89.5	0.64	48.1		29.84	17.91	21.35			0.64	48.1		29.84	17.91	21.35	
23.0	1105	12.0			0.54	0.54	3.3		6.6	7.1	89.6	0.64	48.1		29.85	17.90	21.36			0.64	48.1		29.85	17.90	21.36	
23.0	1105	13.0			0.54	0.54	3.3		6.6	7.1	89.6	0.65	48.7		29.85	17.89	21.36			0.65	48.7		29.85	17.89	21.36	
23.0	1105	14.0			0.54	0.54	3.3		6.7	7.1	89.7	0.66	49.4		29.85	17.89	21.36			0.66	49.4		29.85	17.89	21.36	
22.0	1122	1.0			0.52	0.52	3.2		6.9	7.3	93.3	0.26	28.6	2.1	29.51	18.62	20.92			0.26	28.6	2.1	29.51	18.62	20.92	
22.0	1122	2.0			0.50	0.50	3.1		6.7	7.1	89.8	0.30	31.0		30.04	17.66	21.56			0.30	31.0		30.04	17.66	21.56	
22.0	1122	3.0			0.48	0.48	3.0		6.2	6.7	84.6	0.29	30.2		30.07	17.60	21.59			0.29	30.2		30.07	17.60	21.59	
22.0	1122	4.0			0.48	0.48	3.0		6.4	6.9	86.2	0.29	30.5		30.10	17.54	21.64			0.29	30.5		30.10	17.54	21.64	
22.0	1122	5.0			0.48	0.48	3.0		6.5	6.9	86.9	0.29	30.5		30.14	17.47	21.68			0.29	30.5		30.14	17.47	21.68	
22.0	1122	6.0			0.49	0.49	3.0		6.5	7.0	87.4	0.29	30.5		30.16	17.42	21.71			0.29	30.5		30.16	17.42	21.71	
22.0	1122	7.0			0.50	0.50	3.1		6.5	7.0	87.7	0.29	30.3		30.19	17.37	21.74			0.29	30.3		30.19	17.37	21.74	
22.0	1122	8.0			0.51	0.51	3.1		6.6	7.0	87.8	0.30	30.7		30.23	17.29	21.79			0.30	30.7		30.23	17.29	21.79	
22.0	1122	9.0			0.51	0.51	3.2		6.6	7.0	87.8	0.32	31.7		30.25	17.25	21.82			0.32	31.7		30.25	17.25	21.82	
22.0	1122	10.0			0.51	0.51	3.2		6.6	7.0	88.1	0.33	32.3		30.28	17.19	21.85			0.33	32.3		30.28	17.19	21.85	
22.0	1122	11.0			0.50	0.50	3.1		6.6	7.1	87.9	0.33	32.4		30.35	17.03	21.94			0.33	32.4		30.35	17.03	21.94	
22.0	1122	12.0			0.50	0.50	3.1		6.6	7.0	87.2	0.30	30.6		30.40	16.93	22.00			0.30	30.6		30.40	16.93	22.00	
22.0	1122	13.0			0.49	0.49	3.1		6.6	7.0	87.3	0.30	30.8		30.40	16.93	22.00			0.30	30.8		30.40	16.93	22.00	
22.0	1122	14.0			0.51	0.51	3.1		6.6	7.1	87.7	0.29	30.3		30.42	16.87	22.04			0.29	30.3		30.42	16.87	22.04	
22.0	1122	15.0			0.53	0.53	3.2		6.6	7.0	87.3	0.29	30.1		30.51	16.71	22.14			0.29	30.1		30.51	16.71	22.14	
22.0	1122	16.0			0.54	0.54	3.3		6.6	7.0	87.0	0.31	31.1		30.51	16.70	22.14			0.31	31.1		30.51	16.70	22.14	

South San Francisco Bay

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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
22.0	1122	17.0			0.52	3.2		6.6	7.1	87.4	0.32	31.9		30.51	16.70	22.14
22.0	1122	18.0			0.51	3.1		6.6	7.1	87.7	0.35	33.5		30.51	16.69	22.14
21.0	1135	1.0			0.65	3.9		6.9	7.3	94.2	0.37	34.1	2.4	29.35	19.10	20.69
21.0	1135	2.0	3.4	0.48	0.64	3.8	7.4	6.8	7.2	92.1	0.41	36.2		29.60	18.54	21.01
21.0	1135	3.0			0.63	3.7		6.6	7.0	89.3	0.46	39.1		29.68	18.39	21.11
21.0	1135	4.0			0.61	3.7		6.6	7.0	89.1	0.56	44.3		29.71	18.31	21.15
21.0	1135	5.0			0.61	3.6		6.6	7.0	89.5	0.56	44.0		29.82	18.12	21.28
21.0	1135	6.0			0.60	3.6		6.6	7.0	89.1	0.52	41.9		29.92	17.94	21.40
21.0	1135	7.0			0.59	3.5		6.6	7.0	88.8	0.47	39.6		30.04	17.73	21.55
21.0	1135	8.0			0.58	3.5		6.6	7.0	88.5	0.44	37.9		30.12	17.59	21.64
21.0	1135	9.0			0.59	3.5		6.6	7.1	88.7	0.43	37.3		30.20	17.45	21.73
21.0	1135	10.0			0.59	3.5		6.6	7.1	88.5	0.42	36.9		30.27	17.31	21.82
21.0	1135	11.0			0.59	3.6		6.6	7.1	88.4	0.44	38.0		30.30	17.26	21.85
21.0	1135	12.0			0.61	3.6		6.7	7.1	88.9	0.44	38.1		30.32	17.22	21.88
21.0	1135	13.0			0.61	3.6		6.7	7.1	89.0	0.47	39.5		30.35	17.18	21.91
21.0	1135	14.0			0.61	3.6		6.7	7.1	89.2	0.49	40.2		30.36	17.15	21.92
21.0	1135	15.0			0.60	3.6		6.7	7.2	89.4	0.47	39.4		30.36	17.14	21.93
21.0	1135	16.0			0.60	3.6		6.7	7.2	89.5	0.46	39.2		30.36	17.14	21.93
21.0	1135	17.0			0.62	3.7		6.7	7.2	89.6	0.52	41.9		30.36	17.13	21.93
21.0	1135	18.0	3.5	0.40	0.63	3.7		6.8	7.2	89.7	0.61	46.7		30.36	17.13	21.93

Std. Err.

Inter.

slope

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Fluorometer Calibration:

OBS Calibration:

Dissolved Oxygen Calibration:

Dissolved oxygen calibration combines North and South Bay data
Seabird v4.026

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STN	TIME	DEPTH	DISCR		CHL a	FLUOR	CALC CHL a	DISCR		CALC OXYG	CALC % OXY	DISCR		OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
			CHL a	CHL a/				CHL a	OXYG			OXYG	SAT						
657.0	1920	1.0				0.65	2.8							0.63	52.1	3.8	0.13	20.99	0.00
	1920	2.0	2.5	0.42		0.65	2.8	8.1					50.0	0.64	53.1		0.13	21.01	0.00
	1920	3.0			0.65	2.8								0.64	52.9		0.13	21.01	0.00
	1920	4.0			0.66	2.8								0.65	53.1		0.13	21.01	0.00
	1920	5.0			0.67	2.9								0.66	54.1		0.13	21.01	0.00
	1920	6.0			0.68	3.0								0.67	54.8		0.13	21.02	0.00
	1920	7.0			0.69	3.0								0.69	56.4		0.13	21.03	0.00
	1920	8.0			0.69	3.0								0.74	59.7		0.13	21.03	0.00
	1920	9.0			0.70	3.1								0.74	59.5		0.13	21.03	0.00
	1920	10.0	2.7	0.35	0.70	3.1								0.81	65.1		0.13	21.03	0.00
653.0	1848	1.0				0.64	2.7							0.93	73.3	5.2	0.49	20.13	0.00
	1848	2.0			0.64	2.7								0.92	72.4		0.49	20.13	0.00
	1848	3.0			0.65	2.8								0.91	71.8		0.48	20.14	0.00
	1848	4.0			0.65	2.8								0.91	72.3		0.47	20.15	0.00
	1848	5.0			0.64	2.7								0.90	71.3		0.47	20.15	0.00
	1848	6.0			0.64	2.8								0.91	71.8		0.47	20.16	0.00
	1848	7.0			0.65	2.8								0.90	71.3		0.46	20.16	0.00
	1848	8.0			0.66	2.9								0.90	71.1		0.47	20.15	0.00
	1848	9.0			0.67	2.9								0.90	71.3		0.47	20.15	0.00
	1848	10.0			0.68	2.9								0.94	74.4		0.47	20.15	0.00
653.0	1848	11.0			0.68	3.0							0.95	75.2		0.47	20.15	0.00	
649.0	1823	1.0				0.54	2.2			8.2	8.4	94.6	0.92	72.4	6.0	1.59	20.32	0.00	
	1823	2.0	1.9	0.36	0.54	2.2		8.4	8.2	8.4	94.6	0.90	71.5		1.59	20.32	0.00		
	1823	3.0			0.55	2.2			8.2	8.4	94.7	0.91	72.0		1.59	20.31	0.00		
	1823	4.0			0.55	2.2			8.2	8.5	94.6	0.92	72.5		1.57	20.25	0.00		
	1823	5.0			0.55	2.2			8.2	8.4	94.3	0.92	72.5		1.55	20.22	0.00		
	1823	6.0			0.56	2.3			8.1	8.4	94.2	0.93	73.5		1.55	20.21	0.00		
	1823	7.0			0.56	2.3			8.2	8.5	94.5	0.94	74.2		1.55	20.22	0.00		
	1823	8.0			0.56	2.3			8.2	8.5	94.6	0.95	74.6		1.56	20.23	0.00		
	1823	9.0			0.56	2.3			8.2	8.5	94.8	0.95	74.9		1.57	20.25	0.00		
	1823	10.0	1.9	0.30	0.56	2.3			8.2	8.5	95.0	0.96	75.3		1.57	20.26	0.00		

North San Francisco Bay

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STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CHL a	OXYG	OXYG	CALC	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
2.0	1804	1.0			0.55	2.2		8.2	8.5	95.7	1.42	108.1	7.4	2.31	20.41	0.00			
2.0	1804	2.0			0.56	2.3		8.2	8.5	95.8	1.42	108.7		2.31	20.42	0.00			
2.0	1804	3.0			0.56	2.3		8.2	8.5	95.8	1.44	109.6		2.30	20.42	0.00			
2.0	1804	4.0			0.55	2.2		8.2	8.5	95.8	1.45	110.6		2.30	20.42	0.00			
2.0	1804	5.0			0.57	2.3		8.2	8.5	95.9	1.48	112.9		2.28	20.40	0.00			
2.0	1804	6.0			0.59	2.4		8.2	8.5	95.8	1.52	115.6		2.28	20.39	0.00			
2.0	1804	7.0			0.59	2.5		8.2	8.5	95.8	1.61	122.1		2.29	20.39	0.00			
2.0	1804	8.0			0.59	2.4		8.2	8.5	95.9	1.63	123.1		2.29	20.39	0.00			
2.0	1804	9.0			0.59	2.4		8.2	8.5	95.8	1.66	125.6		2.28	20.38	0.00			
2.0	1804	10.0			0.58	2.4		8.2	8.5	95.9	1.66	125.4		2.29	20.39	0.00			
2.0	1804	11.0			0.58	2.4		8.2	8.5	95.9	1.63	123.5		2.30	20.43	0.00			
3.0	1749	1.0			0.43	1.6		8.2	8.4	95.1	0.77	62.0	4.5	2.70	20.28	0.21			
3.0	1749	2.0	1.2	0.33	0.44	1.6	8.4	8.2	8.4	95.1	49.3	58.4		2.71	20.28	0.21			
3.0	1749	3.0			0.43	1.6		8.2	8.4	95.2	0.76	61.5		2.72	20.28	0.22			
3.0	1749	4.0			0.43	1.6		8.2	8.4	95.2	0.75	60.9		2.71	20.28	0.21			
3.0	1749	5.0			0.44	1.6		8.2	8.4	95.2	0.76	61.5		2.72	20.28	0.22			
3.0	1749	6.0			0.45	1.7		8.2	8.4	95.2	0.87	68.8		2.75	20.28	0.24			
3.0	1749	7.0			0.47	1.8		8.2	8.4	95.2	0.91	71.7		2.77	20.28	0.25			
3.0	1749	8.0			0.49	1.9		8.2	8.4	95.3	1.12	87.2		2.81	20.29	0.28			
3.0	1749	9.0			0.49	1.9		8.2	8.4	95.3	1.28	98.4		2.82	20.29	0.29			
3.0	1749	10.0			0.49	1.9		8.2	8.4	95.2	1.28	98.2		2.82	20.29	0.29			
3.0	1749	11.0	1.2	0.24	0.49	1.9		8.2	8.5	95.5	2.20	163.9		2.82	20.29	0.29			
4.0	1726	1.0			0.41	1.4		8.0	8.3	93.9	0.82	65.3	4.5	3.61	20.20	0.91			
4.0	1726	2.0			0.41	1.4		8.0	8.3	94.1	0.76	61.3		3.61	20.20	0.91			
4.0	1726	3.0			0.41	1.4		8.0	8.3	94.1	0.80	64.2		3.61	20.20	0.91			
4.0	1726	4.0			0.42	1.5		8.0	8.3	94.2	0.83	66.1		3.61	20.20	0.91			
4.0	1726	5.0			0.43	1.5		8.0	8.3	94.3	0.83	66.3		3.61	20.20	0.91			
4.0	1726	6.0			0.43	1.5		8.0	8.3	94.2	0.84	67.2		3.61	20.20	0.91			
4.0	1726	7.0			0.43	1.6		8.0	8.3	94.3	0.87	68.8		3.62	20.20	0.92			
4.0	1726	8.0			0.44	1.6		8.1	8.3	94.4	0.98	77.0		3.65	20.21	0.94			
4.0	1726	9.0			0.44	1.6		8.1	8.3	94.4	0.99	77.3		3.65	20.21	0.94			

STN	TIME	DEPTH	DISCR		CHL a	FLUOR	CALC		DISCR	OXYG	CALC		% OXY	DISCR	OBS	CALC		EXCOF	SALIN	TEMP	SIGT
			CHL a	a+PHA			CHL a	OXYG			OXYG	OXYG				SPM	SPM				
4.0	1726	10.0				0.45	1.7			8.1	8.3		94.5		1.02	79.7			3.71	20.23	0.98
4.0	1726	11.0				0.45	1.7			8.1	8.4		94.8		1.21	93.3			3.82	20.28	1.05
4.0	1726	12.0				0.46	1.7			8.1	8.4		94.9		1.22	93.7			3.84	20.28	1.07
4.0	1726	13.0				0.47	1.8			8.1	8.4		94.9		1.28	98.7			3.93	20.34	1.12
4.0	1726	14.0				0.48	1.8			8.1	8.4		95.3		1.31	100.6			3.98	20.36	1.16
4.0	1726	15.0				0.48	1.8			8.1	8.4		95.2		1.32	100.9			3.98	20.36	1.16
5.0	1709	1.0				0.41	1.5			8.0	8.3		94.5		0.56	46.9		3.4	4.65	20.43	1.65
5.0	1709	2.0				0.41	1.4			8.0	8.3		94.6		0.54	45.2			4.70	20.41	1.69
5.0	1709	3.0				0.41	1.4			8.0	8.3		94.6		0.53	44.8			4.91	20.34	1.86
5.0	1709	4.0				0.41	1.4			7.9	8.2		94.2		0.56	47.1			5.10	20.32	2.02
5.0	1709	5.0				0.42	1.5			7.9	8.2		94.1		0.63	51.8			5.36	20.34	2.20
5.0	1709	6.0				0.45	1.7			7.9	8.2		94.4		0.85	67.4			5.54	20.35	2.34
5.0	1709	7.0				0.47	1.8			7.9	8.2		94.6		1.15	89.1			5.60	20.35	2.39
5.0	1709	8.0				0.48	1.8			7.9	8.2		94.6		1.31	100.8			5.62	20.35	2.40
5.0	1709	9.0				0.49	1.9			7.9	8.2		94.7		1.42	108.2			5.61	20.35	2.40
5.0	1709	10.0				0.49	1.9			8.0	8.3		94.7		1.42	108.7			5.61	20.35	2.39
5.0	1709	11.0				0.50	1.9			8.0	8.3		94.8		1.50	113.7			5.62	20.36	2.40
5.0	1709	12.0				0.50	1.9			8.0	8.3		94.8		1.69	127.4			5.63	20.36	2.40
6.0	1648	1.0				0.44	1.6			7.7	8.1		93.9		0.61	50.2		3.7	7.99	20.34	4.20
6.0	1648	2.0		1.8	0.57	0.44	1.6		8.3	7.8	8.1		94.1	51.6	0.61	50.5			7.99	20.33	4.20
6.0	1648	3.0				0.44	1.6			7.8	8.1		94.1		0.64	52.5			8.03	20.33	4.23
6.0	1648	4.0				0.47	1.8			7.8	8.1		94.3		0.74	59.9			8.15	20.27	4.34
6.0	1648	5.0				0.50	1.9			7.8	8.1		93.9		1.34	102.4			8.29	20.16	4.46
6.0	1648	6.0				0.50	1.9			7.7	8.0		93.3		1.71	128.7			8.29	20.17	4.46
6.0	1648	7.0				0.52	2.1			7.8	8.1		93.8		1.89	141.6			8.33	20.13	4.50
6.0	1648	8.0				0.55	2.2			7.7	8.1		93.7		2.25	167.3			8.32	20.13	4.49
6.0	1648	9.0				0.56	2.3			7.8	8.1		93.9		2.38	176.6			8.35	20.11	4.52
6.0	1648	10.0		1.5	0.23	0.56	2.3			7.8	8.1		93.9		2.37	175.8			8.38	20.09	4.55
7.0	1627	1.0				0.49	1.9			7.9	8.2		96.7		0.41	36.6		1.8	10.03	20.40	5.73
7.0	1627	2.0				0.46	1.7			7.9	8.2		97.0		0.41	36.4			10.35	20.16	6.02

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STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CHL a	OXYG	OXYG	% OXY	DISCR	OBS	CALC	EXCOF	SALIN	TEMP	SIGT
			CHL a				OXYG				SAT	SPM		SPM				
7.0	1627	3.0			0.44	1.6			7.9	8.2	95.9		0.54	45.3		10.82	19.84	6.45
7.0	1627	4.0			0.44	1.6			7.7	8.0	93.6		0.89	70.3		11.05	19.81	6.63
7.0	1627	5.0			0.46	1.7			7.7	8.0	93.8		1.20	92.6		11.14	19.80	6.70
7.0	1627	6.0			0.50	1.9			7.7	8.0	94.0		1.78	133.9		11.18	19.79	6.73
7.0	1627	7.0			0.52	2.1			7.7	8.0	94.2		1.89	141.6		11.20	19.78	6.75
7.0	1627	8.0			0.53	2.1			7.7	8.0	94.3		2.00	149.8		11.22	19.78	6.77
7.0	1627	9.0			0.54	2.2			7.7	8.0	94.5		2.15	160.5		11.22	19.78	6.76
7.0	1627	10.0			0.55	2.2			7.7	8.1	94.7		2.33	173.5		11.20	19.78	6.75
7.0	1627	11.0			0.55	2.3			7.8	8.1	94.8		2.32	172.5		11.20	19.78	6.75
7.0	1627	12.0			0.56	2.3			7.8	8.1	94.7		2.35	174.6		11.20	19.78	6.75
7.0	1627	13.0			0.56	2.3			7.8	8.1	94.9		2.36	175.6		11.20	19.78	6.75
7.0	1627	14.0			0.57	2.3			7.8	8.1	94.9		2.35	175.0		11.20	19.78	6.75
8.0	1557	1.0			0.46	1.7			7.9	8.2	96.1		0.47	40.9	2.7	11.51	19.76	6.99
8.0	1557	2.0			0.46	1.7			7.9	8.2	96.0		0.47	40.9		11.67	19.57	7.15
8.0	1557	3.0			0.44	1.6			7.8	8.1	95.2		0.52	44.2		11.81	19.49	7.28
8.0	1557	4.0			0.42	1.5			7.8	8.1	94.8		0.55	46.2		11.98	19.43	7.42
8.0	1557	5.0			0.42	1.5			7.8	8.1	94.6		0.57	47.8		12.13	19.38	7.55
8.0	1557	6.0			0.42	1.5			7.7	8.1	94.6		0.64	53.0		12.53	19.34	7.86
8.0	1557	7.0			0.42	1.5			7.7	8.1	94.6		0.69	56.4		12.72	19.34	8.00
8.0	1557	8.0			0.43	1.5			7.7	8.1	94.7		0.75	60.8		13.09	19.34	8.28
8.0	1557	9.0			0.46	1.7			7.7	8.0	94.8		0.79	63.1		13.28	19.36	8.42
8.0	1557	10.0			0.52	2.1			7.7	8.0	95.0		0.85	67.8		13.70	19.46	8.71
8.0	1557	11.0			0.57	2.3			7.7	8.0	95.6		1.05	81.9		14.51	19.53	9.31
8.0	1557	12.0			0.60	2.5			7.7	8.0	95.8		1.59	120.3		14.90	19.55	9.60
8.0	1557	13.0			0.61	2.6			7.7	8.0	95.6		2.19	163.2		15.00	19.56	9.67
8.0	1557	14.0			0.62	2.6			7.7	8.0	95.5		2.67	197.9		15.01	19.56	9.68
8.0	1557	15.0			0.62	2.6			7.7	8.0	95.5		3.12	229.6		15.03	19.57	9.70
9.0	1540	1.0			0.45	1.7			8.1	8.4	98.9		0.48	41.3	2.3	13.09	19.58	8.22
9.0	1540	2.0	2.1	0.36	0.45	1.7			8.1	8.4	98.8	36.7	0.48	41.4		13.09	19.56	8.23
9.0	1540	3.0			0.44	1.6			8.1	8.4	98.9		0.48	41.4		13.08	19.55	8.23
9.0	1540	4.0			0.43	1.5			8.1	8.4	98.8		0.50	43.1		13.13	19.48	8.28

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CHL a	OXYG	CALC	% OXY	DISCR	OBS	CALC	EXCOF	SALIN	TEMP	SIGT
			CHL a				OXYG		OXYG		SAT	SPM		SPM				
9.0	1540	5.0			0.42	1.5		8.0	8.3	8.3	98.4		0.56	47.1		13.42	19.40	8.52
9.0	1540	6.0			0.41	1.5		8.0	8.3	8.3	98.0		0.64	52.9		13.62	19.38	8.67
9.0	1540	7.0			0.42	1.5		8.0	8.3	8.3	97.8		0.70	57.0		13.68	19.38	8.71
9.0	1540	8.0			0.43	1.6		8.0	8.3	8.3	98.0		0.73	59.3		13.90	19.38	8.88
9.0	1540	9.0			0.43	1.5		7.9	8.2	8.2	98.0		0.75	60.6		14.68	19.39	9.47
9.0	1540	10.0			0.42	1.5		7.9	8.2	8.2	98.2		0.81	64.6		15.56	19.41	10.14
9.0	1540	11.0			0.42	1.5		7.9	8.2	8.2	98.2		0.93	73.4		15.60	19.42	10.17
9.0	1540	12.0			0.42	1.5		7.9	8.2	8.2	98.0		1.00	78.1		15.63	19.42	10.19
9.0	1540	13.0			0.42	1.5		7.9	8.2	8.2	98.1		1.04	81.3		15.65	19.42	10.20
9.0	1540	14.0			0.42	1.5		7.9	8.2	8.2	98.0		1.06	83.0		15.71	19.42	10.25
9.0	1540	15.0			0.44	1.6		7.9	8.2	8.2	98.0		1.07	83.6		15.72	19.42	10.25
9.0	1540	16.0			0.44	1.6		7.9	8.2	8.2	98.1		1.09	85.0		15.74	19.42	10.27
9.0	1540	17.0			0.44	1.6		7.9	8.2	8.2	98.1		1.12	86.6		15.78	19.42	10.30
9.0	1540	18.0			0.44	1.6		7.9	8.2	8.2	98.1		1.12	86.9		15.80	19.43	10.31
9.0	1540	19.0			0.44	1.6		7.9	8.2	8.2	98.1		1.14	88.7		15.84	19.43	10.35
9.0	1540	20.0			0.45	1.7		7.9	8.2	8.2	98.2		1.17	90.5		15.96	19.44	10.43
9.0	1540	21.0			0.46	1.7		7.9	8.2	8.2	98.1		1.33	101.7		16.05	19.44	10.50
9.0	1540	22.0			0.47	1.8		7.9	8.2	8.2	98.2		1.40	107.1		16.26	19.45	10.65
9.0	1540	23.0			0.47	1.8		7.9	8.2	8.2	98.2		1.48	112.7		16.30	19.46	10.68
9.0	1540	24.0			0.48	1.8		7.9	8.2	8.2	98.2		1.57	119.3		16.36	19.46	10.73
9.0	1540	25.0			0.50	1.9		7.8	8.2	8.2	98.2		1.65	124.9		16.51	19.47	10.84
9.0	1540	26.0	1.5	0.36	0.50	1.9		7.8	8.2	8.2	98.3		1.74	131.0		16.60	19.48	10.91
10.0	1528	1.0			0.40	1.4		8.0	8.3	8.3	98.6		0.49	41.7	2.8	14.06	19.46	8.99
10.0	1528	2.0			0.39	1.3		8.0	8.3	8.3	98.2		0.55	46.1		14.40	19.38	9.27
10.0	1528	3.0			0.38	1.3		7.9	8.2	8.2	97.6		0.55	46.3		14.50	19.35	9.35
10.0	1528	4.0			0.39	1.3		7.9	8.2	8.2	97.4		0.66	54.3		14.58	19.34	9.41
10.0	1528	5.0			0.41	1.4		7.9	8.2	8.2	97.5		0.76	61.3		14.67	19.35	9.48
10.0	1528	6.0			0.41	1.4		7.9	8.2	8.2	97.7		0.81	65.0		14.77	19.37	9.54
10.0	1528	7.0			0.40	1.4		7.9	8.2	8.2	97.8		0.80	64.0		14.93	19.37	9.67
10.0	1528	8.0			0.41	1.4		7.9	8.2	8.2	97.9		0.77	62.0		15.01	19.37	9.73
10.0	1528	9.0			0.41	1.4		7.9	8.2	8.2	97.9		0.84	66.8		15.10	19.36	9.80
10.0	1528	10.0			0.41	1.4		7.9	8.2	8.2	97.9		0.83	66.3		15.19	19.37	9.87

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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
10.0	1528	11.0			0.41	1.4		7.9	8.2	97.9		0.88	70.0		15.37	19.38	9.99
10.0	1528	12.0			0.43	1.5		7.9	8.2	98.0		0.98	77.0		15.50	19.40	10.10
10.0	1528	13.0			0.44	1.6		7.9	8.2	98.0		1.20	92.4		15.73	19.42	10.26
10.0	1528	14.0			0.44	1.6		7.9	8.2	98.2		1.09	85.0		16.01	19.44	10.47
10.0	1528	15.0			0.43	1.5		7.9	8.2	98.4		1.04	81.5		16.36	19.47	10.73
10.0	1528	16.0			0.42	1.5		7.9	8.2	98.4		1.04	81.4		16.62	19.49	10.92
10.0	1528	17.0			0.44	1.6		7.8	8.1	98.3		1.09	84.7		17.04	19.51	11.23
10.0	1528	18.0			0.47	1.8		7.8	8.1	98.5		1.60	120.9		17.46	19.55	11.54
10.0	1528	19.0			0.47	1.8		7.8	8.1	98.5		1.87	140.6		17.51	19.56	11.58
11.0	1506	1.0			0.39	1.3		7.5	7.8	95.6		0.38	34.1	1.8	17.55	19.76	11.56
11.0	1506	2.0			0.38	1.3		7.5	7.9	95.7		0.37	33.3		17.55	19.76	11.57
11.0	1506	3.0			0.37	1.2		7.5	7.9	95.7		0.43	37.4		17.67	19.64	11.69
11.0	1506	4.0			0.37	1.2		7.5	7.8	95.0		0.45	39.0		17.89	19.59	11.86
11.0	1506	5.0			0.36	1.2		7.4	7.8	94.9		0.48	41.1		18.04	19.59	11.97
11.0	1506	6.0			0.37	1.2		7.4	7.8	95.1		0.53	45.1		18.36	19.61	12.21
11.0	1506	7.0			0.38	1.3		7.4	7.8	95.3		0.57	47.7		18.52	19.62	12.33
11.0	1506	8.0			0.39	1.3		7.5	7.8	95.4		0.63	51.8		18.62	19.63	12.40
11.0	1506	9.0			0.40	1.4		7.4	7.8	95.5		0.62	51.0		18.83	19.65	12.56
11.0	1506	10.0			0.40	1.4		7.4	7.8	95.7		0.64	53.0		19.12	19.68	12.77
11.0	1506	11.0			0.41	1.4		7.4	7.8	95.9		0.71	57.6		19.60	19.74	13.12
11.0	1506	12.0			0.41	1.4		7.4	7.7	95.9		0.90	71.1		20.24	19.80	13.59
12.0	1450	1.0			0.37	1.2		7.4	7.8	96.1		0.44	38.4	2.2	20.00	19.75	13.42
12.0	1450	2.0			0.38	1.3		7.4	7.8	96.1		0.52	44.3		20.21	19.77	13.58
12.0	1450	3.0			0.38	1.3		7.4	7.8	96.3		0.58	48.1		20.30	19.76	13.65
12.0	1450	4.0			0.39	1.3		7.4	7.8	96.2		0.61	50.7		20.36	19.76	13.69
12.0	1450	5.0			0.40	1.4		7.4	7.8	96.3		0.64	52.6		20.43	19.76	13.74
12.0	1450	6.0			0.40	1.4		7.4	7.8	96.3		0.64	52.9		20.51	19.76	13.81
12.0	1450	7.0			0.41	1.5		7.4	7.8	96.3		0.66	53.9		20.62	19.76	13.89
12.0	1450	8.0			0.43	1.5		7.4	7.8	96.3		0.81	64.6		20.69	19.75	13.94
12.0	1450	9.0			0.43	1.5		7.4	7.8	96.3		0.99	77.3		20.69	19.75	13.94

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CALC	CHL a	DISCR	CHL a	OKYG	OKYG	% OXY	DISCR	OBS	CALC	EXCOF	SALIN	TEMP	SIGT
13.0	1400	1.0			0.44	1.6		7.4	7.8	97.5		0.32	29.7	2.2	23.10	19.73	15.78				
13.0	1400	2.0	2.1	0.66	0.43	1.5	7.6	7.4	7.7	96.6	39.2	0.35	31.8		23.41	19.28	16.12				
13.0	1400	3.0			0.43	1.5		7.2	7.5	94.1		0.45	38.9		23.50	19.20	16.21				
13.0	1400	4.0			0.44	1.6		7.1	7.5	93.6		0.54	45.2		23.55	19.18	16.26				
13.0	1400	5.0			0.44	1.6		7.1	7.5	93.8		0.64	52.9		23.66	19.16	16.34				
13.0	1400	6.0			0.44	1.6		7.1	7.5	94.0		0.70	56.8		23.79	19.12	16.45				
13.0	1400	7.0			0.43	1.6		7.1	7.5	93.9		0.72	58.3		24.11	18.99	16.72				
13.0	1400	8.0			0.44	1.6		7.1	7.5	93.4		0.72	58.7		24.32	18.91	16.90				
13.0	1400	9.0			0.47	1.8		7.1	7.5	93.3		0.82	65.4		24.65	18.79	17.18				
13.0	1400	10.0	2.1	0.36	0.47	1.8		7.1	7.5	93.7		1.02	80.1		24.68	18.78	17.21				
14.0	1343	1.0			0.44	1.6		7.2	7.6	95.4		0.36	32.4	2.4	23.72	19.40	16.33				
14.0	1343	2.0			0.43	1.6		7.2	7.5	93.9		0.40	35.9		23.98	18.99	16.63				
14.0	1343	3.0			0.41	1.5		6.9	7.3	91.3		0.45	39.0		24.24	18.83	16.86				
14.0	1343	4.0			0.40	1.4		6.9	7.3	91.3		0.48	41.2		24.47	18.76	17.05				
14.0	1343	5.0			0.40	1.4		6.9	7.3	91.4		0.52	44.2		24.82	18.67	17.34				
14.0	1343	6.0			0.41	1.5		6.9	7.3	91.4		0.54	45.3		25.26	18.55	17.70				
14.0	1343	7.0			0.41	1.5		6.9	7.3	91.1		0.58	48.7		25.74	18.40	18.10				
14.0	1343	8.0			0.42	1.5		6.9	7.3	90.7		0.65	53.6		26.14	18.25	18.44				
14.0	1343	9.0			0.41	1.5		6.8	7.3	90.3		0.70	56.9		26.51	18.11	18.76				
14.0	1343	10.0			0.41	1.5		6.8	7.2	89.9		0.71	57.8		26.87	17.97	19.07				
14.0	1343	11.0			0.44	1.6		6.8	7.2	89.7		0.73	59.4		26.97	17.93	19.15				
14.0	1343	12.0			0.49	1.9		6.8	7.2	89.9		0.81	65.2		27.32	17.79	19.45				
14.0	1343	13.0			0.54	2.2		6.8	7.2	89.6		1.36	103.7		27.36	17.77	19.49				
14.0	1343	14.0			0.54	2.2		6.8	7.2	89.8		2.08	155.1		27.36	17.77	19.49				
15.0	1322	1.0			0.43	1.6		7.3	7.7	95.8		0.33	30.5	2.4	24.87	18.71	17.37				
15.0	1322	2.0	2.0	0.59	0.43	1.5	7.6	7.2	7.6	94.6		0.43	37.6		25.02	18.46	17.54				
15.0	1322	3.0			0.42	1.5		7.1	7.5	92.8		0.50	42.8		25.06	18.41	17.59				
15.0	1322	4.0			0.42	1.5		7.1	7.5	93.0		0.59	49.1		25.10	18.35	17.63				
15.0	1322	5.0			0.44	1.6		7.1	7.5	93.1		0.66	54.1		25.39	18.19	17.89				
15.0	1322	6.0			0.44	1.6		7.1	7.5	92.8		0.70	56.7		25.49	18.14	17.97				
15.0	1322	7.0			0.42	1.5		7.1	7.5	93.1		0.73	59.3		25.78	18.05	18.22				

North San Francisco Bay

June 15, 1994

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STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	OXYG	OXYG	CALC	% OXY	DISCR	OBS	SPM	CALC	EXCOF	SALIN	TEMP	SIGT
15.0	1322	8.0			0.41	1.5		7.1	7.5	7.5	92.9		0.74	59.6			26.28	17.87	18.64
15.0	1322	9.0			0.40	1.4		7.1	7.5	7.5	92.2		0.75	60.2			26.58	17.75	18.89
15.0	1322	10.0			0.39	1.4		7.0	7.4	7.4	92.0		0.77	61.8			26.70	17.74	18.99
15.0	1322	11.0			0.40	1.4		7.1	7.5	7.5	92.3		0.78	63.0			26.72	17.76	19.00
15.0	1322	12.0			0.40	1.4		7.1	7.5	7.5	92.6		0.82	65.3			26.74	17.76	19.01
15.0	1322	13.0			0.40	1.4		7.1	7.5	7.5	92.7		0.84	66.9			26.76	17.79	19.02
15.0	1322	14.0			0.40	1.4		7.1	7.5	7.5	92.8		0.87	68.8			26.81	17.83	19.05
15.0	1322	15.0			0.41	1.4		7.1	7.5	7.5	93.0		0.88	70.1			26.94	17.83	19.15
15.0	1322	16.0			0.42	1.5		7.1	7.5	7.5	92.7		0.89	70.8			27.04	17.80	19.23
15.0	1322	17.0			0.42	1.5		7.1	7.5	7.5	92.5		0.92	72.7			27.23	17.73	19.40
15.0	1322	18.0			0.42	1.5		7.0	7.4	7.4	92.1		0.93	73.0			27.41	17.66	19.55
15.0	1322	19.0			0.43	1.5		7.0	7.4	7.4	91.6		0.96	75.5			27.74	17.52	19.84
15.0	1322	20.0			0.44	1.6		6.9	7.4	7.4	91.1		0.98	76.7			28.02	17.42	20.07
15.0	1322	21.0			0.46	1.7		6.9	7.3	7.3	90.7		1.02	80.0			28.26	17.32	20.27
15.0	1322	22.0			0.50	1.9		6.9	7.3	7.3	90.5		1.34	102.4			28.37	17.27	20.37
15.0	1322	23.0	2.0	0.22	0.50	1.9		6.9	7.3	7.3	90.7		1.45	110.2			28.37	17.27	20.38
16.0	1255	1.0			0.40	1.4		7.3	7.7	7.7	95.2		0.37	33.6		2.2	27.05	17.93	19.21
16.0	1255	2.0			0.40	1.4		7.3	7.7	7.7	95.2		0.36	33.0			27.05	17.88	19.22
16.0	1255	3.0			0.39	1.3		7.3	7.7	7.7	95.1		0.38	34.1			27.02	17.77	19.23
16.0	1255	4.0			0.39	1.3		7.3	7.6	7.6	94.2		0.42	37.3			27.06	17.56	19.31
16.0	1255	5.0			0.39	1.3		7.2	7.6	7.6	93.4		0.53	44.8			27.10	17.53	19.34
16.0	1255	6.0			0.40	1.4		7.2	7.6	7.6	93.5		0.57	47.9			27.18	17.50	19.41
16.0	1255	7.0			0.41	1.4		7.2	7.6	7.6	93.6		0.61	50.7			27.26	17.46	19.48
16.0	1255	8.0			0.42	1.5		7.2	7.6	7.6	93.4		0.64	52.9			27.38	17.41	19.58
16.0	1255	9.0			0.42	1.5		7.2	7.6	7.6	93.5		0.69	56.4			27.42	17.39	19.62
16.0	1255	10.0			0.42	1.5		7.2	7.6	7.6	93.4		0.72	58.2			27.43	17.38	19.63
16.0	1255	11.0			0.41	1.4		7.2	7.6	7.6	93.5		0.74	59.8			27.45	17.38	19.65
16.0	1255	12.0			0.40	1.4		7.2	7.6	7.6	93.6		0.72	58.6			27.62	17.31	19.79
16.0	1255	13.0			0.40	1.4		7.2	7.6	7.6	93.5		0.71	58.1			27.76	17.24	19.91
18.0	1207	1.0			0.56	2.3		6.7	7.1	7.1	86.6		0.33	30.3		2.0	30.46	15.87	22.29
18.0	1207	2.0	3.4	0.48	0.58	2.4	7.0	6.7	7.1	7.1	86.7	33.2	0.31	29.3			30.78	15.55	22.61

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
18.0	1207	3.0			0.59	2.4		6.6	7.1	85.6		0.32	29.9		30.87	15.45	22.70
18.0	1207	4.0			0.58	2.4		6.6	7.1	85.6		0.32	29.9		30.88	15.44	22.70
18.0	1207	5.0			0.58	2.4		6.6	7.1	85.8		0.33	30.9		30.85	15.46	22.67
18.0	1207	6.0			0.61	2.6		6.7	7.1	86.1		0.33	30.4		30.88	15.44	22.70
18.0	1207	7.0			0.63	2.7		6.7	7.1	85.9		0.32	30.0		30.97	15.34	22.80
18.0	1207	8.0			0.64	2.7		6.6	7.1	85.5		0.31	29.2		31.04	15.26	22.86
18.0	1207	9.0			0.63	2.7		6.6	7.1	85.5		0.31	29.2		31.04	15.26	22.87
18.0	1207	10.0			0.62	2.6		6.6	7.1	85.5		0.31	29.5		31.03	15.27	22.86
18.0	1207	11.0			0.62	2.6		6.7	7.1	85.7		0.32	29.9		30.99	15.31	22.82
18.0	1207	12.0			0.61	2.6		6.7	7.1	86.1		0.32	30.0		30.95	15.35	22.78
18.0	1207	13.0			0.61	2.6		6.7	7.1	86.3		0.32	29.9		30.96	15.35	22.78
18.0	1207	14.0			0.62	2.6		6.7	7.1	86.1		0.32	30.1		30.96	15.35	22.78
18.0	1207	15.0			0.64	2.7		6.7	7.1	86.3		0.31	29.4		31.02	15.28	22.85
18.0	1207	16.0			0.64	2.8		6.7	7.1	85.6		0.33	30.4		31.21	15.07	23.04
18.0	1207	17.0			0.64	2.7		6.6	7.0	84.5		0.32	29.9		31.29	14.98	23.12
18.0	1207	18.0			0.63	2.7		6.6	7.0	84.6		0.31	29.4		31.32	14.95	23.15
18.0	1207	19.0			0.63	2.7		6.6	7.0	84.7		0.32	29.6		31.34	14.92	23.17
18.0	1207	20.0			0.64	2.7		6.6	7.1	84.8		0.31	29.1		31.36	14.90	23.19
18.0	1207	21.0			0.64	2.8		6.6	7.1	85.0		0.32	29.6		31.30	14.97	23.13
18.0	1207	22.0			0.65	2.8		6.7	7.1	85.2		0.33	30.9		31.43	14.81	23.26
18.0	1207	23.0			0.67	2.9		6.6	7.0	84.2		0.37	33.1		31.52	14.70	23.36
18.0	1207	24.0			0.68	3.0		6.6	7.0	84.1		0.40	35.6		31.55	14.67	23.38
18.0	1207	25.0			0.70	3.1		6.6	7.0	84.0		0.42	36.8		31.55	14.66	23.39
18.0	1207	26.0			0.74	3.3		6.6	7.0	84.1		0.49	41.7		31.56	14.65	23.39
18.0	1207	27.0			0.76	3.4		6.6	7.0	84.3		0.47	40.2		31.56	14.65	23.40
18.0	1207	28.0			0.75	3.3		6.6	7.0	84.1		0.47	40.5		31.56	14.65	23.40
18.0	1207	29.0			0.74	3.3		6.6	7.0	84.3		0.49	42.0		31.59	14.60	23.43
18.0	1207	30.0			0.73	3.2		6.6	7.0	84.2		0.48	41.3		31.58	14.62	23.42
18.0	1207	31.0			0.73	3.2		6.6	7.0	84.3		0.51	43.3		31.58	14.62	23.42
18.0	1207	32.0			0.74	3.3		6.6	7.0	84.3		0.51	43.6		31.59	14.61	23.43
18.0	1207	33.0			0.75	3.3		6.6	7.0	84.2		0.55	46.1		31.61	14.58	23.45
18.0	1207	34.0			0.76	3.4		6.6	7.0	84.1		0.54	45.6		31.62	14.57	23.46
18.0	1207	35.0			0.74	3.3		6.6	7.0	84.0		0.54	45.8		31.62	14.57	23.46

North San Francisco Bay

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STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	OXYG	CALC	% OXY	DISCR	OBS	CALC	EXCOF	SALIN	TEMP	SIGT
18.0	1207	36.0			0.76	3.4		6.6	7.0	84.1		0.57	47.7		31.63	14.56	23.47
18.0	1207	37.0			0.76	3.4		6.6	7.0	84.1		0.53	45.0		31.63	14.56	23.46
18.0	1207	38.0			0.75	3.3		6.6	7.0	84.2		0.46	40.1		31.62	14.58	23.46
18.0	1207	39.0			0.76	3.4		6.6	7.0	84.2		0.47	40.9		31.63	14.57	23.46
18.0	1207	40.0	4.2	0.38	0.76	3.4		6.6	7.0	84.1		0.48	41.4		31.62	14.57	23.46
.....																	
												n	r^2	Slope	Inter.	Std. Err.	
Fluorometer Calibration:												16	0.517	5.623	-0.866	0.570	
OBS Calibration:												7	0.954	71.370	7.022	6.417	
Dissolved Oxygen Calibration:												12	0.939	0.893	1.150	0.153	

Note: Dissolved oxygen calibration combines North and South Bay data
SeaBird v4.026

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June 16, 1994

Non-standard stations: San Francisco Bay

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CHL a	OXYG	OXYG	CALC	% OXY	DISCR	SPM	OBS	CALC	EXCOF	SALIN	TEMP	SIGT
757	0713	1.0			0.55	2.2									0.52	44.1	3.0	0.20	20.73	0.00
757	0713	2.0	2.1	0.50	0.54	2.2	7.9							34.6	0.49	41.6		0.20	20.73	0.00
757	0713	3.0			0.54	2.2									0.51	43.6		0.20	20.75	0.00
757	0713	4.0			0.56	2.3									0.52	43.9		0.20	20.78	0.00
757	0713	5.0			0.57	2.3									0.54	45.5		0.20	20.79	0.00
757	0713	6.0			0.57	2.3									0.54	45.6		0.21	20.79	0.00
757	0713	7.0			0.57	2.3									0.56	46.7		0.21	20.78	0.00
757	0713	8.0			0.57	2.3									0.56	47.3		0.21	20.77	0.00
757	0713	9.0			0.57	2.3									0.56	46.8		0.21	20.75	0.00
757	0713	10.0			0.58	2.4									0.57	47.5		0.21	20.75	0.00
757	0713	11.0			0.60	2.5									0.70	57.1		0.22	20.75	0.00
757	0713	12.0	2.2	0.21	0.60	2.5									0.89	70.7		0.22	20.75	0.00
753	0745	1.0			0.60	2.5									0.58	48.1	3.8	0.34	20.27	0.00
753	0745	2.0			0.60	2.5									0.56	46.9		0.35	20.27	0.00
753	0745	3.0			0.60	2.5									0.55	46.0		0.35	20.27	0.00
753	0745	4.0			0.61	2.6									0.55	46.1		0.35	20.28	0.00
753	0745	5.0			0.62	2.6									0.55	46.5		0.35	20.27	0.00
753	0745	6.0			0.62	2.6									0.56	46.8		0.35	20.27	0.00
753	0745	7.0			0.62	2.6									0.58	48.3		0.35	20.25	0.00
753	0745	8.0			0.63	2.7									0.60	49.6		0.36	20.22	0.00
753	0745	9.0			0.62	2.6									0.63	52.3		0.36	20.22	0.00
753	0745	10.0			0.63	2.7									0.67	55.1		0.36	20.22	0.00
753	0745	11.0			0.63	2.7									0.69	56.6		0.36	20.22	0.00
753	0745	12.0			0.63	2.7									0.72	58.1		0.36	20.22	0.00
747	0825	1.0			0.49	1.9									0.69	55.9	3.4	1.90	19.85	0.00
747	0825	2.0			0.49	1.9									0.70	56.7		2.08	19.88	0.00
747	0825	3.0			0.49	1.9									0.77	62.0		2.21	19.95	0.00
747	0825	4.0			0.49	1.9									0.78	62.8		2.23	19.97	0.00
747	0825	5.0			0.50	1.9									0.81	65.1		2.23	19.97	0.00
747	0825	6.0			0.50	1.9									0.81	64.8		2.22	19.97	0.00
747	0825	7.0			0.50	1.9									0.82	65.8		2.25	19.98	0.00

Non-standard stations: San Francisco Bay

June 16, 1994

94167

STN	TIME	DEPTH	DISCR		CHL a	FLUOR	CALC	DISCR		OXYG	OXYG	CALC	% OXY	DISCR		OBS	SPM	CALC	EXCOF	SALIN	TEMP	SIGT
			CHL a	a+PHA				CHL a	OXYG					SPM	SPM							
747	0825	8.0			0.50	1.9		7.8	8.1	90.9		0.81		65.0		2.27	19.98	0.00				
747	0825	9.0			0.49	1.9		7.8	8.1	91.1		0.82		65.4		2.36	20.00	0.01				
747	0825	10.0			0.48	1.8		7.8	8.1	91.0		0.81		64.7		2.41	20.00	0.04				
747	0825	11.0			0.48	1.8		7.8	8.1	91.2		0.80		64.4		2.46	20.00	0.08				
747	0825	12.0			0.48	1.8		7.9	8.2	91.5		0.83		66.3		2.47	20.00	0.09				
747	0825	13.0			0.48	1.8		7.9	8.2	91.4		0.82		65.6		2.47	19.99	0.09				
747	0825	14.0			0.48	1.8		7.9	8.2	91.5		0.83		66.5		2.48	19.99	0.10				
747	0825	15.0			0.48	1.8		7.9	8.2	91.6		0.85		67.6		2.49	19.99	0.11				
747	0825	16.0			0.48	1.8		7.9	8.2	91.8		0.85		67.5		2.49	19.99	0.11				
747	0825	17.0			0.48	1.8		7.9	8.2	91.8		0.84		66.8		2.49	19.99	0.11				
747	0825	18.0			0.48	1.8		7.9	8.2	91.7		0.85		67.8		2.50	19.99	0.11				
.....																						
												Slope		Inter.		Std. Err.						
.....																						
Fluorometer Calibration:												16		0.517		5.623		-0.866		0.570		
OBS Calibration:												7		0.954		71.370		7.022		6.417		
Dissolved Oxygen Calibration:												12		0.939		0.893		1.150		0.153		

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
36.0	0721	1.0			0.95	3.8		6.1	6.5	86.3	0.41	29.9	2.7	29.03	20.94	19.98
36.0	0721	2.0	4.8	0.81	0.93	3.7	6.3	6.0	6.3	85.0	0.43	30.7		29.31	21.23	20.11
36.0	0721	3.0			0.93	3.7		6.0	6.3	85.2	0.47	33.4		29.39	21.24	20.16
36.0	0721	4.0			0.93	3.7		6.0	6.4	85.7	0.48	34.1		29.45	21.27	20.20
36.0	0721	5.0			0.94	3.7		6.0	6.3	85.3	0.52	36.4		29.54	21.37	20.25
36.0	0721	6.0			0.99	3.9		5.9	6.3	85.0	0.66	44.7		29.59	21.39	20.28
36.0	0721	7.0			1.07	4.1		5.9	6.3	85.0	0.93	61.1		29.64	21.39	20.32
36.0	0721	8.0			1.14	4.3		5.9	6.3	84.8	1.39	89.0		29.69	21.38	20.36
36.0	0721	9.0	3.8	0.47	1.13	4.3		5.9	6.3	84.8	1.73	108.9		29.71	21.38	20.37
35.0	0733	1.0			0.96	3.8		6.1	6.5	86.5	0.42	30.2	2.6	29.57	21.02	20.36
35.0	0733	2.0			0.97	3.8		6.0	6.4	86.0	0.61	41.9		29.75	21.19	20.46
35.0	0733	3.0			1.00	3.9		6.0	6.4	86.3	0.65	43.9		29.78	21.21	20.47
35.0	0733	4.0			1.05	4.1		6.0	6.4	86.7	0.73	49.2		29.87	21.29	20.52
35.0	0733	5.0			1.10	4.2		6.0	6.4	86.8	0.93	61.1		29.94	21.33	20.56
35.0	0733	6.0			1.14	4.3		6.0	6.4	86.7	1.09	70.7		29.97	21.33	20.58
35.0	0733	7.0			1.18	4.4		6.0	6.4	86.8	1.31	84.0		29.98	21.33	20.59
35.0	0733	8.0			1.24	4.6		6.0	6.4	86.4	1.76	111.1		29.99	21.32	20.60
35.0	0733	9.0			1.25	4.6		6.0	6.4	86.4	2.39	149.1		29.99	21.32	20.60
34.0	0742	1.0			1.07	4.1		6.1	6.5	87.5	0.59	40.5	2.8	29.74	20.90	20.52
34.0	0742	2.0			1.07	4.1		6.2	6.6	88.1	0.70	47.0		29.86	20.92	20.61
34.0	0742	3.0			1.13	4.3		6.2	6.6	88.5	0.76	50.6		29.94	20.93	20.67
34.0	0742	4.0			1.19	4.5		6.2	6.6	88.3	0.95	62.5		30.09	20.92	20.78
34.0	0742	5.0			1.22	4.5		6.2	6.6	88.5	1.00	65.2		30.18	20.93	20.85
34.0	0742	6.0			1.25	4.6		6.2	6.6	88.2	1.23	78.9		30.19	20.95	20.85
34.0	0742	7.0			1.25	4.6		6.2	6.6	88.3	1.60	101.1		30.21	20.97	20.86
33.0	0754	1.0			1.07	4.1		6.2	6.6	89.1	0.86	56.9	4.1	30.36	21.13	20.93
33.0	0754	2.0			1.07	4.1		6.2	6.6	89.2	0.87	57.3		30.36	21.14	20.93
33.0	0754	3.0			1.07	4.1		6.2	6.6	89.4	0.89	58.7		30.36	21.14	20.93
33.0	0754	4.0			1.08	4.1		6.2	6.6	89.4	0.92	60.5		30.36	21.14	20.93
33.0	0754	5.0			1.09	4.2		6.2	6.6	89.5	0.94	61.5		30.36	21.15	20.93

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STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	OXYG	CALC	% OXY	DISCR	OBS	SPM	CALC	EXCOF	SALIN	TEMP	SIGT
33.0	0754	6.0			1.09	4.2		6.2	6.7	89.8		0.95	62.5			30.36	21.15	20.93
33.0	0754	7.0			1.09	4.2		6.2	6.7	89.8		0.95	62.2			30.36	21.15	20.93
33.0	0754	8.0			1.10	4.2		6.2	6.7	89.9		0.96	62.7			30.36	21.15	20.93
33.0	0754	9.0			1.11	4.2		6.2	6.7	89.8		1.00	65.5			30.37	21.15	20.93
33.0	0754	10.0			1.11	4.2		6.2	6.7	90.0		1.03	66.8			30.36	21.15	20.93
33.0	0754	11.0			1.12	4.2		6.2	6.7	90.0		1.03	67.3			30.36	21.15	20.93
33.0	0754	12.0			1.12	4.3		6.2	6.7	89.8		1.06	68.6			30.38	21.17	20.94
32.0	0805	1.0			1.03	4.0		6.2	6.6	89.6		0.92	60.4		3.9	30.44	21.10	21.00
32.0	0805	2.0	4.5	0.61	1.04	4.0	6.7	6.2	6.6	89.5	57.3	0.93	60.9			30.44	21.10	21.00
32.0	0805	3.0			1.06	4.1		6.2	6.6	89.5		0.95	62.0			30.44	21.10	21.00
32.0	0805	4.0			1.10	4.2		6.2	6.6	89.3		1.00	65.0			30.43	21.09	21.00
32.0	0805	5.0			1.15	4.3		6.2	6.6	89.2		1.08	70.3			30.43	21.08	21.00
32.0	0805	6.0			1.17	4.4		6.2	6.6	89.2		1.22	78.6			30.43	21.08	21.00
32.0	0805	7.0			1.20	4.5		6.2	6.6	89.2		1.38	87.9			30.43	21.08	21.00
32.0	0805	8.0			1.22	4.5		6.2	6.6	89.3		1.46	93.0			30.43	21.08	21.00
32.0	0805	9.0			1.23	4.6		6.2	6.6	89.3		1.55	98.2			30.43	21.08	21.00
32.0	0805	10.0			1.25	4.6		6.2	6.6	89.2		1.67	105.9			30.43	21.07	21.00
32.0	0805	11.0			1.30	4.8		6.2	6.6	88.9		1.89	118.6			30.42	21.07	21.00
32.0	0805	12.0	5.1	0.61	1.31	4.8		6.2	6.6	88.9		2.32	144.5			30.42	21.06	21.00
31.0	0815	1.0			0.97	3.8		6.3	6.7	90.6		0.86	56.7		4.7	30.52	21.06	21.08
31.0	0815	2.0			0.98	3.8		6.3	6.7	90.6		0.85	55.9			30.52	21.06	21.08
31.0	0815	3.0			0.98	3.9		6.3	6.7	90.6		0.86	56.9			30.52	21.06	21.08
31.0	0815	4.0			0.99	3.9		6.3	6.7	90.7		0.86	56.9			30.52	21.06	21.08
31.0	0815	5.0			1.01	3.9		6.3	6.7	90.6		0.85	56.2			30.52	21.06	21.08
31.0	0815	6.0			1.02	4.0		6.3	6.7	90.6		0.87	57.6			30.52	21.07	21.08
31.0	0815	7.0			1.05	4.0		6.3	6.7	90.6		0.96	63.0			30.53	21.06	21.08
31.0	0815	8.0			1.08	4.1		6.3	6.7	90.5		1.12	72.3			30.53	21.06	21.08
31.0	0815	9.0			1.11	4.2		6.3	6.7	90.5		1.31	84.1			30.53	21.05	21.08
31.0	0815	10.0			1.14	4.3		6.3	6.7	90.5		1.51	96.0			30.53	21.04	21.09
31.0	0815	11.0			1.16	4.4		6.3	6.7	90.8		1.70	107.2			30.53	21.04	21.09
31.0	0815	12.0			1.19	4.5		6.3	6.7	90.6		1.78	112.5			30.53	21.03	21.09

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STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CHL a	OXYG	CALC	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
31.0	0815	13.0			1.20	4.5		6.3	6.7	90.7			2.15	134.7		30.53	21.03	21.09
30.0	0832	1.0			0.92	3.7		6.3	6.8	91.6			0.80	53.2	4.0	30.58	21.03	21.13
30.0	0832	2.0	4.2	0.63	0.92	3.7		6.3	6.8	91.7		58.9	0.82	54.3		30.58	21.03	21.13
30.0	0832	3.0			0.94	3.7		6.3	6.8	91.7			0.86	56.6		30.58	21.02	21.13
30.0	0832	4.0			0.96	3.8		6.3	6.8	91.6			0.90	59.0		30.58	21.02	21.13
30.0	0832	5.0			0.98	3.9		6.3	6.8	91.7			0.99	64.7		30.58	21.02	21.13
30.0	0832	6.0			1.00	3.9		6.3	6.8	91.8			1.01	65.9		30.58	21.02	21.13
30.0	0832	7.0			1.00	3.9		6.3	6.8	91.8			0.98	63.9		30.58	21.02	21.13
30.0	0832	8.0			1.00	3.9		6.3	6.8	91.8			1.05	68.4		30.58	21.02	21.13
30.0	0832	9.0			1.01	3.9		6.3	6.8	91.9			1.06	69.0		30.58	21.02	21.13
30.0	0832	10.0			1.01	3.9		6.3	6.8	91.8			1.09	70.5		30.58	21.02	21.13
30.0	0832	11.0	1.5	0.24	1.01	3.9		6.4	6.8	92.0			1.07	69.3		30.58	21.02	21.13
29.5	0903	1.0			0.83	3.4		6.4	6.8	92.2			0.52	36.5	2.9	30.57	21.08	21.10
29.5	0903	2.0			0.83	3.4		6.4	6.9	92.4			0.48	33.7		30.57	21.09	21.10
29.5	0903	3.0			0.84	3.4		6.4	6.8	92.3			0.47	33.2		30.57	21.09	21.10
29.5	0903	4.0			0.85	3.5		6.4	6.8	92.2			0.47	33.1		30.57	21.08	21.10
29.5	0903	5.0			0.87	3.5		6.4	6.9	92.4			0.50	35.1		30.56	21.05	21.11
29.5	0903	6.0			0.89	3.6		6.4	6.9	92.4			0.63	42.7		30.57	21.05	21.11
29.5	0903	7.0			0.90	3.6		6.4	6.9	92.5			0.71	47.6		30.56	21.04	21.11
29.5	0903	8.0			0.91	3.7		6.4	6.9	92.5			0.79	52.7		30.56	21.04	21.11
29.5	0903	9.0			0.92	3.7		6.4	6.9	92.6			0.85	56.1		30.56	21.03	21.11
29.5	0903	10.0			0.93	3.7		6.4	6.9	92.6			0.94	61.4		30.56	21.03	21.11
29.5	0903	11.0			0.94	3.7		6.4	6.9	92.6			0.99	64.4		30.56	21.03	21.11
29.5	0903	12.0			0.95	3.8		6.4	6.9	92.6			1.21	77.6		30.56	21.03	21.11
29.5	0903	13.0			0.95	3.8		6.4	6.9	92.4			1.23	78.8		30.56	21.03	21.11
29.5	0903	14.0			0.96	3.8		6.4	6.8	92.2			1.27	81.8		30.56	21.03	21.11
29.5	0903	15.0			0.96	3.8		6.4	6.9	92.6			1.46	92.6		30.56	21.03	21.11
29.0	0914	1.0			0.67	2.9		6.3	6.8	91.4			0.29	22.5	1.9	30.63	20.91	21.19
29.0	0914	2.0			0.66	2.9		6.3	6.8	91.5			0.28	22.1		30.63	20.91	21.19
29.0	0914	3.0			0.67	2.9		6.3	6.8	91.5			0.29	22.2		30.63	20.91	21.19

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STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CALC	% OXY	DISCR	CALC	SPM	OBIS	EXCOF	SALIN	TEMP	SIGT
29.0	0914	4.0			0.67	3.0		6.3	6.8	91.5	6.8	22.1	0.28		30.63	20.92	21.19
29.0	0914	5.0			0.68	3.0		6.3	6.8	91.4	6.3	22.2	0.29		30.63	20.92	21.19
29.0	0914	6.0			0.68	3.0		6.3	6.8	91.2	6.3	22.3	0.29		30.63	20.91	21.20
29.0	0914	7.0			0.68	3.0		6.4	6.8	91.8	6.4	22.9	0.30		30.67	20.82	21.25
29.0	0914	8.0			0.68	3.0		6.4	6.9	92.0	6.4	27.8	0.38		30.67	20.83	21.25
29.0	0914	9.0			0.68	3.0		6.4	6.9	92.1	6.4	29.6	0.41		30.67	20.83	21.25
29.0	0914	10.0			0.69	3.0		6.4	6.9	92.2	6.4	30.5	0.42		30.67	20.82	21.25
29.0	0914	11.0			0.70	3.0		6.4	6.9	92.5	6.4	35.7	0.51		30.69	20.79	21.27
29.0	0914	12.0			0.71	3.1		6.4	6.9	92.6	6.4	39.0	0.56		30.69	20.79	21.27
29.0	0914	13.0			0.72	3.1		6.4	6.9	92.6	6.4	42.0	0.61		30.69	20.78	21.28
29.0	0914	14.0			0.72	3.1		6.4	6.9	92.7	6.4	46.3	0.69		30.69	20.78	21.28
28.0	0927	1.0			0.62	2.8		6.5	7.0	93.3	6.5	34.4	0.49	2.8	30.75	20.73	21.34
28.0	0927	2.0			0.62	2.8		6.5	7.0	93.2	6.5	34.7	0.49		30.75	20.72	21.34
28.0	0927	3.0			0.63	2.8		6.5	6.9	93.1	6.5	36.2	0.52		30.75	20.72	21.34
28.0	0927	4.0			0.64	2.9		6.4	6.9	93.0	6.4	37.6	0.54		30.75	20.72	21.34
28.0	0927	5.0			0.65	2.9		6.4	6.9	93.1	6.4	38.1	0.55		30.75	20.72	21.34
28.0	0927	6.0			0.66	2.9		6.4	6.9	92.9	6.4	38.5	0.56		30.75	20.71	21.34
28.0	0927	7.0			0.68	3.0		6.4	6.9	93.0	6.4	46.9	0.70		30.75	20.70	21.34
28.0	0927	8.0			0.69	3.0		6.4	6.9	93.0	6.4	51.6	0.77		30.75	20.70	21.34
28.0	0927	9.0			0.69	3.0		6.4	6.9	93.0	6.4	53.1	0.80		30.75	20.70	21.34
28.0	0927	10.0			0.71	3.1		6.4	6.9	93.0	6.4	58.4	0.89		30.75	20.70	21.34
28.0	0927	11.0			0.72	3.1		6.5	6.9	93.1	6.5	58.7	0.89		30.75	20.70	21.34
28.0	0927	12.0			0.71	3.1		6.5	6.9	93.1	6.5	59.4	0.90		30.75	20.70	21.34
28.0	0927	13.0			0.71	3.1		6.5	7.0	93.1	6.5	60.8	0.93		30.75	20.69	21.34
28.0	0927	14.0			0.72	3.1		6.5	6.9	93.1	6.5	59.7	0.91		30.75	20.69	21.34
28.0	0927	15.0			0.72	3.1		6.5	7.0	93.1	6.5	62.6	0.96		30.75	20.69	21.34
27.0	0939	1.0			0.53	2.6		6.5	6.9	93.1	6.5	26.7	0.36	2.2	30.76	20.70	21.35
27.0	0939	2.0	2.6	0.74	0.53	2.5		6.4	6.9	93.0	6.4	27.3	0.37		30.76	20.70	21.35
27.0	0939	3.0			0.53	2.5		6.4	6.9	92.9	6.4	24.9	0.33		30.76	20.69	21.35
27.0	0939	4.0			0.53	2.6		6.4	6.9	92.9	6.4	25.8	0.35		30.76	20.69	21.35
27.0	0939	5.0			0.55	2.6		6.4	6.9	92.7	6.4	25.4	0.34		30.76	20.70	21.35

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STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	OXYG	CALC	% OXY	DISCR	CALC	EXCOF	SALIN	TEMP	SIGT
			CHL a			CHL a	OXYG	OXYG		SAT	SPM	OBS				
27.0	0939	6.0			0.58	2.7		6.4	6.9	92.7		0.43		30.78	20.67	21.38
27.0	0939	7.0			0.59	2.7		6.4	6.9	92.8		0.66		30.79	20.67	21.38
27.0	0939	8.0			0.59	2.7		6.4	6.9	92.9		0.70		30.79	20.67	21.38
27.0	0939	9.0			0.60	2.8		6.4	6.9	92.9		0.67		30.78	20.67	21.38
27.0	0939	10.0			0.61	2.8		6.5	7.0	93.1		0.84		30.80	20.67	21.39
27.0	0939	11.0			0.61	2.8		6.4	6.9	92.8		0.94		30.80	20.67	21.39
27.0	0939	12.0	2.6	0.43	0.61	2.8		6.4	6.9	92.8		0.97		30.80	20.67	21.39
26.0	0950	1.0			0.55	2.6		6.4	6.9	92.2		0.48	2.7	30.75	20.66	21.35
26.0	0950	2.0			0.54	2.6		6.4	6.9	92.2		0.48		30.75	20.66	21.35
26.0	0950	3.0			0.54	2.6		6.4	6.9	91.9		0.47		30.75	20.66	21.35
26.0	0950	4.0			0.56	2.6		6.4	6.9	91.8		0.49		30.75	20.64	21.36
26.0	0950	5.0			0.59	2.7		6.4	6.9	91.7		0.64		30.75	20.61	21.37
26.0	0950	6.0			0.63	2.9		6.4	6.9	91.8		0.92		30.75	20.60	21.37
26.0	0950	7.0			0.66	2.9		6.4	6.9	91.8		1.13		30.75	20.60	21.37
26.0	0950	8.0			0.68	3.0		6.4	6.9	92.0		1.21		30.75	20.60	21.37
26.0	0950	9.0			0.69	3.0		6.4	6.9	91.9		1.26		30.75	20.60	21.37
26.0	0950	10.0			0.70	3.0		6.4	6.9	92.1		1.55		30.75	20.59	21.37
25.0	1006	1.0			0.43	2.3		6.6	7.1	94.1		0.21	1.5	31.01	19.91	21.75
25.0	1006	2.0			0.43	2.3		6.6	7.1	93.9		0.22		31.01	19.91	21.75
25.0	1006	3.0			0.44	2.3		6.6	7.1	93.8		0.21		31.01	19.91	21.75
25.0	1006	4.0			0.43	2.3		6.6	7.1	93.5		0.21		31.02	19.90	21.76
25.0	1006	5.0			0.41	2.2		6.5	7.1	93.3		0.21		31.05	19.85	21.80
25.0	1006	6.0			0.40	2.2		6.6	7.1	93.4		0.22		31.07	19.81	21.82
25.0	1006	7.0			0.41	2.2		6.6	7.1	93.3		0.24		31.08	19.80	21.83
25.0	1006	8.0			0.41	2.2		6.6	7.1	93.5		0.25		31.08	19.79	21.83
24.0	1021	1.0			0.37	2.1		6.7	7.2	94.0		0.32	1.9	31.42	18.78	22.34
24.0	1021	2.0	1.6	0.50	0.37	2.1	7.2	6.7	7.3	94.1	28.4	0.31		31.42	18.78	22.34
24.0	1021	3.0			0.36	2.1		6.7	7.2	93.9		0.31		31.42	18.78	22.34
24.0	1021	4.0			0.36	2.1		6.7	7.3	94.1		0.32		31.42	18.79	22.34
24.0	1021	5.0			0.38	2.1		6.7	7.2	94.0		0.31		31.42	18.79	22.34

South San Francisco Bay

28 JULY 1994

94209

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
24.0	1021	6.0			0.38	2.1		6.7	7.2	94.1	0.32	24.5		31.42	18.79	22.34
24.0	1021	7.0			0.38	2.1		6.7	7.3	94.1	0.32	24.5		31.42	18.79	22.34
24.0	1021	8.0			0.38	2.1		6.7	7.2	94.0	0.33	24.7		31.42	18.79	22.34
24.0	1021	9.0			0.38	2.1		6.7	7.2	94.0	0.34	25.5		31.42	18.79	22.34
24.0	1021	10.0	0.7	0.23	0.38	2.1		6.7	7.2	94.1	0.35	26.1		31.42	18.79	22.34
23.0	1036	1.0			0.41	2.2		6.6	7.1	92.8	0.28	22.2	1.9	31.26	19.11	22.14
23.0	1036	2.0			0.41	2.2		6.6	7.1	92.6	0.28	21.6		31.27	19.10	22.15
23.0	1036	3.0			0.40	2.2		6.6	7.1	92.7	0.30	23.0		31.28	19.08	22.16
23.0	1036	4.0			0.40	2.2		6.6	7.1	92.6	0.29	22.5		31.28	19.09	22.16
23.0	1036	5.0			0.41	2.2		6.6	7.1	92.6	0.31	23.6		31.28	19.08	22.16
23.0	1036	6.0			0.41	2.2		6.6	7.1	92.6	0.30	22.9		31.28	19.08	22.16
23.0	1036	7.0			0.42	2.2		6.6	7.1	92.6	0.30	22.9		31.28	19.08	22.16
23.0	1036	8.0			0.43	2.3		6.6	7.1	92.6	0.34	25.7		31.28	19.08	22.16
23.0	1036	9.0			0.43	2.3		6.6	7.1	92.7	0.35	26.0		31.28	19.09	22.16
23.0	1036	10.0			0.43	2.3		6.6	7.1	92.6	0.35	26.4		31.28	19.09	22.16
23.0	1036	11.0			0.44	2.3		6.6	7.1	92.3	0.40	29.2		31.29	19.08	22.17
23.0	1036	12.0			0.44	2.3		6.5	7.1	92.1	0.41	30.0		31.30	19.06	22.18
23.0	1036	13.0			0.44	2.3		6.5	7.1	91.9	0.45	32.0		31.32	19.02	22.20
23.0	1036	14.0			0.45	2.3		6.5	7.1	91.9	0.47	33.6		31.34	18.96	22.24
23.0	1036	15.0			0.45	2.3		6.6	7.1	92.3	0.48	33.7		31.36	18.89	22.27
22.0	1052	1.0			0.44	2.3		6.8	7.3	94.4	0.18	16.1	1.4	31.51	18.37	22.51
22.0	1052	2.0			0.44	2.3		6.7	7.3	94.2	0.17	14.9		31.51	18.38	22.51
22.0	1052	3.0			0.45	2.3		6.7	7.3	93.9	0.16	14.8		31.51	18.38	22.51
22.0	1052	4.0			0.44	2.3		6.7	7.3	93.8	0.17	15.1		31.51	18.38	22.51
22.0	1052	5.0			0.43	2.3		6.7	7.3	93.6	0.18	15.9		31.52	18.36	22.52
22.0	1052	6.0			0.42	2.2		6.7	7.3	93.6	0.20	16.8		31.52	18.33	22.53
22.0	1052	7.0			0.42	2.3		6.7	7.3	93.6	0.22	18.0		31.53	18.32	22.54
22.0	1052	8.0			0.44	2.3		6.7	7.3	93.6	0.22	18.6		31.53	18.30	22.55
22.0	1052	9.0			0.45	2.3		6.7	7.3	93.8	0.23	19.0		31.54	18.28	22.55
22.0	1052	10.0			0.46	2.4		6.7	7.3	93.8	0.24	19.5		31.54	18.27	22.56
22.0	1052	11.0			0.47	2.4		6.7	7.3	94.0	0.25	20.1		31.55	18.25	22.57

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CALC	OXYG	OXYG	% OXY	DISCR	OBS	CALC	EXCOF	SALIN	TEMP	SIGT
			CHL a			CHL a	OXYG	OXYG			SAT	SPM		SPM				
22.0	1052	12.0			0.48	2.4		6.8	7.3	94.0			0.25	20.4		31.55	18.24	22.57
22.0	1052	13.0			0.47	2.4		6.7	7.3	94.0			0.26	20.7		31.55	18.23	22.58
22.0	1052	14.0			0.46	2.4		6.7	7.3	94.0			0.26	20.8		31.55	18.21	22.58
22.0	1052	15.0			0.47	2.4		6.8	7.3	94.0			0.26	20.8		31.56	18.18	22.59
22.0	1052	16.0			0.48	2.4		6.8	7.3	94.2			0.26	20.4		31.57	18.14	22.61
22.0	1052	17.0			0.47	2.4		6.8	7.3	94.2			0.25	20.4		31.58	18.11	22.63
22.0	1052	18.0			0.48	2.4		6.8	7.4	94.4			0.27	21.0		31.58	18.08	22.64
21.0	1106	1.0			0.63	2.8		6.8	7.3	95.5			0.19	16.3	1.5	31.39	19.08	22.25
21.0	1106	2.0	3.7	0.82	0.63	2.8	7.3	6.7	7.3	95.3		15.8	0.18	16.1		31.39	19.08	22.25
21.0	1106	3.0			0.61	2.8		6.7	7.3	95.2			0.18	16.1		31.39	19.08	22.25
21.0	1106	4.0			0.58	2.7		6.7	7.2	94.2			0.18	15.9		31.40	19.06	22.26
21.0	1106	5.0			0.54	2.6		6.6	7.2	93.6			0.18	15.8		31.41	18.97	22.29
21.0	1106	6.0			0.53	2.5		6.6	7.1	92.9			0.19	16.2		31.42	18.91	22.31
21.0	1106	7.0			0.53	2.6		6.5	7.0	91.5			0.21	17.6		31.44	18.80	22.35
21.0	1106	8.0			0.52	2.5		6.6	7.1	92.3			0.24	19.3		31.49	18.55	22.45
21.0	1106	9.0			0.49	2.4		6.7	7.2	93.2			0.24	19.4		31.51	18.42	22.50
21.0	1106	10.0			0.49	2.4		6.7	7.2	93.3			0.23	18.7		31.51	18.40	22.51
21.0	1106	11.0			0.49	2.4		6.7	7.3	93.6			0.22	18.4		31.52	18.36	22.52
21.0	1106	12.0			0.49	2.4		6.7	7.3	93.7			0.23	19.0		31.52	18.34	22.53
21.0	1106	13.0			0.50	2.5		6.7	7.3	93.9			0.24	19.2		31.53	18.32	22.54
21.0	1106	14.0			0.51	2.5		6.7	7.3	93.8			0.24	19.6		31.54	18.28	22.56
21.0	1106	15.0			0.52	2.5		6.8	7.3	94.2			0.25	19.9		31.55	18.24	22.58
21.0	1106	16.0			0.52	2.5		6.8	7.3	94.3			0.26	20.7		31.57	18.20	22.60
21.0	1106	17.0	4.2	0.94	0.52	2.5		6.8	7.4	94.8			0.27	21.1		31.58	18.16	22.61
.....																		
										n	r ²	Slope	Inter.	Std. Err.				
Fluorometer Calibration:										12	0.383	2.872	1.033	1.190				
OBS Calibration:										6	0.933	60.206	5.015	5.366				
Dissolved Oxygen Calibration:										4	0.997	1.236	-1.029	0.033				

North San Francisco Bay

JULY 28 1994

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STN	TIME	DEPTH	DISCR		CHL a/	FLUOR	CALC		DISCR		OXYG	OXYG	SAT	% OXY		DISCR		OBS	CALC	EXCOF	SALIN	TEMP	SIGT
			CHL a	CHL a			CHL a	OXYG	OXYG	SAT				SPM	SPM								
657.0	1819	1.0			0.36	1.5										0.28	19.6	2.0	0.08	22.41	0.00		
	1819	2.0			0.36	1.5	8.3									0.30	20.1		0.08	22.41	0.00		
	1819	3.0			0.36	1.5										0.30	20.2		0.08	22.41	0.00		
	1819	4.0			0.37	1.5										0.29	19.9		0.08	22.41	0.00		
	1819	5.0			0.38	1.7										0.32	20.8		0.08	22.42	0.00		
	1819	6.0			0.39	1.8										0.32	21.0		0.08	22.42	0.00		
	1819	7.0			0.39	1.7										0.32	21.0		0.08	22.42	0.00		
	1819	8.0			0.39	1.7										0.34	21.8		0.08	22.42	0.00		
	1819	9.0			0.39	1.8										0.35	21.9		0.08	22.42	0.00		
	1819	10.0			0.40	1.8										0.35	22.2		0.08	22.43	0.00		
	1819	11.0			0.40	1.8										0.37	22.9		0.08	22.42	0.00		
653.0	1752	1.0			0.48	2.6										0.46	26.2	2.7	0.25	21.43	0.00		
	1752	2.0			0.48	2.6										0.44	25.3		0.25	21.43	0.00		
	1752	3.0			0.49	2.6										0.43	25.0		0.25	21.43	0.00		
	1752	4.0			0.49	2.6										0.42	24.8		0.25	21.44	0.00		
	1752	5.0			0.50	2.7										0.43	25.0		0.25	21.44	0.00		
	1752	6.0			0.51	2.8										0.45	25.7		0.25	21.44	0.00		
	1752	7.0			0.52	2.9										0.45	25.7		0.25	21.44	0.00		
	1752	8.0			0.52	2.9										0.46	26.2		0.25	21.43	0.00		
	1752	9.0			0.52	2.9										0.50	27.5		0.25	21.43	0.00		
	1752	10.0			0.53	2.9										0.53	28.7		0.25	21.43	0.00		
	1752	11.0			0.53	2.9										0.61	31.9		0.25	21.42	0.00		
649.0	1726	1.0			0.42	2.0					8.2	8.7	98.5			0.68	34.4	3.5	1.65	20.70	0.00		
	1726	2.0			0.42	2.0	8.7			8.2	8.7	98.5	35.0			0.66	33.7		1.65	20.70	0.00		
	1726	3.0			0.42	2.0				8.2	8.7	98.4				0.65	33.5		1.65	20.70	0.00		
	1726	4.0			0.43	2.1				8.2	8.7	98.1				0.64	32.9		1.65	20.71	0.00		
	1726	5.0			0.43	2.1				8.2	8.7	98.2				0.65	33.2		1.69	20.65	0.00		
	1726	6.0			0.43	2.1				8.2	8.7	98.2				0.63	32.5		1.69	20.65	0.00		
	1726	7.0			0.43	2.1				8.2	8.7	98.2				0.63	32.5		1.72	20.63	0.00		
	1726	8.0			0.43	2.1				8.2	8.7	98.3				0.63	32.5		1.74	20.63	0.00		
	1726	9.0			0.43	2.1				8.2	8.7	98.4				0.62	32.3		1.74	20.63	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
649.0	1726	10.0			0.44	2.1		8.2	8.7	98.2	0.64	32.9		1.73	20.62	0.00
649.0	1726	11.0			0.44	2.1		8.2	8.7	98.5	1.34	59.1		1.73	20.62	0.00
2.0	1704	1.0			0.37	1.6		8.1	8.6	98.6	0.49	27.2	3.3	2.73	21.06	0.05
2.0	1704	2.0			0.38	1.6		8.1	8.6	98.6	0.53	28.7		2.77	21.06	0.08
2.0	1704	3.0			0.38	1.7		8.1	8.6	98.4	0.62	32.0		2.78	21.06	0.09
2.0	1704	4.0			0.40	1.8		8.1	8.6	98.4	0.68	34.4		2.83	21.05	0.13
2.0	1704	5.0			0.41	1.9		8.1	8.6	98.3	0.81	39.3		2.88	21.03	0.17
2.0	1704	6.0			0.43	2.0		8.1	8.6	98.3	0.96	44.8		2.91	21.03	0.20
2.0	1704	7.0			0.44	2.1		8.1	8.6	98.5	1.03	47.5		2.92	21.02	0.21
2.0	1704	8.0			0.44	2.2		8.1	8.6	98.6	1.11	50.3		2.93	21.03	0.22
2.0	1704	9.0			0.45	2.3		8.1	8.6	98.5	1.17	52.7		2.94	21.05	0.22
2.0	1704	10.0			0.45	2.3		8.1	8.6	98.5	1.20	53.8		2.94	21.05	0.22
2.0	1704	11.0			0.45	2.3		8.1	8.6	98.7	1.53	66.3		2.94	21.05	0.22
3.0	1650	1.0			0.35	1.4		8.1	8.6	98.5	0.39	23.7	2.5	3.07	20.99	0.33
3.0	1650	2.0			0.35	1.4	8.6	8.1	8.6	98.5	0.38	23.3		3.07	21.00	0.33
3.0	1650	3.0			0.35	1.4		8.0	8.5	97.6	0.38	23.0		3.08	20.99	0.33
3.0	1650	4.0			0.35	1.4		8.0	8.5	97.8	0.38	23.1		3.19	20.88	0.45
3.0	1650	5.0			0.36	1.5		8.0	8.6	97.9	0.41	24.5		3.43	20.87	0.63
3.0	1650	6.0			0.39	1.7		8.0	8.6	98.1	0.56	30.1		3.57	20.88	0.73
3.0	1650	7.0			0.41	1.9		8.0	8.6	98.0	0.82	39.5		3.60	20.87	0.76
3.0	1650	8.0			0.42	2.0		8.0	8.6	98.2	0.98	45.6		3.61	20.87	0.76
3.0	1650	9.0			0.42	2.0		8.0	8.6	98.2	1.01	46.7		3.61	20.87	0.76
3.0	1650	10.0			0.42	2.0		8.0	8.5	98.0	1.07	49.1		3.61	20.87	0.76
4.0	1631	1.0			0.35	1.4		8.0	8.5	98.1	0.43	25.1	2.7	4.35	21.05	1.29
4.0	1631	2.0			0.35	1.4		8.0	8.5	98.1	0.41	24.5		4.35	21.05	1.29
4.0	1631	3.0			0.35	1.4		8.0	8.5	98.1	0.42	24.6		4.36	21.05	1.29
4.0	1631	4.0			0.35	1.4		7.9	8.5	97.8	0.42	24.7		4.36	21.04	1.29
4.0	1631	5.0			0.37	1.5		7.9	8.5	97.8	0.43	25.0		4.39	20.96	1.33
4.0	1631	6.0			0.37	1.5		7.9	8.5	97.7	0.45	25.7		4.40	20.94	1.35
4.0	1631	7.0			0.36	1.5		7.9	8.4	97.0	0.46	26.3		4.41	20.90	1.37

North San Francisco Bay

JULY 28 1994

94209

STN	TIME	DEPTH	DISCR		FLUOR	CALC		DISCR	CALC		% OXY		DISCR	CALC		EXCOF	SALIN	TEMP	SIGT
			CHL a	CHL a/		CHL a	OXYG	OXYG	CHL a	OXYG	SAT	SAT	SPM	SPM	OBS				
4.0	1631	8.0			0.37	1.5	7.9	8.4	7.9	8.4	97.1	97.1	0.52	28.3	0.52		4.51	20.76	1.47
4.0	1631	9.0			0.39	1.7	7.9	8.5	7.9	8.5	97.3	97.3	0.70	35.0	0.70		4.70	20.68	1.63
4.0	1631	10.0			0.41	1.9	7.9	8.5	7.9	8.5	97.5	97.5	0.93	43.9	0.93		4.77	20.68	1.68
4.0	1631	11.0			0.42	2.0	8.0	8.5	8.0	8.5	97.9	97.9	1.09	49.8	1.09		4.73	20.66	1.66
4.0	1631	12.0			0.43	2.1	8.0	8.5	8.0	8.5	98.0	98.0	1.18	53.2	1.18		4.85	20.71	1.74
4.0	1631	13.0			0.43	2.1	8.0	8.5	8.0	8.5	98.1	98.1	1.33	58.7	1.33		4.90	20.73	1.77
4.0	1631	14.0			0.43	2.1	8.0	8.5	8.0	8.5	98.1	98.1	1.37	60.4	1.37		4.91	20.74	1.78
4.0	1631	15.0			0.44	2.2	8.0	8.5	8.0	8.5	98.1	98.1	1.39	61.1	1.39		4.92	20.74	1.78
4.0	1631	16.0			0.44	2.2	8.0	8.5	8.0	8.5	98.1	98.1	1.40	61.3	1.40		4.91	20.75	1.78
5.0	1615	1.0			0.35	1.4	7.9	8.4	7.9	8.4	97.9	97.9	0.43	24.9	0.43	2.5	5.43	20.91	2.13
5.0	1615	2.0			0.35	1.4	7.9	8.4	7.9	8.4	97.9	97.9	0.43	25.1	0.43		5.43	20.88	2.14
5.0	1615	3.0			0.35	1.4	7.9	8.4	7.9	8.4	97.4	97.4	0.43	25.2	0.43		5.44	20.83	2.16
5.0	1615	4.0			0.35	1.4	7.8	8.4	7.8	8.4	96.9	96.9	0.45	25.9	0.45		5.55	20.76	2.26
5.0	1615	5.0			0.36	1.5	7.8	8.4	7.8	8.4	97.1	97.1	0.51	28.0	0.51		5.94	20.62	2.59
5.0	1615	6.0			0.38	1.6	7.8	8.4	7.8	8.4	96.9	96.9	0.55	29.5	0.55		6.40	20.57	2.94
5.0	1615	7.0			0.43	2.1	7.8	8.4	7.8	8.4	97.0	97.0	0.66	33.5	0.66		6.97	20.48	3.40
5.0	1615	8.0			0.49	2.6	7.8	8.4	7.8	8.4	97.3	97.3	1.37	60.4	1.37		7.33	20.45	3.67
5.0	1615	9.0			0.52	2.9	7.8	8.4	7.8	8.4	97.6	97.6	1.95	82.0	1.95		7.37	20.46	3.70
5.0	1615	10.0			0.55	3.1	7.9	8.4	7.9	8.4	97.8	97.8	2.16	90.0	2.16		7.42	20.48	3.73
5.0	1615	11.0			0.55	3.2	7.8	8.4	7.8	8.4	97.7	97.7	2.43	100.0	2.43		7.45	20.49	3.76
5.0	1615	12.0			0.55	3.1	7.9	8.4	7.9	8.4	97.8	97.8	2.54	104.1	2.54		7.49	20.50	3.78
5.0		1.0			0.35	1.4	7.9	8.4	7.9	8.4	97.9	97.9	0.43	24.9	0.43	2.5	5.43	20.91	2.13
5.0		2.0			0.35	1.4	7.9	8.4	7.9	8.4	97.9	97.9	0.43	25.1	0.43		5.43	20.88	2.14
5.0		3.0			0.35	1.4	7.9	8.4	7.9	8.4	97.4	97.4	0.43	25.2	0.43		5.44	20.83	2.16
5.0		4.0			0.35	1.4	7.8	8.4	7.8	8.4	96.9	96.9	0.45	25.9	0.45		5.55	20.76	2.26
5.0		5.0			0.36	1.5	7.8	8.4	7.8	8.4	97.1	97.1	0.51	28.0	0.51		5.94	20.62	2.59
5.0		6.0			0.38	1.6	7.8	8.4	7.8	8.4	96.9	96.9	0.55	29.5	0.55		6.40	20.57	2.94
5.0		7.0			0.43	2.1	7.8	8.4	7.8	8.4	97.0	97.0	0.66	33.5	0.66		6.97	20.48	3.40
5.0		8.0			0.49	2.6	7.8	8.4	7.8	8.4	97.3	97.3	1.37	60.4	1.37		7.33	20.45	3.67
5.0		9.0			0.52	2.9	7.8	8.4	7.8	8.4	97.6	97.6	1.95	82.0	1.95		7.37	20.46	3.70
5.0		10.0			0.55	3.1	7.9	8.4	7.9	8.4	97.8	97.8	2.16	90.0	2.16		7.42	20.48	3.73

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	CALC OXYG	CALC % OXY	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
5.0		11.0			0.55	3.2		7.8	8.4	97.7	2.43	100.0		7.45	20.49	3.76
5.0		12.0			0.55	3.1		7.9	8.4	97.8	2.54	104.1		7.49	20.50	3.78
6.0	1555	1.0			0.37	1.6		7.8	8.4	98.5	0.37	22.6	2.4	7.68	21.10	3.79
6.0	1555	2.0			0.37	1.5	8.4	7.9	8.4	98.6	27.6	22.2		7.75	20.85	3.90
6.0	1555	3.0			0.37	1.5		8.1	8.6	101.1	0.35	22.0		7.85	20.72	4.01
6.0	1555	4.0			0.37	1.6		8.0	8.5	100.4	0.38	23.1		8.04	21.02	4.08
6.0	1555	5.0			0.36	1.5		7.9	8.4	99.3	0.38	23.2		8.29	21.03	4.26
6.0	1555	6.0			0.35	1.4		7.7	8.2	97.2	0.38	23.1		8.41	20.87	4.39
6.0	1555	7.0			0.35	1.4		7.8	8.3	97.6	0.38	23.1		8.65	20.48	4.66
6.0	1555	8.0			0.37	1.5		7.8	8.3	97.8	0.38	23.1		9.06	20.37	4.99
6.0	1555	9.0			0.42	2.0		7.8	8.3	97.4	0.56	29.8		9.23	20.31	5.14
6.0	1555	10.0			0.52	2.8		7.8	8.3	97.9	1.19	53.4		9.81	20.16	5.61
6.0	1555	11.0			0.59	3.5		7.8	8.4	98.2	2.57	105.2		9.88	20.13	5.68
6.0	1555	12.0			0.57	3.3		7.9	8.4	98.6	3.09	124.8		9.88	20.14	5.67
7.0	1535	1.0			0.38	1.6		7.5	8.1	96.3	0.31	20.4	2.0	11.57	20.54	6.85
7.0	1535	2.0			0.38	1.7		7.5	8.1	96.5	0.35	22.1		12.26	20.14	7.47
7.0	1535	3.0			0.38	1.7		7.5	8.1	96.3	0.37	22.6		12.50	20.02	7.68
7.0	1535	4.0			0.38	1.6		7.5	8.1	96.3	0.37	22.9		12.87	19.89	7.99
7.0	1535	5.0			0.38	1.6		7.6	8.2	96.8	0.45	25.8		13.31	19.76	8.35
7.0	1535	6.0			0.38	1.7		7.6	8.2	97.1	0.57	30.4		13.62	19.72	8.60
7.0	1535	7.0			0.40	1.8		7.6	8.2	97.3	0.76	37.5		14.08	19.70	8.95
7.0	1535	8.0			0.43	2.1		7.6	8.1	97.3	1.17	52.9		14.54	19.71	9.30
7.0	1535	9.0			0.46	2.4		7.6	8.1	97.3	1.30	57.8		14.64	19.71	9.37
7.0	1535	10.0			0.50	2.7		7.6	8.1	97.3	1.39	61.1		14.72	19.72	9.43
7.0	1535	11.0			0.52	2.8		7.6	8.1	97.4	1.84	77.7		14.81	19.72	9.50
7.0	1535	12.0			0.52	2.8		7.6	8.1	97.4	1.93	81.4		14.81	19.72	9.49
7.0	1535	13.0			0.51	2.8		7.6	8.1	97.5	1.96	82.4		14.80	19.72	9.49
7.0	1535	14.0			0.52	2.8		7.6	8.1	97.4	1.89	79.9		14.79	19.72	9.48
7.0	1535	15.0			0.52	2.9		7.5	8.1	97.2	2.03	85.0		14.77	19.72	9.47

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STN	TIME	DEPTH	DISCR	CHL a	FLUOR	CALC	DISCR	CHL a	OXYG	CALC	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
			CHL a	a+PHA			OXYG	OXYG			SAT	SPM						
8.0	1509	1.0			0.41	1.9		7.4	8.0	8.0	96.5		0.25	18.1	1.5	12.97	20.90	7.84
8.0	1509	2.0			0.40	1.8		7.5	8.1	8.1	97.0		0.25	18.1		13.40	20.25	8.31
8.0	1509	3.0			0.37	1.6		7.6	8.1	8.1	97.3		0.26	18.8		13.71	20.04	8.59
8.0	1509	4.0			0.35	1.4		7.5	8.1	8.1	96.8		0.29	19.9		13.94	19.96	8.78
8.0	1509	5.0			0.35	1.3		7.5	8.1	8.1	96.7		0.31	20.7		14.30	19.83	9.09
8.0	1509	6.0			0.34	1.3		7.5	8.1	8.1	96.7		0.34	21.7		14.89	19.71	9.56
8.0	1509	7.0			0.35	1.3		7.5	8.1	8.1	97.2		0.36	22.3		15.75	19.63	10.23
8.0	1509	8.0			0.37	1.5		7.5	8.1	8.1	97.8		0.41	24.2		15.98	19.65	10.40
8.0	1509	9.0			0.41	1.9		7.5	8.1	8.1	97.7		0.50	27.6		16.09	19.73	10.47
8.0	1509	10.0			0.46	2.3		7.4	8.0	8.0	97.3		0.65	33.2		17.09	19.75	11.22
8.0	1509	11.0			0.48	2.5		7.4	8.0	8.0	97.4		1.02	47.0		18.25	19.71	12.10
8.0	1509	12.0			0.48	2.5		7.4	8.0	8.0	97.4		1.32	58.2		18.55	19.70	12.33
8.0	1509	13.0			0.50	2.7		7.4	8.0	8.0	97.5		1.52	66.0		18.71	19.70	12.46
8.0	1509	14.0			0.51	2.8		7.4	7.9	7.9	97.3		1.62	69.8		18.75	19.70	12.48
8.0	1509	15.0			0.51	2.8		7.4	8.0	8.0	97.5		1.77	75.2		18.80	19.70	12.52
9.0	1450	1.0			0.37	1.6		7.6	8.2	8.2	97.6		0.28	19.3	2.2	14.60	19.75	9.33
9.0	1450	2.0	2.0	0.84	0.38	1.6	8.2	7.6	8.2	8.2	97.8	16.0	0.41	24.1		14.85	19.73	9.53
9.0	1450	3.0			0.38	1.7		7.6	8.2	8.2	97.9		0.44	25.5		14.94	19.75	9.58
9.0	1450	4.0			0.39	1.7		7.6	8.2	8.2	98.3		0.45	25.8		14.98	19.77	9.61
9.0	1450	5.0			0.39	1.7		7.6	8.1	8.1	97.9		0.46	26.2		15.10	19.81	9.70
9.0	1450	6.0			0.39	1.7		7.5	8.1	8.1	97.5		0.51	28.1		16.16	19.75	10.51
9.0	1450	7.0			0.40	1.8		7.5	8.0	8.0	97.4		0.58	30.5		16.92	19.70	11.10
9.0	1450	8.0			0.41	1.9		7.4	8.0	8.0	97.6		0.65	33.2		17.58	19.67	11.61
9.0	1450	9.0			0.40	1.8		7.4	8.0	8.0	97.6		0.69	34.7		17.86	19.67	11.82
9.0	1450	10.0			0.41	1.9		7.4	8.0	8.0	97.7		0.70	35.2		18.05	19.68	11.96
9.0	1450	11.0			0.41	1.9		7.4	8.0	8.0	97.6		0.65	33.4		18.22	19.69	12.08
9.0	1450	12.0			0.40	1.8		7.4	8.0	8.0	97.6		0.69	34.9		18.35	19.69	12.18
9.0	1450	13.0			0.40	1.8		7.4	8.0	8.0	97.6		0.68	34.4		18.56	19.69	12.34
9.0	1450	14.0			0.39	1.8		7.4	8.0	8.0	97.6		0.69	34.9		18.61	19.69	12.39
9.0	1450	15.0			0.39	1.7		7.4	8.0	8.0	97.5		0.69	34.9		18.72	19.68	12.47
9.0	1450	16.0			0.39	1.8		7.4	8.0	8.0	97.4		0.70	35.3		18.89	19.67	12.60
9.0	1450	17.0			0.40	1.8		7.3	7.9	7.9	97.4		0.78	38.2		19.20	19.66	12.84

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	CALC OXYG	% OXY	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
9.0	1450	18.0			0.41	1.9	7.3	7.9	97.4		0.90	42.5		19.58	19.64	13.13
9.0	1450	19.0			0.43	2.1	7.3	7.9	97.5		1.09	49.9		19.75	19.64	13.26
9.0	1450	20.0			0.45	2.3	7.3	7.9	97.5		1.18	53.1		19.86	19.63	13.34
9.0	1450	21.0			0.47	2.4	7.3	7.9	97.4		1.31	58.0		20.10	19.63	13.52
9.0	1450	22.0			0.47	2.4	7.3	7.9	97.4		1.36	59.8		20.23	19.63	13.62
9.0	1450	23.0			0.47	2.4	7.3	7.9	97.5		1.46	63.7		20.24	19.63	13.63
9.0	1450	24.0			0.46	2.4	7.3	7.9	97.4		1.49	64.6		20.21	19.63	13.61
9.0	1450	25.0			0.46	2.4	7.3	7.9	97.5		1.54	66.6		20.31	19.63	13.69
9.0	1450	26.0			0.47	2.4	7.3	7.9	97.5		1.57	67.8		20.31	19.63	13.69
9.0	1450	27.0			0.47	2.5	7.3	7.9	97.5		1.61	69.4		20.35	19.63	13.71
9.0	1450	28.0			0.49	2.6	7.3	7.9	97.5		1.59	68.4		20.33	19.63	13.70
9.0	1450	29.0			0.50	2.7	7.3	7.9	97.6		1.63	70.1		20.32	19.63	13.69
9.0	1450	30.0			0.52	2.8	7.3	7.9	97.4		1.64	70.4		20.31	19.63	13.69
9.0	1450	31.0			0.52	2.8	7.3	7.9	97.6		1.72	73.3		20.32	19.63	13.69
9.0	1450	32.0			0.51	2.8	7.3	7.9	97.5		1.79	75.9		20.35	19.63	13.72
9.0	1450	33.0			0.49	2.6	7.3	7.9	97.5		1.82	77.1		20.35	19.63	13.71
9.0	1450	34.0	2.0	0.39	0.49	2.6	7.3	7.9	97.5		1.79	76.0		20.31	19.63	13.68
10.0	1438	1.0			0.39	1.7	7.4	8.0	96.8		0.27	18.9	1.9	15.36	20.03	9.84
10.0	1438	2.0			0.38	1.7	7.4	8.0	96.7		0.35	22.2		16.44	19.77	10.72
10.0	1438	3.0			0.38	1.6	7.4	8.0	97.1		0.44	25.4		16.66	19.69	10.90
10.0	1438	4.0			0.38	1.6	7.4	8.0	97.1		0.45	25.9		16.69	19.68	10.93
10.0	1438	5.0			0.39	1.7	7.4	8.0	97.3		0.52	28.3		17.00	19.66	11.17
10.0	1438	6.0			0.38	1.7	7.4	8.0	97.4		0.57	30.2		17.07	19.66	11.22
10.0	1438	7.0			0.39	1.7	7.4	8.0	97.4		0.58	30.7		17.21	19.66	11.33
10.0	1438	8.0			0.41	1.9	7.4	8.0	97.3		0.58	30.5		17.35	19.66	11.44
10.0	1438	9.0			0.40	1.8	7.4	8.0	97.3		0.58	30.6		17.74	19.65	11.73
10.0	1438	10.0			0.40	1.9	7.4	8.0	97.3		0.58	30.6		17.84	19.64	11.81
10.0	1438	11.0			0.41	1.9	7.4	8.0	97.3		0.58	30.7		17.90	19.64	11.86
10.0	1438	12.0			0.40	1.8	7.4	8.0	97.5		0.62	32.2		18.07	19.64	11.98
10.0	1438	13.0			0.40	1.8	7.4	8.0	97.4		0.67	34.0		18.27	19.64	12.14
10.0	1438	14.0			0.42	2.0	7.4	8.0	97.5		0.73	36.3		18.33	19.64	12.18
10.0	1438	15.0			0.42	2.0	7.4	8.0	97.5		0.75	37.0		18.45	19.64	12.27

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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
10.0	1438	16.0			0.40	1.9	7.4	8.0	97.4		0.76	37.5		18.68	19.63	12.45
10.0	1438	17.0			0.40	1.8	7.4	8.0	97.4		0.75	36.9		18.96	19.63	12.66
10.0	1438	18.0			0.42	2.0	7.3	7.9	97.5		0.77	37.8		19.64	19.62	13.18
10.0	1438	19.0			0.45	2.2	7.3	7.9	97.5		1.11	50.4		20.59	19.59	13.90
10.0	1438	20.0			0.46	2.4	7.3	7.9	97.7		1.37	60.1		20.73	19.59	14.02
10.0	1438	21.0			0.47	2.4	7.3	7.9	97.4		1.54	66.6		20.76	19.59	14.04
10.0	1438	22.0			0.47	2.4	7.3	7.9	97.8		1.63	70.1		20.76	19.59	14.04
11.0	1417	1.0			0.37	1.6	7.4	8.0	98.1		0.26	18.6	2.1	18.85	20.01	12.49
11.0	1417	2.0			0.36	1.5	7.3	7.9	97.0		0.25	18.3		18.95	19.88	12.60
11.0	1417	3.0			0.35	1.3	7.3	7.9	97.3		0.25	18.4		19.29	19.68	12.90
11.0	1417	4.0			0.34	1.3	7.3	7.9	97.3		0.32	21.1		19.40	19.67	12.98
11.0	1417	5.0			0.33	1.2	7.3	7.9	97.1		0.35	22.2		19.71	19.63	13.23
11.0	1417	6.0			0.33	1.2	7.3	7.9	97.1		0.36	22.5		20.31	19.60	13.69
11.0	1417	7.0			0.35	1.4	7.2	7.8	97.0		0.36	22.5		20.97	19.57	14.20
11.0	1417	8.0			0.36	1.5	7.2	7.9	97.7		0.38	23.1		21.85	19.53	14.88
11.0	1417	9.0			0.37	1.6	7.3	7.9	98.6		0.40	23.9		22.47	19.53	15.35
11.0	1417	10.0			0.42	2.0	7.3	7.9	98.8		0.44	25.5		22.73	19.63	15.52
11.0	1417	11.0			0.47	2.5	7.3	7.9	98.6		0.58	30.8		22.91	19.67	15.65
11.0	1417	12.0			0.50	2.7	7.3	7.9	98.7		1.19	53.5		22.92	19.66	15.66
11.0	1417	13.0			0.52	2.9	7.3	7.9	98.7		1.48	64.3		22.94	19.65	15.67
11.0	1417	14.0			0.51	2.8	7.3	7.9	98.7		1.63	69.8		22.93	19.65	15.66
11.0	1417	15.0			0.51	2.8	7.3	7.9	98.8		1.73	73.7		22.92	19.65	15.66
12.0	1400	1.0			0.34	1.3	7.3	7.9	98.4		0.25	18.3	2.1	20.89	19.81	14.09
12.0	1400	2.0			0.34	1.3	7.2	7.8	97.3		0.26	18.5		20.99	19.75	14.18
12.0	1400	3.0			0.33	1.2	7.1	7.8	96.4		0.26	18.5		21.45	19.61	14.55
12.0	1400	4.0			0.33	1.2	7.2	7.8	96.6		0.31	20.7		22.30	19.41	15.25
12.0	1400	5.0			0.32	1.1	7.2	7.8	96.8		0.35	22.1		22.82	19.37	15.65
12.0	1400	6.0			0.33	1.2	7.2	7.8	96.9		0.37	22.9		23.09	19.34	15.86
12.0	1400	7.0			0.34	1.3	7.1	7.7	96.5		0.38	23.2		23.21	19.31	15.96
12.0	1400	8.0			0.34	1.3	7.1	7.7	96.6		0.39	23.5		23.90	19.21	16.51
12.0	1400	9.0			0.38	1.6	7.1	7.7	96.8		0.61	31.9		24.65	19.10	17.11

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
12.0	1400	10.0			0.39	1.7		7.1	7.7	97.2	0.96	44.9		24.79	19.09	17.21
13.0	1318	1.0			0.36	1.5		7.3	7.9	99.1	0.32	20.9	2.5	26.19	18.89	18.33
13.0	1318	2.0	1.0	0.42	0.37	1.5	7.8	7.2	7.8	98.6	0.31	20.6		26.36	18.79	18.49
13.0	1318	3.0			0.36	1.4		7.2	7.8	98.8	0.36	22.4		26.76	18.66	18.82
13.0	1318	4.0			0.35	1.4		7.2	7.8	98.8	0.35	22.0		26.85	18.66	18.89
13.0	1318	5.0			0.35	1.4		7.2	7.8	98.8	0.35	22.2		26.95	18.62	18.98
13.0	1318	6.0			0.35	1.4		7.2	7.8	98.8	0.35	22.2		26.99	18.61	19.01
13.0	1318	7.0			0.35	1.4		7.2	7.8	98.7	0.35	22.1		27.04	18.59	19.05
13.0	1318	8.0			0.35	1.4		7.1	7.7	97.4	0.35	22.1		27.07	18.58	19.08
13.0	1318	9.0			0.37	1.6		7.2	7.8	97.7	0.39	23.6		27.48	18.37	19.43
13.0	1318	10.0	1.4		0.38	1.6		7.2	7.8	98.4	0.56	30.1		27.75	18.21	19.68
14.0	1301	1.0			0.40	1.8		7.4	8.0	100.3	0.29	20.0	2.2	25.55	19.03	17.81
14.0	1301	2.0			0.41	1.9		7.3	7.9	98.9	0.29	19.6		25.59	19.02	17.84
14.0	1301	3.0			0.39	1.7		7.1	7.7	97.5	0.26	18.6		26.26	18.82	18.40
14.0	1301	4.0			0.35	1.4		7.1	7.7	97.7	0.20	16.3		27.52	18.54	19.43
14.0	1301	5.0			0.33	1.2		7.1	7.7	97.6	0.24	17.9		27.68	18.52	19.55
14.0	1301	6.0			0.32	1.1		7.1	7.7	97.7	0.28	19.6		27.75	18.50	19.61
14.0	1301	7.0			0.32	1.1		7.1	7.7	97.5	0.32	21.0		27.81	18.50	19.66
14.0	1301	8.0			0.32	1.1		7.1	7.7	97.3	0.32	20.8		27.91	18.48	19.74
14.0	1301	9.0			0.34	1.2		7.1	7.7	97.3	0.35	22.0		28.05	18.47	19.85
14.0	1301	10.0			0.34	1.3		7.1	7.7	97.1	0.37	22.7		28.11	18.46	19.89
14.0	1301	11.0			0.34	1.3		7.1	7.7	97.1	0.38	23.0		28.18	18.45	19.95
14.0	1301	12.0			0.35	1.4		7.0	7.7	96.9	0.39	23.4		28.29	18.44	20.04
14.0	1301	13.0			0.36	1.4		7.0	7.7	97.0	0.58	30.7		28.36	18.43	20.10
15.0	1242	1.0			0.41	1.9		7.3	7.9	99.4	0.32	21.0	2.4	25.73	19.18	17.91
15.0	1242	2.0	2.1	0.81	0.41	1.9	7.8	7.3	7.9	99.4	0.32	20.8		25.73	19.17	17.91
15.0	1242	3.0			0.42	2.0		7.3	7.9	99.4	0.31	20.7		25.73	19.16	17.92
15.0	1242	4.0			0.43	2.0		7.3	7.9	99.5	0.32	20.8		25.74	19.18	17.92
15.0	1242	5.0			0.42	2.0		7.0	7.7	97.2	0.32	20.8		26.05	19.25	18.14
15.0	1242	6.0			0.40	1.8		6.9	7.6	96.1	0.33	21.3		26.85	19.01	18.81

North San Francisco Bay

JULY 28 1994

94209

STN	TIME	DEPTH	DISC CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISC OXYG	CALC OXYG	% OXY SAT	DISC SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
15.0	1242	7.0			0.38	1.6		6.9	7.6	95.7	0.34	21.7		27.08	18.81	19.03
15.0	1242	8.0			0.36	1.5		7.0	7.6	96.1	0.33	21.2		27.29	18.59	19.24
15.0	1242	9.0			0.36	1.5		7.0	7.7	96.6	0.34	21.7		27.65	18.47	19.54
15.0	1242	10.0			0.37	1.6		7.0	7.7	96.8	0.36	22.5		27.97	18.41	19.80
15.0	1242	11.0			0.37	1.6		7.0	7.7	96.8	0.38	23.3		28.28	18.38	20.05
15.0	1242	12.0			0.37	1.6		7.0	7.7	96.8	0.39	23.6		28.52	18.35	20.24
15.0	1242	13.0			0.37	1.6		7.0	7.7	96.9	0.38	23.2		28.72	18.32	20.39
15.0	1242	14.0			0.37	1.6		7.0	7.7	97.0	0.38	23.1		28.82	18.31	20.47
15.0	1242	15.0	2.0	0.72	0.37	1.5		7.0	7.7	97.1	0.37	22.6		28.88	18.31	20.51
16.0	1217	1.0			0.44	2.2		7.1	7.7	98.2	0.21	16.8	1.4	26.99	19.30	18.84
16.0	1217	2.0			0.45	2.3		6.8	7.5	95.2	0.20	16.3		27.25	19.04	19.10
16.0	1217	3.0			0.42	2.0		6.9	7.5	95.3	0.17	15.3		28.05	18.50	19.84
16.0	1217	4.0			0.39	1.8		6.9	7.5	95.4	0.18	15.6		28.64	18.35	20.33
16.0	1217	5.0			0.38	1.7		6.9	7.5	95.3	0.21	16.7		28.95	18.29	20.58
16.0	1217	6.0			0.38	1.6		6.9	7.6	95.7	0.24	17.8		29.27	18.20	20.84
16.0	1217	7.0			0.38	1.7		6.9	7.6	95.8	0.26	18.8		29.38	18.18	20.93
16.0	1217	8.0			0.40	1.8		6.9	7.6	95.9	0.29	19.7		29.43	18.17	20.97
16.0	1217	9.0			0.40	1.9		6.9	7.6	95.8	0.30	20.2		29.50	18.16	21.03
16.0	1217	10.0			0.41	1.9		6.9	7.5	95.5	0.34	21.7		29.57	18.15	21.08
16.0	1217	11.0			0.42	2.0		6.8	7.5	94.8	0.37	22.7		29.67	18.11	21.17
16.0	1217	12.0			0.42	2.0		6.9	7.6	95.8	0.38	23.1		29.99	17.95	21.45
18.0	1141	1.0			0.61	3.6		7.3	7.9	98.8	0.09	12.1	1.1	31.62	16.75	22.98
18.0	1141	2.0	3.9	0.77	0.59	3.5	7.9	7.3	7.9	98.8	0.09	12.3		31.63	16.75	22.99
18.0	1141	3.0			0.59	3.5		7.3	7.9	98.8	0.09	12.4		31.64	16.74	23.00
18.0	1141	4.0			0.59	3.5		7.3	7.9	98.4	0.09	12.4		31.65	16.73	23.01
18.0	1141	5.0			0.58	3.4		7.3	7.9	98.4	0.09	12.4		31.73	16.67	23.08
18.0	1141	6.0			0.57	3.3		7.3	7.9	98.3	0.10	12.6		31.77	16.66	23.12
18.0	1141	7.0			0.56	3.3		7.3	7.9	98.5	0.11	13.2		31.79	16.66	23.13
18.0	1141	8.0			0.58	3.4		7.3	7.9	98.5	0.13	13.8		31.80	16.66	23.14
18.0	1141	9.0			0.58	3.4		7.3	7.9	98.5	0.13	13.9		31.81	16.67	23.14
18.0	1141	10.0			0.57	3.3		7.3	7.9	98.6	0.13	13.9		31.85	16.67	23.17

STN	TIME	DEPTH	DISCR	CHL a/	FLUOR	CALC	DISCR	CHL a	OXYG	CALC	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
			CHL a	a+PHA			OXYG		OXYG		SAT	SPM						
18.0	1141	11.0			0.57	3.3	7.3	7.9	98.5				0.14	14.1		31.84	16.67	23.17
18.0	1141	12.0			0.57	3.3	7.3	7.9	98.8				0.13	13.8		31.86	16.67	23.19
18.0	1141	13.0			0.57	3.4	7.3	7.9	98.7				0.12	13.5		31.84	16.67	23.17
18.0	1141	14.0			0.58	3.4	7.3	7.9	98.8				0.13	13.7		31.84	16.67	23.17
18.0	1141	15.0			0.58	3.4	7.3	7.9	98.7				0.13	13.7		31.84	16.68	23.17
18.0	1141	16.0			0.58	3.4	7.3	7.9	98.7				0.13	13.7		31.85	16.68	23.17
18.0	1141	17.0			0.59	3.5	7.3	7.9	98.8				0.12	13.5		31.87	16.67	23.19
18.0	1141	18.0			0.61	3.7	7.3	7.9	98.9				0.12	13.4		31.89	16.66	23.21
18.0	1141	19.0			0.62	3.8	7.3	7.9	98.8				0.12	13.4		31.89	16.66	23.21
18.0	1141	20.0			0.62	3.7	7.3	7.9	98.9				0.12	13.3		31.88	16.66	23.20
18.0	1141	21.0			0.61	3.7	7.3	7.9	98.8				0.12	13.3		31.89	16.66	23.21
18.0	1141	22.0			0.61	3.7	7.3	7.9	99.0				0.11	13.2		31.92	16.63	23.24
18.0	1141	23.0			0.62	3.7	7.3	7.9	99.0				0.11	13.0		31.92	16.63	23.24
18.0	1141	24.0			0.61	3.7	7.3	7.9	99.1				0.11	13.0		31.92	16.63	23.24
18.0	1141	25.0			0.61	3.7	7.3	7.9	99.1				0.11	13.0		31.93	16.62	23.25
18.0	1141	26.0			0.60	3.6	7.3	7.9	99.0				0.10	12.9		31.93	16.61	23.25
18.0	1141	27.0			0.59	3.5	7.3	7.9	99.0				0.11	12.9		31.94	16.61	23.26
18.0	1141	28.0			0.60	3.5	7.3	7.9	99.0				0.11	13.0		31.97	16.57	23.29
18.0	1141	29.0			0.61	3.6	7.4	7.9	99.1				0.13	13.7		31.99	16.56	23.31
18.0	1141	30.0			0.60	3.6	7.3	7.9	99.0				0.12	13.6		32.00	16.54	23.32
18.0	1141	31.0			0.63	3.8	7.4	7.9	99.1				0.16	15.0		32.02	16.52	23.34
18.0	1141	32.0	3.9	0.62	0.64	4.0	7.4	8.0	99.2				0.35	21.9		32.03	16.51	23.35

Std. Err.

Inter.

Slope

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n

Fluorometer Calibration:

OBS Calibration:

Dissolved Oxygen Calibration:

SeaBIRD v4.026

94210

29 JULY 1994

Non-standard stations: 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 SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
757	0707	1.0			0.48	2.5					0.10	8.6	1.4	0.32	21.78	0.00
757	0707	2.0	2.3	0.74	0.48	2.5	8.6			2.8	0.11	8.8		0.32	21.78	0.00
757	0707	3.0			0.47	2.4					0.11	9.1		0.32	21.79	0.00
757	0707	4.0			0.47	2.4					0.12	9.4		0.32	21.79	0.00
757	0707	5.0			0.47	2.4					0.12	9.4		0.33	21.79	0.00
757	0707	6.0			0.48	2.5					0.12	9.4		0.33	21.79	0.00
757	0707	7.0			0.48	2.5					0.12	9.5		0.33	21.79	0.00
757	0707	8.0			0.48	2.5					0.12	9.6		0.33	21.79	0.00
757	0707	9.0			0.48	2.5					0.13	10.2		0.34	21.79	0.00
757	0707	10.0			0.49	2.6					0.13	10.2		0.34	21.79	0.00
757	0707	11.0			0.49	2.6					0.14	10.8		0.34	21.78	0.00
757	0707	12.0	2.4	0.90	0.49	2.6					0.15	11.5		0.34	21.78	0.00
753	0734	1.0			0.48	2.5					0.13	10.2	1.4	0.51	21.65	0.00
753	0734	2.0			0.48	2.5					0.12	9.7		0.51	21.66	0.00
753	0734	3.0			0.47	2.4					0.13	9.9		0.51	21.66	0.00
753	0734	4.0			0.47	2.4					0.13	10.0		0.51	21.66	0.00
753	0734	5.0			0.47	2.4					0.13	10.0		0.52	21.67	0.00
753	0734	6.0			0.46	2.3					0.14	11.1		0.57	21.66	0.00
753	0734	7.0			0.46	2.3					0.15	11.4		0.58	21.66	0.00
753	0734	8.0			0.47	2.4					0.15	11.6		0.58	21.66	0.00
753	0734	9.0			0.47	2.4					0.16	12.1		0.58	21.66	0.00
753	0734	10.0			0.47	2.4					0.17	12.4		0.59	21.66	0.00
753	0734	11.0			0.47	2.5					0.17	12.8		0.59	21.66	0.00
753	0734	12.0			0.48	2.5					0.19	13.8		0.59	21.66	0.00
747	0817	1.0			0.39	1.7		7.6	8.2	94.4	0.25	17.3	1.9	1.96	21.62	0.00
747	0817	2.0			0.38	1.7		7.6	8.2	94.5	0.38	25.3		2.32	21.50	0.00
747	0817	3.0			0.38	1.7		7.7	8.2	94.6	0.44	28.9		2.41	21.47	0.00
747	0817	4.0			0.39	1.7		7.7	8.2	94.8	0.54	34.8		2.49	21.47	0.00
747	0817	5.0			0.40	1.8		7.7	8.2	94.9	0.55	35.2		2.49	21.43	0.00
747	0817	6.0			0.40	1.8		7.7	8.3	95.1	0.53	34.2		2.53	21.46	0.00
747	0817	7.0			0.40	1.8		7.7	8.3	95.1	0.54	35.0		2.54	21.46	0.00

STN	TIME	DEPTH	DISCR		CHL a	FLUOR	CALC	DISCR		CHL a	CALC	% OXY	DISCR		OBS	CALC	EXCOF	SALIN	TEMP	SIGT
			CHL a	CHL a+PHA				OXYG	OXYG				OXYG	SPM						
747	0817	8.0			0.40	1.8		7.7	8.3	95.2	0.52	33.6		2.60	21.45	0.00				
747	0817	9.0			0.40	1.8		7.7	8.3	95.1	0.50	32.6		2.61	21.44	0.00				
747	0817	10.0			0.40	1.8		7.7	8.3	95.2	0.51	32.8		2.72	21.40	0.00				
747	0817	11.0			0.40	1.8		7.7	8.3	95.3	0.51	33.3		2.71	21.40	0.00				
747	0817	12.0			0.40	1.8		7.7	8.3	95.4	0.51	33.3		2.72	21.40	0.00				
747	0817	13.0			0.40	1.8		7.7	8.3	95.5	0.52	33.5		2.74	21.39	0.00				
747	0817	14.0			0.40	1.8		7.7	8.3	95.4	0.54	34.5		2.74	21.39	0.00				
747	0817	15.0			0.40	1.8		7.7	8.3	95.5	0.55	35.4		2.75	21.39	0.00				
747	0817	16.0			0.41	1.9		7.7	8.3	95.4	0.56	35.9		2.75	21.39	0.00				
747	0817	17.0			0.41	1.9		7.7	8.3	95.5	0.62	39.9		2.77	21.38	0.01				
8.1		1.0			0.34	1.3		7.1	7.7	93.4	0.19	13.8	1.2	15.95	19.74	10.35				
8.1		2.0			0.33	1.2		7.1	7.7	93.5	0.15	11.5		16.94	19.67	11.12				
8.1		3.0			0.31	1.0		7.0	7.6	93.5	0.15	11.3		18.60	19.69	12.38				
8.1		4.0			0.30	1.0		7.0	7.7	93.9	0.17	12.8		18.93	19.70	12.63				
8.1		5.0			0.30	1.0		7.0	7.6	93.9	0.17	12.3		19.12	19.71	12.76				
8.1		6.0			0.31	1.0		7.0	7.7	94.2	0.17	12.6		19.28	19.71	12.88				
8.1		7.0			0.32	1.1		7.0	7.7	94.3	0.19	14.1		19.44	19.71	13.00				
8.1		8.0			0.33	1.3		7.0	7.7	94.4	0.29	19.8		19.77	19.71	13.26				
8.1		9.0			0.36	1.5		7.0	7.7	94.6	0.41	26.8		20.07	19.71	13.48				
8.1		10.0			0.38	1.7		7.0	7.7	94.7	0.55	35.7		20.27	19.70	13.64				
8.1		11.0			0.39	1.8		7.0	7.7	94.8	0.68	43.2		20.31	19.70	13.66				
8.1		12.0			0.39	1.8		7.0	7.7	94.8	0.67	42.4		20.36	19.71	13.71				
8.1		13.0			0.39	1.8		7.1	7.7	94.9	0.63	40.4		20.41	19.71	13.75				
8.1		14.0			0.39	1.7		7.1	7.7	95.1	0.64	40.9		20.63	19.69	13.91				
8.1		15.0			0.38	1.6		7.0	7.7	95.0	0.67	42.7		20.96	19.67	14.17				
8.1		16.0			0.38	1.6		7.0	7.7	95.0	0.73	46.1		21.04	19.67	14.23				
.....																	Std. Err.			
.....																	Inter.			
.....																	Slope			
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South 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	DISCR SPM	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
36.0	1132	1.0			0.90	3.4		5.1	5.3	72.7		0.66	44.8	3.3	29.44	22.80	19.78
36.0	1132	2.0	2.8	0.48	0.88	3.3		5.1	5.3	73.6		0.74	49.7		29.56	22.71	19.90
36.0	1132	3.0			0.87	3.3		5.2	5.3	73.7		0.79	52.5		29.67	22.66	19.99
36.0	1132	4.0			0.89	3.3		5.2	5.4	74.0		0.81	53.7		29.73	22.64	20.05
36.0	1132	5.0			0.90	3.4		5.2	5.4	74.8		0.80	53.4		29.79	22.62	20.10
36.0	1132	6.0			0.90	3.4		5.3	5.5	75.6		0.80	53.2		29.82	22.61	20.12
36.0	1132	7.0			0.92	3.4		5.3	5.5	76.5		0.82	54.7		29.83	22.60	20.14
36.0	1132	8.0			0.93	3.5		5.3	5.6	76.7		0.88	58.2		29.85	22.60	20.15
36.0	1132	9.0			0.93	3.5		5.3	5.6	76.7		0.95	62.5		29.85	22.59	20.15
35.0	1124	1.0			0.88	3.3		5.7	6.0	82.4		0.53	37.1	2.8	30.12	22.61	20.35
35.0	1124	2.0			0.88	3.3		5.6	5.9	82.1		0.60	41.3		30.11	22.57	20.35
35.0	1124	3.0			0.88	3.3		5.7	6.0	82.4		0.62	42.5		30.10	22.57	20.35
35.0	1124	4.0			0.90	3.4		5.7	6.0	82.4		0.71	47.8		30.11	22.57	20.35
35.0	1124	5.0			0.92	3.4		5.7	6.0	82.6		0.78	51.9		30.10	22.56	20.35
35.0	1124	6.0			0.94	3.5		5.7	6.0	82.7		0.83	54.7		30.10	22.56	20.35
35.0	1124	7.0			0.94	3.5		5.7	6.0	82.6		0.88	57.8		30.10	22.55	20.35
35.0	1124	8.0			0.96	3.6		5.7	6.0	82.5		0.92	60.4		30.10	22.54	20.35
35.0	1124	9.0			0.96	3.6		5.7	6.0	82.6		1.04	67.8		30.09	22.54	20.35
34.0	1113	1.0			0.87	3.3		5.8	6.1	84.1		0.63	43.2	3.7	30.24	22.44	20.48
34.0	1113	2.0	2.9	0.55	0.87	3.3		5.8	6.1	83.9		0.63	43.2		30.28	22.44	20.52
34.0	1113	3.0			0.88	3.3		5.8	6.1	83.9		0.62	42.5		30.30	22.41	20.54
34.0	1113	4.0			0.91	3.4		5.8	6.1	84.2		0.63	43.1		30.30	22.40	20.54
34.0	1113	5.0			0.93	3.5		5.8	6.1	84.3		0.69	46.3		30.32	22.40	20.55
34.0	1113	6.0			0.95	3.5		5.8	6.1	84.5		0.78	52.0		30.30	22.40	20.54
34.0	1113	7.0			0.97	3.6		5.8	6.1	84.5		0.85	55.9		30.30	22.40	20.54
34.0	1113	8.0			0.98	3.6		5.8	6.1	84.6		0.93	61.2		30.30	22.41	20.54
34.0	1113	9.0			1.00	3.7		5.8	6.1	84.6		1.02	66.2		30.30	22.41	20.54
34.0	1113	10.0			1.01	3.7		5.8	6.1	84.6		1.16	75.2		30.32	22.41	20.55
33.0	1027	1.0			0.91	3.4		5.7	6.1	83.7		0.58	40.2	3.3	30.33	22.36	20.57
33.0	1027	2.0			0.91	3.4		5.7	6.1	83.5		0.55	38.4		30.37	22.28	20.63

STN	TIME	DEPTH	DISCR		CHL a/	FLUOR	CALC		DISCR	CALC		% OXY	DISCR	CALC		EXCOF	SALIN	TEMP	SIGT
			CHL a	CHL a			CHL a	OXYG		OXYG	OXYG		SPM	OBS	SPM				
33.0	1027	3.0				0.90	3.4	5.7		6.1	83.4			0.51	35.5		30.37	22.26	20.63
33.0	1027	4.0				0.92	3.4	5.7		6.1	83.5			0.49	34.6		30.40	22.24	20.66
33.0	1027	5.0				0.92	3.4	5.7		6.1	83.2			0.49	34.4		30.43	22.21	20.69
33.0	1027	6.0				0.92	3.4	5.7		6.0	83.0			0.72	48.4		30.46	22.16	20.73
33.0	1027	7.0				0.93	3.5	5.7		6.0	82.9			1.00	65.0		30.49	22.14	20.76
33.0	1027	8.0				0.96	3.5	5.7		6.0	82.6			1.29	82.7		30.51	22.14	20.77
33.0	1027	9.0				0.98	3.6	5.7		6.0	82.8			1.41	89.8		30.51	22.13	20.77
33.0	1027	10.0				0.99	3.6	5.7		6.0	82.9			1.55	98.3		30.50	22.13	20.77
33.0	1027	11.0				1.00	3.7	5.7		6.0	82.7			1.68	106.0		30.51	22.13	20.78
33.0	1027	12.0				1.03	3.8	5.7		6.0	82.8			1.97	123.4		30.56	22.13	20.81
33.0	1027	13.0				1.03	3.8	5.7		6.0	82.8			2.02	126.6		30.62	22.13	20.86
32.0	1011	1.0				0.90	3.4	5.8		6.1	83.8			0.36	26.6	2.6	30.54	22.27	20.76
32.0	1011	2.0	3.8	0.61		0.88	3.3	5.7		6.1	83.3			0.41	29.6		30.58	22.20	20.81
32.0	1011	3.0				0.86	3.2	5.7		6.1	83.2			0.51	35.6		30.61	22.13	20.85
32.0	1011	4.0				0.89	3.3	5.7		6.1	83.5			0.63	42.6		30.63	22.08	20.88
32.0	1011	5.0				0.92	3.4	5.8		6.1	83.6			0.87	57.5		30.63	22.08	20.88
32.0	1011	6.0				0.94	3.5	5.8		6.1	83.8			1.12	72.7		30.62	22.09	20.87
32.0	1011	7.0				0.95	3.5	5.8		6.1	83.7			1.20	77.3		30.62	22.09	20.87
32.0	1011	8.0				0.96	3.6	5.8		6.1	83.8			1.33	85.1		30.63	22.09	20.88
32.0	1011	9.0				0.98	3.6	5.8		6.1	83.7			1.44	91.5		30.63	22.09	20.88
32.0	1011	10.0				1.03	3.8	5.7		6.1	83.4			1.48	94.2		30.63	22.09	20.88
32.0	1011	11.0				1.08	3.9	5.7		6.0	83.1			1.98	124.1		30.64	22.10	20.89
32.0	1011	12.0				1.13	4.1	5.7		6.0	82.9			2.48	154.3		30.65	22.10	20.89
32.0	1011	13.0				1.13	4.1	5.7		6.0	82.9			2.89	178.8		30.65	22.10	20.89
31.0	0953	1.0				0.88	3.3	5.9		6.3	86.8			0.62	42.3	3.1	31.25	22.21	21.32
31.0	0953	2.0				0.86	3.2	5.9		6.3	86.6			0.73	49.1		31.27	22.14	21.35
31.0	0953	3.0				0.85	3.2	5.9		6.3	86.6			0.81	54.1		31.28	22.10	21.37
31.0	0953	4.0				0.86	3.2	5.9		6.3	86.7			0.87	57.6		31.30	22.06	21.39
31.0	0953	5.0				0.95	3.5	5.9		6.3	86.8			1.02	66.7		31.30	22.03	21.40
31.0	0953	6.0				1.02	3.7	5.9		6.3	86.8			1.13	73.2		31.31	22.02	21.41
31.0	0953	7.0				0.98	3.6	5.9		6.3	86.8			1.28	82.3		31.31	22.01	21.42

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STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	CHL a	DISCR	OXYG	OXYG	% OXY	DISCR	OBS	CALC	EXCOF	SALIN	TEMP	SIGT
31.0	0953	8.0			0.94	3.5			5.9	6.3	86.8		1.49	94.5		31.32	22.00	21.42
31.0	0953	9.0			0.94	3.5			5.9	6.3	86.9		1.45	92.1		31.32	22.00	21.42
31.0	0953	10.0			0.94	3.5			5.9	6.3	86.9		1.59	100.6		31.32	22.00	21.43
31.0	0953	11.0			0.95	3.5			5.9	6.3	87.0		1.75	110.4		31.32	22.00	21.43
31.0	0953	12.0			0.96	3.5			5.9	6.3	86.9		1.85	116.3		31.32	22.00	21.43
31.0	0953	13.0			0.96	3.5			5.9	6.3	87.0		1.90	119.5		31.32	22.00	21.43
30.0	0904	1.0			0.75	2.9			6.0	6.4	87.4		0.27	21.4	1.9	31.34	21.69	21.52
30.0	0904	2.0	3.3	0.66	0.75	2.9			6.0	6.4	87.4		0.28	21.8		31.34	21.70	21.52
30.0	0904	3.0			0.75	2.9			6.0	6.4	87.2		0.35	26.4		31.34	21.69	21.53
30.0	0904	4.0			0.78	3.0			6.0	6.4	87.2		0.92	60.6		31.34	21.67	21.53
30.0	0904	5.0			0.83	3.1			6.0	6.4	87.3		1.13	72.9		31.34	21.66	21.53
30.0	0904	6.0			0.85	3.2			6.0	6.4	87.4		1.27	81.7		31.34	21.66	21.54
30.0	0904	7.0			0.86	3.2			6.0	6.4	87.4		1.30	83.5		31.34	21.66	21.53
30.0	0904	8.0			0.86	3.2			6.0	6.4	87.6		1.36	86.8		31.34	21.65	21.54
30.0	0904	9.0			0.86	3.2			6.0	6.4	87.5		1.47	93.3		31.34	21.65	21.54
30.0	0904	10.0			0.87	3.3			6.0	6.4	87.7		1.47	93.6		31.34	21.65	21.54
30.0	0904	11.0			0.89	3.3			6.0	6.4	87.5		1.79	112.8		31.34	21.64	21.54
30.0	0904	12.0			0.89	3.3			6.0	6.4	87.6		2.06	128.9		31.34	21.64	21.54
29.5	0853	1.0			0.63	2.5			6.0	6.4	87.9		0.32	24.3	2.1	31.38	21.47	21.62
29.5	0853	2.0			0.62	2.5			6.0	6.4	87.8		0.34	25.4		31.38	21.47	21.62
29.5	0853	3.0			0.62	2.5			6.0	6.4	87.7		0.34	25.5		31.39	21.45	21.63
29.5	0853	4.0			0.63	2.5			6.0	6.4	87.7		0.37	27.1		31.39	21.42	21.64
29.5	0853	5.0			0.63	2.5			6.0	6.4	87.5		0.45	32.2		31.40	21.39	21.65
29.5	0853	6.0			0.63	2.5			6.0	6.4	87.6		0.50	34.9		31.40	21.35	21.67
29.5	0853	7.0			0.64	2.6			6.1	6.5	87.9		0.51	35.6		31.41	21.31	21.68
29.5	0853	8.0			0.65	2.6			6.1	6.5	87.9		0.56	38.5		31.41	21.28	21.69
29.5	0853	9.0			0.67	2.6			6.1	6.5	87.9		0.63	43.2		31.41	21.27	21.69
29.5	0853	10.0			0.70	2.7			6.1	6.5	88.1		0.72	48.2		31.42	21.23	21.71
29.5	0853	11.0			0.74	2.9			6.1	6.5	88.4		0.89	58.6		31.42	21.21	21.72
29.5	0853	12.0			0.78	3.0			6.1	6.5	88.5		1.28	82.1		31.43	21.19	21.73
29.5	0853	13.0			0.80	3.1			6.1	6.5	88.8		1.90	119.2		31.43	21.19	21.73

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STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	OXYG	CALC	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
29.5	0853	14.0			0.83	3.1		6.1	6.5	88.8		2.35	146.6		31.43	21.19	21.73
29.5	0853	15.0			0.84	3.2		6.1	6.5	88.8		3.07	190.0		31.43	21.18	21.73
29.0	0840	1.0			0.56	2.3		6.2	6.6	89.3		0.46	32.8	2.6	31.43	21.16	21.74
29.0	0840	2.0	2.1	0.55	0.56	2.3		6.2	6.6	89.5		0.48	33.7		31.44	21.15	21.75
29.0	0840	3.0			0.56	2.3		6.2	6.6	89.6		0.50	34.9		31.44	21.14	21.75
29.0	0840	4.0			0.56	2.3		6.2	6.6	89.7		0.52	36.3		31.44	21.12	21.76
29.0	0840	5.0			0.56	2.3		6.2	6.6	89.6		0.52	36.6		31.44	21.13	21.75
29.0	0840	6.0			0.56	2.3		6.2	6.6	89.8		0.54	37.3		31.45	21.10	21.77
29.0	0840	7.0			0.56	2.3		6.2	6.6	89.7		0.54	37.5		31.45	21.09	21.77
29.0	0840	8.0			0.56	2.3		6.2	6.6	89.9		0.53	37.0		31.46	21.07	21.78
29.0	0840	9.0			0.56	2.3		6.2	6.6	90.1		0.54	37.3		31.46	21.06	21.79
29.0	0840	10.0			0.56	2.3		6.2	6.7	90.2		0.54	37.5		31.46	21.05	21.79
29.0	0840	11.0			0.56	2.3		6.2	6.7	90.3		0.55	38.0		31.46	21.05	21.79
29.0	0840	12.0			0.57	2.3		6.2	6.7	90.3		0.57	39.1		31.46	21.05	21.79
29.0	0840	13.0			0.57	2.3		6.2	6.7	90.4		0.58	39.8		31.46	21.05	21.79
29.0	0840	14.0			0.56	2.3		6.2	6.7	90.4		0.63	43.1		31.46	21.05	21.79
29.0	0840	15.0			0.56	2.3		6.2	6.7	90.4		0.71	47.5		31.46	21.05	21.79

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Fluorometer Calibration:

OBS Calibration:

Dissolved Oxygen Calibration:

5 0.498
6 0.933
4 0.997

3.128
60.206
1.236

0.506
5.366
0.033

oxygen and spm calibration from july 28 1994

SeaBird v4.026

South San Francisco Bay

30 August 1994

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STN	TIME	DEPTH	DISCR	CHL a/ a+PMA	FLUOR	CALC	CHL a	DISCR	OXYG	OXYG	CALC	% OXY	DISCR	SPM	OBS	CALC	EXCOF	SALIN	TEMP	SIGT
36.0	0618	1.0			1.45	6.2			6.6	6.2		83.5			0.58	17.7		29.32	21.69	20.00
36.0	0618	2.0	5.8	0.68	1.46	6.3		6.2	6.6	6.2		84.5	15.8		0.62	18.5		29.46	21.70	20.10
36.0	0618	3.0			1.48	6.4			6.7	6.3		85.4			0.65	18.9		29.57	21.72	20.18
36.0	0618	4.0			1.49	6.4			6.7	6.3		85.6			0.66	19.1		29.60	21.73	20.19
36.0	0618	5.0			1.49	6.4			6.7	6.3		85.8			0.67	19.4		29.61	21.74	20.20
36.0	0618	6.0			1.49	6.4			6.7	6.3		85.7			0.75	20.9		29.62	21.75	20.21
36.0	0618	7.0			1.50	6.4			6.7	6.3		85.7			0.96	25.1		29.64	21.76	20.22
36.0	0618	8.0	5.8	0.56	1.50	6.4			6.7	6.3		85.9			1.13	28.3		29.64	21.75	20.22
35.0	0633	1.0			1.20	5.3			6.9	6.6		88.7			0.22	10.7		30.08	21.49	20.62
35.0	0633	2.0			1.18	5.2			6.9	6.6		88.9			0.26	11.4		30.34	21.50	20.82
35.0	0633	3.0			1.17	5.1			6.9	6.6		88.9			0.34	13.1		30.47	21.49	20.92
35.0	0633	4.0			1.17	5.1			6.9	6.6		89.0			0.44	14.9		30.47	21.48	20.92
35.0	0633	5.0			1.19	5.2			6.9	6.6		89.1			0.48	15.7		30.48	21.48	20.92
35.0	0633	6.0			1.19	5.2			6.9	6.6		89.2			0.49	15.9		30.47	21.49	20.92
35.0	0633	7.0			1.19	5.2			6.9	6.6		89.1			0.50	16.1		30.47	21.49	20.92
35.0	0633	8.0			1.20	5.3			6.9	6.5		88.9			0.56	17.2		30.46	21.49	20.91
35.0	0633	9.0			1.20	5.3			6.9	6.6		88.9			0.74	20.8		30.45	21.49	20.91
34.0	0645	1.0			1.22	5.3			6.9	6.6		89.4			0.23	10.9	1.7	30.47	21.46	20.93
34.0	0645	2.0			1.21	5.3			7.0	6.6		89.5			0.23	10.9		30.61	21.47	21.03
34.0	0645	3.0			1.20	5.3			7.0	6.6		90.2			0.24	11.1		30.87	21.45	21.24
34.0	0645	4.0			1.22	5.3			7.0	6.7		90.7			0.26	11.4		31.14	21.43	21.44
34.0	0645	5.0			1.26	5.5			7.0	6.7		90.8			0.44	14.9		31.16	21.43	21.46
34.0	0645	6.0			1.33	5.8			7.0	6.6		90.5			0.51	16.2		31.18	21.43	21.48
34.0	0645	7.0			1.41	6.1			7.0	6.6		90.0			0.75	20.9		31.19	21.42	21.49
34.0	0645	8.0			1.40	6.0			7.0	6.6		90.3			1.34	32.3		31.19	21.42	21.48
33.0	0704	1.0			1.19	5.2			7.4	7.0		95.3			0.19	10.1	1.9	31.40	21.08	21.73
33.0	0704	2.0			1.19	5.2			7.4	7.0		95.3			0.20	10.2		31.40	21.08	21.74
33.0	0704	3.0			1.20	5.2			7.4	7.0		95.3			0.20	10.4		31.41	21.06	21.75
33.0	0704	4.0			1.22	5.3			7.4	7.1		95.5			0.22	10.6		31.41	21.06	21.75
33.0	0704	5.0			1.25	5.4			7.4	7.1		95.7			0.23	10.9		31.42	21.06	21.75

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	OXYG	OXYG	CALC	% OXY	DISCR	OBS	SPM	CALC	EXCOF	SALIN	TEMP	SIGT
33.0	0704	6.0			1.27	5.5		7.4	7.1	7.1	95.8		0.24	11.1			31.43	21.06	21.76
33.0	0704	7.0			1.30	5.6		7.4	7.1	7.1	96.0		0.25	11.2			31.43	21.06	21.77
33.0	0704	8.0			1.32	5.7		7.4	7.1	7.1	96.1		0.27	11.7			31.47	21.06	21.79
33.0	0704	9.0			1.34	5.8		7.4	7.1	7.1	96.2		0.29	12.0			31.49	21.05	21.81
33.0	0704	10.0			1.35	5.8		7.4	7.1	7.1	96.3		0.33	12.9			31.50	21.05	21.82
33.0	0704	11.0			1.35	5.8		7.4	7.1	7.1	96.4		0.38	13.9			31.50	21.05	21.82
33.0	0704	12.0			1.35	5.8		7.4	7.1	7.1	96.4		0.43	14.7			31.50	21.05	21.82
33.0	0704	13.0			1.35	5.8		7.4	7.1	7.1	96.2		0.48	15.6			31.50	21.05	21.82
33.0	0704	14.0			1.34	5.8		7.5	7.1	7.1	96.7		0.50	16.2			31.50	21.05	21.82
32.0	0715	1.0			1.08	4.8		7.4	7.1	7.1	96.0		0.37	13.6	2.5		31.54	21.13	21.83
32.0	0715	2.0	4.9	0.62	1.08	4.8	7.1	7.4	7.1	7.1	96.0	19.8	0.38	13.7			31.54	21.13	21.83
32.0	0715	3.0			1.08	4.8		7.4	7.1	7.1	96.0		0.38	13.8			31.54	21.13	21.83
32.0	0715	4.0			1.12	4.9		7.4	7.1	7.1	96.1		0.40	14.2			31.54	21.13	21.83
32.0	0715	5.0			1.16	5.1		7.4	7.1	7.1	96.1		0.41	14.3			31.54	21.14	21.83
32.0	0715	6.0			1.18	5.2		7.4	7.1	7.1	96.1		0.42	14.6			31.54	21.13	21.83
32.0	0715	7.0			1.20	5.2		7.4	7.1	7.1	96.0		0.47	15.5			31.54	21.13	21.83
32.0	0715	8.0			1.21	5.3		7.4	7.1	7.1	96.1		0.49	15.8			31.53	21.11	21.83
32.0	0715	9.0			1.21	5.3		7.4	7.1	7.1	96.1		0.51	16.3			31.53	21.10	21.83
32.0	0715	10.0			1.21	5.3		7.4	7.1	7.1	96.1		0.53	16.7			31.53	21.09	21.83
32.0	0715	11.0			1.20	5.3		7.4	7.1	7.1	96.2		0.56	17.2			31.53	21.09	21.83
32.0	0715	12.0			1.23	5.4		7.4	7.1	7.1	96.1		0.57	17.5			31.53	21.10	21.83
32.0	0715	13.0	5.9	0.55	1.23	5.4		7.4	7.1	7.1	96.0		0.62	18.4			31.53	21.10	21.83
31.0	0729	1.0			0.91	4.1		7.4	7.1	7.1	96.3		0.22	10.6	2.0		31.64	21.00	21.94
31.0	0729	2.0			0.91	4.1		7.4	7.1	7.1	96.6		0.26	11.4			31.64	21.00	21.94
31.0	0729	3.0			0.91	4.1		7.4	7.1	7.1	96.5		0.26	11.5			31.64	21.02	21.94
31.0	0729	4.0			0.92	4.1		7.4	7.1	7.1	96.6		0.27	11.7			31.64	21.02	21.94
31.0	0729	5.0			0.93	4.2		7.4	7.1	7.1	96.5		0.28	11.8			31.65	21.02	21.94
31.0	0729	6.0			0.95	4.3		7.4	7.1	7.1	96.7		0.29	12.1			31.65	21.02	21.94
31.0	0729	7.0			0.95	4.3		7.5	7.1	7.1	96.8		0.30	12.2			31.65	21.02	21.94
31.0	0729	8.0			0.96	4.3		7.4	7.1	7.1	96.7		0.31	12.4			31.65	21.03	21.94
31.0	0729	9.0			0.97	4.3		7.5	7.1	7.1	96.8		0.31	12.5			31.65	21.03	21.94

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STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CHL a	OXYG	OXYG	CALC	% OXY	DISCR	OBS	SPM	CALC	EXCOF	SALIN	TEMP	SIGT
31.0	0729	10.0			0.97	4.3			7.5	7.1	96.9			0.31	12.5			31.65	21.03	21.93
31.0	0729	11.0			0.96	4.3			7.5	7.1	96.9			0.32	12.7			31.65	21.03	21.94
31.0	0729	12.0			0.95	4.2			7.5	7.2	97.0			0.33	12.9			31.65	21.04	21.94
31.0	0729	13.0			0.95	4.3			7.5	7.1	96.9			0.36	13.3			31.65	21.04	21.94
31.0	0729	14.0			0.96	4.3			7.5	7.1	96.8			0.36	13.4			31.65	21.04	21.94
30.0	0756	1.0			0.76	3.5			7.3	7.0	94.7			0.25	11.3		1.7	31.64	20.90	21.97
30.0	0756	2.0	3.4	0.65	0.75	3.5			7.3	7.0	94.8		8.0	0.24	11.1			31.64	20.90	21.97
30.0	0756	3.0			0.76	3.5			7.3	7.0	94.7			0.24	11.1			31.64	20.90	21.97
30.0	0756	4.0			0.76	3.5			7.3	7.0	94.9			0.24	11.1			31.64	20.90	21.97
30.0	0756	5.0			0.77	3.5			7.3	7.0	94.9			0.24	11.0			31.64	20.90	21.97
30.0	0756	6.0			0.79	3.6			7.3	7.0	94.9			0.23	11.0			31.64	20.90	21.97
30.0	0756	7.0			0.80	3.7			7.3	7.0	95.0			0.24	11.0			31.64	20.90	21.97
30.0	0756	8.0			0.81	3.7			7.3	7.0	95.0			0.25	11.2			31.64	20.91	21.96
30.0	0756	9.0			0.81	3.7			7.3	7.0	95.0			0.25	11.3			31.64	20.91	21.97
30.0	0756	10.0			0.80	3.7			7.3	7.0	95.0			0.25	11.3			31.64	20.91	21.97
30.0	0756	11.0			0.80	3.7			7.4	7.0	95.1			0.25	11.3			31.64	20.91	21.96
30.0	0756	12.0			0.81	3.7			7.3	7.0	94.9			0.25	11.4			31.64	20.91	21.96
30.0	0756	13.0	3.6	0.66	0.81	3.7			7.3	7.0	95.0			0.27	11.7			31.64	20.91	21.96
29.5	0856	1.0			0.63	3.0			7.3	7.0	93.8			0.17	9.7		1.4	31.62	20.69	22.01
29.5	0856	2.0			0.62	3.0			7.3	7.0	93.7			0.17	9.6			31.62	20.70	22.00
29.5	0856	3.0			0.62	3.0			7.3	7.0	93.8			0.16	9.5			31.62	20.70	22.01
29.5	0856	4.0			0.62	3.0			7.3	7.0	93.8			0.16	9.6			31.62	20.70	22.01
29.5	0856	5.0			0.62	2.9			7.3	7.0	93.6			0.16	9.6			31.62	20.70	22.00
29.5	0856	6.0			0.61	2.9			7.3	6.9	93.5			0.16	9.5			31.62	20.69	22.01
29.5	0856	7.0			0.60	2.9			7.3	6.9	93.4			0.16	9.6			31.62	20.68	22.01
29.5	0856	8.0			0.60	2.9			7.3	6.9	93.5			0.16	9.6			31.63	20.65	22.02
29.5	0856	9.0			0.60	2.9			7.3	6.9	93.5			0.17	9.7			31.63	20.64	22.03
29.5	0856	10.0			0.59	2.8			7.3	7.0	93.6			0.18	9.9			31.63	20.62	22.03
29.5	0856	11.0			0.58	2.8			7.3	7.0	93.7			0.18	9.9			31.64	20.61	22.04
29.5	0856	12.0			0.58	2.8			7.3	7.0	93.6			0.18	9.9			31.64	20.61	22.04
29.5	0856	13.0			0.57	2.8			7.3	7.0	93.7			0.19	10.0			31.64	20.61	22.04

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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
29.5	0856	14.0			0.55	2.7		7.3	7.0	93.8	0.19	10.1		31.64	20.61	22.05
29.5	0856	15.0			0.55	2.7		7.3	7.0	93.7	0.20	10.2		31.65	20.60	22.05
29.5	0856	16.0			0.55	2.7		7.3	7.0	93.8	0.20	10.4		31.65	20.60	22.05
29.0	0908	1.0			0.60	2.9		7.2	6.9	93.1	0.17	9.8	1.6	31.63	20.73	22.00
29.0	0908	2.0			0.59	2.9		7.2	6.9	93.2	0.17	9.7		31.64	20.72	22.01
29.0	0908	3.0			0.59	2.8		7.3	6.9	93.3	0.17	9.7		31.63	20.73	22.00
29.0	0908	4.0			0.58	2.8		7.2	6.9	93.2	0.17	9.7		31.63	20.73	22.01
29.0	0908	5.0			0.57	2.8		7.2	6.9	93.2	0.17	9.7		31.64	20.71	22.02
29.0	0908	6.0			0.56	2.7		7.3	6.9	93.3	0.17	9.7		31.65	20.68	22.03
29.0	0908	7.0			0.55	2.7		7.3	6.9	93.4	0.17	9.7		31.65	20.68	22.03
29.0	0908	8.0			0.56	2.7		7.3	6.9	93.4	0.17	9.8		31.65	20.68	22.03
29.0	0908	9.0			0.56	2.7		7.3	6.9	93.5	0.17	9.8		31.65	20.68	22.03
29.0	0908	10.0			0.57	2.8		7.3	6.9	93.5	0.18	9.9		31.65	20.68	22.03
29.0	0908	11.0			0.57	2.7		7.3	6.9	93.6	0.18	9.9		31.65	20.68	22.03
29.0	0908	12.0			0.55	2.7		7.3	6.9	93.6	0.17	9.8		31.65	20.67	22.03
29.0	0908	13.0			0.53	2.6		7.3	7.0	93.6	0.18	9.9		31.65	20.67	22.04
29.0	0908	14.0			0.51	2.5		7.3	7.0	93.5	0.17	9.8		31.66	20.64	22.05
29.0	0908	15.0			0.50	2.5		7.3	7.0	93.6	0.17	9.6		31.67	20.63	22.06
29.0	0908	16.0			0.50	2.5		7.3	7.0	94.0	0.17	9.7		31.67	20.63	22.06
28.0	0922	1.0			0.49	2.4		7.2	6.9	92.1	0.19	10.1	1.6	31.65	20.48	22.08
28.0	0922	2.0			0.48	2.4		7.2	6.9	92.2	0.18	9.9		31.65	20.48	22.08
28.0	0922	3.0			0.49	2.4		7.2	6.9	92.1	0.18	10.0		31.65	20.48	22.08
28.0	0922	4.0			0.48	2.4		7.2	6.9	92.1	0.18	9.9		31.65	20.48	22.08
28.0	0922	5.0			0.48	2.4		7.2	6.9	92.1	0.18	9.9		31.65	20.46	22.09
28.0	0922	6.0			0.47	2.4		7.2	6.9	91.9	0.18	9.9		31.65	20.45	22.09
28.0	0922	7.0			0.47	2.4		7.2	6.8	91.8	0.19	10.1		31.65	20.45	22.09
28.0	0922	8.0			0.48	2.4		7.2	6.9	91.9	0.21	10.5		31.65	20.45	22.09
28.0	0922	9.0			0.49	2.5		7.2	6.9	91.9	0.24	11.1		31.65	20.45	22.09
28.0	0922	10.0			0.50	2.5		7.2	6.9	91.9	0.27	11.6		31.65	20.45	22.09
28.0	0922	11.0			0.50	2.5		7.2	6.9	91.9	0.29	12.1		31.64	20.45	22.09
28.0	0922	12.0			0.50	2.5		7.2	6.9	91.9	0.31	12.4		31.64	20.46	22.09

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28.0	0922	13.0			0.50	2.5		7.2	6.9	91.9		0.31	12.5		31.65	20.46	22.09
28.0	0922	14.0			0.50	2.5		7.2	6.9	92.0		0.32	12.7		31.64	20.46	22.09
28.0	0922	15.0			0.50	2.5		7.2	6.8	91.8		0.34	13.0		31.64	20.46	22.09
28.0	0922	16.0			0.50	2.5		7.2	6.9	91.9		0.35	13.3		31.64	20.46	22.09
27.0	0936	1.0			0.35	1.9		7.3	6.9	92.7		0.12	8.7	1.2	31.74	20.17	22.23
27.0	0936	2.0	1.7	0.81	0.35	1.9	7.0	7.3	6.9	92.8	10.1	0.13	8.8		31.74	20.17	22.23
27.0	0936	3.0			0.35	1.9		7.3	7.0	92.9		0.13	8.9		31.74	20.17	22.24
27.0	0936	4.0			0.34	1.9		7.3	7.0	92.8		0.13	9.0		31.74	20.17	22.24
27.0	0936	5.0			0.34	1.9		7.3	7.0	93.0		0.14	9.1		31.74	20.17	22.24
27.0	0936	6.0			0.34	1.9		7.3	7.0	93.0		0.14	9.1		31.74	20.16	22.24
27.0	0936	7.0			0.34	1.8		7.3	7.0	93.0		0.14	9.2		31.74	20.16	22.24
27.0	0936	8.0			0.34	1.8		7.3	7.0	92.9		0.16	9.4		31.75	20.16	22.24
27.0	0936	9.0			0.34	1.9		7.3	7.0	92.8		0.16	9.5		31.75	20.15	22.24
27.0	0936	10.0			0.35	1.9		7.3	7.0	92.8		0.16	9.5		31.75	20.14	22.25
27.0	0936	11.0			0.35	1.9		7.3	7.0	92.7		0.17	9.6		31.75	20.13	22.25
27.0	0936	12.0			0.37	2.0		7.3	6.9	92.5		0.17	9.7		31.75	20.10	22.26
27.0	0936	13.0	1.4	0.70	0.39	2.0		7.3	6.9	92.5		0.18	9.8		31.75	20.10	22.26
26.0	0948	1.0			0.38	2.0		7.2	6.9	91.8		0.05	7.5	1.1	31.75	20.01	22.28
26.0	0948	2.0			0.37	2.0		7.2	6.9	91.6		0.17	9.7		31.75	19.95	22.30
26.0	0948	3.0			0.35	1.9		7.2	6.9	91.5		0.10	8.3		31.74	19.93	22.30
26.0	0948	4.0			0.34	1.8		7.2	6.9	91.8		0.12	8.7		31.75	19.92	22.30
26.0	0948	5.0			0.34	1.8		7.2	6.9	91.8		0.12	8.8		31.75	19.90	22.31
26.0	0948	6.0			0.34	1.9		7.3	6.9	92.0		0.12	8.8		31.75	19.88	22.32
26.0	0948	7.0			0.34	1.8		7.3	6.9	92.2		0.12	8.8		31.75	19.86	22.33
26.0	0948	8.0			0.33	1.8		7.3	7.0	92.3		0.11	8.5		31.75	19.86	22.33
26.0	0948	9.0			0.34	1.8		7.3	7.0	92.3		0.10	8.4		31.75	19.86	22.33
26.0	0948	10.0			0.33	1.8		7.3	6.9	92.2		0.10	8.4		31.75	19.86	22.33
26.0	0948	11.0			0.33	1.8		7.3	7.0	92.3		0.10	8.4		31.75	19.86	22.33
25.0	1002	1.0			0.39	2.0		7.1	6.8	90.2		0.05	7.4	0.7	31.72	20.12	22.24
25.0	1002	2.0			0.39	2.1		7.1	6.8	90.3		0.05	7.4		31.73	20.12	22.24

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	OXYG	OXYG	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
25.0	1002	3.0			0.39	2.1		7.1	6.8	90.4		0.05	7.4		31.73	20.12	22.24
25.0	1002	4.0			0.38	2.0		7.1	6.8	90.3		0.05	7.4		31.73	20.13	22.23
25.0	1002	5.0			0.37	2.0		7.1	6.7	89.9		0.05	7.4		31.73	20.11	22.24
25.0	1002	6.0			0.36	1.9		7.1	6.7	89.4		0.05	7.5		31.73	20.05	22.26
25.0	1002	7.0			0.34	1.9		7.0	6.6	88.3		0.06	7.6		31.74	19.99	22.28
25.0	1002	8.0			0.33	1.8		7.0	6.7	88.4		0.06	7.6		31.77	19.82	22.35
25.0	1002	9.0			0.33	1.8		7.1	6.8	89.6		0.05	7.5		31.78	19.68	22.39
24.0	1018	1.0			0.55	2.7		7.5	7.1	93.7		0.03	6.9	0.7	31.84	19.23	22.55
24.0	1018	2.0	2.8	0.85	0.57	2.8	7.1	7.4	7.1	93.5	5.4	0.02	6.9		31.84	19.17	22.57
24.0	1018	3.0			0.57	2.8		7.4	7.1	93.4		0.03	7.0		31.84	19.12	22.58
24.0	1018	4.0			0.59	2.8		7.5	7.1	93.5		0.03	7.0		31.84	19.06	22.60
24.0	1018	5.0			0.58	2.8		7.4	7.1	93.3		0.03	7.1		31.84	19.04	22.60
24.0	1018	6.0			0.56	2.7		7.5	7.2	93.6		0.03	7.1		31.84	18.99	22.61
24.0	1018	7.0			0.54	2.7		7.5	7.2	93.5		0.03	7.0		31.84	18.99	22.61
24.0	1018	8.0			0.54	2.6		7.5	7.2	93.5		0.04	7.1		31.84	18.98	22.62
24.0	1018	9.0			0.52	2.6		7.5	7.1	93.2		0.04	7.1		31.84	18.97	22.62
24.0	1018	10.0			0.48	2.4		7.4	7.1	92.8		0.04	7.1		31.84	18.94	22.62
24.0	1018	11.0	2.3	0.74	0.48	2.4		7.4	7.1	93.1		0.04	7.3		31.84	18.94	22.62
23.0	1032	1.0			0.66	3.1		7.5	7.2	93.5		0.03	6.9	0.8	31.87	18.89	22.66
23.0	1032	2.0			0.68	3.2		7.5	7.2	93.5		0.03	7.0		31.87	18.79	22.68
23.0	1032	3.0			0.68	3.2		7.5	7.2	93.4		0.03	7.1		31.87	18.75	22.70
23.0	1032	4.0			0.67	3.2		7.5	7.2	93.6		0.04	7.2		31.87	18.70	22.71
23.0	1032	5.0			0.67	3.2		7.5	7.2	93.7		0.04	7.2		31.87	18.68	22.71
23.0	1032	6.0			0.66	3.1		7.5	7.2	93.6		0.05	7.3		31.87	18.67	22.72
23.0	1032	7.0			0.63	3.0		7.5	7.2	93.4		0.05	7.3		31.87	18.66	22.72
23.0	1032	8.0			0.60	2.9		7.5	7.2	92.9		0.05	7.4		31.88	18.60	22.74
23.0	1032	9.0			0.57	2.8		7.5	7.2	93.0		0.06	7.6		31.88	18.56	22.75
23.0	1032	10.0			0.58	2.8		7.5	7.2	92.9		0.07	7.7		31.88	18.55	22.75
23.0	1032	11.0			0.59	2.9		7.5	7.2	92.9		0.08	7.9		31.89	18.53	22.76
23.0	1032	12.0			0.61	2.9		7.5	7.2	93.0		0.08	8.0		31.89	18.49	22.77
23.0	1032	13.0			0.61	2.9		7.5	7.2	92.9		0.08	8.0		31.89	18.46	22.78

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STN	TIME	DEPTH	DISCR		CHL a/	FLUOR	CALC		DISCR	OXYG	CALC		% OXY	DISCR	OBS	SPM	CALC	EXCOF	SALIN	TEMP	SIGT
			CHL a	CHL a			CHL a	OXYG		OXYG	OXYG	OXYG	SAT								
23.0	1032	14.0				0.62	3.0			7.5	7.2	7.2	92.8		0.09	8.1			31.89	18.43	22.79
23.0	1032	15.0				0.64	3.0			7.5	7.2	7.2	92.8		0.10	8.3			31.89	18.41	22.80
23.0	1032	16.0				0.64	3.0			7.5	7.2	7.2	93.1		0.10	8.3			31.89	18.40	22.80
22.0	1053	1.0				0.83	3.8			7.8	7.5	7.5	96.0		0.00	6.4	0.6		31.77	18.07	22.78
22.0	1053	2.0				0.79	3.6			7.7	7.4	7.4	95.3		0.00	6.5			31.78	17.92	22.83
22.0	1053	3.0				0.75	3.5			7.7	7.4	7.4	95.0		0.01	6.5			31.77	17.83	22.84
22.0	1053	4.0				0.70	3.3			7.7	7.4	7.4	95.0		0.01	6.6			31.77	17.80	22.85
22.0	1053	5.0				0.67	3.2			7.7	7.4	7.4	94.9		0.01	6.6			31.78	17.80	22.85
22.0	1053	6.0				0.63	3.0			7.7	7.4	7.4	94.8		0.01	6.7			31.79	17.83	22.86
22.0	1053	7.0				0.59	2.8			7.7	7.4	7.4	94.6		0.01	6.7			31.80	17.84	22.86
22.0	1053	8.0				0.57	2.7			7.7	7.4	7.4	94.5		0.01	6.7			31.80	17.86	22.86
22.0	1053	9.0				0.55	2.7			7.7	7.4	7.4	94.3		0.01	6.7			31.81	17.86	22.87
22.0	1053	10.0				0.53	2.6			7.7	7.4	7.4	94.2		0.02	6.8			31.82	17.87	22.87
22.0	1053	11.0				0.51	2.5			7.6	7.3	7.3	93.6		0.02	6.8			31.82	17.87	22.87
22.0	1053	12.0				0.51	2.5			7.6	7.3	7.3	93.5		0.02	6.9			31.82	17.82	22.88
22.0	1053	13.0				0.51	2.5			7.6	7.3	7.3	93.7		0.03	6.9			31.82	17.79	22.89
22.0	1053	14.0				0.51	2.5			7.6	7.3	7.3	93.4		0.03	7.0			31.82	17.80	22.89
22.0	1053	15.0				0.52	2.6			7.6	7.3	7.3	93.3		0.03	7.0			31.81	17.77	22.89
22.0	1053	16.0				0.53	2.6			7.6	7.3	7.3	93.2		0.03	7.1			31.81	17.73	22.89
22.0	1053	17.0				0.54	2.6			7.6	7.3	7.3	93.4		0.04	7.1			31.80	17.72	22.89
22.0	1053	18.0				0.55	2.7			7.6	7.3	7.3	93.3		0.04	7.3			31.80	17.70	22.90
22.0	1053	19.0				0.55	2.7			7.6	7.3	7.3	93.5		0.06	7.6			31.80	17.70	22.89
21.0	1105	1.0				0.91	4.1			8.0	7.7	7.7	99.5		0.00	6.5	0.8		31.74	18.18	22.73
21.0	1105	2.0	5.5	0.88		0.94	4.2		7.6	7.9	7.6	7.6	98.3	6.5	0.01	6.6			31.80	18.15	22.79
21.0	1105	3.0				0.84	3.8			7.8	7.6	7.6	97.0		0.01	6.7			31.82	18.08	22.82
21.0	1105	4.0				0.71	3.3			7.7	7.5	7.5	95.7		0.01	6.7			31.83	18.03	22.84
21.0	1105	5.0				0.64	3.0			7.7	7.4	7.4	95.0		0.02	6.8			31.83	17.96	22.85
21.0	1105	6.0				0.60	2.9			7.7	7.4	7.4	94.5		0.02	6.8			31.84	17.88	22.88
21.0	1105	7.0				0.60	2.9			7.7	7.4	7.4	94.0		0.02	6.8			31.84	17.80	22.90
21.0	1105	8.0				0.58	2.8			7.7	7.4	7.4	94.3		0.02	6.7			31.85	17.69	22.93
21.0	1105	9.0				0.55	2.7			7.7	7.4	7.4	94.1		0.01	6.7			31.84	17.65	22.94

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South San Francisco Bay

STN	TIME	DEPTH	DISCR		CHL a	FLUOR	CHL a	DISCR		OXYG	CALC	% OXY	DISCR		OBS	CALC		EXCOF	SALIN	TEMP	SIGT
			CHL a	CHL a				OXYG	OXYG				SPM	SPM		SPM	SPM				
21.0	1105	10.0				0.54	2.6			7.7	7.4	94.0			0.02	6.8		31.84	17.58	22.96	
21.0	1105	11.0				0.52	2.6			7.7	7.4	94.1			0.02	6.8		31.84	17.52	22.97	
21.0	1105	12.0				0.51	2.5			7.7	7.4	93.7			0.02	6.7		31.84	17.50	22.98	
21.0	1105	13.0				0.52	2.5			7.7	7.4	93.8			0.02	6.8		31.85	17.44	23.00	
21.0	1105	14.0				0.53	2.6			7.7	7.4	93.6			0.02	6.7		31.86	17.41	23.01	
21.0	1105	15.0				0.52	2.6			7.7	7.4	93.5			0.02	6.8		31.87	17.38	23.02	
21.0	1105	16.0				0.51	2.5			7.7	7.4	93.6			0.02	6.8		31.89	17.33	23.05	
21.0	1105	17.0				0.52	2.6			7.7	7.4	93.6			0.02	6.8		31.90	17.31	23.07	
21.0	1105	18.0				0.53	2.6			7.7	7.4	93.6			0.03	6.9		31.90	17.30	23.07	
21.0	1105	19.0	2.8	0.79		0.52	2.6			7.7	7.4	93.6			0.02	6.9		31.90	17.29	23.07	

	n	r^2	Slope	Inter.	Std. Err.
Fluorometer Calibration:	12	0.902	3.954	0.505	0.554
OBS Calibration:	6	0.644	19.337	6.431	3.795
Dissolved Oxygen Calibration:	6	0.989	1.097	-1.035	0.054

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	CALC SPM	EXCOF	SALIN	TEMP	SIGT
657.0	1930	1.0			0.29	1.3						1.2	0.09	21.43	0.00
657.0	1930	2.0	1.4	0.78	0.28	1.3	8.0			7.9			0.09	21.43	0.00
657.0	1930	3.0			0.28	1.3							0.09	21.43	0.00
657.0	1930	4.0			0.28	1.3							0.09	21.44	0.00
657.0	1930	5.0			0.28	1.3							0.09	21.44	0.00
657.0	1930	6.0			0.29	1.3							0.09	21.44	0.00
657.0	1930	7.0			0.29	1.3							0.09	21.42	0.00
657.0	1930	8.0			0.29	1.3							0.09	21.41	0.00
657.0	1930	9.0			0.29	1.3							0.09	21.38	0.00
657.0	1930	10.0			0.29	1.3							0.09	21.37	0.00
657.0	1930	11.0	1.2	0.63	0.29	1.3							0.09	21.37	0.00
653.0	1902	1.0			0.40	1.8						1.4	0.29	21.40	0.00
653.0	1902	2.0			0.40	1.8							0.29	21.41	0.00
653.0	1902	3.0			0.40	1.8							0.29	21.41	0.00
653.0	1902	4.0			0.39	1.8							0.29	21.40	0.00
653.0	1902	5.0			0.39	1.7							0.29	21.39	0.00
653.0	1902	6.0			0.39	1.8							0.29	21.38	0.00
653.0	1902	7.0			0.39	1.8							0.29	21.36	0.00
653.0	1902	8.0			0.39	1.7							0.29	21.27	0.00
653.0	1902	9.0			0.38	1.7							0.29	21.22	0.00
653.0	1902	10.0			0.38	1.7							0.33	21.19	0.00
653.0	1902	11.0			0.38	1.7							0.40	21.16	0.00
649.0	1836	1.0			0.31	1.4		8.9	8.3	94.8		1.6	1.93	21.28	0.00
649.0	1836	2.0	1.2	0.66	0.31	1.4	8.2	8.8	8.2	94.0	14.1		1.97	21.22	0.00
649.0	1836	3.0			0.29	1.4		8.9	8.3	94.4			2.30	21.10	0.00
649.0	1836	4.0			0.28	1.3		8.9	8.3	94.5			2.44	21.17	0.00
649.0	1836	5.0			0.27	1.3		8.9	8.3	94.6			2.53	21.17	0.00
649.0	1836	6.0			0.26	1.2		8.9	8.3	94.8			2.64	21.20	0.00
649.0	1836	7.0			0.26	1.2		8.8	8.2	94.8			2.83	21.28	0.08
649.0	1836	8.0			0.25	1.2		8.8	8.2	94.8			2.98	21.31	0.19
649.0	1836	9.0			0.25	1.2		8.8	8.2	94.7			3.08	21.29	0.27

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CHL a	OXYG	OXYG	% OXY	DISCR	OBS	SPM	CALC	EXCOF	SALIN	TEMP	SIGT
649.0	1836	10.0			0.25	1.2			8.8	8.2	94.7		0.14	11.4			3.20	21.26	0.37
649.0	1836	11.0			0.26	1.2			8.8	8.2	94.6		0.16	12.5			3.23	21.25	0.39
649.0	1836	12.0	0.7	0.60	0.26	1.2			8.8	8.2	94.7		0.17	12.9			3.23	21.25	0.40
2.0	1817	1.0			0.31	1.4			8.9	8.3	96.7		0.12	10.3		1.3	3.89	21.65	0.80
2.0	1817	2.0			0.31	1.4			8.9	8.3	96.4		0.11	9.9			3.90	21.64	0.81
2.0	1817	3.0			0.30	1.4			8.8	8.2	96.0		0.11	10.0			3.93	21.60	0.84
2.0	1817	4.0			0.28	1.3			8.7	8.2	95.1		0.11	10.1			4.03	21.49	0.94
2.0	1817	5.0			0.27	1.3			8.8	8.2	95.7		0.13	10.7			4.39	21.31	1.26
2.0	1817	6.0			0.26	1.2			8.8	8.2	95.5		0.14	11.2			4.47	21.39	1.30
2.0	1817	7.0			0.26	1.2			8.8	8.2	95.3		0.12	10.5			4.94	21.33	1.66
2.0	1817	8.0			0.26	1.2			8.8	8.2	95.4		0.12	10.2			5.29	21.21	1.96
2.0	1817	9.0			0.26	1.2			8.8	8.2	95.4		0.14	11.4			5.34	21.17	2.01
2.0	1817	10.0			0.27	1.2			8.8	8.2	95.2		0.15	12.1			5.35	21.14	2.02
2.0	1817	11.0			0.27	1.3			8.7	8.2	94.9		0.16	12.6			5.41	21.10	2.08
2.0	1817	12.0			0.27	1.3			8.8	8.2	95.3		0.16	12.6			5.63	21.00	2.26
2.0	1817	13.0			0.27	1.3			8.8	8.2	95.4		0.17	13.0			5.65	21.00	2.28
3.0	1803	1.0			0.39	1.7			9.0	8.4	98.0		0.12	10.4		1.5	4.57	21.68	1.30
3.0	1803	2.0	2.3	0.84	0.39	1.7			9.1	8.4	98.6	8.8	0.11	10.0			4.69	21.72	1.39
3.0	1803	3.0			0.39	1.7			9.1	8.4	99.0		0.11	9.8			5.22	21.80	1.77
3.0	1803	4.0			0.39	1.8			9.1	8.4	99.1		0.10	9.7			5.37	21.83	1.88
3.0	1803	5.0			0.40	1.8			9.1	8.4	99.1		0.10	9.4			5.44	21.84	1.93
3.0	1803	6.0			0.36	1.6			9.0	8.3	98.5		0.10	9.3			5.55	21.83	2.01
3.0	1803	7.0	2.2	0.84	0.35	1.6			9.0	8.4	98.7		0.09	8.7			5.83	21.71	2.25
4.0	1729	1.0			0.56	2.4			9.1	8.4	99.2		0.12	10.5		1.4	6.43	21.69	2.71
4.0	1729	2.0			0.54	2.3			8.9	8.3	98.4		0.11	10.1			6.43	21.68	2.71
4.0	1729	3.0			0.45	2.0			8.9	8.3	98.1		0.12	10.3			6.54	21.52	2.83
4.0	1729	4.0			0.38	1.7			8.9	8.3	97.9		0.13	10.7			6.75	21.44	3.01
4.0	1729	5.0			0.34	1.6			8.9	8.3	97.6		0.13	10.8			7.03	21.35	3.24
4.0	1729	6.0			0.33	1.5			8.7	8.2	96.4		0.13	10.9			7.25	21.24	3.43
4.0	1729	7.0			0.32	1.5			8.7	8.1	95.7		0.14	11.4			7.55	20.99	3.72

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
4.0	1729	8.0			0.30	1.4		8.7	8.2	95.9		0.14	11.3		7.93	20.78	4.05
4.0	1729	9.0			0.29	1.4		8.8	8.2	96.3		0.14	11.4		8.27	20.73	4.32
4.0	1729	10.0			0.30	1.4		8.8	8.2	96.5		0.13	11.1		8.51	20.74	4.49
4.0	1729	11.0			0.30	1.4		8.8	8.2	96.6		0.13	11.0		8.68	20.76	4.63
4.0	1729	12.0			0.29	1.4		8.8	8.2	96.7		0.13	11.0		8.72	20.76	4.65
4.0	1729	13.0			0.30	1.4		8.8	8.2	96.7		0.13	11.0		8.77	20.76	4.69
4.0	1729	14.0			0.30	1.4		8.8	8.2	96.8		0.14	11.2		8.86	20.76	4.76
4.0	1729	15.0			0.30	1.4		8.8	8.2	96.7		0.14	11.5		8.90	20.76	4.79
4.0	1729	16.0			0.30	1.4		8.8	8.2	96.7		0.16	12.2		8.98	20.75	4.85
4.0	1729	17.0			0.30	1.4		8.8	8.2	96.8		0.17	13.1		9.03	20.75	4.89
5.0	1712	1.0			0.39	1.7		8.8	8.2	98.0		0.11	9.8	1.3	8.52	21.50	4.34
5.0	1712	2.0			0.37	1.7		8.6	8.0	95.9		0.11	9.8		8.67	21.34	4.48
5.0	1712	3.0			0.32	1.5		8.6	8.1	96.0		0.11	9.8		9.43	20.92	5.16
5.0	1712	4.0			0.30	1.4		8.6	8.1	96.1		0.12	10.4		9.80	20.87	5.45
5.0	1712	5.0			0.28	1.3		8.6	8.1	96.2		0.13	10.7		10.15	20.80	5.73
5.0	1712	6.0			0.28	1.3		8.7	8.1	96.5		0.12	10.3		10.38	20.75	5.91
5.0	1712	7.0			0.30	1.4		8.6	8.1	96.6		0.15	11.9		10.56	20.74	6.04
5.0	1712	8.0			0.32	1.4		8.6	8.1	96.5		0.39	23.8		10.94	20.72	6.34
5.0	1712	9.0			0.31	1.4		8.6	8.1	96.8		0.18	13.2		11.42	20.67	6.72
5.0	1712	10.0			0.32	1.5		8.6	8.1	96.8		0.21	14.8		11.89	20.66	7.07
5.0	1712	11.0			0.33	1.5		8.6	8.1	96.8		0.21	15.0		12.03	20.64	7.18
5.0	1712	12.0			0.33	1.5		8.6	8.1	97.0		0.38	23.2		12.07	20.63	7.22
6.0	1648	1.0			0.35	1.6		8.6	8.1	97.7		0.10	9.5	1.3	11.66	21.16	6.78
6.0	1648	2.0	1.0	0.51	0.33	1.5	8.3	8.6	8.1	97.5	11.2	0.11	9.9		11.77	20.90	6.92
6.0	1648	3.0			0.32	1.5		8.7	8.1	97.5		0.11	9.7		11.93	20.80	7.06
6.0	1648	4.0			0.31	1.4		8.7	8.1	97.6		0.10	9.3		12.38	20.74	7.42
6.0	1648	5.0			0.31	1.4		8.6	8.0	97.2		0.10	9.4		12.94	20.73	7.84
6.0	1648	6.0			0.31	1.4		8.5	8.0	96.9		0.10	9.4		13.24	20.60	8.11
6.0	1648	7.0			0.30	1.4		8.5	8.0	96.7		0.10	9.3		13.59	20.51	8.39
6.0	1648	8.0			0.30	1.4		8.5	8.0	96.8		0.10	9.7		14.35	20.44	8.98
6.0	1648	9.0			0.30	1.4		8.5	8.0	96.9		0.10	9.7		14.79	20.40	9.32

STN	TIME	DEPTH	DISCR		CHL a/	FLUOR	CALC		DISCR	OXYG	CALC		% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
			CHL a	a+PHA			CHL a	OXYG		OXYG	OXYG	OXYG								
6.0	1648	10.0	0.8	0.75	0.30	1.4	8.5	8.0	97.3	0.12	10.4	14.81	20.40	9.34						
7.0	1626	1.0			0.60	2.6	8.7	8.1	101.2	0.10	9.3	1.2	14.53	21.72	8.81					
7.0	1626	2.0			0.51	2.2	8.4	7.9	97.6	0.11	10.1		14.76	21.33	9.08					
7.0	1626	3.0			0.39	1.8	8.2	7.8	95.2	0.12	10.2		15.42	20.70	9.73					
7.0	1626	4.0			0.33	1.5	8.4	7.9	96.6	0.11	9.8		16.64	20.23	10.76					
7.0	1626	5.0			0.31	1.4	8.4	7.9	97.1	0.11	9.9		16.81	20.25	10.88					
7.0	1626	6.0			0.31	1.4	8.4	7.9	97.1	0.11	10.0		16.92	20.25	10.97					
7.0	1626	7.0			0.31	1.4	8.4	7.9	97.0	0.12	10.2		17.11	20.20	11.12					
7.0	1626	8.0			0.30	1.4	8.3	7.9	96.8	0.13	10.7		17.21	20.16	11.21					
7.0	1626	9.0			0.29	1.3	8.3	7.9	96.8	0.13	10.7		17.76	20.10	11.65					
7.0	1626	10.0			0.28	1.3	8.3	7.9	96.9	0.12	10.5		18.11	20.07	11.92					
7.0	1626	11.0			0.29	1.4	8.3	7.9	96.9	0.13	10.8		18.18	20.06	11.97					
7.0	1626	12.0			0.30	1.4	8.3	7.9	96.8	0.12	10.6		18.27	20.05	12.04					
7.0	1626	13.0			0.30	1.4	8.3	7.9	96.8	0.15	11.8		18.68	20.02	12.36					
7.0	1626	14.0			0.30	1.4	8.3	7.9	97.0	0.19	13.7		18.74	20.02	12.40					
8.0	1534	1.0			0.51	2.2	8.5	8.0	99.8	0.10	9.3	1.2	18.02	20.80	11.67					
8.0	1534	2.0			0.50	2.2	8.5	8.0	99.7	0.09	9.0		18.08	20.77	11.73					
8.0	1534	3.0			0.48	2.1	8.4	8.0	99.2	0.09	9.1		18.18	20.72	11.81					
8.0	1534	4.0			0.44	1.9	8.2	7.8	97.0	0.08	8.4		18.36	20.63	11.97					
8.0	1534	5.0			0.38	1.7	8.2	7.8	96.2	0.07	8.2		19.03	20.18	12.58					
8.0	1534	6.0			0.32	1.5	8.2	7.8	96.4	0.08	8.4		19.71	19.97	13.15					
8.0	1534	7.0			0.31	1.4	8.2	7.8	96.7	0.09	9.2		19.91	19.97	13.31					
8.0	1534	8.0			0.30	1.4	8.2	7.8	96.7	0.10	9.3		20.20	19.96	13.52					
8.0	1534	9.0			0.28	1.3	8.2	7.8	96.7	0.09	9.1		20.63	19.89	13.86					
8.0	1534	10.0			0.27	1.3	8.1	7.8	96.5	0.09	8.8		20.91	19.87	14.08					
8.0	1534	11.0			0.28	1.3	8.2	7.8	96.7	0.09	9.1		21.00	19.86	14.15					
8.0	1534	12.0			0.28	1.3	8.2	7.8	96.8	0.10	9.4		21.02	19.86	14.17					
8.0	1534	13.0			0.28	1.3	8.1	7.8	96.7	0.10	9.3		21.20	19.85	14.31					
8.0	1534	14.0			0.28	1.3	8.1	7.7	96.7	0.10	9.5		21.35	19.84	14.42					
8.0	1534	15.0			0.28	1.3	8.1	7.7	96.7	0.11	9.7		21.47	19.83	14.52					
8.0	1534	16.0			0.28	1.3	8.1	7.8	96.8	0.11	10.1		21.52	19.83	14.55					

North San Francisco Bay

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OKYG	CALC OKYG	% OKY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
9.0	1515	1.0			0.44	2.0		8.3	7.8	97.5	0.10	9.4	1.5	17.57	20.80	11.33
9.0	1515	2.0	2.2	0.86	0.43	1.9	7.9	8.4	7.9	97.9	10.1	9.1		18.52	20.37	12.15
9.0	1515	3.0			0.42	1.9		8.4	8.0	98.9	0.10	9.4		18.73	20.36	12.31
9.0	1515	4.0			0.44	1.9		8.4	7.9	98.7	0.10	9.4		18.79	20.44	12.34
9.0	1515	5.0			0.42	1.9		8.3	7.9	97.8	0.10	9.3		19.26	20.39	12.71
9.0	1515	6.0			0.37	1.7		8.2	7.8	96.9	0.10	9.3		19.65	20.22	13.04
9.0	1515	7.0			0.33	1.5		8.2	7.8	96.4	0.10	9.4		19.84	20.07	13.23
9.0	1515	8.0			0.30	1.4		8.2	7.8	96.6	0.10	9.4		20.48	19.92	13.74
9.0	1515	9.0			0.30	1.4		8.2	7.8	96.9	0.09	9.2		21.16	19.88	14.27
9.0	1515	10.0			0.30	1.4		8.2	7.8	97.1	0.10	9.3		21.48	19.84	14.52
9.0	1515	11.0			0.30	1.4		8.1	7.8	96.9	0.09	9.1		21.57	19.83	14.59
9.0	1515	12.0			0.28	1.3		8.2	7.8	97.0	0.09	8.9		21.72	19.80	14.71
9.0	1515	13.0			0.28	1.3		8.2	7.8	97.2	0.09	8.7		21.83	19.80	14.80
9.0	1515	14.0			0.29	1.3		8.2	7.8	97.3	0.08	8.4		21.88	19.81	14.83
9.0	1515	15.0			0.29	1.3		8.2	7.8	97.2	0.08	8.5		21.97	19.82	14.89
9.0	1515	16.0			0.29	1.3		8.1	7.8	97.1	0.08	8.5		22.06	19.82	14.97
9.0	1515	17.0			0.29	1.3		8.1	7.7	97.1	0.09	8.9		22.15	19.81	15.04
9.0	1515	18.0			0.30	1.4		8.1	7.8	97.2	0.09	9.1		22.36	19.79	15.20
9.0	1515	19.0			0.30	1.4		8.1	7.7	97.2	0.09	9.2		22.50	19.78	15.31
9.0	1515	20.0			0.30	1.4		8.1	7.8	97.4	0.10	9.6		22.61	19.78	15.40
9.0	1515	21.0			0.30	1.4		8.1	7.8	97.4	0.11	10.0		22.70	19.77	15.46
9.0	1515	22.0			0.31	1.4		8.1	7.8	97.5	0.11	10.0		22.74	19.77	15.49
9.0	1515	23.0			0.31	1.4		8.1	7.8	97.5	0.11	10.1		22.75	19.77	15.50
9.0	1515	24.0			0.32	1.4		8.1	7.8	97.5	0.11	9.8		22.80	19.77	15.54
9.0	1515	25.0			0.32	1.5		8.2	7.8	97.6	0.10	9.6		22.80	19.77	15.54
9.0	1515	26.0			0.32	1.4		8.1	7.8	97.5	0.10	9.5		22.80	19.76	15.54
9.0	1515	27.0			0.32	1.4		8.2	7.8	97.6	0.10	9.3		22.81	19.76	15.55
9.0	1515	28.0			0.32	1.5		8.1	7.8	97.5	0.09	9.0		22.84	19.76	15.58
9.0	1515	29.0			0.33	1.5		8.1	7.8	97.5	0.10	9.4		22.91	19.76	15.63
9.0	1515	30.0	1.3	0.81	0.33	1.5		8.1	7.8	97.6	0.10	9.4		23.03	19.77	15.72
10.0	1502	1.0			0.39	1.7		8.2	7.8	97.4	0.08	8.3	1.0	20.01	20.49	13.26
10.0	1502	2.0			0.37	1.7		8.1	7.7	96.6	0.07	8.2		20.70	20.08	13.87

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	CHL a	CHL a	OXYG	OXYG	SAT	SAT			SPM	SPM				
10.0	1502	3.0				0.34	1.5			8.1	7.7	96.3			0.08	8.5			20.92	19.94	14.07
10.0	1502	4.0				0.30	1.4			8.1	7.7	96.6			0.09	9.0			21.53	19.82	14.56
10.0	1502	5.0				0.29	1.3			8.1	7.7	96.9			0.09	9.0			21.84	19.80	14.80
10.0	1502	6.0				0.29	1.3			8.1	7.8	97.1			0.10	9.4			22.06	19.79	14.98
10.0	1502	7.0				0.29	1.3			8.1	7.8	97.2			0.10	9.4			22.28	19.78	15.15
10.0	1502	8.0				0.29	1.3			8.1	7.7	97.2			0.10	9.6			22.46	19.78	15.28
10.0	1502	9.0				0.29	1.3			8.1	7.7	97.3			0.11	9.9			22.60	19.78	15.38
10.0	1502	10.0				0.29	1.4			8.1	7.7	97.3			0.11	10.0			22.67	19.78	15.44
10.0	1502	11.0				0.30	1.4			8.1	7.7	97.4			0.11	10.0			22.80	19.78	15.54
10.0	1502	12.0				0.31	1.4			8.1	7.7	97.4			0.11	9.9			22.98	19.77	15.68
10.0	1502	13.0				0.32	1.4			8.1	7.7	97.4			0.11	9.9			23.09	19.76	15.76
10.0	1502	14.0				0.32	1.5			8.1	7.7	97.5			0.11	9.8			23.15	19.75	15.81
10.0	1502	15.0				0.32	1.5			8.1	7.7	97.5			0.11	9.7			23.19	19.75	15.84
10.0	1502	16.0				0.33	1.5			8.1	7.7	97.5			0.10	9.6			23.22	19.74	15.86
10.0	1502	17.0				0.33	1.5			8.1	7.7	97.5			0.11	9.8			23.29	19.74	15.92
11.0	1438	1.0				0.42	1.9			8.0	7.6	96.5			0.10	9.3	1.0		21.49	20.44	14.38
11.0	1438	2.0				0.44	2.0			8.0	7.6	96.2			0.11	10.0			22.33	20.10	15.10
11.0	1438	3.0				0.46	2.0			8.0	7.7	96.7			0.14	11.5			22.98	19.88	15.65
11.0	1438	4.0				0.47	2.1			8.1	7.7	97.5			0.14	11.7			23.58	19.81	16.13
11.0	1438	5.0				0.46	2.0			8.1	7.7	98.2			0.11	9.8			24.41	19.80	16.76
11.0	1438	6.0				0.44	2.0			8.1	7.8	98.4			0.08	8.5			24.35	19.79	16.71
11.0	1438	7.0				0.43	1.9			8.1	7.7	98.3			0.07	8.2			24.35	19.78	16.72
11.0	1438	8.0				0.42	1.9			8.2	7.8	98.7			0.08	8.4			24.41	19.75	16.77
11.0	1438	9.0				0.43	1.9			8.2	7.8	98.9			0.07	8.0			24.71	19.76	16.99
11.0	1438	10.0				0.46	2.0			8.1	7.8	98.8			0.07	8.0			25.00	19.76	17.22
11.0	1438	11.0				0.51	2.2			8.2	7.8	99.0			0.07	8.0			25.29	19.71	17.45
11.0	1438	12.0				0.56	2.4			8.2	7.8	99.5			0.08	8.2			25.52	19.69	17.62
11.0	1438	13.0				0.60	2.6			8.2	7.8	99.8			0.08	8.5			25.62	19.70	17.70
11.0	1438	14.0				0.64	2.7			8.2	7.8	100.0			0.07	8.1			25.75	19.70	17.80
11.0	1438	15.0				0.65	2.8			8.2	7.8	100.1			0.06	7.7			26.03	19.67	18.02
11.0	1438	16.0				0.65	2.8			8.3	7.8	100.3			0.06	7.4			26.15	19.66	18.11
11.0	1438	17.0				0.66	2.8			8.3	7.9	100.4			0.05	7.0			26.16	19.66	18.12

North San Francisco Bay

30 August 1994

94242

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	1438	18.0			0.66	2.8		8.3	7.9	100.4		0.05	6.8		26.16	19.66	18.12
11.0	1438	19.0			0.65	2.8		8.3	7.9	100.5		0.06	7.4		26.17	19.65	18.13
11.0	1438	20.0			0.65	2.8		8.3	7.9	100.5		0.07	8.1		26.18	19.64	18.14
11.0	1438	21.0			0.65	2.8		8.3	7.9	100.6		0.08	8.7		26.18	19.64	18.14
12.0	1421	1.0			0.62	2.7		8.1	7.7	98.5		0.39	23.9	2.1	24.65	19.90	16.92
12.0	1421	2.0			0.62	2.7		8.1	7.7	98.0		0.38	23.3		24.66	19.85	16.93
12.0	1421	3.0			0.61	2.6		8.0	7.7	97.5		0.38	23.5		24.77	19.76	17.03
12.0	1421	4.0			0.62	2.7		8.0	7.7	98.0		0.42	25.2		25.79	19.63	17.85
12.0	1421	5.0			0.67	2.9		8.0	7.7	98.2		0.73	40.5		26.26	19.71	18.18
12.0	1421	6.0			0.72	3.1		8.0	7.7	98.5		1.37	72.1		26.31	19.68	18.23
12.0	1421	7.0			0.73	3.1		8.1	7.7	98.7		2.14	110.1		26.40	19.65	18.30
12.0	1421	8.0			0.68	2.9		8.1	7.7	99.0		1.99	102.9		26.49	19.62	18.38
12.0	1421	9.0			0.60	2.6		8.2	7.8	99.5		1.63	85.1		26.68	19.57	18.54
12.0	1421	10.0			0.54	2.3		8.1	7.8	99.3		1.10	58.7		26.78	19.56	18.61
12.0	1421	11.0			0.51	2.2		8.1	7.7	99.1		0.75	41.8		26.89	19.55	18.70
12.0	1421	12.0			0.51	2.2		8.1	7.7	99.3		0.66	37.0		26.99	19.56	18.78
13.0	1327	1.0			0.60	2.6		8.2	7.8	101.0		0.02	5.6		27.92	19.62	19.47
13.0	1327	2.0	2.4	0.88	0.63	2.7	7.7	8.2	7.8	100.4	5.9	0.02	5.6		27.95	19.58	19.50
13.0	1327	3.0			0.71	3.0		8.2	7.8	100.2		0.02	5.6		28.06	19.47	19.61
13.0	1327	4.0			0.77	3.3		8.2	7.8	100.0		0.03	5.9		28.20	19.36	19.75
13.0	1327	5.0			0.75	3.2		8.1	7.8	99.8		0.03	5.9		28.32	19.26	19.86
13.0	1327	6.0			0.68	2.9		8.1	7.7	99.3		0.03	5.9		28.40	19.17	19.95
13.0	1327	7.0			0.59	2.5		8.1	7.7	98.9		0.04	6.3		28.50	19.05	20.05
13.0	1327	8.0			0.52	2.2		8.1	7.7	98.8		0.04	6.2		28.59	18.98	20.13
13.0	1327	9.0			0.47	2.1		8.1	7.7	98.8		0.04	6.4		28.65	18.95	20.19
13.0	1327	10.0	1.8	0.87	0.47	2.1		8.1	7.7	98.9		0.04	6.3		28.67	18.94	20.20
14.0	1309	1.0			0.74	3.1		8.2	7.8	100.9		0.03	5.8	0.6	28.75	19.33	20.17
14.0	1309	2.0			0.78	3.3		8.2	7.8	100.6		0.02	5.7		28.91	19.13	20.34
14.0	1309	3.0			0.82	3.5		8.3	7.9	100.8		0.02	5.4		29.01	18.99	20.45
14.0	1309	4.0			0.84	3.6		8.3	7.9	101.0		0.01	5.2		29.02	18.95	20.47

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CHL a	OXYG	OXYG	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
14.0	1309	5.0			0.85	3.6		8.3	7.9	100.9			0.01	5.3		29.02	18.95	20.47
14.0	1309	6.0			0.86	3.6		8.3	7.9	101.0			0.01	5.1		29.03	18.92	20.49
14.0	1309	7.0			0.87	3.7		8.3	7.9	100.9			0.01	5.3		29.03	18.91	20.49
14.0	1309	8.0			0.87	3.7		8.3	7.9	100.9			0.01	5.2		29.03	18.89	20.50
14.0	1309	9.0			0.86	3.6		8.3	7.9	100.7			0.01	5.3		29.04	18.87	20.50
14.0	1309	10.0			0.82	3.5		8.3	7.8	100.5			0.01	5.3		29.04	18.85	20.51
14.0	1309	11.0			0.76	3.2		8.3	7.8	100.4			0.01	5.3		29.04	18.81	20.52
14.0	1309	12.0			0.68	2.9		8.2	7.8	99.8			0.02	5.4		29.06	18.80	20.54
14.0	1309	13.0			0.67	2.9		8.2	7.8	100.2			0.02	5.4		29.14	18.75	20.61
15.0	1248	1.0			0.96	4.0		8.3	7.9	101.5			0.03	5.8	1.0	28.81	19.38	20.20
15.0	1248	2.0	4.1	0.87	1.02	4.3	7.9	8.3	7.9	101.5		6.1	0.03	5.7		29.00	19.20	20.39
15.0	1248	3.0			1.03	4.3		8.3	7.9	101.7			0.03	5.7		29.11	19.09	20.50
15.0	1248	4.0			1.00	4.2		8.4	7.9	101.7			0.02	5.7		29.17	19.06	20.56
15.0	1248	5.0			0.98	4.1		8.3	7.9	101.4			0.02	5.7		29.19	19.04	20.58
15.0	1248	6.0			0.92	3.9		8.1	7.7	99.0			0.02	5.6		29.28	18.96	20.67
15.0	1248	7.0			0.80	3.4		8.0	7.7	98.4			0.02	5.6		29.78	18.51	21.16
15.0	1248	8.0			0.71	3.0		8.1	7.7	98.6			0.02	5.4		29.88	18.41	21.25
15.0	1248	9.0			0.66	2.8		8.1	7.7	98.7			0.02	5.4		29.87	18.39	21.25
15.0	1248	10.0			0.62	2.7		8.1	7.7	98.6			0.01	5.3		29.89	18.36	21.28
15.0	1248	11.0			0.58	2.5		8.1	7.7	98.5			0.01	5.1		29.94	18.33	21.32
15.0	1248	12.0			0.56	2.4		8.1	7.7	98.5			0.01	5.1		29.97	18.30	21.35
15.0	1248	13.0			0.56	2.4		8.1	7.7	98.4			0.01	5.1		30.00	18.29	21.38
15.0	1248	14.0			0.56	2.4		8.1	7.7	98.4			0.01	5.0		30.02	18.27	21.40
15.0	1248	15.0			0.55	2.4		8.1	7.7	98.4			0.01	5.2		30.02	18.26	21.40
15.0	1248	16.0			0.54	2.4		8.1	7.7	98.2			0.01	5.2		30.03	18.25	21.41
15.0	1248	17.0			0.54	2.4		8.1	7.7	98.2			0.01	5.3		30.05	18.25	21.43
15.0	1248	18.0			0.55	2.4		8.1	7.7	98.3			0.02	5.4		30.07	18.23	21.45
15.0	1248	19.0			0.57	2.5		8.1	7.7	98.2			0.02	5.4		30.08	18.23	21.46
15.0	1248	20.0			0.58	2.5		8.1	7.7	98.2			0.02	5.3		30.10	18.22	21.47
15.0	1248	21.0			0.60	2.6		8.0	7.7	97.8			0.02	5.4		30.12	18.20	21.49
15.0	1248	22.0			0.61	2.6		8.0	7.7	97.9			0.03	5.7		30.22	18.15	21.58
15.0	1248	23.0	2.6	0.81	0.60	2.6		8.0	7.7	97.9			0.09	9.1		30.26	18.13	21.62

North San Francisco Bay

30 August 1994

94242

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
16.0	1222	1.0			0.82	3.5		7.8	7.5	96.9		0.02	5.5	29.76	18.88	21.05
16.0	1222	2.0			0.90	3.8		7.7	7.5	95.3		0.02	5.5	30.27	18.25	21.60
16.0	1222	3.0			0.99	4.2		8.0	7.6	96.8		0.01	5.3	31.06	17.65	22.34
16.0	1222	4.0			1.01	4.2		8.0	7.6	96.7		0.01	5.1	31.06	17.64	22.34
16.0	1222	5.0			0.99	4.2		8.0	7.7	97.3		0.01	4.9	31.27	17.47	22.54
16.0	1222	6.0			0.90	3.8		8.0	7.6	96.7		0.00	4.7	31.40	17.44	22.65
16.0	1222	7.0			0.77	3.3		7.9	7.6	96.2		-0.00	4.5	31.53	17.34	22.77
16.0	1222	8.0			0.68	2.9		7.9	7.6	96.2		-0.00	4.4	31.58	17.28	22.83
16.0	1222	9.0			0.62	2.7		7.9	7.6	96.2		-0.01	4.2	31.59	17.26	22.84
16.0	1222	10.0			0.59	2.6		7.9	7.6	96.2		-0.00	4.4	31.60	17.25	22.84
16.0	1222	11.0			0.58	2.5		7.9	7.6	96.2		0.00	4.6	31.60	17.25	22.85
16.0	1222	12.0			0.58	2.5		8.0	7.6	96.3		0.01	4.9	31.60	17.26	22.85
16.0	1222	13.0			0.58	2.5		8.0	7.6	96.4		0.01	5.3	31.60	17.26	22.85
18.0	1136	1.0			0.43	1.9		7.6	7.4	92.3		0.00	4.6	32.18	16.55	23.46
18.0	1136	2.0	3.3	0.82	0.44	1.9	7.3	7.6	7.4	91.6	3.9	0.00	4.7	32.28	16.40	23.57
18.0	1136	3.0			0.45	2.0		7.5	7.3	91.3		0.00	4.5	32.35	16.28	23.65
18.0	1136	4.0			0.45	2.0		7.6	7.4	91.4		0.00	4.6	32.40	16.20	23.70
18.0	1136	5.0			0.44	1.9		7.6	7.4	91.4		0.01	4.9	32.40	16.18	23.71
18.0	1136	6.0			0.43	1.9		7.6	7.4	91.3		0.01	5.1	32.42	16.15	23.73
18.0	1136	7.0			0.42	1.9		7.6	7.4	91.4		0.01	4.8	32.42	16.12	23.74
18.0	1136	8.0			0.42	1.9		7.6	7.4	91.4		0.01	5.0	32.42	16.13	23.74
18.0	1136	9.0			0.41	1.8		7.6	7.4	91.3		0.01	4.9	32.43	16.12	23.74
18.0	1136	10.0			0.40	1.8		7.6	7.4	91.3		0.01	4.9	32.44	16.10	23.75
18.0	1136	11.0			0.41	1.8		7.6	7.4	91.2		0.00	4.7	32.44	16.09	23.76
18.0	1136	12.0			0.42	1.8		7.6	7.4	91.2		0.00	4.5	32.46	16.05	23.78
18.0	1136	13.0			0.41	1.8		7.6	7.4	91.2		-0.00	4.3	32.46	16.05	23.79
18.0	1136	14.0			0.41	1.8		7.6	7.4	91.1		-0.00	4.4	32.47	16.04	23.79
18.0	1136	15.0			0.41	1.8		7.6	7.4	91.2		-0.00	4.3	32.47	16.03	23.80
18.0	1136	16.0			0.41	1.8		7.6	7.4	91.1		-0.01	4.1	32.47	16.03	23.80
18.0	1136	17.0			0.40	1.8		7.6	7.4	91.0		-0.00	4.3	32.48	16.00	23.81
18.0	1136	18.0			0.39	1.8		7.6	7.4	91.1		-0.00	4.4	32.48	15.99	23.82
18.0	1136	19.0			0.40	1.8		7.6	7.4	91.1		0.00	4.6	32.49	15.99	23.82

STN	TIME	DEPTH	DISCR	CHL a/ CHL a + PHA	FLUOR	CALC	DISCR	OXYG	CALC	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
18.0	1136	20.0			0.41	1.8		7.5	7.3	90.9		0.00	4.8		32.49	15.99	23.82
18.0	1136	21.0			0.40	1.8		7.5	7.3	90.9		0.01	4.9		32.50	15.96	23.83
18.0	1136	22.0			0.41	1.8		7.5	7.3	90.7		0.01	5.1		32.50	15.95	23.84
18.0	1136	23.0			0.43	1.9		7.5	7.3	90.7		0.01	5.2		32.50	15.95	23.84
18.0	1136	24.0			0.44	1.9		7.5	7.3	90.7		0.02	5.3		32.50	15.95	23.84
18.0	1136	25.0			0.43	1.9		7.5	7.3	90.6		0.02	5.3		32.50	15.95	23.84
18.0	1136	26.0			0.43	1.9		7.5	7.3	90.6		0.02	5.3		32.50	15.95	23.84
18.0	1136	27.0			0.43	1.9		7.5	7.3	90.6		0.02	5.3		32.50	15.95	23.84
18.0	1136	28.0			0.43	1.9		7.5	7.3	90.5		0.02	5.6		32.50	15.95	23.84
18.0	1136	29.0			0.44	1.9		7.5	7.3	90.6		0.02	5.5		32.50	15.95	23.84
18.0	1136	30.0			0.43	1.9		7.5	7.3	90.5		0.02	5.6		32.50	15.95	23.84
18.0	1136	31.0			0.45	2.0		7.5	7.3	90.5		0.02	5.6		32.50	15.95	23.84
18.0	1136	32.0	2.2	0.61	0.45	2.0		7.5	7.3	90.6		0.04	6.3		32.50	15.95	23.84

n	r ²	Slope	Inter.	Std. Err.
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Fluorometer Calibration:

OBS Calibration:

Dissolved Oxygen Calibration:

16	0.687	4.009	0.183	0.537
8	0.927	49.335	4.516	0.958
7	0.945	0.685	2.181	0.090

Seabird v4.026

Non-standard stations: San Francisco Bay

31 August 1994

94243

STN	TIME	DEPTH	DISCR		CHL a/ a+PHA	FLUOR	CALC		DISCR	OXYG	CALC	% OXY	DISCR	OBS	SPM	CALC	EXCOF	SALIN	TEMP	SIGT
			CHL a	CHL a																
28.5	1646	1.0				0.74	3.2		7.6	7.4	100.7		0.10	9.6	1.3	31.66		21.29	21.88	
28.5	1646	2.0				0.76	3.2		7.6	7.4	100.8		0.10	9.4		31.66		21.31	21.87	
28.5	1646	3.0				0.75	3.2		7.6	7.4	100.6		0.10	9.3		31.67		21.30	21.88	
28.5	1646	4.0				0.74	3.2		7.6	7.4	100.6		0.10	9.4		31.66		21.28	21.88	
28.5	1646	5.0				0.73	3.1		7.6	7.4	100.5		0.10	9.4		31.66		21.27	21.89	
28.5	1646	6.0				0.72	3.1		7.5	7.3	99.3		0.10	9.4		31.67		21.26	21.89	
28.5	1646	7.0				0.65	2.8		7.4	7.2	98.0		0.10	9.4		31.67		21.11	21.94	
28.5	1646	8.0				0.55	2.4		7.3	7.2	97.3		0.12	10.2		31.67		20.88	22.00	
28.5	1646	9.0				0.49	2.2		7.4	7.2	97.3		0.14	11.2		31.67		20.75	22.03	
28.5	1646	10.0				0.48	2.1		7.4	7.2	97.4		0.17	12.7		31.67		20.74	22.03	
28.5	1646	11.0				0.48	2.1		7.4	7.2	97.5		0.17	12.7		31.67		20.74	22.03	
28.5	1646	12.0				0.48	2.1		7.4	7.2	97.5		0.18	13.2		31.67		20.74	22.03	
28.5	1646	13.0				0.49	2.1		7.4	7.2	97.4		0.19	13.9		31.67		20.74	22.03	
28.5	1646	14.0				0.49	2.1		7.4	7.2	97.3		0.20	14.5		31.67		20.74	22.03	
28.5	1646	15.0				0.49	2.1		7.4	7.2	97.5		0.21	14.7		31.67		20.74	22.03	
757	0708	1.0				0.50	2.2						0.18	13.4	1.5	0.57		21.91	0.00	
757	0708	2.0	3.0	0.61		0.49	2.1	8.1				6.7	0.17	12.8		0.57		21.91	0.00	
757	0708	3.0				0.47	2.1						0.17	13.0		0.58		21.91	0.00	
757	0708	4.0				0.46	2.0						0.18	13.2		0.58		21.91	0.00	
757	0708	5.0				0.49	2.1						0.18	13.4		0.58		21.92	0.00	
757	0708	6.0				0.50	2.2						0.17	13.0		0.58		21.92	0.00	
757	0708	7.0				0.51	2.2						0.17	12.7		0.58		21.92	0.00	
757	0708	8.0				0.52	2.3						0.17	12.7		0.58		21.92	0.00	
757	0708	9.0				0.52	2.3						0.17	12.9		0.58		21.92	0.00	
757	0708	10.0				0.52	2.3						0.18	13.4		0.59		21.91	0.00	
757	0708	11.0	2.8	0.57		0.52	2.3						0.19	13.9		0.59		21.91	0.00	
753	0732	1.0				0.42	1.9						0.12	10.3	1.4	0.81		21.94	0.00	
753	0732	2.0				0.42	1.9						0.12	10.3		0.81		21.95	0.00	
753	0732	3.0				0.42	1.9						0.12	10.5		0.81		21.95	0.00	
753	0732	4.0				0.42	1.8						0.12	10.4		0.82		21.95	0.00	
753	0732	5.0				0.41	1.8						0.12	10.5		0.82		21.95	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 SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
753	0732	6.0			0.42	1.9						0.12	10.5		0.82	21.95	0.00
753	0732	7.0			0.42	1.9						0.12	10.5		0.82	21.95	0.00
753	0732	8.0			0.43	1.9						0.13	10.8		0.82	21.95	0.00
753	0732	9.0			0.44	2.0						0.13	10.7		0.82	21.95	0.00
753	0732	10.0			0.44	1.9						0.12	10.6		0.82	21.95	0.00
753	0732	11.0			0.44	1.9						0.13	10.8		0.82	21.95	0.00
747	0804	1.0			0.35	1.6		8.6	8.1	93.6		0.16	12.2	1.5	2.27	21.91	0.00
747	0804	2.0			0.35	1.6		8.6	8.1	93.7		0.15	12.1		2.27	21.91	0.00
747	0804	3.0			0.35	1.6		8.6	8.1	93.7		0.15	12.0		2.27	21.91	0.00
747	0804	4.0			0.35	1.6		8.6	8.1	93.7		0.16	12.2		2.29	21.90	0.00
747	0804	5.0			0.35	1.6		8.6	8.1	93.9		0.16	12.5		2.29	21.90	0.00
747	0804	6.0			0.36	1.6		8.6	8.1	93.9		0.17	12.7		2.29	21.90	0.00
747	0804	7.0			0.36	1.6		8.6	8.1	94.0		0.17	12.7		2.29	21.90	0.00
747	0804	8.0			0.36	1.6		8.6	8.1	94.0		0.16	12.6		2.29	21.90	0.00
747	0804	9.0			0.36	1.6		8.6	8.1	94.0		0.17	12.7		2.30	21.90	0.00
747	0804	10.0			0.36	1.6		8.6	8.1	93.9		0.18	13.5		2.31	21.90	0.00
041	0852	1.0			0.37	1.7		8.7	8.2	94.6		0.13	10.7	1.3	4.64	21.14	1.49
041	0852	2.0			0.36	1.6		8.7	8.1	94.4		0.12	10.3		4.71	21.15	1.54
041	0852	3.0			0.35	1.6		8.7	8.1	94.2		0.12	10.5		4.78	21.11	1.60
041	0852	4.0			0.34	1.5		8.7	8.1	94.2		0.13	10.9		4.84	21.05	1.66
041	0852	5.0			0.32	1.5		8.7	8.1	93.9		0.13	11.1		4.93	21.01	1.73
041	0852	6.0			0.31	1.4		8.7	8.1	93.9		0.14	11.4		4.98	20.93	1.79
041	0852	7.0			0.30	1.4		8.7	8.1	94.2		0.15	12.1		5.14	20.85	1.92
061	1004	1.0			0.33	1.5		8.7	8.1	96.5		0.19	13.9	1.5	10.59	20.69	6.08
061	1004	2.0			0.33	1.5		8.7	8.1	96.6		0.20	14.5		10.73	20.69	6.18
061	1004	3.0			0.34	1.5		8.7	8.1	96.7		0.19	14.1		10.87	20.69	6.29
061	1004	4.0			0.34	1.5		8.7	8.1	96.8		0.19	14.1		10.88	20.69	6.30
061	1004	5.0			0.34	1.6		8.7	8.1	96.8		0.19	13.8		10.90	20.69	6.32
061	1004	6.0			0.34	1.5		8.7	8.1	96.9		0.19	13.8		10.90	20.69	6.32
061	1004	7.0			0.34	1.5		8.7	8.1	96.8		0.19	14.0		10.90	20.69	6.32

STN	TIME	DEPTH	DISCR	CHL a/ CHL a + PHA	FLUOR	CALC	DISCR	CALC	OXYG	% OXY	DISCR	CALC	SPM	EXCOF	SALIN	TEMP	SIGT
061	1004	8.0			0.34	1.5		8.7	8.1	96.9		0.18	13.4		10.90	20.69	6.32
081	1004	1.0			0.36	1.6		8.3	7.9	96.9		0.15	12.1	1.2	17.58	20.31	11.46
081	1004	2.0			0.36	1.6		8.3	7.8	96.4		0.16	12.2		17.63	20.26	11.50
081	1004	3.0			0.33	1.5		8.2	7.8	96.1		0.16	12.2		17.75	20.17	11.61
081	1004	4.0			0.31	1.4		8.2	7.8	96.2		0.17	13.1		18.11	20.10	11.91
081	1004	5.0			0.31	1.4		8.2	7.8	96.3		0.18	13.5		18.38	20.08	12.12
081	1004	6.0			0.31	1.4		8.2	7.8	96.5		0.18	13.4		18.59	20.07	12.28
081	1004	7.0			0.32	1.4		8.2	7.8	96.5		0.18	13.2		18.60	20.07	12.29
081	1004	8.0			0.33	1.5		8.3	7.8	96.7		0.18	13.2		18.65	20.06	12.33
081	1004	9.0			0.35	1.6		8.3	7.8	96.8		0.17	12.7		18.71	20.07	12.37
081	1004	10.0			0.35	1.6		8.2	7.8	96.5		0.19	14.1		19.01	20.06	12.60
081	1004	11.0			0.34	1.5		8.2	7.8	96.4		0.36	22.3		19.44	20.00	12.94
081	1004	12.0			0.34	1.5		8.2	7.8	96.4		0.47	27.5		19.69	19.97	13.13
081	1004	13.0			0.34	1.6		8.2	7.8	96.5		0.50	29.4		19.75	19.97	13.18
081	1004	14.0			0.35	1.6		8.2	7.8	96.6		0.63	35.6		19.76	19.97	13.18
081	1004	15.0			0.35	1.6		8.2	7.8	96.4		0.65	36.7		19.75	19.97	13.18
081	1004	16.0			0.36	1.6		8.2	7.8	96.6		0.80	43.7		19.73	19.98	13.16

	n	r ²	Slope	Inter.	Std. Err.
Fluorometer Calibration:	16	0.687	4.009	0.183	0.537
OBS Calibration:	8	0.927	49.335	4.516	0.958
Dissolved Oxygen Calibration:	7	0.945	0.685	2.181	0.090

North Bay regression coefficients were used for all three calibrations.
SeaBird v4.026

STN	TIME	DEPTH	DISCR		CHL a/ a+PHA	FLUOR	CALC		DISCR		CALC		% OXY	DISCR		CALC		EXCOF	SALIN	TEMP	SIGT
			CHL a	CHL b			CHL a	OXYG	CHL a	OXYG	OXYG	OXYG		OBS	SPM						
36.0	0720	1.0				1.38	6.2		6.7	6.8	90.7		0.22	11.1	1.5	30.14	20.98	20.81			
36.0	0720	2.0	6.0	0.77		1.38	6.2	6.7	6.7	6.8	91.2	8.4	0.22	11.2		30.14	20.98	20.81			
36.0	0720	3.0				1.39	6.2		6.7	6.8	91.4		0.22	11.2		30.27	21.05	20.88			
36.0	0720	4.0				1.42	6.4		6.7	6.8	91.4		0.23	11.6		30.29	21.07	20.89			
36.0	0720	5.0				1.44	6.5		6.7	6.8	91.5		0.24	11.7		30.30	21.08	20.90			
36.0	0720	6.0				1.44	6.5		6.7	6.8	91.5		0.24	11.9		30.30	21.08	20.90			
36.0	0720	7.0				1.45	6.5		6.7	6.8	91.5		0.25	12.0		30.35	21.10	20.93			
36.0	0720	8.0	6.2	0.77		1.45	6.5		6.7	6.8	91.5		0.26	12.4		30.36	21.11	20.94			
35.0	0735	1.0				1.45	6.5		6.8	6.9	92.2		0.16	8.8	1.5	30.56	20.92	21.14			
35.0	0735	2.0				1.44	6.5		6.8	6.9	92.6		0.15	8.7		30.58	20.95	21.15			
35.0	0735	3.0				1.43	6.4		6.8	6.9	92.8		0.16	8.9		30.62	20.98	21.17			
35.0	0735	4.0				1.44	6.5		6.9	6.9	93.0		0.17	9.3		30.66	20.99	21.19			
35.0	0735	5.0				1.47	6.6		6.9	6.9	93.2		0.18	9.5		30.68	21.00	21.21			
35.0	0735	6.0				1.49	6.7		6.9	6.9	93.3		0.17	9.3		30.69	21.00	21.22			
35.0	0735	7.0				1.49	6.7		6.9	6.9	93.3		0.17	9.5		30.71	21.00	21.23			
35.0	0735	8.0				1.47	6.6		6.9	6.9	93.4		0.17	9.4		30.77	20.98	21.28			
35.0	0735	9.0				1.46	6.6		6.9	6.9	93.5		0.16	8.9		30.89	20.98	21.37			
34.0	0745	1.0				1.36	6.1		7.1	7.1	95.7		0.12	7.4	1.3	31.10	20.87	21.57			
34.0	0745	2.0				1.35	6.1		7.1	7.1	95.9		0.12	7.4		31.13	20.95	21.56			
34.0	0745	3.0				1.32	5.9		7.1	7.1	95.8		0.14	8.1		31.15	21.00	21.57			
34.0	0745	4.0				1.29	5.8		7.1	7.1	95.8		0.15	8.7		31.17	21.02	21.58			
34.0	0745	5.0				1.28	5.8		7.1	7.1	95.8		0.18	9.6		31.17	21.02	21.58			
34.0	0745	6.0				1.32	5.9		7.1	7.1	95.9		0.18	9.6		31.17	21.01	21.58			
34.0	0745	7.0				1.35	6.1		7.1	7.1	95.9		0.19	9.9		31.18	21.00	21.59			
34.0	0745	8.0				1.38	6.2		7.1	7.1	96.0		0.19	9.8		31.20	21.00	21.60			
34.0	0745	9.0				1.38	6.2		7.1	7.1	96.0		0.19	10.1		31.21	20.99	21.61			
33.0	0800	1.0				1.45	6.5		7.3	7.3	98.5		0.10	7.0	1.4	31.42	20.80	21.83			
33.0	0800	2.0				1.44	6.4		7.3	7.3	98.8		0.12	7.4		31.48	20.85	21.86			
33.0	0800	3.0				1.43	6.4		7.3	7.3	99.0		0.13	8.0		31.49	20.85	21.87			
33.0	0800	4.0				1.44	6.5		7.3	7.3	99.0		0.15	8.6		31.50	20.85	21.87			

South San Francisco Bay

SEPTEMBER 27, 1994

94270

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CALC	CHL a	OXYG	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
33.0	0800	5.0			1.45	6.5		7.3	7.3	7.3	99.1		0.16	8.9		31.50	20.85	21.87
33.0	0800	6.0			1.48	6.6		7.3	7.3	7.3	99.1		0.16	9.0		31.50	20.85	21.87
33.0	0800	7.0			1.48	6.7		7.3	7.3	7.3	99.0		0.16	9.1		31.52	20.85	21.89
33.0	0800	8.0			1.48	6.6		7.3	7.3	7.3	99.0		0.17	9.2		31.54	20.87	21.90
33.0	0800	9.0			1.47	6.6		7.3	7.3	7.3	99.0		0.18	9.5		31.55	20.87	21.91
33.0	0800	10.0			1.45	6.5		7.3	7.3	7.3	98.9		0.19	10.0		31.56	20.88	21.91
33.0	0800	11.0			1.41	6.3		7.3	7.3	7.3	98.5		0.21	10.6		31.58	20.89	21.92
33.0	0800	12.0			1.37	6.1		7.3	7.3	7.3	98.4		0.22	11.0		31.59	20.89	21.93
33.0	0800	13.0			1.37	6.2		7.3	7.3	7.3	98.5		0.24	11.7		31.60	20.88	21.94
32.0	0812	1.0			1.02	4.5		7.0	7.1	7.1	95.2		0.16	8.8	1.5	31.68	20.77	22.03
32.0	0812	2.0	5.0	0.76	1.02	4.6	7.1	7.0	7.1	7.1	95.1	10.9	0.16	8.8		31.68	20.77	22.03
32.0	0812	3.0			1.02	4.5		7.0	7.1	7.1	95.2		0.16	8.8		31.68	20.77	22.03
32.0	0812	4.0			1.01	4.5		7.0	7.1	7.1	95.3		0.16	8.8		31.68	20.77	22.03
32.0	0812	5.0			1.01	4.5		7.0	7.1	7.1	95.3		0.15	8.7		31.68	20.77	22.03
32.0	0812	6.0			1.01	4.5		7.0	7.1	7.1	95.3		0.16	8.8		31.68	20.77	22.03
32.0	0812	7.0			1.01	4.5		7.0	7.1	7.1	95.3		0.16	9.0		31.68	20.77	22.03
32.0	0812	8.0			1.01	4.5		7.0	7.1	7.1	95.2		0.16	9.1		31.68	20.77	22.03
32.0	0812	9.0			1.01	4.5		7.0	7.1	7.1	95.3		0.17	9.3		31.68	20.77	22.03
32.0	0812	10.0			1.01	4.5		7.0	7.1	7.1	95.3		0.17	9.5		31.68	20.76	22.03
32.0	0812	11.0			1.01	4.5		7.0	7.1	7.1	95.3		0.17	9.4		31.68	20.76	22.04
32.0	0812	12.0			1.01	4.5		7.0	7.1	7.1	95.3		0.17	9.2		31.68	20.76	22.04
32.0	0812	13.0	4.4	0.75	1.01	4.5		7.0	7.1	7.1	95.4		0.18	9.5		31.68	20.76	22.04
31.0	0826	1.0			0.91	4.1		6.9	7.0	7.0	93.8		0.15	8.5	1.4	31.72	20.76	22.07
31.0	0826	2.0			0.91	4.0		6.9	7.0	7.0	93.9		0.15	8.7		31.73	20.75	22.07
31.0	0826	3.0			0.91	4.0		6.9	7.0	7.0	93.9		0.15	8.7		31.73	20.75	22.07
31.0	0826	4.0			0.91	4.0		6.9	7.0	7.0	94.0		0.16	8.8		31.73	20.76	22.07
31.0	0826	5.0			0.91	4.0		6.9	7.0	7.0	93.9		0.16	8.8		31.73	20.76	22.07
31.0	0826	6.0			0.90	4.0		6.9	7.0	7.0	94.0		0.16	8.8		31.73	20.76	22.07
31.0	0826	7.0			0.91	4.1		6.9	7.0	7.0	94.0		0.16	8.8		31.73	20.76	22.07
31.0	0826	8.0			0.92	4.1		6.9	7.0	7.0	94.0		0.16	8.8		31.73	20.76	22.07
31.0	0826	9.0			0.92	4.1		6.9	7.0	7.0	94.0		0.16	9.0		31.73	20.77	22.07

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CHL a	OXYG	CALC	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
30.0	0846	1.0			0.72	3.2			6.8	6.8	92.0		0.13	7.7	1.3	31.83	20.51	22.22
30.0	0846	2.0	4.1	0.75	0.71	3.1	6.8		6.8	6.8	91.7	6.8	0.13	7.7		31.84	20.50	22.23
30.0	0846	3.0			0.67	2.9			6.7	6.8	91.5		0.13	7.7		31.87	20.48	22.25
30.0	0846	4.0			0.64	2.8			6.8	6.8	91.7		0.13	7.9		31.87	20.48	22.25
30.0	0846	5.0			0.63	2.8			6.8	6.8	91.7		0.14	8.3		31.87	20.48	22.25
30.0	0846	6.0			0.62	2.7			6.8	6.8	91.9		0.16	8.8		31.87	20.48	22.25
30.0	0846	7.0			0.62	2.7			6.8	6.8	91.9		0.17	9.3		31.87	20.47	22.25
30.0	0846	8.0			0.62	2.7			6.8	6.8	92.0		0.17	9.5		31.87	20.47	22.26
30.0	0846	9.0			0.62	2.7			6.8	6.9	92.1		0.18	9.7		31.87	20.47	22.26
30.0	0846	10.0			0.62	2.7			6.8	6.9	92.1		0.18	9.6		31.87	20.46	22.26
30.0	0846	11.0			0.61	2.7			6.8	6.9	92.2		0.18	9.7		31.87	20.46	22.26
30.0	0846	12.0			0.61	2.7			6.8	6.9	92.0		0.18	9.6		31.87	20.46	22.26
30.0	0846	13.0	2.2	0.59	0.61	2.7			6.8	6.9	92.1		0.16	9.1		31.87	20.46	22.26
29.5	0931	1.0			0.55	2.4			6.4	6.5	86.8		0.07	5.9	1.1	31.86	20.43	22.26
29.5	0931	2.0			0.53	2.3			6.3	6.4	86.0		0.07	5.9		31.86	20.40	22.27
29.5	0931	3.0			0.51	2.2			6.2	6.4	85.3		0.07	5.9		31.86	20.37	22.27
29.5	0931	4.0			0.50	2.2			6.2	6.3	84.6		0.08	6.1		31.86	20.37	22.28
29.5	0931	5.0			0.50	2.2			6.1	6.3	84.1		0.08	6.2		31.87	20.36	22.28
29.5	0931	6.0			0.50	2.2			6.1	6.3	83.8		0.09	6.3		31.88	20.34	22.30
29.5	0931	7.0			0.49	2.2			6.1	6.2	83.4		0.09	6.4		31.89	20.34	22.30
29.5	0931	8.0			0.49	2.2			6.1	6.2	83.3		0.09	6.5		31.89	20.34	22.31
29.5	0931	9.0			0.49	2.2			6.1	6.2	83.2		0.09	6.6		31.89	20.34	22.31
29.5	0931	10.0			0.48	2.1			6.0	6.2	82.9		0.09	6.6		31.90	20.34	22.31
29.5	0931	11.0			0.48	2.1			6.0	6.2	82.7		0.10	6.7		31.90	20.33	22.31
29.5	0931	12.0			0.47	2.1			6.0	6.2	82.7		0.10	6.9		31.90	20.33	22.32
29.5	0931	13.0			0.47	2.1			6.0	6.2	82.7		0.10	6.9		31.91	20.31	22.32
29.5	0931	14.0			0.47	2.0			6.0	6.2	82.7		0.10	7.0		31.91	20.30	22.33
29.5	0931	15.0			0.47	2.0			6.0	6.2	82.8		0.11	7.1		31.91	20.30	22.33
29.5	0931	16.0			0.47	2.0			6.1	6.2	82.9		0.11	7.2		31.91	20.30	22.33
29.0	0948	1.0			0.47	2.0			6.3	6.5	86.4		0.07	5.6	1.0	31.91	20.33	22.32
29.0	0948	2.0			0.47	2.0			6.3	6.4	86.1		0.07	5.7		31.91	20.33	22.32

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STN	TIME	DEPTH	DISCR	CHL a/	FLUOR	CALC	DISCR	CALC	OXYG	OXYG	% OXY	DISCR	OBS	CALC	EXCOF	SALIN	TEMP	SIGT
			CHL a	a+PHA		CHL a	OXYG	OXYG			SAT	SPM		SPM				
29.0	0948	3.0			0.47	2.0	6.3	6.4	85.6				0.07	5.8		31.91	20.33	22.32
29.0	0948	4.0			0.48	2.1	6.2	6.3	85.0				0.08	6.0		31.90	20.34	22.32
29.0	0948	5.0			0.47	2.1	6.2	6.3	84.3				0.07	5.8		31.90	20.33	22.32
29.0	0948	6.0			0.45	2.0	6.1	6.3	83.8				0.07	5.8		31.91	20.32	22.32
29.0	0948	7.0			0.45	1.9	6.1	6.2	83.5				0.07	5.8		31.91	20.32	22.32
29.0	0948	8.0			0.45	1.9	6.1	6.2	83.2				0.07	5.8		31.91	20.33	22.32
29.0	0948	9.0			0.46	2.0	6.0	6.2	82.8				0.07	5.8		31.91	20.31	22.33
29.0	0948	10.0			0.46	2.0	6.0	6.2	82.7				0.08	5.9		31.92	20.27	22.35
29.0	0948	11.0			0.46	2.0	6.0	6.2	82.7				0.08	6.0		31.93	20.26	22.35
29.0	0948	12.0			0.46	2.0	6.0	6.2	82.7				0.08	6.1		31.93	20.26	22.36
29.0	0948	13.0			0.45	2.0	6.0	6.2	82.6				0.08	6.2		31.93	20.25	22.36
29.0	0948	14.0			0.45	2.0	6.0	6.2	82.6				0.09	6.4		31.93	20.25	22.36
29.0	0948	15.0			0.45	1.9	6.0	6.2	82.7				0.09	6.4		31.93	20.25	22.36
28.0	1003	1.0			0.49	2.1	6.4	6.5	87.3				0.07	5.8	1.1	31.94	20.21	22.38
28.0	1003	2.0			0.48	2.1	6.4	6.5	86.8				0.07	5.8		31.94	20.20	22.38
28.0	1003	3.0			0.44	1.9	6.3	6.4	86.1				0.07	5.9		31.94	20.19	22.38
28.0	1003	4.0			0.41	1.8	6.3	6.4	85.4				0.08	6.1		31.95	20.17	22.39
28.0	1003	5.0			0.40	1.7	6.2	6.3	84.7				0.08	6.2		31.96	20.14	22.41
28.0	1003	6.0			0.38	1.6	6.2	6.3	84.3				0.08	6.0		31.98	20.09	22.44
28.0	1003	7.0			0.36	1.5	6.2	6.3	83.9				0.07	5.7		32.00	20.04	22.46
28.0	1003	8.0			0.34	1.4	6.1	6.3	83.6				0.06	5.3		32.00	20.01	22.48
28.0	1003	9.0			0.33	1.4	6.1	6.3	83.4				0.05	5.2		32.01	19.99	22.48
28.0	1003	10.0			0.33	1.4	6.1	6.3	83.5				0.06	5.3		32.01	19.98	22.49
28.0	1003	11.0			0.33	1.4	6.1	6.2	83.3				0.06	5.4		32.01	19.98	22.49
28.0	1003	12.0			0.33	1.4	6.1	6.3	83.4				0.06	5.4		32.02	19.96	22.50
28.0	1003	13.0			0.32	1.4	6.1	6.3	83.5				0.07	5.6		32.02	19.93	22.51
28.0	1003	14.0			0.33	1.4	6.1	6.3	83.4				0.07	5.7		32.02	19.93	22.51
28.0	1003	15.0			0.33	1.4	6.1	6.3	83.5				0.07	5.8		32.02	19.92	22.51
28.0	1003	16.0			0.33	1.4	6.1	6.3	83.5				0.07	5.8		32.02	19.92	22.51
27.0	1016	1.0			0.48	2.1	6.4	6.5	87.1				0.08	6.2	1.1	31.98	20.10	22.43
27.0	1016	2.0	2.3	0.78	0.49	2.1	6.5	6.4	87.1			5.8	0.08	6.1		31.98	20.12	22.43

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PNA	FLUOR	CALC CHL a	DISCR OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
27.0	1016	3.0			0.47	2.1		6.3	6.5	86.2	0.08	6.1		31.98	20.12	22.43
27.0	1016	4.0			0.42	1.8		6.3	6.4	85.6	0.08	6.1		31.98	20.08	22.44
27.0	1016	5.0			0.39	1.7		6.2	6.4	84.9	0.09	6.4		31.99	20.05	22.46
27.0	1016	6.0			0.37	1.6		6.2	6.3	84.4	0.10	6.7		31.99	20.03	22.46
27.0	1016	7.0			0.35	1.5		6.2	6.3	83.9	0.09	6.6		32.00	20.01	22.47
27.0	1016	8.0			0.34	1.5		6.2	6.3	83.7	0.09	6.5		32.00	19.98	22.49
27.0	1016	9.0			0.33	1.4		6.1	6.3	83.5	0.09	6.4		32.01	19.96	22.49
27.0	1016	10.0			0.33	1.4		6.1	6.3	83.3	0.09	6.4		32.01	19.95	22.49
27.0	1016	11.0			0.32	1.4		6.1	6.3	83.5	0.09	6.4		32.01	19.95	22.50
27.0	1016	12.0			0.45	2.0		6.1	6.3	83.4	0.09	6.5		32.01	19.95	22.50
27.0	1016	13.0	1.2	0.66	0.50	2.2		6.1	6.2	83.1	0.71	28.4		32.01	19.95	22.49
26.0	1029	1.0			0.30	1.3		6.5	6.6	87.5	0.05	5.2	0.9	32.02	19.82	22.54
26.0	1029	2.0			0.29	1.2		6.5	6.6	87.4	0.06	5.4		32.02	19.81	22.54
26.0	1029	3.0			0.28	1.2		6.5	6.6	87.3	0.07	5.6		32.02	19.81	22.54
26.0	1029	4.0			0.28	1.2		6.4	6.5	86.8	0.07	5.9		32.02	19.81	22.54
26.0	1029	5.0			0.28	1.2		6.4	6.5	86.4	0.08	6.0		32.02	19.81	22.54
26.0	1029	6.0			0.27	1.2		6.4	6.5	86.2	0.08	6.1		32.02	19.80	22.54
26.0	1029	7.0			0.27	1.2		6.4	6.5	86.0	0.08	6.0		32.02	19.80	22.54
26.0	1029	8.0			0.28	1.2		6.4	6.5	86.0	0.08	6.1		32.02	19.80	22.54
26.0	1029	9.0			0.28	1.2		6.3	6.5	85.7	0.08	6.1		32.02	19.80	22.54
26.0	1029	10.0			0.28	1.2		6.3	6.4	85.6	0.08	6.1		32.02	19.80	22.54
26.0	1029	11.0			0.28	1.2		6.4	6.5	85.8	0.09	6.4		32.01	19.80	22.54
25.0	1043	1.0			0.37	1.6		6.5	6.6	88.2	0.05	5.0	0.9	32.01	19.83	22.52
25.0	1043	2.0			0.38	1.6		6.5	6.6	88.0	0.05	5.1		32.01	19.84	22.52
25.0	1043	3.0			0.37	1.6		6.5	6.6	87.7	0.06	5.3		32.01	19.84	22.52
25.0	1043	4.0			0.36	1.5		6.5	6.6	87.2	0.06	5.3		32.01	19.84	22.52
25.0	1043	5.0			0.35	1.5		6.4	6.5	86.6	0.06	5.3		32.01	19.84	22.52
25.0	1043	6.0			0.34	1.5		6.4	6.5	86.2	0.06	5.4		32.01	19.84	22.52
25.0	1043	7.0			0.33	1.4		6.3	6.4	85.6	0.06	5.5		32.01	19.84	22.52
25.0	1043	8.0			0.33	1.4		6.3	6.4	85.5	0.07	5.7		32.01	19.84	22.52

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24.0	1058	1.0			0.35	1.5		6.5	6.6	87.9	0.04	4.7	0.9	31.92	19.82	22.46				
24.0	1058	2.0	1.4	0.82	0.35	1.5	6.5	6.6	87.7	4.7	0.04	4.7		31.92	19.82	22.46				
24.0	1058	3.0			0.34	1.5	6.5	6.6	87.3		0.04	4.8		31.92	19.81	22.46				
24.0	1058	4.0			0.34	1.4	6.5	6.6	86.9		0.04	4.8		31.92	19.81	22.47				
24.0	1058	5.0			0.34	1.4	6.4	6.5	86.3		0.05	4.9		31.92	19.81	22.46				
24.0	1058	6.0			0.33	1.4	6.4	6.5	86.1		0.04	4.8		31.92	19.81	22.47				
24.0	1058	7.0			0.33	1.4	6.3	6.5	85.7		0.05	4.9		31.92	19.80	22.47				
24.0	1058	8.0			0.33	1.4	6.3	6.4	85.4		0.05	4.9		31.92	19.80	22.47				
24.0	1058	9.0			0.33	1.4	6.3	6.4	85.0		0.05	5.0		31.92	19.80	22.47				
24.0	1058	10.0	1.3	0.78	0.34	1.4	6.3	6.4	85.1		0.05	4.9		31.92	19.80	22.47				
23.0	1112	1.0			0.39	1.7	6.6	6.7	87.8		0.04	4.7	0.9	31.89	19.46	22.53				
23.0	1112	2.0			0.38	1.6	6.6	6.6	87.5		0.05	4.9		31.86	19.43	22.52				
23.0	1112	3.0			0.37	1.6	6.5	6.6	86.9		0.05	5.1		31.87	19.40	22.53				
23.0	1112	4.0			0.36	1.5	6.5	6.6	86.5		0.06	5.3		31.87	19.32	22.55				
23.0	1112	5.0			0.35	1.5	6.5	6.6	86.3		0.06	5.5		31.86	19.24	22.57				
23.0	1112	6.0			0.34	1.5	6.5	6.6	86.0		0.07	5.7		31.87	19.20	22.58				
23.0	1112	7.0			0.35	1.5	6.5	6.6	85.9		0.07	5.8		31.86	19.17	22.58				
23.0	1112	8.0			0.35	1.5	6.4	6.5	85.6		0.07	5.8		31.86	19.16	22.58				
23.0	1112	9.0			0.36	1.5	6.4	6.5	85.6		0.07	5.8		31.86	19.12	22.59				
23.0	1112	10.0			0.36	1.6	6.4	6.5	85.6		0.07	5.9		31.86	19.11	22.60				
23.0	1112	11.0			0.37	1.6	6.4	6.5	85.7		0.07	5.9		31.86	19.11	22.60				
23.0	1112	12.0			0.38	1.6	6.4	6.5	85.2		0.07	5.9		31.86	19.10	22.60				
23.0	1112	13.0			0.39	1.7	6.4	6.5	85.3		0.08	6.0		31.86	19.06	22.61				
23.0	1112	14.0			0.39	1.7	6.4	6.5	85.6		0.08	6.0		31.86	19.04	22.61				
22.0	1133	1.0			0.62	2.7	7.2	7.2	92.1		0.00	3.3	0.7	31.53	17.98	22.62				
22.0	1133	2.0			0.65	2.8	7.2	7.2	92.0		0.00	3.4		31.54	17.98	22.63				
22.0	1133	3.0			0.61	2.7	7.1	7.2	91.6		0.01	3.5		31.56	18.00	22.64				
22.0	1133	4.0			0.54	2.4	7.1	7.1	90.9		0.01	3.6		31.58	18.04	22.65				
22.0	1133	5.0			0.48	2.1	7.0	7.0	90.2		0.01	3.7		31.60	18.06	22.66				
22.0	1133	6.0			0.44	1.9	6.9	7.0	89.5		0.01	3.8		31.61	18.08	22.66				
22.0	1133	7.0			0.42	1.8	6.9	6.9	89.0		0.02	3.9		31.63	18.09	22.67				

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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
22.0	1133	8.0			0.40	1.7		6.9	6.9	88.7	0.02	4.0		31.63	18.09	22.67
22.0	1133	9.0			0.39	1.7		6.8	6.9	88.2	0.02	4.0		31.64	18.10	22.68
22.0	1133	10.0			0.38	1.6		6.8	6.9	88.0	0.03	4.2		31.65	18.10	22.68
22.0	1133	11.0			0.38	1.6		6.8	6.8	87.8	0.03	4.3		31.65	18.10	22.69
22.0	1133	12.0			0.39	1.7		6.8	6.8	87.8	0.03	4.4		31.66	18.10	22.69
22.0	1133	13.0			0.39	1.7		6.8	6.8	87.6	0.04	4.5		31.66	18.10	22.69
22.0	1133	14.0			0.39	1.7		6.8	6.8	87.5	0.04	4.6		31.66	18.10	22.69
22.0	1133	15.0			0.40	1.7		6.7	6.8	87.5	0.05	4.9		31.67	18.11	22.70
22.0	1133	16.0			0.42	1.8		6.7	6.8	87.4	0.05	5.0		31.67	18.11	22.70
22.0	1133	17.0			0.42	1.8		6.7	6.8	87.4	0.05	5.0		31.67	18.11	22.70
22.0	1133	18.0			0.41	1.8		6.7	6.8	87.3	0.05	5.1		31.67	18.11	22.70
22.0	1133	19.0			0.40	1.7		6.7	6.8	87.4	0.05	5.1		31.66	18.11	22.69
21.0	1146	1.0			0.67	3.0		7.4	7.4	94.2	0.00	3.3	0.8	31.45	17.85	22.59
21.0	1146	2.0			0.66	2.9	7.1	7.3	7.3	93.6	0.01	3.6		31.49	17.90	22.61
21.0	1146	3.0	3.6	0.86	0.61	2.7		7.2	7.3	92.7	0.02	3.9		31.55	17.92	22.65
21.0	1146	4.0			0.55	2.4		7.2	7.2	91.9	0.02	4.1		31.57	17.95	22.66
21.0	1146	5.0			0.51	2.2		7.1	7.2	91.5	0.04	4.5		31.58	17.96	22.67
21.0	1146	6.0			0.50	2.2		7.1	7.1	91.2	0.05	4.9		31.58	17.96	22.67
21.0	1146	7.0			0.51	2.2		7.1	7.1	90.9	0.05	5.0		31.58	17.96	22.67
21.0	1146	8.0			0.50	2.2		7.1	7.1	90.7	0.05	5.1		31.58	17.96	22.67
21.0	1146	9.0			0.49	2.1		7.0	7.1	90.5	0.05	5.1		31.59	17.97	22.67
21.0	1146	10.0			0.48	2.1		7.0	7.1	90.5	0.05	5.2		31.59	17.97	22.67
21.0	1146	11.0			0.48	2.1		7.0	7.1	90.3	0.05	5.1		31.59	17.97	22.67
21.0	1146	12.0			0.48	2.1		7.0	7.1	90.2	0.05	5.2		31.59	17.97	22.67
21.0	1146	13.0			0.49	2.1		7.0	7.0	89.9	0.05	5.2		31.59	17.98	22.67
21.0	1146	14.0			0.51	2.2		7.0	7.0	89.7	0.06	5.3		31.58	17.93	22.67
21.0	1146	15.0			0.51	2.2		7.0	7.0	89.9	0.07	5.8		31.57	17.88	22.67
21.0	1146	16.0			0.50	2.2		7.0	7.0	89.9	0.08	6.1		31.56	17.87	22.67
21.0	1146	17.0			0.50	2.2		7.0	7.0	89.8	0.09	6.4		31.56	17.87	22.67
21.0	1146	18.0	2.2	0.64	0.50	2.2		7.0	7.1	90.1	0.10	6.7		31.55	17.83	22.67

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STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CHL a	DISCR	OXYG	CALC	% OXY	DISCR	CALC	EXCOF	SALIN	TEMP	SIGT
			CHL a					OXYG	OXYG	SAT	SPM	OBS	SPM			

	n	r ²	Slope	Inter.	Std. Err.
Fluorometer Calibration:	12	0.917	4.560	-0.099	0.545
OBS Calibration:	14	0.493	35.560	3.265	2.950
Dissolved Oxygen Calibration:	12	0.954	0.896	0.770	0.158

Oxygen and spm regression coefficients were calculated using whole bay data
Seabird v4.026

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CALC	OXYG	CALC	% OXY	DISCR	SPM	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
657.0	1903	1.0			0.32	1.2								0.16		1.1	0.10	20.51	0.00
657.0	1903	2.0	1.3	0.60	0.32	1.2	8.1					1.1		0.08			0.10	20.51	0.00
657.0	1903	3.0			0.32	1.2								0.07			0.10	20.51	0.00
657.0	1903	4.0			0.32	1.2								0.07			0.10	20.51	0.00
657.0	1903	5.0			0.32	1.2								0.07			0.10	20.52	0.00
657.0	1903	6.0			0.33	1.3								0.07			0.10	20.52	0.00
657.0	1903	7.0			0.33	1.3								0.07			0.10	20.52	0.00
657.0	1903	8.0			0.33	1.3								0.07			0.10	20.52	0.00
657.0	1903	9.0			0.34	1.3								0.07			0.10	20.53	0.00
657.0	1903	10.0	1.7	0.70	0.34	1.3								0.08			0.10	20.53	0.00
653.0	1833	1.0			0.40	1.8								0.20		1.7	0.29	20.11	0.00
653.0	1833	2.0			0.40	1.8								0.20			0.29	20.12	0.00
653.0	1833	3.0			0.40	1.7								0.19			0.29	20.13	0.00
653.0	1833	4.0			0.41	1.8								0.19			0.29	20.13	0.00
653.0	1833	5.0			0.41	1.8								0.20			0.29	20.14	0.00
653.0	1833	6.0			0.42	1.9								0.20			0.29	20.14	0.00
653.0	1833	7.0			0.44	2.0								0.20			0.29	20.14	0.00
653.0	1833	8.0			0.44	2.0								0.22			0.28	20.14	0.00
653.0	1833	9.0			0.44	2.0								0.22			0.29	20.14	0.00
653.0	1833	10.0			0.44	2.0								0.23			0.28	20.15	0.00
649.0	1811	1.0			0.30	1.1								0.24		1.9	2.10	20.20	0.00
649.0	1811	2.0	1.1	0.60	0.30	1.1	8.3					15.7		0.23			2.11	20.20	0.00
649.0	1811	3.0			0.30	1.1								0.23			2.10	20.20	0.00
649.0	1811	4.0			0.30	1.1								0.23			2.10	20.19	0.00
649.0	1811	5.0			0.30	1.1								0.23			2.10	20.19	0.00
649.0	1811	6.0			0.30	1.1								0.23			2.11	20.20	0.00
649.0	1811	7.0			0.31	1.2								0.23			2.11	20.21	0.00
649.0	1811	8.0			0.31	1.2								0.23			2.12	20.19	0.00
649.0	1811	9.0			0.31	1.1								0.23			2.13	20.18	0.00
649.0	1811	10.0			0.30	1.1								0.23			2.14	20.17	0.00
649.0	1811	11.0			0.30	1.1								0.23			2.15	20.15	0.00

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STN	TIME	DEPTH	DISCR	CHL a	FLUOR	CALC	DISCR	CALC	OXYG	CALC	% OXY	DISCR	OBS	SPM	CALC	EXCOF	SALIN	TEMP	SIGT
649.0	1811	12.0	0.7	0.36	0.30	1.1		8.4	8.3	93.2	0.25	12.3		2.15	20.14	0.00			
2.0	1753	1.0			0.30	1.1		8.6	8.4	95.4	0.20	10.5	1.6	3.08	20.36	0.48			
2.0	1753	2.0			0.30	1.1		8.5	8.4	95.3	0.18	9.8		3.11	20.38	0.50			
2.0	1753	3.0			0.29	1.1		8.5	8.4	94.9	0.18	9.8		3.18	20.40	0.54			
2.0	1753	4.0			0.29	1.1		8.4	8.3	93.8	0.19	9.9		3.46	20.42	0.75			
2.0	1753	5.0			0.29	1.1		8.3	8.2	92.8	0.19	9.9		3.88	20.28	1.10			
2.0	1753	6.0			0.29	1.0		8.3	8.2	92.6	0.18	9.8		4.05	20.16	1.25			
2.0	1753	7.0			0.28	1.0		8.3	8.2	92.5	0.19	9.9		4.10	20.11	1.30			
2.0	1753	8.0			0.28	1.0		8.2	8.1	92.2	0.19	10.0		4.13	20.09	1.33			
2.0	1753	9.0			0.28	1.0		8.2	8.1	92.1	0.18	9.7		4.20	20.05	1.39			
2.0	1753	10.0			0.29	1.0		8.3	8.2	92.4	0.18	9.8		4.35	20.00	1.51			
2.0	1753	11.0			0.29	1.1		8.3	8.2	92.6	0.19	9.9		4.42	19.99	1.57			
3.0	1735	1.0			0.34	1.4		8.5	8.4	95.8	0.20	10.3	1.7	3.68	20.54	0.89			
3.0	1735	2.0	1.6	0.80	0.34	1.4	8.3	8.5	8.4	95.3	5.8	0.19	10.2	3.68	20.53	0.89			
3.0	1735	3.0			0.33	1.3		8.4	8.3	94.1	0.19	10.2		3.68	20.51	0.90			
3.0	1735	4.0			0.32	1.2		8.3	8.2	93.1	0.19	10.2		4.05	20.37	1.21			
3.0	1735	5.0			0.30	1.1		8.3	8.2	93.4	0.19	10.1		4.74	20.20	1.77			
3.0	1735	6.0			0.29	1.1		8.2	8.2	92.9	0.19	10.2		4.86	20.15	1.87			
3.0	1735	7.0			0.29	1.1		8.2	8.1	92.2	0.19	10.0		5.16	20.00	2.12			
3.0	1735	8.0	0.8	0.67	0.29	1.1		8.4	8.3	93.9	3.25	118.7		5.75	19.83	2.61			
4.0	1713	1.0			0.32	1.2		8.5	8.4	95.8	0.22	11.3	1.9	5.41	20.03	2.31			
4.0	1713	2.0			0.32	1.2		8.5	8.4	95.9	0.28	13.2		5.56	20.04	2.42			
4.0	1713	3.0			0.33	1.3		8.5	8.4	95.6	0.32	14.8		5.68	20.07	2.51			
4.0	1713	4.0			0.34	1.3		8.5	8.4	95.6	0.37	16.5		5.88	20.06	2.66			
4.0	1713	5.0			0.34	1.4		8.4	8.3	94.8	0.43	18.6		6.37	20.11	3.02			
4.0	1713	6.0			0.34	1.4		8.3	8.2	94.2	0.55	22.9		6.66	20.07	3.25			
4.0	1713	7.0			0.34	1.3		8.2	8.2	93.6	0.54	22.3		6.70	20.01	3.30			
4.0	1713	8.0			0.33	1.3		8.2	8.1	92.9	0.52	21.9		6.72	19.94	3.32			
4.0	1713	9.0			0.32	1.2		8.2	8.1	92.6	0.50	21.0		6.74	19.84	3.36			
4.0	1713	10.0			0.31	1.2		8.2	8.1	92.6	0.44	18.8		6.85	19.75	3.46			

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CHL a	DISCR	OXYG	CHL a	OXYG	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
4.0	1713	11.0			0.31	1.2		8.2	8.1	92.7			0.39	17.2		7.03	19.73	3.60
4.0	1713	12.0			0.32	1.2		8.2	8.1	92.7			0.44	19.0		7.13	19.73	3.68
4.0	1713	13.0			0.34	1.3		8.2	8.1	92.8			0.55	22.9		7.23	19.73	3.76
4.0	1713	14.0			0.35	1.4		8.2	8.1	92.9			0.89	34.8		7.32	19.73	3.83
4.0	1713	15.0			0.36	1.5		8.2	8.1	93.1			0.93	36.4		7.32	19.73	3.82
4.0	1713	16.0			0.36	1.5		8.2	8.1	93.2			1.04	40.4		7.34	19.73	3.84
5.0	1658	1.0			0.33	1.3		8.5	8.4	96.2			0.23	11.6	1.8	7.23	19.91	3.72
5.0	1658	2.0			0.33	1.3		8.4	8.3	95.7			0.23	11.6		7.23	19.90	3.72
5.0	1658	3.0			0.31	1.2		8.3	8.2	94.7			0.22	11.2		7.25	19.87	3.74
5.0	1658	4.0			0.29	1.0		8.2	8.1	93.3			0.20	10.6		7.53	19.68	3.99
5.0	1658	5.0			0.27	0.9		8.2	8.1	93.2			0.19	10.1		7.88	19.61	4.27
5.0	1658	6.0			0.27	0.9		8.2	8.1	92.8			0.20	10.4		8.11	19.61	4.45
5.0	1658	7.0			0.27	0.9		8.2	8.1	93.4			0.25	12.1		8.37	19.61	4.64
5.0	1658	8.0			0.27	0.9		8.2	8.1	93.3			0.22	11.0		8.60	19.72	4.79
5.0	1658	9.0			0.27	0.9		8.1	8.1	93.3			0.24	11.9		8.89	19.72	5.01
5.0	1658	10.0			0.27	0.9		8.1	8.0	92.8			0.28	13.0		8.99	19.69	5.10
5.0	1658	11.0			0.27	0.9		8.1	8.1	93.3			0.28	13.1		9.10	19.63	5.20
6.0	1639	1.0			0.37	1.5		8.4	8.3	96.9			0.14	8.4	1.4	9.68	19.81	5.59
6.0	1639	2.0	1.5	0.78	0.37	1.5	8.3	8.4	8.3	96.4		10.1	0.14	8.2		9.68	19.81	5.59
6.0	1639	3.0			0.36	1.5		8.3	8.2	95.8			0.14	8.2		9.68	19.81	5.59
6.0	1639	4.0			0.34	1.3		8.3	8.2	95.2			0.14	8.4		9.73	19.76	5.64
6.0	1639	5.0			0.32	1.2		8.2	8.1	94.7			0.18	9.6		9.99	19.72	5.85
6.0	1639	6.0			0.30	1.1		8.1	8.0	93.3			0.22	11.2		10.13	19.70	5.96
6.0	1639	7.0			0.29	1.0		8.1	8.0	93.0			0.26	12.7		10.37	19.48	6.19
6.0	1639	8.0			0.29	1.0		8.1	8.0	92.9			0.28	13.2		10.74	19.43	6.48
6.0	1639	9.0			0.30	1.1		8.0	7.9	92.7			0.28	13.2		11.56	19.42	7.10
6.0	1639	10.0			0.33	1.3		7.9	7.9	92.5			0.35	15.6		12.41	19.42	7.75
6.0	1639	11.0			0.38	1.6		7.9	7.9	92.7			0.65	26.5		12.53	19.42	7.83
6.0	1639	12.0	1.3	0.42	0.38	1.6		8.0	7.9	93.0			0.97	37.8		12.56	19.42	7.86

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STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	OXYG	CALC	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
			CHL a			CHL a	OXYG	OXYG	OXYG	SAT	SPM						
7.0	1614	1.0			0.39	1.7		8.2	8.1	96.7		0.12	7.6	1.4	13.11	19.78	8.20
7.0	1614	2.0			0.38	1.6		8.2	8.1	96.1		0.15	8.6		13.18	19.75	8.25
7.0	1614	3.0			0.35	1.4		8.0	7.9	94.0		0.15	8.7		13.41	19.72	8.44
7.0	1614	4.0			0.33	1.3		7.9	7.8	92.8		0.15	8.6		14.04	19.53	8.96
7.0	1614	5.0			0.31	1.2		7.8	7.8	92.5		0.15	8.5		14.29	19.42	9.17
7.0	1614	6.0			0.29	1.1		7.8	7.8	92.5		0.15	8.6		14.94	19.36	9.68
7.0	1614	7.0			0.29	1.0		7.8	7.7	92.3		0.14	8.4		15.11	19.35	9.81
7.0	1614	8.0			0.29	1.0		7.8	7.7	92.0		0.14	8.4		15.27	19.35	9.93
7.0	1614	9.0			0.29	1.0		7.7	7.7	91.8		0.14	8.4		15.64	19.34	10.22
7.0	1614	10.0			0.29	1.1		7.7	7.7	91.7		0.15	8.6		16.18	19.32	10.62
7.0	1614	11.0			0.30	1.1		7.6	7.6	91.3		0.20	10.4		16.92	19.30	11.19
7.0	1614	12.0			0.31	1.2		7.6	7.6	91.4		0.29	13.8		17.38	19.29	11.55
7.0	1614	13.0			0.32	1.3		7.6	7.6	91.4		0.39	17.0		17.53	19.28	11.65
7.0	1614	14.0			0.31	1.2		7.6	7.6	91.3		0.44	18.8		17.54	19.28	11.67
7.0	1614	15.0			0.31	1.2		7.6	7.6	91.7		0.46	19.5		17.56	19.28	11.68
8.0	1553	1.0			0.45	2.0		8.1	8.1	97.1		0.09	6.4	1.2	15.84	19.71	10.28
8.0	1553	2.0			0.44	2.0		8.1	8.0	96.7		0.09	6.4		15.85	19.70	10.29
8.0	1553	3.0			0.42	1.8		7.9	7.9	94.9		0.09	6.4		15.86	19.68	10.30
8.0	1553	4.0			0.36	1.5		7.8	7.8	93.6		0.09	6.4		16.08	19.49	10.51
8.0	1553	5.0			0.31	1.1		7.8	7.7	92.7		0.09	6.6		16.43	19.39	10.80
8.0	1553	6.0			0.28	1.0		7.7	7.7	92.3		0.10	6.8		17.04	19.33	11.27
8.0	1553	7.0			0.27	0.9		7.6	7.6	91.6		0.10	6.9		17.77	19.30	11.84
8.0	1553	8.0			0.25	0.8		7.6	7.5	91.4		0.10	6.8		18.62	19.22	12.50
8.0	1553	9.0			0.25	0.8		7.5	7.5	91.0		0.10	6.7		19.08	19.20	12.85
8.0	1553	10.0			0.26	0.8		7.4	7.4	90.9		0.10	6.8		20.70	19.15	14.09
8.0	1553	11.0			0.27	0.9		7.4	7.4	90.9		0.10	6.8		21.18	19.13	14.47
8.0	1553	12.0			0.31	1.2		7.4	7.4	90.8		0.15	8.5		21.42	19.12	14.65
8.0	1553	13.0			0.36	1.5		7.4	7.4	90.8		0.44	19.1		21.58	19.11	14.77
8.0	1553	14.0			0.40	1.8		7.4	7.4	90.9		0.96	37.6		21.60	19.11	14.78
8.0	1553	15.0			0.40	1.8		7.4	7.4	91.3		1.42	53.7		21.60	19.12	14.78

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CALC	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
9.0	1526	1.0			0.39	1.7		8.0	7.9	96.2	0.15	8.6	1.4	17.75	19.58	11.75
9.0	1526	2.0	2.2	0.80	0.39	1.7	7.9	7.9	7.8	95.0	0.14	8.4		17.76	19.56	11.77
9.0	1526	3.0			0.36	1.5		7.8	7.7	93.7	0.14	8.4		17.96	19.42	11.95
9.0	1526	4.0			0.32	1.3		7.7	7.6	92.5	0.12	7.6		18.35	19.30	12.28
9.0	1526	5.0			0.29	1.1		7.6	7.6	92.3	0.10	6.9		18.86	19.18	12.69
9.0	1526	6.0			0.27	0.9		7.6	7.6	92.0	0.09	6.5		19.14	19.16	12.91
9.0	1526	7.0			0.26	0.8		7.5	7.5	91.6	0.08	6.2		19.58	19.17	13.24
9.0	1526	8.0			0.25	0.8		7.5	7.5	91.5	0.09	6.5		19.67	19.17	13.30
9.0	1526	9.0			0.26	0.9		7.5	7.5	91.2	0.10	6.7		19.76	19.17	13.38
9.0	1526	10.0			0.27	0.9		7.5	7.4	90.9	0.12	7.4		19.92	19.17	13.49
9.0	1526	11.0			0.27	0.9		7.4	7.4	90.9	0.15	8.5		20.11	19.16	13.65
9.0	1526	12.0			0.27	0.9		7.4	7.4	90.7	0.17	9.2		20.26	19.16	13.76
9.0	1526	13.0			0.27	0.9		7.4	7.4	90.7	0.17	9.2		20.45	19.15	13.91
9.0	1526	14.0			0.27	0.9		7.4	7.4	90.5	0.17	9.1		20.79	19.13	14.17
9.0	1526	15.0			0.27	0.9		7.3	7.4	90.6	0.16	9.1		21.62	19.09	14.81
9.0	1526	16.0			0.27	0.9		7.3	7.3	90.8	0.16	9.0		22.53	19.07	15.50
9.0	1526	17.0			0.28	1.0		7.3	7.3	90.9	0.16	9.0		22.78	19.06	15.70
9.0	1526	18.0			0.28	1.0		7.3	7.3	90.9	0.16	8.8		22.80	19.06	15.71
9.0	1526	19.0			0.28	1.0		7.3	7.3	91.1	0.15	8.6		22.82	19.06	15.72
9.0	1526	20.0			0.29	1.0		7.3	7.4	91.1	0.17	9.1		22.81	19.06	15.72
9.0	1526	21.0			0.30	1.1		7.4	7.4	91.2	0.20	10.3		22.79	19.06	15.70
9.0	1526	22.0			0.30	1.1		7.4	7.4	91.3	0.21	10.6		22.80	19.06	15.71
9.0	1526	23.0			0.31	1.2		7.4	7.4	91.5	0.22	10.9		22.81	19.06	15.72
9.0	1526	24.0			0.32	1.2		7.4	7.4	91.6	0.23	11.6		22.82	19.06	15.72
9.0	1526	25.0			0.31	1.2		7.4	7.4	91.6	0.24	11.9		22.82	19.06	15.73
9.0	1526	26.0			0.30	1.1		7.4	7.4	91.7	0.25	12.1		22.85	19.06	15.74
9.0	1526	27.0			0.30	1.1		7.4	7.4	91.8	0.27	12.8		22.87	19.06	15.76
9.0	1526	28.0			0.31	1.1		7.4	7.4	91.9	0.28	13.3		22.88	19.06	15.77
9.0	1526	29.0			0.30	1.1		7.4	7.4	92.0	0.31	14.3		22.90	19.06	15.78
9.0	1526	30.0			0.29	1.1		7.4	7.4	92.1	0.32	14.7		22.90	19.06	15.79
9.0	1526	31.0			0.29	1.1		7.4	7.4	91.8	0.32	14.7		22.91	19.06	15.79

North San Francisco Bay

September 27, 1994

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STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	OXYG	CALC	% OXY	DISCR	OBS	CALC	EXCOF	SALIN	TEMP	SIGT
			CHL a			CHL a	OXYG	OXYG	OXYG	SAT	SPM		SPM				
10.0	1512	1.0			0.32	1.2		7.8	7.7	94.3		0.12	7.7	1.5	18.29	19.51	12.18
10.0	1512	2.0			0.32	1.2		7.7	7.7	93.7		0.14	8.2		18.60	19.34	12.46
10.0	1512	3.0			0.30	1.1		7.7	7.7	93.1		0.13	8.0		18.86	19.27	12.67
10.0	1512	4.0			0.29	1.0		7.6	7.6	92.2		0.14	8.1		19.15	19.23	12.90
10.0	1512	5.0			0.28	1.0		7.5	7.5	91.4		0.13	8.0		19.74	19.18	13.36
10.0	1512	6.0			0.27	0.9		7.4	7.4	91.1		0.12	7.6		20.66	19.12	14.07
10.0	1512	7.0			0.27	0.9		7.4	7.4	90.7		0.12	7.4		20.94	19.10	14.29
10.0	1512	8.0			0.27	0.9		7.4	7.4	90.6		0.12	7.5		21.22	19.08	14.51
10.0	1512	9.0			0.28	1.0		7.4	7.4	90.5		0.11	7.3		21.33	19.08	14.59
10.0	1512	10.0			0.28	1.0		7.4	7.4	90.4		0.12	7.4		21.36	19.08	14.61
10.0	1512	11.0			0.27	0.9		7.3	7.3	90.4		0.11	7.2		21.44	19.07	14.68
10.0	1512	12.0			0.27	0.9		7.3	7.3	90.4		0.11	7.1		21.60	19.06	14.80
10.0	1512	13.0			0.27	0.9		7.3	7.3	90.4		0.11	7.2		21.70	19.06	14.87
10.0	1512	14.0			0.27	0.9		7.3	7.4	90.6		0.11	7.2		21.77	19.06	14.93
10.0	1512	15.0			0.28	1.0		7.3	7.4	90.6		0.11	7.3		21.83	19.06	14.98
10.0	1512	16.0			0.28	1.0		7.4	7.4	90.7		0.12	7.4		21.86	19.06	15.00
11.0	1453	1.0			0.37	1.5		7.6	7.6	93.4		0.07	5.7	0.8	20.33	19.58	13.71
11.0	1453	2.0			0.37	1.5		7.5	7.5	92.7		0.07	5.7		21.41	19.18	14.63
11.0	1453	3.0			0.35	1.4		7.5	7.5	92.6		0.07	5.7		21.79	19.05	14.94
11.0	1453	4.0			0.32	1.2		7.5	7.5	92.3		0.07	5.7		22.02	19.04	15.12
11.0	1453	5.0			0.30	1.1		7.4	7.4	91.8		0.07	5.7		22.31	19.01	15.35
11.0	1453	6.0			0.28	1.0		7.4	7.4	91.2		0.06	5.6		23.03	19.02	15.90
11.0	1453	7.0			0.27	0.9		7.3	7.3	90.9		0.06	5.5		23.66	19.02	16.37
11.0	1453	8.0			0.27	0.9		7.2	7.2	90.6		0.06	5.5		24.62	18.99	17.11
11.0	1453	9.0			0.27	0.9		7.2	7.2	90.5		0.06	5.5		24.97	18.97	17.38
11.0	1453	10.0			0.27	0.9		7.2	7.2	90.6		0.06	5.5		25.56	18.94	17.84
11.0	1453	11.0			0.27	0.9		7.1	7.2	90.3		0.06	5.3		25.88	18.93	18.08
11.0	1453	12.0			0.28	1.0		7.1	7.1	90.0		0.04	4.7		26.29	18.88	18.41
11.0	1453	13.0			0.28	1.0		7.1	7.1	90.1		0.05	5.1		26.69	18.83	18.73
11.0	1453	14.0			0.28	1.0		7.1	7.1	90.3		0.09	6.4		26.79	18.82	18.80
11.0	1453	15.0			0.28	1.0		7.1	7.2	90.7		0.14	8.1		26.82	18.82	18.83

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
12.0	1437	1.0			0.44	2.0		7.5	7.5	93.2	0.05	5.2	0.8	21.83	19.59	14.85
12.0	1437	2.0			0.45	2.1		7.5	7.5	92.5	0.05	5.1		22.67	19.13	15.60
12.0	1437	3.0			0.43	1.9		7.5	7.5	92.3	0.06	5.3		22.98	18.99	15.86
12.0	1437	4.0			0.43	1.9		7.4	7.4	92.2	0.05	5.1		23.16	18.97	16.01
12.0	1437	5.0			0.45	2.0		7.4	7.4	91.6	0.04	4.8		23.69	18.96	16.41
12.0	1437	6.0			0.45	2.1		7.2	7.2	90.4	0.04	4.6		25.19	18.94	17.55
12.0	1437	7.0			0.41	1.8		7.1	7.1	89.6	0.02	4.1		26.83	18.77	18.85
12.0	1437	8.0			0.33	1.3		7.0	7.1	89.3	0.03	4.3		27.55	18.64	19.42
12.0	1437	9.0			0.30	1.1		7.1	7.1	89.7	0.05	5.1		27.71	18.60	19.55
12.0	1437	10.0			0.31	1.2		7.1	7.1	90.4	0.08	6.1		27.71	18.61	19.56
13.0	1356	1.0			0.60	3.0		8.0	7.9	100.3	0.01	3.6	0.6	25.54	19.42	17.70
13.0	1356	2.0			0.62	3.1	8.1	7.9	7.8	98.8	0.00	3.3		25.65	19.17	17.85
13.0	1356	3.0	3.2	0.92	0.64	3.2		7.7	7.7	97.2	0.00	3.4		26.16	18.97	18.29
13.0	1356	4.0			0.59	3.0		7.5	7.5	94.7	0.01	3.5		26.52	18.85	18.59
13.0	1356	5.0			0.48	2.3		7.3	7.3	92.4	0.01	3.5		27.25	18.67	19.18
13.0	1356	6.0			0.38	1.6		7.2	7.3	91.8	0.01	3.6		27.91	18.51	19.73
13.0	1356	7.0			0.34	1.4		7.2	7.2	91.6	0.01	3.6		28.13	18.42	19.92
13.0	1356	8.0			0.32	1.2		7.1	7.2	90.6	0.01	3.6		28.25	18.39	20.02
13.0	1356	9.0			0.29	1.1		7.1	7.2	90.6	0.01	3.7		28.67	18.29	20.37
13.0	1356	10.0	1.1	0.77	0.29	1.1		7.2	7.2	91.6	0.04	4.8		28.79	18.26	20.46
14.0	1340	1.0			0.64	3.2		7.4	7.4	93.9	0.01	3.5	0.6	27.19	18.76	19.12
14.0	1340	2.0			0.69	3.5		7.4	7.4	93.4	0.00	3.4		27.35	18.76	19.24
14.0	1340	3.0			0.70	3.6		7.5	7.5	95.5	0.01	3.5		27.46	18.81	19.32
14.0	1340	4.0			0.70	3.6		7.5	7.5	94.6	0.01	3.5		27.69	18.72	19.51
14.0	1340	5.0			0.61	3.1		7.3	7.3	92.4	0.00	3.4		27.98	18.57	19.77
14.0	1340	6.0			0.49	2.3		7.2	7.2	90.9	0.02	3.9		28.44	18.32	20.18
14.0	1340	7.0			0.45	2.0		7.1	7.1	90.4	0.02	4.1		28.68	18.25	20.38
14.0	1340	8.0			0.41	1.8		7.1	7.1	90.0	0.03	4.2		28.85	18.22	20.52
14.0	1340	9.0			0.34	1.3		7.1	7.1	89.7	0.03	4.2		28.86	18.22	20.53
14.0	1340	10.0			0.31	1.2		7.0	7.1	89.3	0.06	5.4		28.92	18.20	20.58
14.0	1340	11.0			0.30	1.1		7.0	7.0	89.1	0.07	5.8		28.96	18.19	20.61

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STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CHL a	OXYG	CALC	% OXY	DISCR	OBS	CALC	EXCOF	SALIN	TEMP	SIGT
			CHL a				OXYG		OXYG	OXYG	SAT	SPM		SPM				
14.0	1340	12.0			0.30	1.1			7.0	7.0	88.9		0.09	6.3		29.01	18.18	20.65
14.0	1340	13.0			0.29	1.0			7.0	7.0	88.5		0.09	6.4		29.06	18.16	20.69
14.0	1340	14.0			0.27	0.9			7.0	7.0	88.6		0.08	6.0		29.10	18.15	20.72
14.0	1340	15.0			0.27	0.9			7.0	7.0	88.8		0.04	4.5		29.11	18.16	20.73
15.0	1319	1.0			0.60	3.0			7.1	7.1	90.5		0.06	5.3	0.6	27.11	19.25	18.94
15.0	1319	2.0	2.2	0.86	0.64	3.2	7.4		7.2	7.2	91.2	3.0	0.05	5.1		27.80	18.66	19.61
15.0	1319	3.0			0.59	2.9			7.1	7.1	89.9		0.04	4.7		28.11	18.46	19.89
15.0	1319	4.0			0.48	2.2			7.0	7.1	89.3		0.03	4.3		28.72	18.24	20.41
15.0	1319	5.0			0.40	1.7			7.0	7.0	88.6		0.02	4.0		28.97	18.14	20.63
15.0	1319	6.0			0.36	1.5			6.9	7.0	88.2		0.02	3.9		29.25	18.05	20.86
15.0	1319	7.0			0.34	1.4			6.9	7.0	88.0		0.02	3.9		29.34	18.01	20.94
15.0	1319	8.0			0.33	1.3			6.9	7.0	88.0		0.01	3.8		29.36	17.99	20.96
15.0	1319	9.0			0.33	1.3			6.9	7.0	87.9		0.02	3.8		29.37	17.98	20.97
15.0	1319	10.0			0.32	1.2			6.9	7.0	87.8		0.01	3.8		29.39	17.97	20.99
15.0	1319	11.0			0.31	1.2			6.9	7.0	87.8		0.02	3.8		29.42	17.97	21.01
15.0	1319	12.0			0.31	1.2			6.9	6.9	87.6		0.02	3.9		29.46	17.98	21.04
15.0	1319	13.0			0.31	1.2			6.9	6.9	87.4		0.02	4.0		29.53	17.98	21.09
15.0	1319	14.0			0.31	1.2			6.8	6.9	87.1		0.03	4.2		29.58	17.96	21.14
15.0	1319	15.0			0.32	1.2			6.8	6.9	86.9		0.04	4.5		29.69	17.91	21.23
15.0	1319	16.0			0.33	1.3			6.8	6.9	86.8		0.04	4.7		29.80	17.85	21.33
15.0	1319	17.0			0.35	1.4			6.8	6.9	86.8		0.04	4.6		29.92	17.79	21.43
15.0	1319	18.0			0.37	1.6			6.8	6.9	86.5		0.03	4.4		30.03	17.73	21.53
15.0	1319	19.0			0.38	1.6			6.8	6.8	86.1		0.03	4.3		30.22	17.64	21.70
15.0	1319	20.0			0.40	1.7			6.8	6.8	86.0		0.03	4.3		30.46	17.50	21.92
15.0	1319	21.0			0.41	1.8			6.8	6.9	86.4		0.03	4.2		30.73	17.37	22.15
15.0	1319	22.0			0.43	1.9			6.9	6.9	87.2		0.05	4.9		30.82	17.32	22.24
15.0	1319	23.0	1.8	0.82	0.43	1.9			6.9	6.9	87.3		0.17	9.3		30.80	17.31	22.22
16.0	1254	1.0			0.55	2.7			7.2	7.2	91.9		-0.03	2.2	0.8	28.21	18.73	19.91
16.0	1254	2.0			0.60	3.0			7.1	7.2	90.5		0.00	3.4		29.41	17.94	21.01
16.0	1254	3.0			0.63	3.2			7.1	7.1	90.2		0.01	3.5		29.78	17.85	21.31
16.0	1254	4.0			0.59	2.9			7.0	7.1	89.2		0.01	3.6		30.03	17.74	21.53

STN	TIME	DEPTH	DISCR		CHL a	FLUOR	CALC		DISCR	CALC		% OXY	DISCR	CALC		OBS	SPM	EXCOF	SALIN	TEMP	SIGT
			CHL a	CHL a+PHA			CHL a	CHL a		CHL a	CHL a										
16.0	1254	5.0			0.54	2.6	7.0	7.0	88.6	7.0	7.0	88.6	0.01	3.6	30.18	17.63	21.67				
16.0	1254	6.0			0.50	2.3	6.9	7.0	87.5	6.9	7.0	87.5	0.00	3.4	30.49	17.44	21.95				
16.0	1254	7.0			0.43	1.9	6.9	6.9	86.9	6.9	6.9	86.9	0.01	3.7	30.88	17.28	22.29				
16.0	1254	8.0			0.40	1.7	6.8	6.9	86.8	6.8	6.9	86.8	0.01	3.7	31.09	17.20	22.47				
16.0	1254	9.0			0.38	1.6	6.8	6.9	86.8	6.8	6.9	86.8	0.04	4.5	31.25	17.13	22.61				
16.0	1254	10.0			0.37	1.6	6.8	6.9	86.7	6.8	6.9	86.7	0.05	5.0	31.39	17.09	22.72				
16.0	1254	11.0			0.37	1.5	6.9	6.9	86.8	6.9	6.9	86.8	0.03	4.4	31.42	17.08	22.75				
16.0	1254	12.0			0.37	1.5	6.9	6.9	87.1	6.9	6.9	87.1	0.08	6.1	31.45	17.08	22.78				
18.0	1217	1.0			0.59	2.9	7.2	7.2	91.2	7.2	7.2	91.2	0.13	7.9	31.31	17.29	22.62				
18.0	1217	2.0	4.2	0.79	0.61	3.1	7.4	7.3	92.3	7.3	7.3	92.3	7.3	3.7	31.29	17.32	22.59				
18.0	1217	3.0			0.64	3.2	7.3	7.3	91.6	7.3	7.3	91.6	-0.0	3.2	31.28	17.33	22.58				
18.0	1217	4.0			0.68	3.5	7.2	7.3	91.3	7.2	7.3	91.3	-0.0	3.1	31.34	17.21	22.66				
18.0	1217	5.0			0.71	3.7	7.2	7.2	90.9	7.2	7.2	90.9	0.00	3.3	31.40	17.15	22.72				
18.0	1217	6.0			0.70	3.6	7.2	7.2	90.4	7.2	7.2	90.4	-0.0	3.2	31.42	17.14	22.74				
18.0	1217	7.0			0.64	3.2	7.1	7.1	89.9	7.1	7.1	89.9	0.00	3.3	31.48	17.12	22.78				
18.0	1217	8.0			0.56	2.7	7.1	7.1	89.2	7.1	7.1	89.2	-0.0	3.2	31.53	17.11	22.83				
18.0	1217	9.0			0.49	2.3	7.0	7.0	88.2	7.0	7.0	88.2	0.00	3.3	31.59	17.09	22.88				
18.0	1217	10.0			0.45	2.0	6.9	7.0	87.6	6.9	7.0	87.6	0.00	3.4	31.66	17.05	22.94				
18.0	1217	11.0			0.42	1.9	6.9	7.0	87.3	6.9	7.0	87.3	0.01	3.6	31.73	16.98	23.01				
18.0	1217	12.0			0.41	1.8	6.9	6.9	86.7	6.9	6.9	86.7	0.01	3.7	31.75	16.93	23.04				
18.0	1217	13.0			0.41	1.8	6.8	6.9	86.0	6.8	6.9	86.0	0.01	3.6	31.78	16.90	23.07				
18.0	1217	14.0			0.41	1.8	6.8	6.8	85.6	6.8	6.8	85.6	0.01	3.6	31.95	16.70	23.24				
18.0	1217	15.0			0.40	1.7	6.8	6.8	85.2	6.8	6.8	85.2	0.00	3.4	32.12	16.45	23.43				
18.0	1217	16.0			0.41	1.8	6.8	6.9	85.5	6.8	6.9	85.5	0.00	3.3	32.20	16.34	23.52				
18.0	1217	17.0			0.42	1.8	6.8	6.9	85.8	6.8	6.9	85.8	0.00	3.3	32.20	16.33	23.52				
18.0	1217	18.0			0.42	1.8	6.8	6.9	85.8	6.8	6.9	85.8	0.00	3.4	32.20	16.33	23.52				
18.0	1217	19.0			0.42	1.8	6.9	6.9	86.0	6.9	6.9	86.0	0.00	3.3	32.21	16.31	23.53				
18.0	1217	20.0			0.41	1.8	6.9	6.9	86.1	6.9	6.9	86.1	0.00	3.4	32.21	16.31	23.53				
18.0	1217	21.0			0.41	1.8	6.9	6.9	86.1	6.9	6.9	86.1	0.00	3.4	32.21	16.31	23.53				
18.0	1217	22.0			0.40	1.7	6.9	6.9	86.1	6.9	6.9	86.1	0.00	3.4	32.21	16.31	23.53				
18.0	1217	23.0			0.41	1.8	6.9	6.9	86.1	6.9	6.9	86.1	0.00	3.4	32.21	16.30	23.54				
18.0	1217	24.0			0.43	2.0	6.9	6.9	86.3	6.9	6.9	86.3	0.00	3.4	32.22	16.30	23.54				

STN	TIME	DEPTH	DISC	CHL a	FLUOR	CALC	DISC	CHL a	OXYG	CALC	% OXY	DISC	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
18.0	1217	25.0			0.44	2.0		6.9	6.9	86.2		0.00	0.00	3.4		32.22	16.30	23.54
18.0	1217	26.0			0.43	1.9		6.9	6.9	86.2		0.00	0.00	3.4		32.22	16.30	23.54
18.0	1217	27.0			0.42	1.9		6.9	6.9	86.3		0.00	0.00	3.4		32.23	16.28	23.55
18.0	1217	28.0			0.43	1.9		6.9	6.9	86.2		0.00	0.00	3.4		32.23	16.27	23.56
18.0	1217	29.0			0.43	1.9		6.9	7.0	86.4		0.00	0.00	3.4		32.26	16.25	23.58
18.0	1217	30.0			0.45	2.0		6.9	7.0	86.4		0.00	0.00	3.4		32.26	16.24	23.59
18.0	1217	31.0			0.45	2.1		6.9	7.0	86.5		0.00	0.00	3.4		32.26	16.24	23.59
18.0	1217	32.0			0.46	2.1		6.9	7.0	86.5		0.00	0.00	3.4		32.27	16.23	23.60
18.0	1217	33.0			0.46	2.1		6.9	7.0	86.6		0.00	0.00	3.4		32.27	16.22	23.60
18.0	1217	34.0	1.8	0.62	0.45	2.0		6.9	7.0	86.5		0.01	0.01	3.5		32.28	16.22	23.61

	n	r ²	Slope	Inter.	Std. Err.
Fluorometer Calibration:	15	0.716	6.282	-0.780	0.506
OBS Calibration:	14	0.493	35.567	3.265	2.950
Dissolved Oxygen Calibration:	12	0.954	0.896	0.770	0.158

Oxygen and spm regression coefficients were calculated using whole bay data.
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
757	0730	1.0			0.34	1.3					0.12	7.4	1.3	0.17	20.65	0.00
757	0730	2.0	1.3	0.56	0.34	1.3	7.8			6.3	0.12	7.4		0.17	20.65	0.00
757	0730	3.0			0.34	1.3					0.11	7.3		0.17	20.64	0.00
757	0730	4.0			0.34	1.3					0.11	7.3		0.17	20.64	0.00
757	0730	5.0			0.34	1.3					0.10	7.0		0.17	20.64	0.00
757	0730	6.0			0.34	1.3					0.11	7.1		0.17	20.64	0.00
757	0730	7.0			0.34	1.3					0.10	6.9		0.17	20.66	0.00
757	0730	8.0			0.35	1.4					0.11	7.1		0.17	20.66	0.00
757	0730	9.0			0.35	1.4					0.12	7.4		0.17	20.67	0.00
757	0730	10.0			0.35	1.4					0.12	7.6		0.18	20.66	0.00
757	0730	11.0			0.35	1.4					0.14	8.2		0.18	20.66	0.00
757	0730	12.0			0.35	1.4					0.16	8.8		0.18	20.66	0.00
757	0730	13.0	1.7	0.58	0.35	1.4					0.16	8.9		0.18	20.66	0.00
753	0759	1.0			0.35	1.4					0.10	7.0	1.4	0.35	20.31	0.00
753	0759	2.0			0.35	1.4					0.10	6.9		0.35	20.31	0.00
753	0759	3.0			0.35	1.4					0.10	6.9		0.35	20.31	0.00
753	0759	4.0			0.35	1.4					0.11	7.1		0.35	20.31	0.00
753	0759	5.0			0.35	1.4					0.11	7.1		0.35	20.31	0.00
753	0759	6.0			0.35	1.4					0.11	7.1		0.36	20.31	0.00
753	0759	7.0			0.36	1.5					0.11	7.3		0.36	20.30	0.00
753	0759	8.0			0.36	1.5					0.11	7.2		0.36	20.30	0.00
753	0759	9.0			0.36	1.5					0.12	7.6		0.37	20.29	0.00
753	0759	10.0			0.36	1.5					0.13	7.7		0.37	20.27	0.00
747	0835	1.0			0.36	1.5		8.1	8.1	90.7	0.22	11.0	1.8	1.12	20.59	0.00
747	0835	2.0			0.36	1.5		8.1	8.1	90.4	0.26	12.7		1.13	20.47	0.00
747	0835	3.0			0.36	1.5		8.2	8.1	90.4	0.25	12.2		1.13	20.39	0.00
747	0835	4.0			0.36	1.5		8.1	8.1	90.2	0.25	12.3		1.14	20.39	0.00
747	0835	5.0			0.36	1.5		8.1	8.1	90.2	0.24	11.7		1.17	20.38	0.00
747	0835	6.0			0.37	1.5		8.1	8.0	90.0	0.23	11.4		1.16	20.38	0.00
747	0835	7.0			0.36	1.5		8.1	8.0	90.0	0.23	11.4		1.16	20.38	0.00
747	0835	8.0			0.36	1.5		8.1	8.0	90.0	0.22	11.2		1.17	20.38	0.00

94271

28 September 1994

Non-standard stations: San Francisco Bay

STN	TIME	DEPTH	DISCR	CHL a/	FLUOR	CHL a	DISCR	CALC	CHL a	OXYG	CALC	% OXY	DISCR	CALC	SPM	EXCOF	SALIN	TEMP	SIGT
747	0835	9.0			0.36	1.5		8.1	8.0	90.1	0.21	10.6	1.20	20.38	0.00				
747	0835	10.0			0.37	1.5		8.1	8.1	90.1	0.21	10.7	1.21	20.38	0.00				
747	0835	11.0			0.37	1.5		8.1	8.1	90.3	0.21	10.7	1.22	20.39	0.00				
747	0835	12.0			0.36	1.5		8.2	8.1	90.4	0.21	10.8	1.23	20.39	0.00				

Std. Err.

Inter.

Slope

r^2

n

Fluorometer Calibration:

OBS Calibration:

Dissolved Oxygen Calibration:

0.486

2.950

0.158

-1.605

3.265

0.770

8.544

35.560

0.896

0.817

0.493

0.954

8

14

12

North Bay regression coefficients used for all three calibrations.

SeaBird v4.026

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CALC	CHL a	OXYG	% OXY	DISCR	OBS	CALC	EXCOF	SALIN	TEMP	SIGT
36.0	0723	1.0			0.74	3.8		7.4	7.4	92.2			0.23	17.6	1.2	30.24	16.98	21.87
36.0	0723	2.0	3.4	0.71	0.74	3.8	7.3	7.4	7.4	92.3	17.1		0.24	18.2		30.24	16.96	21.88
36.0	0723	3.0			0.74	3.8		7.4	7.4	92.3			0.24	18.0		30.25	16.97	21.89
36.0	0723	4.0			0.75	3.8		7.5	7.4	92.6			0.23	17.5		30.25	16.97	21.88
36.0	0723	5.0			0.76	3.9		7.5	7.4	92.7			0.23	17.4		30.34	16.99	21.94
36.0	0723	6.0			0.78	4.0		7.5	7.5	92.9			0.23	17.6		30.41	16.99	22.00
36.0	0723	7.0			0.78	4.0		7.5	7.5	93.0			0.24	18.3		30.47	16.99	22.05
36.0	0723	8.0			0.77	3.9		7.5	7.4	92.9			0.25	18.8		30.52	16.98	22.09
36.0	0723	9.0	3.3	0.66	0.77	3.9		7.5	7.5	93.0			0.27	19.9		30.53	16.98	22.09
35.0	0737	1.0			0.75	3.8		7.6	7.6	94.0			0.16	13.4	1.6	30.53	16.80	22.13
35.0	0737	2.0			0.74	3.8		7.6	7.6	94.1			0.15	13.1		30.58	16.83	22.16
35.0	0737	3.0			0.74	3.8		7.6	7.6	94.1			0.16	13.3		30.59	16.83	22.18
35.0	0737	4.0			0.75	3.8		7.7	7.6	94.7			0.16	13.4		30.59	16.81	22.18
35.0	0737	5.0			0.76	3.9		7.6	7.6	94.7			0.15	13.0		30.62	16.86	22.19
35.0	0737	6.0			0.76	3.9		7.6	7.6	94.7			0.15	13.2		30.70	16.85	22.26
35.0	0737	7.0			0.78	4.0		7.6	7.6	94.6			0.14	12.3		30.75	16.87	22.28
35.0	0737	8.0			0.80	4.1		7.6	7.6	94.4			0.16	13.3		30.83	16.94	22.33
35.0	0737	9.0			0.80	4.1		7.6	7.6	94.3			0.17	14.1		30.88	16.95	22.36
34.0	0747	1.0			0.79	4.0		7.6	7.6	94.9			0.12	11.4	1.4	30.91	16.85	22.41
34.0	0747	2.0			0.77	3.9		7.6	7.6	94.6			0.15	13.2		30.98	17.01	22.43
34.0	0747	3.0			0.74	3.8		7.6	7.5	94.4			0.18	14.6		30.99	17.02	22.44
34.0	0747	4.0			0.73	3.8		7.6	7.5	94.5			0.19	15.2		31.00	17.01	22.44
34.0	0747	5.0			0.73	3.8		7.6	7.6	94.7			0.20	15.7		31.00	17.02	22.45
34.0	0747	6.0			0.74	3.8		7.6	7.5	94.4			0.20	15.7		31.02	17.02	22.46
34.0	0747	7.0			0.76	3.9		7.6	7.5	94.4			0.21	16.4		31.03	17.02	22.47
34.0	0747	8.0			0.75	3.9		7.6	7.5	94.3			0.22	16.8		31.03	17.02	22.47
33.0	0802	1.0			0.79	4.0		7.6	7.6	95.0			0.13	11.9	1.3	31.23	16.86	22.66
33.0	0802	2.0			0.78	4.0		7.6	7.6	95.2			0.13	11.7		31.24	16.86	22.66
33.0	0802	3.0			0.76	3.9		7.7	7.7	95.6			0.13	11.8		31.26	16.86	22.68
33.0	0802	4.0			0.76	3.9		7.7	7.7	95.9			0.14	12.4		31.30	16.85	22.72

South San Francisco Bay

26 October 1994

94299

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CHL a	OXYG	CALC	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
33.0	0802	5.0			0.76	3.9			7.7	7.7	96.4		0.15	12.9		31.33	16.85	22.74
33.0	0802	6.0			0.77	3.9			7.8	7.7	96.6		0.16	13.4		31.35	16.85	22.75
33.0	0802	7.0			0.79	4.0			7.8	7.8	97.0		0.16	13.6		31.37	16.84	22.77
33.0	0802	8.0			0.83	4.2			7.8	7.8	97.2		0.17	13.9		31.41	16.85	22.79
33.0	0802	9.0			0.84	4.3			7.8	7.8	97.1		0.18	14.9		31.44	16.87	22.81
33.0	0802	10.0			0.82	4.2			7.8	7.8	97.1		0.20	15.7		31.44	16.88	22.82
33.0	0802	11.0			0.81	4.1			7.8	7.8	97.1		0.21	16.6		31.46	16.87	22.83
33.0	0802	12.0			0.82	4.2			7.8	7.7	96.8		0.24	18.3		31.48	16.86	22.85
33.0	0802	13.0			0.82	4.2			7.8	7.7	96.7		0.26	19.3		31.49	16.86	22.85
33.0	0802	14.0			0.82	4.2			7.8	7.7	96.9		0.28	20.5		31.49	16.86	22.85
32.0	0811	1.0			0.75	3.8			7.6	7.5	94.2		0.14	12.3	1.3	31.47	16.79	22.86
32.0	0811	2.0	3.8	0.74	0.75	3.9	7.5		7.6	7.6	94.4	12.2	0.13	11.9		31.47	16.79	22.86
32.0	0811	3.0			0.73	3.8			7.6	7.6	94.6		0.13	11.9		31.48	16.80	22.86
32.0	0811	4.0			0.71	3.7			7.6	7.6	94.4		0.14	12.6		31.53	16.82	22.89
32.0	0811	5.0			0.70	3.6			7.6	7.5	94.4		0.17	14.1		31.55	16.83	22.91
32.0	0811	6.0			0.70	3.6			7.6	7.5	94.4		0.18	14.9		31.55	16.83	22.91
32.0	0811	7.0			0.72	3.7			7.6	7.6	94.4		0.19	15.4		31.56	16.83	22.91
32.0	0811	8.0			0.75	3.8			7.6	7.6	94.5		0.20	15.8		31.56	16.83	22.92
32.0	0811	9.0			0.77	3.9			7.6	7.6	94.6		0.21	16.3		31.56	16.83	22.92
32.0	0811	10.0			0.78	4.0			7.6	7.6	94.6		0.22	16.7		31.56	16.82	22.92
32.0	0811	11.0			0.78	4.0			7.6	7.6	94.6		0.23	17.4		31.57	16.82	22.93
32.0	0811	12.0			0.79	4.0			7.6	7.6	94.5		0.28	20.6		31.58	16.82	22.93
32.0	0811	13.0	4.7	0.78	0.79	4.0			7.6	7.6	94.6		0.35	24.2		31.58	16.82	22.93
31.0	0824	1.0			0.69	3.6			7.4	7.4	92.5		0.18	14.6	1.5	31.59	16.77	22.95
31.0	0824	2.0			0.68	3.6			7.4	7.4	92.6		0.18	14.5		31.59	16.77	22.95
31.0	0824	3.0			0.67	3.5			7.4	7.4	92.7		0.18	14.5		31.59	16.77	22.95
31.0	0824	4.0			0.64	3.4			7.4	7.4	92.7		0.18	14.6		31.61	16.78	22.96
31.0	0824	5.0			0.63	3.3			7.4	7.4	92.5		0.17	14.4		31.63	16.78	22.98
31.0	0824	6.0			0.62	3.3			7.4	7.4	92.6		0.17	14.1		31.64	16.78	22.99
31.0	0824	7.0			0.60	3.2			7.4	7.4	92.6		0.17	13.9		31.64	16.78	22.99
31.0	0824	8.0			0.61	3.2			7.4	7.4	92.5		0.17	13.9		31.64	16.78	22.99

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
31.0	0824	9.0			0.62	3.3		7.4	7.4	92.5		0.17	14.0		31.65	16.78	22.99
31.0	0824	10.0			0.62	3.3		7.4	7.4	92.5		0.17	14.3		31.66	16.77	23.00
31.0	0824	11.0			0.61	3.2		7.4	7.4	92.4		0.17	14.4		31.66	16.76	23.01
31.0	0824	12.0			0.61	3.2		7.4	7.4	92.4		0.18	14.5		31.67	16.75	23.01
31.0	0824	13.0			0.61	3.2		7.4	7.4	92.4		0.18	14.5		31.67	16.76	23.02
31.0	0824	14.0			0.61	3.2		7.4	7.4	92.1		0.19	15.0		31.68	16.77	23.02
30.0	0842	1.0			0.53	2.9		7.3	7.3	91.1		0.17	14.0	1.5	31.76	16.67	23.11
30.0	0842	2.0	2.7	0.70	0.53	2.9	7.2	7.3	7.3	91.0	13.9	0.17	13.9		31.76	16.68	23.11
30.0	0842	3.0			0.52	2.9		7.3	7.3	91.1		0.16	13.7		31.76	16.68	23.11
30.0	0842	4.0			0.52	2.8		7.3	7.3	91.2		0.16	13.7		31.76	16.68	23.11
30.0	0842	5.0			0.51	2.8		7.3	7.3	91.3		0.17	14.4		31.77	16.69	23.11
30.0	0842	6.0			0.51	2.8		7.3	7.3	91.3		0.19	15.1		31.77	16.68	23.11
30.0	0842	7.0			0.52	2.8		7.4	7.3	91.6		0.17	14.4		31.77	16.68	23.11
30.0	0842	8.0			0.52	2.8		7.3	7.3	91.5		0.19	15.2		31.80	16.69	23.13
30.0	0842	9.0			0.52	2.9		7.3	7.3	91.5		0.23	17.7		31.81	16.69	23.14
30.0	0842	10.0			0.53	2.9		7.4	7.3	91.7		0.26	19.2		31.81	16.70	23.14
30.0	0842	11.0			0.54	2.9		7.3	7.3	91.5		0.28	20.6		31.81	16.70	23.14
30.0	0842	12.0			0.54	2.9		7.3	7.3	91.5		0.33	23.3		31.81	16.70	23.14
30.0	0842	13.0	2.7	0.65	0.54	2.9		7.4	7.3	91.6		0.36	24.8		31.81	16.70	23.14
29.5	0951	1.0			0.54	2.9		7.3	7.3	91.0		0.13	11.8	1.3	31.77	16.70	23.10
29.5	0951	2.0			0.54	2.9		7.3	7.3	91.0		0.13	11.7		31.77	16.70	23.11
29.5	0951	3.0			0.53	2.9		7.3	7.3	91.0		0.13	11.9		31.77	16.70	23.11
29.5	0951	4.0			0.52	2.8		7.3	7.3	91.0		0.13	11.9		31.77	16.69	23.11
29.5	0951	5.0			0.50	2.8		7.3	7.3	90.8		0.13	11.9		31.77	16.68	23.11
29.5	0951	6.0			0.49	2.7		7.3	7.3	90.9		0.13	12.0		31.77	16.68	23.11
29.5	0951	7.0			0.48	2.7		7.3	7.3	90.9		0.14	12.2		31.77	16.67	23.11
29.5	0951	8.0			0.48	2.7		7.3	7.3	90.9		0.14	12.3		31.77	16.67	23.11
29.5	0951	9.0			0.48	2.7		7.3	7.3	90.9		0.14	12.5		31.77	16.67	23.11
29.5	0951	10.0			0.49	2.7		7.3	7.3	90.6		0.14	12.5		31.78	16.66	23.13
29.5	0951	11.0			0.49	2.7		7.3	7.2	90.4		0.14	12.6		31.79	16.65	23.14
29.5	0951	12.0			0.49	2.7		7.3	7.2	90.4		0.15	12.8		31.80	16.64	23.15

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STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CHL a	OXYG	OXYG	CALC	% OXY	DISCR	OBS	SPM	CALC	EXCOF	SALIN	TEMP	SIGT
29.5	0951	13.0			0.49	2.7			7.3	7.2	7.2	90.4		0.16	13.3			31.80	16.64	23.14
29.5	0951	14.0			0.49	2.7			7.3	7.2	7.2	90.5		0.16	13.5			31.81	16.64	23.15
29.5	0951	15.0			0.48	2.7			7.3	7.2	7.2	90.4		0.17	14.0			31.81	16.64	23.15
29.5	0951	16.0			0.48	2.7			7.3	7.2	7.2	90.3		0.17	14.2			31.81	16.64	23.15
29.0	1004	1.0			0.51	2.8			7.4	7.4	7.4	92.3		0.10	10.0		1.2	31.76	16.70	23.10
29.0	1004	2.0			0.51	2.8			7.4	7.4	7.4	92.3		0.10	10.0			31.77	16.69	23.11
29.0	1004	3.0			0.49	2.7			7.4	7.3	7.3	91.8		0.10	10.2			31.79	16.67	23.13
29.0	1004	4.0			0.49	2.7			7.3	7.3	7.3	91.2		0.12	11.1			31.81	16.65	23.15
29.0	1004	5.0			0.48	2.7			7.3	7.3	7.3	91.2		0.13	11.7			31.81	16.65	23.15
29.0	1004	6.0			0.46	2.6			7.3	7.3	7.3	91.0		0.14	12.2			31.81	16.65	23.15
29.0	1004	7.0			0.44	2.5			7.3	7.3	7.3	91.0		0.14	12.4			31.81	16.65	23.15
29.0	1004	8.0			0.44	2.5			7.3	7.3	7.3	91.1		0.15	12.8			31.82	16.64	23.16
29.0	1004	9.0			0.44	2.5			7.3	7.3	7.3	91.2		0.15	13.1			31.82	16.65	23.16
29.0	1004	10.0			0.44	2.5			7.3	7.3	7.3	91.4		0.16	13.5			31.83	16.65	23.17
29.0	1004	11.0			0.44	2.5			7.4	7.3	7.3	91.6		0.16	13.5			31.84	16.65	23.17
29.0	1004	12.0			0.44	2.5			7.4	7.4	7.4	91.9		0.16	13.5			31.85	16.65	23.18
29.0	1004	13.0			0.43	2.5			7.4	7.4	7.4	91.9		0.17	13.9			31.85	16.65	23.18
29.0	1004	14.0			0.43	2.4			7.4	7.4	7.4	91.9		0.17	14.1			31.86	16.66	23.19
28.0	1018	1.0			0.43	2.5			7.3	7.3	7.3	90.9		0.12	11.3		1.2	31.94	16.64	23.25
28.0	1018	2.0			0.43	2.5			7.3	7.3	7.3	90.8		0.12	11.1			31.94	16.63	23.25
28.0	1018	3.0			0.43	2.5			7.3	7.3	7.3	90.8		0.12	11.3			31.94	16.62	23.26
28.0	1018	4.0			0.43	2.5			7.3	7.3	7.3	90.9		0.12	11.4			31.94	16.62	23.26
28.0	1018	5.0			0.42	2.4			7.3	7.3	7.3	90.9		0.13	11.6			31.94	16.62	23.26
28.0	1018	6.0			0.40	2.3			7.3	7.3	7.3	91.0		0.13	11.7			31.94	16.62	23.26
28.0	1018	7.0			0.40	2.3			7.3	7.3	7.3	90.8		0.12	11.6			31.94	16.62	23.26
28.0	1018	8.0			0.39	2.3			7.3	7.3	7.3	90.9		0.13	11.6			31.95	16.62	23.26
28.0	1018	9.0			0.38	2.2			7.3	7.3	7.3	91.0		0.13	11.7			31.95	16.62	23.26
28.0	1018	10.0			0.38	2.2			7.3	7.3	7.3	90.9		0.13	12.1			31.96	16.63	23.27
28.0	1018	11.0			0.37	2.2			7.3	7.3	7.3	90.8		0.14	12.3			31.97	16.64	23.27
28.0	1018	12.0			0.38	2.2			7.3	7.3	7.3	90.9		0.15	13.0			31.97	16.63	23.27
28.0	1018	13.0			0.39	2.3			7.3	7.3	7.3	90.7		0.16	13.4			31.97	16.64	23.27

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CHL a	OXYG	OXYG	CALC	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
28.0	1018	14.0			0.39	2.3		2.3	7.3	7.3	7.3	90.8		0.16	13.7		31.97	16.64	23.27
28.0	1018	15.0			0.39	2.3		2.3	7.3	7.3	7.3	90.9		0.16	13.7		31.97	16.64	23.28
27.0	1031	1.0			0.34	2.0		2.0	7.3	7.3	7.3	91.2		0.05	7.2	1.0	32.01	16.81	23.27
27.0	1031	2.0	1.9	0.71	0.34	2.1	7.3	2.1	7.3	7.3	7.3	91.0	13.9	0.05	7.3		32.01	16.75	23.28
27.0	1031	3.0			0.35	2.1		2.1	7.3	7.3	7.3	90.9		0.06	8.0		32.01	16.73	23.29
27.0	1031	4.0			0.34	2.1		2.1	7.3	7.3	7.3	90.8		0.07	8.5		32.01	16.71	23.29
27.0	1031	5.0			0.35	2.1		2.1	7.3	7.2	7.2	90.7		0.07	8.7		32.01	16.70	23.29
27.0	1031	6.0			0.35	2.1		2.1	7.3	7.2	7.2	90.6		0.08	9.1		32.01	16.70	23.29
27.0	1031	7.0			0.33	2.0		2.0	7.2	7.2	7.2	90.3		0.08	9.3		32.01	16.69	23.29
27.0	1031	8.0			0.33	2.0		2.0	7.2	7.2	7.2	90.1		0.09	9.4		32.01	16.66	23.30
27.0	1031	9.0			0.33	2.0		2.0	7.2	7.2	7.2	90.2		0.09	9.9		32.01	16.66	23.30
27.0	1031	10.0			0.32	2.0		2.0	7.2	7.2	7.2	90.2		0.11	10.7		32.01	16.66	23.30
27.0	1031	11.0			0.31	1.9		1.9	7.2	7.2	7.2	89.9		0.12	11.3		32.01	16.66	23.30
27.0	1031	12.0	1.7	0.65	0.31	1.9		1.9	7.2	7.2	7.2	90.1		0.13	11.7		32.01	16.66	23.30
26.0	1045	1.0			0.39	2.3		2.3	7.3	7.3	7.3	91.2		0.06	7.8	1.1	32.00	16.74	23.27
26.0	1045	2.0			0.40	2.3		2.3	7.3	7.3	7.3	91.1		0.06	8.1		32.00	16.68	23.29
26.0	1045	3.0			0.39	2.3		2.3	7.3	7.3	7.3	90.8		0.07	8.6		32.00	16.66	23.29
26.0	1045	4.0			0.37	2.2		2.2	7.3	7.2	7.2	90.3		0.08	9.1		32.00	16.61	23.30
26.0	1045	5.0			0.35	2.1		2.1	7.3	7.2	7.2	90.3		0.09	9.4		32.00	16.54	23.32
26.0	1045	6.0			0.34	2.1		2.1	7.3	7.2	7.2	90.3		0.09	9.9		32.00	16.52	23.33
26.0	1045	7.0			0.33	2.0		2.0	7.3	7.3	7.3	90.4		0.10	10.2		32.00	16.51	23.33
26.0	1045	8.0			0.33	2.0		2.0	7.3	7.3	7.3	90.4		0.10	10.5		32.00	16.50	23.33
26.0	1045	9.0			0.33	2.0		2.0	7.3	7.2	7.2	90.2		0.11	10.9		32.00	16.50	23.33
26.0	1045	10.0			0.32	2.0		2.0	7.3	7.3	7.3	90.5		0.12	11.2		32.00	16.49	23.33
25.0	1100	1.0			0.37	2.2		2.2	7.5	7.4	7.4	93.4		0.05	7.4	0.9	31.98	16.92	23.22
25.0	1100	2.0			0.37	2.2		2.2	7.4	7.4	7.4	93.2		0.05	7.3		31.98	16.91	23.22
25.0	1100	3.0			0.36	2.1		2.1	7.4	7.4	7.4	92.9		0.05	7.5		31.98	16.88	23.23
25.0	1100	4.0			0.34	2.1		2.1	7.4	7.4	7.4	93.0		0.06	7.8		31.98	16.85	23.23
25.0	1100	5.0			0.34	2.0		2.0	7.4	7.4	7.4	93.1		0.06	8.1		31.98	16.84	23.23
25.0	1100	6.0			0.32	2.0		2.0	7.4	7.4	7.4	93.0		0.06	8.1		31.98	16.84	23.23

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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
25.0	1100	7.0			0.32	2.0		7.4	7.4	92.9	0.06	8.1		31.98	16.84	23.23
25.0	1100	8.0			0.32	2.0		7.4	7.4	92.9	0.06	8.1		31.98	16.85	23.23
24.0	1058	1.0			0.33	2.0		7.2	7.2	90.8	0.04	6.5	0.8	31.86	17.18	23.07
24.0	1058	2.0	1.6	0.72	0.33	2.0	7.2	7.2	90.5	6.3	0.03	6.4		31.87	17.15	23.08
24.0	1058	3.0			0.33	2.0		7.2	7.2	90.5	0.04	6.8		31.86	17.12	23.08
24.0	1058	4.0			0.32	2.0		7.2	7.2	90.5	0.05	7.4		31.86	17.11	23.08
24.0	1058	5.0			0.32	2.0		7.2	7.2	90.4	0.05	7.3		31.86	17.11	23.08
24.0	1058	6.0			0.31	1.9		7.2	7.2	90.5	0.05	7.4		31.86	17.10	23.08
24.0	1058	7.0			0.30	1.9		7.2	7.2	90.4	0.05	7.5		31.86	17.10	23.08
24.0	1058	8.0			0.29	1.9		7.2	7.2	90.5	0.05	7.4		31.86	17.10	23.08
24.0	1058	9.0			0.29	1.9		7.2	7.2	90.4	0.06	7.7		31.86	17.10	23.08
24.0	1058	10.0	1.6	0.72	0.29	1.9		7.2	7.2	90.4	0.06	7.7		31.86	17.10	23.08
23.0	1131	1.0			0.43	2.5		7.4	7.4	92.0	0.04	6.6	0.9	31.67	16.59	23.06
23.0	1131	2.0			0.46	2.6		7.4	7.4	91.6	0.04	6.6		31.68	16.54	23.07
23.0	1131	3.0			0.48	2.7		7.4	7.4	91.5	0.04	6.8		31.67	16.45	23.08
23.0	1131	4.0			0.47	2.6		7.4	7.4	91.3	0.05	7.4		31.66	16.40	23.09
23.0	1131	5.0			0.47	2.6		7.4	7.4	91.3	0.06	7.8		31.66	16.38	23.10
23.0	1131	6.0			0.46	2.6		7.4	7.4	91.3	0.06	7.9		31.66	16.37	23.10
23.0	1131	7.0			0.44	2.5		7.4	7.4	91.3	0.06	8.2		31.66	16.36	23.10
23.0	1131	8.0			0.44	2.5		7.4	7.4	91.4	0.06	8.1		31.66	16.36	23.10
23.0	1131	9.0			0.45	2.5		7.4	7.4	91.3	0.06	8.2		31.66	16.36	23.10
23.0	1131	10.0			0.45	2.5		7.4	7.4	91.4	0.06	8.2		31.65	16.35	23.10
23.0	1131	11.0			0.44	2.5		7.4	7.4	91.4	0.06	8.2		31.65	16.34	23.10
23.0	1131	12.0			0.44	2.5		7.4	7.4	91.4	0.07	8.7		31.65	16.35	23.09
23.0	1131	13.0			0.45	2.5		7.4	7.4	91.4	0.07	8.7		31.65	16.34	23.10
23.0	1131	14.0			0.46	2.6		7.4	7.4	91.5	0.07	8.7		31.65	16.34	23.10
23.0	1131	15.0			0.45	2.6		7.4	7.4	91.3	0.07	8.7		31.65	16.33	23.10
23.0	1131	16.0			0.45	2.5		7.4	7.4	91.5	0.08	9.0		31.65	16.34	23.10
22.0	1148	1.0			0.41	2.4		7.5	7.4	91.6	0.01	5.1	0.7	31.63	16.03	23.15
22.0	1148	2.0			0.44	2.5		7.5	7.4	91.5	0.01	5.3		31.62	15.94	23.17

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CHL a	OXYG	CALC	% OXY	DISCR	OBS	SPM	CALC	EXCOF	SALIN	TEMP	SIGT
22.0	1148	3.0			0.47	2.6			7.4	7.4	91.2		0.01		5.4		31.62	15.89	23.18
22.0	1148	4.0			0.47	2.6			7.4	7.4	90.9		0.02		5.5		31.62	15.84	23.19
22.0	1148	5.0			0.46	2.6			7.4	7.4	90.5		0.02		5.6		31.61	15.77	23.19
22.0	1148	6.0			0.44	2.5			7.4	7.4	90.6		0.02		5.6		31.61	15.74	23.20
22.0	1148	7.0			0.43	2.5			7.4	7.4	90.5		0.02		5.8		31.60	15.73	23.20
22.0	1148	8.0			0.41	2.4			7.4	7.4	90.4		0.02		5.8		31.60	15.70	23.20
22.0	1148	9.0			0.40	2.3			7.4	7.4	90.4		0.02		5.8		31.60	15.67	23.21
22.0	1148	10.0			0.40	2.3			7.4	7.4	90.2		0.02		5.8		31.60	15.67	23.20
22.0	1148	11.0			0.40	2.3			7.4	7.4	90.1		0.03		6.0		31.59	15.63	23.21
22.0	1148	12.0			0.40	2.3			7.4	7.4	90.1		0.03		6.0		31.59	15.62	23.21
22.0	1148	13.0			0.41	2.4			7.4	7.4	90.3		0.03		6.1		31.59	15.60	23.21
22.0	1148	14.0			0.41	2.4			7.4	7.4	90.2		0.03		6.3		31.59	15.59	23.21
22.0	1148	15.0			0.41	2.4			7.4	7.4	90.2		0.03		6.3		31.58	15.57	23.22
22.0	1148	16.0			0.42	2.4			7.4	7.4	90.4		0.04		6.7		31.58	15.57	23.22
21.0	1200	1.0			0.44	2.5			7.5	7.5	91.2		0.02		5.9	0.8	31.50	15.54	23.16
21.0	1200	2.0			0.45	2.5			7.5	7.5	91.2		0.04		6.6		31.51	15.53	23.17
21.0	1200	3.0			0.45	2.6			7.5	7.5	91.2		0.03		6.3		31.51	15.52	23.17
21.0	1200	4.0			0.44	2.5			7.5	7.5	91.3		0.03		6.3		31.51	15.52	23.17
21.0	1200	5.0			0.44	2.5			7.5	7.5	91.3		0.03		6.3		31.52	15.52	23.17
21.0	1200	6.0			0.44	2.5			7.5	7.5	91.3		0.03		6.4		31.52	15.53	23.18
21.0	1200	7.0			0.44	2.5			7.5	7.5	91.3		0.03		6.2		31.52	15.53	23.18
21.0	1200	8.0			0.43	2.5			7.5	7.5	91.3		0.03		6.0		31.53	15.53	23.18
21.0	1200	9.0			0.43	2.5			7.5	7.5	91.3		0.03		6.1		31.53	15.54	23.18
21.0	1200	10.0			0.43	2.5			7.5	7.5	91.3		0.03		6.1		31.53	15.54	23.18
21.0	1200	11.0			0.43	2.4			7.5	7.5	91.3		0.03		6.0		31.53	15.54	23.18
21.0	1200	12.0			0.43	2.5			7.5	7.5	91.3		0.03		6.0		31.53	15.53	23.18
21.0	1200	13.0			0.43	2.5			7.5	7.5	91.4		0.03		6.0		31.52	15.53	23.18
21.0	1200	14.0			0.44	2.5			7.5	7.5	91.4		0.03		6.0		31.53	15.54	23.18
21.0	1200	15.0			0.44	2.5			7.5	7.5	91.4		0.03		6.1		31.53	15.54	23.18
21.0	1200	16.0			0.46	2.6			7.5	7.5	91.3		0.03		6.1		31.53	15.54	23.18
21.0	1200	17.0			0.46	2.6			7.5	7.5	91.3		0.03		6.1		31.53	15.54	23.18

South San Francisco Bay

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STN	TIME	DEPTH	DISC CHL a/	DISC CHL a	FLUOR	CALC CHL a	DISC CHL a	OKYG	OKYG	CALC OKYG	% OXY SAT	DISC SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
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	n	r^2	Slope	Inter.	Std. Err.
Fluorometer Calibration:	12	0.532	4.359	0.580	0.824
OBS Calibration:	12	0.933	56.300	4.570	1.100
Dissolved Oxygen Calibration:	13	0.974	0.980	0.125	0.109

Discrete SPM and Oxygen regression coefficients used
SeaBird v4.026

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North San Francisco Bay

STN	TIME	DEPTH	DISC CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISC OXYG	CALC OXYG	% OXY	DISC SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
657.0	1927	1.0			0.43	2.2					0.10	10.4		0.33	16.64	0.00
657.0	1927	2.0	1.6	0.83	0.43	2.2				11.8	0.11	10.5		0.36	16.68	0.00
657.0	1927	3.0			0.42	2.1					0.11	10.9		0.40	16.60	0.00
657.0	1927	4.0			0.39	1.9					0.12	11.2		0.42	16.54	0.00
657.0	1927	5.0			0.38	1.8					0.12	11.2		0.44	16.50	0.00
657.0	1927	6.0			0.37	1.7					0.12	11.3		0.44	16.47	0.00
657.0	1927	7.0			0.36	1.6					0.12	11.4		0.44	16.46	0.00
657.0	1927	8.0			0.36	1.6					0.12	11.5		0.45	16.44	0.00
657.0	1927	9.0			0.36	1.6					0.13	11.6		0.45	16.42	0.00
657.0	1927	10.0			0.35	1.6					0.13	11.6		0.45	16.41	0.00
657.0	1927	11.0	1.2	0.62	0.35	1.6					0.12	11.3		0.45	16.41	0.00
653.0	1900	1.0			0.35	1.5		9.5	9.4	97.1	0.18	14.8		1.35	16.64	0.00
653.0	1900	2.0			0.36	1.6		9.5	9.3	97.0	0.17	14.0		1.28	16.67	0.00
653.0	1900	3.0			0.36	1.7		9.5	9.3	96.9	0.17	13.9		1.26	16.68	0.00
653.0	1900	4.0			0.36	1.6		9.4	9.2	96.1	0.16	13.8		1.39	16.65	0.00
653.0	1900	5.0			0.33	1.4		9.4	9.3	96.2	0.17	14.1		1.61	16.51	0.10
653.0	1900	6.0			0.31	1.2		9.3	9.2	95.8	0.19	15.6		2.32	16.55	0.63
653.0	1900	7.0			0.30	1.1		9.3	9.2	95.5	0.27	19.9		2.59	16.51	0.85
653.0	1900	8.0			0.30	1.1		9.3	9.2	95.6	0.32	22.7		2.66	16.50	0.91
653.0	1900	9.0			0.30	1.1		9.3	9.2	95.8	0.39	26.3		2.69	16.49	0.93
649.0	1834	1.0			0.28	0.9		9.2	9.1	96.7	0.16	13.5		3.77	17.20	1.63
649.0	1834	2.0	1.0	0.80	0.28	0.9	9.0	9.1	9.0	95.6	0.15	13.1		3.91	17.03	1.77
649.0	1834	3.0			0.27	0.8		9.1	9.0	95.8	0.17	14.0		4.28	16.84	2.08
649.0	1834	4.0			0.27	0.8		9.1	9.0	95.8	0.22	16.8		4.44	16.81	2.22
649.0	1834	5.0			0.27	0.8		9.1	9.0	95.8	0.24	18.0		4.54	16.80	2.29
649.0	1834	6.0			0.27	0.8		9.1	9.0	95.9	0.26	19.1		4.57	16.80	2.31
649.0	1834	7.0			0.27	0.8		9.1	9.0	96.0	0.26	19.5		4.63	16.79	2.36
649.0	1834	8.0			0.27	0.8		9.1	9.0	96.0	0.27	19.7		4.65	16.79	2.38
649.0	1834	9.0			0.27	0.8		9.1	9.0	96.1	0.27	19.8		4.68	16.79	2.40
649.0	1834	10.0			0.27	0.8		9.1	9.0	96.0	0.30	21.5		4.77	16.81	2.46
649.0	1834	11.0	0.9	0.57	0.27	0.8		9.2	9.1	96.3	0.33	22.9		4.77	16.81	2.47

North San Francisco Bay

26 October 1994

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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
2.0	1815	1.0			0.27	0.9		9.1	9.0	96.3	0.13	11.6		5.05	17.03	2.64
2.0	1815	2.0			0.27	0.8		9.1	9.0	96.4	0.12	11.4		5.50	16.88	3.01
2.0	1815	3.0			0.27	0.8		9.0	8.9	96.1	0.12	11.6		6.03	16.91	3.41
2.0	1815	4.0			0.27	0.8		9.0	8.9	95.9	0.13	12.0		6.55	16.84	3.82
2.0	1815	5.0			0.27	0.8		9.0	8.9	96.1	0.14	12.6		6.82	16.77	4.04
2.0	1815	6.0			0.27	0.9		9.0	8.9	96.2	0.18	14.6		6.82	16.77	4.03
2.0	1815	7.0			0.28	0.9		9.0	9.0	96.3	0.24	18.1		6.83	16.76	4.05
2.0	1815	8.0			0.28	0.9		9.0	9.0	96.3	0.29	20.8		6.84	16.76	4.05
2.0	1815	9.0			0.28	0.9		9.0	8.9	96.1	0.32	22.5		6.91	16.74	4.11
2.0	1815	10.0			0.29	1.0		9.0	8.9	96.2	0.35	24.3		7.02	16.72	4.20
2.0	1815	11.0			0.29	1.0		9.0	8.9	96.2	0.41	27.8		7.13	16.69	4.29
3.0	1801	1.0			0.28	0.9		9.1	9.0	97.3	0.11	10.8	1.3	5.63	17.17	3.05
3.0	1801	2.0	1.1	0.84	0.28	0.9	9.0	9.1	9.0	97.4	0.11	10.8		5.94	17.11	3.30
3.0	1801	3.0			0.27	0.9		9.1	9.0	97.3	0.12	11.2		6.32	17.06	3.61
3.0	1801	4.0			0.27	0.8		9.1	9.0	96.8	0.12	11.2		6.46	17.04	3.71
3.0	1801	5.0			0.26	0.7		8.9	8.9	95.8	0.12	11.2		6.93	16.97	4.09
3.0	1801	6.0			0.26	0.7		9.0	8.9	95.9	0.12	11.5		7.21	16.76	4.34
3.0	1801	7.0			0.25	0.7		9.0	8.9	95.7	0.13	11.7		7.34	16.71	4.44
3.0	1801	8.0			0.25	0.7		9.0	8.9	95.8	0.13	12.0		7.51	16.66	4.59
3.0	1801	9.0			0.26	0.8		9.0	8.9	95.9	0.14	12.3		8.04	16.62	5.00
3.0	1801	10.0			0.28	0.9		8.9	8.9	96.0	0.21	16.5		8.69	16.59	5.49
3.0	1801	11.0			0.28	0.9		8.9	8.9	96.1	0.32	22.6		8.76	16.58	5.55
3.0	1801	12.0	0.5	0.28	0.28	0.9		9.0	8.9	96.3	0.40	26.8		8.81	16.58	5.59
4.0	1740	1.0			0.30	1.1		9.1	9.0	97.5	0.10	10.4	1.2	7.50	17.09	4.49
4.0	1740	2.0			0.30	1.1		9.1	9.0	97.6	0.11	10.8		7.79	16.98	4.74
4.0	1740	3.0			0.29	1.1		9.1	9.0	97.6	0.12	11.2		7.94	16.96	4.86
4.0	1740	4.0			0.30	1.1		9.1	9.0	97.6	0.14	12.2		8.16	16.92	5.03
4.0	1740	5.0			0.30	1.1		9.0	8.9	97.2	0.15	13.0		8.28	16.89	5.13
4.0	1740	6.0			0.29	1.0		8.9	8.8	96.1	0.15	13.2		8.51	16.80	5.32
4.0	1740	7.0			0.27	0.9		8.9	8.8	96.0	0.16	13.5		8.98	16.59	5.72
4.0	1740	8.0			0.26	0.8		8.9	8.8	96.0	0.15	13.2		9.49	16.53	6.12

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
4.0	1740	9.0			0.26	0.7		8.9	8.8	96.3		0.14	12.7		10.04	16.51	6.55
4.0	1740	10.0			0.26	0.7		8.9	8.8	96.5		0.14	12.6		10.40	16.52	6.81
4.0	1740	11.0			0.26	0.8		8.9	8.8	96.5		0.15	12.8		10.84	16.52	7.15
4.0	1740	12.0			0.27	0.8		8.8	8.8	96.4		0.17	14.3		11.08	16.51	7.33
4.0	1740	13.0			0.27	0.8		8.8	8.8	96.5		0.19	15.4		11.23	16.50	7.45
4.0	1740	14.0			0.27	0.9		8.8	8.8	96.6		0.22	17.1		11.51	16.50	7.66
4.0	1740	15.0			0.27	0.9		8.8	8.8	96.5		0.24	18.3		11.64	16.50	7.76
4.0	1740	16.0			0.27	0.9		8.8	8.8	96.6		0.28	20.4		11.64	16.50	7.77
4.0	1740	17.0			0.28	0.9		8.8	8.8	96.5		0.30	21.3		11.65	16.50	7.77
4.0	1740	18.0			0.28	0.9		8.8	8.8	96.6		0.30	21.7		11.65	16.50	7.77
5.0	1723	1.0			0.36	1.6		8.9	8.9	97.3		0.12	11.4	1.3	8.22	17.35	5.00
5.0	1723	2.0			0.33	1.4		8.8	8.7	95.6		0.13	11.7		9.56	16.86	6.11
5.0	1723	3.0			0.29	1.0		8.8	8.8	96.1		0.13	11.7		10.38	16.51	6.80
5.0	1723	4.0			0.27	0.8		8.8	8.7	96.0		0.12	11.3		11.55	16.49	7.70
5.0	1723	5.0			0.26	0.8		8.8	8.7	96.2		0.11	10.8		12.35	16.46	8.31
5.0	1723	6.0			0.26	0.8		8.7	8.7	96.4		0.11	10.9		13.04	16.43	8.85
5.0	1723	7.0			0.28	0.9		8.7	8.7	96.4		0.17	14.3		13.61	16.43	9.28
5.0	1723	8.0			0.29	1.0		8.7	8.7	96.4		0.27	19.9		13.67	16.43	9.33
5.0	1723	9.0			0.30	1.1		8.7	8.7	96.5		0.34	23.8		13.76	16.43	9.40
5.0	1723	10.0			0.31	1.2		8.7	8.7	96.6		0.38	25.7		13.81	16.43	9.44
5.0	1723	11.0			0.31	1.2		8.7	8.7	96.5		0.40	26.9		13.84	16.43	9.46
5.0	1723	12.0			0.32	1.3		8.7	8.7	96.5		0.41	27.9		13.84	16.43	9.46
5.0	1723	13.0			0.33	1.3		8.8	8.7	97.1		0.43	28.7		13.84	16.43	9.46
6.0	1704	1.0			0.39	1.9		8.9	8.9	98.5		0.09	9.8	1.2	11.54	16.92	7.61
6.0	1704	2.0	2.0	0.88	0.38	1.8	8.8	8.8	8.8	97.4	9.1	0.09	9.4		11.89	16.77	7.90
6.0	1704	3.0			0.34	1.5		8.8	8.8	97.1		0.09	9.7		12.65	16.55	8.53
6.0	1704	4.0			0.30	1.1		8.8	8.7	97.1		0.10	10.3		13.05	16.48	8.85
6.0	1704	5.0			0.28	0.9		8.7	8.7	97.0		0.10	10.0		13.77	16.47	9.40
6.0	1704	6.0			0.28	0.9		8.7	8.7	96.9		0.09	9.7		14.38	16.45	9.86
6.0	1704	7.0			0.28	0.9		8.7	8.6	96.9		0.09	9.6		14.84	16.44	10.21
6.0	1704	8.0			0.27	0.9		8.6	8.6	96.9		0.09	9.4		16.12	16.45	11.19

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North San Francisco Bay

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
6.0	1704	9.0			0.28	0.9		8.5	8.5	96.7		0.09	9.5		17.09	16.46	11.93
6.0	1704	10.0			0.28	0.9		8.5	8.5	96.6		0.14	12.3		17.16	16.46	11.98
6.0	1704	11.0			0.29	1.0		8.5	8.5	96.5		0.19	15.0		17.18	16.46	12.00
6.0	1704	12.0	1.0	0.97	0.29	1.0		8.5	8.5	96.6		0.23	17.5		17.19	16.46	12.00
7.0	1641	1.0			0.45	2.5		8.9	8.8	100.6		0.07	8.6	1.0	15.40	17.18	10.50
7.0	1641	2.0			0.46	2.5		8.8	8.7	99.4		0.06	7.8		15.47	17.17	10.55
7.0	1641	3.0			0.43	2.2		8.7	8.6	98.8		0.06	7.9		16.04	17.03	11.01
7.0	1641	4.0			0.39	1.9		8.6	8.5	97.7		0.07	8.5		16.50	16.92	11.39
7.0	1641	5.0			0.35	1.5		8.5	8.5	97.3		0.08	8.9		17.18	16.74	11.94
7.0	1641	6.0			0.31	1.2		8.4	8.4	96.4		0.07	8.7		17.66	16.65	12.32
7.0	1641	7.0			0.29	1.0		8.4	8.4	96.3		0.08	9.0		18.21	16.56	12.77
7.0	1641	8.0			0.27	0.8		8.4	8.4	96.1		0.08	9.0		18.64	16.50	13.11
7.0	1641	9.0			0.25	0.7		8.3	8.3	96.2		0.07	8.5		19.08	16.47	13.45
7.0	1641	10.0			0.25	0.6		8.3	8.3	96.0		0.07	8.7		19.36	16.46	13.66
7.0	1641	11.0			0.25	0.6		8.3	8.3	95.9		0.09	9.6		20.03	16.44	14.18
7.0	1641	12.0			0.25	0.7		8.2	8.2	95.7		0.15	13.1		20.53	16.43	14.56
7.0	1641	13.0			0.26	0.8		8.2	8.2	95.7		0.24	18.2		20.72	16.42	14.71
7.0	1641	14.0			0.26	0.8		8.2	8.2	95.7		0.26	19.3		20.71	16.42	14.70
8.0	1617	1.0			0.60	3.7		8.8	8.7	101.0		0.07	8.6	1.1	17.24	17.26	11.88
8.0	1617	2.0			0.55	3.3		8.5	8.5	98.4		0.07	8.5		17.70	17.12	12.27
8.0	1617	3.0			0.41	2.1		8.4	8.4	96.6		0.08	9.3		18.67	16.77	13.07
8.0	1617	4.0			0.32	1.3		8.3	8.3	96.2		0.08	9.0		19.59	16.56	13.82
8.0	1617	5.0			0.27	0.9		8.2	8.3	95.8		0.08	8.9		20.26	16.49	14.34
8.0	1617	6.0			0.26	0.7		8.2	8.2	95.8		0.08	9.0		20.75	16.46	14.73
8.0	1617	7.0			0.25	0.6		8.2	8.2	95.7		0.09	9.8		21.15	16.43	15.04
8.0	1617	8.0			0.24	0.6		8.2	8.2	95.5		0.10	10.4		21.28	16.41	15.14
8.0	1617	9.0			0.24	0.5		8.1	8.2	95.3		0.11	10.6		21.63	16.38	15.41
8.0	1617	10.0			0.23	0.5		8.1	8.1	95.2		0.10	10.3		22.10	16.35	15.78
8.0	1617	11.0			0.24	0.6		8.1	8.1	95.1		0.09	9.6		22.44	16.32	16.05
8.0	1617	12.0			0.26	0.7		8.1	8.1	95.1		0.16	13.5		22.62	16.31	16.19
8.0	1617	13.0			0.27	0.8		8.1	8.1	95.0		0.32	22.6		22.68	16.30	16.23

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	EXCOF	SALIN	TEMP	SIGT
8.0	1617	14.0			0.26	0.8		8.1	8.1	95.3		0.40		22.71	16.30	16.26
9.0	1553	1.0			0.52	3.0		8.5	8.5	98.9		0.04	0.9	20.05	16.85	14.11
9.0	1553	2.0	2.8	0.91	0.52	3.0	8.3	8.4	8.4	98.0	6.3	0.04		20.07	16.82	14.13
9.0	1553	3.0			0.47	2.6		8.4	8.4	97.4		0.04		20.16	16.68	14.23
9.0	1553	4.0			0.39	1.9		8.4	8.4	97.1		0.05		20.27	16.59	14.33
9.0	1553	5.0			0.33	1.3		8.3	8.3	96.8		0.06		20.39	16.55	14.43
9.0	1553	6.0			0.29	1.0		8.2	8.3	96.0		0.06		20.57	16.52	14.57
9.0	1553	7.0			0.26	0.7		8.2	8.2	95.8		0.07		21.08	16.44	14.98
9.0	1553	8.0			0.25	0.6		8.2	8.2	95.5		0.06		21.46	16.41	15.28
9.0	1553	9.0			0.24	0.6		8.1	8.1	95.1		0.06		22.18	16.35	15.84
9.0	1553	10.0			0.24	0.5		8.1	8.1	95.2		0.07		22.90	16.29	16.40
9.0	1553	11.0			0.24	0.5		8.0	8.1	95.1		0.06		23.13	16.29	16.58
9.0	1553	12.0			0.24	0.6		8.0	8.1	95.0		0.06		23.44	16.27	16.82
9.0	1553	13.0			0.24	0.6		8.0	8.1	95.1		0.07		23.56	16.27	16.91
9.0	1553	14.0			0.25	0.6		8.0	8.1	95.0		0.07		23.61	16.27	16.95
9.0	1553	15.0			0.25	0.7		8.0	8.0	94.9		0.08		23.76	16.26	17.07
9.0	1553	16.0			0.25	0.7		8.0	8.0	95.0		0.09		23.80	16.26	17.10
9.0	1553	17.0			0.25	0.7		8.0	8.0	94.9		0.10		23.80	16.26	17.10
9.0	1553	18.0			0.26	0.7		8.0	8.0	94.9		0.11		23.89	16.26	17.17
9.0	1553	19.0			0.26	0.8		8.0	8.0	95.0		0.13		23.97	16.25	17.23
9.0	1553	20.0			0.26	0.8		8.0	8.0	95.0		0.14		23.98	16.25	17.24
9.0	1553	21.0			0.26	0.8		8.0	8.0	94.9		0.17		23.99	16.25	17.25
9.0	1553	22.0			0.26	0.8		8.0	8.0	94.9		0.19		23.99	16.25	17.25
9.0	1553	23.0			0.27	0.8		8.0	8.0	94.9		0.21		24.00	16.25	17.25
9.0	1553	24.0			0.28	0.9		8.0	8.0	94.9		0.22		24.06	16.25	17.30
9.0	1553	25.0			0.29	1.0		8.0	8.0	94.9		0.33		24.12	16.24	17.35
9.0	1553	26.0			0.30	1.1		8.0	8.0	94.7		0.44		24.15	16.24	17.37
9.0	1553	27.0			0.30	1.1		8.0	8.0	95.0		0.60		24.17	16.24	17.38
10.0	1543	1.0			0.36	1.6		8.2	8.2	96.5		0.09	0.9	20.74	16.74	14.66
10.0	1543	2.0			0.32	1.3		8.2	8.2	96.1		0.08		21.22	16.52	15.07
10.0	1543	3.0			0.30	1.1		8.2	8.2	96.0		0.07		21.46	16.46	15.27

North San Francisco Bay

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	EXCOF	SALIN	TEMP	SIGT
10.0	1543	4.0			0.28	0.9		8.2	8.2	95.8	0.07	8.5	21.50	16.45	15.30
10.0	1543	5.0			0.27	0.8		8.2	8.2	95.8	0.06	8.2	21.57	16.43	15.36
10.0	1543	6.0			0.26	0.8		8.2	8.2	95.8	0.06	8.0	21.63	16.42	15.41
10.0	1543	7.0			0.26	0.7		8.2	8.2	95.7	0.06	8.1	21.66	16.41	15.43
10.0	1543	8.0			0.25	0.7		8.1	8.2	95.5	0.06	8.0	21.90	16.38	15.62
10.0	1543	9.0			0.24	0.6		8.1	8.1	95.4	0.06	8.0	22.46	16.34	16.06
10.0	1543	10.0			0.25	0.6		8.1	8.1	95.4	0.06	8.1	22.75	16.32	16.28
10.0	1543	11.0			0.25	0.7		8.1	8.1	95.4	0.06	8.1	22.95	16.32	16.44
10.0	1543	12.0			0.25	0.6		8.1	8.1	95.4	0.06	8.2	23.11	16.30	16.56
10.0	1543	13.0			0.25	0.7		8.1	8.1	95.4	0.06	8.0	23.18	16.30	16.62
10.0	1543	14.0			0.25	0.7		8.1	8.1	95.4	0.06	8.0	23.31	16.29	16.72
10.0	1543	15.0			0.25	0.7		8.0	8.1	95.3	0.06	7.8	23.51	16.29	16.87
10.0	1543	16.0			0.25	0.7		8.0	8.1	95.2	0.05	7.7	23.66	16.28	16.99
10.0	1543	17.0			0.26	0.7		8.0	8.0	95.2	0.06	8.0	24.29	16.25	17.48
10.0	1543	18.0			0.26	0.8		8.0	8.0	95.1	0.09	9.6	24.46	16.24	17.60
10.0	1543	19.0			0.26	0.7		8.0	8.0	95.1	0.10	10.5	24.47	16.24	17.61
10.0	1543	20.0			0.26	0.7		8.0	8.0	95.3	0.11	10.7	24.48	16.24	17.63
11.0	1514	1.0			0.36	1.7		8.2	8.2	96.8	0.04	6.9	22.94	16.42	16.41
11.0	1514	2.0			0.36	1.6		8.1	8.2	96.3	0.04	7.0	23.05	16.41	16.49
11.0	1514	3.0			0.32	1.3		8.1	8.1	96.1	0.04	7.0	23.56	16.35	16.90
11.0	1514	4.0			0.29	1.0		8.0	8.1	95.6	0.04	6.9	23.83	16.32	17.11
11.0	1514	5.0			0.27	0.8		8.0	8.1	95.4	0.04	7.0	24.53	16.23	17.66
11.0	1514	6.0			0.25	0.7		8.0	8.0	95.6	0.04	6.9	25.09	16.19	18.10
11.0	1514	7.0			0.25	0.6		8.0	8.0	95.5	0.04	6.8	25.32	16.19	18.28
11.0	1514	8.0			0.25	0.6		8.0	8.0	95.7	0.03	6.5	25.78	16.19	18.63
11.0	1514	9.0			0.25	0.6		8.0	8.0	95.7	0.02	5.9	25.99	16.18	18.79
11.0	1514	10.0			0.25	0.6		7.9	8.0	95.6	0.02	5.9	26.19	16.17	18.95
11.0	1514	11.0			0.25	0.6		7.9	8.0	95.6	0.02	5.9	26.48	16.16	19.17
11.0	1514	12.0			0.24	0.6		7.9	8.0	95.7	0.02	5.8	26.74	16.14	19.38
11.0	1514	13.0			0.24	0.6		7.9	8.0	95.7	0.03	6.4	26.85	16.14	19.46
11.0	1514	14.0			0.25	0.7		7.9	8.0	95.4	0.04	6.9	26.92	16.13	19.52
11.0	1514	15.0			0.26	0.7		7.9	7.9	95.4	0.06	8.2	27.17	16.10	19.71

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CHL a	OXYG	CALC	% OXY	DISCR	SPM	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
11.0	1514	16.0			0.26	0.7			7.9	8.0	95.5			0.09	9.4		27.25	16.09	19.78
11.0	1514	17.0			0.27	0.8			7.9	8.0	95.5			0.10	10.0		27.27	16.08	19.80
11.0	1514	18.0			0.27	0.8			7.9	7.9	95.4			0.10	10.2		27.28	16.08	19.81
11.0	1514	19.0			0.27	0.8			7.9	8.0	95.6			0.10	10.0		27.28	16.08	19.81
11.0	1514	20.0			0.28	0.9			7.9	8.0	95.6			0.10	10.3		27.28	16.08	19.81
11.0	1514	21.0			0.28	0.9			7.9	8.0	95.6			0.10	10.3		27.28	16.08	19.81
11.0	1514	22.0			0.28	0.9			7.9	7.9	95.4			0.11	10.7		27.28	16.08	19.80
11.0	1514	23.0			0.28	0.9			7.9	8.0	95.5			0.12	11.1		27.28	16.08	19.80
12.0	1456	1.0			0.39	1.9			7.8	7.9	94.3			0.03	6.4	0.8	23.71	17.01	16.88
12.0	1456	2.0			0.43	2.2			8.0	8.0	95.0			0.04	6.5		24.32	16.36	17.47
12.0	1456	3.0			0.41	2.1			8.0	8.0	95.4			0.04	6.5		25.16	16.19	18.15
12.0	1456	4.0			0.36	1.6			8.0	8.0	95.5			0.03	6.3		25.65	16.17	18.53
12.0	1456	5.0			0.31	1.2			7.9	8.0	95.3			0.03	6.2		26.67	16.14	19.32
12.0	1456	6.0			0.29	1.0			7.9	7.9	95.2			0.03	6.0		27.34	16.10	19.84
12.0	1456	7.0			0.27	0.8			7.8	7.9	95.0			0.02	5.7		27.69	16.03	20.13
12.0	1456	8.0			0.26	0.8			7.8	7.9	95.1			0.03	6.2		28.03	15.99	20.39
12.0	1456	9.0			0.25	0.7			7.8	7.9	95.0			0.03	6.5		28.14	15.98	20.48
12.0	1456	10.0			0.25	0.7			7.8	7.9	95.4			0.04	6.9		28.15	15.98	20.49
13.0	1412	1.0			0.43	2.2			8.0	8.1	98.1			0.00	4.7	0.7	27.14	16.80	19.53
13.0	1412	2.0			0.45	2.4			7.9	7.9	96.1			0.00	4.6		27.15	16.57	19.60
13.0	1412	3.0	1.8	0.96	0.48	2.7		8.0	7.9	7.9	95.6	3.2		0.00	4.7		27.69	16.15	20.10
13.0	1412	4.0			0.42	2.2			7.8	7.9	95.3			0.01	5.0		28.34	15.93	20.65
13.0	1412	5.0			0.35	1.6			7.8	7.9	94.8			0.03	6.3		28.62	15.84	20.88
13.0	1412	6.0			0.32	1.2			7.8	7.9	94.6			0.04	6.5		28.73	15.80	20.97
13.0	1412	7.0			0.30	1.1			7.8	7.9	94.7			0.05	7.1		28.85	15.77	21.07
13.0	1412	8.0			0.29	1.0			7.8	7.9	94.6			0.05	7.4		28.88	15.76	21.10
13.0	1412	9.0	1.1	0.68	0.29	1.0			7.8	7.8	94.6			0.05	7.7		28.98	15.74	21.18
14.0	1356	1.0			0.43	2.3			8.0	8.0	97.8			0.01	5.1	0.7	28.47	16.33	20.66
14.0	1356	2.0			0.45	2.5			7.9	8.0	96.8			0.01	5.2		28.57	16.10	20.78
14.0	1356	3.0			0.46	2.5			7.9	8.0	96.4			0.02	5.7		28.71	15.91	20.94

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	EXCOF	SALIN	TEMP	SIGT
14.0	1356	4.0			0.43	2.2		7.9	7.9	95.8	0.02		28.83	15.83	21.05
14.0	1356	5.0			0.38	1.8		7.8	7.9	95.3	0.04		28.96	15.75	21.17
14.0	1356	6.0			0.35	1.5		7.8	7.9	95.2	0.04		29.07	15.71	21.26
14.0	1356	7.0			0.33	1.3		7.8	7.9	95.0	0.06		29.12	15.70	21.30
14.0	1356	8.0			0.32	1.2		7.8	7.9	94.9	0.06		29.13	15.70	21.30
14.0	1356	9.0			0.30	1.1		7.8	7.8	94.5	0.05		29.18	15.68	21.35
14.0	1356	10.0			0.28	0.9		7.7	7.8	94.3	0.04		29.33	15.63	21.47
14.0	1356	11.0			0.27	0.8		7.7	7.8	94.0	0.03		29.45	15.61	21.57
14.0	1356	12.0			0.27	0.8		7.7	7.8	94.0	0.03		29.56	15.57	21.66
14.0	1356	13.0			0.27	0.8		7.7	7.8	93.9	0.04		29.57	15.57	21.67
14.0	1356	14.0			0.27	0.8		7.7	7.8	94.0	0.04		29.57	15.57	21.67
15.0	1333	1.0			0.66	4.3		8.0	8.0	97.0	0.09	1.0	28.03	16.18	20.36
15.0	1333	2.0	4.4	0.89	0.64	4.1	8.0	7.9	8.0	96.1	0.08		28.38	16.04	20.65
15.0	1333	3.0			0.55	3.3		7.8	7.9	95.7	0.06		28.79	15.94	20.99
15.0	1333	4.0			0.50	2.9		7.8	7.9	95.6	0.05		28.94	15.87	21.12
15.0	1333	5.0			0.47	2.6		7.8	7.9	94.8	0.04		28.99	15.85	21.17
15.0	1333	6.0			0.43	2.2		7.8	7.8	94.5	0.04		29.23	15.70	21.38
15.0	1333	7.0			0.38	1.8		7.7	7.8	94.2	0.03		29.34	15.61	21.48
15.0	1333	8.0			0.34	1.4		7.7	7.8	93.9	0.03		29.56	15.56	21.66
15.0	1333	9.0			0.32	1.3		7.7	7.8	93.8	0.02		29.73	15.50	21.81
15.0	1333	10.0			0.31	1.2		7.7	7.8	93.6	0.02		29.81	15.47	21.88
15.0	1333	11.0			0.32	1.2		7.7	7.8	93.6	0.02		29.90	15.43	21.95
15.0	1333	12.0			0.32	1.3		7.7	7.8	93.7	0.02		29.99	15.41	22.02
15.0	1333	13.0			0.32	1.3		7.7	7.8	93.5	0.02		30.01	15.40	22.05
15.0	1333	14.0			0.33	1.3		7.6	7.7	93.3	0.02		30.06	15.38	22.09
15.0	1333	15.0	2.2	0.67	0.33	1.3		7.7	7.8	93.6	0.02		30.18	15.32	22.19
16.0	1300	1.0			0.54	3.2		7.9	7.9	96.0	0.00	0.6	30.32	15.48	22.26
16.0	1300	2.0			0.60	3.7		7.9	8.0	96.3	0.00		30.44	15.31	22.39
16.0	1300	3.0			0.65	4.2		7.9	8.0	96.2	0.00		30.50	15.28	22.44
16.0	1300	4.0			0.61	3.8		7.9	7.9	95.5	0.00		30.63	15.22	22.56
16.0	1300	5.0			0.54	3.2		7.8	7.9	94.9	0.00		30.79	15.12	22.71

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	OXYG	OXYG	CALC	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	STGT
16.0	1300	6.0			0.49	2.8		7.8	7.9	94.5			0.00	4.7		30.92	15.06	22.81
16.0	1300	7.0			0.45	2.4		7.7	7.8	93.9			0.00	4.7		30.96	15.05	22.85
16.0	1300	8.0			0.40	2.0		7.7	7.8	93.5			0.01	4.9		31.11	14.97	22.98
16.0	1300	9.0			0.37	1.7		7.6	7.7	93.1			0.00	4.8		31.17	14.93	23.04
16.0	1300	10.0			0.34	1.5		7.6	7.7	92.7			0.00	4.9		31.26	14.89	23.11
16.0	1300	11.0			0.33	1.4		7.6	7.7	92.5			0.00	4.8		31.32	14.86	23.17
16.0	1300	12.0			0.32	1.3		7.6	7.7	92.3			0.01	4.9		31.39	14.82	23.23
16.0	1300	13.0			0.32	1.3		7.6	7.7	92.8			0.01	5.1		31.47	14.79	23.30
18.0	1233	1.0			0.47	2.6		7.7	7.8	94.0			-0.01	4.0	0.6	31.62	15.08	23.35
18.0	1233	2.0	3.1	0.86	0.50	2.9	7.7	7.7	7.8	94.0		2.6	-0.01	4.0		31.64	15.00	23.38
18.0	1233	3.0			0.53	3.1		7.7	7.8	94.1			-0.01	4.1		31.64	14.96	23.39
18.0	1233	4.0			0.53	3.1		7.7	7.8	93.9			-0.01	4.1		31.65	14.96	23.40
18.0	1233	5.0			0.52	3.0		7.7	7.8	93.7			-0.01	4.1		31.65	14.94	23.40
18.0	1233	6.0			0.51	2.9		7.7	7.8	93.6			-0.01	4.1		31.66	14.88	23.43
18.0	1233	7.0			0.50	2.8		7.7	7.8	93.7			-0.01	4.2		31.66	14.88	23.43
18.0	1233	8.0			0.49	2.8		7.7	7.8	93.8			-0.00	4.3		31.66	14.88	23.43
18.0	1233	9.0			0.49	2.8		7.7	7.8	93.6			-0.00	4.4		31.66	14.88	23.43
18.0	1233	10.0			0.48	2.7		7.7	7.8	93.6			-0.00	4.3		31.66	14.87	23.43
18.0	1233	11.0			0.47	2.6		7.7	7.8	93.5			-0.00	4.4		31.66	14.86	23.43
18.0	1233	12.0			0.47	2.6		7.7	7.8	93.3			-0.00	4.4		31.67	14.84	23.44
18.0	1233	13.0			0.48	2.6		7.6	7.7	92.3			-0.00	4.4		31.69	14.80	23.46
18.0	1233	14.0			0.47	2.6		7.6	7.7	92.4			-0.00	4.5		31.79	14.64	23.58
18.0	1233	15.0			0.48	2.7		7.6	7.7	92.6			-0.00	4.4		31.84	14.57	23.63
18.0	1233	16.0			0.49	2.7		7.6	7.7	92.6			0.00	4.6		31.86	14.56	23.65
18.0	1233	17.0			0.48	2.7		7.6	7.7	92.6			0.00	4.6		31.87	14.54	23.66
18.0	1233	18.0			0.47	2.6		7.6	7.7	92.7			-0.00	4.5		31.89	14.53	23.67
18.0	1233	19.0			0.46	2.5		7.6	7.7	92.7			0.00	4.6		31.90	14.51	23.69
18.0	1233	20.0			0.46	2.5		7.6	7.7	92.5			-0.00	4.5		31.91	14.51	23.69
18.0	1233	21.0			0.47	2.6		7.6	7.7	92.6			0.00	4.6		31.93	14.49	23.72
18.0	1233	22.0			0.49	2.8		7.6	7.7	92.2			0.00	4.7		31.96	14.46	23.74
18.0	1233	23.0			0.50	2.8		7.6	7.7	92.0			-0.00	4.5		32.00	14.42	23.78
18.0	1233	24.0			0.49	2.8		7.6	7.7	92.2			-0.00	4.5		32.07	14.35	23.85

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STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CHL a	OXYG	OXYG	CALC	% OXY	DISCR	OBS	SPM	CALC	EXCOF	SALIN	TEMP	SIGT
18.0	1233	25.0			0.49	2.8		2.8	7.6	7.7	7.7	92.0		-0.0	4.5			32.10	14.33	23.88
18.0	1233	26.0			0.48	2.7		2.7	7.6	7.7	7.7	92.0		-0.0	4.5			32.15	14.28	23.92
18.0	1233	27.0			0.47	2.6		2.6	7.6	7.7	7.7	92.0		-0.01	4.2			32.16	14.26	23.94
18.0	1233	28.0			0.48	2.7		2.7	7.6	7.7	7.7	92.0		-0.0	4.4			32.17	14.26	23.95
18.0	1233	29.0			0.49	2.8		2.8	7.6	7.7	7.7	91.9		-0.0	4.4			32.20	14.23	23.98
18.0	1233	30.0			0.48	2.7		2.7	7.6	7.7	7.7	92.0		-0.0	4.5			32.20	14.23	23.98
18.0	1233	31.0			0.47	2.6		2.6	7.6	7.7	7.7	91.9		-0.0	4.5			32.21	14.22	23.99
18.0	1233	32.0			0.47	2.6		2.6	7.6	7.7	7.7	92.0		0.00	4.6			32.22	14.21	24.00
18.0	1233	33.0			0.47	2.6		2.6	7.6	7.7	7.7	92.0		0.00	4.6			32.22	14.21	24.00
18.0	1233	34.0			0.47	2.6		2.6	7.6	7.7	7.7	91.8		0.00	4.6			32.22	14.21	24.00
18.0	1233	35.0			0.49	2.8		2.8	7.6	7.7	7.7	91.9		0.00	4.6			32.26	14.17	24.03
18.0	1233	36.0			0.50	2.9		2.9	7.6	7.7	7.7	91.9		0.00	4.6			32.28	14.15	24.06
18.0	1233	37.0			0.48	2.7		2.7	7.6	7.7	7.7	91.8		0.00	4.6			32.29	14.15	24.06
18.0	1233	38.0			0.47	2.6		2.6	7.6	7.7	7.7	91.9		0.00	4.7			32.29	14.15	24.06
18.0	1233	39.0			0.45	2.4		2.4	7.6	7.7	7.7	91.9		0.00	4.6			32.29	14.14	24.06
18.0	1233	40.0			0.44	2.4		2.4	7.6	7.7	7.7	91.9		-0.0	4.5			32.29	14.15	24.06
18.0	1233	41.0	2.7	0.74	0.45	2.4		2.4	7.6	7.7	7.7	92.1		0.00	4.7			32.29	14.14	24.07
.....																				
										n	r ²	Slope		Inter.		Std. Err.				
Fluorometer Calibration:										15	0.865	8.789		-1.541		0.403				
OBS Calibration:										12	0.933	56.280		4.579		1.100				
Dissolved Oxygen Calibration:										7	0.971	0.865		1.130		0.100				

Discrete SPM regression coefficient used
Seabird v4.026

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CALC	OXYG	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
757	0700	1.0			0.38	1.8						0.04	6.7		0.18	16.70	0.00
757	0700	2.0	1.5	0.96	0.38	1.8					8.0	0.04	6.5		0.18	16.70	0.00
757	0700	3.0			0.39	1.9						0.04	6.7		0.18	16.70	0.00
757	0700	4.0			0.39	1.9						0.03	6.5		0.18	16.70	0.00
757	0700	5.0			0.39	1.9						0.04	6.6		0.18	16.70	0.00
757	0700	6.0			0.39	1.9						0.04	6.5		0.18	16.71	0.00
757	0700	7.0			0.39	1.9						0.04	6.6		0.18	16.71	0.00
757	0700	8.0			0.39	1.9						0.04	6.9		0.19	16.71	0.00
757	0700	9.0			0.39	1.9						0.04	7.1		0.19	16.71	0.00
757	0700	10.0			0.39	1.9						0.05	7.2		0.19	16.71	0.00
757	0700	11.0			0.39	1.9						0.04	7.1		0.19	16.71	0.00
757	0700	12.0			0.39	1.9						0.05	7.2		0.19	16.71	0.00
757	0700	13.0			0.39	1.9						0.05	7.4		0.19	16.71	0.00
757	0700	14.0	1.1	0.78	0.39	1.9						0.05	7.2		0.19	16.71	0.00
753	0742	1.0			0.36	1.6						0.07	8.3	1.1	0.62	16.74	0.00
753	0742	2.0			0.36	1.6						0.05	7.7		0.62	16.72	0.00
753	0742	3.0			0.37	1.7						0.05	7.6		0.63	16.72	0.00
753	0742	4.0			0.37	1.7						0.06	7.7		0.63	16.74	0.00
753	0742	5.0			0.37	1.7						0.06	7.7		0.63	16.74	0.00
753	0742	6.0			0.36	1.6						0.06	8.0		0.64	16.75	0.00
753	0742	7.0			0.36	1.6						0.06	8.2		0.65	16.74	0.00
753	0742	8.0			0.37	1.7						0.07	8.3		0.67	16.73	0.00
753	0742	9.0			0.37	1.7						0.08	9.0		0.67	16.73	0.00
753	0742	10.0			0.37	1.7						0.09	9.5		0.67	16.73	0.00
753	0742	11.0			0.37	1.7						0.09	9.4		0.67	16.73	0.00
747	0823	1.0			0.32	1.2			9.1	9.0	95.6	0.11	10.7	1.3	2.24	17.27	0.45
747	0823	2.0			0.31	1.2			9.1	9.0	95.7	0.13	11.7		2.57	17.25	0.70
747	0823	3.0			0.31	1.2			9.1	9.0	95.9	0.15	13.2		2.75	17.26	0.84
747	0823	4.0			0.31	1.2			9.2	9.1	96.2	0.17	14.0		2.80	17.29	0.87
747	0823	5.0			0.32	1.2			9.1	9.0	96.1	0.19	15.3		2.87	17.38	0.91
747	0823	6.0			0.32	1.2			9.1	9.0	96.1	0.19	15.6		2.91	17.37	0.94

Non-standard stations: San Francisco Bay 27 October 1994 94300

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	CHL a	DISCR	OXYG	CALC	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
747	0823	7.0			0.32	1.2			9.1	9.0	96.0		0.19	15.2		3.00	17.37	1.01
747	0823	8.0			0.32	1.3			9.1	9.0	96.1		0.19	15.2		3.06	17.37	1.06
747	0823	9.0			0.33	1.3			9.1	9.0	96.1		0.19	15.0		3.09	17.37	1.08
747	0823	10.0			0.32	1.3			9.1	9.0	96.1		0.19	15.3		3.08	17.37	1.07
747	0823	11.0			0.32	1.3			9.1	9.0	96.0		0.20	15.8		3.21	17.38	1.17
747	0823	12.0			0.33	1.3			9.1	9.0	96.2		0.20	15.8		3.19	17.37	1.15
747	0823	13.0			0.33	1.3			9.1	9.0	96.1		0.20	16.1		3.21	17.37	1.17
747	0823	14.0			0.33	1.3			9.1	9.0	96.1		0.20	16.1		3.21	17.37	1.17
747	0823	15.0			0.33	1.3			9.1	9.0	96.1		0.20	15.8		3.21	17.37	1.17
747	0823	16.0			0.33	1.4			9.1	9.0	96.1		0.20	16.1		3.21	17.37	1.17
747	0823	17.0			0.32	1.3			9.1	9.0	96.1		0.21	16.4		3.21	17.37	1.17
747	0823	18.0			0.32	1.3			9.1	9.0	96.2		0.24	17.9		3.21	17.37	1.17
.....																		
									n	r ²	Slope	Inter.	Std. Err.					

Fluorometer Calibration:

OBS Calibration:

Dissolved Oxygen Calibration:

North Bay regression Coefficients were used
Seabird v4.026

STN	TIME	DEPTH	DISCR		CHL a/	FLUOR	CALC		DISCR		CALC		% OXY	DISCR		OBS	CALC	EXCOF	SALIN	TEMP	SIGT
			CHL a	CHL a			CHL a	OXYG	OXYG	OXYG	OXYG	SAT		SPM	SPM						
36.0	0622	1.0			0.72	2.9		8.6	8.2	87.6		1.21	96.1					27.63	10.23	21.17	
	0622	2.0	2.9	0.41	0.72	2.9	7.9	8.7	8.2	87.5	95.3	1.23	98.0					27.65	10.25	21.18	
	0622	3.0			0.71	2.9		8.6	8.2	87.6		1.22	97.5					27.69	10.27	21.21	
	0622	4.0			0.71	2.9		8.6	8.2	87.7		1.21	96.5					27.73	10.29	21.24	
	0622	5.0			0.72	2.9		8.6	8.2	87.8		1.19	95.2					27.75	10.29	21.25	
	0622	6.0			0.72	2.9		8.6	8.2	87.8		1.19	95.2					27.76	10.30	21.26	
	0622	7.0			0.72	3.0		8.6	8.2	87.8		1.21	96.5					27.77	10.30	21.27	
	0622	8.0	2.9	0.40	0.72	3.0		8.6	8.2	87.8		1.23	97.8					27.77	10.30	21.27	
35.0	0632	1.0			0.64	2.5		8.5	8.3	89.2		0.88	72.8					28.43	10.40	21.76	
	0632	2.0			0.65	2.5		8.5	8.3	89.2		0.89	73.3					28.43	10.40	21.76	
	0632	3.0			0.65	2.6		8.5	8.3	89.2		0.89	73.3					28.43	10.40	21.76	
	0632	4.0			0.64	2.5		8.5	8.3	89.1		0.87	72.0					28.43	10.40	21.76	
	0632	5.0			0.64	2.5		8.5	8.3	89.1		0.88	72.4					28.43	10.40	21.76	
	0632	6.0			0.64	2.5		8.5	8.3	89.2		0.87	72.2					28.42	10.40	21.76	
	0632	7.0			0.65	2.5		8.5	8.3	89.1		0.89	73.3					28.42	10.40	21.75	
	0632	8.0			0.65	2.5		8.5	8.3	89.1		0.95	77.8					28.41	10.40	21.75	
34.0	0648	1.0			0.57	2.0		8.5	8.3	89.3		0.49	44.7					28.85	10.38	22.10	
	0648	2.0			0.57	2.1		8.5	8.3	89.6	56.2	0.51	46.3					29.00	10.49	22.19	
	0648	3.0			0.59	2.2		8.5	8.3	89.9		0.65	56.0					29.07	10.53	22.24	
	0648	4.0			0.62	2.4		8.5	8.3	90.0		0.79	66.4					29.18	10.57	22.32	
	0648	5.0			0.63	2.4		8.5	8.3	90.1		0.92	75.4					29.19	10.57	22.33	
	0648	6.0			0.63	2.4		8.5	8.3	90.1		1.03	83.3					29.19	10.57	22.33	
	0648	7.0			0.64	2.5		8.5	8.3	90.2		1.04	84.5					29.19	10.57	22.33	
	0648	8.0			0.63	2.4		8.5	8.3	90.1		1.07	86.2					29.19	10.57	22.33	
0648	9.0			0.63	2.4		8.5	8.3	90.1		1.11	89.6					29.19	10.57	22.33		
33.0	0705	1.0			0.31	0.5		8.7	8.2	89.2		0.42	39.8			3.5		29.67	10.63	22.69	
	0705	2.0			0.31	0.5		8.7	8.2	89.5		0.53	47.8					29.74	10.67	22.74	
	0705	3.0			0.31	0.5		8.6	8.2	89.7		0.66	56.9					29.76	10.71	22.75	
	0705	4.0			0.31	0.5		8.6	8.2	89.8		0.75	63.3					29.78	10.72	22.76	
	0705	5.0			0.31	0.5		8.6	8.2	89.9		0.79	66.1					29.80	10.73	22.77	

South San Francisco Bay

29 November 1994

94333

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	OXYG	CALC	% OXY	DISCR	OBS	CALC	EXCOF	SALIN	TEMP	SIGT
			CHL a			CHL a	OXYG	OXYG	OXYG	SAT	SPM		SPM				
33.0	0705	6.0			0.31	0.5		8.6	8.2	89.8		0.83	69.4		29.80	10.74	22.77
33.0	0705	7.0			0.31	0.5		8.6	8.2	89.9		0.89	73.7		29.83	10.76	22.79
33.0	0705	8.0			0.31	0.5		8.6	8.2	90.0		0.99	80.5		29.85	10.78	22.81
33.0	0705	9.0			0.30	0.5		8.6	8.2	90.0		1.04	84.5		29.87	10.79	22.82
33.0	0705	10.0			0.30	0.5		8.6	8.2	89.9		1.08	87.1		29.87	10.79	22.82
33.0	0705	11.0			0.30	0.4		8.6	8.2	90.0		1.10	88.6		29.89	10.79	22.83
33.0	0705	12.0			0.30	0.4		8.7	8.2	89.8		1.11	88.9		29.89	10.80	22.84
33.0	0705	13.0			0.30	0.4		8.6	8.2	89.9		1.13	90.6		29.89	10.80	22.84
33.0	0705	14.0			0.30	0.4		8.6	8.2	89.9		1.15	91.9		29.90	10.80	22.84
32.0	0714	1.0						8.6	8.2	89.5		0.39	37.8	2.5	29.62	10.60	22.66
32.0	0714	2.0	2.3	0.51			8.4	8.6	8.3	90.2	38.4	0.42	39.6		29.82	10.74	22.79
32.0	0714	3.0						8.6	8.3	90.5		0.54	48.4		29.94	10.80	22.88
32.0	0714	4.0						8.6	8.3	90.7		0.67	57.3		30.05	10.83	22.95
32.0	0714	5.0						8.5	8.3	90.8		0.77	64.6		30.09	10.85	22.98
32.0	0714	6.0						8.5	8.3	90.8		0.84	70.0		30.09	10.85	22.98
32.0	0714	7.0						8.5	8.3	90.8		0.89	73.7		30.10	10.85	22.99
32.0	0714	8.0						8.5	8.3	90.8		0.96	78.8		30.10	10.85	22.99
32.0	0714	9.0						8.5	8.3	90.8		1.04	84.6		30.10	10.85	22.99
32.0	0714	10.0						8.5	8.3	90.8		1.08	87.4		30.10	10.85	22.99
32.0	0714	11.0						8.5	8.3	90.8		1.20	96.0		30.09	10.85	22.98
32.0	0714	12.0						8.6	8.3	90.7		1.28	101.4		30.09	10.85	22.98
32.0	0714	13.0	2.5	0.34				8.5	8.3	90.8		1.33	104.9		30.09	10.85	22.98
31.0	0728	1.0						8.5	8.3	91.1		0.30	31.2	1.9	30.33	10.83	23.17
31.0	0728	2.0						8.5	8.3	91.0		0.30	31.0		30.33	10.83	23.17
31.0	0728	3.0						8.5	8.3	91.0		0.34	33.8		30.33	10.86	23.16
31.0	0728	4.0						8.5	8.3	91.1		0.36	35.6		30.33	10.86	23.16
31.0	0728	5.0						8.5	8.3	91.1		0.38	36.5		30.33	10.86	23.16
31.0	0728	6.0						8.6	8.3	90.8		0.38	36.8		30.33	10.85	23.17
31.0	0728	7.0						8.6	8.3	90.8		0.37	35.8		30.32	10.87	23.16
31.0	0728	8.0						8.6	8.3	90.9		0.39	37.6		30.32	10.87	23.16
31.0	0728	9.0						8.6	8.3	90.8		0.44	40.8		30.32	10.88	23.15

STN	TIME	DEPTH	DISCR	CHL a	FLUOR	CALC	DISCR	CHL a	OXYG	CALC	% OXY	DISCR	OBS	SPM	CALC	EXCOF	SALIN	TEMP	SIGT
31.0	0728	10.0							8.6	8.3	90.8		0.45	41.7			30.32	10.88	23.15
31.0	0728	11.0							8.6	8.3	90.8		0.47	43.5			30.32	10.88	23.15
31.0	0728	12.0							8.6	8.3	90.6		0.50	45.2			30.32	10.88	23.15
31.0	0728	13.0							8.6	8.3	90.7		0.51	46.4			30.31	10.89	23.15
31.0	0728	14.0							8.6	8.3	90.7		0.55	48.8			30.31	10.89	23.14
31.0	0728	15.0							8.6	8.3	90.7		0.59	51.9			30.31	10.89	23.14
31.0	0728	16.0							8.6	8.3	90.8		0.63	54.6			30.31	10.89	23.14
30.0	0749	1.0							8.5	8.3	91.7		0.25	27.4		1.7	30.49	10.94	23.27
30.0	0749	2.0	2.2	0.57			8.3		8.5	8.3	91.7	21.5	0.25	27.6			30.49	10.95	23.28
30.0	0749	3.0							8.5	8.3	91.6		0.25	27.7			30.50	10.95	23.28
30.0	0749	4.0							8.5	8.3	91.7		0.26	28.1			30.50	10.95	23.28
30.0	0749	5.0							8.5	8.3	91.6		0.26	28.5			30.50	10.95	23.28
30.0	0749	6.0							8.5	8.3	91.6		0.26	28.6			30.50	10.95	23.28
30.0	0749	7.0							8.5	8.3	91.6		0.27	28.9			30.50	10.95	23.28
30.0	0749	8.0							8.5	8.3	91.6		0.27	29.1			30.50	10.95	23.28
30.0	0749	9.0							8.5	8.3	91.5		0.27	29.2			30.50	10.95	23.28
30.0	0749	10.0							8.5	8.3	91.5		0.28	29.7			30.50	10.95	23.28
30.0	0749	11.0							8.5	8.3	91.5		0.27	29.2			30.50	10.95	23.28
30.0	0749	12.0							8.5	8.3	91.4		0.28	29.7			30.50	10.95	23.28
30.0	0749	13.0							8.5	8.3	91.4		0.28	29.9			30.50	10.95	23.28
30.0	0749	14.0	2.6	0.60					8.5	8.3	91.5		0.29	30.4			30.50	10.95	23.28
29.5	0851	1.0			0.50	1.7			8.6	8.3	91.2		0.24	26.5		1.6	30.63	11.06	23.36
29.5	0851	2.0			0.50	1.7			8.6	8.2	91.0		0.26	28.4			30.63	11.06	23.37
29.5	0851	3.0			0.51	1.7			8.6	8.2	91.0		0.27	29.2			30.63	11.06	23.37
29.5	0851	4.0			0.52	1.7			8.6	8.2	91.0		0.28	29.6			30.63	11.06	23.37
29.5	0851	5.0			0.51	1.7			8.6	8.2	91.0		0.29	30.2			30.63	11.06	23.36
29.5	0851	6.0			0.51	1.7			8.6	8.2	91.0		0.29	30.7			30.63	11.06	23.36
29.5	0851	7.0			0.51	1.7			8.6	8.2	90.9		0.30	31.0			30.63	11.06	23.37
29.5	0851	8.0			0.52	1.8			8.6	8.2	91.0		0.30	31.2			30.64	11.06	23.37
29.5	0851	9.0			0.52	1.8			8.6	8.2	90.9		0.31	31.6			30.64	11.06	23.37
29.5	0851	10.0			0.52	1.7			8.6	8.2	90.9		0.30	31.3			30.64	11.06	23.37

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STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	CHL a	OXYG	OXYG	CALC	% OXY	DISCR	SPM	OBS	CALC	EXCOF	SALIN	TEMP	SIGT
29.5	0851	11.0			0.51	1.7			8.6	8.2	8.2	90.9		31.1	0.30			30.64	11.06	23.37
29.5	0851	12.0			0.52	1.8			8.6	8.2	8.2	90.8		30.7	0.29			30.64	11.06	23.37
29.5	0851	13.0			0.52	1.8			8.6	8.2	8.2	90.9		30.6	0.29			30.64	11.07	23.37
29.5	0851	14.0			0.52	1.8			8.7	8.2	8.2	90.8		30.7	0.29			30.64	11.07	23.37
29.5	0851	15.0			0.54	1.9			8.6	8.2	8.2	90.8		30.6	0.29			30.64	11.07	23.37
29.5	0851	16.0			0.55	2.0			8.6	8.2	8.2	90.8		30.7	0.29			30.64	11.07	23.38
29.5	0851	17.0			0.55	1.9			8.7	8.2	8.2	90.8		30.7	0.29			30.64	11.07	23.37
29.0	0904	1.0							8.0	8.6	8.6	94.9		24.4	0.21		1.6	30.62	10.94	23.37
29.0	0904	2.0							8.0	8.6	8.6	94.8		24.4	0.21			30.62	10.95	23.38
29.0	0904	3.0							8.0	8.6	8.6	95.2		24.3	0.20			30.67	11.01	23.41
29.0	0904	4.0							7.9	8.7	8.7	95.5		23.5	0.19			30.69	11.04	23.42
29.0	0904	5.0							7.9	8.7	8.7	95.8		22.2	0.18			30.71	11.05	23.43
29.0	0904	6.0							7.9	8.7	8.7	96.0		22.0	0.17			30.72	11.07	23.43
29.0	0904	7.0							7.9	8.7	8.7	96.2		22.6	0.18			30.73	11.07	23.44
29.0	0904	8.0							7.9	8.7	8.7	96.2		24.1	0.20			30.73	11.07	23.44
29.0	0904	9.0							7.8	8.7	8.7	96.3		24.5	0.21			30.73	11.07	23.44
29.0	0904	10.0							7.9	8.7	8.7	96.1		24.6	0.21			30.73	11.07	23.44
29.0	0904	11.0							7.9	8.7	8.7	96.2		24.1	0.20			30.73	11.07	23.44
29.0	0904	12.0							7.9	8.7	8.7	96.1		24.6	0.21			30.73	11.07	23.44
29.0	0904	13.0							7.9	8.7	8.7	96.1		24.6	0.21			30.73	11.07	23.44
29.0	0904	14.0							7.9	8.7	8.7	96.2		24.9	0.21			30.73	11.07	23.44
29.0	0904	15.0							7.9	8.7	8.7	96.0		24.8	0.21			30.73	11.07	23.44
29.0	0904	16.0							7.9	8.7	8.7	96.1		25.0	0.22			30.73	11.07	23.44
29.0	0904	17.0							7.9	8.7	8.7	96.0		25.2	0.22			30.73	11.07	23.44
28.0	0920	1.0							8.2	8.5	8.5	94.0		18.6	0.13		1.1	30.76	11.00	23.48
28.0	0920	2.0							8.2	8.5	8.5	94.0		19.2	0.14			30.76	10.99	23.48
28.0	0920	3.0							8.2	8.5	8.5	93.9		19.6	0.14			30.77	10.98	23.49
28.0	0920	4.0							8.2	8.5	8.5	93.7		20.1	0.15			30.77	10.98	23.49
28.0	0920	5.0							8.2	8.5	8.5	93.8		20.1	0.15			30.77	10.98	23.49
28.0	0920	6.0							8.2	8.5	8.5	93.7		20.3	0.15			30.77	10.98	23.49
28.0	0920	7.0							8.2	8.5	8.5	93.7		20.4	0.15			30.77	10.98	23.49

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	OXYG	OXYG	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
28.0	0920	8.0						8.2	8.5	93.7		0.15	20.4		30.77	10.96	23.49
28.0	0920	9.0						8.2	8.5	93.6		0.14	19.9		30.77	10.96	23.49
28.0	0920	10.0						8.2	8.5	93.6		0.14	19.5		30.77	10.95	23.49
28.0	0920	11.0						8.2	8.5	93.5		0.14	19.4		30.77	10.95	23.49
28.0	0920	12.0						8.2	8.5	93.5		0.15	20.0		30.77	10.94	23.50
28.0	0920	13.0						8.2	8.5	93.4		0.17	21.5		30.77	10.92	23.50
28.0	0920	14.0						8.2	8.5	93.4		0.17	21.6		30.77	10.92	23.50
28.0	0920	15.0						8.2	8.5	93.3		0.17	21.8		30.77	10.92	23.50
28.0	0920	16.0						8.2	8.5	93.3		0.17	21.9		30.77	10.92	23.50
28.0	0920	17.0						8.2	8.5	93.4		0.18	22.3		30.77	10.92	23.50
27.0	0933	1.0			0.54	1.9		8.4	8.4	91.7		0.11	17.3	1.1	30.67	10.79	23.44
27.0	0933	2.0	1.7	0.66	0.53	1.8	8.5	8.5	8.3	91.5		0.11	17.7		30.67	10.77	23.44
27.0	0933	3.0			0.53	1.8		8.4	8.3	91.6		0.13	18.6		30.67	10.77	23.45
27.0	0933	4.0			0.52	1.7		8.4	8.3	91.6		0.13	19.1		30.67	10.77	23.45
27.0	0933	5.0			0.51	1.7		8.5	8.3	91.6		0.14	19.5		30.67	10.77	23.45
27.0	0933	6.0			0.51	1.7		8.5	8.3	91.5		0.14	19.5		30.67	10.77	23.45
27.0	0933	7.0			0.51	1.7		8.5	8.3	91.6		0.14	19.7		30.68	10.77	23.45
27.0	0933	8.0			0.50	1.7		8.5	8.3	91.4		0.15	20.4		30.68	10.77	23.46
27.0	0933	9.0			0.51	1.7		8.5	8.3	91.5		0.16	20.8		30.69	10.77	23.46
27.0	0933	10.0			0.51	1.7		8.5	8.3	91.4		0.16	21.0		30.69	10.77	23.46
27.0	0933	11.0			0.52	1.8		8.5	8.3	91.4		0.16	21.1		30.70	10.77	23.47
27.0	0933	12.0			0.53	1.8		8.5	8.3	91.5		0.17	21.5		30.70	10.77	23.47
27.0	0933	13.0			0.53	1.8		8.5	8.3	91.4		0.17	21.9		30.70	10.77	23.47
27.0	0933	14.0	1.5	0.52	0.53	1.8		8.5	8.3	91.5		0.18	22.2		30.70	10.78	23.47
26.0	0947	1.0			0.52	1.8		8.4	8.4	92.2		0.06	13.6	1.1	30.47	11.07	23.24
26.0	0947	2.0			0.53	1.8		8.4	8.4	92.1		0.07	14.7		30.48	11.05	23.25
26.0	0947	3.0			0.53	1.8		8.4	8.4	92.2		0.08	15.4		30.49	11.03	23.26
26.0	0947	4.0			0.52	1.8		8.4	8.4	92.2		0.10	16.7		30.50	11.01	23.27
26.0	0947	5.0			0.52	1.7		8.4	8.4	92.0		0.10	17.1		30.51	10.99	23.28
26.0	0947	6.0			0.51	1.7		8.5	8.3	91.9		0.12	17.8		30.51	10.99	23.28
26.0	0947	7.0			0.50	1.6		8.4	8.3	92.0		0.12	18.2		30.51	11.00	23.28

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STN	TIME	DEPTH	DISCR	CHL a	CHL a/ a+PHA	FLUOR	CALC	DISCR	OXYG	OXYG	CALC	% OXY	DISCR	OBS	CALC	EXCOF	SALIN	TEMP	SIGT
			CHL a									SAT	SPH		SPH				
26.0	0947	8.0				0.49	1.6		8.5	8.3	8.3	91.9		0.12	18.2		30.51	10.99	23.28
26.0	0947	9.0				0.49	1.6		8.5	8.3	8.3	91.7		0.12	18.5		30.51	10.99	23.28
26.0	0947	10.0				0.49	1.6		8.5	8.3	8.3	91.7		0.13	18.5		30.51	11.01	23.28
26.0	0947	11.0				0.48	1.5		8.5	8.3	8.3	91.9		0.13	18.5		30.51	11.03	23.28
26.0	0947	12.0				0.48	1.5		8.4	8.4	8.4	92.2		0.13	18.7		30.52	11.05	23.28
25.0	1004	1.0				0.56	2.0		8.5	8.3	8.3	92.3		0.05	13.1	0.9	30.31	11.33	23.07
25.0	1004	2.0				0.58	2.1		8.5	8.3	8.3	92.0	19.5	0.05	13.4		30.31	11.28	23.08
25.0	1004	3.0				0.56	2.0		8.5	8.3	8.3	92.0		0.06	14.1		30.31	11.26	23.08
25.0	1004	4.0				0.54	1.9		8.5	8.3	8.3	92.0		0.08	15.1		30.31	11.25	23.08
25.0	1004	5.0				0.52	1.8		8.5	8.3	8.3	92.0		0.10	16.8		30.31	11.25	23.08
25.0	1004	6.0				0.52	1.8		8.5	8.3	8.3	92.0		0.10	16.7		30.31	11.25	23.08
25.0	1004	7.0				0.52	1.7		8.5	8.3	8.3	92.0		0.11	17.2		30.31	11.25	23.08
25.0	1004	8.0				0.51	1.7		8.5	8.3	8.3	92.0		0.11	17.5		30.31	11.25	23.08
25.0	1004	9.0				0.51	1.7		8.5	8.3	8.3	91.9		0.11	17.7		30.31	11.26	23.08
25.0	1004	10.0				0.51	1.7		8.5	8.3	8.3	92.0		0.18	22.3		30.31	11.26	23.08
24.0	1018	1.0				0.58	2.1		8.4	8.4	8.4	92.8		0.03	11.6	0.8	30.22	11.25	23.02
24.0	1018	2.0	2.3	0.72		0.59	2.2	8.3	8.4	8.4	8.4	92.5		0.03	12.0		30.22	11.19	23.03
24.0	1018	3.0				0.58	2.1		8.4	8.4	8.4	92.6		0.04	12.3		30.22	11.17	23.03
24.0	1018	4.0				0.57	2.1		8.4	8.4	8.4	92.5		0.05	13.1		30.22	11.16	23.03
24.0	1018	5.0				0.57	2.1		8.4	8.4	8.4	92.4		0.07	14.8		30.22	11.16	23.03
24.0	1018	6.0				0.57	2.0		8.4	8.4	8.4	92.5		0.10	16.8		30.22	11.16	23.03
24.0	1018	7.0				0.57	2.0		8.4	8.4	8.4	92.4		0.12	17.9		30.22	11.16	23.03
24.0	1018	8.0	2.5	0.52		0.57	2.0		8.4	8.4	8.4	92.5		0.12	18.4		30.22	11.16	23.03
23.0	1033	1.0				0.56	2.0		8.5	8.3	8.3	91.3		0.01	10.3	0.7	30.10	11.07	22.95
23.0	1033	2.0				0.57	2.1		8.6	8.3	8.3	91.0		0.01	10.3		30.10	11.00	22.96
23.0	1033	3.0				0.56	2.0		8.5	8.3	8.3	91.1		0.02	10.8		30.12	10.99	22.98
23.0	1033	4.0				0.55	2.0		8.6	8.3	8.3	91.0		0.03	11.8		30.13	11.00	22.99
23.0	1033	5.0				0.55	1.9		8.6	8.3	8.3	91.0		0.05	13.1		30.14	10.99	22.99
23.0	1033	6.0				0.55	2.0		8.6	8.3	8.3	91.0		0.05	13.4		30.14	10.99	23.00
23.0	1033	7.0				0.56	2.0		8.6	8.3	8.3	91.0		0.06	14.0		30.14	10.99	23.00

STN	TIME	DEPTH	DISCR	CHL a	FLUOR	CALC	DISCR	CALC	% OXY	DISCR	OBS	CALC	EXCOF	SALIN	TEMP	SIGT
			CHL a	a+PHA		CHL a	OXYG	OXYG	SAT	SPM		SPM				
23.0	1033	8.0			0.56	2.0	8.6	8.3	91.0	0.06		14.2		30.18	10.98	23.03
23.0	1033	9.0			0.56	2.0	8.6	8.3	91.0	0.08		15.3		30.19	10.98	23.03
23.0	1033	10.0			0.56	2.0	8.6	8.3	91.0	0.09		16.2		30.19	10.98	23.04
23.0	1033	11.0			0.56	2.0	8.6	8.3	91.0	0.10		17.0		30.19	10.98	23.04
23.0	1033	12.0			0.56	2.0	8.6	8.3	91.0	0.11		17.5		30.19	10.98	23.04
23.0	1033	13.0			0.57	2.1	8.6	8.3	91.0	0.12		17.8		30.22	10.98	23.06
23.0	1033	14.0			0.58	2.1	8.6	8.3	90.9	0.15		20.3		30.23	10.98	23.07
23.0	1033	15.0			0.60	2.2	8.6	8.3	91.0	0.19		23.2		30.23	10.98	23.07
23.0	1033	16.0			0.60	2.2	8.6	8.3	91.0	0.19		23.1		30.23	10.98	23.07
22.0	1050	1.0			0.47	1.5	8.5	8.3	91.9	0.05		13.3	0.8	30.32	11.11	23.12
22.0	1050	2.0			0.49	1.6	8.5	8.3	91.8	0.04		12.1		30.33	11.07	23.13
22.0	1050	3.0			0.53	1.8	8.5	8.3	91.7	0.04		12.1		30.33	11.06	23.13
22.0	1050	4.0			0.54	1.9	8.5	8.3	91.7	0.04		12.2		30.33	11.04	23.13
22.0	1050	5.0			0.54	1.9	8.5	8.3	91.6	0.04		12.2		30.33	11.03	23.14
22.0	1050	6.0			0.54	1.9	8.5	8.3	91.6	0.04		12.4		30.33	11.02	23.14
22.0	1050	7.0			0.55	1.9	8.5	8.3	91.5	0.04		12.3		30.34	11.01	23.15
22.0	1050	8.0			0.55	1.9	8.5	8.3	91.5	0.04		12.6		30.35	11.01	23.16
22.0	1050	9.0			0.54	1.9	8.5	8.3	91.5	0.04		12.5		30.36	10.99	23.17
22.0	1050	10.0			0.54	1.9	8.5	8.3	91.5	0.04		12.3		30.44	10.95	23.24
22.0	1050	11.0			0.55	2.0	8.5	8.3	91.3	0.05		12.8		30.53	10.93	23.31
22.0	1050	12.0			0.56	2.0	8.5	8.3	91.3	0.05		13.2		30.56	10.92	23.34
22.0	1050	13.0			0.55	2.0	8.5	8.3	91.2	0.06		13.9		30.58	10.92	23.35
22.0	1050	14.0			0.55	1.9	8.5	8.3	91.3	0.07		14.6		30.60	10.92	23.37
22.0	1050	15.0			0.55	1.9	8.5	8.3	91.3	0.08		15.1		30.61	10.92	23.37
22.0	1050	16.0			0.54	1.9	8.5	8.3	91.2	0.08		15.5		30.61	10.92	23.38
22.0	1050	17.0			0.54	1.9	8.5	8.3	91.3	0.09		15.9		30.61	10.93	23.38
21.0	1103	1.0			0.49	1.6	8.7	8.2	90.7	0.00		9.7	0.5	30.20	11.20	23.01
21.0	1103	2.0	1.5	0.73	0.49	1.6	8.7	8.2	90.6	0.00		9.7		30.23	11.18	23.03
21.0	1103	3.0			0.49	1.6	8.7	8.2	90.7	0.00		9.6		30.22	11.19	23.02
21.0	1103	4.0			0.50	1.7	8.6	8.3	91.1	0.00		9.8		30.20	11.19	23.01
21.0	1103	5.0			0.54	1.9	8.6	8.2	90.9	0.00		9.5		30.27	11.10	23.08

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21.0	1103	6.0			0.57	2.1			8.6	8.3	8.3	8.3	91.0		0.01	10.2		30.41	11.03	23.20
21.0	1103	7.0			0.57	2.1			8.6	8.3	8.3	8.3	90.8		0.02	10.9		30.49	10.98	23.27
21.0	1103	8.0			0.56	2.0			8.6	8.3	8.3	8.3	91.1		0.03	11.4		30.55	10.97	23.32
21.0	1103	9.0			0.54	1.9			8.6	8.3	8.3	8.3	91.2		0.04	12.2		30.75	10.96	23.48
21.0	1103	10.0			0.53	1.8			8.5	8.3	8.3	8.3	91.4		0.05	13.2		30.77	10.96	23.49
21.0	1103	11.0			0.53	1.8			8.5	8.3	8.3	8.3	91.4		0.06	14.0		30.89	10.95	23.59
21.0	1103	12.0			0.52	1.8			8.5	8.3	8.3	8.3	91.5		0.07	14.6		30.93	10.95	23.62
21.0	1103	13.0			0.54	1.9			8.6	8.3	8.3	8.3	91.5		0.09	16.0		31.02	10.95	23.69
21.0	1103	14.0			0.55	2.0			8.6	8.3	8.3	8.3	91.5		0.12	17.9		31.02	10.95	23.69
21.0	1103	15.0			0.56	2.0			8.5	8.3	8.3	8.3	91.5		0.13	18.7		31.01	10.95	23.68
21.0	1103	16.0			0.56	2.0			8.6	8.3	8.3	8.3	91.5		0.13	19.0		31.02	10.95	23.69
21.0	1103	17.0			0.57	2.1			8.5	8.3	8.3	8.3	91.6		0.14	19.5		31.03	10.95	23.70
21.0	1103	18.0	2.1	0.48	0.57	2.1			8.6	8.3	8.3	8.3	91.5		0.16	20.8		31.03	10.95	23.70
20.0	1118	1.0			0.49	1.6			8.8	8.1	8.1	8.1	89.2		0.28	29.9	0.6	30.53	10.96	23.31
20.0	1118	2.0			0.51	1.7			8.8	8.1	8.1	8.1	89.2		0.02	10.8		30.53	10.96	23.30
20.0	1118	3.0			0.54	1.9			8.9	8.1	8.1	8.1	89.2		0.02	10.8		30.53	10.95	23.31
20.0	1118	4.0			0.56	2.0			8.8	8.1	8.1	8.1	89.2		0.02	10.7		30.55	10.95	23.32
20.0	1118	5.0			0.56	2.0			8.8	8.1	8.1	8.1	89.3		0.02	11.0		30.61	10.94	23.37
20.0	1118	6.0			0.56	2.0			8.8	8.1	8.1	8.1	89.5		0.02	10.8		30.65	10.94	23.40
20.0	1118	7.0			0.57	2.1			8.8	8.1	8.1	8.1	89.4		0.02	11.0		30.68	10.94	23.43
20.0	1118	8.0			0.57	2.1			8.8	8.1	8.1	8.1	89.5		0.02	11.0		30.68	10.94	23.42
20.0	1118	9.0			0.56	2.0			8.8	8.1	8.1	8.1	89.5		0.02	10.9		30.69	10.94	23.43
20.0	1118	10.0			0.55	2.0			8.8	8.1	8.1	8.1	89.5		0.02	10.8		30.68	10.94	23.43
20.0	1118	11.0			0.55	1.9			8.8	8.1	8.1	8.1	89.5		0.02	11.1		30.67	10.94	23.42
20.0	1118	12.0			0.54	1.9			8.8	8.1	8.1	8.1	89.8		0.02	11.1		30.93	10.93	23.62
20.0	1118	13.0			0.54	1.9			8.8	8.2	8.2	8.2	90.0		0.03	11.5		31.05	10.93	23.72
20.0	1118	14.0			0.53	1.8			8.8	8.2	8.2	8.2	90.0		0.04	12.1		31.11	10.93	23.76
20.0	1118	15.0			0.52	1.8			8.7	8.2	8.2	8.2	90.2		0.05	12.8		31.20	10.93	23.83
20.0	1118	16.0			0.52	1.8			8.7	8.2	8.2	8.2	90.3		0.06	13.6		31.26	10.93	23.88
20.0	1118	17.0			0.54	1.9			8.7	8.2	8.2	8.2	90.5		0.06	13.7		31.32	10.93	23.93
20.0	1118	18.0			0.55	1.9			8.7	8.2	8.2	8.2	90.5		0.07	14.7		31.28	10.93	23.89
20.0	1118	19.0			0.56	2.0			8.7	8.2	8.2	8.2	90.5		0.07	14.8		31.35	10.94	23.95

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	CHL a	DISCR	OXYG	CALC	OXYG	% OXY	DISCR	OBS	CALC	SPM	EXCOF	SALIN	TEMP	SIGT
20.0	1118	20.0			0.58	2.1	2.1	8.7	8.2	8.2	8.2	90.6	0.13	0.13	18.9	18.9		31.42	10.94	24.00
20.0	1118	21.0			0.58	2.1	2.1	8.7	8.2	8.2	8.2	90.7	0.17	0.17	21.5	21.5		31.43	10.94	24.01
20.0	1118	22.0			0.59	2.2	2.2	8.7	8.2	8.2	8.2	90.7	0.18	0.18	22.5	22.5		31.42	10.94	24.00
20.0	1118	23.0			0.61	2.3	2.3	8.7	8.2	8.2	8.2	90.6	0.19	0.19	22.9	22.9		31.43	10.94	24.01
20.0	1118	24.0			0.61	2.3	2.3	8.7	8.2	8.2	8.2	90.7	0.23	0.23	25.9	25.9		31.42	10.94	24.00
20.0	1118	25.0			0.60	2.2	2.2	8.7	8.2	8.2	8.2	90.6	0.29	0.29	30.4	30.4		31.42	10.94	24.00
.....																				
														n	r ²	Slope	Inter.	Std. Err.		
Fluorometer Calibration:														8	0.846	5.990	-1.350	0.237		
OBS Calibration:														6	0.959	71.829	9.550	7.410		
Dissolved Oxygen Calibration:														6	0.155	-0.608	13.483	0.183		

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	EXCOF	SALIN	TEMP	SIGT
657.0	1956	1.0			0.16	0.3					0.11	11.8	0.11	9.49	0.00
657.0	1956	2.0			0.16	0.3				10.6	0.10	10.8	0.11	9.49	0.00
657.0	1956	3.0			0.16	0.3					0.11	11.6	0.11	9.49	0.00
657.0	1956	4.0			0.16	0.3					0.11	11.6	0.11	9.49	0.00
657.0	1956	5.0			0.16	0.3					0.11	11.8	0.11	9.49	0.00
657.0	1956	6.0			0.16	0.3					0.11	11.8	0.11	9.49	0.00
657.0	1956	7.0			0.16	0.3					0.11	11.7	0.11	9.49	0.00
657.0	1956	8.0			0.16	0.3					0.10	11.1	0.11	9.49	0.00
657.0	1956	9.0			0.16	0.3					0.10	10.8	0.11	9.49	0.00
657.0	1956	10.0	0.8	0.64	0.16	0.3					0.10	10.8	0.11	9.49	0.00
653.0	1928	1.0			0.16	0.3					0.18	16.9	0.26	9.48	0.00
653.0	1928	2.0			0.16	0.3					0.19	17.1	0.26	9.48	0.00
653.0	1928	3.0			0.16	0.3					0.19	17.2	0.26	9.48	0.00
653.0	1928	4.0			0.16	0.3					0.19	17.6	0.26	9.48	0.00
653.0	1928	5.0			0.16	0.3					0.19	17.5	0.26	9.48	0.00
653.0	1928	6.0			0.16	0.3					0.20	18.2	0.27	9.49	0.00
653.0	1928	7.0			0.16	0.3					0.22	19.7	0.28	9.49	0.00
653.0	1928	8.0			0.16	0.3					0.23	20.2	0.28	9.50	0.00
653.0	1928	9.0			0.16	0.3					0.24	20.9	0.28	9.50	0.00
649.0	1855	1.0			0.30	0.7		9.8	9.1	81.6	0.24	21.0	1.24	10.03	0.67
649.0	1855	2.0	1.0	0.62	0.30	0.7	10.1	9.4	84.6		0.26	22.6	1.37	10.06	0.77
649.0	1855	3.0			0.30	0.7	10.4	9.7	86.8		0.30	24.9	1.57	10.10	0.93
649.0	1855	4.0			0.30	0.7	10.4	9.7	87.1		0.34	28.0	1.83	10.14	1.12
649.0	1855	5.0			0.30	0.7	10.4	9.7	87.3		0.38	30.8	2.07	10.15	1.31
649.0	1855	6.0			0.30	0.7	10.4	9.7	87.6		0.41	32.7	2.18	10.15	1.40
649.0	1855	7.0			0.29	0.7	10.5	9.8	88.2		0.40	32.0	2.29	10.17	1.48
649.0	1855	8.0			0.29	0.7	10.6	9.8	89.0		0.37	30.3	2.51	10.24	1.65
649.0	1855	9.0			0.29	0.7	10.5	9.8	89.0		0.33	27.6	2.89	10.36	1.93
649.0	1855	10.0	0.4	0.29	0.29	0.7	10.4	9.7	88.3		0.32	26.5	3.10	10.43	2.09

STN	TIME	DEPTH	DISCR	CHL a	CHL a/ a+PHA	FLUOR	CALC	DISCR	CHL a	OXYG	OXYG	CALC	% OXY	DISCR	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
2.0	1831	1.0				0.47	1.3		10.9	10.1	92.5	19.9	0.22					3.11	10.53	2.08
2.0	1831	2.0				0.47	1.3		10.9	10.1	92.5	20.7	0.24	19.3				3.19	10.52	2.15
2.0	1831	3.0				0.47	1.3		10.9	10.1	92.5	21.9	0.25					3.29	10.52	2.23
2.0	1831	4.0				0.47	1.3		10.9	10.1	92.8	22.2	0.26					3.60	10.53	2.46
2.0	1831	5.0				0.47	1.3		10.9	10.1	92.8	22.6	0.26					4.07	10.57	2.83
2.0	1831	6.0				0.47	1.2		10.8	10.0	92.8	23.6	0.28					4.27	10.57	2.98
2.0	1831	7.0				0.47	1.2		10.8	10.0	92.7	24.4	0.29					4.29	10.57	3.00
2.0	1831	8.0				0.46	1.2		10.8	10.0	92.8	25.3	0.30					4.29	10.56	3.00
2.0	1831	9.0				0.46	1.2		10.8	10.0	92.8	26.1	0.31					4.34	10.56	3.04
2.0	1831	10.0				0.47	1.2		10.8	10.0	92.8	26.9	0.32					4.37	10.57	3.06
2.0	1831	11.0				0.47	1.2		10.8	10.0	92.6	27.4	0.33					4.45	10.59	3.13
3.0	1814	1.0				0.47	1.3		10.7	9.9	91.9	27.4	0.33					4.37	10.67	3.05
3.0	1814	2.0	0.9	0.54		0.48	1.3	10.0	10.7	9.9	91.9	32.3	0.40					4.83	10.66	3.41
3.0	1814	3.0				0.48	1.3		10.6	9.9	91.9	34.0	0.42					5.32	10.66	3.79
3.0	1814	4.0				0.48	1.3		10.6	9.8	91.9	36.4	0.46					5.53	10.65	3.95
3.0	1814	5.0				0.48	1.3		10.6	9.9	92.2	37.3	0.47					5.57	10.65	3.98
3.0	1814	6.0				0.47	1.3		10.7	9.9	92.2	37.7	0.48					5.55	10.65	3.97
3.0	1814	7.0				0.48	1.3		10.6	9.9	92.1	37.3	0.47					5.55	10.65	3.97
3.0	1814	8.0				0.48	1.3		10.6	9.8	92.0	37.9	0.48					5.80	10.64	4.16
3.0	1814	9.0				0.48	1.3		10.6	9.8	92.1	40.1	0.51					6.03	10.63	4.35
3.0	1814	10.0	0.6	0.32		0.48	1.3		10.6	9.8	92.0	46.4	0.60					6.32	10.61	4.57
4.0	1750	1.0				0.47	1.3		10.3	9.5	89.2	36.3	0.46					6.27	10.56	4.54
4.0	1750	2.0				0.47	1.3		10.3	9.6	89.4	39.3	0.50	35.7				6.35	10.56	4.60
4.0	1750	3.0				0.48	1.3		10.3	9.6	89.6	42.2	0.54					6.62	10.55	4.81
4.0	1750	4.0				0.49	1.3		10.3	9.6	89.8	43.9	0.56					6.72	10.55	4.89
4.0	1750	5.0				0.49	1.3		10.3	9.6	89.8	44.6	0.57					6.76	10.55	4.92
4.0	1750	6.0				0.49	1.3		10.3	9.6	89.8	45.0	0.58					6.74	10.55	4.91
4.0	1750	7.0				0.48	1.3		10.3	9.6	90.0	43.8	0.56					6.82	10.54	4.97
4.0	1750	8.0				0.49	1.3		10.3	9.6	90.3	44.1	0.56					6.83	10.54	4.98
4.0	1750	9.0				0.49	1.3		10.4	9.6	90.5	44.4	0.57					6.87	10.54	5.01
4.0	1750	10.0				0.49	1.3		10.4	9.6	90.5	44.8	0.58					6.87	10.54	5.01

North San Francisco Bay

29 November 1994

94333

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	CHL a	DISCR	OXYG	OXYG	CALC	% OXY	DISCR	OBS	CALC	EXCOF	SALIN	TEMP	SIGT
			CHL a					OXYG	OXYG			SAT	SPM						
4.0	1750	11.0			0.49	1.3		10.4	9.7	90.7	0.57	44.6		0.57	44.6		6.88	10.54	5.01
4.0	1750	12.0			0.49	1.3		10.4	9.7	90.6	0.57	44.8		0.57	44.8		6.88	10.53	5.01
4.0	1750	13.0			0.49	1.3		10.5	9.7	91.2	0.58	45.5		0.58	45.5		6.88	10.53	5.01
4.0	1750	14.0			0.49	1.3		10.4	9.6	90.5	0.59	45.7		0.59	45.7		6.88	10.54	5.01
5.0	1728	1.0			0.49	1.3		10.3	9.6	90.8	0.54	42.4		0.54	42.4		8.34	10.42	6.17
5.0	1728	2.0			0.49	1.3		10.4	9.6	90.9	0.55	43.0		0.55	43.0		8.37	10.42	6.19
5.0	1728	3.0			0.49	1.3		10.4	9.6	90.9	0.55	43.1		0.55	43.1		8.39	10.41	6.20
5.0	1728	4.0			0.49	1.3		10.4	9.6	90.9	0.56	44.1		0.56	44.1		8.42	10.41	6.23
5.0	1728	5.0			0.49	1.3		10.4	9.6	91.0	0.57	44.2		0.57	44.2		8.46	10.40	6.26
5.0	1728	6.0			0.50	1.3		10.4	9.6	91.1	0.58	45.5		0.58	45.5		8.47	10.40	6.27
5.0	1728	7.0			0.50	1.3		10.4	9.7	91.3	0.60	46.3		0.60	46.3		8.47	10.40	6.27
5.0	1728	8.0			0.50	1.4		10.4	9.6	91.2	0.58	45.5		0.58	45.5		8.48	10.40	6.27
5.0	1728	9.0			0.50	1.3		10.4	9.7	91.3	0.59	45.7		0.59	45.7		8.48	10.40	6.27
5.0	1728	10.0			0.50	1.3		10.4	9.7	91.3	0.59	45.7		0.59	45.7		8.48	10.40	6.28
5.0	1728	11.0			0.50	1.3		10.4	9.7	91.3	0.60	46.3		0.60	46.3		8.49	10.40	6.29
6.0	1701	1.0			0.53	1.4		10.4	9.7	93.1	0.66	51.0		0.66	51.0		10.97	10.37	8.21
6.0	1701	2.0	0.9	0.40	0.53	1.4	9.6	10.5	9.7	93.2	0.66	50.8		0.66	50.8		10.98	10.38	8.22
6.0	1701	3.0			0.54	1.5		10.5	9.7	93.2	0.66	51.0		0.66	51.0		11.01	10.37	8.24
6.0	1701	4.0			0.54	1.5		10.4	9.7	93.2	0.67	51.2		0.67	51.2		11.04	10.37	8.26
6.0	1701	5.0			0.54	1.5		10.5	9.7	93.2	0.66	51.0		0.66	51.0		11.01	10.37	8.24
6.0	1701	6.0			0.54	1.5		10.4	9.7	93.2	0.67	51.2		0.67	51.2		11.07	10.37	8.29
6.0	1701	7.0			0.55	1.5		10.4	9.7	93.2	0.67	51.3		0.67	51.3		11.12	10.37	8.33
6.0	1701	8.0			0.54	1.5		10.4	9.7	93.2	0.67	51.2		0.67	51.2		11.23	10.36	8.42
6.0	1701	9.0			0.54	1.5		10.4	9.7	93.3	0.66	51.0		0.66	51.0		11.30	10.35	8.47
6.0	1701	10.0			0.54	1.5		10.4	9.7	93.3	0.67	51.5		0.67	51.5		11.32	10.35	8.48
6.0	1701	11.0	0.9	0.35	0.54	1.5		10.4	9.7	93.2	0.68	52.5		0.68	52.5		11.32	10.35	8.48
7.0	4630	1.0			0.57	1.6		10.0	9.3	91.1	0.65	50.2		0.65	50.2	2.6	13.77	10.39	10.38
7.0	1630	2.0			0.56	1.5		10.0	9.3	91.1	49.6	48.3		0.62	48.3		13.86	10.40	10.45
7.0	1630	3.0			0.57	1.6		10.0	9.3	91.2	0.64	49.3		0.64	49.3		13.88	10.40	10.47
7.0	1630	4.0			0.58	1.6		10.0	9.3	91.2	0.65	49.9		0.65	49.9		13.98	10.41	10.55

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	CHL a	OXYG	OXYG	OXYG	SAT	SPM	SPM	OXYG	OXYG		SPM	SPM				
7.0	1630	5.0			0.59	1.6					10.0	9.3	91.4			0.65	50.3			14.07	10.41	10.61	
7.0	1630	6.0			0.60	1.7					10.0	9.3	91.5			0.70	53.7			14.33	10.44	10.81	
7.0	1630	7.0			0.60	1.7					10.0	9.3	91.3			0.80	61.0			14.55	10.45	10.98	
7.0	1630	8.0			0.59	1.6					10.0	9.3	91.5			0.82	62.1			14.58	10.45	11.00	
7.0	1630	9.0			0.59	1.6					10.0	9.3	91.4			0.83	63.1			14.65	10.46	11.06	
7.0	1630	10.0			0.60	1.6					10.0	9.3	91.4			0.84	63.6			14.66	10.46	11.06	
7.0	1630	11.0			0.60	1.7					10.0	9.3	91.4			0.85	64.0			14.66	10.46	11.06	
7.0	1630	12.0			0.60	1.7					10.0	9.3	91.5			0.85	64.0			14.65	10.46	11.06	
7.0	1630	13.0			0.60	1.7					10.0	9.3	91.6			0.84	63.6			14.65	10.46	11.05	
7.0	1630	14.0			0.60	1.7					10.0	9.3	91.6			0.84	63.8			14.67	10.46	11.07	
8.0	1601	1.0			0.59	1.6					10.1	9.4	93.5			0.58	44.9	2.8		15.46	10.67	11.66	
8.0	1601	2.0			0.59	1.6					10.0	9.4	93.4			0.59	46.1			16.15	10.67	12.19	
8.0	1601	3.0			0.60	1.7					10.0	9.3	93.4			0.65	49.9			16.68	10.68	12.60	
8.0	1601	4.0			0.62	1.7					10.0	9.3	93.3			0.71	54.2			16.99	10.67	12.84	
8.0	1601	5.0			0.63	1.8					10.0	9.3	93.3			0.74	56.2			17.19	10.66	12.99	
8.0	1601	6.0			0.64	1.8					9.9	9.3	93.2			0.76	58.2			17.55	10.63	13.28	
8.0	1601	7.0			0.65	1.8					9.9	9.2	93.0			0.79	60.2			17.97	10.60	13.61	
8.0	1601	8.0			0.66	1.8					9.9	9.2	93.0			0.80	61.1			18.05	10.60	13.68	
8.0	1601	9.0			0.66	1.8					9.9	9.2	93.1			0.85	64.0			18.16	10.60	13.75	
8.0	1601	10.0			0.65	1.8					9.9	9.2	93.1			0.85	64.2			18.18	10.60	13.77	
8.0	1601	11.0			0.65	1.8					9.9	9.2	92.9			0.85	64.3			18.19	10.60	13.78	
8.0	1601	12.0			0.65	1.8					9.9	9.2	93.1			0.86	64.8			18.19	10.60	13.78	
8.0	1601	13.0			0.67	1.9					9.9	9.2	92.9			0.89	67.0			18.20	10.60	13.79	
8.0	1601	14.0			0.67	1.9					9.9	9.2	93.1			0.89	67.5			18.22	10.61	13.80	
9.0	1536	1.0			0.63	1.8					9.7	9.0	92.0			0.54	42.1	2.9		19.13	10.65	14.50	
9.0	1536	2.0	1.7	0.52	0.64	1.8			9.1		9.7	9.0	92.0			0.57	44.3			19.08	10.66	14.47	
9.0	1536	3.0			0.64	1.8					9.7	9.0	91.9			0.57	44.8			19.13	10.65	14.51	
9.0	1536	4.0			0.64	1.8					9.7	9.0	92.0			0.60	46.6			19.30	10.63	14.64	
9.0	1536	5.0			0.65	1.8					9.7	9.0	92.0			0.63	49.0			19.44	10.62	14.75	
9.0	1536	6.0			0.66	1.8					9.7	9.0	92.0			0.65	50.0			19.49	10.62	14.79	
9.0	1536	7.0			0.67	1.9					9.6	9.0	91.7			0.64	49.4			19.53	10.62	14.82	

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STN	TIME	DEPTH	DISCR	CHL a/	FLUOR	CALC	DISCR	CHL a	OXYG	% OXY	DISCR	OBS	CALC	EXCOF	SALIN	TEMP	SIGT
			CHL a	a+PHA						SAT	SPM		SPM				
9.0	1536	8.0			0.68	1.9		9.6	9.0	91.8		0.65	50.2		19.93	10.58	15.13
9.0	1536	9.0			0.68	1.9		9.6	9.0	91.8		0.69	52.7		20.09	10.57	15.26
9.0	1536	10.0			0.69	1.9		9.6	9.0	91.7		0.70	53.6		20.11	10.57	15.27
9.0	1536	11.0			0.69	1.9		9.6	9.0	91.8		0.72	54.9		20.09	10.57	15.26
9.0	1536	12.0			0.68	1.9		9.6	9.0	91.8		0.72	54.9		20.12	10.57	15.28
9.0	1536	13.0			0.68	1.9		9.6	9.0	91.9		0.72	55.1		20.11	10.57	15.28
9.0	1536	14.0			0.68	1.9		9.6	9.0	91.9		0.72	55.0		20.17	10.57	15.32
9.0	1536	15.0			0.68	1.9		9.6	9.0	91.9		0.72	55.2		20.25	10.57	15.38
9.0	1536	16.0			0.69	1.9		9.6	9.0	91.9		0.73	55.7		20.29	10.58	15.41
9.0	1536	17.0			0.70	2.0		9.6	9.0	91.8		0.73	55.9		20.28	10.58	15.40
9.0	1536	18.0			0.70	2.0		9.6	9.0	92.0		0.73	55.9		20.27	10.57	15.40
9.0	1536	19.0			0.69	2.0		9.6	9.0	91.9		0.74	56.2		20.31	10.58	15.43
9.0	1536	20.0			0.69	1.9		9.6	9.0	92.0		0.74	56.6		20.32	10.58	15.44
9.0	1536	21.0			0.69	2.0		9.6	9.0	92.0		0.74	56.7		20.47	10.59	15.55
9.0	1536	22.0			0.69	1.9		9.6	9.0	92.0		0.75	57.1		20.51	10.59	15.59
9.0	1536	23.0			0.68	1.9		9.6	9.0	92.1		0.77	58.7		20.53	10.59	15.60
9.0	1536	24.0			0.69	1.9		9.6	9.0	92.0		0.77	58.9		20.53	10.59	15.60
9.0	1536	25.0			0.69	1.9		9.6	9.0	92.1		0.80	60.5		20.48	10.58	15.56
9.0	1536	26.0			0.68	1.9		9.6	9.0	92.1		0.81	61.7		20.47	10.58	15.55
9.0	1536	27.0			0.71	2.0		9.6	9.0	92.2		0.80	60.8		20.47	10.58	15.55
9.0	1536	28.0	2.3	0.58	0.71	2.0		9.6	8.9	91.6		0.84	63.8		20.44	10.58	15.53
10.0	1517	1.0			0.68	1.9		9.6	9.0	92.5		0.66	50.9	3.5	21.27	10.52	16.18
10.0	1517	2.0			0.68	1.9		9.6	9.0	92.5		0.65	50.3		21.24	10.52	16.16
10.0	1517	3.0			0.67	1.9		9.6	9.0	92.5		0.65	50.0		21.25	10.52	16.16
10.0	1517	4.0			0.68	1.9		9.6	9.0	92.4		0.64	49.6		21.32	10.51	16.22
10.0	1517	5.0			0.70	2.0		9.6	9.0	92.5		0.65	50.0		21.51	10.49	16.37
10.0	1517	6.0			0.71	2.0		9.6	9.0	92.6		0.68	52.2		21.51	10.49	16.37
10.0	1517	7.0			0.71	2.0		9.6	9.0	92.6		0.71	54.2		21.51	10.48	16.38
10.0	1517	8.0			0.70	2.0		9.6	9.0	92.4		0.74	56.7		21.54	10.48	16.40
10.0	1517	9.0			0.70	2.0		9.6	9.0	92.5		0.76	57.7		21.70	10.47	16.52
10.0	1517	10.0			0.70	2.0		9.6	9.0	92.5		0.78	59.2		21.72	10.47	16.54
10.0	1517	11.0			0.72	2.0		9.6	9.0	92.2		0.79	59.9		21.75	10.46	16.57

STN	TIME	DEPTH	DISCR		CHL a	FLUOR	CALC		DISCR		OXYG	OXYG	CALC	% OXY	DISCR		CALC	EXCOF	SALIN	TEMP	SIGT
			CHL a	a+PHA			CHL a	OXYG	CHL a	OXYG					SPM	OBS					
10.0	1517	12.0			0.72	2.0		9.6	9.0	92.3					0.80		60.5		21.81	10.46	16.61
10.0	1517	13.0			0.71	2.0		9.6	9.0	92.4					0.83		62.7		21.90	10.45	16.68
10.0	1517	14.0			0.70	2.0		9.6	9.0	92.5					0.84		63.8		21.90	10.45	16.68
10.0	1517	15.0			0.71	2.0		9.6	9.0	92.4					0.84		63.9		21.90	10.45	16.68
10.0	1517	16.0			0.71	2.0		9.6	9.0	92.4					0.87		65.5		21.97	10.45	16.73
10.0	1517	17.0			0.71	2.0		9.6	9.0	92.4					0.87		65.6		22.00	10.45	16.76
11.0	1448	1.0			0.65	1.8		9.5	8.9	92.0					0.53		41.7	3.0	22.59	10.45	17.22
11.0	1448	2.0			0.65	1.8		9.5	8.9	92.3					0.54		42.1		22.63	10.45	17.25
11.0	1448	3.0			0.64	1.8		9.5	8.9	92.2					0.55		42.7		22.64	10.45	17.26
11.0	1448	4.0			0.65	1.8		9.5	8.9	92.4					0.56		43.6		22.66	10.45	17.27
11.0	1448	5.0			0.66	1.8		9.5	8.9	92.3					0.55		43.0		22.67	10.45	17.28
11.0	1448	6.0			0.68	1.9		9.5	8.9	92.3					0.56		43.9		22.67	10.45	17.28
11.0	1448	7.0			0.69	1.9		9.5	8.9	92.3					0.55		43.1		22.70	10.45	17.30
11.0	1448	8.0			0.67	1.9		9.5	8.9	92.4					0.56		43.8		22.71	10.45	17.31
11.0	1448	9.0			0.67	1.9		9.5	8.9	92.4					0.57		44.7		22.70	10.45	17.30
11.0	1448	10.0			0.68	1.9		9.5	8.9	92.4					0.56		44.1		22.75	10.45	17.34
11.0	1448	11.0			0.68	1.9		9.5	8.9	92.4					0.60		46.3		22.84	10.45	17.41
11.0	1448	12.0			0.68	1.9		9.5	8.9	92.4					0.63		48.8		22.85	10.45	17.42
12.0	1425	1.0			0.65	1.8		9.5	8.9	92.9					0.48		38.3	2.5	23.86	10.56	18.19
12.0	1425	2.0			0.65	1.8		9.5	8.9	93.0			40.9		0.49		38.5		23.93	10.55	18.25
12.0	1425	3.0			0.65	1.8		9.5	8.9	92.9					0.49		38.8		24.01	10.55	18.30
12.0	1425	4.0			0.65	1.8		9.5	8.9	92.8					0.50		39.7		24.19	10.54	18.44
12.0	1425	5.0			0.66	1.9		9.5	8.9	92.9					0.54		42.3		24.49	10.53	18.68
12.0	1425	6.0			0.67	1.9		9.5	8.8	92.9					0.56		43.8		24.60	10.53	18.76
12.0	1425	7.0			0.68	1.9		9.5	8.9	93.1					0.57		44.7		24.70	10.53	18.84
12.0	1425	8.0			0.68	1.9		9.4	8.8	92.9					0.58		45.4		24.72	10.53	18.86
12.0	1425	9.0			0.67	1.9		9.4	8.8	92.8					0.59		45.9		24.78	10.53	18.91
13.0	1348	1.0			0.64	1.8		9.4	8.8	93.4					0.23		20.4	1.6	25.85	10.66	19.71
13.0	1348	2.0	2.1	0.65	0.65	1.8	8.8	9.4	8.8	93.6			20.4		0.23		20.4		25.87	10.66	19.74
13.0	1348	3.0			0.65	1.8		9.4	8.8	93.6					0.23		20.2		25.86	10.66	19.73

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ b+PHA	FLUOR	CALC CHL a	DISCR OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
13.0	1348	4.0			0.65	1.8		9.4	8.8	93.6	0.24	21.1		25.98	10.66	19.82
13.0	1348	5.0			0.65	1.8		9.4	8.8	93.7	0.25	21.9		26.02	10.66	19.85
13.0	1348	6.0			0.65	1.8		9.4	8.8	93.7	0.27	23.0		26.04	10.66	19.86
13.0	1348	7.0			0.66	1.8		9.4	8.8	93.7	0.27	23.4		26.05	10.66	19.88
13.0	1348	8.0			0.67	1.9		9.4	8.8	93.8	0.28	23.9		26.06	10.66	19.88
13.0	1348	9.0			0.67	1.9		9.4	8.8	93.6	0.43	34.5		26.07	10.66	19.88
13.0	1348	10.0			0.66	1.9		9.4	8.8	94.0	0.31	26.3		26.07	10.66	19.88
14.0	1326	1.0			0.56	1.5		9.4	8.8	93.9	0.13	13.0	1.2	26.95	10.80	20.55
14.0	1326	2.0			0.57	1.6		9.3	8.7	93.6	0.12	12.3		26.76	10.81	20.40
14.0	1326	3.0			0.58	1.6		9.3	8.7	93.8	0.13	12.8	12.8	27.08	10.78	20.65
14.0	1326	4.0			0.59	1.6		9.3	8.7	93.7	0.12	12.7		27.08	10.78	20.66
14.0	1326	5.0			0.59	1.6		9.3	8.7	93.8	0.13	12.8		27.08	10.78	20.65
14.0	1326	6.0			0.60	1.7		9.3	8.7	93.8	0.13	13.0		27.08	10.78	20.65
14.0	1326	7.0			0.60	1.7		9.3	8.7	93.6	0.13	13.3		27.12	10.77	20.69
14.0	1326	8.0			0.60	1.7		9.3	8.7	93.6	0.14	14.0		27.22	10.76	20.76
14.0	1326	9.0			0.60	1.7		9.3	8.7	93.5	0.14	14.2		27.22	10.76	20.76
14.0	1326	10.0			0.60	1.7		9.3	8.7	93.6	0.17	16.2		27.41	10.73	20.92
14.0	1326	11.0			0.60	1.6		9.3	8.7	93.5	0.19	17.3		27.44	10.73	20.94
14.0	1326	12.0			0.60	1.7		9.3	8.7	93.4	0.19	17.1		27.44	10.73	20.94
14.0	1326	13.0			0.63	1.8		9.3	8.7	93.3	0.20	18.0		27.45	10.73	20.95
14.0	1326	14.0			0.63	1.8		9.3	8.7	93.8	0.21	18.5		27.45	10.73	20.95
15.0	1256	1.0			0.55	1.5		9.1	8.5	91.8	0.11	11.5	1.1	27.71	10.77	21.15
15.0	1256	2.0	1.9	0.71	0.57	1.6	8.6	9.1	8.5	91.7	0.10	11.3		27.77	10.76	21.19
15.0	1256	3.0			0.58	1.6		9.1	8.5	91.6	0.11	12.0		27.90	10.74	21.30
15.0	1256	4.0			0.58	1.6		9.0	8.5	91.4	0.13	13.3		27.91	10.74	21.31
15.0	1256	5.0			0.58	1.6		9.1	8.5	91.6	0.14	13.8		27.93	10.74	21.32
15.0	1256	6.0			0.59	1.6		9.1	8.5	91.6	0.16	15.2		27.97	10.74	21.35
15.0	1256	7.0			0.60	1.7		9.0	8.5	91.4	0.28	23.9		28.03	10.75	21.40
15.0	1256	8.0			0.62	1.7		9.0	8.5	91.4	0.36	29.8		28.06	10.75	21.42
15.0	1256	9.0			0.64	1.8		9.0	8.5	91.3	0.46	36.7		28.08	10.76	21.43
15.0	1256	10.0			0.66	1.8		9.0	8.5	91.3	0.48	38.3		28.07	10.75	21.43

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
15.0	1256	11.0			0.67	1.9		9.0	8.5	91.4		0.55	43.3		28.10	10.77	21.45
15.0	1256	12.0			0.66	1.8		9.0	8.5	91.3		0.58	45.4		28.12	10.77	21.46
15.0	1256	13.0			0.66	1.8		9.0	8.5	91.4		0.60	46.5		28.16	10.77	21.49
15.0	1256	14.0			0.66	1.9		9.0	8.4	91.3		0.60	46.4		28.19	10.78	21.51
15.0	1256	15.0			0.67	1.9		9.0	8.4	91.2		0.58	45.0		28.22	10.79	21.54
15.0	1256	16.0			0.66	1.9		9.0	8.4	91.2		0.58	45.0		28.24	10.79	21.56
15.0	1256	17.0			0.65	1.8		9.0	8.4	91.2		0.55	43.0		28.29	10.80	21.59
15.0	1256	18.0			0.65	1.8		9.0	8.4	91.2		0.52	40.8		28.32	10.80	21.61
15.0	1256	19.0			0.64	1.8		9.0	8.4	91.3		0.45	35.9		28.42	10.81	21.69
15.0	1256	20.0			0.63	1.8		9.0	8.4	91.1		0.43	34.7		28.43	10.81	21.70
15.0	1256	21.0			0.63	1.8		9.0	8.4	91.3		0.41	33.1		28.47	10.81	21.73
15.0	1256	22.0			0.62	1.7		9.0	8.4	91.4		0.41	32.7		28.51	10.82	21.76
15.0	1256	23.0			0.62	1.7		9.0	8.4	91.2		0.41	32.8		28.55	10.82	21.79
15.0	1256	24.0	2.0	0.53	0.63	1.7		8.9	8.4	91.1		0.43	34.5		28.57	10.82	21.81
16.0	1224	1.0			0.53	1.4		9.0	8.4	91.8		0.07	8.8	0.9	29.04	10.80	22.17
16.0	1224	2.0			0.54	1.5		9.0	8.4	91.9	9.8	0.07	8.8		29.27	10.79	22.36
16.0	1224	3.0			0.55	1.5		9.0	8.4	91.8		0.07	8.7		29.33	10.79	22.40
16.0	1224	4.0			0.56	1.6		9.0	8.4	91.8		0.07	8.9		29.34	10.79	22.41
16.0	1224	5.0			0.56	1.5		9.0	8.4	91.8		0.07	8.6		29.36	10.79	22.43
16.0	1224	6.0			0.55	1.5		8.9	8.4	91.7		0.07	8.9		29.85	10.82	22.80
16.0	1224	7.0			0.55	1.5		8.9	8.4	91.5		0.08	9.2		29.94	10.82	22.87
16.0	1224	8.0			0.55	1.5		8.9	8.4	91.4		0.10	10.9		29.92	10.82	22.85
16.0	1224	9.0			0.55	1.5		8.9	8.4	91.3		0.12	12.7		29.94	10.82	22.87
16.0	1224	10.0			0.55	1.5		8.9	8.4	91.4		0.14	14.1		29.98	10.83	22.90
16.0	1224	11.0			0.56	1.5		8.9	8.4	91.4		0.16	15.0		30.04	10.83	22.94
16.0	1224	12.0			0.58	1.6		8.9	8.4	91.4		0.16	15.5		30.05	10.83	22.95
16.0	1224	13.0			0.57	1.6		8.9	8.3	91.3		0.17	16.3		30.08	10.84	22.97
18.0	1134	1.0			0.54	1.5		8.7	8.2	91.0		0.01	4.4	0.5	31.41	10.93	23.99
18.0	1134	2.0	2.0	0.72	0.53	1.5	8.2	8.8	8.3	91.3		0.01	4.4		31.44	10.92	24.02
18.0	1134	3.0			0.53	1.5		8.8	8.3	91.3		0.01	4.4		31.46	10.92	24.03
18.0	1134	4.0			0.54	1.5		8.8	8.2	91.1		0.00	4.1		31.45	10.92	24.03

STN	TIME	DEPTH	DISCR	CHL a/ a+PHA	FLUOR	CALC	DISCR	OXYG	CALC	% OXY	DISCR	OBS	SPM	CALC	EXCOF	SALIN	TEMP	SIGT
18.0	1134	5.0			0.54	1.5		8.8	8.2	91.2		0.01	4.3			31.47	10.92	24.04
18.0	1134	6.0			0.54	1.5		8.8	8.2	91.2		0.01	4.4			31.47	10.92	24.05
18.0	1134	7.0			0.54	1.5		8.8	8.2	91.2		0.01	4.6			31.48	10.92	24.05
18.0	1134	8.0			0.55	1.5		8.8	8.2	91.2		0.00	4.2			31.48	10.92	24.05
18.0	1134	9.0			0.56	1.5		8.8	8.3	91.3		0.01	4.3			31.46	10.92	24.04
18.0	1134	10.0			0.56	1.5		8.8	8.3	91.3		0.01	4.5			31.46	10.92	24.04
18.0	1134	11.0			0.54	1.5		8.8	8.2	91.3		0.00	4.1			31.47	10.92	24.05
18.0	1134	12.0			0.53	1.4		8.8	8.3	91.3		0.00	3.9			31.44	10.92	24.02
18.0	1134	13.0			0.54	1.5		8.8	8.3	91.3		0.00	4.0			31.44	10.92	24.02
18.0	1134	14.0			0.55	1.5		8.8	8.3	91.3		0.00	4.2			31.44	10.92	24.02
18.0	1134	15.0			0.54	1.5		8.8	8.3	91.3		0.00	3.9			31.45	10.92	24.02
18.0	1134	16.0			0.54	1.5		8.8	8.3	91.3		0.00	4.1			31.45	10.92	24.03
18.0	1134	17.0			0.55	1.5		8.8	8.3	91.3		0.00	4.2			31.44	10.92	24.02
18.0	1134	18.0			0.57	1.6		8.8	8.3	91.4		0.00	4.2			31.44	10.92	24.02
18.0	1134	19.0			0.56	1.5		8.8	8.3	91.4		0.00	4.1			31.45	10.92	24.02
18.0	1134	20.0			0.54	1.5		8.8	8.3	91.4		0.00	3.9			31.45	10.92	24.03
18.0	1134	21.0			0.56	1.5		8.8	8.3	91.4		0.00	3.9			31.45	10.92	24.03
18.0	1134	22.0			0.61	1.7		8.8	8.3	91.4		0.00	4.0			31.45	10.92	24.03
18.0	1134	23.0			0.62	1.7		8.8	8.3	91.3		0.00	4.1			31.45	10.92	24.03
18.0	1134	24.0			0.59	1.6		8.8	8.3	91.4		0.00	3.9			31.45	10.92	24.02
18.0	1134	25.0			0.58	1.6		8.8	8.3	91.4		0.00	3.9			31.45	10.92	24.03
18.0	1134	26.0			0.57	1.6		8.8	8.3	91.3		-0.00	3.8			31.46	10.92	24.03
18.0	1134	27.0			0.56	1.5		8.8	8.3	91.4		0.00	4.0			31.48	10.92	24.05
18.0	1134	28.0			0.56	1.5		8.8	8.3	91.3		0.00	4.1			31.50	10.92	24.06
18.0	1134	29.0			0.57	1.6		8.8	8.2	91.3		0.00	4.2			31.52	10.92	24.08
18.0	1134	30.0			0.57	1.6		8.7	8.2	91.1		0.01	4.4			31.55	10.92	24.11
18.0	1134	31.0			0.58	1.6		8.7	8.2	91.1		0.00	4.2			31.59	10.91	24.14
18.0	1134	32.0			0.57	1.6		8.8	8.2	91.2		0.01	4.3			31.65	10.91	24.18
18.0	1134	33.0			0.56	1.5		8.7	8.2	91.0		0.01	4.8			31.73	10.91	24.25
18.0	1134	34.0			0.57	1.6		8.7	8.2	91.1		0.02	5.4			31.74	10.91	24.25
18.0	1134	35.0			0.57	1.6		8.7	8.2	90.9		0.03	5.9			31.76	10.90	24.27
18.0	1134	36.0			0.57	1.6		8.7	8.2	90.9		0.06	8.5			31.78	10.90	24.28
18.0	1134	37.0			0.57	1.6		8.7	8.2	90.8		0.55	42.7			31.74	10.91	24.25

STN	TIME	DEPTH	DISCR	CHL a	FLUOR	CHL a	DISCR	OXYG	OXYG	CALC	% OXY	DISCR	SPM	OBS	SPM	EXCOF	SALIN	TEMP	SIGT
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Fluorometer Calibration:																			
OBS Calibration:																			
Dissolved Oxygen Calibration:																			

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STN	TIME	DEPTH	DISCR	CHL a/	DISCR	CHL a	CALC	DISCR	CALC	OXYG	CALC	% OXY	DISCR	OBS	SPM	CALC	EXCOF	SALIN	TEMP	SIGT
			CHL a	CHL a	CHL a	CHL a	CHL a	CHL a	CHL a	CHL a	CHL a	CHL a	CHL a	CHL a	CHL a	CHL a	CHL a	CHL a	CHL a	CHL a
757	0804	1.0				0.16	0.3							0.06		8.3	1.1	0.42	9.66	0.06
757	0804	2.0	1.0	0.75		0.16	0.3						6.3	0.06		8.1		0.43	9.66	0.07
757	0804	3.0				0.16	0.3							0.06		8.3		0.43	9.66	0.07
757	0804	4.0				0.16	0.3							0.07		8.8		0.43	9.66	0.07
757	0804	5.0				0.16	0.3							0.07		8.6		0.43	9.67	0.07
757	0804	6.0				0.16	0.3							0.07		8.7		0.44	9.68	0.08
757	0804	7.0				0.16	0.3							0.07		8.8		0.44	9.67	0.08
757	0804	8.0				0.16	0.3							0.07		8.9		0.45	9.69	0.08
757	0804	9.0				0.16	0.3							0.07		8.9		0.47	9.69	0.10
757	0804	10.0				0.16	0.3							0.08		9.3		0.48	9.69	0.10
757	0804	11.0				0.16	0.3							0.08		9.4		0.49	9.70	0.11
757	0804	12.0				0.16	0.3							0.08		9.3		0.50	9.71	0.12
757	0804	13.0	1.3	0.92		0.16	0.3							0.08		9.8		0.51	9.72	0.13
753	0843	1.0				0.16	0.3							0.07		8.6	1.1	0.76	9.86	0.31
753	0843	2.0				0.16	0.3							0.07		8.6		0.76	9.85	0.31
753	0843	3.0				0.16	0.3							0.07		9.1		0.76	9.86	0.31
753	0843	4.0				0.16	0.3							0.07		9.0		0.77	9.86	0.32
753	0843	5.0				0.16	0.3							0.08		9.6		0.77	9.86	0.32
753	0843	6.0				0.16	0.3							0.09		9.9		0.77	9.86	0.32
753	0843	7.0				0.16	0.3							0.09		10.3		0.76	9.86	0.31
753	0843	8.0				0.16	0.3							0.09		10.4		0.77	9.87	0.32
753	0843	9.0				0.16	0.3							0.09		10.1		0.78	9.87	0.33
753	0843	10.0				0.16	0.3							0.09		10.1		0.79	9.87	0.33
753	0843	11.0				0.16	0.3							0.09		10.0		0.79	9.88	0.34
747	0936	1.0				0.16	0.3							0.18		16.6	1.6	3.26	10.66	2.19
747	0936	2.0				0.16	0.3							0.18		16.6		3.51	10.65	2.38
747	0936	3.0				0.16	0.3							0.20		18.2		3.73	10.67	2.55
747	0936	4.0				0.16	0.3							0.23		20.3		3.76	10.68	2.58
747	0936	5.0				0.16	0.3							0.24		20.9		3.75	10.68	2.57
747	0936	6.0				0.16	0.3							0.24		21.0		3.74	10.68	2.56
747	0936	7.0				0.16	0.3							0.24		21.0		3.68	10.68	2.51

94334

30 November 1994

Non-standard stations: San Francisco Bay

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	CALC OXYG	% OXY	DISCR SPM	CALC SPM	EXCOF	SALIN	TEMP	SIGT
747	0936	8.0			0.16	0.3		10.5	9.8	90.3	0.25		3.73	10.68	2.56
747	0936	9.0			0.16	0.3		10.5	9.8	90.3	0.25		3.80	10.68	2.61
747	0936	10.0			0.16	0.3		10.5	9.8	90.4	0.26		3.88	10.67	2.67
747	0936	11.0			0.16	0.3		10.5	9.8	90.5	0.27		3.91	10.67	2.69
747	0936	12.0			0.16	0.3		10.5	9.8	90.4	0.29		3.97	10.67	2.74
747	0936	13.0			0.16	0.3		10.5	9.8	90.4	0.30		4.01	10.67	2.77
747	0936	14.0			0.16	0.3		10.5	9.8	90.5	0.31		4.09	10.67	2.83
747	0936	15.0			0.16	0.3		10.5	9.8	90.5	0.30		4.01	10.67	2.77
747	0936	16.0			0.16	0.3		10.5	9.8	90.6	0.31		4.08	10.67	2.83
747	0936	17.0			0.16	0.3		10.5	9.8	90.6	0.32		4.14	10.67	2.87
747	0936	18.0			0.16	0.3		10.6	9.8	90.7	0.32		4.14	10.67	2.87
747	0936	19.0			0.16	0.3		10.6	9.8	90.7	0.33		4.14	10.67	2.87
747	0936	20.0			0.16	0.3		10.6	9.8	90.7	0.34		4.14	10.67	2.87

	n	r ²	slope	Inter.	Std. Err.
Fluorometer Calibration:	13	0.589	3.136	-0.220	0.437
OBS Calibration:	8	0.985	71.136	3.867	1.977
Dissolved Oxygen Calibration:	6	0.983	0.865	0.663	0.097

North Bay regression coefficients were used for all three calibrations.

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APPENDIX B

Phytoplankton Species Composition and Abundance in San Francisco Bay. Water samples were collected at a depth of two meters. Density is the phytoplankton density in cells per mL and volume is the biovolume of the phytoplankton in cubic micrometers per mL.

STATION	657	657	657	657	657
DATE	02/16/94	02/16/94	06/15/94	06/15/94	08/30/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density

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>Actinopterychus senarius</i>					
<i>Amphora</i> sp.					
<i>Asterionella formosa</i>	1.6	1632			
<i>Asterionella glacialis</i>					
<i>Bacillaria paxillifer</i>					
<i>Biddulphia alternans</i>					
<i>Biddulphia aurita</i>					
<i>Biddulphia mobiliensis</i>					
<i>Biddulphia longicruris</i> var. <i>hyalina</i>					
<i>Biddulphia pulchella</i>					
<i>Caloneis amphisbaena</i>	0.4	14331			
<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>			0.2	8796.2	0.8
<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>			0.8	4523.8	1
<i>Cyclotella caspia</i>					
<i>Cyclotella glomerata</i>					
<i>Cyclotella kutzingiana</i>					
<i>Cyclotella meneghiniana</i>	62.5	40770	125	21200	375
<i>Cyclotella pseudostelligera</i>					
<i>Cyclotella</i> sp.					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	657	657	657	657	657
DATE	02/16/94	02/16/94	06/15/94	06/15/94	08/30/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density
<i>Cyclotella stelligera</i>					
<i>Cyclotella striata</i>					
<i>Cylindrotheca (Nitzschia) closterium</i>					
<i>Cymbella sinuata</i>					
<i>Diatoma vulgare</i>					
<i>Diploneis</i> sp.					
<i>Ditylum brightwellii</i>					
<i>Entomoneis paludosa</i>			0.2	1958.4	
<i>Eucampia zoodiacus</i>					
<i>Fragilaria crotonensis</i>					
<i>Fragilaria pinnata</i>					
<i>Fragilaria</i> sp.	11.6	5533.5			
<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 ambigua</i>					
<i>Melosira distans</i>	4.8	546.6	3.6	678.2	
<i>Melosira granulata</i>					1.2
<i>Melosira granulata</i> var. <i>angustissima</i>					
<i>Melosira italica</i>			0.6	2682.2	
<i>Melosira lirata</i>	27.2	5152.6			
<i>Melosira moniliformis</i>					
<i>Melosira nummuloides</i>					
<i>Melosira</i> sp.					
<i>Melosira varians</i>	2	23446.9			
<i>Navicula arenaria</i>					
<i>Navicula capitata</i>					
<i>Navicula cari</i> var. <i>cincta</i>					
<i>Navicula halophila</i>					
<i>Navicula incerta</i>					
<i>Navicula indifferens</i>					
<i>Navicula mutica</i> var. <i>undulata</i>					
<i>Navicula mutica</i>					
<i>Navicula notha</i>					
<i>Navicula peregrina</i>					
<i>Navicula pupula</i>					
<i>Navicula</i> sp.					
<i>Navicula subminiscula</i>					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	657	657	657	657	657
DATE	02/16/94	02/16/94	06/15/94	06/15/94	08/30/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density
<i>Navicula tripunctata</i>					
<i>Nitzschia acicularis</i>					
<i>Nitzschia accommodata</i>					
<i>Nitzschia agnewii</i>					
<i>Nitzschia clausii</i>					
<i>Nitzschia dissipata</i>					
<i>Nitzschia fonticola</i>					
<i>Nitzschia frustulum</i>					
<i>Nitzschia gracilis</i>					
<i>Nitzschia inconspicua</i>					
<i>Nitzschia kuetzingiana</i>			62.5	5956.3	1
<i>Nitzschia linearis</i>	1.2	10177.1			
<i>Nitzschia longissima</i>					
<i>Nitzschia microcephala</i>					
<i>Nitzschia pacifica</i>					
<i>Nitzschia palea</i>			0.2	360.2	2.4
<i>Nitzschia paleacea</i>					
<i>Nitzschia panduriformis</i>					
<i>Nitzschia reversa</i>					
<i>Nitzschia seriata**</i>					
<i>Nitzschia</i> sp. 1					
<i>Nitzschia</i> sp. 2					
<i>Nitzschia tryblionella</i> var. <i>levidensis</i>					
<i>Nitzschia vitrea</i>					
<i>Odontella</i> (<i>Biddulphia</i>) <i>mobiliensis</i>					
<i>Paralia sulcata</i>					
<i>Pinnularia gibba</i>					
<i>Pleurosigma aestuarii</i>					
<i>Pleurosigma angulatum</i>					
<i>Pleurosigma elongatum</i>					
<i>Pleurosigma normanii</i>					
<i>Pleurosigma obscurum</i>					
<i>Pleurosigma</i> sp. 1					
<i>Pleurosigma</i> sp. 2					
<i>Rhizosolenia alata</i>					
<i>Rhizosolenia delicatula</i>					
<i>Rhizosolenia fragilissima</i>					
<i>Rhizosolenia setigera</i>					
<i>Rhizosolenia stotterfothii</i>					
<i>Rhizosolenia styliformis</i>					
<i>Rhoicosphenia curvata</i>					
<i>Rhopalodia gibba</i>					
<i>Schroederella delicatula</i>					
<i>Skeletonema costatum</i>					
<i>Skeletonema</i> sp.					125
<i>Stephanodiscus dubius</i>					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	657	657	657	657	657
DATE	02/16/94	02/16/94	06/15/94	06/15/94	08/30/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density
<i>Stephanodiscus hantzschii</i>					
<i>Stephanodiscus</i> sp.	1.6	7539.6			
<i>Stephanopyxis</i> sp.					
<i>Streptotheca tamesis</i>					
<i>Synedra delicatissima</i>					
<i>Synedra radians</i>					
<i>Synedra rumpens</i>					
<i>Synedra</i> sp. 1					0.2
<i>Synedra</i> sp. 2					
<i>Thalassionema nitzschioides</i>					
<i>Thalassiosira decipiens</i>					
<i>Thalassiosira gravida</i>					
<i>Thalassiosira nordenskioldii</i>					
<i>Thalassiosira rotula</i>					
<i>Thalassiosira subtilis</i>					
<i>Thalassiosira (fluviatilis) weissflogii</i>					
<i>Thalassiothrix frauenfeldii</i>					
<i>Thalassiothrix</i> sp.					
<i>Tropidoneis</i> sp.					
CHLOROPHYCEAE					
<i>Actinastrum hantzschii</i>					1.4
<i>Chlamydomonas</i> sp. 1					
<i>Chlamydomonas</i> sp. 2					
<i>Chlorella marina</i>					
<i>Chlorella salina</i>			375	36000	312.5
<i>Chlorella</i> sp.	125	525			
<i>Chlorococcum</i> sp.					
<i>Chlorogonium</i> sp.	0.4	36.9			
<i>Choricystis</i> sp.	875	1050			
<i>Coelastrum sphaericum</i>					
<i>Coelastrum</i> sp.					
<i>Eudorina elegans</i>					
<i>Franceia</i> sp.					
<i>Kirchneriella irregularis</i> var. <i>spiralis</i>					
<i>Kirchneriella lunaris</i>			62.5	262.5	
<i>Kirchneriella obesa</i>					250
<i>Lagerheimia genevensis</i>					
<i>Micractinium pusillum</i>					
<i>Monoraphidium contortum</i>					
<i>Monoraphidium convolutum</i>					
<i>Monoraphidium griffithii</i>					
<i>Monoraphidium pusillum</i>					
<i>Monoraphidium</i> sp.					
<i>Nannochloris atomus</i>			8562.5	17775	4625
<i>Pediastrum boryanum</i>					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	657	657	657	657	657
DATE	02/16/94	02/16/94	06/15/94	06/15/94	08/30/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density
<i>Pediastrum duplex</i>					
<i>Planctonema</i> sp.					
<i>Scenedesmus acuminatus</i>					
<i>Scenedesmus ecomis</i>					
<i>Scenedesmus intermedius</i>			250	2460.8	
<i>Scenedesmus opoliensis</i>					0.8
<i>Schroederia setigera</i>					
<i>Spermatozopsis</i> sp.					62.5
CHRYSTOPHYCEAE					
<i>Chromulina</i> sp.					
<i>Chrysococcus</i> sp.					
<i>Chrysochromulina kappa</i>					
<i>Dinobryon divergens</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>	125	26859.8			625
<i>Chroomonas amphioxeia</i>					62.5
<i>Chroomonas pleurococca?</i>					
<i>Chroomonas salina</i>					312.5
<i>Chroomonas</i> sp.					
<i>Cryptomonas marsonii</i>					
<i>Cryptomonas ovata</i>					0.2
<i>Cryptomonas reflexa</i>					0.6
<i>Cryptomonas rostrata</i>					
<i>Cryptomonas rostratiformis</i>					
<i>Cryptomonas</i> sp.					
CYANOPHYCEAE					
<i>Anabaena affinis</i>					
<i>Anabaena circinalis</i>					2.4
<i>Anabaena flos-aquae</i>					
<i>Anabaena</i> sp.					
<i>Anacystis</i> sp.					
<i>Aphanocapsa delicatissima</i>					
<i>Chroococcus</i> sp.					
<i>Dactylococcopsis acicularis</i>	0.8	38.6			
<i>Dactylococcopsis fascicularis</i>	0.4	13.4			
<i>Dactylococcopsis</i> sp.					
<i>Lyngbya limnetica</i>					
<i>Marsoniella elegans</i>					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	657	657	657	657	657
DATE	02/16/94	02/16/94	06/15/94	06/15/94	08/30/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density

Merismopedia tenuissima

Oscillatoria agardhii 131.2 2700

Oscillatoria limnetica

Oscillatoria prolifica

Oscillatoria sp.

Phormidium sp.

Synechococcus sp.

DINOPHYCEAE

Ceratium minutum

Dinophysis fortii

Dinophysis sp.

Exuviella sp.

Glenodinium sp.

Gonyaulax catenella?

Gonyaulax sp.

Gonyaulax tamarensis

Gonyaulax triacantha

Gymnodinium sp.

Gymnodinium splendens

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

Trachelomonas sp. 0.4 3272.4

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	657	657	657	657	657
DATE	02/16/94	02/16/94	06/15/94	06/15/94	08/30/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density
PRASINOPHYCEAE					
<i>Nephroselmis pyriformis</i>					
<i>Pedinomonas</i> sp.					
<i>Pseudoscurfieldia 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:	211599.1	353853.4	254885.1	348095.6	252736

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	657	657	657	757	757
DATE	08/30/94	10/26/94	10/26/94	04/19/94	04/19/94
DENSITY/VOLUME*	Volume	Density	Volume	Density	Volume

BACILLARIOPHYCEAE

Achnanthes clevei

Achnanthes lanceolata

Achnanthes linearis

Achnanthes microcephala

Achnanthes minutissima

Achnanthes sp.

Actinoptychus senarius

Amphora sp.

Asterionella formosa

Asterionella glacialis

Bacillaria paxillifer

0.4 964.2

Biddulphia alternans

Biddulphia aurita

Biddulphia mobiliensis

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 curvatulus

28147.8

58.8 2068866.2

Coscinodiscus excentricus

Coscinodiscus granulatus?

Coscinodiscus lineatus

0.6 21110.9

Coscinodiscus marginatus

Coscinodiscus nitidus

Coscinodiscus oculus-iridis

Coscinodiscus radiatus

3404.6

6.8 306729.2

Cyclotella caspia

Cyclotella glomerata

Cyclotella kutzingiana

Cyclotella meneghiniana

7950

0.2

1235.2

562.5

334786.2

Cyclotella pseudostelligera

Cyclotella sp.

62.5

11900

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	657	657	657	757	757
DATE	08/30/94	10/26/94	10/26/94	04/19/94	04/19/94
DENSITY/VOLUME*	Volume	Density	Volume	Density	Volume
<i>Cyclotella stelligera</i>					
<i>Cyclotella striata</i>		125	3862.5		
<i>Cylindrotheca (Nitzschia) closterium</i>					
<i>Cymbella sinuata</i>					
<i>Diatoma vulgare</i>					
<i>Diploneis</i> sp.					
<i>Ditylum brightwellii</i>					
<i>Entomoneis paludosa</i>		0.2	1673.3		
<i>Eucampia zoodiacus</i>					
<i>Fragilaria crotonensis</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>				0.2	3991.1
<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 ambigua</i>				2.8	1055.5
<i>Melosira distans</i>				375	49832
<i>Melosira granulata</i>	2791.9				
<i>Melosira granulata</i> var. <i>angustissima</i>					
<i>Melosira italica</i>					
<i>Melosira lirata</i>					
<i>Melosira moniliformis</i>					
<i>Melosira nummuloides</i>					
<i>Melosira</i> sp.				2.8	19087.8
<i>Melosira varians</i>				1.6	18525.1
<i>Navicula arenaria</i>					
<i>Navicula capitata</i>					
<i>Navicula cari</i> var. <i>cincta</i>					
<i>Navicula halophila</i>					
<i>Navicula incerta</i>					
<i>Navicula indifferens</i>					
<i>Navicula mutica</i> var. <i>undulata</i>					
<i>Navicula mutica</i>					
<i>Navicula notha</i>					
<i>Navicula peregrina</i>					
<i>Navicula pupula</i>					
<i>Navicula</i> sp.					
<i>Navicula subminiscula</i>					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	657	657	657	757	757
DATE	08/30/94	10/26/94	10/26/94	04/19/94	04/19/94
DENSITY/VOLUME*	Volume	Density	Volume	Density	Volume
<i>Navicula tripunctata</i>					
<i>Nitzschia acicularis</i>					
<i>Nitzschia accommodata</i>					
<i>Nitzschia agnewii</i>					
<i>Nitzschia clausii</i>					
<i>Nitzschia dissipata</i>					
<i>Nitzschia fonticola</i>					
<i>Nitzschia frustulum</i>					
<i>Nitzschia gracilis</i>					
<i>Nitzschia inconspicua</i>					
<i>Nitzschia kuetzingiana</i>	42	0.6001563	803.2	2.4	397.4
<i>Nitzschia linearis</i>					
<i>Nitzschia longissima</i>				0.4	382.8
<i>Nitzschia microcephala</i>					
<i>Nitzschia pacifica</i>					
<i>Nitzschia palea</i>	697				
<i>Nitzschia paleacea</i>					
<i>Nitzschia panduriformis</i>					
<i>Nitzschia reversa</i>					
<i>Nitzschia seriata**</i>					
<i>Nitzschia</i> sp. 1					
<i>Nitzschia</i> sp. 2					
<i>Nitzschia tryblionella</i> var. <i>levidensis</i>					
<i>Nitzschia vitrea</i>					
<i>Odontella</i> (<i>Biddulphia</i>) <i>mobiliensis</i>					
<i>Paralia sulcata</i>					
<i>Pinnularia gibba</i>					
<i>Pleurosigma aestuarii</i>					
<i>Pleurosigma angulatum</i>					
<i>Pleurosigma elongatum</i>					
<i>Pleurosigma normanii</i>					
<i>Pleurosigma obscurum</i>					
<i>Pleurosigma</i> sp. 1					
<i>Pleurosigma</i> sp. 2					
<i>Rhizosolenia alata</i>					
<i>Rhizosolenia delicatula</i>					
<i>Rhizosolenia fragilissima</i>					
<i>Rhizosolenia setigera</i>					
<i>Rhizosolenia stotterfothii</i>					
<i>Rhizosolenia styliformis</i>					
<i>Rhoicosphenia curvata</i>					
<i>Rhopalodia gibba</i>					
<i>Schroederella delicatula</i>					
<i>Skeletonema costatum</i>		187.5	26437.5		
<i>Skeletonema</i> sp.	6050				
<i>Stephanodiscus dubius</i>					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	657	657	657	757	757
DATE	08/30/94	10/26/94	10/26/94	04/19/94	04/19/94
DENSITY/VOLUME*	Volume	Density	Volume	Density	Volume
<i>Stephanodiscus hantzschii</i>					
<i>Stephanodiscus</i> sp.					
<i>Stephanopyxis</i> sp.					
<i>Streptotheca tamesis</i>					
<i>Synedra delicatissima</i>					
<i>Synedra radians</i>					
<i>Synedra rumpens</i>					
<i>Synedra</i> sp. 1	99.2				
<i>Synedra</i> sp. 2					
<i>Thalassionema nitzschioides</i>					
<i>Thalassiosira decipiens</i>		4.8	22618.8		
<i>Thalassiosira gravida</i>					
<i>Thalassiosira nordenskioldii</i>					
<i>Thalassiosira rotula</i>					
<i>Thalassiosira subtilis</i>					
<i>Thalassiosira</i> (fluvialis) <i>weissflogii</i>					
<i>Thalassiothrix frauenfeldii</i>					
<i>Thalassiothrix</i> sp.					
<i>Tropidoneis</i> sp.					
CHLOROPHYCEAE					
<i>Actinastrum hantzschii</i>	55				
<i>Chlamydomonas</i> sp. 1					
<i>Chlamydomonas</i> sp. 2					
<i>Chlorella marina</i>		62.5	2093.8		
<i>Chlorella salina</i>	10468.8				
<i>Chlorella</i> sp.					
<i>Chlorococcum</i> sp.					
<i>Chlorogonium</i> sp.					
<i>Choricystis</i> sp.					
<i>Coelastrum sphaericum</i>					
<i>Coelastrum</i> sp.					
<i>Eudorina elegans</i>					
<i>Franceia</i> sp.					
<i>Kirchneriella irregularis</i> var. <i>spiralis</i>					
<i>Kirchneriella lunaris</i>				125	525
<i>Kirchneriella obesa</i>	1575				
<i>Lagerheimia genevensis</i>					
<i>Micractinium pusillum</i>					
<i>Monoraphidium contortum</i>					
<i>Monoraphidium convolutum</i>					
<i>Monoraphidium griffithii</i>					
<i>Monoraphidium pusillum</i>					
<i>Monoraphidium</i> sp.					
<i>Nannochloris atomus</i>	8325	5625	7125	15125	27225
<i>Pediastrum boryanum</i>					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	657	657	657	757	757
DATE	08/30/94	10/26/94	10/26/94	04/19/94	04/19/94
DENSITY/VOLUME*	Volume	Density	Volume	Density	Volume
<i>Pediastrum duplex</i>					
<i>Planctonema</i> sp.					
<i>Scenedesmus acuminatus</i>					
<i>Scenedesmus ecomis</i>					
<i>Scenedesmus intermedius</i>					
<i>Scenedesmus opoliensis</i>	394.9				
<i>Schroederia setigera</i>					
<i>Spermatozopsis</i> sp.	1306.3	312.5	5250	125	1963.4

CHRYSTOPHYCEAE

Chromulina sp.
Chrysococcus sp.
Chrysochromulina kappa
Dinobryon divergens
Distephanus speculum
Kephyrion sp.
Mallomonas sp.
Monas sp.
Ochromonas sp.

CRYPTOPHYCEAE

<i>Chroomonas acuta</i>	71250	312.5	33687.5		
<i>Chroomonas amphioxeia</i>	23568.8	0.2	52.8	187.5	70706.3
<i>Chroomonas pleurococca?</i>					
<i>Chroomonas salina</i>	32500	562.5	15750	2125	221000
<i>Chroomonas</i> sp.					
<i>Cryptomonas marsonii</i>					
<i>Cryptomonas ovata</i>	453.4	0.6	912		
<i>Cryptomonas reflexa</i>	11329.5	0.2	361.1		
<i>Cryptomonas rostrata</i>					
<i>Cryptomonas rostratiformis</i>					
<i>Cryptomonas</i> sp.					

CYANOPHYCEAE

<i>Anabaena affinis</i>					
<i>Anabaena circinalis</i>	643.4				
<i>Anabaena flos-aquae</i>					
<i>Anabaena</i> sp.					
<i>Anacystis</i> sp.					
<i>Aphanocapsa delicatissima</i>					
<i>Chroococcus</i> sp.					
<i>Dactylococcopsis acicularis</i>					
<i>Dactylococcopsis fascicularis</i>		31.3	1147.2		
<i>Dactylococcopsis</i> sp.					
<i>Lyngbya limnetica</i>					
<i>Marssoniella elegans</i>					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	657	657	657	757	757
DATE	08/30/94	10/26/94	10/26/94	04/19/94	04/19/94
DENSITY/VOLUME*	Volume	Density	Volume	Density	Volume

Merismopedia tenuissima

Oscillatoria agardhii

Oscillatoria limnetica

Oscillatoria prolifica

Oscillatoria sp.

Phormidium sp.

Synechococcus sp.

DINOPHYCEAE

Ceratium minutum

Dinophysis fortii

Dinophysis sp.

Exuviella sp.

Glenodinium sp.

Gonyaulax catenella?

Gonyaulax sp.

Gonyaulax tamarensis

Gonyaulax triacantha

Gymnodinium sp.

Gymnodinium splendens

Gyrodinium spirale

Heterocapsa triquetra

Katodinium rotundatum

0.2 17.1

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

Trachelomonas sp.

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	657	657	657	757	757
DATE	08/30/94	10/26/94	10/26/94	04/19/94	04/19/94
DENSITY/VOLUME*	Volume	Density	Volume	Density	Volume
PRASINOPHYCEAE					
<i>Nephroselmis pyriformis</i>					
<i>Pedinomonas</i> sp.				125	321.6
<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:	457026.6	219028.9	367777.9	264469.2	3372001.8

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	757	757	757	757	757
DATE	06/15/94	06/15/94	08/30/94	08/30/94	10/26/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density

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>Actinopterychus senarius</i>					
<i>Amphora</i> sp.					
<i>Asterionella formosa</i>					
<i>Asterionella glacialis</i>					
<i>Bacillaria paxillifer</i>					
<i>Biddulphia alternans</i>					
<i>Biddulphia aurita</i>					
<i>Biddulphia mobiliensis</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>	0.4	7025.1			
<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>	0.6	1577	0.4	3096.3	
<i>Cyclotella caspia</i>					
<i>Cyclotella glomerata</i>			125	2650	
<i>Cyclotella kutzingiana</i>	187.5	43293.8	0.4	444.6	
<i>Cyclotella meneghiniana</i>			250	28275	
<i>Cyclotella pseudostelligera</i>					
<i>Cyclotella</i> sp.					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	757	757	757	757	757
DATE	06/15/94	06/15/94	08/30/94	08/30/94	10/26/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density
<i>Cyclotella stelligera</i>					
<i>Cyclotella striata</i>			1.6	563	
<i>Cylindrotheca (Nitzschia) closterium</i>					
<i>Cymbella sinuata</i>					
<i>Diatoma vulgare</i>					
<i>Diploneis</i> sp.					
<i>Ditylum brightwellii</i>					
<i>Entomoneis paludosa</i>			0.2	1958.4	
<i>Eucampia zoodiacus</i>					
<i>Fragilaria crotonensis</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 ambigua</i>					
<i>Melosira distans</i>					
<i>Melosira granulata</i>					0.6
<i>Melosira granulata</i> var. <i>angustissima</i>					
<i>Melosira italica</i>	4.4	3365.6	146.8	500309.1	
<i>Melosira lirata</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> var. <i>cincta</i>					
<i>Navicula halophila</i>					
<i>Navicula incerta</i>					
<i>Navicula indifferens</i>					
<i>Navicula mutica</i> var. <i>undulata</i>					
<i>Navicula mutica</i>					
<i>Navicula notha</i>					
<i>Navicula peregrina</i>					
<i>Navicula pupula</i>					
<i>Navicula</i> sp.					
<i>Navicula subminiscula</i>					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	757	757	757	757	757
DATE	06/15/94	06/15/94	08/30/94	08/30/94	10/26/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density
<i>Navicula tripunctata</i>					
<i>Nitzschia acicularis</i>					
<i>Nitzschia accommodata</i>					
<i>Nitzschia agnewii</i>					
<i>Nitzschia clausii</i>					
<i>Nitzschia dissipata</i>					
<i>Nitzschia fonticola</i>					
<i>Nitzschia frustulum</i>					
<i>Nitzschia gracilis</i>					
<i>Nitzschia inconspicua</i>					
<i>Nitzschia kuetzingiana</i>	62.5	5956.3			62.5
<i>Nitzschia linearis</i>					
<i>Nitzschia longissima</i>					
<i>Nitzschia microcephala</i>					
<i>Nitzschia pacifica</i>					
<i>Nitzschia palea</i>					
<i>Nitzschia paleacea</i>					
<i>Nitzschia panduriformis</i>					
<i>Nitzschia reversa</i>			0.6	960	
<i>Nitzschia seriata**</i>					
<i>Nitzschia</i> sp. 1					
<i>Nitzschia</i> sp. 2					
<i>Nitzschia tryblionella</i> var. <i>levidensis</i>					
<i>Nitzschia vitrea</i>					
<i>Odontella</i> (<i>Biddulphia</i>) <i>mobiliensis</i>					
<i>Paralia sulcata</i>					
<i>Pinnularia gibba</i>					
<i>Pleurosigma aestuarii</i>					
<i>Pleurosigma angulatum</i>					
<i>Pleurosigma elongatum</i>					
<i>Pleurosigma normanii</i>					
<i>Pleurosigma obscurum</i>					
<i>Pleurosigma</i> sp. 1					
<i>Pleurosigma</i> sp. 2					
<i>Rhizosolenia alata</i>					
<i>Rhizosolenia delicatula</i>					
<i>Rhizosolenia fragilissima</i>					
<i>Rhizosolenia setigera</i>					
<i>Rhizosolenia stouterfothii</i>					
<i>Rhizosolenia styliiformis</i>					
<i>Rhoicosphenia curvata</i>					
<i>Rhopalodia gibba</i>					
<i>Schroederella delicatula</i>					
<i>Skeletonema costatum</i>					
<i>Skeletonema</i> sp.			16.4	1020.1	
<i>Stephanodiscus dubius</i>					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	757	757	757	757	757
DATE	06/15/94	06/15/94	08/30/94	08/30/94	10/26/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density
<i>Stephanodiscus hantzschii</i>					
<i>Stephanodiscus</i> sp.					
<i>Stephanopyxis</i> sp.					
<i>Streptotheca tamesis</i>					
<i>Synedra delicatissima</i>					
<i>Synedra radians</i>					
<i>Synedra rumpens</i>					
<i>Synedra</i> sp. 1					
<i>Synedra</i> sp. 2					
<i>Thalassionema nitzschioides</i>					
<i>Thalassiosira decipiens</i>					0.2
<i>Thalassiosira gravida</i>					
<i>Thalassiosira nordenskioldii</i>					
<i>Thalassiosira rotula</i>					
<i>Thalassiosira subtilis</i>					
<i>Thalassiosira</i> (fluviatilis) weissflogii					
<i>Thalassiothrix frauenfeldii</i>					
<i>Thalassiothrix</i> sp.					
<i>Tropidoneis</i> sp.					
CHLOROPHYCEAE					
<i>Actinastrum hantzschii</i>					
<i>Chlamydomonas</i> sp. 1					
<i>Chlamydomonas</i> sp. 2					
<i>Chlorella marina</i>					
<i>Chlorella salina</i>					
<i>Chlorella</i> sp.					
<i>Chlorococcum</i> sp.					
<i>Chlorogonium</i> sp.					
<i>Choricystis</i> sp.					
<i>Coelastrum sphaericum</i>					
<i>Coelastrum</i> sp.					
<i>Eudorina elegans</i>					
<i>Franceia</i> sp.					
<i>Kirchneriella irregularis</i> var. <i>spiralis</i>					
<i>Kirchneriella lunaris</i>	125	912.5			
<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 pusillum</i>					
<i>Monoraphidium</i> sp.					
<i>Nannochloris atomus</i>	6062.5	7275	10937.5	19687.5	12812.5
<i>Pediastrum boryanum</i>					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	757	757	757	757	757
DATE	06/15/94	06/15/94	08/30/94	08/30/94	10/26/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density
<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>Schroederia setigera</i>					
<i>Spermatozopsis</i> sp.			437.5	4593.8	62.5
CHRYSTOPHYCEAE					
<i>Chromulina</i> sp.					
<i>Chrysococcus</i> sp.					
<i>Chrysochromulina kappa</i>					
<i>Dinobryon divergens</i>					
<i>Distephanus speculum</i>					
<i>Kephyrion</i> sp.					
<i>Mallomonas</i> sp.					
<i>Monas</i> sp.					
<i>Ochromonas</i> sp.					31.3
CRYPTOPHYCEAE					
<i>Chroomonas acuta</i>	375	42750	687.5	104981.3	1000
<i>Chroomonas amphioxeia</i>	437.5	164981.3	312.5	118031.3	0.2
<i>Chroomonas pleurococca?</i>					
<i>Chroomonas salina</i>	1000	104000	2562.5	80975	625
<i>Chroomonas</i> sp.					
<i>Cryptomonas marsonii</i>					
<i>Cryptomonas ovata</i>					0.2
<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 flos-aquae</i>					
<i>Anabaena</i> sp.					
<i>Anacystis</i> sp.					
<i>Aphanocapsa delicatissima</i>					
<i>Chroococcus</i> sp.					
<i>Dactylococcopsis acicularis</i>					
<i>Dactylococcopsis fascicularis</i>					
<i>Dactylococcopsis</i> sp.					
<i>Lyngbya limnetica</i>					
<i>Marssoniella elegans</i>					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	757	757	757	757	757
DATE	06/15/94	06/15/94	08/30/94	08/30/94	10/26/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density

Merismopedia tenuissima			1750	1750	
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Oscillatoria agardhii

Oscillatoria limnetica

Oscillatoria prolifica

Oscillatoria sp.

Phormidium sp.

Synechococcus sp.

DINOPHYCEAE

Ceratium minutum

Dinophysis fortii

Dinophysis sp.

Exuviella sp.

Glenodinium sp.

Gonyaulax catenella?

Gonyaulax sp.

Gonyaulax tamarensis

Gonyaulax triacantha

Gymnodinium sp.

Gymnodinium splendens

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

Trachelomonas sp.

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	757	757	757	757	757
DATE	06/15/94	06/15/94	08/30/94	08/30/94	10/26/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density
PRASINOPHYCEAE					
<i>Nephroselmis pyriformis</i>					
<i>Pedinomonas</i> sp.					
<i>Pseudoscurfieldia 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:	254297.4	627178.6	263802.9	1115869.4	226935

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	757	757	6	6	6
DATE	10/26/94	10/26/94	02/16/94	02/16/94	04/19/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density

BACILLARIOPHYCEAE

Achnanthes clevei
Achnanthes lanceolata
Achnanthes linearis
Achnanthes microcephala
Achnanthes minutissima
Achnanthes sp.
Actinopterychus senarius
Amphora sp.
Asterionella formosa
Asterionella glacialis
Bacillaria paxillifer
Biddulphia alternans
Biddulphia aurita
Biddulphia mobiliensis
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 curvatulus
Coscinodiscus excentricus
Coscinodiscus granulosus?
Coscinodiscus lineatus
Coscinodiscus marginatus
Coscinodiscus nitidus
Coscinodiscus oculus-iridis
Coscinodiscus radiatus
Cyclotella caspia
Cyclotella glomerata
Cyclotella kutziana
Cyclotella meneghiniana
Cyclotella pseudostelligera
Cyclotella sp.

5

0.2 1331.4

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	757	757	6	6	6
DATE	10/26/94	10/26/94	02/16/94	02/16/94	04/19/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density
<i>Cyclotella stelligera</i>					
<i>Cyclotella striata</i>					
<i>Cylindrotheca (Nitzschia) closterium</i>					
<i>Cymbella sinuata</i>					
<i>Diatoma vulgare</i>					
<i>Diploneis</i> sp.					
<i>Ditylum brightwellii</i>					
<i>Entomoneis paludosa</i>					2
<i>Eucampia zoodiacus</i>					
<i>Fragilaria crotonensis</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 ambigua</i>					
<i>Melosira distans</i>					
<i>Melosira granulata</i>	0.6	2682.2			
<i>Melosira granulata</i> var. <i>angustissima</i>					
<i>Melosira italica</i>					
<i>Melosira lirata</i>					
<i>Melosira moniliformis</i>					
<i>Melosira nummuloides</i>					
<i>Melosira</i> sp.			3.6	1060.3	
<i>Melosira varians</i>					
<i>Navicula arenaria</i>					
<i>Navicula capitata</i>					
<i>Navicula cari</i> var. <i>cincta</i>					
<i>Navicula halophila</i>					
<i>Navicula incerta</i>					
<i>Navicula indifferens</i>					
<i>Navicula mutica</i> var. <i>undulata</i>					
<i>Navicula mutica</i>					
<i>Navicula notha</i>					
<i>Navicula peregrina</i>					
<i>Navicula pupula</i>					
<i>Navicula</i> sp.					
<i>Navicula subminiscula</i>					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	757	757	6	6	6
DATE	10/26/94	10/26/94	02/16/94	02/16/94	04/19/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density
Navicula tripunctata					
Nitzschia acicularis					
Nitzschia accommodata					
Nitzschia agnewii					
Nitzschia clausii					
Nitzschia dissipata					
Nitzschia fonticola					
Nitzschia frustulum					
Nitzschia gracilis					
Nitzschia inconspicua					
Nitzschia kuetzingiana	62.5	83662.5			12.5
Nitzschia linearis					
Nitzschia longissima					
Nitzschia microcephala					
Nitzschia pacifica					
Nitzschia palea					
Nitzschia paleacea					
Nitzschia panduriformis					
Nitzschia reversa					
Nitzschia seriata**					
Nitzschia sp. 1					
Nitzschia sp. 2					
Nitzschia tryblionella var. levidensis					
Nitzschia vitrea					
Odontella (Biddulphia) mobiliensis					
Paralia sulcata					
Pinnularia gibba					
Pleurosigma aestuarii					
Pleurosigma angulatum					
Pleurosigma elongatum					
Pleurosigma normanii					
Pleurosigma obscurum					
Pleurosigma sp. 1					
Pleurosigma sp. 2					
Rhizosolenia alata					
Rhizosolenia delicatula			0.2	589	6
Rhizosolenia fragilissima					
Rhizosolenia setigera					
Rhizosolenia stotterfothii					
Rhizosolenia styliiformis					
Rhoicosphenia curvata					
Rhopalodia gibba					
Schroederella delicatula					
Skeletonema costatum					
Skeletonema sp.					
Stephanodiscus dubius					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	757	757	6	6	6
DATE	10/26/94	10/26/94	02/16/94	02/16/94	04/19/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density
<i>Stephanodiscus hantzschii</i>					
<i>Stephanodiscus</i> sp.					
<i>Stephanopyxis</i> sp.					
<i>Streptotheca tamesis</i>					
<i>Synedra delicatissima</i>					
<i>Synedra radians</i>					
<i>Synedra rumpens</i>					
<i>Synedra</i> sp. 1					
<i>Synedra</i> sp. 2					
<i>Thalassionema nitzschioides</i>					
<i>Thalassiosira decipiens</i>	0.2	2027			
<i>Thalassiosira gravida</i>					
<i>Thalassiosira nordenskioldii</i>					
<i>Thalassiosira rotula</i>					
<i>Thalassiosira subtilis</i>					
<i>Thalassiosira</i> (fluvialis) <i>weissflogii</i>					
<i>Thalassiothrix frauenfeldii</i>					
<i>Thalassiothrix</i> sp.					
<i>Tropidoneis</i> sp.					
CHLOROPHYCEAE					
<i>Actinastrum hantzschii</i>					
<i>Chlamydomonas</i> sp. 1					
<i>Chlamydomonas</i> sp. 2					
<i>Chlorella marina</i>					
<i>Chlorella salina</i>					125
<i>Chlorella</i> sp.					
<i>Chlorococcum</i> sp.					
<i>Chlorogonium</i> sp.					
<i>Choricystis</i> sp.					
<i>Coelastrum sphaericum</i>					
<i>Coelastrum</i> sp.					
<i>Eudorina elegans</i>					
<i>Franceia</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 pusillum</i>					
<i>Monoraphidium</i> sp.					
<i>Nannochloris atomus</i>	12812.5	15750	3187.5	3862.5	625
<i>Pediastrum boryanum</i>					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	757	757	6	6	6
DATE	10/26/94	10/26/94	02/16/94	02/16/94	04/19/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density

Pediastrum duplex

Planctonema sp.

Scenedesmus acuminatus

Scenedesmus ecomis

Scenedesmus intermedius

Scenedesmus opoliensis

Schroederia setigera

Spermatozopsis sp. 62.5 1047.2

CHRYSTOPHYCEAE

Chromulina sp.

Chrysococcus sp.

Chrysochromulina kappa

Dinobryon divergens

Distephanus speculum

Kephyrion sp.

Mallomonas sp.

Monas sp.

Ochromonas sp. 31.3 196.7 62.5 1656.3 125

CRYPTOPHYCEAE

Chroomonas acuta 1000 107800 375 42712.5 375

Chroomonas amphioxeia 0.2 52.8 250

Chroomonas pleurococca?

Chroomonas salina 625 14625 125 13000 625

Chroomonas sp.

Cryptomonas marsonii

Cryptomonas ovata 0.2 222.2

Cryptomonas reflexa

Cryptomonas rostrata

Cryptomonas rostratiformis

Cryptomonas sp.

CYANOPHYCEAE

Anabaena affinis

Anabaena circinalis

Anabaena flos-aquae

Anabaena sp.

Anacystis sp.

Aphanocapsa delicatissima

Chroococcus sp.

Dactylococcopsis acicularis

Dactylococcopsis fascicularis

Dactylococcopsis sp.

Lyngbya limnetica

Marssoniella elegans

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	757	757	6	6	6
DATE	10/26/94	10/26/94	02/16/94	02/16/94	04/19/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density

Merismopedia tenuissima

Oscillatoria agardhii

Oscillatoria limnetica

Oscillatoria prolifica

Oscillatoria sp.

5.2 174.2

Phormidium sp.

Synechococcus sp.

DINOPHYCEAE

Ceratium minutum

Dinophysis fortii

Dinophysis sp.

Exuviella sp.

Glenodinium sp.

Gonyaulax catenella?

Gonyaulax sp.

Gonyaulax tamarensis

Gonyaulax triacantha

Gymnodinium sp.

Gymnodinium splendens

Gyrodinium spirale

Heterocapsa triquetra

1

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

Pycnostis sp.

EUGLENOPHYCEAE

Euglena acus

Euglena sp.

Eutreptia lanowii

Trachelomonas sp.

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	757	757	6	6	6
DATE	10/26/94	10/26/94	02/16/94	02/16/94	04/19/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density
PRASINOPHYCEAE					
<i>Nephroselmis pyriformis</i>					
<i>Pedinomonas</i> sp.					
<i>Pseudoscurfieldia 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:	226935	440405.6	210081.2	270708.2	243288.5

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	6	6	6	6	6
DATE	04/19/94	06/15/94	06/15/94	08/30/94	08/30/94
DENSITY/VOLUME*	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 formosa</i>					
<i>Asterionella glacialis</i>					
<i>Bacillaria paxillifer</i>					
<i>Biddulphia alternans</i>					
<i>Biddulphia aurita</i>					
<i>Biddulphia mobiliensis</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>				1.4	414.7
<i>Cocconeis placentula</i>					
<i>Cocconeis scutellum</i>					
<i>Coscinodiscus concinnus</i>					
<i>Coscinodiscus curvatulus</i>	25802.4	3	176959.2		
<i>Coscinodiscus excentricus</i>					
<i>Coscinodiscus granulatus?</i>					
<i>Coscinodiscus lineatus</i>		1.2	166248.1	1.2	90959.2
<i>Coscinodiscus marginatus</i>					
<i>Coscinodiscus nitidus</i>					
<i>Coscinodiscus oculus-iridis</i>					
<i>Coscinodiscus radiatus</i>		0.6	6183.4	1	5654.7
<i>Cyclotella caspia</i>					
<i>Cyclotella glomerata</i>				187.5	3975
<i>Cyclotella kutzingiana</i>					
<i>Cyclotella meneghiniana</i>		62.5	16837.5		
<i>Cyclotella pseudostelligera</i>					
<i>Cyclotella</i> sp.					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	6	6	6	6	6
DATE	04/19/94	06/15/94	06/15/94	08/30/94	08/30/94
DENSITY/VOLUME*	Volume	Density	Volume	Density	Volume
<i>Cyclotella stelligera</i>					
<i>Cyclotella striata</i>					
<i>Cylindrotheca (Nitzschia) closterium</i>					
<i>Cymbella sinuata</i>					
<i>Diatoma vulgare</i>					
<i>Diploneis</i> sp.					
<i>Ditylum brightwellii</i>					
<i>Entomoneis paludosa</i>	9792	0.2	1938.4		
<i>Eucampia zoodiacus</i>					
<i>Fragilaria crotonensis</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 ambigua</i>					
<i>Melosira distans</i>					
<i>Melosira granulata</i>					
<i>Melosira granulata</i> var. <i>angustissima</i>					
<i>Melosira italica</i>					
<i>Melosira lirata</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> var. <i>cincta</i>					
<i>Navicula halophila</i>					
<i>Navicula incerta</i>					
<i>Navicula indifferens</i>					
<i>Navicula mutica</i> var. <i>undulata</i>					
<i>Navicula mutica</i>					
<i>Navicula notha</i>					
<i>Navicula peregrina</i>					
<i>Navicula pupula</i>					
<i>Navicula</i> sp.					
<i>Navicula subminiscula</i>					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	6	6	6	6	6
DATE	04/19/94	06/15/94	06/15/94	08/30/94	08/30/94
DENSITY/VOLUME*	Volume	Density	Volume	Density	Volume
Navicula tripunctata					
Nitzschia acicularis					
Nitzschia accommodata					
Nitzschia agnewii					
Nitzschia clausii					
Nitzschia dissipata					
Nitzschia fonticola					
Nitzschia frustulum					
Nitzschia gracilis					
Nitzschia inconspicua					
Nitzschia kuetzingiana	705	250	40000		
Nitzschia linearis					
Nitzschia longissima					
Nitzschia microcephala				62.5	2400
Nitzschia pacifica					
Nitzschia palea					
Nitzschia paleacea					
Nitzschia panduriformis					
Nitzschia reversa					
Nitzschia seriata**					
Nitzschia sp. 1					
Nitzschia sp. 2					
Nitzschia tryblionella var. levidensis					
Nitzschia vitrea					
Odontella (Biddulphia) mobiliensis					
Paralia sulcata					
Pinnularia gibba					
Pleurosigma aestuarii					
Pleurosigma angulatum					
Pleurosigma elongatum					
Pleurosigma normanii					
Pleurosigma obscurum					
Pleurosigma sp. 1					
Pleurosigma sp. 2					
Rhizosolenia alata					
Rhizosolenia delicatula	14102.2	1.4	5228.3	0.2	746.9
Rhizosolenia fragilissima					
Rhizosolenia setigera					
Rhizosolenia stotterfothii					
Rhizosolenia styliformis					
Rhoicosphenia curvata					
Rhopalodia gibba					
Schroederella delicatula					
Skeletonema costatum					
Skeletonema sp.					
Stephanodiscus dubius					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	6	6	6	6	6
DATE	04/19/94	06/15/94	06/15/94	08/30/94	08/30/94
DENSITY/VOLUME*	Volume	Density	Volume	Density	Volume
<i>Stephanodiscus hantzschii</i>					
<i>Stephanodiscus</i> sp.					
<i>Stephanopyxis</i> sp.					
<i>Streptotheca tamesis</i>					
<i>Synedra delicatissima</i>					
<i>Synedra radians</i>					
<i>Synedra rumpens</i>					
<i>Synedra</i> sp. 1					
<i>Synedra</i> sp. 2					
<i>Thalassionema nitzschioides</i>					
<i>Thalassiosira decipiens</i>					
<i>Thalassiosira gravida</i>					
<i>Thalassiosira nordenskioldii</i>					
<i>Thalassiosira rotula</i>					
<i>Thalassiosira subtilis</i>					
<i>Thalassiosira</i> (fluviatilis) <i>weissflogii</i>					
<i>Thalassiothrix frauenfeldii</i>					
<i>Thalassiothrix</i> sp.					
<i>Tropidoneis</i> sp.					
CHLOROPHYCEAE					
<i>Actinastrum hantzschii</i>					
<i>Chlamydomonas</i> sp. 1					
<i>Chlamydomonas</i> sp. 2					
<i>Chlorella marina</i>					
<i>Chlorella salina</i>	4187.5				
<i>Chlorella</i> sp.					
<i>Chlorococcum</i> sp.					
<i>Chlorogonium</i> sp.					
<i>Choricystis</i> sp.					
<i>Coelastrum sphaericum</i>					
<i>Coelastrum</i> sp.					
<i>Eudorina elegans</i>					
<i>Franceia</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 pusillum</i>					
<i>Monoraphidium</i> sp.					
<i>Nannochloris atomus</i>	2625				
<i>Pediastrum boryanum</i>					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	6	6	6	6	6
DATE	04/19/94	06/15/94	06/15/94	08/30/94	08/30/94
DENSITY/VOLUME*	Volume	Density	Volume	Density	Volume
<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>Schroederia setigera</i>					
<i>Spermatozopsis</i> sp.					
CHRYSTOPHYCEAE					
<i>Chromulina</i> sp.					
<i>Chrysococcus</i> sp.					
<i>Chrysochromulina kappa</i>					
<i>Dinobryon divergens</i>					
<i>Distephanus speculum</i>					
<i>Kephyrion</i> sp.					
<i>Mallomonas</i> sp.					
<i>Monas</i> sp.					
<i>Ochromonas</i> sp.	510.7				
CRYPTOPHYCEAE					
<i>Chroomonas acuta</i>	42712.5			1375	209962.5
<i>Chroomonas amphioxeia</i>	94275			1250	471375
<i>Chroomonas pleurococca?</i>					
<i>Chroomonas salina</i>	65000	312.5	32500	2562.5	80975
<i>Chroomonas</i> sp.					
<i>Cryptomonas marsonii</i>					
<i>Cryptomonas ovata</i>				3.2	8821.5
<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 flos-aquae</i>					
<i>Anabaena</i> sp.					
<i>Anacystis</i> sp.					
<i>Aphanocapsa delicatissima</i>					
<i>Chroococcus</i> sp.					
<i>Dactylococcopsis acicularis</i>					
<i>Dactylococcopsis fascicularis</i>					
<i>Dactylococcopsis</i> sp.					
<i>Lyngbya limnetica</i>					
<i>Marssoniella elegans</i>					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	6	6	6	6	6
DATE	04/19/94	06/15/94	06/15/94	08/30/94	08/30/94
DENSITY/VOLUME*	Volume	Density	Volume	Density	Volume
<i>Merismopedia tenuissima</i>					
<i>Oscillatoria agardhii</i>					
<i>Oscillatoria limnetica</i>					
<i>Oscillatoria prolifica</i>					
<i>Oscillatoria</i> sp.					
<i>Phormidium</i> sp.					
<i>Synechococcus</i> sp.					
DINOPHYCEAE					
<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>				6.6	7775.5
<i>Gonyaulax triacantha</i>					
<i>Gymnodinium</i> sp.					
<i>Gymnodinium splendens</i>				0.2	37000
<i>Gyrodinium spirale</i>					
<i>Heterocapsa triquetra</i>	1772.6			0.8	1418.1
<i>Katodinium rotundatum</i>					
<i>Noctiluca</i> sp.					
<i>Oxytoxum milneri</i>					
<i>Peridinium</i> sp.					
<i>Prorocentrum aporum</i>					
<i>Prorocentrum gracile</i>					
<i>Prorocentrum micans</i>					
<i>Prorocentrum minimum</i>					
<i>Protoperidinium brevipes</i>					
<i>Protoperidinium claudicans</i>					
<i>Protoperidinium deficiens</i>					
<i>Protoperidinium depressum</i>					
<i>Protoperidinium pellucidum?</i>					
<i>Protoperidinium</i> sp.					
<i>Protoperidinium spinulosum</i>					
<i>Pyrocystis</i> sp.					
EUGLENOPHYCEAE					
<i>Euglena acus</i>					
<i>Euglena</i> sp.					
<i>Eutreptia lanowii</i>		2.8	1661.2	0.6	356
<i>Trachelomonas</i> sp.					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	6	6	6	6	6
DATE	04/19/94	06/15/94	06/15/94	08/30/94	08/30/94
DENSITY/VOLUME*	Volume	Density	Volume	Density	Volume
PRASINOPHYCEAE					
Nephroselmis pyriformis					
Pedinomonas sp.					
Pseudoscurfieldia 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)		2	28273.6		
TOTAL:	502621.9	242172.2	717365.7	247520.7	1163902.1

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	6	6	13	13	13
DATE	10/26/94	10/26/94	02/16/94	02/16/94	04/19/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density

BACILLARIOPHYCEAE

Achnanthes clevei

Achnanthes lanceolata

Achnanthes linearis

Achnanthes microcephala

Achnanthes minutissima

Achnanthes sp.

Actinoptychus senarius

Amphora sp.

Asterionella formosa

Asterionella glacialis

Bacillaria paxillifer

Biddulphia alternans

Biddulphia aurita

Biddulphia mobiliensis

Biddulphia longicruris var. *hyalina*

Biddulphia pulchella

Caloneis amphisbaena

Cerataulina pelagica

Chaetoceros compressus

Chaetoceros costatus

Chaetoceros debile

Chaetoceros decipiens

Chaetoceros didymus

Chaetoceros gracilis

15.6

528.8

Chaetoceros socialis

Chaetoceros vistulae

Chaetoceros wighami

Cocconeis placentula

Cocconeis scutellum

Coscinodiscus concinnus

Coscinodiscus curvatulus

2.8

Coscinodiscus excentricus

Coscinodiscus granulosus?

Coscinodiscus lineatus

0.4

23291.3

Coscinodiscus marginatus

Coscinodiscus nitidus

Coscinodiscus oculus-iridis

Coscinodiscus radiatus

2

Cyclotella caspia

Cyclotella glomerata

Cyclotella kutzingiana

Cyclotella meneghiniana

Cyclotella pseudostelligera

Cyclotella sp.

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	6	6	13	13	13
DATE	10/26/94	10/26/94	02/16/94	02/16/94	04/19/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density
<i>Cyclotella stelligera</i>					
<i>Cyclotella striata</i>					
<i>Cylindrotheca (Nitzschia) closterium</i>					
<i>Cymbella sinuata</i>					
<i>Diatoma vulgare</i>					
<i>Diploneis</i> sp.					
<i>Ditylum brightwellii</i>					
<i>Entomoneis paludosa</i>					
<i>Eucampia zoodiacus</i>					
<i>Fragilaria crotonensis</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 ambigua</i>					
<i>Melosira distans</i>					
<i>Melosira granulata</i>					
<i>Melosira granulata</i> var. <i>angustissima</i>					
<i>Melosira italica</i>					
<i>Melosira lirata</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> var. <i>cincta</i>					
<i>Navicula halophila</i>					
<i>Navicula incerta</i>					
<i>Navicula indifferens</i>					
<i>Navicula mutica</i> var. <i>undulata</i>					
<i>Navicula mutica</i>					
<i>Navicula notha</i>					
<i>Navicula peregrina</i>					
<i>Navicula pupula</i>					
<i>Navicula</i> sp.					
<i>Navicula subminiscula</i>					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	6	6	13	13	13
DATE	10/26/94	10/26/94	02/16/94	02/16/94	04/19/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density
<i>Navicula tripunctata</i>					
<i>Nitzschia acicularis</i>					
<i>Nitzschia accommodata</i>					
<i>Nitzschia agnewii</i>					
<i>Nitzschia clausii</i>					
<i>Nitzschia dissipata</i>					
<i>Nitzschia fonticola</i>					
<i>Nitzschia frustulum</i>					
<i>Nitzschia gracilis</i>					
<i>Nitzschia inconspicua</i>					
<i>Nitzschia kuetzingiana</i>	187.8	14310.4			
<i>Nitzschia linearis</i>					
<i>Nitzschia longissima</i>					1.2
<i>Nitzschia microcephala</i>					
<i>Nitzschia pacifica</i>					
<i>Nitzschia palea</i>					
<i>Nitzschia paleacea</i>					
<i>Nitzschia panduriformis</i>					
<i>Nitzschia reversa</i>					
<i>Nitzschia seriata**</i>					
<i>Nitzschia</i> sp. 1					
<i>Nitzschia</i> sp. 2					
<i>Nitzschia tryblionella</i> var. <i>levidensis</i>					
<i>Nitzschia vitrea</i>					
<i>Odontella</i> (<i>Biddulphia</i>) <i>mobiliensis</i>					
<i>Paralia sulcata</i>	0.4	473.6	1.2	857.4	
<i>Pinnularia gibba</i>					
<i>Pleurosigma aestuarii</i>					
<i>Pleurosigma angulatum</i>					
<i>Pleurosigma elongatum</i>					
<i>Pleurosigma normanii</i>					
<i>Pleurosigma obscurum</i>					
<i>Pleurosigma</i> sp. 1					
<i>Pleurosigma</i> sp. 2					
<i>Rhizosolenia alata</i>					
<i>Rhizosolenia delicatula</i>			0.4	880	0.4
<i>Rhizosolenia fragilissima</i>					
<i>Rhizosolenia setigera</i>					
<i>Rhizosolenia stollerfothii</i>					
<i>Rhizosolenia styliformis</i>					
<i>Rhoicosphenia curvata</i>					
<i>Rhopalodia gibba</i>					
<i>Schroederella delicatula</i>					
<i>Skeletonema costatum</i>					
<i>Skeletonema</i> sp.					
<i>Stephanodiscus dubius</i>					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	6	6	13	13	13
DATE	10/26/94	10/26/94	02/16/94	02/16/94	04/19/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density
<i>Stephanodiscus hantzschii</i>					
<i>Stephanodiscus</i> sp.					
<i>Stephanopyxis</i> sp.					
<i>Streptotheca tamesis</i>					
<i>Synedra delicatissima</i>					
<i>Synedra radians</i>					
<i>Synedra rumpens</i>					
<i>Synedra</i> sp. 1					
<i>Synedra</i> sp. 2					
<i>Thalassionema nitzschioides</i>					
<i>Thalassiosira decipiens</i>	0.4	3359.3			
<i>Thalassiosira gravida</i>					
<i>Thalassiosira nordenskioldii</i>					
<i>Thalassiosira rotula</i>					
<i>Thalassiosira subtilis</i>					
<i>Thalassiosira</i> (fluvialis) <i>weissflogii</i>					
<i>Thalassiothrix frauenfeldii</i>					
<i>Thalassiothrix</i> sp.					
<i>Tropidoneis</i> sp.					
CHLOROPHYCEAE					
<i>Actinastrum hantzschii</i>					
<i>Chlamydomonas</i> sp. 1					
<i>Chlamydomonas</i> sp. 2					
<i>Chlorella marina</i>					
<i>Chlorella salina</i>					375
<i>Chlorella</i> sp.					
<i>Chlorococcum</i> sp.					
<i>Chlorogonium</i> sp.					
<i>Choricystis</i> sp.					
<i>Coelastrum sphaericum</i>					
<i>Coelastrum</i> sp.					
<i>Eudorina elegans</i>					
<i>Franceia</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 pusillum</i>					
<i>Monoraphidium</i> sp.					
<i>Nannochloris atomus</i>			2625	3150	1250
<i>Pediastrum boryanum</i>					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	6	6	13	13	13
DATE	10/26/94	10/26/94	02/16/94	02/16/94	04/19/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density
<i>Pediastrum duplex</i>					
<i>Planctonema</i> sp.					
<i>Scenedesmus acuminatus</i>					
<i>Scenedesmus eornis</i>					
<i>Scenedesmus intermedius</i>					
<i>Scenedesmus opoliensis</i>					
<i>Schroederia setigera</i>					
<i>Spermatozopsis</i> sp.					
CHRYSTOPHYCEAE					
<i>Chromulina</i> sp.			62.5	75	
<i>Chrysococcus</i> sp.					
<i>Chrysochromulina kappa</i>					
<i>Dinobryon divergens</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>	281.7	30367.3	62.5	7118.8	625
<i>Chroomonas amphioxeia</i>	0.6	158.4	0.8	301.7	437.5
<i>Chroomonas pleurococca?</i>					
<i>Chroomonas salina</i>	344.3	8056.6	562.5	58500	
<i>Chroomonas</i> sp.					
<i>Cryptomonas marsonii</i>					
<i>Cryptomonas ovata</i>					
<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 flos-aquae</i>					
<i>Anabaena</i> sp.					
<i>Anacystis</i> sp.					
<i>Aphanocapsa delicatissima</i>					
<i>Chroococcus</i> sp.					
<i>Dactylococcopsis acicularis</i>					
<i>Dactylococcopsis fascicularis</i>					
<i>Dactylococcopsis</i> sp.					
<i>Lyngbya limnetica</i>					
<i>Marssonella elegans</i>					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	6	6	13	13	13
DATE	10/26/94	10/26/94	02/16/94	02/16/94	04/19/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density
<i>Merismopedia tenuissima</i>					
<i>Oscillatoria agardhii</i>					
<i>Oscillatoria limnetica</i>					
<i>Oscillatoria prolifica</i>					
<i>Oscillatoria</i> sp.					
<i>Phormidium</i> sp.					
<i>Synechococcus</i> sp.					
DINOPHYCEAE					
<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>			0.2	1165	
<i>Gonyaulax triacantha</i>					
<i>Gymnodinium</i> sp.					
<i>Gymnodinium splendens</i>					
<i>Gyrodinium spirale</i>					
<i>Heterocapsa triquetra</i>					
<i>Katodinium rotundatum</i>					18
<i>Noctiluca</i> sp.					
<i>Oxytoxum milneri</i>					
<i>Peridinium</i> sp.					
<i>Prorocentrum aporum</i>					
<i>Prorocentrum gracile</i>					
<i>Prorocentrum micans</i>					
<i>Prorocentrum minimum</i>					
<i>Protoperidinium brevipes</i>					
<i>Protoperidinium claudicans</i>					
<i>Protoperidinium deficiens</i>					
<i>Protoperidinium depressum</i>					
<i>Protoperidinium pellucidum?</i>					
<i>Protoperidinium</i> sp.					
<i>Protoperidinium spinulosum</i>					
<i>Pyrocystis</i> sp.					
EUGLENOPHYCEAE					
<i>Euglena acus</i>					
<i>Euglena</i> sp.					
<i>Eutreptia lanowii</i>			0.2	100.5	0.4
<i>Trachelomonas</i> sp.					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	6	6	13	13	13
DATE	10/26/94	10/26/94	02/16/94	02/16/94	04/19/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density
PRASINOPHYCEAE					
<i>Nephroselmis pyriformis</i>					
<i>Pedinomonas</i> sp.					
<i>Pseudoscourfieldia marina</i>					
<i>Pyramimonas grossii</i>			0.2	376.1	
<i>Pyramimonas micron</i>			62.5	7893	
<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)			0.6	8482.1	3.2
TOTAL:	208649.6	287850.9	209758.2	295792.4	243894.5

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	13	13	13	13	13
DATE	04/19/94	06/15/94	06/15/94	08/30/94	08/30/94
DENSITY/VOLUME*	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>Actinopterychus senarius</i>					
<i>Amphora</i> sp.					
<i>Asterionella formosa</i>					
<i>Asterionella glacialis</i>					
<i>Bacillaria paxillifer</i>					
<i>Biddulphia alternans</i>					
<i>Biddulphia aurita</i>					
<i>Biddulphia mobiliensis</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>	440249.7	0.2	8293.6	0.2	4906.3
<i>Coscinodiscus excentricus</i>		1.8	277939.8		
<i>Coscinodiscus granulatus?</i>					
<i>Coscinodiscus lineatus</i>				0.6	44766.4
<i>Coscinodiscus marginatus</i>					
<i>Coscinodiscus nitidus</i>					
<i>Coscinodiscus oculus-iridis</i>					
<i>Coscinodiscus radiatus</i>	177176.2	0.4	1180.3		
<i>Cyclotella caspia</i>					
<i>Cyclotella glomerata</i>					
<i>Cyclotella kutzingiana</i>					
<i>Cyclotella meneghiniana</i>		62.5	13218.8	187.5	3975
<i>Cyclotella pseudostelligera</i>					
<i>Cyclotella</i> sp.		187.5	3975		

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	13	13	13	13	13
DATE	04/19/94	06/15/94	06/15/94	08/30/94	08/30/94
DENSITY/VOLUME*	Volume	Density	Volume	Density	Volume
<i>Cyclotella stelligera</i>					
<i>Cyclotella striata</i>					
<i>Cylindrotheca (Nitzschia) closterium</i>					
<i>Cymbella sinuata</i>					
<i>Diatoma vulgare</i>					
<i>Diploneis</i> sp.					
<i>Dotyulum brightwellii</i>					
<i>Entomoneis paludosa</i>					
<i>Eucampia zoodiacus</i>					
<i>Fragilaria crotonensis</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>		0.4	5171.3		
<i>Gyrosigma macrum?</i>					
<i>Gyrosigma spencerii</i>					
<i>Isthmia nervosa</i>					
<i>Lauderia borealis</i>					
<i>Leptocylindrus danicus</i>					
<i>Leptocylindrus minimus</i>				5.6	826.6
<i>Lithodesmium undulatum</i>					
<i>Melosira ambigua</i>					
<i>Melosira distans</i>					
<i>Melosira granulata</i>					
<i>Melosira granulata</i> var. <i>angustissima</i>					
<i>Melosira italica</i>					
<i>Melosira lirata</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> var. <i>cincta</i>					
<i>Navicula halophila</i>					
<i>Navicula incerta</i>					
<i>Navicula indifferens</i>					
<i>Navicula mutica</i> var. <i>undulata</i>					
<i>Navicula mutica</i>					
<i>Navicula notha</i>					
<i>Navicula peregrina</i>					
<i>Navicula pupula</i>					
<i>Navicula</i> sp.					
<i>Navicula subminiscula</i>					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	13	13	13	13	13
DATE	04/19/94	06/15/94	06/15/94	08/30/94	08/30/94
DENSITY/VOLUME*	Volume	Density	Volume	Density	Volume
<i>Navicula tripunctata</i>					
<i>Nitzschia acicularis</i>					
<i>Nitzschia accommodata</i>					
<i>Nitzschia agnewii</i>					
<i>Nitzschia clausii</i>					
<i>Nitzschia dissipata</i>					
<i>Nitzschia fonticola</i>					
<i>Nitzschia frustulum</i>					
<i>Nitzschia gracilis</i>					
<i>Nitzschia inconspicua</i>					
<i>Nitzschia kuetzingiana</i>		62.5	5956.3		
<i>Nitzschia linearis</i>					
<i>Nitzschia longissima</i>	1212			0.6	546.8
<i>Nitzschia microcephala</i>					
<i>Nitzschia pacifica</i>					
<i>Nitzschia palea</i>					
<i>Nitzschia paleacea</i>					
<i>Nitzschia panduriformis</i>					
<i>Nitzschia reversa</i>					
<i>Nitzschia seriat**</i>				1.6	1745.1
<i>Nitzschia</i> sp. 1					
<i>Nitzschia</i> sp. 2					
<i>Nitzschia tryblionella</i> var. <i>levidensis</i>					
<i>Nitzschia vitrea</i>					
<i>Odontella</i> (<i>Biddulphia</i>) <i>mobiliensis</i>					
<i>Paralia sulcata</i>					
<i>Pinnularia gibba</i>					
<i>Pleurosigma aestuarii</i>					
<i>Pleurosigma angulatum</i>					
<i>Pleurosigma elongatum</i>					
<i>Pleurosigma normanii</i>					
<i>Pleurosigma obscurum</i>					
<i>Pleurosigma</i> sp. 1					
<i>Pleurosigma</i> sp. 2					
<i>Rhizosolenia alata</i>					
<i>Rhizosolenia delicatula</i>	940.2	1.6	5975.2		
<i>Rhizosolenia fragilissima</i>					
<i>Rhizosolenia setigera</i>					
<i>Rhizosolenia stotterfothii</i>					
<i>Rhizosolenia styliformis</i>					
<i>Rhoicosphenia curvata</i>					
<i>Rhopalodia gibba</i>					
<i>Schroederella delicatula</i>					
<i>Skeletonema costatum</i>					
<i>Skeletonema</i> sp.					
<i>Stephanodiscus dubius</i>					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	13	13	13	13	13
DATE	04/19/94	06/15/94	06/15/94	08/30/94	08/30/94
DENSITY/VOLUME*	Volume	Density	Volume	Density	Volume
<i>Stephanodiscus hantzschii</i>					
<i>Stephanodiscus</i> sp.					
<i>Stephanopyxis</i> sp.					
<i>Streptotheca tamesis</i>					
<i>Synedra delicatissima</i>					
<i>Synedra radians</i>					
<i>Synedra rumpens</i>					
<i>Synedra</i> sp. 1					
<i>Synedra</i> sp. 2					
<i>Thalassionema nitzschioides</i>					
<i>Thalassiosira decipiens</i>					
<i>Thalassiosira gravida</i>					
<i>Thalassiosira nordenskioldii</i>					
<i>Thalassiosira rotula</i>					
<i>Thalassiosira subtilis</i>					
<i>Thalassiosira</i> (fluviatilis) <i>weissflogii</i>					
<i>Thalassiothrix frauenfeldii</i>					
<i>Thalassiothrix</i> sp.					
<i>Tropidoneis</i> sp.					
CHLOROPHYCEAE					
<i>Actinastrum hantzschii</i>					
<i>Chlamydomonas</i> sp. 1					
<i>Chlamydomonas</i> sp. 2					
<i>Chlorella marina</i>					
<i>Chlorella salina</i>	5301.3	125	4187.5		
<i>Chlorella</i> sp.					
<i>Chlorococcum</i> sp.					
<i>Chlorogonium</i> sp.					
<i>Choricystis</i> sp.					
<i>Coelastrum sphaericum</i>					
<i>Coelastrum</i> sp.					
<i>Eudorina elegans</i>					
<i>Franceia</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 pusillum</i>					
<i>Monoraphidium</i> sp.					
<i>Nannochloris atomus</i>	5250			250	450
<i>Pediastrum boryanum</i>					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	13	13	13	13	13
DATE	04/19/94	06/15/94	06/15/94	08/30/94	08/30/94
DENSITY/VOLUME*	Volume	Density	Volume	Density	Volume

Pediastrum duplex

Panctonema sp.

Scenedesmus acuminatus

Scenedesmus ecomis

Scenedesmus intermedius

Scenedesmus opoliensis

Schroederia setigera

Spermatozopsis sp.

CHRYSTOPHYCEAE

Chromulina sp.

Chrysococcus sp.

Chrysochromulina kappa

Dinobryon divergens

Distephanus speculum

Kephyrion sp.

Mallomonas sp.

Monas sp.

Ochromonas sp.

CRYPTOPHYCEAE

<i>Chroomonas acuta</i>	71787.5			562.5	64125
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<i>Chroomonas amphioxeia</i>	164981.3	312.5	117843.8	2062.5	777768.8
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Chroomonas pleurococca?

<i>Chroomonas salina</i>		937.5	97500	3437.5	330000
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Chroomonas sp.

Cryptomonas marsonii

Cryptomonas ovata

Cryptomonas reflexa

Cryptomonas rostrata

Cryptomonas rostratiformis

Cryptomonas sp.

CYANOPHYCEAE

Anabaena affinis

Anabaena circinalis

Anabaena flos-aquae

Anabaena sp.

Anacystis sp.

Aphanocapsa delicatissima

Chroococcus sp.

Dactylococcopsis acicularis

Dactylococcopsis fascicularis

Dactylococcopsis sp.

Lyngbya limnetica

Marssoniella elegans

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	13	13	13	13	13
DATE	04/19/94	06/15/94	06/15/94	08/30/94	08/30/94
DENSITY/VOLUME*	Volume	Density	Volume	Density	Volume
<i>Merismopedia tenuissima</i>					
<i>Oscillatoria agardhii</i>					
<i>Oscillatoria limnetica</i>					
<i>Oscillatoria prolifica</i>					
<i>Oscillatoria</i> sp.					
<i>Phormidium</i> sp.					
<i>Synechococcus</i> sp.					
DINOPHYCEAE					
<i>Ceratium minutum</i>					
<i>Dinophysis fortii</i>					
<i>Dinophysis</i> sp.				0.2	1675.5
<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>				0.4	74000
<i>Gyrodinium spirale</i>				0.4	49384
<i>Heterocapsa triquetra</i>				2	3545.2
<i>Katodinium rotundatum</i>	1980	62.5	6362.5	0.4	40.7
<i>Noctiluca</i> sp.				0.4	10344.3
<i>Oxytoxum milneri</i>					
<i>Peridinium</i> sp.					
<i>Prorocentrum aporum</i>					
<i>Prorocentrum gracile</i>					
<i>Prorocentrum micans</i>					
<i>Prorocentrum minimum</i>					
<i>Protoperidinium brevipes</i>					
<i>Protoperidinium claudicans</i>					
<i>Protoperidinium deficiens</i>					
<i>Protoperidinium depressum</i>					
<i>Protoperidinium pellucidum?</i>					
<i>Protoperidinium</i> sp.					
<i>Protoperidinium spinulosum</i>					
<i>Pyrocystis</i> sp.					
EUGLENOPHYCEAE					
<i>Euglena acus</i>					
<i>Euglena</i> sp.					
<i>Eutreptia lanowii</i>	237.3			1.2	712
<i>Trachelomonas</i> sp.					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	13	13	13	13	13
DATE	04/19/94	06/15/94	06/15/94	08/30/94	08/30/94
DENSITY/VOLUME*	Volume	Density	Volume	Density	Volume
PRASINOPHYCEAE					
<i>Nephroselmis pyriformis</i>					
<i>Pedinomonas</i> sp.					
<i>Pseudoscourfieldia marina</i>					
<i>Pyramimonas grossii</i>					
<i>Pyramimonas micron</i>		125	4212.5	125	3587.5
<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)	25349.1				
TOTAL:	1135643.6	243457.4	793394.6	248748.6	1614509.2

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	13	13	16	16	18
DATE	10/26/94	10/26/94	02/16/94	02/16/94	04/19/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density

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 formosa</i>					
<i>Asterionella glacialis</i>					2.4
<i>Bacillaria paxillifer</i>					
<i>Biddulphia alternans</i>					
<i>Biddulphia aurita</i>					
<i>Biddulphia mobiliensis</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>					7.2
<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>					4.8
<i>Coscinodiscus excentricus</i>					3.6
<i>Coscinodiscus granulatus</i> ?					
<i>Coscinodiscus lineatus</i>	0.8	35184.8			
<i>Coscinodiscus marginatus</i>					
<i>Coscinodiscus nitidus</i>					
<i>Coscinodiscus oculus-iridis</i>					
<i>Coscinodiscus radiatus</i>			0.4	11580.8	4.4
<i>Cyclotella caspia</i>					
<i>Cyclotella glomerata</i>					
<i>Cyclotella kutzingiana</i>					
<i>Cyclotella meneghiniana</i>					
<i>Cyclotella pseudostelligera</i>					
<i>Cyclotella</i> sp.					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	13	13	16	16	18
DATE	10/26/94	10/26/94	02/16/94	02/16/94	04/19/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density
<i>Cyclotella stelligera</i>					
<i>Cyclotella striata</i>					
<i>Cylindrotheca (Nitzschia) closterium</i>	62.5	1750			8.4
<i>Cymbella sinuata</i>					
<i>Diatoma vulgare</i>					
<i>Diploneis</i> sp.					
<i>Ditytum brightwellii</i>					
<i>Entomoneis paludosa</i>					
<i>Eucampia zoodiacus</i>					0.8
<i>Fragilaria crotonensis</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>					2
<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 ambigua</i>					
<i>Melosira distans</i>					
<i>Melosira granulata</i>					
<i>Melosira granulata</i> var. <i>angustissima</i>					
<i>Melosira italica</i>					
<i>Melosira lirata</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> var. <i>cincta</i>					
<i>Navicula halophila</i>					
<i>Navicula incerta</i>					
<i>Navicula indifferens</i>					
<i>Navicula mutica</i> var. <i>undulata</i>					
<i>Navicula mutica</i>					
<i>Navicula notha</i>					
<i>Navicula peregrina</i>					
<i>Navicula pupula</i>					
<i>Navicula</i> sp.					
<i>Navicula subminiscula</i>					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	13	13	16	16	18
DATE	10/26/94	10/26/94	02/16/94	02/16/94	04/19/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density
<i>Navicula tripunctata</i>					
<i>Nitzschia acicularis</i>					
<i>Nitzschia accommodata</i>					
<i>Nitzschia agnewii</i>					
<i>Nitzschia clausii</i>					
<i>Nitzschia dissipata</i>					
<i>Nitzschia fonticola</i>					
<i>Nitzschia frustulum</i>					
<i>Nitzschia gracilis</i>					
<i>Nitzschia inconspicua</i>					
<i>Nitzschia kuetzingiana</i>					
<i>Nitzschia linearis</i>					
<i>Nitzschia longissima</i>					1.6
<i>Nitzschia microcephala</i>					
<i>Nitzschia pacifica</i>					
<i>Nitzschia palea</i>					
<i>Nitzschia paleacea</i>					
<i>Nitzschia panduriformis</i>					
<i>Nitzschia reversa</i>					
<i>Nitzschia seriata**</i>					
<i>Nitzschia</i> sp. 1					
<i>Nitzschia</i> sp. 2					
<i>Nitzschia tryblionella</i> var. <i>levidensis</i>					
<i>Nitzschia vitrea</i>					
<i>Odontella</i> (<i>Biddulphia</i>) <i>mobiliensis</i>					
<i>Paralia sulcata</i>			0.8	571.6	
<i>Pinnularia gibba</i>					
<i>Pleurosigma aestuarii</i>					
<i>Pleurosigma angulatum</i>					0.4
<i>Pleurosigma elongatum</i>					0.4
<i>Pleurosigma normanii</i>					
<i>Pleurosigma obscurum</i>					
<i>Pleurosigma</i> sp. 1					
<i>Pleurosigma</i> sp. 2					
<i>Rhizosolenia alata</i>					
<i>Rhizosolenia delicatula</i>					
<i>Rhizosolenia fragilissima</i>					0.4
<i>Rhizosolenia setigera</i>					
<i>Rhizosolenia stouterfothii</i>					
<i>Rhizosolenia styliformis</i>					0.4
<i>Rhoicosphenia curvata</i>					
<i>Rhopalodia gibba</i>					
<i>Schroederella delicatula</i>					
<i>Skeletonema costatum</i>					12
<i>Skeletonema</i> sp.					
<i>Stephanodiscus dubius</i>					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	13	13	16	16	18
DATE	10/26/94	10/26/94	02/16/94	02/16/94	04/19/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density
<i>Stephanodiscus hantzschii</i>					
<i>Stephanodiscus</i> sp.					
<i>Stephanopyxis</i> sp.					
<i>Streptotheca tamesis</i>					
<i>Synedra delicatissima</i>					
<i>Synedra radians</i>					
<i>Synedra rumpens</i>					
<i>Synedra</i> sp. 1					
<i>Synedra</i> sp. 2					
<i>Thalassionema nitzschioides</i>					
<i>Thalassiosira decipiens</i>					
<i>Thalassiosira gravida</i>					
<i>Thalassiosira nordenskioldii</i>					
<i>Thalassiosira rotula</i>					
<i>Thalassiosira subtilis</i>					1.6
<i>Thalassiosira (fluviatilis) weissflogii</i>					
<i>Thalassiothrix frauenfeldii</i>					2
<i>Thalassiothrix</i> sp.					
<i>Tropidoneis</i> sp.					
CHLOROPHYCEAE					
<i>Actinastrum hantzschii</i>					
<i>Chlamydomonas</i> sp. 1					
<i>Chlamydomonas</i> sp. 2					
<i>Chlorella marina</i>					
<i>Chlorella salina</i>					
<i>Chlorella</i> sp.					
<i>Chlorococcum</i> sp.					
<i>Chlorogonium</i> sp.					
<i>Choricystis</i> sp.					
<i>Coelastrum sphaericum</i>					
<i>Coelastrum</i> sp.					
<i>Eudorina elegans</i>					
<i>Franceia</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>			0.2	906	
<i>Monoraphidium convolutum</i>					
<i>Monoraphidium griffithii</i>					
<i>Monoraphidium pusillum</i>					
<i>Monoraphidium</i> sp.					
<i>Nannochloris atomus</i>	312.5	1125			2375
<i>Pediastrum boryanum</i>					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	13	13	16	16	18
DATE	10/26/94	10/26/94	02/16/94	02/16/94	04/19/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density

Pediastrum duplex

Planctonema sp.

Scenedesmus acuminatus

Scenedesmus ecomis

Scenedesmus intermedius

Scenedesmus opoliensis

Schroederia setigera

Spermatozopsis sp.

CHRYSOPHYCEAE

Chromulina sp. 62.5 356.3

Chrysococcus sp.

Chrysochromulina kappa

Dinobryon divergens

Distephanus speculum 0.8 3664.4

Kephyrion sp.

Mallomonas sp.

Monas sp.

Ochromonas sp.

CRYPTOPHYCEAE

Chroomonas acuta 562.5 60637.5 312.5 35593.8 187.5

Chroomonas amphioxeia 12 3168 1062.5

Chroomonas pleurococca?

Chroomonas salina 3812.5 89212.5 437.5 4500 4062.5

Chroomonas sp.

Cryptomonas marsonii

Cryptomonas ovata

Cryptomonas reflexa

Cryptomonas rostrata

Cryptomonas rostratiformis

Cryptomonas sp.

CYANOPHYCEAE

Anabaena affinis

Anabaena circinalis

Anabaena flos-aquae

Anabaena sp.

Anacystis sp.

Aphanocapsa delicatissima

Chroococcus sp.

Dactylococcopsis acicularis

Dactylococcopsis fascicularis

Dactylococcopsis sp.

Lyngbya limnetica

Marssonella elegans

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	13	13	16	16	18
DATE	10/26/94	10/26/94	02/16/94	02/16/94	04/19/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density
<i>Merismopedia tenuissima</i>					
<i>Oscillatoria agardhii</i>					
<i>Oscillatoria limnetica</i>					
<i>Oscillatoria prolifica</i>					
<i>Oscillatoria</i> sp.					
<i>Phormidium</i> sp.					
<i>Synechococcus</i> sp.					
DINOPHYCEAE					
<i>Ceratium minutum</i>	0.4	17191.1			
<i>Dinophysis fortii</i>					
<i>Dinophysis</i> sp.					
<i>Exuviella</i> sp.					
<i>Glenodinium</i> sp.					
<i>Gonyaulax catenella</i> ?					1.2
<i>Gonyaulax</i> sp.					
<i>Gonyaulax tamarensis</i>	13.2	128531.8	0.2	906	7.2
<i>Gonyaulax triacantha</i>					
<i>Gymnodinium</i> sp.					
<i>Gymnodinium splendens</i>	2	153143			0.8
<i>Gyrodinium spirale</i>	0.8	4423.5			
<i>Heterocapsa triquetra</i>	1.6	2176.2			1.2
<i>Katodinium rotundatum</i>	2.8	238.8			187.5
<i>Noctiluca</i> sp.					0.4
<i>Oxytoxum milneri</i>	0.8	2609.1			0.4
<i>Peridinium</i> sp.					
<i>Prorocentrum aporum</i>					
<i>Prorocentrum gracile</i>					
<i>Prorocentrum micans</i>					
<i>Prorocentrum minimum</i>					
<i>Protoperidinium brevipes</i>					2.4
<i>Protoperidinium claudicans</i>	0.8	4363.2			
<i>Protoperidinium deficiens</i>					
<i>Protoperidinium depressum</i>					
<i>Protoperidinium pellucidum</i> ?					
<i>Protoperidinium</i> sp.					
<i>Protoperidinium spinulosum</i>					
<i>Pyrocystis</i> sp.					
EUGLENOPHYCEAE					
<i>Euglena acus</i>					
<i>Euglena</i> sp.					
<i>Eutreptia lanowii</i>					1.2
<i>Trachelomonas</i> sp.					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	13	13	16	16	18
DATE	10/26/94	10/26/94	02/16/94	02/16/94	04/19/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density
PRASINOPHYCEAE					
<i>Nephroselmis pyriformis</i>					
<i>Pedinomonas</i> sp.					
<i>Pseudoscurfieldia marina</i>					
<i>Pyramimonas grossii</i>	20.4	33372.4			6.4
<i>Pyramimonas micron</i>	62.5	1781.3			500
<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	5.6	61914.2			6
TOTAL:	212813	812719.1	207133.6	260440.2	249663.6

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	18	18	18	18	18
DATE	04/19/94	06/15/94	06/15/94	08/30/94	08/30/94
DENSITY/VOLUME*	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>Actinopterygus senarius</i>					
<i>Amphora</i> sp.					
<i>Asterionella formosa</i>					
<i>Asterionella glacialis</i>	4130.9				
<i>Bacillaria paxillifer</i>					
<i>Biddulphia alternans</i>					
<i>Biddulphia aurita</i>					
<i>Biddulphia mobiliensis</i>					
<i>Biddulphia longicruris</i> var. <i>hyalina</i>					
<i>Biddulphia pulchella</i>				0.4	4201.2
<i>Caloneis amphisbaena</i>					
<i>Cerataulina pelagica</i>					
<i>Chaetoceros compressus</i>					
<i>Chaetoceros costatus</i>					
<i>Chaetoceros debile</i>	7513.9				
<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>	1558544.5	1.2	6361.6	1.2	21205.2
<i>Coscinodiscus excentricus</i>	8062.4	0.4	2827.4		
<i>Coscinodiscus granulatus</i> ?					
<i>Coscinodiscus lineatus</i>		3.2	780950.4	0.4	23561.2
<i>Coscinodiscus marginatus</i>					
<i>Coscinodiscus nitidus</i>					
<i>Coscinodiscus oculus-iridis</i>					
<i>Coscinodiscus radiatus</i>	32704.3	3.2	11309.4		
<i>Cyclotella caspia</i>					
<i>Cyclotella glomerata</i>					
<i>Cyclotella kutzingiana</i>					
<i>Cyclotella meneghiniana</i>				1500	21203.1
<i>Cyclotella pseudostelligera</i>					
<i>Cyclotella</i> sp.					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	18	18	18	18	18
DATE	04/19/94	06/15/94	06/15/94	08/30/94	08/30/94
DENSITY/VOLUME*	Volume	Density	Volume	Density	Volume
<i>Cyclotella stelligera</i>					
<i>Cyclotella striata</i>					
<i>Cylindrotheca (Nitzschia) closterium</i>	2016	125	9112.5	125	3000
<i>Cymbella sinuata</i>					
<i>Distoma vulgare</i>					
<i>Diploneis</i> sp.					
<i>Ditylum brightwellii</i>					
<i>Entomoneis paludosa</i>					
<i>Eucampia zoodiacus</i>	20156.8				
<i>Fragilaria crotonensis</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>	11869.2				
<i>Gyrosigma macrum?</i>					
<i>Gyrosigma spencerii</i>					
<i>Isthmia nervosa</i>					
<i>Lauderia borealis</i>					
<i>Leptocylindrus danicus</i>					
<i>Leptocylindrus minimus</i>				250	20375
<i>Lithodesmium undulatum</i>					
<i>Melosira ambigua</i>					
<i>Melosira distans</i>					
<i>Melosira granulata</i>					
<i>Melosira granulata</i> var. <i>angustissima</i>					
<i>Melosira italica</i>					
<i>Melosira lirata</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> var. <i>cincta</i>					
<i>Navicula halophila</i>					
<i>Navicula incerta</i>					
<i>Navicula indifferens</i>					
<i>Navicula mutica</i> var. <i>undulata</i>					
<i>Navicula mutica</i>					
<i>Navicula notha</i>					
<i>Navicula peregrina</i>					
<i>Navicula pupula</i>					
<i>Navicula</i> sp.					
<i>Navicula subminiscula</i>					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	18	18	18	18	18
DATE	04/19/94	06/15/94	06/15/94	08/30/94	08/30/94
DENSITY/VOLUME*	Volume	Density	Volume	Density	Volume
<i>Navicula tripunctata</i>					
<i>Nitzschia acicularis</i>					
<i>Nitzschia accommodata</i>					
<i>Nitzschia agnewii</i>					
<i>Nitzschia clausii</i>					
<i>Nitzschia dissipata</i>					
<i>Nitzschia fonticola</i>					
<i>Nitzschia frustulum</i>					
<i>Nitzschia gracilis</i>					
<i>Nitzschia inconspicua</i>					
<i>Nitzschia kuetzingiana</i>					
<i>Nitzschia linearis</i>					
<i>Nitzschia longissima</i>	1472	1.8	1640.5	15.6	7956
<i>Nitzschia microcephala</i>					
<i>Nitzschia pacifica</i>					
<i>Nitzschia palea</i>				12.8	11520
<i>Nitzschia paleacea</i>					
<i>Nitzschia panduriformis</i>					
<i>Nitzschia reversa</i>					
<i>Nitzschia seriata**</i>					
<i>Nitzschia</i> sp. 1					
<i>Nitzschia</i> sp. 2					
<i>Nitzschia tryblionella</i> var. <i>levidensis</i>					
<i>Nitzschia vitrea</i>					
<i>Odontella</i> (<i>Biddulphia</i>) <i>mobiliensis</i>					
<i>Paralia sulcata</i>		0.8	571.6		
<i>Pinnularia gibba</i>					
<i>Pleurosigma aestuarii</i>		0.2	2304	0.4	35069.8
<i>Pleurosigma angulatum</i>	5620.2	0.4	23244		
<i>Pleurosigma elongatum</i>	16236				
<i>Pleurosigma normanii</i>					
<i>Pleurosigma obscurum</i>					
<i>Pleurosigma</i> sp. 1					
<i>Pleurosigma</i> sp. 2					
<i>Rhizosolenia aiata</i>					
<i>Rhizosolenia delicatula</i>		0.4	1493.8		
<i>Rhizosolenia fragilissima</i>	3218.3			0.4	3025.6
<i>Rhizosolenia setigera</i>					
<i>Rhizosolenia stotterfothii</i>				2.8	22902
<i>Rhizosolenia styliformis</i>	43733.5	0.2	10136.6		
<i>Rhoicosphenia curvata</i>					
<i>Rhopalodia gibba</i>					
<i>Schroederella delicatula</i>					
<i>Skeletonema costatum</i>	7784.4	1250	154625	125	12012.5
<i>Skeletonema</i> sp.					
<i>Stephanodiscus dubius</i>					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	18	18	18	18	18
DATE	04/19/94	06/15/94	06/15/94	08/30/94	08/30/94
DENSITY/VOLUME*	Volume	Density	Volume	Density	Volume
<i>Stephanodiscus hantzschii</i>					
<i>Stephanodiscus</i> sp.					
<i>Stephanopyxis</i> sp.					
<i>Streptotheca tamesis</i>					
<i>Synedra delicatissima</i>					
<i>Synedra radians</i>					
<i>Synedra rumpens</i>					
<i>Synedra</i> sp. 1					
<i>Synedra</i> sp. 2					
<i>Thalassionema nitzschioides</i>					
<i>Thalassiosira decipiens</i>					
<i>Thalassiosira gravida</i>					
<i>Thalassiosira nordenskioldii</i>					
<i>Thalassiosira rotula</i>					
<i>Thalassiosira subtilis</i>	9503				
<i>Thalassiosira</i> (fluviatilis) <i>weissflogii</i>					
<i>Thalassiothrix frauenfeldii</i>	4372.4				
<i>Thalassiothrix</i> sp.					
<i>Tropidoneis</i> sp.		0.2	3131		
CHLOROPHYCEAE					
<i>Actinastrum hantzschii</i>					
<i>Chlamydomonas</i> sp. 1					
<i>Chlamydomonas</i> sp. 2					
<i>Chlorella marina</i>				750	25125
<i>Chlorella salina</i>					
<i>Chlorella</i> sp.					
<i>Chlorococcum</i> sp.					
<i>Chlorogonium</i> sp.					
<i>Choricystis</i> sp.					
<i>Coelastrum sphaericum</i>					
<i>Coelastrum</i> sp.					
<i>Eudorina elegans</i>					
<i>Franceia</i> sp.					
<i>Kirchneriella irregularis</i> var. <i>spiralis</i>					
<i>Kirchneriella lunaris</i>					
<i>Kirchneriella obesa</i>					
<i>Lagerheimia genevensis</i>					
<i>Microactinium pusillum</i>					
<i>Monoraphidium contortum</i>					
<i>Monoraphidium convolutum</i>					
<i>Monoraphidium griffithii</i>					
<i>Monoraphidium pusillum</i>					
<i>Monoraphidium</i> sp.					
<i>Nannochloris atomus</i>	4275	250	1050	625	1575
<i>Pediastrum boryanum</i>					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	18	18	18	18	18
DATE	04/19/94	06/15/94	06/15/94	08/30/94	08/30/94
DENSITY/VOLUME*	Volume	Density	Volume	Density	Volume

Pediastrum duplex

Planctonema sp.

Scenedesmus acuminatus

Scenedesmus ecomis

Scenedesmus intermedius

Scenedesmus opoliensis

Schroederia setigera

Spermatozopsis sp.

CHRYSTOPHYCEAE

Chromulina sp.

Chrysococcus sp.

Chrysochromulina kappa

Dinobryon divergens

Distephanus speculum

Kephyrion sp.

Mallomonas sp.

Monas sp.

Ochromonas sp.

CRYPTOPHYCEAE

<i>Chroomonas acuta</i>	21356.3	500	57000	2000	228000
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<i>Chroomonas amphioxeia</i>	400668.8	875	329962.5	625	235687.5
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Chroomonas pleurococca?

<i>Chroomonas salina</i>	422500	3375	351000	3375	324000
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Chroomonas sp.

Cryptomonas marsonii

Cryptomonas ovata

Cryptomonas reflexa

Cryptomonas rostrata

Cryptomonas rostratiformis

Cryptomonas sp.

CYANOPHYCEAE

Anabaena affinis

Anabaena circinalis

Anabaena flos-aquae

Anabaena sp.

Anacystis sp.

Aphanocapsa delicatissima

Chroococcus sp.

Dactylococcopsis acicularis

Dactylococcopsis fascicularis

Dactylococcopsis sp.

Lyngbya limnetica

Marssoniella elegans

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	18	18	18	18	18
DATE	04/19/94	06/15/94	06/15/94	08/30/94	08/30/94
DENSITY/VOLUME*	Volume	Density	Volume	Density	Volume
<i>Merismopedia tenuissima</i>					
<i>Oscillatoria agardhii</i>					
<i>Oscillatoria limnetica</i>					
<i>Oscillatoria prolifica</i>					
<i>Oscillatoria</i> sp.					
<i>Phormidium</i> sp.					
<i>Synechococcus</i> sp.					
DINOPHYCEAE					
<i>Ceratium minutum</i>				0.4	17191.1
<i>Dinophysis fortii</i>					
<i>Dinophysis</i> sp.		0.8	8648.7	0.4	3350.9
<i>Exuviella</i> sp.					
<i>Glenodinium</i> sp.					
<i>Gonyaulax catenella?</i>	16905.9				
<i>Gonyaulax</i> sp.					
<i>Gonyaulax tamarensis</i>	29586.2	0.2	389.4	6	10602.6
<i>Gonyaulax triacantha</i>					
<i>Gymnodinium</i> sp.					
<i>Gymnodinium splendens</i>	88994.7			1.2	221004.5
<i>Gyrodinium spirale</i>				1.6	197536
<i>Heterocapsa triquetra</i>	2127.1			6.4	11344.6
<i>Katodinium rotundatum</i>	19087.5			125	19587.5
<i>Noctiluca</i> sp.	18600	0.8	37200		
<i>Oxytoxum milneri</i>	1994.3			9.8	47653.2
<i>Peridinium</i> sp.					
<i>Prorocentrum aporum</i>					
<i>Prorocentrum gracile</i>					
<i>Prorocentrum micans</i>				3.2	45135.9
<i>Prorocentrum minimum</i>					
<i>Protoperidinium brevipes</i>	9388.6				
<i>Protoperidinium claudicans</i>					
<i>Protoperidinium deficiens</i>					
<i>Protoperidinium depressum</i>				0.4	6541.8
<i>Protoperidinium pellucidum?</i>					
<i>Protoperidinium</i> sp.					
<i>Protoperidinium spinulosum</i>					
<i>Pyrocystis</i> sp.					
EUGLENOPHYCEAE					
<i>Euglena acus</i>					
<i>Euglena</i> sp.					
<i>Eutreptia lanowii</i>	712			2.8	1661.2
<i>Trachelomonas</i> sp.					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	18	18	18	18	18
DATE	04/19/94	06/15/94	06/15/94	08/30/94	08/30/94
DENSITY/VOLUME*	Volume	Density	Volume	Density	Volume
PRASINOPHYCEAE					
<i>Nephroselmis pyriformis</i>					
<i>Pedinomonas</i> sp.					
<i>Pseudoscourfieldia marina</i>					
<i>Pyramimonas grossii</i>	10469.8			0.4	54.1
<i>Pyramimonas micron</i>	56550	125	3100		
<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	47529.6	2.6	36755.7		
TOTAL:	3128892.6	248124.4	2074422.1	251706.6	1824222.5

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	18	18	24	24	24
DATE	10/26/94	10/26/94	04/19/94	04/19/94	08/30/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density

BACILLARIOPHYCEAE

Achnanthes clevei

Achnanthes lanceolata

Achnanthes linearis

Achnanthes microcephala

Achnanthes minutissima

Achnanthes sp.

Actinoptychus senarius

Amphora sp.

Asterionella formosa

3.6 4838.4

Asterionella glacialis

0.8 772.2

Bacillaria paxillifer

Biddulphia alternans

Biddulphia aurita

0.4 1752.3

Biddulphia mobiliensis

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 curvatulus

2.4 87291

Coscinodiscus excentricus

2 106821.4 2.8 1457310.4

Coscinodiscus granulatus?

Coscinodiscus lineatus

1.2 12765.4

Coscinodiscus marginatus

Coscinodiscus nitidus

Coscinodiscus oculus-iridis

Coscinodiscus radiatus

2.4 18136.4

Cyclotella caspia

Cyclotella glomerata

Cyclotella kutzingiana

Cyclotella meneghiniana

0.4 1891.5

16 1721.6

625

Cyclotella pseudostelligera

Cyclotella sp.

562.5 145125

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	18	18	24	24	24
DATE	10/26/94	10/26/94	04/19/94	04/19/94	08/30/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density
<i>Cyclotella stelligera</i>					
<i>Cyclotella striata</i>	62.5	1325.3			
<i>Cylindrotheca (Nitzschia) closterium</i>	437.5	12250	1.6	281.6	250
<i>Cymbella sinuata</i>					
<i>Diatoma vulgare</i>					
<i>Diploneis</i> sp.					
<i>Ditylum brightwellii</i>					
<i>Entomoneis paludosa</i>					
<i>Eucampia zoodiacus</i>					0.4
<i>Fragilaria crotonensis</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>	0.4	18260.1			
<i>Leptocylindrus danicus</i>					
<i>Leptocylindrus minimus</i>	1.6	465.8			3.2
<i>Lithodesmium undulatum</i>					
<i>Melosira ambigua</i>					
<i>Melosira distans</i>					
<i>Melosira granulata</i>					
<i>Melosira granulata</i> var. <i>angustissima</i>					
<i>Melosira italica</i>					
<i>Melosira lirata</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> var. <i>cincta</i>					
<i>Navicula halophila</i>					
<i>Navicula incerta</i>					
<i>Navicula indifferens</i>					
<i>Navicula mutica</i> var. <i>undulata</i>					
<i>Navicula mutica</i>					
<i>Navicula notha</i>					
<i>Navicula peregrina</i>					
<i>Navicula pupula</i>					
<i>Navicula</i> sp.					
<i>Navicula subminiscula</i>					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	18	18	24	24	24
DATE	10/26/94	10/26/94	04/19/94	04/19/94	08/30/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density
Navicula tripunctata					
Nitzschia acicularis					
Nitzschia accommodata					
Nitzschia agnewii					
Nitzschia clausii					
Nitzschia dissipata					
Nitzschia fonticola					
Nitzschia frustulum					
Nitzschia gracilis					
Nitzschia inconspicua					
Nitzschia kuetzingiana					
Nitzschia linearis					
Nitzschia longissima	1.2	56			0.2
Nitzschia microcephala					
Nitzschia pacifica					
Nitzschia palea	0.4	90.3			
Nitzschia paleacea					
Nitzschia panduriformis					
Nitzschia reversa					
Nitzschia seriata**					
Nitzschia sp. 1					
Nitzschia sp. 2					
Nitzschia tryblionella var. levidensis					
Nitzschia vitrea					
Odontella (Biddulphia) mobiliensis					
Paralia sulcata	5.6	4033.8	13.2	9431.4	
Pinnularia gibba					
Pleurosigma aestuarii	0.4	16041.1	0.4	4160.5	
Pleurosigma angulatum					
Pleurosigma elongatum					
Pleurosigma normanii					
Pleurosigma obscurum					
Pleurosigma sp. 1					
Pleurosigma sp. 2					
Rhizosolenia alata					
Rhizosolenia delicatula					0.8
Rhizosolenia fragilissima	0.8	6395.7			
Rhizosolenia setigera					
Rhizosolenia stotterfothii					
Rhizosolenia styliformis					
Rhoicosphenia curvata					
Rhopalodia gibba					
Schroederella delicatula					
Skeletonema costatum			125	11000	156.5
Skeletonema sp.					
Stephanodiscus dubius					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	18	18	24	24	24
DATE	10/26/94	10/26/94	04/19/94	04/19/94	08/30/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density
<i>Stephanodiscus hantzschii</i>					
<i>Stephanodiscus</i> sp.					
<i>Stephanopyxis</i> sp.					
<i>Streptotheca tamesis</i>					
<i>Synedra delicatissima</i>					
<i>Synedra radians</i>					
<i>Synedra rumpens</i>					
<i>Synedra</i> sp. 1					
<i>Synedra</i> sp. 2					
<i>Thalassionema nitzschioides</i>			1.6	895.2	
<i>Thalassiosira decipiens</i>	2	13437.2			
<i>Thalassiosira gravida</i>					
<i>Thalassiosira nordenskioldii</i>					
<i>Thalassiosira rotula</i>					
<i>Thalassiosira subtilis</i>					
<i>Thalassiosira (fluvialilis) weissflogii</i>					
<i>Thalassiothrix frauenfeldii</i>					
<i>Thalassiothrix</i> sp.					
<i>Tropidoneis</i> sp.					
CHLOROPHYCEAE					
<i>Actinastrum hantzschii</i>					
<i>Chlamydomonas</i> sp. 1					
<i>Chlamydomonas</i> sp. 2					
<i>Chlorella marina</i>	312.5	10468.8			
<i>Chlorella salina</i>			187.5	3858.6	
<i>Chlorella</i> sp.					
<i>Chlorococcum</i> sp.					
<i>Chlorogonium</i> sp.					
<i>Choricystis</i> sp.					
<i>Coelastrum sphaericum</i>					
<i>Coelastrum</i> sp.					
<i>Eudorina elegans</i>					
<i>Franceia</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 pusillum</i>					
<i>Monoraphidium</i> sp.					
<i>Nannochloris atomus</i>	312.5		312.5	1312.5	1000
<i>Pediastrum boryanum</i>	812.5				

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	18	18	24	24	24
DATE	10/26/94	10/26/94	04/19/94	04/19/94	08/30/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density

Pediastrum duplex

Planctonema sp.

Scenedesmus acuminatus

Scenedesmus ecomis

Scenedesmus intermedius

Scenedesmus opoliensis

Schroederia setigera

Spermatozopsis sp.

CHRYSTOPHYCEAE

Chromulina sp.

250 442.4

Chrysococcus sp.

Chrysochromulina kappa

Dinobryon divergens

Distephanus speculum

Kephyrion sp.

Mallomonas sp.

Monas sp.

Ochromonas sp.

CRYPTOPHYCEAE

Chroomonas acuta

1000 107800 62.5 7125 1062.5

Chroomonas amphioxeia

6.4 1689.6 937.5 353531.3 2125

Chroomonas pleurococca?

Chroomonas salina

1500 35100 1562.5 162500 4875

Chroomonas sp.

Cryptomonas marsonii

Cryptomonas ovata

Cryptomonas reflexa

Cryptomonas rostrata

Cryptomonas rostratiformis

Cryptomonas sp.

CYANOPHYCEAE

Anabaena affinis

Anabaena circinalis

Anabaena flos-aquae

Anabaena sp.

Anacystis sp.

Aphanocapsa delicatissima

Chroococcus sp.

Dactylococcopsis acicularis

Dactylococcopsis fascicularis

Dactylococcopsis sp.

Lyngbya limnetica

Marssoniella elegans

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	18	18	24	24	24
DATE	10/26/94	10/26/94	04/19/94	04/19/94	08/30/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density
<i>Merismopedia tenuissima</i>					
<i>Oscillatoria agardhii</i>					
<i>Oscillatoria limnetica</i>					
<i>Oscillatoria prolifica</i>					
<i>Oscillatoria</i> sp.					
<i>Phormidium</i> sp.					
<i>Synechococcus</i> sp.	62.5	50.2			
DINOPHYCEAE					
<i>Ceratium minutum</i>	1.6	68796.4			
<i>Dinophysis fortii</i>					
<i>Dinophysis</i> sp.	2	16141.2			0.4
<i>Exuviella</i> sp.					
<i>Glenodinium</i> sp.					
<i>Gonyaulax catenella?</i>					
<i>Gonyaulax</i> sp.					
<i>Gonyaulax tamarensis</i>	3.6	10052.8	5.2	21367.8	
<i>Gonyaulax triacantha</i>					0.4
<i>Gymnodinium</i> sp.					
<i>Gymnodinium splendens</i>	3.2	159245.9			0.4
<i>Gyrodinium spirale</i>					
<i>Heterocapsa triquetra</i>	2	2720.2	1.2	2127.1	0.4
<i>Katodinium rotundatum</i>	1.2	102.4			
<i>Noctiluca</i> sp.			4.8	180915.9	
<i>Oxytoxum milneri</i>	0.4	1304.6			
<i>Peridinium</i> sp.					
<i>Prorocentrum aporum</i>					
<i>Prorocentrum gracile</i>	2	9033			0.4
<i>Prorocentrum micans</i>					
<i>Prorocentrum minimum</i>					
<i>Proto-peridinium brevipes</i>					
<i>Proto-peridinium claudicans</i>	0.8	4363.2			
<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>	1.2	1388.8	0.4	257.3	0.6
<i>Trachelomonas</i> sp.					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	18	18	24	24	24
DATE	10/26/94	10/26/94	04/19/94	04/19/94	08/30/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density
PRASINOPHYCEAE					
<i>Nephroselmis pyriformis</i>					
<i>Pedinomonas</i> sp.					
<i>Pseudoscourfieldia marina</i>					
<i>Pyramimonas grossii</i>	4.4	3547.8	2	3271.8	
<i>Pyramimonas micron</i>	1.6	132			125
<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)			9.6	135713.3	4.4
TOTAL:	213015.3	980553.8	244750.5	2709506.7	252406.6

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	24	27	27	27	27
DATE	08/30/94	02/17/94	02/17/94	04/19/94	04/19/94
DENSITY/VOLUME*	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>Actinopteryx senarius</i>					
<i>Amphora</i> sp.					
<i>Asterionella formosa</i>					
<i>Asterionella glacialis</i>					
<i>Bacillaria paxillifer</i>					
<i>Biddulphia alternans</i>					
<i>Biddulphia aurita</i>					
<i>Biddulphia mobiliensis</i>					
<i>Biddulphia longicruris</i> var. <i>hyalina</i>					
<i>Biddulphia pulchella</i>				1.6	2147.3
<i>Caloneis amphisbaena</i>					
<i>Cerataulina pelagica</i>					
<i>Chaetoceros compressus</i>		0.4	2726.8		
<i>Chaetoceros costatus</i>					
<i>Chaetoceros debile</i>					
<i>Chaetoceros decipiens</i>		8	25338.4		
<i>Chaetoceros didymus</i>					
<i>Chaetoceros gracilis</i>					
<i>Chaetoceros socialis</i>		10	2505		
<i>Chaetoceros vistulae</i>					
<i>Chaetoceros wighami</i>					
<i>Cocconeis placentula</i>					
<i>Cocconeis scutellum</i>					
<i>Coscinodiscus concinnus</i>					
<i>Coscinodiscus curvatulus</i>				5.2	1561652.9
<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>				13.6	140157.4
<i>Cyclotella caspia</i>					
<i>Cyclotella glomerata</i>					
<i>Cyclotella kutzingiana</i>					
<i>Cyclotella meneghiniana</i>	8812.5	1.2	9288.9	1062.5	204442.9
<i>Cyclotella pseudostelligera</i>					
<i>Cyclotella</i> sp.		125	6283		

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	24	27	27	27	27
DATE	08/30/94	02/17/94	02/17/94	04/19/94	04/19/94
DENSITY/VOLUME*	Volume	Density	Volume	Density	Volume
<i>Cyclotella stelligera</i>					
<i>Cyclotella striata</i>					
<i>Cylindrotheca (Nitzschia) closterium</i>	20250	62.5	2500	1937.5	62000
<i>Cymbella sinuata</i>					
<i>Diatoma vulgare</i>					
<i>Diploneis</i> sp.					
<i>Ditylum brightwellii</i>					
<i>Entomoneis paludosa</i>					
<i>Eucampia zoodiacus</i>	573.4				
<i>Fragilaria crotonensis</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>		0.2	2585.7		
<i>Gyrosigma macrum?</i>					
<i>Gyrosigma spencerii</i>					
<i>Isthmia nervosa</i>					
<i>Lauderia borealis</i>					
<i>Leptocylindrus danicus</i>					
<i>Leptocylindrus minimus</i>	461.1				
<i>Lithodesmium undulatum</i>					
<i>Melosira ambigua</i>					
<i>Melosira distans</i>					
<i>Melosira granulata</i>					
<i>Melosira granulata</i> var. <i>angustissima</i>					
<i>Melosira italica</i>					
<i>Melosira lirata</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> var. <i>cincta</i>					
<i>Navicula halophila</i>					
<i>Navicula incerta</i>					
<i>Navicula indifferens</i>					
<i>Navicula mutica</i> var. <i>undulata</i>					
<i>Navicula mutica</i>					
<i>Navicula notha</i>					
<i>Navicula peregrina</i>					
<i>Navicula pupula</i>					
<i>Navicula</i> sp.					
<i>Navicula subminiscula</i>					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	24	27	27	27	27
DATE	08/30/94	02/17/94	02/17/94	04/19/94	04/19/94
DENSITY/VOLUME*	Volume	Density	Volume	Density	Volume
<i>Navicula tripunctata</i>					
<i>Nitzschia acicularis</i>					
<i>Nitzschia accommodata</i>					
<i>Nitzschia agnewii</i>					
<i>Nitzschia clausii</i>					
<i>Nitzschia dissipata</i>					
<i>Nitzschia fonticola</i>					
<i>Nitzschia frustulum</i>					
<i>Nitzschia gracilis</i>					
<i>Nitzschia inconspicua</i>					
<i>Nitzschia kuetzingiana</i>					
<i>Nitzschia linearis</i>					
<i>Nitzschia longissima</i>	118.4			3.2	14336
<i>Nitzschia microcephala</i>					
<i>Nitzschia pacifica</i>					
<i>Nitzschia palea</i>					
<i>Nitzschia paleacea</i>					
<i>Nitzschia panduriformis</i>					
<i>Nitzschia reversa</i>					
<i>Nitzschia seriata**</i>					
<i>Nitzschia</i> sp. 1					
<i>Nitzschia</i> sp. 2					
<i>Nitzschia tryblionella</i> var. <i>levidensis</i>					
<i>Nitzschia vitrea</i>					
<i>Odontella</i> (<i>Biddulphia</i>) <i>mobiliensis</i>					
<i>Paralia sulcata</i>		7.2	5144.4	24.8	17719.6
<i>Pinnularia gibba</i>					
<i>Pleurosigma aestuarii</i>				0.4	4160.5
<i>Pleurosigma angulatum</i>					
<i>Pleurosigma elongatum</i>		3	7460.7		
<i>Pleurosigma normanii</i>					
<i>Pleurosigma obscurum</i>					
<i>Pleurosigma</i> sp. 1					
<i>Pleurosigma</i> sp. 2					
<i>Rhizosolenia alata</i>					
<i>Rhizosolenia delicatula</i>	2263.8				
<i>Rhizosolenia fragilissima</i>					
<i>Rhizosolenia setigera</i>				2	6295
<i>Rhizosolenia stokerfothii</i>		0.8	11100.8		
<i>Rhizosolenia styliiformis</i>		0.4	39619.5	0.4	43733.5
<i>Rhoicosphenia curvata</i>					
<i>Rhopalodia gibba</i>					
<i>Schroederella delicatula</i>					
<i>Skeletonema costatum</i>	13766.1	0.8	189	812.5	51049.4
<i>Skeletonema</i> sp.					
<i>Stephanodiscus dubius</i>					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	24	27	27	27	27
DATE	08/30/94	02/17/94	02/17/94	04/19/94	04/19/94
DENSITY/VOLUME*	Volume	Density	Volume	Density	Volume
<i>Stephanodiscus hantzschii</i>					
<i>Stephanodiscus</i> sp.					
<i>Stephanopyxis</i> sp.					
<i>Streptotheca tamesis</i>					
<i>Synedra delicatissima</i>					
<i>Synedra radians</i>					
<i>Synedra rumpens</i>					
<i>Synedra</i> sp. 1					
<i>Synedra</i> sp. 2					
<i>Thalassionema nitzschioides</i>					
<i>Thalassiosira decipiens</i>					
<i>Thalassiosira gravida</i>					
<i>Thalassiosira nordenskioldii</i>					
<i>Thalassiosira rotula</i>					
<i>Thalassiosira subtilis</i>					
<i>Thalassiosira (fluviatilis) weissflogii</i>					
<i>Thalassiothrix frauenfeldii</i>				1.6	3497.9
<i>Thalassiothrix</i> sp.					
<i>Tropidoneis</i> sp.					
CHLOROPHYCEAE					
<i>Actinastrum hantzschii</i>					
<i>Chlamydomonas</i> sp. 1					
<i>Chlamydomonas</i> sp. 2					
<i>Chlorella marina</i>					
<i>Chlorella salina</i>					
<i>Chlorella</i> sp.					
<i>Chlorococcum</i> sp.					
<i>Chlorogonium</i> sp.					
<i>Choricystis</i> sp.					
<i>Coelastrum sphaericum</i>					
<i>Coelastrum</i> sp.					
<i>Eudorina elegans</i>					
<i>Franceia</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 pusillum</i>					
<i>Monoraphidium</i> sp.					
<i>Nannochloris atomus</i>	10004.2	250	1050	1062.5	4462.5
<i>Pediastrum boryanum</i>					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	24	27	27	27	27
DATE	08/30/94	02/17/94	02/17/94	04/19/94	04/19/94
DENSITY/VOLUME*	Volume	Density	Volume	Density	Volume
<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>Schroederia setigera</i>					
<i>Spermatozopsis</i> sp.					
CHRYSTOPHYCEAE					
<i>Chromulina</i> sp.				375	1575
<i>Chrysococcus</i> sp.					
<i>Chrysochromulina kappa</i>					
<i>Dinobryon divergens</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>	121125	375	42712.5	750	85425
<i>Chroomonas amphioxeia</i>	801337.5	62.5	23568.8	1000	377100
<i>Chroomonas pleurococca?</i>					
<i>Chroomonas salina</i>	468000	1125	117000	3000	288000
<i>Chroomonas</i> sp.					
<i>Cryptomonas marsonii</i>					
<i>Cryptomonas ovata</i>					
<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 flos-aquae</i>					
<i>Anabaena</i> sp.					
<i>Anacystis</i> sp.					
<i>Aphanocapsa delicatissima</i>					
<i>Chroococcus</i> sp.					
<i>Dactylococcopsis acicularis</i>					
<i>Dactylococcopsis fascicularis</i>					
<i>Dactylococcopsis</i> sp.					
<i>Lyngbya limnetica</i>					
<i>Marssoniella elegans</i>					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	24	27	27	27	27
DATE	08/30/94	02/17/94	02/17/94	04/19/94	04/19/94
DENSITY/VOLUME*	Volume	Density	Volume	Density	Volume
<i>Merismopedia tenuissima</i>					
<i>Oscillatoria agardhii</i>					
<i>Oscillatoria limnetica</i>					
<i>Oscillatoria prolifica</i>					
<i>Oscillatoria</i> sp.					
<i>Phormidium</i> sp.					
<i>Synechococcus</i> sp.					
DINOPHYCEAE					
<i>Ceratium minutum</i>					
<i>Dinophysis fortii</i>					
<i>Dinophysis</i> sp.	3350.9				
<i>Exuviella</i> sp.					
<i>Glenodinium</i> sp.					
<i>Gonyaulax catenella?</i>					
<i>Gonyaulax</i> sp.					
<i>Gonyaulax tamarensis</i>		0.8	3624	20	33101.9
<i>Gonyaulax triacantha</i>	256.1				
<i>Gymnodinium</i> sp.					
<i>Gymnodinium splendens</i>	73668.2			0.8	88994.7
<i>Gyrodinium spirale</i>					
<i>Heterocapsa triquetra</i>	709	0.8	1418.1	2	3545.2
<i>Katodinium rotundatum</i>		62.5	10687.5	62.5	5981.3
<i>Noctiluca</i> sp.				4	150763.2
<i>Oxytoxum milneri</i>				2.4	12004.8
<i>Peridinium</i> sp.					
<i>Prorocentrum aporum</i>					
<i>Prorocentrum gracile</i>	2060.8				
<i>Prorocentrum micans</i>					
<i>Prorocentrum minimum</i>				0.4	461.3
<i>Protoperidinium brevipes</i>				2	78239.8
<i>Protoperidinium claudicans</i>				0.8	22192.8
<i>Protoperidinium deficiens</i>					
<i>Protoperidinium depressum</i>					
<i>Protoperidinium pellucidum?</i>					
<i>Protoperidinium</i> sp.					
<i>Protoperidinium spinulosum</i>					
<i>Pyrocystis</i> sp.					
EUGLENOPHYCEAE					
<i>Euglena acus</i>					
<i>Euglena</i> sp.					
<i>Eutreptia lanowii</i>	454.1			0.8	474.6
<i>Trachelomonas</i> sp.					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	24	27	27	27	27
DATE	08/30/94	02/17/94	02/17/94	04/19/94	04/19/94
DENSITY/VOLUME*	Volume	Density	Volume	Density	Volume
PRASINOPHYCEAE					
<i>Nephroselmis pyriformis</i>					
<i>Pedinomonas</i> sp.					
<i>Pseudoscurfieldia marina</i>					
<i>Pyramimonas grossii</i>		1.2	2256.4	1.2	1963.1
<i>Pyramimonas micron</i>	4187.5	187.5	23679.1	437.5	23782.5
<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	62201.9			4.8	67856.6
TOTAL:	1835776.5	208738.8	547192.6	251855	3598379.7

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	27	27	27	27	27
DATE	06/15/94	06/15/94	08/30/94	08/30/94	10/26/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density

BACILLARIOPHYCEAE

Achnanthes clevei

Achnanthes lanceolata

Achnanthes linearis

Achnanthes microcephala

Achnanthes minutissima

Achnanthes sp.

Actinoptychus senarius

Amphora sp.

Asterionella formosa

Asterionella glacialis

Bacillaria paxillifer

Biddulphia alternans

Biddulphia aurita

Biddulphia mobiliensis

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 125 21362.5

Chaetoceros wighami

Cocconeis placentula

Cocconeis scutellum

Coscinodiscus concinnus

Coscinodiscus curvatulus 0.4 26370.4

Coscinodiscus excentricus 2.4 203569.2 1.2

Coscinodiscus granulosus?

Coscinodiscus lineatus 0.2 25446 1.2

Coscinodiscus marginatus

Coscinodiscus nitidus

Coscinodiscus oculus-iridis

Coscinodiscus radiatus 1.8 18550.3 0.4 1374.1

Cyclotella caspia

Cyclotella glomerata

Cyclotella kutzingiana

Cyclotella meneghiniana 2250 210150

Cyclotella pseudostelligera

Cyclotella sp.

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	27	27	27	27	27
DATE	06/15/94	06/15/94	08/30/94	08/30/94	10/26/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density
<i>Cyclotella stelligera</i>					
<i>Cyclotella striata</i>					
<i>Cylindrotheca (Nitzschia) closterium</i>					
<i>Cymbella sinuata</i>					
<i>Distoma vulgare</i>					
<i>Diploneis</i> sp.					
<i>Ditylum brightwellii</i>					
<i>Entomoneis paludosa</i>					
<i>Eucampia zoodiacus</i>					
<i>Fragilaria crotonensis</i>					
<i>Fragilaria pinnata</i>					
<i>Fragilaria</i> sp.					
<i>Fragilaria vaucheriae</i>					
<i>Grammatophora marina</i>	0.4	904.8			
<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 ambigua</i>					
<i>Melosira distans</i>					
<i>Melosira granulata</i>					
<i>Melosira granulata</i> var. <i>angustissima</i>					
<i>Melosira italica</i>					
<i>Melosira lirata</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> var. <i>cincta</i>					
<i>Navicula halophila</i>					
<i>Navicula incerta</i>					
<i>Navicula indifferens</i>					
<i>Navicula mutica</i> var. <i>undulata</i>					
<i>Navicula mutica</i>					
<i>Navicula notha</i>					
<i>Navicula peregrina</i>					
<i>Navicula pupula</i>					
<i>Navicula</i> sp.					
<i>Navicula subminiscula</i>					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	27	27	27	27	27
DATE	06/15/94	06/15/94	08/30/94	08/30/94	10/26/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density
Navicula tripunctata					
Nitzschia acicularis					
Nitzschia accommodata					
Nitzschia agnewii					
Nitzschia clausii					
Nitzschia dissipata					
Nitzschia fonticola					
Nitzschia frustulum					
Nitzschia gracilis					
Nitzschia inconspicua					
Nitzschia kuetzingiana					
Nitzschia linearis					
Nitzschia longissima					
Nitzschia microcephala					
Nitzschia pacifica					
Nitzschia palea					
Nitzschia paleacea					
Nitzschia panduriformis					
Nitzschia reversa					
Nitzschia seriata**					
Nitzschia sp. 1					
Nitzschia sp. 2					
Nitzschia tryblionella var. levidensis					
Nitzschia vitrea					
Odontella (Biddulphia) mobiliensis					
Paralia sulcata	9.6	6859.2			7.8
Pinnularia gibba					
Pleurosigma aestuarii					
Pleurosigma angulatum					
Pleurosigma elongatum					
Pleurosigma normanii					
Pleurosigma obscurum					
Pleurosigma sp. 1					
Pleurosigma sp. 2					
Rhizosolenia alata					
Rhizosolenia delicatula					
Rhizosolenia fragilissima					0.2
Rhizosolenia setigera					
Rhizosolenia stollerfothii					
Rhizosolenia styliformis					
Rhoicosphenia curvata					
Rhopalodia gibba					
Schroederella delicatula					
Skeletonema costatum	1125	113062.5			
Skeletonema sp.					
Stephanodiscus dubius					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	27	27	27	27	27
DATE	06/15/94	06/15/94	08/30/94	08/30/94	10/26/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density
<i>Stephanodiscus hantzschii</i>					
<i>Stephanodiscus</i> sp.					
<i>Stephanopyxis</i> sp.					
<i>Streptotheca tamesis</i>					0.4
<i>Synedra delicatissima</i>					
<i>Synedra radians</i>					
<i>Synedra rumpens</i>					
<i>Synedra</i> sp. 1					
<i>Synedra</i> sp. 2					
<i>Thalassionema nitzschioides</i>					
<i>Thalassiosira decipiens</i>					4.6
<i>Thalassiosira gravida</i>					
<i>Thalassiosira nordenskioldii</i>					
<i>Thalassiosira rotula</i>					
<i>Thalassiosira subtilis</i>					
<i>Thalassiosira (fluviatilis) weissflogii</i>					
<i>Thalassiothrix frauenfeldii</i>					
<i>Thalassiothrix</i> sp.					
<i>Tropidoneis</i> sp.					
CHLOROPHYCEAE					
<i>Actinastrum hantzschii</i>					
<i>Chlamydomonas</i> sp. 1					
<i>Chlamydomonas</i> sp. 2					
<i>Chlorella marina</i>					
<i>Chlorella salina</i>					
<i>Chlorella</i> sp.					
<i>Chlorococcum</i> sp.					
<i>Chlorogonium</i> sp.					
<i>Choricystis</i> sp.					
<i>Coelastrum sphaericum</i>					
<i>Coelastrum</i> sp.					
<i>Eudorina elegans</i>					
<i>Franceia</i> sp.					
<i>Kirchneriella irregularis</i> var. <i>spiralis</i>					
<i>Kirchneriella lunaris</i>					
<i>Kirchneriella obesa</i>					
<i>Lagerheimia genevensis</i>					
<i>Microactinium pusillum</i>					
<i>Monoraphidium contortum</i>					
<i>Monoraphidium convolutum</i>					
<i>Monoraphidium griffithii</i>					
<i>Monoraphidium pusillum</i>					
<i>Monoraphidium</i> sp.					
<i>Nannochloris atomus</i>					62.5
<i>Pediastrum boryanum</i>					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	27	27	27	27	27
DATE	06/15/94	06/15/94	08/30/94	08/30/94	10/26/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density

Pediastrum duplex

Planctonema sp.

Scenedesmus acuminatus

Scenedesmus ecomis

Scenedesmus intermedius

Scenedesmus opoliensis

Schroederia setigera

Spermatozopsis sp.

CHRYSOPHYCEAE

Chromulina sp.

Chrysococcus sp.

Chrysochromulina kappa

Dinobryon divergens

Distephanus speculum

0.2 916.1

Kephyrion sp.

Mallomonas sp.

Monas sp.

Ochromonas sp.

CRYPTOPHYCEAE

Chroomonas acuta

0.8

Chroomonas amphioxeia

1.4

527.9

657.3

247867.8

0.8

Chroomonas pleurococca?

Chroomonas salina

3750

390000

1784.1

171273.6

12.8

Chroomonas sp.

Cryptomonas marsonii

Cryptomonas ovata

Cryptomonas reflexa

Cryptomonas rostrata

Cryptomonas rostratiformis

Cryptomonas sp.

CYANOPHYCEAE

Anabaena affinis

Anabaena circinalis

Anabaena flos-aquae

Anabaena sp.

Anacystis sp.

Aphanocapsa delicatissima

Chroococcus sp.

Dactylococcopsis acicularis

Dactylococcopsis fascicularis

Dactylococcopsis sp.

Lyngbya limnetica

Marssonella elegans

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	27	27	27	27	27
DATE	06/15/94	06/15/94	08/30/94	08/30/94	10/26/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density
<i>Merismopedia tenuissima</i>					
<i>Oscillatoria agardhii</i>					
<i>Oscillatoria limnetica</i>					
<i>Oscillatoria prolifica</i>					
<i>Oscillatoria</i> sp.					
<i>Phormidium</i> sp.					
<i>Synechococcus</i> sp.					
DINOPHYCEAE					
<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
<i>Gonyaulax triacantha</i>					
<i>Gymnodinium</i> sp.					
<i>Gymnodinium splendens</i>					
<i>Gyrodinium spirale</i>					
<i>Heterocapsa triquetra</i>					
<i>Katodinium rotundatum</i>					
<i>Noctiluca</i> sp.	6.2	1448834.4	0.2	5172.2	1.6
<i>Oxytoxum milneri</i>					
<i>Peridinium</i> sp.					
<i>Prorocentrum aporum</i>					
<i>Prorocentrum gracile</i>					
<i>Prorocentrum micans</i>					
<i>Prorocentrum minimum</i>					
<i>Protoperidinium brevipes</i>					
<i>Protoperidinium claudicans</i>					
<i>Protoperidinium deficiens</i>					
<i>Protoperidinium depressum</i>					
<i>Protoperidinium pellucidum?</i>					
<i>Protoperidinium</i> sp.					
<i>Protoperidinium spinulosum</i>					
<i>Pyrocystis</i> sp.					
EUGLENOPHYCEAE					
<i>Euglena acus</i>					
<i>Euglena</i> sp.					
<i>Eutreptia lanowii</i>	0.4	237.3	0.2	119.2	
<i>Trachelomonas</i> sp.					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	27	27	27	27	27
DATE	06/15/94	06/15/94	08/30/94	08/30/94	10/26/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density
PRASINOPHYCEAE					
<i>Nephroselmis pyriformis</i>					
<i>Pedinomonas</i> sp.					
<i>Pseudoscurfieldia marina</i>					
<i>Pyramimonas grossii</i>					
<i>Pyramimonas micron</i>	250	7175	93.9	1324	125
<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	4	56547.2	1.2	16964.2	2.2
TOTAL:	249188.2	2719442.3	244732.1	739021.6	208181.5

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	27	30	30	32	32
DATE	10/26/94	02/25/94	02/25/94	02/17/94	02/17/94
DENSITY/VOLUME*	Volume	Density	Volume	Density	Volume

BACILLARIOPHYCEAE

Achnanthes clevei					
Achnanthes lanceolata					
Achnanthes linearis					
Achnanthes microcephala					
Achnanthes minutissima					
Achnanthes sp.					
Actinopterychus senarius					
Amphora sp.					
Asterionella formosa					
Asterionella glacialis		6.8	11704.2		
Bacillaria paxillifer					
Biddulphia alternans		0.4	7672		
Biddulphia aurita					
Biddulphia mobiliensis					
Biddulphia longicruris var. hyalina					
Biddulphia pulchella					
Caloneis amphisbaena					
Cerataulina pelagica					
Chaetoceros compressus				2	13634.1
Chaetoceros costatus					
Chaetoceros debile		1002.8	1046484.3		
Chaetoceros decipiens				0.8	2533.8
Chaetoceros didymus					
Chaetoceros gracilis					
Chaetoceros socialis				1.4	350.7
Chaetoceros vistulae					
Chaetoceros wighami					
Cocconeis placentula					
Cocconeis scutellum					
Coscinodiscus concinnus					
Coscinodiscus curvatulus					
Coscinodiscus excentricus	106420	2.4	116584.8		
Coscinodiscus granulatus?					
Coscinodiscus lineatus	331742.4				
Coscinodiscus marginatus					
Coscinodiscus nitidus					
Coscinodiscus oculus-iridis					
Coscinodiscus radiatus		2.4	59229.2		
Cyclotella caspia					
Cyclotella glomerata					
Cyclotella kutzingiana					
Cyclotella meneghiniana					
Cyclotella pseudostelligera					
Cyclotella sp.					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	27	30	30	32	32
DATE	10/26/94	02/25/94	02/25/94	02/17/94	02/17/94
DENSITY/VOLUME*	Volume	Density	Volume	Density	Volume
<i>Cyclotella stelligera</i>					
<i>Cyclotella striata</i>					
<i>Cylindrotheca (Nitzschia) closterium</i>		125	14137.5		
<i>Cymbella sinuata</i>					
<i>Diatoma vulgare</i>					
<i>Diploneis</i> sp.					
<i>Ditylum brightwellii</i>		0.4	286363		
<i>Entomoneis paludosa</i>					
<i>Eucampia zoodiacus</i>		60.4	1521838.4	1.6	9296.8
<i>Fragilaria crotonensis</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>				0.2	2585.7
<i>Gyrosigma macrum?</i>					
<i>Gyrosigma spencerii</i>					
<i>Isthmia nervosa</i>					
<i>Lauderia borealis</i>					
<i>Leptocylindrus danicus</i>					
<i>Leptocylindrus minimus</i>		125	12712.5		
<i>Lithodesmium undulatum</i>					
<i>Melosira ambigua</i>					
<i>Melosira distans</i>					
<i>Melosira granulata</i>					
<i>Melosira granulata</i> var. <i>angustissima</i>					
<i>Melosira italica</i>					
<i>Melosira lirata</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> var. <i>cincta</i>					
<i>Navicula halophila</i>					
<i>Navicula incerta</i>					
<i>Navicula indifferens</i>					
<i>Navicula mutica</i> var. <i>undulata</i>					
<i>Navicula mutica</i>					
<i>Navicula notha</i>					
<i>Navicula peregrina</i>					
<i>Navicula pupula</i>					
<i>Navicula</i> sp.					
<i>Navicula subminiscula</i>					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	27	30	30	32	32
DATE	10/26/94	02/25/94	02/25/94	02/17/94	02/17/94
DENSITY/VOLUME*	Volume	Density	Volume	Density	Volume
<i>Navicula tripunctata</i>					
<i>Nitzschia acicularis</i>					
<i>Nitzschia accommodata</i>					
<i>Nitzschia agnewii</i>					
<i>Nitzschia clausii</i>					
<i>Nitzschia dissipata</i>					
<i>Nitzschia fonticola</i>					
<i>Nitzschia frustulum</i>					
<i>Nitzschia gracilis</i>					
<i>Nitzschia inconspicua</i>					
<i>Nitzschia kuetzingiana</i>				0.6	102.6
<i>Nitzschia linearis</i>					
<i>Nitzschia longissima</i>					
<i>Nitzschia microcephala</i>					
<i>Nitzschia pacifica</i>					
<i>Nitzschia palea</i>					
<i>Nitzschia paleacea</i>					
<i>Nitzschia panduriformis</i>					
<i>Nitzschia reversa</i>		0.4	286.4		
<i>Nitzschia seriata**</i>					
<i>Nitzschia</i> sp. 1					
<i>Nitzschia</i> sp. 2					
<i>Nitzschia tryblionella</i> var. <i>levidensis</i>		6	3693.6		
<i>Nitzschia vitrea</i>					
<i>Odontella</i> (<i>Biddulphia</i>) <i>mobiliensis</i>					
<i>Paralia sulcata</i>	5618.3			4.4	3143.8
<i>Pinnularia gibba</i>					
<i>Pleurosigma aestuarii</i>		4.8	85377.6		
<i>Pleurosigma angulatum</i>		0.4	12321		
<i>Pleurosigma elongatum</i>		6	288009.6		
<i>Pleurosigma normanii</i>					
<i>Pleurosigma obscurum</i>					
<i>Pleurosigma</i> sp. 1					
<i>Pleurosigma</i> sp. 2					
<i>Rhizosolenia alata</i>					
<i>Rhizosolenia delicatula</i>					
<i>Rhizosolenia fragilissima</i>	355.1				
<i>Rhizosolenia setigera</i>		0.4	1259	0.2	629.5
<i>Rhizosolenia stouterothii</i>					
<i>Rhizosolenia styliformis</i>		0.4	39619.6	0.2	19809.8
<i>Rhoicosphenia curvata</i>					
<i>Rhopalodia gibba</i>					
<i>Schroederella delicatula</i>					
<i>Skeletonema costatum</i>				0.8	195
<i>Skeletonema</i> sp.					
<i>Stephanodiscus dubius</i>					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	27	30	30	32	32
DATE	10/26/94	02/25/94	02/25/94	02/17/94	02/17/94
DENSITY/VOLUME*	Volume	Density	Volume	Density	Volume
<i>Stephanodiscus hantzschii</i>					
<i>Stephanodiscus</i> sp.					
<i>Stephanopyxis</i> sp.					
<i>Streptotheca tamesis</i>	27936	1.6	674004		
<i>Synedra delicatissima</i>					
<i>Synedra radians</i>					
<i>Synedra rumpens</i>					
<i>Synedra</i> sp. 1					
<i>Synedra</i> sp. 2					
<i>Thalassionema nitzschioides</i>					
<i>Thalassiosira decipiens</i>	17341.1				
<i>Thalassiosira gravida</i>					
<i>Thalassiosira nordenskioldii</i>					
<i>Thalassiosira rotula</i>					
<i>Thalassiosira subtilis</i>		17.2	102157.7		
<i>Thalassiosira (fluviatilis) weissflogii</i>					
<i>Thalassiothrix frauenfeldii</i>					
<i>Thalassiothrix</i> sp.					
<i>Tropidoneis</i> sp.					
CHLOROPHYCEAE					
<i>Actinastrum hantzschii</i>					
<i>Chlamydomonas</i> sp. 1					
<i>Chlamydomonas</i> sp. 2					
<i>Chlorella marina</i>					
<i>Chlorella salina</i>					
<i>Chlorella</i> sp.					
<i>Chlorococcum</i> sp.					
<i>Chlorogonium</i> sp.					
<i>Choricystis</i> sp.					
<i>Coelastrum sphaericum</i>					
<i>Coelastrum</i> sp.					
<i>Eudorina elegans</i>					
<i>Franceia</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 pusillum</i>					
<i>Monoraphidium</i> sp.					
<i>Nannochloris atomus</i>	262.5	187.5	787.5	687.5	2887.5
<i>Pediastrum boryanum</i>					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	27	30	30	32	32
DATE	10/26/94	02/25/94	02/25/94	02/17/94	02/17/94
DENSITY/VOLUME*	Volume	Density	Volume	Density	Volume

Pediastrum duplex

Planctonema sp.

Scenedesmus acuminatus

Scenedesmus ecomis

Scenedesmus intermedius

Scenedesmus opoliensis

Schroedena setigera

Spermatozopsis sp.

CHRYSTOPHYCEAE

Chromulina sp.

Chrysococcus sp.

Chrysochromulina kappa

Dinobryon divergens

Distephanus speculum

Kephyrion sp.

Mallomonas sp.

Monas sp.

Ochromonas sp.

CRYPTOPHYCEAE

<i>Chroomonas acuta</i>	86.2	187.5	21375	625	71187.5
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<i>Chroomonas amphioxeia</i>	211.2			62.5	23568.8
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Chroomonas pleurococca?

<i>Chroomonas salina</i>	299.5	500	52000	1062.5	110500
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Chroomonas sp.

Cryptomonas marsonii

Cryptomonas ovata

Cryptomonas reflexa

Cryptomonas rostrata

Cryptomonas rostratiformis

Cryptomonas sp.

CYANOPHYCEAE

Anabaena affinis

Anabaena circinalis

Anabaena flos-aquae

Anabaena sp.

Anacystis sp.

Aphanocapsa delicatissima

Chroococcus sp.

Dactylococcopsis acicularis

Dactylococcopsis fascicularis

Dactylococcopsis sp.

Lyngbya limnetica

Marssoniella elegans

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	27	30	30	32	32
DATE	10/26/94	02/25/94	02/25/94	02/17/94	02/17/94
DENSITY/VOLUME*	Volume	Density	Volume	Density	Volume
<i>Merismopedia tenuissima</i>					
<i>Oscillatoria agardhii</i>					
<i>Oscillatoria limnetica</i>					
<i>Oscillatoria prolifica</i>					
<i>Oscillatoria</i> sp.					
<i>Phormidium</i> sp.					
<i>Synechococcus</i> sp.					
DINOPHYCEAE					
<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>	2181.6	0.8	8821.4	1	4530
<i>Gonyaulax triacantha</i>					
<i>Gymnodinium</i> sp.					
<i>Gymnodinium splendens</i>					
<i>Gyrodinium spirale</i>				0.2	3230.8
<i>Heterocapsa triquetra</i>				2.2	8021.4
<i>Katodinium rotundatum</i>				187.5	32062.5
<i>Noctiluca</i> sp.	43911.7				
<i>Oxytoxum milneri</i>				0.2	1647
<i>Peridinium</i> sp.				0.2	2319.6
<i>Prorocentrum aporum</i>					
<i>Prorocentrum gracile</i>					
<i>Prorocentrum micans</i>					
<i>Prorocentrum minimum</i>				0.2	125.7
<i>Protoberidinium brevipes</i>					
<i>Protoberidinium claudicans</i>					
<i>Protoberidinium deficiens</i>					
<i>Protoberidinium depressum</i>					
<i>Protoberidinium pellucidum?</i>					
<i>Protoberidinium</i> sp.				0.8	4368.2
<i>Protoberidinium spinulosum</i>					
<i>Pyrocystis</i> sp.					
EUGLENOPHYCEAE					
<i>Euglena acus</i>					
<i>Euglena</i> sp.					
<i>Eutreptia lanowii</i>		8	4746.4	0.8	402.1
<i>Trachelomonas</i> sp.					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	27	30	30	32	32
DATE	10/26/94	02/25/94	02/25/94	02/17/94	02/17/94
DENSITY/VOLUME*	Volume	Density	Volume	Density	Volume
PRASINOPHYCEAE					
<i>Nephroselmis pyriformis</i>					
<i>Pedinomonas</i> sp.					
<i>Pseudoscurfieldia marina</i>					
<i>Pyramimonas grossii</i>				1.4	2632.4
<i>Pyramimonas micron</i>	6800	125	6800		
<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)	24323.4				
TOTAL:	775449	243281.6	4618894.7	209128.2	526249.3

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	32	32	32	32	32
DATE	04/19/94	04/19/94	06/15/94	06/15/94	08/30/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density

BACILLARIOPHYCEAE

Achnanthes clevei

Achnanthes lanceolata

Achnanthes linearis

Achnanthes microcephala

Achnanthes minutissima

Achnanthes sp.

Actinopteryx senarius

Amphora sp.

Asterionella formosa

Asterionella glacialis 25.2 24323

Bacillaria paxillifer

Biddulphia alternans

Biddulphia aurita

Biddulphia mobiliensis

Biddulphia longicruris var. *hyalina*

Biddulphia pulchella 0.4

Caloneis amphisbaena

Cerataulina pelagica

Chaetoceros compressus

Chaetoceros costatus

Chaetoceros debile

Chaetoceros decipiens

Chaetoceros didymus

Chaetoceros gracilis

Chaetoceros socialis 5.6 281.5

Chaetoceros vistulae

Chaetoceros wighami

Cocconeis placentula

Cocconeis scutellum

Coscinodiscus concinnus

Coscinodiscus curvatulus 10.4 22062519 1 176929.3 2.4

Coscinodiscus excentricus 6.4 644988.7

Coscinodiscus granulatus?

Coscinodiscus lineatus 0.2

Coscinodiscus marginatus

Coscinodiscus nitidus

Coscinodiscus oculus-iridis

Coscinodiscus radiatus 10 22972.2 1.6 9047.5 1

Cyclotella caspia

Cyclotella glomerata

Cyclotella kutzingiana

Cyclotella meneghiniana 3250 297700 750

Cyclotella pseudostelligera

Cyclotella sp. 375

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	32	32	32	32	32
DATE	04/19/94	04/19/94	06/15/94	06/15/94	08/30/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density
<i>Cyclotella stelligera</i>					
<i>Cyclotella striata</i>					
<i>Cylindrotheca (Nitzschia) closterium</i>	875	140000			250
<i>Cymbella sinuata</i>					
<i>Diatoma vulgare</i>					
<i>Diploneis</i> sp.					
<i>Ditylum brightwellii</i>	2.4	1718178.5			
<i>Entomoneis paludosa</i>					
<i>Eucampia zoodiacus</i>					
<i>Fragilaria crotonensis</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 ambigua</i>					
<i>Melosira distans</i>					
<i>Melosira granulata</i>					
<i>Melosira granulata</i> var. <i>angustissima</i>					
<i>Melosira italica</i>					
<i>Melosira lirata</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> var. <i>cincta</i>					
<i>Navicula halophila</i>					
<i>Navicula incerta</i>					500
<i>Navicula indifferens</i>					
<i>Navicula mutica</i> var. <i>undulata</i>					
<i>Navicula mutica</i>					
<i>Navicula notha</i>					
<i>Navicula peregrina</i>					
<i>Navicula pupula</i>					
<i>Navicula</i> sp.					
<i>Navicula subminiscula</i>					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	32	32	32	32	32
DATE	04/19/94	04/19/94	06/15/94	06/15/94	08/30/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density
<i>Navicula tripunctata</i>					
<i>Nitzschia acicularis</i>					
<i>Nitzschia accommodata</i>					
<i>Nitzschia agnewii</i>					
<i>Nitzschia clausii</i>					
<i>Nitzschia dissipata</i>					
<i>Nitzschia fonticola</i>					
<i>Nitzschia frustulum</i>					
<i>Nitzschia gracilis</i>					
<i>Nitzschia inconspicua</i>					
<i>Nitzschia kuetzingiana</i>					
<i>Nitzschia linearis</i>					
<i>Nitzschia longissima</i>	16.8	34272			
<i>Nitzschia microcephala</i>					
<i>Nitzschia pacifica</i>					
<i>Nitzschia palea</i>					
<i>Nitzschia paleacea</i>					
<i>Nitzschia panduriformis</i>					
<i>Nitzschia reversa</i>					
<i>Nitzschia seriata**</i>					
<i>Nitzschia</i> sp. 1					
<i>Nitzschia</i> sp. 2					
<i>Nitzschia tryblionella</i> var. <i>levidensis</i>					
<i>Nitzschia vitrea</i>					
<i>Odontella</i> (<i>Biddulphia</i>) <i>mobiliensis</i>					
<i>Paralia sulcata</i>	17.2	10384.4	1.4	1008.4	
<i>Pinnularia gibba</i>					
<i>Pleurosigma aestuarii</i>	0.4	16008			
<i>Pleurosigma angulatum</i>					
<i>Pleurosigma elongatum</i>					
<i>Pleurosigma normanii</i>					
<i>Pleurosigma obscurum</i>					
<i>Pleurosigma</i> sp. 1					
<i>Pleurosigma</i> sp. 2					
<i>Rhizosolenia alata</i>					
<i>Rhizosolenia delicatula</i>	0.4	940.2			0.2
<i>Rhizosolenia fragilissima</i>	1.2	14702.2			
<i>Rhizosolenia setigera</i>	9.6	30216			
<i>Rhizosolenia stotterfothii</i>					
<i>Rhizosolenia styliformis</i>					
<i>Rhoicosphenia curvata</i>					
<i>Rhopalodia gibba</i>					
<i>Schroederella delicatula</i>					
<i>Skeletonema costatum</i>	1190	74732	1250	154625	
<i>Skeletonema</i> sp.					
<i>Stephanodiscus dubius</i>					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	32	32	32	32	32
DATE	04/19/94	04/19/94	06/15/94	06/15/94	08/30/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density
<i>Stephanodiscus hantzschii</i>					
<i>Stephanodiscus</i> sp.					
<i>Stephanopyxis</i> sp.					
<i>Streptotheca tamesis</i>					
<i>Synedra delicatissima</i>					
<i>Synedra radians</i>					
<i>Synedra rumpens</i>					
<i>Synedra</i> sp. 1					
<i>Synedra</i> sp. 2					
<i>Thalassionema nitzschioides</i>					
<i>Thalassiosira decipiens</i>					
<i>Thalassiosira gravida</i>					
<i>Thalassiosira nordenskioldii</i>					
<i>Thalassiosira rotula</i>	0.2	798.5			2.4
<i>Thalassiosira subtilis</i>					
<i>Thalassiosira (fluviatilis) weissflogii</i>					
<i>Thalassiothrix frauenfeldii</i>					
<i>Thalassiothrix</i> sp.					
<i>Tropidoneis</i> sp.					
CHLOROPHYCEAE					
<i>Actinastrum hantzschii</i>					
<i>Chlamydomonas</i> sp. 1					
<i>Chlamydomonas</i> sp. 2					
<i>Chlorella marina</i>			375	24562.5	1375
<i>Chlorella salina</i>			625	5125	
<i>Chlorella</i> sp.					
<i>Chlorococcum</i> sp.					
<i>Chlorogonium</i> sp.					
<i>Choricystis</i> sp.					
<i>Coelastrum sphaericum</i>					
<i>Coelastrum</i> sp.					
<i>Eudorina elegans</i>					
<i>Franceia</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 pusillum</i>					
<i>Monoraphidium</i> sp.					
<i>Nannochloris atomus</i>	1875	7875			750
<i>Pediastrum boryanum</i>					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	32	32	32	32	32
DATE	04/19/94	04/19/94	06/15/94	06/15/94	08/30/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density

Pediastrum duplex

Planctonema sp.

Scenedesmus acuminatus

Scenedesmus ecomis

Scenedesmus intermedius

Scenedesmus opoliensis

Schroederia setigera

Spermatozopsis sp.

CHRYSTOPHYCEAE

Chromulina sp.

Chrysococcus sp.

Chrysochromulina kappa

Dinobryon divergens

Distephanus speculum

Kephyrion sp.

Mallomonas sp.

Monas sp.

Ochromonas sp.

CRYPTOPHYCEAE

<i>Chroomonas acuta</i>	250	28500	750	85500	
<i>Chroomonas amphioxeia</i>	750	282825	500	188550	1500
<i>Chroomonas pleurococca?</i>					
<i>Chroomonas salina</i>	5000	480000	1875	180000	8750
<i>Chroomonas</i> sp.					
<i>Cryptomonas marsonii</i>					
<i>Cryptomonas ovata</i>					
<i>Cryptomonas reflexa</i>					
<i>Cryptomonas rostrata</i>					
<i>Cryptomonas rostratiformis</i>					
<i>Cryptomonas</i> sp.					

CYANOPHYCEAE

Anabaena affinis

Anabaena circinalis

Anabaena flos-aquae

Anabaena sp.

Anacystis sp.

Aphanocapsa delicatissima

Chroococcus sp.

Dactylococcopsis acicularis

Dactylococcopsis fascicularis

Dactylococcopsis sp.

Lyngbya limnetica

Marssonella elegans

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	32	32	32	32	32
DATE	04/19/94	04/19/94	06/15/94	06/15/94	08/30/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density
<i>Merismopedia tenuissima</i>					
<i>Oscillatoria agardhii</i>					
<i>Oscillatoria limnetica</i>					
<i>Oscillatoria prolifica</i>					
<i>Oscillatoria</i> sp.					
<i>Phormidium</i> sp.					
<i>Synechococcus</i> sp.					
DINOPHYCEAE					
<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>	3.2	4775.3			
<i>Gonyaulax triacantha</i>					
<i>Gymnodinium</i> sp.					
<i>Gymnodinium splendens</i>					
<i>Gyrodinium spirale</i>					
<i>Heterocapsa triquetra</i>	2.4	4254.2			
<i>Katodinium rotundatum</i>					
<i>Noctiluca</i> sp.	2.8	105534.2	4.4	113787.5	1.2
<i>Oxytoxum milneri</i>					
<i>Peridinium</i> sp.					
<i>Prorocentrum aporum</i>					
<i>Prorocentrum gracile</i>					
<i>Prorocentrum micans</i>					
<i>Prorocentrum minimum</i>	1.2	1383.8			
<i>Proto-peridinium brevipes</i>					
<i>Proto-peridinium claudicans</i>	2.4	4298.9			
<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>	0.8	474.6			
<i>Trachelomonas</i> sp.					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	32	32	32	32	32
DATE	04/19/94	04/19/94	06/15/94	06/15/94	08/30/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density
PRASINOPHYCEAE					
<i>Nephroselmis pyriformis</i>					
<i>Pedinomonas</i> sp.					1875
<i>Pseudoscourfieldia marina</i>					
<i>Pyramimonas grossii</i>	1.2	1963.1			
<i>Pyramimonas micron</i>	875	34475	375	14512.5	3125
<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)			1.4	19791.5	3
TOTAL:	252227.8	25992968	250701.8	1512831.2	261484.8

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	32	32	32	33	33
DATE	08/30/94	10/26/94	10/26/94	03/09/94	03/09/94
DENSITY/VOLUME*	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>Actinopterychus senarius</i>					
<i>Amphora</i> sp.					
<i>Asterionella formosa</i>					
<i>Asterionella glacialis</i>				130	223756
<i>Bacillaria paxillifer</i>					
<i>Biddulphia alternans</i>					
<i>Biddulphia aurita</i>					
<i>Biddulphia mobiliensis</i>					
<i>Biddulphia longicruris</i> var. <i>hyalina</i>					
<i>Biddulphia pulchella</i>	4201.2	0.4	2093.4		
<i>Caloneis amphisbaena</i>					
<i>Cerataulina pelagica</i>					
<i>Chaetoceros compressus</i>					
<i>Chaetoceros costatus</i>					
<i>Chaetoceros debile</i>				52500	54787022
<i>Chaetoceros decipiens</i>					
<i>Chaetoceros didymus</i>					
<i>Chaetoceros gracilis</i>					
<i>Chaetoceros socialis</i>				8125	1117158.1
<i>Chaetoceros vistulae</i>					
<i>Chaetoceros wighami</i>					
<i>Cocconeis placentula</i>					
<i>Cocconeis scutellum</i>					
<i>Coscinodiscus concinnus</i>					
<i>Coscinodiscus curvatulus</i>	145731.1				
<i>Coscinodiscus excentricus</i>					
<i>Coscinodiscus granulatus?</i>					
<i>Coscinodiscus lineatus</i>	25446.2	0.4	120633.6		
<i>Coscinodiscus marginatus</i>		0.8	12616.3		
<i>Coscinodiscus nitidus</i>					
<i>Coscinodiscus oculus-iridis</i>					
<i>Coscinodiscus radiatus</i>	3816.9			6	61834.1
<i>Cyclotella caspia</i>					
<i>Cyclotella glomerata</i>					
<i>Cyclotella kutzingiana</i>					
<i>Cyclotella meneghiniana</i>	471225				
<i>Cyclotella pseudostelligera</i>					
<i>Cyclotella</i> sp.	5287.5				

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	32	32	32	33	33
DATE	08/30/94	10/26/94	10/26/94	03/09/94	03/09/94
DENSITY/VOLUME*	Volume	Density	Volume	Density	Volume
<i>Cyclotella stelligera</i>					
<i>Cyclotella striata</i>		312.5	28625		
<i>Cylindrotheca (Nitzschia) closterium</i>	30000	312.5	8750	125	14737.5
<i>Cymbella sinuata</i>					
<i>Diatoma vulgare</i>					
<i>Diploneis</i> sp.					
<i>Ditytum brightwellii</i>				4	2863630.8
<i>Entomoneis paludosa</i>					
<i>Eucampia zoodiacus</i>				414	10431144
<i>Fragilaria crotonensis</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>				1	38000
<i>Gyrosigma macrum?</i>					
<i>Gyrosigma spencerii</i>					
<i>Isthmia nervosa</i>					
<i>Lauderia borealis</i>					
<i>Leptocylindrus danicus</i>					
<i>Leptocylindrus minimus</i>				7000	1008577.3
<i>Lithodesmium undulatum</i>					
<i>Melosira ambigua</i>					
<i>Melosira distans</i>					
<i>Melosira granulata</i>					
<i>Melosira granulata</i> var. <i>angustissima</i>					
<i>Melosira italica</i>					
<i>Melosira lirata</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> var. <i>cincta</i>					
<i>Navicula halophila</i>					
<i>Navicula incerta</i>	12000				
<i>Navicula indifferens</i>					
<i>Navicula mutica</i> var. <i>undulata</i>					
<i>Navicula mutica</i>					
<i>Navicula notha</i>					
<i>Navicula peregrina</i>					
<i>Navicula pupula</i>					
<i>Navicula</i> sp.					
<i>Navicula subminiscula</i>					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	32	32	32	33	33
DATE	08/30/94	10/26/94	10/26/94	03/09/94	03/09/94
DENSITY/VOLUME*	Volume	Density	Volume	Density	Volume
<i>Navicula tripunctata</i>					
<i>Nitzschia acicularis</i>					
<i>Nitzschia accommodata</i>					
<i>Nitzschia agnewii</i>					
<i>Nitzschia clausii</i>					
<i>Nitzschia dissipata</i>					
<i>Nitzschia fonticola</i>					
<i>Nitzschia frustulum</i>					
<i>Nitzschia gracilis</i>					
<i>Nitzschia inconspicua</i>					
<i>Nitzschia kuetzingiana</i>					
<i>Nitzschia linearis</i>					
<i>Nitzschia longissima</i>				4	3680
<i>Nitzschia microcephala</i>					
<i>Nitzschia pacifica</i>					
<i>Nitzschia palea</i>					
<i>Nitzschia paleacea</i>					
<i>Nitzschia panduriformis</i>					
<i>Nitzschia reversa</i>					
<i>Nitzschia seriata**</i>				12	40521.6
<i>Nitzschia</i> sp. 1					
<i>Nitzschia</i> sp. 2					
<i>Nitzschia tryblionella</i> var. <i>levidensis</i>					
<i>Nitzschia vitrea</i>				4	7015.6
<i>Odontella</i> (<i>Biddulphia</i>) <i>mobiliensis</i>					
<i>Paralia sulcata</i>		7.6	8998.4	4	5023.6
<i>Pinnularia gibba</i>					
<i>Pleurosigma aestuarii</i>					
<i>Pleurosigma angulatum</i>				25	770062.5
<i>Pleurosigma elongatum</i>					
<i>Pleurosigma normanii</i>					
<i>Pleurosigma obscurum</i>					
<i>Pleurosigma</i> sp. 1					
<i>Pleurosigma</i> sp. 2					
<i>Rhizosolenia alata</i>					
<i>Rhizosolenia delicatula</i>	746.9				
<i>Rhizosolenia fragilissima</i>				6	29434.8
<i>Rhizosolenia setigera</i>				3	9442.5
<i>Rhizosolenia stouterfothii</i>					
<i>Rhizosolenia styliformis</i>				2	218665.3
<i>Rhoicosphenia curvata</i>					
<i>Rhopalodia gibba</i>					
<i>Schroederella delicatula</i>					
<i>Skeletonema costatum</i>		937.5	132187.5		
<i>Skeletonema</i> sp.					
<i>Stephanodiscus dubius</i>					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	32	32	32	33	33
DATE	08/30/94	10/26/94	10/26/94	03/09/94	03/09/94
DENSITY/VOLUME*	Volume	Density	Volume	Density	Volume
<i>Stephanodiscus hantzschii</i>					
<i>Stephanodiscus</i> sp.					
<i>Stephanopyxis</i> sp.					
<i>Streptotheca tamesis</i>					
<i>Synedra delicatissima</i>					
<i>Synedra radians</i>					
<i>Synedra rumpens</i>					
<i>Synedra</i> sp. 1					
<i>Synedra</i> sp. 2					
<i>Thalassionema nitzschioides</i>					
<i>Thalassiosira decipiens</i>		9.6	35450.5		
<i>Thalassiosira gravida</i>					
<i>Thalassiosira nordenskioldii</i>					
<i>Thalassiosira rotula</i>	2546.4				
<i>Thalassiosira subtilis</i>				38	225697.1
<i>Thalassiosira (fluviatilis) weissflogii</i>					
<i>Thalassiothrix frauenfeldii</i>					
<i>Thalassiothrix</i> sp.					
<i>Tropidoneis</i> sp.					
CHLOROPHYCEAE					
<i>Actinastrum hantzschii</i>					
<i>Chlamydomonas</i> sp. 1					
<i>Chlamydomonas</i> sp. 2					
<i>Chlorella marina</i>	46062.5	125	6800		
<i>Chlorella salina</i>					
<i>Chlorella</i> sp.					
<i>Chlorococcum</i> sp.					
<i>Chlorogonium</i> sp.					
<i>Choricystis</i> sp.					
<i>Coelastrum sphaericum</i>					
<i>Coelastrum</i> sp.					
<i>Eudorina elegans</i>					
<i>Franceia</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 pusillum</i>					
<i>Monoraphidium</i> sp.					
<i>Nannochloris atomus</i>	3150	312.5	750		
<i>Pediastrum boryanum</i>					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	32	32	32	33	33
DATE	08/30/94	10/26/94	10/26/94	03/09/94	03/09/94
DENSITY/VOLUME*	Volume	Density	Volume	Density	Volume

Pediastrum duplex

Planctonema sp.

Scenedesmus acuminatus

Scenedesmus ecomis

Scenedesmus intermedius

Scenedesmus opoliensis

Schroederia setigera

Spermatozopsis sp.

CHRYSTOPHYCEAE

Chromulina sp.

Chrysococcus sp.

Chrysochromulina kappa

Dinobryon divergens

Distephanus speculum

Kephyrion sp.

Mallomonas sp.

Monas sp.

Ochromonas sp.

CRYPTOPHYCEAE

Chroomonas acuta 1062.5 114537.5

Chroomonas amphioxeia 565650 3.6 950.4 375 141412.5

Chroomonas pleurococca?

Chroomonas salina 840000 3375 78975 125 13000

Chroomonas sp.

Cryptomonas marsonii

Cryptomonas ovata

Cryptomonas reflexa

Cryptomonas rostrata

Cryptomonas rostratiformis

Cryptomonas sp.

CYANOPHYCEAE

Anabaena affinis

Anabaena circinalis

Anabaena flos-aquae

Anabaena sp.

Anacystis sp.

Aphanocapsa delicatissima

Chroococcus sp.

Dactylococcopsis acicularis

Dactylococcopsis fascicularis

Dactylococcopsis sp.

Lyngbya limnetica

Marssoniella elegans

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	32	32	32	33	33
DATE	08/30/94	10/26/94	10/26/94	03/09/94	03/09/94
DENSITY/VOLUME*	Volume	Density	Volume	Density	Volume
<i>Merismopedia tenuissima</i>					
<i>Oscillatoria agardhii</i>					
<i>Oscillatoria limnetica</i>					
<i>Oscillatoria prolifica</i>					
<i>Oscillatoria</i> sp.					
<i>Phormidium</i> sp.					
<i>Synechococcus</i> sp.					
DINOPHYCEAE					
<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>				6	66160
<i>Gonyaulax triacantha</i>					
<i>Gymnodinium</i> sp.					
<i>Gymnodinium splendens</i>					
<i>Gyrodinium spirale</i>					
<i>Heterocapsa triquetra</i>					
<i>Katodinium rotundatum</i>		187.5	15993.8		
<i>Noctiluca</i> sp.	31033.2	0.8	21955.8		
<i>Oxytoxum milneri</i>					
<i>Peridinium</i> sp.					
<i>Prorocentrum aporum</i>					
<i>Prorocentrum gracile</i>					
<i>Prorocentrum micans</i>					
<i>Prorocentrum minimum</i>					
<i>Protoperidinium brevipes</i>					
<i>Protoperidinium claudicans</i>					
<i>Protoperidinium deficiens</i>					
<i>Protoperidinium depressum</i>					
<i>Protoperidinium pellucidum</i> ?					
<i>Protoperidinium</i> sp.					
<i>Protoperidinium spinulosum</i>					
<i>Pyrocystis</i> sp.					
EUGLENOPHYCEAE					
<i>Euglena acus</i>					
<i>Euglena</i> sp.					
<i>Eutreptia lanowii</i>		1.6	1851.7		
<i>Trachelomonas</i> sp.					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	32	32	32	33	33
DATE	08/30/94	10/26/94	10/26/94	03/09/94	03/09/94
DENSITY/VOLUME*	Volume	Density	Volume	Density	Volume
PRASINOPHYCEAE					
<i>Nephroselmis pyriformis</i>					
<i>Pedinomonas</i> sp.	7875				
<i>Pseudoscourfieldia marina</i>					
<i>Pyramimonas grossii</i>				1	1635.9
<i>Pyramimonas micron</i>	44062.5	500	16850		
<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	42410.4	2	22112.2		
TOTAL:	1.469E+09	215141.8	838121.1	309922	72318623

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	34	34	36	36	36
DATE	03/16/94	03/16/94	03/29/94	03/29/94	04/19/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density

BACILLARIOPHYCEAE

Achnanthes clevei

Achnanthes lanceolata

Achnanthes linearis

Achnanthes microcephala

Achnanthes minutissima

Achnanthes sp.

Actinoptychus senarius

0.2 1223.2

Amphora sp.

Asterionella formosa

Asterionella glacialis

430 740116 110 189332

Bacillaria paxillifer

Biddulphia alternans

Biddulphia aurita

Biddulphia mobiliensis

Biddulphia longicuris var. *hyalina*

Biddulphia pulchella

Caloneis amphisbaena

Cerataulina pelagica

Chaetoceros compressus

Chaetoceros costatus

Chaetoceros debile

72500 19530313 220 59268

Chaetoceros decipiens

Chaetoceros didymus

Chaetoceros gracilis

Chaetoceros socialis

Chaetoceros vistulae

Chaetoceros wighami

Cocconeis placentula

Cocconeis scutellum

Coscinodiscus concinnus

Coscinodiscus curvatus

1

Coscinodiscus excentricus

60 2638860 20 3813777.1

Coscinodiscus granulatus?

0.8 314.2

Coscinodiscus lineatus

Coscinodiscus marginatus

2

Coscinodiscus nitidus

Coscinodiscus oculus-iridis

Coscinodiscus radiatus

2500 3903510.1 10 618891.2

2

Cyclotella caspia

Cyclotella glomerata

Cyclotella kutzingiana

Cyclotella meneghiniana

2500 196343.8 2 1520.5

375

Cyclotella pseudostelligera

Cyclotella sp.

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	34	34	36	36	36
DATE	03/16/94	03/16/94	03/29/94	03/29/94	04/19/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density
<i>Cyclotella stelligera</i>					
<i>Cyclotella striata</i>					
<i>Cylindrotheca (Nitzschia) closterium</i>					250
<i>Cymbella sinuata</i>					
<i>Diatoma vulgare</i>					
<i>Diploneis</i> sp.					
<i>Ditylum brightwellii</i>			100	71590170	
<i>Entomoneis paludosa</i>					
<i>Eucampia zoodiacus</i>	860	21668560	1610	40565560	
<i>Fragilaria crotonensis</i>					
<i>Fragilaria pinnata</i>					
<i>Fragilaria</i> sp.					
<i>Fragilaria vaucheriae</i>					
<i>Grammatophora marina</i>					
<i>Gyrosigma balticum</i>	20	3000000			
<i>Gyrosigma fasciola</i>					
<i>Gyrosigma macrum?</i>					
<i>Gyrosigma spencerii</i>					
<i>Isthmia nervosa</i>			40	3738385	
<i>Lauderia borealis</i>					
<i>Leptocylindrus danicus</i>					
<i>Leptocylindrus minimus</i>	11250	2417266.4	10	2149	
<i>Lithodesmium undulatum</i>					
<i>Melosira ambigua</i>					
<i>Melosira distans</i>					
<i>Melosira granulata</i>					
<i>Melosira granulata</i> var. <i>angustissima</i>					
<i>Melosira italica</i>					
<i>Melosira lirata</i>					
<i>Melosira moniliformis</i>					
<i>Melosira nummuloides</i>					
<i>Melosira</i> sp.					
<i>Melosira varians</i>			50	24436.9	
<i>Navicula arenaria</i>					
<i>Navicula capitata</i>					
<i>Navicula cari</i> var. <i>cincta</i>					
<i>Navicula halophila</i>					
<i>Navicula incerta</i>					
<i>Navicula indifferens</i>					
<i>Navicula mutica</i> var. <i>undulata</i>					
<i>Navicula mutica</i>					
<i>Navicula notha</i>					
<i>Navicula peregrina</i>					
<i>Navicula pupula</i>					
<i>Navicula</i> sp.					
<i>Navicula subminiscula</i>					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	34	34	36	36	36
DATE	03/16/94	03/16/94	03/29/94	03/29/94	04/19/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density
Navicula tripunctata					
Nitzschia acicularis					
Nitzschia accommodata					
Nitzschia agnewii					
Nitzschia clausii					
Nitzschia dissipata					
Nitzschia fonticola					
Nitzschia frustulum					
Nitzschia gracilis					
Nitzschia inconspicua					
Nitzschia kuetzingiana					
Nitzschia linearis					
Nitzschia longissima					1
Nitzschia microcephala	3750	938400			
Nitzschia pacifica					
Nitzschia palea					
Nitzschia paleacea					
Nitzschia panduriformis					
Nitzschia reversa	20	18400			
Nitzschia seriata**			960	707800	
Nitzschia sp. 1					
Nitzschia sp. 2					
Nitzschia tryblionella var. levidensis					
Nitzschia vitrea					
Odontella (Biddulphia) mobiliensis					
Paralia sulcata					16
Pinnularia gibba					
Pleurosigma aestuarii					
Pleurosigma angulatum					
Pleurosigma elongatum					
Pleurosigma normanii					
Pleurosigma obscurum					
Pleurosigma sp. 1					
Pleurosigma sp. 2					
Rhizosolenia alata					
Rhizosolenia delicatula					2
Rhizosolenia fragilissima					
Rhizosolenia setigera			10	31475	1
Rhizosolenia stotterfothii					
Rhizosolenia styliformis			20	3806654	
Rhoicosphenia curvata					
Rhopalodia gibba					
Schroederella delicatula					
Skeletonema costatum			840	168924	106
Skeletonema sp.					
Stephanodiscus dubius					

*Density = cells/mL

**Volume = cubic micrometers/mL

STATION	34	34	36	36	36
DATE	03/16/94	03/16/94	03/29/94	03/29/94	04/19/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density
<i>Stephanodiscus hantzschii</i>					
<i>Stephanodiscus</i> sp.					
<i>Stephanopyxis</i> sp.					
<i>Streptotheca tamesis</i>					3
<i>Synedra delicatissima</i>					
<i>Synedra radians</i>					
<i>Synedra rumpens</i>					
<i>Synedra</i> sp. 1					
<i>Synedra</i> sp. 2					
<i>Thalassionema nitzschioides</i>					
<i>Thalassiosira decipiens</i>					
<i>Thalassiosira gravida</i>					
<i>Thalassiosira nordenskioldii</i>					
<i>Thalassiosira rotula</i>					
<i>Thalassiosira subtilis</i>	70	415779			
<i>Thalassiosira (fluviatilis) weissflogii</i>			5	68092	
<i>Thalassiothrix frauenfeldii</i>					
<i>Thalassiothrix</i> sp.					
<i>Tropidoneis</i> sp.					
CHLOROPHYCEAE					
<i>Actinastrum hantzschii</i>					
<i>Chlamydomonas</i> sp. 1					
<i>Chlamydomonas</i> sp. 2					
<i>Chlorella marina</i>					
<i>Chlorella salina</i>					
<i>Chlorella</i> sp.					
<i>Chlorococcum</i> sp.					
<i>Chlorogonium</i> sp.					
<i>Choricystis</i> sp.					
<i>Coelastrum sphaericum</i>					
<i>Coelastrum</i> sp.					
<i>Eudorina elegans</i>					
<i>Franceia</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 pusillum</i>					
<i>Monoraphidium</i> sp.					
<i>Nannochloris atomus</i>					750
<i>Pediastrum boryanum</i>					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	34	34	36	36	36
DATE	03/16/94	03/16/94	03/29/94	03/29/94	04/19/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density

Pediastrum duplex

Planctonema sp.

Scenedesmus acuminatus

Scenedesmus eornis

Scenedesmus intermedius

Scenedesmus opoliensis

Schroederia setigera

Spermatozopsis sp.

CHRYSTOPHYCEAE

Chromulina sp.

Chrysococcus sp.

Chrysochromulina kappa

Dinobryon divergens

Distephanus speculum

Kephyrion sp.

Mallomonas sp.

Monas sp.

Ochromonas sp.

CRYPTOPHYCEAE

Chroomonas acuta

625

Chroomonas amphioxeia

Chroomonas pleurococca?

Chroomonas salina

5875

Chroomonas sp.

Cryptomonas marsonii

Cryptomonas ovata

Cryptomonas reflexa

Cryptomonas rostrata

Cryptomonas rostratiformis

Cryptomonas sp.

CYANOPHYCEAE

Anabaena affinis

Anabaena circinalis

Anabaena flos-aquae

Anabaena sp.

Anacystis sp.

Aphanocapsa delicatissima

Chroococcus sp.

Dactylococcopsis acicularis

Dactylococcopsis fascicularis

Dactylococcopsis sp.

Lyngbya limnetica

Marssoniiella elegans

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	34	34	36	36	36
DATE	03/16/94	03/16/94	03/29/94	03/29/94	04/19/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density

Merismopedia tenuissima

Oscillatoria agardhii

Oscillatoria limnetica

Oscillatoria prolifica

Oscillatoria sp.

Phormidium sp.

Synechococcus sp.

DINOPHYCEAE

Ceratium minutum

Dinophysis fortii

Dinophysis sp.

Exuviella sp.

Glenodinium sp.

Gonyaulax catenella?

Gonyaulax sp.

Gonyaulax tamarensis

Gonyaulax triacantha

Gymnodinium sp.

Gymnodinium splendens

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

Trachelomonas sp.

3

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	34	34	36	36	36
DATE	03/16/94	03/16/94	03/29/94	03/29/94	04/19/94
DENSITY/VOLUME*	Density	Volume	Density	Volume	Density
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)					2
TOTAL:	335027	55708615	245178	125629142	249331

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	36	36	36	36	36
DATE	04/19/94	04/19/94	04/19/94	08/30/94	08/30/94
DENSITY/VOLUME*	Volume	Density	Volume	Density	Volume

BACILLARIOPHYCEAE

Achnanthes clevei

Achnanthes lanceolata

Achnanthes linearis

Achnanthes microcephala

Achnanthes minutissima

Achnanthes sp.

Actinoptychus senarius

Amphora sp.

Asterionella formosa

Asterionella glacialis

Bacillaria paxillifer

Biddulphia alternans

Biddulphia aurita

Biddulphia mobiliensis

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 curvatulus 43981 4 63081.6

Coscinodiscus excentricus

Coscinodiscus granulatus?

Coscinodiscus lineatus 1.5 1339282

Coscinodiscus marginatus 7539.6

Coscinodiscus nitidus

Coscinodiscus oculus-iridis

Coscinodiscus radiatus 12463.9 6 20427.6

Cyclotella caspia

Cyclotella glomerata 1875 51069

Cyclotella kutzingiana

Cyclotella meneghiniana 72156.3 4 84.8

Cyclotella pseudostelligera

Cyclotella sp.

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	36	o meters 3	o meters 3	36	36
DATE	04/19/94	04/19/94	04/19/94	08/30/94	08/30/94
DENSITY/VOLUME*	Volume	Density	Volume	Density	Volume
Cyclotella stelligera					
Cyclotella striata					
Cylindrotheca (Nitzschia) closterium	50000				
Cymbella sinuata					
Diatoma vulgare					
Diploneis sp.					
Ditylum brightwellii					
Entomoneis paludosa					
Eucampia zoodiacus					
Fragilaria crotonensis					
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 ambigua					
Melosira distans					
Melosira granulata					
Melosira granulata var. angustissima					
Melosira italica					
Melosira lirata					
Melosira moniliformis					
Melosira nummuloides					
Melosira sp.					
Melosira varians					
Navicula arenaria					
Navicula capitata					
Navicula cari var. cincta					
Navicula halophila					
Navicula incerta					
Navicula indifferens					
Navicula mutica var. undulata					
Navicula mutica					
Navicula notha					
Navicula peregrina					
Navicula pupula					
Navicula sp.					
Navicula subminiscula					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	36	0 meters 3	0 meters 3	36	36
DATE	04/19/94	04/19/94	04/19/94	08/30/94	08/30/94
DENSITY/VOLUME*	Volume	Density	Volume	Density	Volume
<i>Navicula tripunctata</i>					
<i>Nitzschia acicularis</i>					
<i>Nitzschia accommodata</i>					
<i>Nitzschia agnewii</i>					
<i>Nitzschia clausii</i>					
<i>Nitzschia dissipata</i>					
<i>Nitzschia fonticola</i>					
<i>Nitzschia frustulum</i>					
<i>Nitzschia gracilis</i>					
<i>Nitzschia inconspicua</i>					
<i>Nitzschia kuetzingiana</i>		1875	494700		
<i>Nitzschia linearis</i>					
<i>Nitzschia longissima</i>	2125				
<i>Nitzschia microcephala</i>					
<i>Nitzschia pacifica</i>					
<i>Nitzschia palea</i>					
<i>Nitzschia paleacea</i>					
<i>Nitzschia panduriformis</i>					
<i>Nitzschia reversa</i>					
<i>Nitzschia seriata**</i>					
<i>Nitzschia</i> sp. 1					
<i>Nitzschia</i> sp. 2					
<i>Nitzschia tryblionella</i> var. <i>levidensis</i>					
<i>Nitzschia vitrea</i>					
<i>Odontella</i> (<i>Biddulphia</i>) <i>mobiliensis</i>					
<i>Paralia sulcata</i>	9659.2				
<i>Pinnularia gibba</i>					
<i>Pleurosigma aestuarii</i>					
<i>Pleurosigma angulatum</i>					
<i>Pleurosigma elongatum</i>					
<i>Pleurosigma normanii</i>					
<i>Pleurosigma obscurum</i>					
<i>Pleurosigma</i> sp. 1					
<i>Pleurosigma</i> sp. 2					
<i>Rhizosolenia alata</i>					
<i>Rhizosolenia delicatula</i>	4700.8				
<i>Rhizosolenia fragilissima</i>					
<i>Rhizosolenia setigera</i>	3147.5				
<i>Rhizosolenia stouterfothii</i>					
<i>Rhizosolenia styliiformis</i>					
<i>Rhoicosphenia curvata</i>					
<i>Rhopalodia gibba</i>					
<i>Schroederella delicatula</i>					
<i>Skeletonema costatum</i>	6656.8				
<i>Skeletonema</i> sp.					
<i>Stephanodiscus dubius</i>					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	36	o meters 3	o meters 3	36	36
DATE	04/19/94	04/19/94	04/19/94	08/30/94	08/30/94
DENSITY/VOLUME*	Volume	Density	Volume	Density	Volume
<i>Stephanodiscus hantzschii</i>					
<i>Stephanodiscus</i> sp.					
<i>Stephanopyxis</i> sp.					
<i>Streptotheca tamesis</i>	209520				
<i>Synedra delicatissima</i>					
<i>Synedra radians</i>					
<i>Synedra rumpens</i>					
<i>Synedra</i> sp. 1					
<i>Synedra</i> sp. 2					
<i>Thalassionema nitzschioides</i>					
<i>Thalassiosira decipiens</i>					
<i>Thalassiosira gravida</i>					
<i>Thalassiosira nordenskioldii</i>					
<i>Thalassiosira rotula</i>					
<i>Thalassiosira subtilis</i>					
<i>Thalassiosira</i> (fluviatilis) <i>weissflogii</i>					
<i>Thalassiothrix frauenfeldii</i>					
<i>Thalassiothrix</i> sp.					
<i>Tropidoneis</i> sp.					
CHLOROPHYCEAE					
<i>Actinastrum hantzschii</i>					
<i>Chlamydomonas</i> sp. 1					
<i>Chlamydomonas</i> sp. 2					
<i>Chlorella marina</i>					
<i>Chlorella salina</i>		62.5	19323.2		
<i>Chlorella</i> sp.					
<i>Chlorococcum</i> sp.					
<i>Chlorogonium</i> sp.					
<i>Choricystis</i> sp.					
<i>Coelastrum sphaericum</i>					
<i>Coelastrum</i> sp.					
<i>Eudorina elegans</i>					
<i>Franceia</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 pusillum</i>					
<i>Monoraphidium</i> sp.					
<i>Nannochloris atomus</i>	3150	1875	3375	2625	9225
<i>Pediastrum boryanum</i>					

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	36	0 meters 3	0 meters 3	36	36
DATE	04/19/94	04/19/94	04/19/94	08/30/94	08/30/94
DENSITY/VOLUME*	Volume	Density	Volume	Density	Volume

Pediastrum duplex

Planctonema sp.

Scenedesmus acuminatus

Scenedesmus ecomis

Scenedesmus intermedius

Scenedesmus opoliensis

Schroederia setigera

Spermatozopsis sp.

CHRYSOPHYCEAE

Chromulina sp.

Chrysococcus sp.

Chrysochromulina kappa

Dinobryon divergens

Distephanus speculum

Kephyrion sp.

Mallomonas sp.

Monas sp.

Ochromonas sp.

CRYPTOPHYCEAE

<i>Chroomonas acuta</i>	71252			625	71250
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<i>Chroomonas amphioxeia</i>				1750	659925
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Chroomonas pleurococca?

<i>Chroomonas salina</i>	564000	2500	240000	19250	1848000
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Chroomonas sp.

Cryptomonas marsonii

Cryptomonas ovata

Cryptomonas reflexa

Cryptomonas rostrata

Cryptomonas rostratiformis

Cryptomonas sp.

CYANOPHYCEAE

Anabaena affinis

Anabaena circinalis

Anabaena flos-aquae

Anabaena sp.

Anacystis sp.

Aphanocapsa delicatissima

Chroococcus sp.

Dactylococcopsis acicularis

Dactylococcopsis fascicularis

Dactylococcopsis sp.

Lyngbya limnetica

Marssoniella elegans

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	36	o meters 3	o meters 3	36	36
DATE	04/19/94	04/19/94	04/19/94	08/30/94	08/30/94
DENSITY/VOLUME*	Volume	Density	Volume	Density	Volume

Merismopedia tenuissima

Oscillatoria agardhii

Oscillatoria limnetica

Oscillatoria prolifica

Oscillatoria sp.

Phormidium sp.

Synechococcus sp.

DINOPHYCEAE

Ceratium minutum

Dinophysis fortii

Dinophysis sp.

Exuviella sp.

Glenodinium sp.

Gonyaulax catenella?

Gonyaulax sp.

Gonyaulax tamarensis 4476.9

Gonyaulax triacantha

Gymnodinium sp.

Gymnodinium splendens

Gyrodinium spirale

Heterocapsa triquetra

Katodinium rotundatum

Noctiluca sp.

Oxytoxum milneri

Peridinium sp.

Prorocentrum aporum

Prorocentrum gracile

Prorocentrum micans

Prorocentrum minimum

Protoberidinium brevipes

Protoberidinium claudicans

Protoberidinium deficiens

Protoberidinium depressum

Protoberidinium pellucidum?

Protoberidinium sp.

Protoberidinium spinulosum

Pyrocystis sp.

EUGLENOPHYCEAE

Euglena acus

Euglena sp.

Eutreptia lanowii

0.5 296.7

Trachelomonas sp.

*Density = cells/mL

*Volume = cubic micrometers/mL

STATION	36	0 meters 3	0 meters 3	36	36
DATE	04/19/94	04/19/94	04/19/94	08/30/94	08/30/94
DENSITY/VOLUME*	Volume	Density	Volume	Density	Volume
PRASINOPHYCEAE					
<i>Nephroselmis pyriformis</i>					
<i>Pedinomonas</i> sp.					
<i>Pseudoscurfieldia marina</i>					
<i>Pyramimonas grossii</i>					
<i>Pyramimonas micron</i>				1000	28700
<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)	28273.6			6.5	91889.2
TOTAL:	1334419.6	249288.5	1049568.2	267520.5	4374409.9

*Density = cells/mL

*Volume = cubic micrometers/mL