

PLANKTON STUDIES IN SAN FRANCISCO BAY, CALIFORNIA. XIII.

CHLOROPHYLL DISTRIBUTIONS AND HYDROGRAPHIC PROPERTIES

OF SAN FRANCISCO BAY, 1991

By Sally M. Wienke, Brian E. Cole, James E. Cloern, and Andrea E. Alpine.

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CONVERSION FACTORS

<u>Multiply</u>	<u>By</u>	<u>To Obtain</u>
meter (m)	3.28	foot (ft)
nanometer (nm)	3.94×10^{-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

Water samples were collected in the San Francisco Bay estuary during 22 cruises from January through December, 1991. Conductivity, temperature, light attenuation (turbidity), and *in-vivo* fluorescence were measured longitudinally and vertically in the main channel of the estuary from near 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* and phaeophytin. Water density was calculated from values for salinity, temperature, and pressure (depth), and is included in the data summaries.

INTRODUCTION

The data presented in this report summarize the results of surveys of water properties in North and South San Francisco Bay during 1991. Samples were collected throughout San Francisco Bay monthly (from January through December, except for September). During March and April, when a phytoplankton bloom was expected, the frequency of sampling cruises was increased. Sampling sites are shown in figure 1 and their locations are identified in table 1. A Sea-Bird Electronics¹ conductivity-temperature-depth system, Sea Tech *in-situ* fluorometer, and LiCor quantum sensor were used to measure conductivity (salinity), temperature, chlorophyll fluorescence, and ambient light levels over the water depth at each station. Discrete chlorophyll *a* samples were collected at selected sites to calibrate the fluorometer on each sampling date.

¹The use of brand names in this report is for identification purposes only and does not constitute endorsement by the U.S. Geological Survey.

METHODS

Sampling System

Samples were collected from the R/V *Polaris* with a high speed underwater 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 was an SBE-4 conductivity meter, and SBE-3 temperature probe, a Paroscientific digiquartz pressure transducer, a Sea Tech in-vivo fluorometer, and a LiCor Instruments underwater light sensor. With this instrument package, semi-continuous measurements of conductivity, temperature, depth (pressure), chlorophyll fluorescence, and visible light were measured throughout the water column.

The data from the conductivity, temperature, pressure, fluorescence, and light sensors were digitized in the underwater unit (SBE-9) at 24 scans per second. The data were transmitted to a deck unit through a single-conductor armored cable. The instrument package was lowered through the water at about 0.5 meters per second, resulting in a vertical sampling interval of about 2 cm. The data were displayed and stored on a shipboard microcomputer. To conserve space in this report, the data presented in each summary are averages of about 50 data points collected over 1 meter intervals. For example, the one-meter value is an average of data points from 0.5 to 1.5 meters.

The conductivity meter is a 2-terminal, 3-electrode (platinum), flow-through sensor. This sensor is accurate within 0.003 Siemens per meter and has a resolution of 5×10^{-5} Siemens per meter. Temperature (TEMP) was measured with a Wien Bridge type resistance thermistor. This sensor is accurate to ± 0.006 °C per year and has a resolution of 0.0005 °C. The conductivity and temperature probes are recalibrated annually at the National Oceanic and Atmospheric

Administration's Northwest Regional Calibration Center, 300 120th Ave. N.E., Bellevue, WA 98005. Values for salinity (SALIN) were calculated from conductivity and temperature using the algorithm supplied with the Sea-Bird Electronics software. This algorithm is based on the equations of Millero et al. (1981) and Millero and Poisson (1981). A measure of water density, sigma-t (SIGMT), derived from values for salinity, temperature, and pressure, was also calculated from the Sea-Bird software package. Calculations of sigma-t are based on the algorithms for computing seawater density as defined by Fofonoff and Millard (1983). Sampling depths (DEPTH), as derived from changes in pressure measured by a Paroscientific digiquartz transducer, are accurate within 0.01 meter. Chlorophyll fluorescence was measured with a Sea Tech submersible pulsed-light fluorometer, which has a flash rate of 5 times per second. Because the sampling rate of the fluorometer was about 1/5 that of the Sea-Bird underwater unit (5 times per second as compared with 24 times per second), the fluorescence data we report are 3-m running averages of the measured values in order to correct for differences in the sampling frequencies. Hence the vertical resolution of chlorophyll fluorescence reported here is ≥ 3 m. Ambient light was measured with a LiCor 192S quantum sensor sensitive to photosynthetically active radiation (400-700 nm). The extinction coefficient (EXCOF) was calculated by the least-squares regression of measured values of irradiance (I_z) at depth (z) to the equation: $EXCOF = \ln(I_0/I_z)/Z$, where I_0 is irradiance at the water surface.

Discrete Analyses

At selected stations discrete water samples for chlorophyll *a* and phaeopigments were collected 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 located at the bow of the ship. 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 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 read 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.

Estimates of chlorophyll *a* (CALC CHL *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 fluorescence values ($\text{CALC CHL } a = A + B \times \text{FLUOR}$). If calculated chlorophyll *a* was \leq zero, the result was not printed. Regression coefficients are presented at the end of each daily data summary. The coefficient of determination (r^2) indicates how well the discrete chlorophyll *a* and fluorescence data were linearly related. 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 negative 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 (CHLa/*a*+PHA) is an estimate of the proportion of active chlorophyll *a* to total concentration of pigments including chlorophyll degradation products.

REFERENCES

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- Riemann, B., 1978, Carotenoid interference in spectrophotometric determination of chlorophyll degradation products from natural populations of phytoplankton: Limnology and Oceanography, v. 23(5), p. 1059-1066.

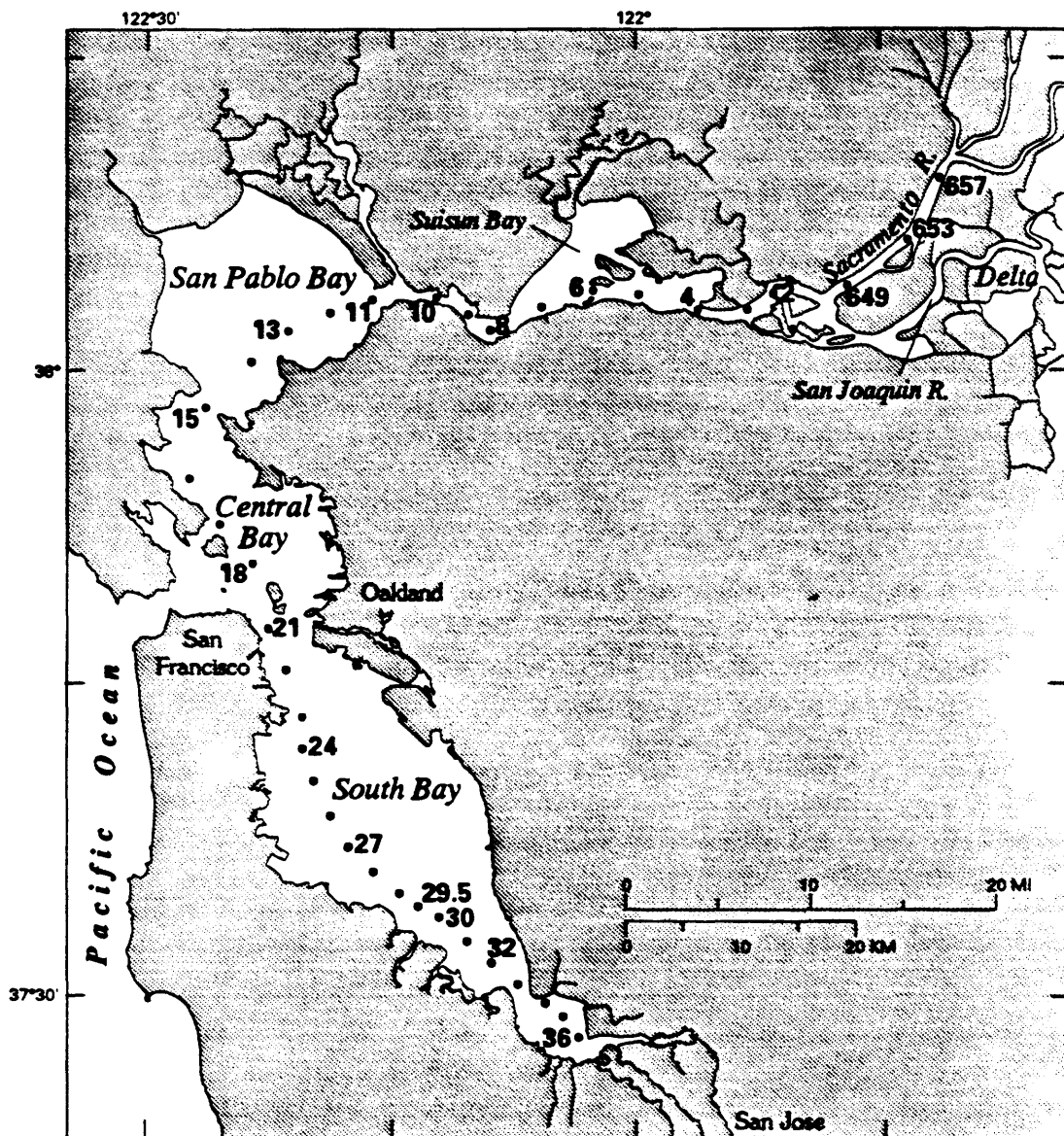


Figure 1. Map of San Francisco Bay estuary showing locations of water sampling stations.

TABLE 1. SAN FRANCISCO BAY STATIONS

<u>Station Number</u>	<u>Name</u>	<u>N. Latitude</u>	<u>W. Longitude</u>
657	Rio Vista	38° 8.9'	121° 41.3'
655	N. of Three Mile Slough	7.3'	42.1'
653	Mid-Decker Island	6.3'	43.2'
649	Sacramento River #10	3.7'	48.0'
2	Chain Island	3.8'	51.3'
3	Pittsburg	3.0'	52.7'
4	Simmons Point	2.9'	56.1'
5	Middle Ground	3.6'	58.8'
6	Roe Island	3.9'	122° 2.1'
7	Avon Pier	2.9'	5.8'
8	Martinez	1.8'	9.1'
9	Benicia	3.0'	10.4'
10	Crockett	3.6'	12.5'
11	Mare Island	3.7'	15.8'
13	N. of Pinole Point	1.9'	21.9'
15	Point San Pablo	37° 58.2'	26.2'
17	Central Bay Deep	50.8'	24.7'
18	Point Blunt	50.7'	25.1'
21	Bay Bridge	48.0'	22.2'
22	Potrero Point	45.7'	21.5'
23	Hunters Point	43.6'	20.2'

TABLE 1. (continued) SAN FRANCISCO BAY STATIONS

<u>Station Number</u>	<u>Name</u>	<u>N. Latitude</u>	<u>W. Longitude</u>
24	Candlestick Point	37° 42.0'	122° 20.3'
25	Oyster Point	40.3'	19.5'
26	San Bruno Shoal	38.2'	19.0'
27	San Francisco Airport	37.1'	17.5'
28	N. of San Mateo Bridge	36.0'	16.2'
29	S. of San Mateo Bridge	34.9'	14.8'
30	Redwood Creek	33.3'	11.5'
31	Coyote Hills	31.8'	9.4'
32	Ravenswood Point	31.1'	8.1'
33	Dumbarton Bridge	30.5'	7.3'
34	Newark Slough	29.7'	5.4'
35	Mowry Slough	28.8'	4.7'
36	Calaveras Point	28.3'	4.0'

TABLE 2. TABLE OF UNITS

<u>Variable (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 <i>a</i> (DISCR CHL <i>a</i>)	$\mu\text{g/L}$
fluorescence (FLUOR)	volts
calculated chlorophyll <i>a</i> (CALC CHL <i>a</i>)	$\mu\text{g/L}$
extinction coefficient (EXCOF)	per meter
salinity (SALIN)	salinity units practical salinity scale, 1978
temperature (TEMP)	degree Celsius
sigma-theta (SIGMT)	kg per cubic meter
proportion of calculated chlorophyll <i>a</i> to measured pigments and degradation products (CHLa/ <i>a</i> +PHA)	fraction

APPENDIX: Data Summaries

(see Table 2 for explanation of abbreviations)

LOCATION: North San Francisco Bay
 DATE: January 7, 1991
 JULIAN DAY: 91007

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
657.0	1734	1.0			0.58	4.0		0.1	5.3	0.1
657.0	1734	2.0			0.58	4.0		0.1	5.3	0.0
657.0	1734	3.0			0.58	4.0		0.1	5.3	0.0
657.0	1734	4.0			0.59	4.2		0.1	5.3	0.0
657.0	1734	5.0			0.59	4.1		0.1	5.3	0.1
657.0	1734	6.0			0.60	4.3		0.1	5.3	0.1
657.0	1734	7.0			0.60	4.4		0.1	5.3	0.1
657.0	1734	8.0			0.61	4.5		0.1	5.3	0.1
657.0	1734	9.0			0.61	4.4		0.1	5.3	0.1
653.0	1705	1.0	3.3	0.72	0.52	3.0		0.4	5.1	0.3
653.0	1705	2.0			0.52	3.0		0.4	5.1	0.3
653.0	1705	3.0			0.52	3.0		0.4	5.1	0.3
653.0	1705	4.0			0.52	3.1		0.4	5.2	0.3
653.0	1705	5.0			0.53	3.2		0.4	5.2	0.3
653.0	1705	6.0			0.53	3.2		0.4	5.2	0.3
653.0	1705	7.0			0.54	3.3		0.4	5.2	0.3
653.0	1705	8.0	3.9	0.66	0.53	3.2		0.4	5.3	0.3
649.0	1635	1.0	1.7	0.47	0.43	1.6	2.5	1.7	5.6	1.3
649.0	1635	2.0			0.43	1.6		1.7	5.7	1.3
649.0	1635	3.0			0.43	1.5		1.7	5.7	1.3
649.0	1635	4.0			0.42	1.4		1.7	5.8	1.3
649.0	1635	5.0			0.41	1.3		1.7	5.9	1.3
649.0	1635	6.0			0.41	1.2		1.8	5.9	1.3
649.0	1635	7.0			0.40	1.1		1.8	6.0	1.4
649.0	1635	8.0			0.39	1.0		1.8	6.1	1.4
649.0	1635	9.0			0.39	0.9		1.8	6.2	1.4
649.0	1635	10.0			0.38	0.8		1.8	6.2	1.4
2.0	1610	1.0	0.8	0.42	0.36	0.5	1.9	3.2	6.2	2.5
2.0	1610	2.0			0.36	0.5		3.4	6.2	2.6
2.0	1610	3.0			0.36	0.5		3.6	6.2	2.8
2.0	1610	4.0			0.36	0.4		3.8	6.3	3.0
2.0	1610	5.0			0.36	0.5		4.0	6.3	3.1
2.0	1610	6.0			0.36	0.4		4.0	6.3	3.1
2.0	1610	7.0			0.36	0.4		4.2	6.4	3.3
2.0	1610	8.0			0.36	0.4		4.4	6.4	3.4
2.0	1610	9.0			0.36	0.4		4.7	6.4	3.6
2.0	1610	10.0			0.35	0.3		5.1	6.4	4.0
3.0	1543	1.0	0.5	0.22	0.35	0.2	2.4	4.3	6.3	3.3
3.0	1543	2.0			0.35	0.2		4.4	6.3	3.4
3.0	1543	3.0			0.35	0.2		4.5	6.3	3.5
3.0	1543	4.0			0.35	0.3		4.5	6.3	3.5
3.0	1543	5.0			0.35	0.3		4.5	6.3	3.5
3.0	1543	6.0			0.35	0.3		4.6	6.3	3.6
3.0	1543	7.0			0.35	0.3		4.8	6.4	3.8
3.0	1543	8.0			0.35	0.3		5.0	6.4	3.9
3.0	1543	9.0			0.35	0.3		5.0	6.4	3.9
3.0	1543	10.0			0.34	0.2		5.1	6.4	4.0
3.0	1543	11.0			0.33			5.1	6.4	4.0
4.0	1454	1.0	0.3	0.16	0.34	0.1	3.6	7.4	6.4	5.8
4.0	1454	2.0			0.34	0.1		7.5	6.4	5.8
4.0	1454	3.0			0.34	0.1		7.5	6.3	5.9
4.0	1454	4.0			0.34	0.2		7.5	6.3	5.9
4.0	1454	5.0			0.34	0.2		7.5	6.3	5.9
4.0	1454	6.0			0.35	0.2		7.5	6.3	5.9
4.0	1454	7.0			0.35	0.2		7.5	6.3	5.9
4.0	1454	8.0			0.35	0.3		7.6	6.3	5.9
4.0	1454	9.0			0.35	0.3		7.6	6.3	5.9
4.0	1454	10.0			0.34	0.2		7.6	6.3	6.0
4.0	1454	11.0			0.33			7.6	6.3	6.0

LOCATION: North San Francisco Bay
 DATE: January 7, 1991
 JULIAN DAY: 91007

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT		
5.0	1433	1.0	0.5	0.21	0.35	0.2	3.2	8.4	6.4	6.6		
5.0	1433	2.0			0.35	0.2		8.5	6.4	6.6		
5.0	1433	3.0			0.35	0.3		8.5	6.4	6.7		
5.0	1433	4.0			0.35	0.3		8.6	6.4	6.7		
5.0	1433	5.0			0.35	0.3		8.6	6.4	6.7		
5.0	1433	6.0			0.36	0.4		8.7	6.4	6.8		
5.0	1433	7.0			0.36	0.4		8.8	6.4	6.9		
5.0	1433	8.0			0.36	0.4		8.8	6.4	6.9		
5.0	1433	9.0			0.36	0.4		9.2	6.3	7.2		
5.0	1433	10.0			0.35	0.3		11.0	6.3	8.6		
5.0	1433	11.0			0.34	0.1	11.6	6.3	9.1			
6.0	1408	1.0	0.1	0.04	0.35	0.2	3.9	11.0	6.4	8.6		
6.0	1408	2.0			0.35	0.2		11.1	6.4	8.7		
6.0	1408	3.0			0.35	0.3		11.2	6.3	8.8		
6.0	1408	4.0			0.35	0.3		11.3	6.3	8.8		
6.0	1408	5.0			0.35	0.3		11.3	6.3	8.8		
6.0	1408	6.0			0.35	0.3		11.6	6.3	9.1		
6.0	1408	7.0			0.36	0.4		11.7	6.3	9.2		
6.0	1408	8.0			0.36	0.4		11.8	6.3	9.3		
			0.0	0.00								
7.0	1325	1.0	0.6	0.21	0.36	0.5	4.1	14.9	6.4	11.7		
7.0	1325	2.0			0.36	0.5		15.0	6.4	11.8		
7.0	1325	3.0			0.37	0.5		15.0	6.4	11.8		
7.0	1325	4.0			0.36	0.5		15.1	6.3	11.8		
7.0	1325	5.0			0.37	0.5		15.1	6.3	11.8		
7.0	1325	6.0			0.37	0.6		15.1	6.3	11.8		
7.0	1325	7.0			0.37	0.6		15.1	6.3	11.8		
7.0	1325	8.0			0.37	0.6		15.4	6.3	12.1		
7.0	1325	9.0			0.37	0.7		15.7	6.3	12.3		
7.0	1325	10.0			0.38	0.8		16.1	6.4	12.6		
7.0	1325	11.0			0.36	0.5		16.1	6.4	12.6		
7.0	1325	12.0			0.37	0.6		16.3	6.4	12.8		
8.0	1205	1.0			0.4	0.15		0.36	0.5	3.5	17.5	6.5
8.0	1205	2.0	0.36	0.5			17.7	6.5	13.9			
8.0	1205	3.0	0.36	0.5			17.8	6.5	13.9			
8.0	1205	4.0	0.37	0.6			17.9	6.5	14.1			
8.0	1205	5.0	0.37	0.6			18.5	6.5	14.5			
8.0	1205	6.0	0.38	0.8			18.9	6.5	14.8			
8.0	1205	7.0	0.39	0.9			19.4	6.6	15.2			
8.0	1205	8.0	0.40	1.1			20.1	6.6	15.8			
8.0	1205	9.0	0.40	1.2			20.4	6.6	16.0			
8.0	1205	10.0	0.41	1.2			20.6	6.6	16.1			
8.0	1205	11.0	0.40	1.1			20.7	6.6	16.2			
8.0	1205	12.0	0.40	1.1			20.7	6.6	16.2			
8.0	1205	13.0	0.40	1.1			20.7	6.6	16.2			
8.0	1205	14.0	1.2	0.19			0.40	1.1	20.6		6.6	16.2
9.0	1138	1.0					0.40	1.1	4.1		21.1	6.7
9.0	1138	2.0			0.40	1.1	21.2	6.7		16.6		
9.0	1138	3.0			0.40	1.1	21.3	6.7		16.7		
9.0	1138	4.0			0.40	1.2	21.3	6.7		16.7		
9.0	1138	5.0			0.41	1.2	21.3	6.7		16.7		
9.0	1138	6.0			0.41	1.2	21.3	6.8		16.7		
9.0	1138	7.0			0.41	1.2	21.4	6.8		16.7		
9.0	1138	8.0			0.42	1.4	21.4	6.8		16.8		
9.0	1138	9.0			0.42	1.4	21.4	6.8		16.7		
9.0	1138	10.0			0.42	1.4	21.4	6.8		16.8		
9.0	1138	11.0			0.41	1.3	21.9	6.8		17.2		
9.0	1138	12.0			0.41	1.3	22.2	6.8		17.4		
9.0	1138	13.0			0.41	1.2	22.3	6.8		17.4		
9.0	1138	14.0			0.41	1.2	22.3	6.8		17.4		

LOCATION: North San Francisco Bay
 DATE: January 7, 1991
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STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
9.0	1138	15.0			0.40	1.2		22.3	6.8	17.5
9.0	1138	16.0			0.40	1.1		22.3	6.8	17.5
9.0	1138	17.0			0.40	1.1		22.4	6.8	17.5
10.0	1125	1.0	0.8	0.18	0.42	1.4	4.3	22.6	6.8	17.7
10.0	1125	2.0			0.42	1.4		22.6	6.8	17.7
10.0	1125	3.0			0.42	1.4		22.7	6.8	17.7
10.0	1125	4.0			0.43	1.6		22.7	6.9	17.8
10.0	1125	5.0			0.43	1.6		22.8	6.9	17.8
10.0	1125	6.0			0.43	1.6		22.9	6.9	17.9
10.0	1125	7.0			0.44	1.8		23.2	6.9	18.2
10.0	1125	8.0			0.45	1.9		23.7	7.0	18.5
10.0	1125	9.0			0.46	2.0		24.1	7.0	18.8
10.0	1125	10.0			0.46	2.0		24.2	7.0	18.9
10.0	1125	11.0			0.46	2.0		24.2	7.0	18.9
10.0	1125	12.0			0.45	1.9		24.3	7.0	19.0
10.0	1125	13.0			0.46	2.0		24.5	7.0	19.2
10.0	1125	14.0			0.47	2.2		24.5	7.0	19.2
10.0	1125	15.0			0.48	2.3		24.6	7.0	19.2
10.0	1125	16.0			0.48	2.4		24.6	7.0	19.2
10.0	1125	17.0	1.4	0.19	0.49	2.5		24.6	7.0	19.2
11.0	1102	1.0	1.3	0.34	0.42	1.3	3.5	23.8	7.0	18.6
11.0	1102	2.0			0.42	1.3		23.8	7.0	18.6
11.0	1102	3.0			0.41	1.3		23.9	7.0	18.7
11.0	1102	4.0			0.42	1.4		23.9	7.0	18.7
11.0	1102	5.0			0.43	1.5		24.2	7.0	19.0
11.0	1102	6.0			0.45	1.9		25.6	7.2	20.0
11.0	1102	7.0			0.46	2.1		25.8	7.2	20.2
11.0	1102	8.0			0.47	2.3		25.9	7.2	20.2
11.0	1102	9.0			0.48	2.4		25.9	7.2	20.3
11.0	1102	10.0			0.49	2.5		25.9	7.2	20.3
11.0	1102	11.0			0.49	2.5		26.0	7.2	20.3
11.0	1102	12.0			0.49	2.6		26.0	7.2	20.3
13.0	955	1.0	1.0	0.43	0.39	1.0	1.9	23.5	7.0	18.4
13.0	955	2.0			0.39	1.0		25.1	7.2	19.6
13.0	955	3.0			0.39	1.0		26.2	7.3	20.4
13.0	955	4.0			0.40	1.1		26.3	7.4	20.5
13.0	955	5.0			0.41	1.2		26.6	7.4	20.8
13.0	955	6.0			0.42	1.4		26.9	7.5	21.0
13.0	955	7.0			0.44	1.7		27.2	7.5	21.2
13.0	955	8.0			0.45	2.0		27.7	7.5	21.6
13.0	955	9.0			0.47	2.2		27.9	7.5	21.7
13.0	955	10.0			0.48	2.4		27.8	7.5	21.7
15.0	916	1.0			0.47	2.2	1.4	29.2	7.8	22.7
15.0	916	2.0			0.47	2.2		29.2	7.9	22.7
15.0	916	3.0			0.47	2.2		29.2	7.9	22.7
15.0	916	4.0			0.47	2.2		29.3	7.9	22.8
15.0	916	5.0			0.47	2.2		29.3	7.9	22.8
15.0	916	6.0			0.47	2.2		29.3	7.9	22.8
15.0	916	7.0			0.47	2.2		29.3	7.9	22.8
15.0	916	8.0			0.49	2.5		29.3	7.9	22.9
15.0	916	9.0			0.49	2.5		29.4	7.9	22.9
15.0	916	10.0			0.49	2.6		29.4	7.9	22.9
15.0	916	11.0			0.49	2.5		29.4	7.9	22.9
15.0	916	12.0			0.48	2.5		29.4	7.9	22.9
15.0	916	13.0			0.48	2.4		29.4	7.9	22.9
15.0	916	14.0			0.49	2.5		29.4	7.9	22.9
15.0	916	15.0			0.49	2.5		29.4	7.9	22.9
15.0	916	16.0			0.49	2.5		29.4	7.9	22.9
15.0	916	17.0			0.49	2.5		29.5	7.9	23.0
15.0	916	18.0			0.49	2.5		29.6	8.0	23.1

LOCATION: North San Francisco Bay
 DATE: January 7, 1991
 JULIAN DAY: 91007

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
15.0	916	19.0			0.48	2.4		29.7	8.0	23.1
15.0	916	20.0			0.48	2.4		29.8	8.0	23.2
15.0	916	21.0			0.48	2.4		30.0	8.1	23.3
15.0	916	22.0			0.47	2.2		30.1	8.1	23.4
15.0	916	23.0			0.48	2.4		30.1	8.1	23.4

Fluorometer Calibration:	n	r ²	A	B	Syx
	16	0.85	-5.4	16.23	0.4

LOCATION: South San Francisco Bay
 DATE: January 8, 1991
 JULIAN DAY: 91008

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
32.0	1610	1.0	1.4	0.36	0.47	1.6	2.8	29.9	7.5	23.3
32.0	1610	2.0			0.47	1.6		29.9	7.4	23.4
32.0	1610	3.0			0.47	1.6		29.9	7.4	23.4
32.0	1610	4.0			0.48	1.6		30.0	7.4	23.5
32.0	1610	5.0			0.49	1.6		30.2	7.3	23.6
32.0	1610	6.0			0.50	1.6		30.2	7.3	23.6
32.0	1610	7.0	1.6	0.20	0.52	1.6		30.3	7.3	23.7
31.0	1558	1.0			0.46	1.6	2.0	30.0	7.4	23.4
31.0	1558	2.0			0.46	1.6		30.1	7.3	23.6
31.0	1558	3.0			0.46	1.6		30.2	7.3	23.6
31.0	1558	4.0			0.46	1.6		30.3	7.3	23.7
31.0	1558	5.0			0.47	1.6		30.3	7.3	23.7
31.0	1558	6.0			0.48	1.6		30.3	7.3	23.7
31.0	1558	7.0			0.48	1.6		30.3	7.3	23.7
31.0	1558	8.0			0.49	1.6		30.4	7.3	23.7
31.0	1558	9.0			0.49	1.6		30.4	7.4	23.8
31.0	1558	10.0			0.49	1.6		30.4	7.4	23.8
31.0	1558	11.0			0.49	1.6		30.5	7.4	23.8
31.0	1558	12.0			0.52	1.6		30.5	7.4	23.8
31.0	1558	13.0			0.54	1.6		30.5	7.4	23.8
30.0	1543	1.0	1.8	0.52	0.48	1.6	1.8	30.6	7.7	23.9
30.0	1543	2.0			0.48	1.6		30.6	7.7	23.9
30.0	1543	3.0			0.47	1.6		30.6	7.8	23.9
30.0	1543	4.0			0.46	1.6		30.7	7.7	24.0
30.0	1543	5.0			0.45	1.6		30.9	7.3	24.2
30.0	1543	6.0			0.45	1.6		30.8	7.3	24.1
30.0	1543	7.0			0.45	1.6		30.8	7.3	24.1
30.0	1543	8.0			0.45	1.6		30.8	7.3	24.1
30.0	1543	9.0			0.46	1.6		30.7	7.3	24.0
30.0	1543	10.0			0.45	1.6		30.7	7.3	24.0
30.0	1543	11.0			0.46	1.6		30.7	7.2	24.0
30.0	1543	12.0			0.47	1.6		30.7	7.2	24.0
29.0	1520	1.0			0.43	1.7	2.2	30.7	7.4	24.0
29.0	1520	2.0			0.43	1.7		30.7	7.3	24.0
29.0	1520	3.0			0.43	1.7		30.7	7.3	24.0
29.0	1520	4.0			0.43	1.7		30.8	7.3	24.0
29.0	1520	5.0			0.43	1.7		30.8	7.3	24.1
29.0	1520	6.0			0.43	1.7		30.8	7.3	24.0
29.0	1520	7.0			0.43	1.7		30.8	7.3	24.1
29.0	1520	8.0			0.43	1.7		30.8	7.3	24.1
29.0	1520	9.0			0.43	1.7		30.8	7.3	24.1
29.0	1520	10.0			0.43	1.7		30.8	7.3	24.1
29.0	1520	11.0			0.42	1.7		30.8	7.3	24.1
29.0	1520	12.0			0.42	1.7		30.9	7.3	24.1
29.0	1520	13.0			0.43	1.7		30.9	7.3	24.1
29.0	1520	14.0			0.45	1.6		30.9	7.3	24.1
28.0	1509	1.0			0.42	1.7	1.9	30.8	7.4	24.1
28.0	1509	2.0			0.42	1.7		30.8	7.4	24.1
28.0	1509	3.0			0.41	1.7		30.8	7.4	24.1
28.0	1509	4.0			0.41	1.7		30.8	7.4	24.1
28.0	1509	5.0			0.41	1.7		30.9	7.4	24.1
28.0	1509	6.0			0.41	1.7		30.9	7.4	24.1
28.0	1509	7.0			0.42	1.7		30.9	7.3	24.1
28.0	1509	8.0			0.42	1.7		30.9	7.3	24.1
28.0	1509	9.0			0.42	1.7		30.9	7.3	24.1
28.0	1509	10.0			0.42	1.7		30.9	7.3	24.1
28.0	1509	11.0			0.41	1.7		30.9	7.3	24.1
28.0	1509	12.0			0.41	1.7		30.9	7.3	24.1
27.0	1457	1.0	1.7	0.48	0.43	1.7	1.6	30.9	8.1	24.1

LOCATION: South San Francisco Bay
 DATE: January 8, 1991
 JULIAN DAY: 91008

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
27.0	1457	2.0			0.43	1.7		31.0	7.7	24.2
27.0	1457	3.0			0.42	1.7		31.0	7.5	24.2
27.0	1457	4.0			0.42	1.7		31.0	7.4	24.2
27.0	1457	5.0			0.42	1.7		31.0	7.4	24.2
27.0	1457	6.0			0.42	1.7		31.0	7.4	24.2
27.0	1457	7.0			0.43	1.7		31.0	7.4	24.2
27.0	1457	8.0			0.43	1.7		31.0	7.4	24.2
27.0	1457	9.0			0.44	1.7		31.0	7.4	24.2
27.0	1457	10.0			0.43	1.7		30.9	7.4	24.2
27.0	1457	11.0	1.7	0.34	0.42	1.7		30.9	7.4	24.2
26.0	1445	1.0			0.42	1.7	1.6	31.0	8.0	24.1
26.0	1445	2.0			0.42	1.7		31.0	7.8	24.2
26.0	1445	3.0			0.42	1.7		31.0	7.6	24.2
26.0	1445	4.0			0.42	1.7		31.0	7.5	24.2
26.0	1445	5.0			0.43	1.7		31.0	7.5	24.2
26.0	1445	6.0			0.43	1.7		31.0	7.5	24.2
26.0	1445	7.0			0.43	1.7		31.0	7.5	24.2
26.0	1445	8.0			0.44	1.7		31.0	7.5	24.2
26.0	1445	9.0			0.44	1.6		31.0	7.5	24.2
26.0	1445	10.0			0.45	1.6		31.0	7.5	24.2
25.0	1427	1.0			0.41	1.7	1.8	30.9	7.7	24.1
25.0	1427	2.0			0.41	1.7		31.0	7.4	24.2
25.0	1427	3.0			0.41	1.7		30.9	7.4	24.2
25.0	1427	4.0			0.41	1.7		30.9	7.4	24.1
25.0	1427	5.0			0.41	1.7		30.9	7.4	24.1
25.0	1427	6.0			0.42	1.7		30.9	7.4	24.1
25.0	1427	7.0			0.43	1.7		30.9	7.4	24.1
24.0	1413	1.0	2.0	0.57	0.44	1.7	1.6	30.8	7.7	24.0
24.0	1413	2.0			0.44	1.7		30.8	7.5	24.0
24.0	1413	3.0			0.44	1.7		30.8	7.5	24.0
24.0	1413	4.0			0.43	1.7		30.8	7.5	24.1
24.0	1413	5.0			0.43	1.7		30.8	7.5	24.0
24.0	1413	6.0			0.43	1.7		30.8	7.5	24.0
24.0	1413	7.0			0.44	1.7		30.8	7.5	24.0
24.0	1413	8.0			0.44	1.6		30.8	7.5	24.1
24.0	1413	9.0			0.45	1.6		30.8	7.5	24.1
24.0	1413	10.0	1.7	0.37	0.45	1.6		30.8	7.5	24.1
23.0	1400	1.0			0.47	1.6	1.7	30.5	7.5	23.8
23.0	1400	2.0			0.47	1.6		30.5	7.4	23.8
23.0	1400	3.0			0.48	1.6		30.5	7.4	23.9
23.0	1400	4.0			0.48	1.6		30.6	7.4	23.9
23.0	1400	5.0			0.48	1.6		30.6	7.4	23.9
23.0	1400	6.0			0.47	1.6		30.6	7.4	23.9
23.0	1400	7.0			0.47	1.6		30.6	7.4	23.9
23.0	1400	8.0			0.48	1.6		30.6	7.4	23.9
23.0	1400	9.0			0.48	1.6		30.7	7.4	24.0
23.0	1400	10.0			0.48	1.6		30.7	7.4	24.0
23.0	1400	11.0			0.48	1.6		30.7	7.4	24.0
23.0	1400	12.0			0.47	1.6		30.7	7.4	24.0
23.0	1400	13.0			0.46	1.6		30.7	7.4	24.0
22.0	1339	1.0			0.38	1.7	1.4	30.5	8.0	23.8
22.0	1339	2.0			0.38	1.7		30.5	7.9	23.8
22.0	1339	3.0			0.39	1.7		30.5	7.9	23.8
22.0	1339	4.0			0.39	1.7		30.5	7.9	23.8
22.0	1339	5.0			0.39	1.7		30.5	7.9	23.8
22.0	1339	6.0			0.39	1.7		30.5	7.9	23.8
22.0	1339	7.0			0.39	1.7		30.5	7.9	23.8
22.0	1339	8.0			0.39	1.7		30.5	7.9	23.8
22.0	1339	9.0			0.39	1.7		30.5	7.9	23.8

LOCATION: South San Francisco Bay
 DATE: January 8, 1991
 JULIAN DAY: 91008

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
22.0	1339	10.0			0.39	1.7		30.5	7.9	23.8
22.0	1339	11.0			0.39	1.7		30.5	7.9	23.8
22.0	1339	12.0			0.39	1.7		30.5	7.9	23.8
22.0	1339	13.0			0.39	1.7		30.5	7.9	23.8
22.0	1339	14.0			0.39	1.7		30.5	7.9	23.7
22.0	1339	15.0			0.39	1.7		30.5	7.9	23.8
21.0	1325	1.0	1.1	0.56	0.42	1.7	1.2	30.5	8.1	23.7
21.0	1325	2.0			0.42	1.7		30.5	8.1	23.7
21.0	1325	3.0			0.43	1.7		30.5	8.0	23.7
21.0	1325	4.0			0.43	1.7		30.5	8.0	23.7
21.0	1325	5.0			0.43	1.7		30.5	8.0	23.7
21.0	1325	6.0			0.41	1.7		30.5	8.0	23.7
21.0	1325	7.0			0.41	1.7		30.5	8.0	23.7
21.0	1325	8.0			0.40	1.7		30.5	8.0	23.7
21.0	1325	9.0			0.40	1.7		30.5	8.0	23.7
21.0	1325	10.0			0.40	1.7		30.5	8.0	23.7
21.0	1325	11.0			0.40	1.7		30.5	8.0	23.7
21.0	1325	12.0			0.40	1.7		30.5	8.0	23.7
21.0	1325	13.0			0.40	1.7		30.5	8.0	23.7
21.0	1325	14.0			0.40	1.7		30.5	8.0	23.7
21.0	1325	15.0	2.0	0.41	0.40	1.7		30.5	8.0	23.7

Fluorometer Calibration: n r² A B Syx
 9 0.02 2.1 -0.97 0.3

LOCATION: South San Francisco Bay
 DATE: February 6, 1991
 JULIAN DAY: 91036

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
32.0	735	1.0	2.0	0.38	0.49	2.1	2.4	29.6	11.1	22.5
32.0	735	2.0			0.49	2.1		29.7	11.0	22.7
32.0	735	3.0			0.48	2.1		29.8	11.0	22.7
32.0	735	4.0			0.48	2.1		29.8	11.0	22.7
32.0	735	5.0			0.48	2.1		29.8	11.0	22.7
32.0	735	6.0			0.48	2.1		29.8	11.0	22.8
32.0	735	7.0			0.48	2.1		29.8	10.9	22.8
32.0	735	8.0			0.48	2.1		29.9	10.9	22.8
32.0	735	9.0			0.48	2.1		29.9	10.9	22.8
32.0	735	10.0			0.49	2.1		29.9	10.9	22.8
32.0	735	11.0			0.49	2.1		29.9	10.9	22.8
31.0	747	1.0	2.1	0.57	0.47	2.0	1.7	29.7	11.1	22.6
31.0	747	2.0			0.47	2.0		29.8	11.0	22.7
31.0	747	3.0			0.47	2.0		29.9	11.0	22.8
31.0	747	4.0			0.46	2.0		29.9	11.0	22.8
31.0	747	5.0			0.46	2.0		29.9	11.0	22.8
31.0	747	6.0			0.47	2.1		29.9	10.9	22.8
31.0	747	7.0			0.48	2.1		29.9	10.9	22.9
31.0	747	8.0			0.48	2.1		30.0	10.9	22.9
31.0	747	9.0			0.49	2.1		30.0	10.9	22.9
31.0	747	10.0			0.49	2.1		30.0	10.9	22.9
31.0	747	11.0			0.49	2.1		30.0	10.9	22.9
31.0	747	12.0			0.50	2.1		30.0	10.9	22.9
31.0	747	13.0			0.50	2.1		30.0	10.9	22.9
30.0	806	1.0			0.48	2.1	1.4	29.9	10.9	22.8
30.0	806	2.0			0.48	2.1		30.0	10.9	22.9
30.0	806	3.0			0.48	2.1		30.0	11.0	22.9
30.0	806	4.0			0.48	2.1		30.0	11.0	22.9
30.0	806	5.0			0.48	2.1		29.9	11.0	22.8
30.0	806	6.0			0.48	2.1		29.9	11.0	22.8
30.0	806	7.0			0.48	2.1		29.9	11.0	22.8
30.0	806	8.0			0.47	2.1		29.9	11.0	22.8
30.0	806	9.0			0.47	2.0		29.9	10.9	22.8
30.0	806	10.0			0.46	2.0		30.0	10.9	22.9
30.0	806	11.0			0.45	2.0		30.1	10.9	22.9
30.0	806	12.0			0.44	2.0		30.1	10.9	23.0
30.0	806	13.0			0.46	2.0		30.1	10.9	23.0
30.0	806	14.0			0.47	2.0		30.1	10.9	23.0
30.0	806	15.0			0.47	2.1		30.1	10.9	23.0
29.0	830	1.0	2.1	0.47	0.50	2.1	1.6	30.0	11.0	22.9
29.0	830	2.0			0.50	2.1		30.0	11.0	22.9
29.0	830	3.0			0.49	2.1		30.0	11.0	22.9
29.0	830	4.0			0.49	2.1		30.0	11.0	22.9
29.0	830	5.0			0.49	2.1		30.0	11.0	22.9
29.0	830	6.0			0.48	2.1		30.0	11.0	22.9
29.0	830	7.0			0.48	2.1		30.0	11.0	22.9
29.0	830	8.0			0.48	2.1		30.0	11.0	22.9
29.0	830	9.0			0.48	2.1		30.1	10.9	23.0
29.0	830	10.0			0.48	2.1		30.1	10.9	23.0
29.0	830	11.0			0.47	2.0		30.1	10.9	23.0
29.0	830	12.0			0.48	2.1		30.1	10.9	23.0
29.0	830	13.0			0.48	2.1		30.2	10.9	23.0
29.0	830	14.0			0.49	2.1		30.2	10.9	23.0
28.0	847	1.0	2.1	0.47	0.54	2.3	1.5	30.0	11.2	22.8
28.0	847	2.0			0.54	2.3		30.0	11.1	22.9
28.0	847	3.0			0.53	2.2		30.1	11.1	22.9
28.0	847	4.0			0.52	2.2		30.1	11.1	22.9
28.0	847	5.0			0.51	2.2		30.1	11.1	22.9
28.0	847	6.0			0.49	2.1		30.1	11.1	23.0
28.0	847	7.0			0.48	2.1		30.2	11.0	23.0

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STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
28.0	847	8.0			0.47	2.0		30.2	10.9	23.1
28.0	847	9.0			0.46	2.0		30.2	10.8	23.1
28.0	847	10.0			0.45	2.0		30.2	10.8	23.1
28.0	847	11.0			0.44	2.0		30.3	10.8	23.1
28.0	847	12.0			0.43	1.9		30.3	10.8	23.1
28.0	847	13.0			0.42	1.9		30.3	10.8	23.1
28.0	847	14.0			0.42	1.9		30.3	10.8	23.1
28.0	847	15.0			0.42	1.9		30.3	10.8	23.1
27.0	902	1.0	2.4	0.60	0.43	1.9	1.5	30.2	11.0	23.1
27.0	902	2.0			0.43	1.9		30.2	10.9	23.1
27.0	902	3.0			0.42	1.9		30.2	10.9	23.1
27.0	902	4.0			0.42	1.9		30.2	10.8	23.1
27.0	902	5.0			0.41	1.9		30.3	10.8	23.1
27.0	902	6.0			0.43	1.9		30.3	10.8	23.1
27.0	902	7.0			0.43	1.9		30.3	10.8	23.1
27.0	902	8.0			0.44	2.0		30.3	10.8	23.1
27.0	902	9.0			0.44	2.0		30.3	10.8	23.1
27.0	902	10.0			0.44	2.0		30.3	10.8	23.1
27.0	902	11.0			0.43	1.9		30.3	10.8	23.1
27.0	902	12.0			0.42	1.9		30.3	10.8	23.1
26.0	915	1.0			0.44	2.0	1.6	30.2	10.9	23.1
26.0	915	2.0			0.44	2.0		30.2	10.9	23.1
26.0	915	3.0			0.43	2.0		30.2	10.9	23.1
26.0	915	4.0			0.43	2.0		30.2	10.9	23.1
26.0	915	5.0			0.44	2.0		30.2	10.9	23.1
26.0	915	6.0			0.44	2.0		30.2	10.9	23.1
26.0	915	7.0			0.45	2.0		30.2	10.9	23.1
26.0	915	8.0			0.46	2.0		30.2	10.9	23.1
26.0	915	9.0			0.46	2.0		30.2	10.9	23.1
25.0	932	1.0			0.47	2.0	2.9	30.2	10.9	23.1
25.0	932	2.0			0.47	2.0		30.2	10.9	23.1
25.0	932	3.0			0.46	2.0		30.2	10.9	23.1
25.0	932	4.0			0.47	2.1		30.2	10.9	23.1
25.0	932	5.0			0.47	2.1		30.2	10.9	23.1
25.0	932	6.0			0.47	2.1		30.2	10.9	23.1
25.0	932	7.0			0.48	2.1		30.2	10.9	23.1
24.0	948	1.0	1.8	0.39	0.43	1.9	2.4	30.2	10.9	23.0
24.0	948	2.0			0.43	1.9		30.2	10.9	23.1
24.0	948	3.0			0.44	2.0		30.2	10.9	23.1
24.0	948	4.0			0.43	1.9		30.2	10.9	23.0
24.0	948	5.0			0.43	1.9		30.2	10.9	23.0
24.0	948	6.0			0.43	1.9		30.2	10.9	23.0
24.0	948	7.0			0.43	1.9		30.2	10.9	23.0
24.0	948	8.0			0.44	2.0		30.2	10.9	23.1
24.0	948	9.0			0.44	2.0		30.2	10.9	23.1
24.0	948	10.0			0.43	1.9		30.2	10.9	23.1
24.0	948	11.0			0.42	1.9		30.2	10.9	23.1
23.0	1004	1.0			0.41	1.9	2.4	30.1	10.8	23.0
23.0	1004	2.0			0.41	1.9		30.1	10.8	23.0
23.0	1004	3.0			0.41	1.9		30.1	10.8	23.0
23.0	1004	4.0			0.41	1.9		30.1	10.8	23.0
23.0	1004	5.0			0.41	1.9		30.1	10.8	23.0
23.0	1004	6.0			0.41	1.9		30.1	10.8	23.0
23.0	1004	7.0			0.42	1.9		30.1	10.8	23.0
23.0	1004	8.0			0.42	1.9		30.1	10.8	23.0
23.0	1004	9.0			0.43	1.9		30.1	10.8	23.0
23.0	1004	10.0			0.42	1.9		30.1	10.8	23.0
23.0	1004	11.0			0.42	1.9		30.1	10.8	23.0
23.0	1004	12.0			0.41	1.9		30.1	10.8	23.0

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STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
23.0	1004	13.0			0.41	1.9		30.1	10.8	23.0
23.0	1004	14.0			0.41	1.9		30.1	10.8	23.0
22.0	1023	1.0			0.39	1.8	1.7	30.2	10.8	23.1
22.0	1023	2.0			0.39	1.8		30.2	10.8	23.1
22.0	1023	3.0			0.39	1.8		30.2	10.8	23.1
22.0	1023	4.0			0.40	1.8		30.2	10.8	23.1
22.0	1023	5.0			0.40	1.8		30.2	10.8	23.1
22.0	1023	6.0			0.40	1.8		30.2	10.8	23.1
22.0	1023	7.0			0.40	1.8		30.2	10.8	23.1
22.0	1023	8.0			0.40	1.9		30.2	10.8	23.1
22.0	1023	9.0			0.41	1.9		30.3	10.8	23.1
22.0	1023	10.0			0.40	1.9		30.3	10.8	23.1
22.0	1023	11.0			0.40	1.9		30.3	10.8	23.1
22.0	1023	12.0			0.40	1.9		30.3	10.8	23.1
22.0	1023	13.0			0.40	1.9		30.3	10.8	23.1
22.0	1023	14.0			0.40	1.9		30.3	10.8	23.1
22.0	1023	15.0			0.40	1.9		30.3	10.8	23.1
22.0	1023	16.0			0.40	1.9		30.3	10.8	23.1
21.0	1038	1.0	1.6	0.34	0.39	1.8	2.1	30.3	10.8	23.2
21.0	1038	2.0			0.39	1.8		30.3	10.8	23.2
21.0	1038	3.0			0.39	1.8		30.3	10.8	23.2
21.0	1038	4.0			0.39	1.8		30.3	10.8	23.2
21.0	1038	5.0			0.39	1.8		30.3	10.8	23.2
21.0	1038	6.0			0.39	1.8		30.3	10.8	23.2
21.0	1038	7.0			0.40	1.8		30.3	10.8	23.2
21.0	1038	8.0			0.40	1.9		30.3	10.8	23.2
21.0	1038	9.0			0.41	1.9		30.3	10.8	23.2
21.0	1038	10.0			0.41	1.9		30.3	10.8	23.2
21.0	1038	11.0			0.40	1.9		30.3	10.8	23.2
21.0	1038	12.0			0.40	1.9		30.3	10.8	23.2
21.0	1038	13.0			0.40	1.9		30.3	10.8	23.2
21.0	1038	14.0			0.40	1.9		30.3	10.8	23.2
21.0	1038	15.0			0.40	1.9		30.3	10.8	23.2
21.0	1038	16.0			0.40	1.9		30.3	10.8	23.2

Fluorometer Calibration: n r² A B Syx
 6 0.19 0.7 2.83 0.3

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STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
18.0	1113	1.0	1.9	0.41	0.40	1.5	1.8	29.8	10.9	22.8
18.0	1113	2.0			0.40	1.5		29.9	10.9	22.8
18.0	1113	3.0			0.40	1.5		29.9	10.9	22.8
18.0	1113	4.0			0.40	1.5		29.9	10.9	22.8
18.0	1113	5.0			0.40	1.5		29.9	10.9	22.8
18.0	1113	6.0			0.40	1.5		29.9	10.9	22.8
18.0	1113	7.0			0.40	1.5		29.9	10.9	22.9
18.0	1113	8.0			0.41	1.5		30.0	10.9	22.9
18.0	1113	9.0			0.41	1.5		30.1	10.9	23.0
18.0	1113	10.0			0.39	1.4		30.1	10.9	23.0
18.0	1113	11.0			0.37	1.3		30.1	10.9	23.0
18.0	1113	12.0			0.36	1.3		30.1	10.9	23.0
18.0	1113	13.0			0.34	1.2		30.1	10.9	23.0
18.0	1113	14.0			0.34	1.2		30.1	10.9	23.0
18.0	1113	15.0			0.34	1.1		30.1	10.9	23.0
18.0	1113	16.0			0.34	1.2		30.2	10.9	23.0
18.0	1113	17.0			0.33	1.1		30.2	10.9	23.0
18.0	1113	18.0			0.32	1.1		30.2	10.9	23.0
18.0	1113	19.0			0.34	1.1		30.2	10.9	23.0
18.0	1113	20.0			0.34	1.2		30.2	10.9	23.1
18.0	1113	21.0			0.34	1.1		30.2	10.9	23.1
18.0	1113	22.0			0.34	1.1		30.3	10.9	23.1
18.0	1113	23.0			0.33	1.1		30.4	10.9	23.2
18.0	1113	24.0			0.33	1.1		30.4	10.9	23.2
18.0	1113	25.0			0.35	1.2		30.4	10.9	23.2
18.0	1113	26.0			0.33	1.1		30.3	10.9	23.1
18.0	1113	27.0			0.35	1.2		30.3	10.9	23.1
18.0	1113	28.0			0.34	1.2		30.3	10.9	23.1
18.0	1113	29.0			0.36	1.2		30.4	10.9	23.2
18.0	1113	30.0			0.36	1.3		30.4	10.9	23.2
18.0	1113	31.0			0.35	1.2		30.4	10.9	23.2
18.0	1113	32.0			0.37	1.3		30.4	10.9	23.2
18.0	1113	33.0			0.37	1.3		30.4	10.9	23.2
18.0	1113	34.0			0.37	1.3		30.4	10.9	23.2
18.0	1113	35.0			0.36	1.3		30.5	10.9	23.3
18.0	1113	36.0			0.36	1.3		30.5	10.9	23.3
18.0	1113	37.0			0.38	1.3		30.6	10.9	23.3
18.0	1113	38.0			0.38	1.4		30.6	10.9	23.4
18.0	1113	39.0			0.38	1.4		30.7	10.9	23.5
18.0	1113	40.0			0.39	1.4		30.9	11.0	23.6
15.0	1224	1.0	1.6	0.35	0.45	1.8	2.7	25.2	10.6	19.3
15.0	1224	2.0			0.45	1.8		25.3	10.6	19.3
15.0	1224	3.0			0.45	1.7		25.5	10.6	19.4
15.0	1224	4.0			0.45	1.8		25.5	10.6	19.5
15.0	1224	5.0			0.45	1.8		25.5	10.6	19.5
15.0	1224	6.0			0.46	1.8		25.5	10.6	19.5
15.0	1224	7.0			0.46	1.8		25.5	10.6	19.5
15.0	1224	8.0			0.47	1.8		25.5	10.6	19.4
15.0	1224	9.0			0.47	1.9		25.5	10.7	19.4
15.0	1224	10.0			0.46	1.8		25.7	10.8	19.6
15.0	1224	11.0			0.45	1.7		25.6	10.8	19.5
15.0	1224	12.0			0.44	1.7		26.8	10.8	20.4
15.0	1224	13.0			0.43	1.6		27.6	10.9	21.0
15.0	1224	14.0			0.42	1.6		27.8	10.9	21.2
15.0	1224	15.0			0.42	1.6		28.0	10.8	21.3
15.0	1224	16.0			0.41	1.5		28.1	10.8	21.4
15.0	1224	17.0			0.41	1.5		28.3	10.8	21.6
15.0	1224	18.0			0.41	1.6		28.3	10.8	21.6
15.0	1224	19.0			0.41	1.5		28.3	10.8	21.6

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STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
15.0	1224	20.0			0.41	1.5		28.4	10.8	21.6
15.0	1224	21.0			0.41	1.5		28.4	10.8	21.6
15.0	1224	22.0			0.41	1.5		28.4	10.8	21.6
15.0	1224	23.0			0.41	1.5		28.4	10.8	21.6
13.0	1301	1.0	1.8	0.31	0.43	1.6	3.8	25.4	10.6	19.4
13.0	1301	2.0			0.43	1.6		25.4	10.6	19.4
13.0	1301	3.0			0.43	1.6		25.4	10.6	19.4
13.0	1301	4.0			0.43	1.6		25.4	10.6	19.4
13.0	1301	5.0			0.43	1.6		25.4	10.6	19.4
13.0	1301	6.0			0.44	1.7		25.4	10.6	19.4
13.0	1301	7.0			0.44	1.7		25.4	10.6	19.4
13.0	1301	8.0			0.44	1.7		25.4	10.6	19.4
11.0	1344	1.0			0.40	1.5	3.7	20.9	10.3	15.9
11.0	1344	2.0			0.40	1.5		20.9	10.3	15.9
11.0	1344	3.0			0.40	1.5		21.0	10.3	16.0
11.0	1344	4.0			0.40	1.5		21.0	10.3	16.0
11.0	1344	5.0			0.41	1.5		21.1	10.3	16.0
11.0	1344	6.0			0.41	1.5		21.2	10.3	16.1
11.0	1344	7.0			0.41	1.5		21.4	10.3	16.3
11.0	1344	8.0			0.41	1.5		21.5	10.3	16.4
11.0	1344	9.0			0.41	1.5		21.6	10.3	16.5
11.0	1344	10.0			0.41	1.5		21.7	10.3	16.5
11.0	1344	11.0			0.41	1.5		21.7	10.3	16.6
11.0	1344	12.0			0.41	1.5		21.8	10.3	16.6
11.0	1344	13.0			0.40	1.5		21.8	10.3	16.6
11.0	1344	14.0			0.40	1.5		21.8	10.3	16.6
10.0	1414	1.0	1.4	0.33	0.40	1.5	4.2	17.7	10.2	13.4
10.0	1414	2.0			0.40	1.5		17.7	10.2	13.4
10.0	1414	3.0			0.41	1.5		17.7	10.1	13.4
10.0	1414	4.0			0.41	1.5		17.7	10.1	13.5
10.0	1414	5.0			0.41	1.5		17.7	10.1	13.5
10.0	1414	6.0			0.41	1.5		17.8	10.1	13.5
10.0	1414	7.0			0.41	1.5		17.9	10.1	13.6
10.0	1414	8.0			0.42	1.6		18.4	10.1	14.0
10.0	1414	9.0			0.42	1.6		18.8	10.1	14.3
10.0	1414	10.0			0.42	1.6		19.0	10.1	14.5
10.0	1414	11.0			0.41	1.5		19.2	10.1	14.6
10.0	1414	12.0			0.41	1.5		19.3	10.1	14.7
10.0	1414	13.0			0.41	1.5		19.4	10.1	14.8
10.0	1414	14.0			0.41	1.5		19.5	10.1	14.9
10.0	1414	15.0			0.40	1.5		19.5	10.1	14.9
10.0	1414	16.0			0.40	1.5		19.5	10.1	14.9
9.0	1430	1.0			0.41	1.5	3.6	15.7	10.2	11.9
9.0	1430	2.0			0.41	1.5		15.9	10.1	12.0
9.0	1430	3.0			0.41	1.5		16.3	10.1	12.4
9.0	1430	4.0			0.41	1.5		16.5	10.0	12.6
9.0	1430	5.0			0.41	1.5		16.8	10.0	12.8
9.0	1430	6.0			0.42	1.6		17.0	10.0	12.9
9.0	1430	7.0			0.42	1.6		17.1	10.0	13.0
9.0	1430	8.0			0.42	1.6		17.1	10.1	13.0
9.0	1430	9.0			0.43	1.6		17.1	10.1	13.0
9.0	1430	10.0			0.42	1.6		17.1	10.0	13.0
9.0	1430	11.0			0.42	1.6		17.1	10.0	13.0
9.0	1430	12.0			0.41	1.5		17.1	10.0	13.0
9.0	1430	13.0			0.41	1.5		17.1	10.0	13.0
9.0	1430	14.0			0.41	1.5		17.2	10.0	13.1

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STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
9.0	1430	15.0			0.41	1.5		17.2	10.0	13.1
9.0	1430	16.0			0.40	1.5		17.2	10.0	13.1
9.0	1430	17.0			0.40	1.5		17.1	10.1	13.0
9.0	1430	18.0			0.40	1.5		17.1	10.1	13.0
9.0	1430	19.0			0.40	1.5		17.1	10.1	13.0
9.0	1430	20.0			0.40	1.5		17.2	10.1	13.1
9.0	1430	21.0			0.40	1.5		17.2	10.1	13.1
9.0	1430	22.0			0.40	1.5		17.3	10.0	13.2
9.0	1430	23.0			0.40	1.5		17.4	10.0	13.2
9.0	1430	24.0			0.40	1.5		17.4	10.0	13.3
9.0	1430	25.0			0.40	1.5		17.5	10.0	13.4
9.0	1430	26.0			0.40	1.5		17.6	10.1	13.4
9.0	1430	27.0			0.40	1.5		17.6	10.1	13.4
9.0	1430	28.0			0.40	1.5		17.6	10.1	13.4
8.0	1452	1.0	1.6	0.39	0.42	1.6	3.5	13.4	10.4	10.1
8.0	1452	2.0			0.42	1.6		13.5	10.4	10.2
8.0	1452	3.0			0.42	1.6		13.8	10.3	10.4
8.0	1452	4.0			0.42	1.6		13.8	10.2	10.4
8.0	1452	5.0			0.42	1.6		13.8	10.1	10.5
8.0	1452	6.0			0.42	1.6		14.0	10.2	10.5
8.0	1452	7.0			0.42	1.6		14.3	10.0	10.8
8.0	1452	8.0			0.42	1.6		14.6	10.0	11.1
8.0	1452	9.0			0.41	1.5		14.8	10.0	11.2
8.0	1452	10.0			0.41	1.5		14.8	10.0	11.3
8.0	1452	11.0			0.41	1.5		14.9	10.0	11.3
8.0	1452	12.0			0.41	1.5		14.8	10.0	11.3
8.0	1452	13.0			0.40	1.5		14.8	10.0	11.3
8.0	1452	14.0			0.40	1.5		14.9	10.0	11.3
7.0	1527	1.0			0.39	1.4	2.9	12.3	10.0	9.3
7.0	1527	2.0			0.39	1.4		12.3	10.0	9.3
7.0	1527	3.0			0.39	1.4		12.3	10.0	9.3
7.0	1527	4.0			0.39	1.4		12.4	10.0	9.3
7.0	1527	5.0			0.39	1.4		12.4	9.9	9.4
7.0	1527	6.0			0.39	1.4		12.5	9.9	9.4
7.0	1527	7.0			0.39	1.4		12.5	9.9	9.5
7.0	1527	8.0			0.39	1.4		12.9	10.0	9.7
7.0	1527	9.0			0.40	1.5		13.1	10.0	9.9
7.0	1527	10.0			0.40	1.5		13.1	10.0	9.9
7.0	1527	11.0			0.40	1.5		13.2	10.0	10.0
7.0	1527	12.0			0.40	1.5		13.3	10.0	10.1
7.0	1527	13.0			0.40	1.5		13.4	10.0	10.1
7.0	1527	14.0			0.40	1.5		13.5	10.0	10.2
7.0	1527	15.0			0.40	1.5		13.5	10.0	10.2
6.0	1550	1.0	1.1	0.33	0.38	1.4	3.0	10.2	10.0	7.6
6.0	1550	2.0			0.38	1.4		10.3	10.0	7.7
6.0	1550	3.0			0.38	1.4		10.3	9.9	7.8
6.0	1550	4.0			0.38	1.4		10.4	9.9	7.8
6.0	1550	5.0			0.38	1.4		10.4	9.9	7.8
6.0	1550	6.0			0.38	1.4		10.5	9.9	7.9
6.0	1550	7.0			0.38	1.4		10.5	9.9	7.9
6.0	1550	8.0			0.39	1.4		10.7	10.0	8.0
6.0	1550	9.0			0.39	1.4		10.8	10.1	8.1
6.0	1550	10.0			0.38	1.4		10.9	10.1	8.2
6.0	1550	11.0			0.36	1.2		10.9	10.1	8.2
5.0	1619	1.0			0.36	1.3	2.7	7.2	10.1	5.3
5.0	1619	2.0			0.36	1.3		7.2	10.1	5.3

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STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
5.0	1619	3.0			0.36	1.3		7.2	10.1	5.3
5.0	1619	4.0			0.36	1.3		7.2	10.1	5.3
5.0	1619	5.0			0.36	1.3		7.2	10.1	5.3
5.0	1619	6.0			0.37	1.3		7.2	10.1	5.3
5.0	1619	7.0			0.37	1.3		7.2	10.1	5.3
5.0	1619	8.0			0.37	1.3		7.2	10.1	5.3
5.0	1619	9.0			0.37	1.3		7.2	10.1	5.3
5.0	1619	10.0			0.36	1.3		7.2	10.0	5.4
5.0	1619	11.0			0.34	1.2		7.3	10.0	5.4
4.0	1638	1.0	1.4	0.52	0.36	1.3	2.3	6.0	10.1	4.4
4.0	1638	2.0			0.36	1.3		6.1	10.0	4.5
4.0	1638	3.0			0.36	1.3		6.2	10.0	4.6
4.0	1638	4.0			0.36	1.3		6.3	10.0	4.6
4.0	1638	5.0			0.37	1.3		6.3	10.0	4.6
4.0	1638	6.0			0.37	1.3		6.3	10.0	4.7
4.0	1638	7.0			0.37	1.3		6.4	10.0	4.7
4.0	1638	8.0			0.37	1.3		6.4	10.0	4.7
4.0	1638	9.0			0.38	1.3		6.4	10.0	4.7
3.0	1708	1.0			0.36	1.2	2.3	4.1	10.0	2.9
3.0	1708	2.0			0.36	1.2		4.3	10.0	3.1
3.0	1708	3.0			0.36	1.2		4.4	10.0	3.2
3.0	1708	4.0			0.36	1.2		4.5	10.0	3.2
3.0	1708	5.0			0.36	1.3		4.6	10.1	3.3
3.0	1708	6.0			0.36	1.3		4.8	10.1	3.4
3.0	1708	7.0			0.37	1.3		4.9	10.1	3.5
3.0	1708	8.0			0.37	1.3		5.0	10.1	3.6
3.0	1708	9.0			0.37	1.3		5.1	10.2	3.7
3.0	1708	10.0			0.36	1.3		5.2	10.2	3.8
3.0	1708	11.0			0.34	1.2		5.4	10.2	3.9
2.0	1732	1.0	1.1	0.42	0.37	1.3	1.4	3.1	9.9	2.2
2.0	1732	2.0			0.37	1.3		3.6	10.2	2.5
2.0	1732	3.0			0.37	1.3		3.8	10.4	2.6
2.0	1732	4.0			0.37	1.3		3.8	10.4	2.7
2.0	1732	5.0			0.37	1.3		3.9	10.4	2.7
2.0	1732	6.0			0.37	1.3		3.9	10.4	2.7
2.0	1732	7.0			0.37	1.3		3.9	10.4	2.8
2.0	1732	8.0			0.37	1.3		4.0	10.3	2.8
2.0	1732	9.0			0.37	1.3		4.0	10.4	2.8
2.0	1732	10.0			0.36	1.3		4.0	10.5	2.8
2.0	1732	11.0			0.34	1.2		4.0	10.4	2.8
649.0	1750	1.0			0.39	1.4		1.3	9.4	0.8
649.0	1750	2.0			0.39	1.4		1.6	9.3	1.0
649.0	1750	3.0			0.39	1.4		1.9	9.4	1.3
649.0	1750	4.0			0.39	1.4		2.2	9.5	1.4
649.0	1750	5.0			0.38	1.4		2.4	9.6	1.6
649.0	1750	6.0			0.38	1.4		2.8	10.0	1.9
649.0	1750	7.0			0.38	1.4		3.2	10.3	2.2
649.0	1750	8.0			0.37	1.3		3.4	10.3	2.3
649.0	1750	9.0			0.37	1.3		3.5	10.2	2.4
649.0	1750	10.0			0.36	1.3		3.6	9.9	2.5
649.0	1750	11.0			0.34	1.2		3.7	9.8	2.6
653.0	1822	1.0	1.5	0.56	0.36	1.3		0.2	9.1	0.0
653.0	1822	2.0			0.36	1.3		0.3	9.2	0.0
653.0	1822	3.0			0.36	1.3		0.4	9.3	0.0
653.0	1822	4.0			0.37	1.3		0.5	9.3	0.1

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STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
653.0	1822	5.0			0.38	1.4		0.5	9.4	0.2
653.0	1822	6.0			0.39	1.4		0.5	9.4	0.2
653.0	1822	7.0			0.39	1.4		0.7	9.4	0.3
653.0	1822	8.0			0.40	1.5		0.7	9.4	0.3
653.0	1822	9.0			0.40	1.5		0.7	9.4	0.3
653.0	1822	10.0			0.40	1.5		0.7	9.4	0.3
657.0	1849	1.0	1.1	0.42	0.37	1.3		0.1	9.3	0.0
657.0	1849	2.0			0.37	1.3		0.1	9.3	0.0
657.0	1849	3.0			0.37	1.3		0.1	9.3	0.0
657.0	1849	4.0			0.37	1.3		0.1	9.3	0.0
657.0	1849	5.0			0.37	1.3		0.1	9.3	0.0
657.0	1849	6.0			0.37	1.3		0.1	9.3	0.0
657.0	1849	7.0			0.37	1.3		0.1	9.3	0.0
657.0	1849	8.0			0.36	1.3		0.1	9.3	0.0
657.0	1849	9.0			0.36	1.3		0.1	9.3	0.0
657.0	1849	10.0			0.35	1.2		0.1	9.3	0.0

Fluorometer Calibration: n r² A B Syx
 10 0.34 -0.6 5.29 0.2

LOCATION: South San Francisco Bay
 DATE: February 12, 1991
 JULIAN DAY: 91043

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
34.0	1107	1.0	2.5	0.50	0.55	2.9	2.1	29.0	12.1	21.9
34.0	1107	2.0			0.55	2.9		29.0	12.0	22.0
34.0	1107	3.0			0.54	2.9		29.0	12.0	22.0
34.0	1107	4.0			0.54	2.8		29.1	12.0	22.0
34.0	1107	5.0			0.54	2.7		29.1	12.0	22.0
34.0	1107	6.0			0.54	2.7		29.1	12.0	22.0
34.0	1107	7.0			0.54	2.7		29.1	12.0	22.0
34.0	1107	8.0			0.54	2.7		29.1	12.0	22.0
34.0	1107	9.0			0.54	2.7		29.1	12.0	22.0
33.0	1228	1.0	2.9	0.49	0.55	3.0	2.2	29.0	12.2	21.9
33.0	1228	2.0			0.55	3.0		29.0	12.1	22.0
33.0	1228	3.0			0.54	2.9		29.1	12.0	22.0
33.0	1228	4.0			0.54	2.8		29.1	12.0	22.1
33.0	1228	5.0			0.54	2.8		29.2	12.0	22.1
33.0	1228	6.0			0.54	2.8		29.2	11.9	22.1
33.0	1228	7.0			0.54	2.8		29.2	11.9	22.1
33.0	1228	8.0			0.55	2.9		29.2	11.9	22.1
33.0	1228	9.0			0.54	2.9		29.3	11.9	22.2
33.0	1228	10.0			0.54	2.7		29.3	11.9	22.2
33.0	1228	11.0			0.53	2.5		29.3	11.9	22.2
33.0	1228	12.0			0.52	2.4		29.3	11.9	22.2
33.0	1228	13.0			0.52	2.4		29.3	11.9	22.2
33.0	1228	14.0	2.6	0.43	0.55	3.0		29.3	11.9	22.2
32.0	1255	1.0	3.4	0.59	0.57	3.6	2.0	28.9	12.4	21.8
32.0	1255	2.0			0.57	3.6		29.0	12.2	21.9
32.0	1255	3.0			0.57	3.4		29.1	12.0	22.0
32.0	1255	4.0			0.56	3.2		29.2	12.0	22.1
32.0	1255	5.0			0.55	3.0		29.3	11.9	22.2
32.0	1255	6.0			0.54	2.9		29.3	11.9	22.2
32.0	1255	7.0			0.54	2.8		29.4	11.9	22.3
32.0	1255	8.0			0.54	2.7		29.4	11.9	22.3
32.0	1255	9.0			0.54	2.8		29.5	11.8	22.3
32.0	1255	10.0			0.53	2.6		29.5	11.8	22.4
32.0	1255	11.0			0.52	2.4		29.5	11.8	22.4
31.0	1319	1.0	2.3	0.59	0.50	1.7	1.6	29.3	12.2	22.1
31.0	1319	2.0			0.50	1.7		29.5	11.9	22.4
31.0	1319	3.0			0.50	1.8		29.6	11.9	22.4
31.0	1319	4.0			0.50	1.7		29.6	11.8	22.4
31.0	1319	5.0			0.49	1.6		29.6	11.8	22.4
31.0	1319	6.0			0.49	1.6		29.6	11.8	22.5
31.0	1319	7.0			0.50	1.7		29.7	11.8	22.5
31.0	1319	8.0			0.50	1.8		29.7	11.8	22.5
31.0	1319	9.0			0.52	2.2		29.7	11.8	22.5
31.0	1319	10.0			0.52	2.2		29.7	11.8	22.5
31.0	1319	11.0			0.51	2.1		29.7	11.8	22.5
31.0	1319	12.0			0.51	2.0		29.7	11.8	22.5
31.0	1319	13.0			0.51	1.9		29.7	11.8	22.5
30.0	1343	1.0	4.9	0.82	0.59	4.0	1.4	29.6	12.4	22.3
30.0	1343	2.0			0.59	4.0		29.6	12.5	22.3
30.0	1343	3.0			0.61	4.4		29.7	12.1	22.4
30.0	1343	4.0			0.62	4.8		29.8	12.0	22.5
30.0	1343	5.0			0.59	4.2		29.8	11.9	22.6
30.0	1343	6.0			0.59	3.9		29.8	11.9	22.6
30.0	1343	7.0			0.57	3.5		29.9	11.8	22.6
30.0	1343	8.0			0.56	3.4		29.9	11.8	22.6
30.0	1343	9.0			0.56	3.3		29.8	11.8	22.6
30.0	1343	10.0			0.55	3.0		29.8	11.8	22.6
30.0	1343	11.0			0.54	2.7		29.8	11.8	22.6
30.0	1343	12.0			0.53	2.6		29.8	11.8	22.6
30.0	1343	13.0			0.52	2.4		29.8	11.8	22.6

LOCATION: South San Francisco Bay
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 JULIAN DAY: 91043

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
30.0	1343	14.0	2.6	0.38	0.52	2.3		29.8	11.8	22.6
29.5	1357	1.0			0.52	2.4	1.6	29.6	12.1	22.4
29.5	1357	2.0			0.52	2.4		29.7	12.0	22.5
29.5	1357	3.0			0.53	2.5		29.8	12.0	22.6
29.5	1357	4.0			0.53	2.6		29.8	12.0	22.6
29.5	1357	5.0			0.53	2.6		29.9	11.9	22.6
29.5	1357	6.0			0.53	2.6		29.9	11.9	22.6
29.5	1357	7.0			0.53	2.6		29.9	11.9	22.7
29.5	1357	8.0			0.54	2.8		29.9	11.8	22.7
29.5	1357	9.0			0.54	2.9		29.9	11.8	22.7
29.5	1357	10.0			0.53	2.7		29.9	11.8	22.7
29.5	1357	11.0			0.53	2.4		29.9	11.8	22.7
29.5	1357	12.0			0.52	2.3		29.9	11.8	22.7
29.5	1357	13.0			0.52	2.2		29.9	11.8	22.7
29.5	1357	14.0			0.51	2.1		29.9	11.8	22.7
29.5	1357	15.0			0.51	2.0		29.9	11.8	22.7
29.0	1421	1.0	2.2	0.39	0.55	2.9	1.8	29.8	12.3	22.5
29.0	1421	2.0			0.55	2.9		29.9	12.2	22.6
29.0	1421	3.0			0.54	2.9		29.9	12.2	22.6
29.0	1421	4.0			0.54	2.7		30.0	12.0	22.7
29.0	1421	5.0			0.53	2.6		30.0	11.8	22.7
29.0	1421	6.0			0.53	2.5		30.0	11.8	22.7
29.0	1421	7.0			0.53	2.6		30.0	11.8	22.7
29.0	1421	8.0			0.54	2.7		30.0	11.7	22.7
29.0	1421	9.0			0.54	2.7		30.0	11.7	22.7
29.0	1421	10.0			0.53	2.6		30.0	11.7	22.7
29.0	1421	11.0			0.52	2.4		30.0	11.7	22.7
29.0	1421	12.0			0.52	2.2		30.0	11.7	22.7
29.0	1421	13.0			0.51	2.1		30.0	11.7	22.7
29.0	1421	14.0	2.0	0.33	0.51	2.0		30.0	11.7	22.7
28.5	1440	1.0			0.54	2.8	2.3	29.9	12.1	22.6
28.5	1440	2.0			0.54	2.8		29.9	12.1	22.6
28.5	1440	3.0			0.54	2.9		29.9	12.1	22.6
28.5	1440	4.0			0.54	2.9		29.9	12.1	22.6
28.5	1440	5.0			0.55	2.9		30.0	12.0	22.7
28.5	1440	6.0			0.55	3.1		30.1	11.9	22.8
28.5	1440	7.0			0.56	3.2		30.1	11.9	22.8
28.5	1440	8.0			0.56	3.3		30.2	11.9	22.9
28.5	1440	9.0			0.56	3.3		30.2	11.9	22.9
28.5	1440	10.0			0.55	3.1		30.2	11.9	22.9
28.5	1440	11.0			0.54	2.7		30.2	11.8	22.9
28.5	1440	12.0			0.53	2.5		30.2	11.8	22.9

Fluorometer Calibration: n r² A B Syx
 9 0.65 -10.8 25.08 0.6

LOCATION: South San Francisco Bay
 DATE: March 5, 1991
 JULIAN DAY: 91064

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
33.0	1150	1.0	3.9	0.57	0.67	4.1	2.4	25.1	13.4	18.7
33.0	1150	2.0			0.67	4.1		25.4	13.3	18.9
33.0	1150	3.0			0.67	4.0		25.5	13.3	19.0
33.0	1150	4.0			0.67	4.0		25.5	13.3	19.0
33.0	1150	5.0			0.68	4.1		25.8	13.1	19.3
33.0	1150	6.0			0.68	4.1		26.0	13.1	19.4
33.0	1150	7.0			0.68	4.1		26.3	13.1	19.6
33.0	1150	8.0			0.69	4.2		26.5	13.1	19.8
33.0	1150	9.0	4.1	0.45	0.70	4.2		26.5	13.1	19.8
32.0	1135	1.0	3.7	0.54	0.62	3.8	1.8	25.7	13.5	19.1
32.0	1135	2.0			0.62	3.8		25.8	13.5	19.2
32.0	1135	3.0			0.63	3.8		26.4	13.3	19.7
32.0	1135	4.0			0.62	3.8		26.9	13.3	20.1
32.0	1135	5.0			0.63	3.8		27.1	13.2	20.2
32.0	1135	6.0			0.68	4.1		27.3	13.1	20.4
32.0	1135	7.0			0.71	4.3		27.6	13.2	20.7
31.0	1116	1.0	3.8	0.62	0.61	3.7	2.2	26.8	13.4	20.0
31.0	1116	2.0			0.61	3.7		26.8	13.4	19.9
31.0	1116	3.0			0.62	3.7		26.8	13.3	20.0
31.0	1116	4.0			0.61	3.7		27.1	13.3	20.2
31.0	1116	5.0			0.60	3.7		27.4	13.3	20.5
31.0	1116	6.0			0.61	3.7		27.6	13.3	20.6
31.0	1116	7.0			0.61	3.7		27.6	13.3	20.6
31.0	1116	8.0			0.62	3.7		27.7	13.3	20.7
31.0	1116	9.0			0.62	3.8		27.8	13.3	20.7
31.0	1116	10.0			0.62	3.7		27.9	13.3	20.8
31.0	1116	11.0			0.61	3.7		27.9	13.3	20.9
31.0	1116	12.0			0.61	3.7		28.0	13.3	20.9
31.0	1116	13.0			0.62	3.8		28.2	13.3	21.0
30.0	1056	1.0	3.6	0.51	0.58	3.5	2.2	28.0	13.2	21.0
30.0	1056	2.0			0.58	3.5		28.0	13.2	21.0
30.0	1056	3.0			0.58	3.5		28.0	13.2	21.0
30.0	1056	4.0			0.57	3.5		28.1	13.2	21.0
30.0	1056	5.0			0.58	3.5		28.1	13.2	21.0
30.0	1056	6.0			0.57	3.5		28.1	13.2	21.0
30.0	1056	7.0			0.58	3.5		28.3	13.3	21.1
30.0	1056	8.0			0.59	3.6		28.5	13.4	21.3
30.0	1056	9.0			0.60	3.6		28.7	13.3	21.4
30.0	1056	10.0			0.60	3.7		28.7	13.3	21.5
30.0	1056	11.0			0.60	3.6		28.7	13.2	21.5
30.0	1056	12.0			0.60	3.7		28.7	13.2	21.5
30.0	1056	13.0			0.61	3.7		28.8	13.2	21.6
30.0	1056	14.0	3.3	0.33	0.64	3.9		29.0	13.2	21.7
29.5	1040	1.0	3.0	0.57	0.53	3.3	2.4	28.8	13.3	21.5
29.5	1040	2.0			0.53	3.3		28.8	13.3	21.5
29.5	1040	3.0			0.53	3.3		28.8	13.3	21.5
29.5	1040	4.0			0.54	3.3		28.8	13.3	21.6
29.5	1040	5.0			0.54	3.3		28.8	13.4	21.6
29.5	1040	6.0			0.54	3.3		28.9	13.4	21.6
29.5	1040	7.0			0.55	3.4		28.8	13.4	21.6
29.5	1040	8.0			0.57	3.4		28.9	13.4	21.6
29.5	1040	9.0			0.58	3.5		28.9	13.4	21.6
29.5	1040	10.0			0.58	3.5		29.0	13.4	21.7
29.5	1040	11.0			0.58	3.5		29.0	13.3	21.7
29.5	1040	12.0			0.55	3.4		29.0	13.3	21.7
29.0	1023	1.0	3.3	0.62	0.54	3.3	2.4	28.8	13.3	21.5
29.0	1023	2.0			0.54	3.3		28.8	13.3	21.5
29.0	1023	3.0			0.54	3.3		28.8	13.3	21.5
29.0	1023	4.0			0.54	3.3		28.8	13.3	21.5

LOCATION: South San Francisco Bay
 DATE: March 5, 1991
 JULIAN DAY: 91064

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
29.0	1023	5.0			0.54	3.3		28.9	13.4	21.6
29.0	1023	6.0			0.53	3.2		29.0	13.4	21.7
29.0	1023	7.0			0.54	3.3		29.0	13.4	21.7
29.0	1023	8.0			0.55	3.4		29.1	13.4	21.7
29.0	1023	9.0			0.57	3.5		29.1	13.4	21.7
29.0	1023	10.0			0.58	3.5		29.1	13.4	21.8
29.0	1023	11.0			0.58	3.5		29.1	13.4	21.8
29.0	1023	12.0			0.59	3.6		29.2	13.4	21.8
29.0	1023	13.0	5.3	0.50	0.59	3.6		29.2	13.4	21.9
28.0	1007	1.0			0.52	3.2	3.0	29.2	13.3	21.8
28.0	1007	2.0			0.52	3.2		29.2	13.3	21.8
28.0	1007	3.0			0.52	3.2		29.2	13.3	21.8
28.0	1007	4.0			0.53	3.2		29.2	13.3	21.8
28.0	1007	5.0			0.53	3.2		29.2	13.3	21.8
28.0	1007	6.0			0.54	3.3		29.2	13.3	21.8
28.0	1007	7.0			0.53	3.3		29.3	13.3	21.9
28.0	1007	8.0			0.55	3.3		29.3	13.2	21.9
28.0	1007	9.0			0.54	3.3		29.3	13.2	22.0
28.0	1007	10.0			0.53	3.3		29.4	13.2	22.0
28.0	1007	11.0			0.52	3.2		29.5	13.1	22.1
28.0	1007	12.0			0.52	3.2		29.5	13.1	22.1
28.0	1007	13.0			0.51	3.1		29.5	13.1	22.1
28.0	1007	14.0			0.51	3.1		29.5	13.1	22.1
27.0	952	1.0	2.7	0.53	0.48	3.0	1.8	29.4	13.3	22.0
27.0	952	2.0			0.48	3.0		29.4	13.3	22.0
27.0	952	3.0			0.48	3.0		29.4	13.3	22.0
27.0	952	4.0			0.49	3.0		29.4	13.3	22.0
27.0	952	5.0			0.49	3.0		29.4	13.3	22.0
27.0	952	6.0			0.49	3.0		29.4	13.3	22.0
27.0	952	7.0			0.51	3.1		29.4	13.3	22.0
27.0	952	8.0			0.53	3.2		29.4	13.3	22.0
27.0	952	9.0			0.54	3.3		29.4	13.3	22.0
27.0	952	10.0			0.55	3.4		29.5	13.3	22.0
27.0	952	11.0			0.56	3.4		29.5	13.3	22.0
26.0	937	1.0			0.55	3.3	3.1	29.5	13.3	22.1
26.0	937	2.0			0.55	3.3		29.5	13.3	22.1
26.0	937	3.0			0.55	3.3		29.5	13.3	22.1
26.0	937	4.0			0.56	3.4		29.5	13.3	22.1
26.0	937	5.0			0.57	3.5		29.5	13.3	22.1
26.0	937	6.0			0.58	3.5		29.5	13.3	22.1
26.0	937	7.0			0.59	3.6		29.5	13.3	22.1
26.0	937	8.0			0.60	3.6		29.5	13.3	22.1
26.0	937	9.0			0.61	3.7		29.5	13.3	22.1
26.0	937	10.0			0.62	3.8		29.5	13.3	22.1
25.0	919	1.0	3.2	0.44	0.52	3.2	2.3	29.8	13.3	22.3
25.0	919	2.0			0.52	3.2		29.8	13.3	22.3
25.0	919	3.0			0.52	3.2		29.8	13.3	22.3
25.0	919	4.0			0.53	3.2		29.8	13.3	22.3
25.0	919	5.0			0.53	3.2		29.8	13.3	22.3
25.0	919	6.0			0.53	3.2		29.8	13.3	22.3
25.0	919	7.0			0.54	3.3		29.8	13.3	22.3
25.0	919	8.0	3.4	0.40	0.55	3.3		29.8	13.3	22.3
24.0	900	1.0	2.9	0.37	0.55	3.4	3.7	29.8	13.2	22.4
24.0	900	2.0			0.55	3.4		29.8	13.2	22.4
24.0	900	3.0			0.55	3.4		29.8	13.2	22.4
24.0	900	4.0			0.57	3.5		29.8	13.2	22.3
24.0	900	5.0			0.58	3.5		29.8	13.2	22.3
24.0	900	6.0			0.59	3.6		29.8	13.2	22.3
24.0	900	7.0			0.58	3.5		29.8	13.2	22.3

LOCATION: South San Francisco Bay
 DATE: March 5, 1991
 JULIAN DAY: 91064

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
24.0	900	8.0			0.59	3.6		29.8	13.2	22.3
24.0	900	9.0			0.59	3.6		29.8	13.2	22.4
24.0	900	10.0			0.59	3.6		29.8	13.2	22.4
23.0	829	1.0			0.50	3.0	3.0	29.8	13.3	22.3
23.0	829	2.0			0.50	3.0		29.8	13.3	22.3
23.0	829	3.0			0.49	3.0		29.8	13.3	22.3
23.0	829	4.0			0.49	3.0		29.8	13.3	22.3
23.0	829	5.0			0.50	3.1		29.8	13.3	22.3
23.0	829	6.0			0.51	3.1		29.8	13.3	22.3
23.0	829	7.0			0.52	3.2		29.8	13.3	22.3
23.0	829	8.0			0.53	3.2		29.8	13.3	22.3
23.0	829	9.0			0.54	3.3		29.8	13.3	22.3
23.0	829	10.0			0.53	3.2		29.8	13.3	22.3
23.0	829	11.0			0.52	3.2		29.8	13.3	22.3
23.0	829	12.0			0.52	3.2		29.8	13.2	22.3
23.0	829	13.0			0.51	3.1		29.8	13.3	22.3
23.0	829	14.0			0.51	3.1		29.8	13.2	22.3
23.0	829	15.0			0.51	3.1		29.8	13.2	22.4
22.0	823	1.0			0.54	3.3	4.1	30.2	13.0	22.7
22.0	823	2.0			0.54	3.3		30.2	13.0	22.7
22.0	823	3.0			0.54	3.3		30.2	13.0	22.7
22.0	823	4.0			0.55	3.4		30.2	13.0	22.7
22.0	823	5.0			0.55	3.3		30.2	13.0	22.6
22.0	823	6.0			0.55	3.4		30.2	13.0	22.6
22.0	823	7.0			0.57	3.4		30.2	13.0	22.6
22.0	823	8.0			0.56	3.4		30.2	13.0	22.7
22.0	823	9.0			0.57	3.5		30.2	13.0	22.7
22.0	823	10.0			0.57	3.5		30.2	13.0	22.7
22.0	823	11.0			0.55	3.4		30.2	13.0	22.7
22.0	823	12.0			0.54	3.3		30.2	13.0	22.7
22.0	823	13.0			0.55	3.3		30.2	13.0	22.7
22.0	823	14.0			0.53	3.2		30.2	13.0	22.7
22.0	823	15.0			0.53	3.2		30.2	13.0	22.7
22.0	823	16.0			0.53	3.2		30.2	13.0	22.7
21.0	805	1.0	3.8	0.46	0.64	3.9	3.8	29.5	13.1	22.1
21.0	805	2.0			0.64	3.9		29.5	13.1	22.1
21.0	805	3.0			0.65	3.9		29.5	13.1	22.1
21.0	805	4.0			0.66	4.0		29.6	13.1	22.2
21.0	805	5.0			0.66	4.0		29.8	13.1	22.3
21.0	805	6.0			0.65	4.0		29.8	13.1	22.4
21.0	805	7.0			0.65	4.0		29.9	13.1	22.4
21.0	805	8.0			0.66	4.0		30.0	13.1	22.5
21.0	805	9.0			0.66	4.0		29.9	13.1	22.5
21.0	805	10.0			0.66	4.0		29.9	13.1	22.5
21.0	805	11.0			0.66	4.0		30.0	13.1	22.5
21.0	805	12.0			0.64	3.9		30.0	13.1	22.5
21.0	805	13.0			0.64	3.9		30.0	13.1	22.5
21.0	805	14.0			0.66	4.0		30.0	13.1	22.5
21.0	805	15.0			0.64	3.9		30.0	13.1	22.5

Fluorometer Calibration: n r^2 A B Syx
 14 0.31 0.2 5.78 0.6

LOCATION: South San Francisco Bay
 DATE: March 11, 1991
 JULIAN DAY: 91069

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
32.0	654	1.0	3.1	0.41	0.67	3.8	4.4	27.4	11.9	20.7
32.0	654	2.0			0.67	3.8		27.4	11.9	20.7
32.0	654	3.0			0.67	3.8		27.4	11.9	20.7
32.0	654	4.0			0.69	4.0		27.4	11.9	20.7
32.0	654	5.0			0.73	4.2		27.4	11.9	20.7
32.0	654	6.0			0.76	4.4		27.5	11.9	20.7
32.0	654	7.0			0.78	4.6		27.5	11.9	20.8
32.0	654	8.0	5.0	0.33	0.81	4.8		27.6	11.9	20.8
32.0	654	9.0			0.84	4.9		27.6	11.9	20.9
31.0	715	1.0			0.59	3.4		28.0	12.5	21.1
31.0	715	2.0			0.59	3.4	3.8	28.0	12.5	21.1
31.0	715	3.0			0.59	3.4		28.0	12.5	21.1
31.0	715	4.0			0.59	3.4		28.0	12.5	21.1
31.0	715	5.0			0.59	3.4		28.0	12.5	21.1
31.0	715	6.0			0.60	3.4		28.0	12.5	21.1
31.0	715	7.0			0.60	3.4		28.0	12.5	21.1
31.0	715	8.0			0.61	3.5		28.1	12.5	21.1
31.0	715	9.0			0.61	3.5		28.1	12.5	21.1
31.0	715	10.0			0.61	3.5		28.1	12.6	21.1
31.0	715	11.0			0.61	3.5		28.2	12.6	21.2
31.0	715	12.0			0.61	3.5		28.3	12.6	21.3
31.0	715	13.0			0.60	3.5		28.4	12.5	21.4
31.0	715	14.0			0.60	3.5		28.4	12.4	21.4
30.0	734	1.0	3.1	0.37	0.57	3.2	2.7	28.7	12.7	21.6
30.0	734	2.0			0.57	3.2		28.7	12.7	21.6
30.0	734	3.0			0.57	3.3		28.7	12.7	21.6
30.0	734	4.0			0.57	3.3		28.7	12.7	21.6
30.0	734	5.0			0.57	3.3		28.7	12.7	21.6
30.0	734	6.0			0.57	3.3		28.7	12.7	21.6
30.0	734	7.0			0.57	3.3		28.7	12.7	21.6
30.0	734	8.0	4.7	0.37	0.59	3.4		28.7	12.7	21.6
30.0	734	9.0			0.60	3.4		28.8	12.6	21.6
30.0	734	10.0			0.61	3.5		28.8	12.5	21.7
30.0	734	11.0			0.64	3.7		28.8	12.4	21.7
30.0	734	12.0			0.66	3.8		28.8	12.2	21.7
30.0	734	13.0			0.70	4.1		28.8	12.1	21.8
30.0	734	14.0			0.71	4.1		28.8	12.2	21.8
29.0	757	1.0			0.56	3.2	1.7	29.1	12.9	21.8
29.0	757	2.0			0.56	3.2		29.1	12.9	21.8
29.0	757	3.0			0.55	3.1		29.1	12.9	21.8
29.0	757	4.0			0.55	3.1		29.1	12.9	21.8
29.0	757	5.0			0.55	3.1		29.1	12.9	21.8
29.0	757	6.0			0.55	3.1		29.1	12.9	21.9
29.0	757	7.0			0.55	3.1		29.1	12.9	21.9
29.0	757	8.0			0.57	3.2		29.2	12.8	21.9
29.0	757	9.0			0.59	3.4		29.2	12.7	22.0
29.0	757	10.0			0.60	3.4		29.3	12.7	22.0
29.0	757	11.0			0.60	3.4		29.3	12.7	22.0
29.0	757	12.0			0.60	3.5		29.3	12.6	22.1
29.0	757	13.0			0.63	3.6		29.4	12.6	22.1
29.0	757	14.0			0.64	3.7		29.4	12.6	22.1
29.0	757	15.0			0.66	3.8		29.4	12.6	22.1
28.0	814	1.0			0.55	3.1	2.3	29.3	13.0	22.0
28.0	814	2.0			0.55	3.1		29.3	13.0	22.0
28.0	814	3.0			0.55	3.1		29.3	13.0	22.0
28.0	814	4.0			0.54	3.1		29.3	13.0	22.0
28.0	814	5.0			0.54	3.1		29.3	13.0	22.0
28.0	814	6.0			0.55	3.1		29.3	13.0	22.0
28.0	814	7.0			0.55	3.1		29.4	13.0	22.0
28.0	814	8.0			0.56	3.2		29.4	13.0	22.0

LOCATION: South San Francisco Bay
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STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
28.0	814	9.0			0.56	3.2				
28.0	814	10.0			0.57	3.2		29.4	13.0	22.0
28.0	814	11.0			0.57	3.2		29.4	12.9	22.1
28.0	814	12.0			0.58	3.3		29.4	12.8	22.1
28.0	814	13.0			0.58	3.3		29.4	12.8	22.1
28.0	814	14.0			0.59	3.4		29.4	12.7	22.1
28.0	814	15.0			0.58	3.3		29.4	12.6	22.1
								29.4	12.6	22.2
27.0	828	1.0	3.4	0.57	0.62	3.6	1.9	29.5	12.7	22.2
27.0	828	2.0			0.62	3.6		29.5	12.7	22.2
27.0	828	3.0			0.62	3.6		29.5	12.7	22.2
27.0	828	4.0			0.62	3.6		29.5	12.7	22.2
27.0	828	5.0			0.62	3.6		29.5	12.7	22.2
27.0	828	6.0			0.62	3.5		29.5	12.7	22.2
27.0	828	7.0			0.62	3.5		29.5	12.7	22.2
27.0	828	8.0			0.62	3.6		29.5	12.7	22.2
27.0	828	9.0			0.61	3.5		29.5	12.7	22.2
27.0	828	10.0			0.61	3.5		29.5	12.7	22.2
27.0	828	11.0			0.61	3.5		29.5	12.7	22.2
27.0	828	12.0	3.9	0.55	0.61	3.5		29.5	12.7	22.2
								29.5	12.7	22.2
26.0	841	1.0			0.46	2.6	1.1	29.3	12.7	22.1
26.0	841	2.0			0.46	2.6		29.3	12.7	22.1
26.0	841	3.0			0.46	2.6		29.3	12.7	22.1
26.0	841	4.0			0.45	2.5		29.3	12.7	22.1
26.0	841	5.0			0.45	2.5		29.3	12.7	22.1
26.0	841	6.0			0.44	2.5		29.3	12.7	22.1
26.0	841	7.0			0.44	2.4		29.4	12.7	22.1
26.0	841	8.0			0.43	2.4		29.4	12.7	22.1
26.0	841	9.0			0.43	2.4		29.4	12.7	22.1
26.0	841	10.0			0.43	2.4		29.4	12.7	22.1
								29.4	12.7	22.1
25.0	857	1.0			0.43	2.4	1.3	28.9	12.6	21.8
25.0	857	2.0			0.43	2.4		28.9	12.6	21.8
25.0	857	3.0			0.43	2.4		28.9	12.6	21.8
25.0	857	4.0			0.42	2.3		28.9	12.6	21.8
25.0	857	5.0			0.42	2.3		28.9	12.6	21.8
25.0	857	6.0			0.42	2.3		28.9	12.6	21.8
25.0	857	7.0			0.42	2.3		28.9	12.5	21.8
25.0	857	8.0			0.42	2.3		28.9	12.5	21.8
25.0	857	9.0			0.41	2.3		28.9	12.5	21.8
								28.9	12.6	21.8
24.0	912	1.0	2.0	0.65	0.43	2.4	1.2	28.8	12.7	21.6
24.0	912	2.0			0.43	2.4		28.8	12.6	21.6
24.0	912	3.0			0.43	2.4		28.8	12.6	21.6
24.0	912	4.0			0.42	2.3		28.8	12.6	21.6
24.0	912	5.0			0.42	2.3		28.8	12.6	21.6
24.0	912	6.0			0.41	2.3		28.8	12.6	21.6
24.0	912	7.0			0.40	2.2		28.8	12.6	21.6
24.0	912	8.0			0.40	2.2		28.8	12.6	21.6
24.0	912	9.0			0.40	2.2		28.8	12.6	21.6
24.0	912	10.0			0.39	2.1		28.8	12.6	21.6
24.0	912	11.0			0.40	2.2		28.8	12.6	21.6
								28.8	12.6	21.6
23.0	928	1.0			0.39	2.1	1.3	28.8	12.5	21.7
23.0	928	2.0			0.39	2.1		28.8	12.5	21.7
23.0	928	3.0			0.39	2.1		28.8	12.5	21.7
23.0	928	4.0			0.39	2.1		28.8	12.5	21.7
23.0	928	5.0			0.39	2.1		28.8	12.5	21.7
23.0	928	6.0			0.39	2.1		28.8	12.5	21.7
23.0	928	7.0			0.38	2.1		28.8	12.5	21.7
23.0	928	8.0			0.39	2.1		28.8	12.5	21.7
23.0	928	9.0			0.39	2.1		28.8	12.5	21.7
23.0	928	10.0			0.38	2.1		28.8	12.5	21.7
								28.8	12.5	21.7

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STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
23.0	928	11.0								
23.0	928	12.0			0.39	2.1		28.8	12.5	21.7
23.0	928	13.0			0.39	2.1		28.8	12.5	21.7
23.0	928	14.0			0.39	2.2		28.8	12.5	21.7
23.0	928	15.0			0.39	2.2		28.8	12.5	21.7
23.0	928	16.0			0.40	2.2		28.8	12.5	21.7
					0.40	2.2		28.8	12.5	21.7
22.0	944	1.0								
22.0	944	2.0			0.46	2.6	1.1	28.4	12.2	21.4
22.0	944	3.0			0.46	2.6		28.2	12.1	21.3
22.0	944	4.0			0.46	2.5		28.1	12.1	21.3
22.0	944	5.0			0.46	2.6		28.2	12.1	21.2
22.0	944	6.0			0.46	2.5		28.1	12.1	21.3
22.0	944	7.0			0.44	2.4		28.7	12.3	21.2
22.0	944	8.0			0.42	2.3		29.0	12.4	21.6
22.0	944	9.0			0.40	2.2		29.1	12.4	21.8
22.0	944	10.0			0.39	2.1		29.3	12.5	21.9
22.0	944	11.0			0.37	2.0		29.5	12.5	22.1
22.0	944	12.0			0.35	1.9		29.6	12.5	22.2
22.0	944	13.0			0.34	1.8		29.7	12.5	22.3
22.0	944	14.0			0.33	1.8		29.8	12.5	22.4
22.0	944	15.0			0.32	1.7		29.8	12.5	22.4
22.0	944	16.0			0.32	1.7		29.8	12.5	22.5
22.0	944	17.0			0.31	1.7		29.8	12.5	22.5
22.0	944	18.0			0.31	1.7		29.8	12.5	22.5
22.0	944	19.0			0.32	1.7		29.8	12.5	22.5
					0.31	1.6		29.9	12.5	22.5
21.0	958	1.0	2.5	0.66						
21.0	958	2.0			0.43	2.4	1.2	28.4	12.4	21.4
21.0	958	3.0			0.43	2.4		28.5	12.4	21.5
21.0	958	4.0			0.41	2.2		29.0	12.3	21.8
21.0	958	5.0			0.40	2.2		29.2	12.3	21.8
21.0	958	6.0			0.39	2.1		29.5	12.3	22.0
21.0	958	7.0			0.38	2.1		29.7	12.3	22.3
21.0	958	8.0			0.37	2.0		29.8	12.4	22.4
21.0	958	9.0			0.37	2.0		29.9	12.4	22.5
21.0	958	10.0			0.37	2.0		29.9	12.4	22.6
21.0	958	11.0			0.36	1.9		29.9	12.5	22.6
21.0	958	12.0			0.34	1.8		30.0	12.5	22.6
21.0	958	13.0			0.33	1.8		30.1	12.5	22.6
21.0	958	14.0			0.32	1.7		30.2	12.4	22.7
21.0	958	15.0			0.32	1.7		30.3	12.4	22.8
21.0	958	16.0			0.32	1.7		30.4	12.4	22.9
21.0	958	17.0	1.9	0.49	0.32	1.7		30.4	12.4	22.9
					0.31	1.7		30.4	12.4	23.0

Fluorometer Calibration: n r² A B Syx
 9 0.86 -0.3 6.20 0.4

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 JULIAN DAY: 91070

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
18.0	1025	1.0	1.2	0.71	0.34	0.9	0.6	29.2	12.3	22.1
18.0	1025	2.0			0.34	0.9		29.4	12.3	22.2
18.0	1025	3.0			0.35	0.9		29.5	12.3	22.3
18.0	1025	4.0			0.35	1.0		29.5	12.3	22.3
18.0	1025	5.0			0.35	1.0		29.6	12.3	22.3
18.0	1025	6.0			0.35	1.0		29.7	12.3	22.4
18.0	1025	7.0			0.36	1.1		29.8	12.3	22.5
18.0	1025	8.0			0.36	1.1		30.3	12.3	22.9
18.0	1025	9.0			0.35	1.1		30.5	12.3	23.0
18.0	1025	10.0			0.35	0.9		30.6	12.3	23.2
18.0	1025	11.0			0.33	0.8		30.8	12.3	23.3
18.0	1025	12.0			0.33	0.7		30.9	12.3	23.3
18.0	1025	13.0			0.32	0.6		30.9	12.3	23.4
18.0	1025	14.0			0.32	0.5		30.9	12.3	23.4
18.0	1025	15.0			0.31	0.5		30.9	12.3	23.4
18.0	1025	16.0			0.31	0.5		31.0	12.3	23.4
18.0	1025	17.0			0.31	0.4		31.0	12.3	23.5
18.0	1025	18.0			0.31	0.4		31.1	12.3	23.5
18.0	1025	19.0			0.31	0.5		31.1	12.3	23.5
18.0	1025	20.0			0.31	0.5		31.1	12.3	23.5
18.0	1025	21.0			0.31	0.4		31.1	12.3	23.5
18.0	1025	22.0			0.31	0.5		31.1	12.3	23.5
18.0	1025	23.0			0.31	0.4		31.1	12.3	23.5
18.0	1025	24.0			0.31	0.5		31.1	12.3	23.5
18.0	1025	25.0			0.31	0.4		31.1	12.3	23.5
18.0	1025	26.0			0.31	0.5		31.1	12.3	23.5
18.0	1025	27.0			0.31	0.4		31.1	12.3	23.5
18.0	1025	28.0			0.30	0.4		31.1	12.3	23.5
18.0	1025	29.0			0.31	0.5		31.1	12.3	23.5
18.0	1025	30.0			0.33	0.7		31.1	12.3	23.5
18.0	1025	31.0			0.32	0.6		31.1	12.3	23.5
18.0	1025	32.0			0.32	0.5		31.1	12.3	23.5
18.0	1025	33.0			0.32	0.6		31.2	12.3	23.6
18.0	1025	34.0			0.32	0.6		31.2	12.3	23.6
18.0	1025	35.0			0.32	0.6		31.2	12.3	23.6
18.0	1025	36.0			0.33	0.7		31.2	12.3	23.6
18.0	1025	37.0			0.33	0.7		31.2	12.3	23.6
18.0	1025	38.0			0.33	0.7		31.2	12.3	23.6
18.0	1025	39.0	1.6	0.50	0.33	0.8		31.2	12.3	23.6
15.0	1147	1.0	4.2	0.82	0.47	2.6	1.2	24.3	12.6	18.2
15.0	1147	2.0			0.47	2.6		24.5	12.4	18.4
15.0	1147	3.0			0.48	2.7		24.7	12.1	18.6
15.0	1147	4.0			0.48	2.7		24.7	12.1	18.6
15.0	1147	5.0			0.49	2.8		24.7	12.1	18.6
15.0	1147	6.0			0.50	2.9		24.7	12.1	18.6
15.0	1147	7.0			0.50	3.0		24.9	12.1	18.7
15.0	1147	8.0			0.50	3.0		25.4	12.2	19.1
15.0	1147	9.0			0.50	2.9		26.1	12.2	19.7
15.0	1147	10.0			0.47	2.6		26.7	12.3	20.1
15.0	1147	11.0			0.43	2.0		27.5	12.4	20.7
15.0	1147	12.0			0.40	1.7		27.8	12.4	20.9
15.0	1147	13.0			0.38	1.3		27.9	12.4	21.0
15.0	1147	14.0			0.36	1.1		28.2	12.4	21.3
15.0	1147	15.0			0.35	0.9		28.4	12.5	21.4
15.0	1147	16.0			0.34	0.9		28.5	12.5	21.4
15.0	1147	17.0			0.33	0.8		28.5	12.5	21.5
15.0	1147	18.0			0.35	1.0		28.6	12.4	21.5
15.0	1147	19.0			0.36	1.1		28.6	12.4	21.5
15.0	1147	20.0			0.37	1.3		28.6	12.4	21.6
15.0	1147	21.0			0.38	1.3		28.6	12.4	21.6
15.0	1147	22.0			0.38	1.4		28.7	12.4	21.6
14.0	1211	1.0			0.49	2.8	1.8	22.9	12.1	17.2

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 JULIAN DAY: 91070

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
14.0	1211	2.0								
14.0	1211	3.0			0.49	2.8		23.2	11.8	17.5
14.0	1211	4.0			0.50	2.9		23.6	12.0	17.7
14.0	1211	5.0			0.47	2.5		23.8	12.0	17.9
14.0	1211	6.0			0.44	2.2		25.0	12.3	18.8
14.0	1211	7.0			0.41	1.8		26.2	12.5	19.7
14.0	1211	8.0			0.40	1.6		27.0	12.5	20.3
14.0	1211	9.0			0.38	1.4		27.6	12.5	20.7
14.0	1211	10.0			0.39	1.5		27.8	12.5	20.9
14.0	1211	11.0			0.37	1.3		27.9	12.5	21.0
14.0	1211	12.0			0.37	1.2		28.0	12.5	21.0
14.0	1211	13.0			0.36	1.1		28.0	12.5	21.1
					0.38	1.3		28.0	12.5	21.1
13.0	1229	1.0	4.7	0.81	0.67	5.1	0.9	21.5	12.7	16.0
13.0	1229	2.0			0.67	5.1		21.8	12.3	16.3
13.0	1229	3.0			0.68	5.2		22.3	12.3	16.7
13.0	1229	4.0			0.63	4.6		22.8	12.1	17.1
13.0	1229	5.0			0.58	4.0		22.9	12.1	17.2
13.0	1229	6.0			0.53	3.3		23.4	12.4	17.5
13.0	1229	7.0			0.49	2.8		25.4	12.5	19.1
13.0	1229	8.0			0.46	2.4		26.6	12.5	20.0
13.0	1229	9.0			0.45	2.3		27.0	12.5	20.3
12.0	1300	1.0	7.9	0.84	0.69	5.4	1.5	18.7	12.6	13.9
12.0	1300	2.0			0.69	5.4		18.7	12.5	13.9
12.0	1300	3.0			0.71	5.6		18.8	12.3	14.0
12.0	1300	4.0			0.60	4.2		20.5	12.1	15.3
12.0	1300	5.0			0.55	3.6		22.4	12.4	16.7
12.0	1300	6.0			0.49	2.8		24.3	12.6	18.2
12.0	1300	7.0			0.46	2.5		24.9	12.6	18.7
12.0	1300	8.0			0.44	2.2		25.2	12.6	18.9
12.0	1300	9.0			0.43	2.0		25.2	12.6	18.9
11.0	1324	1.0			0.60	4.2	1.5	18.0	12.8	13.3
11.0	1324	2.0			0.60	4.2		18.3	12.6	13.5
11.0	1324	3.0			0.61	4.3		18.4	12.6	13.7
11.0	1324	4.0			0.61	4.3		18.5	12.5	13.7
11.0	1324	5.0			0.60	4.2		18.6	12.4	13.8
11.0	1324	6.0			0.59	4.2		18.9	12.3	14.0
11.0	1324	7.0			0.60	4.2		18.9	12.3	14.1
11.0	1324	8.0			0.59	4.1		19.7	12.3	14.7
11.0	1324	9.0			0.59	4.1		20.7	12.4	15.4
11.0	1324	10.0			0.59	4.1		21.1	12.4	15.8
11.0	1324	11.0			0.61	4.4		21.4	12.4	16.0
11.0	1324	12.0			0.64	4.8		21.6	12.4	16.1
11.0	1324	13.0			0.68	5.3		21.9	12.4	16.3
11.0	1324	14.0			0.67	5.2		22.2	12.4	16.6
11.0	1324	15.0			0.65	4.9		22.5	12.5	16.8
10.0	1352	1.0	3.7	0.67	0.50	3.0	1.7	16.9	12.8	12.5
10.0	1352	2.0			0.50	3.0		16.9	12.8	12.5
10.0	1352	3.0			0.50	3.0		16.9	12.8	12.5
10.0	1352	4.0			0.50	3.0		17.0	12.7	12.5
10.0	1352	5.0			0.50	3.0		17.3	12.7	12.7
10.0	1352	6.0			0.50	3.0		18.1	12.6	13.4
10.0	1352	7.0			0.50	2.9		18.5	12.6	13.8
10.0	1352	8.0			0.51	3.1		18.8	12.6	13.9
10.0	1352	9.0			0.51	3.1		19.0	12.6	14.1
10.0	1352	10.0			0.51	3.1		19.5	12.6	14.5
10.0	1352	11.0			0.51	3.1		19.8	12.6	14.7
10.0	1352	12.0			0.53	3.3		20.0	12.6	14.8
10.0	1352	13.0			0.53	3.4		20.0	12.6	14.9
10.0	1352	14.0			0.53	3.4		20.0	12.6	14.9
10.0	1352	15.0			0.53	3.4		20.0	12.6	14.9

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STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
10.0	1352	16.0			0.56	3.7		20.1	12.6	14.9
9.0	1415	1.0			0.49	2.8	2.9	16.2	12.9	11.9
9.0	1415	2.0			0.49	2.8		16.2	12.9	11.9
9.0	1415	3.0			0.49	2.8		16.3	12.9	12.0
9.0	1415	4.0			0.51	3.0		16.8	12.9	12.3
9.0	1415	5.0			0.51	3.1		16.9	12.9	12.5
9.0	1415	6.0			0.52	3.2		17.0	12.9	12.5
9.0	1415	7.0			0.53	3.3		16.9	12.9	12.5
9.0	1415	8.0			0.53	3.4		17.0	12.9	12.5
9.0	1415	9.0			0.54	3.4		17.0	12.9	12.6
9.0	1415	10.0			0.53	3.3		17.2	12.9	12.6
9.0	1415	11.0			0.52	3.2		17.8	12.8	13.1
9.0	1415	12.0			0.52	3.2		18.0	12.8	13.3
9.0	1415	13.0			0.51	3.1		18.1	12.8	13.4
9.0	1415	14.0			0.51	3.1		18.0	12.8	13.3
9.0	1415	15.0			0.51	3.0		18.1	12.8	13.4
9.0	1415	16.0			0.51	3.0		18.3	12.7	13.5
9.0	1415	17.0			0.50	3.0		18.6	12.7	13.8
9.0	1415	18.0			0.50	3.0		18.6	12.7	13.8
9.0	1415	19.0			0.50	3.0		18.7	12.7	13.8
9.0	1415	20.0			0.53	3.3		18.7	12.7	13.8
9.0	1415	21.0			0.54	3.5		18.7	12.7	13.9
9.0	1415	22.0			0.56	3.7		18.7	12.7	13.8
8.0	1434	1.0	3.1	0.78	0.48	2.7	2.6	12.3	13.3	8.9
8.0	1434	2.0			0.48	2.7		12.4	13.3	8.9
8.0	1434	3.0			0.48	2.7		12.8	13.1	9.3
8.0	1434	4.0			0.47	2.6		12.9	13.1	9.3
8.0	1434	5.0			0.48	2.7		12.8	13.1	9.3
8.0	1434	6.0			0.48	2.7		12.9	13.1	9.3
8.0	1434	7.0			0.48	2.7		13.0	12.9	9.4
8.0	1434	8.0			0.48	2.6		13.1	12.8	9.5
8.0	1434	9.0			0.47	2.6		13.1	12.8	9.6
8.0	1434	10.0			0.46	2.5		13.3	12.8	9.7
8.0	1434	11.0			0.45	2.3		13.3	12.8	9.7
8.0	1434	12.0			0.44	2.1		13.5	12.8	9.9
8.0	1434	13.0			0.44	2.1		13.5	12.8	9.8
8.0	1434	14.0			0.43	2.1		13.5	12.8	9.9
8.0	1434	15.0			0.43	2.0		13.8	12.8	10.1
7.0	1519	1.0			0.44	2.2	3.0	10.2	12.8	7.3
7.0	1519	2.0			0.44	2.2		10.3	12.8	7.4
7.0	1519	3.0			0.44	2.2		10.4	12.8	7.4
7.0	1519	4.0			0.44	2.2		10.4	12.8	7.5
7.0	1519	5.0			0.45	2.3		10.4	12.8	7.5
7.0	1519	6.0			0.45	2.3		10.5	12.8	7.5
7.0	1519	7.0			0.45	2.3		10.5	12.8	7.5
7.0	1519	8.0			0.46	2.4		11.0	12.8	7.9
7.0	1519	9.0			0.46	2.4		11.2	12.8	8.0
7.0	1519	10.0			0.45	2.2		11.4	12.8	8.2
7.0	1519	11.0			0.43	2.1		11.8	12.7	8.6
7.0	1519	12.0			0.43	2.0		12.0	12.7	8.7
7.0	1519	13.0			0.42	1.9		12.0	12.7	8.7
6.0	1540	1.0	1.3	0.37	0.43	2.0	3.5	6.7	12.7	4.6
6.0	1540	2.0			0.43	2.0		6.7	12.7	4.6
6.0	1540	3.0			0.43	2.0		6.7	12.7	4.6
6.0	1540	4.0			0.43	2.0		6.8	12.7	4.6
6.0	1540	5.0			0.43	2.0		6.8	12.7	4.7
6.0	1540	6.0			0.44	2.1		6.8	12.7	4.7
6.0	1540	7.0			0.44	2.1		7.0	12.7	4.8
6.0	1540	8.0			0.44	2.2		6.9	12.7	4.8
6.0	1540	9.0			0.45	2.2		7.1	12.7	4.9

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STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
6.0	1540	10.0								
6.0	1540	11.0			0.44	2.2		7.2	12.8	5.0
6.0	1540	12.0			0.43	2.0		7.3	12.8	5.0
6.0	1540	13.0			0.42	2.0		7.3	12.8	5.0
6.0	1540	14.0			0.42	1.9		7.4	12.8	5.1
					0.41	1.8		7.5	12.8	5.2
5.0	1619	1.0								
5.0	1619	2.0			0.43	2.0	4.4	3.5	12.9	2.1
5.0	1619	3.0			0.43	2.0		3.5	12.9	2.1
5.0	1619	4.0			0.43	2.0		3.6	12.9	2.2
5.0	1619	5.0			0.43	2.0		3.6	12.9	2.2
5.0	1619	6.0			0.43	2.1		3.6	12.8	2.2
5.0	1619	7.0			0.43	2.1		3.7	12.8	2.3
5.0	1619	8.0			0.44	2.2		3.8	12.8	2.3
5.0	1619	9.0			0.44	2.2		3.8	12.8	2.3
5.0	1619	10.0			0.45	2.2		3.8	12.8	2.4
5.0	1619	11.0			0.44	2.2		3.8	12.8	2.4
					0.43	2.0		3.9	12.8	2.4
4.0	1644	1.0	1.6	0.26						
4.0	1644	2.0			0.47	2.6	6.5	2.1	12.8	1.0
4.0	1644	3.0			0.47	2.6		2.1	12.8	1.0
4.0	1644	4.0			0.47	2.6		2.1	12.8	1.1
4.0	1644	5.0			0.48	2.6		2.2	12.8	1.1
4.0	1644	6.0			0.48	2.6		2.2	12.8	1.1
4.0	1644	7.0			0.48	2.6		2.2	12.8	1.1
4.0	1644	8.0			0.48	2.7		2.2	12.8	1.1
4.0	1644	9.0			0.48	2.7		2.2	12.8	1.1
4.0	1644	10.0			0.48	2.7		2.2	12.8	1.1
4.0	1644	11.0			0.47	2.5		2.2	12.8	1.1
					0.45	2.3		2.2	12.8	1.1
3.0	1719	1.0								
3.0	1719	2.0			0.49	2.8	4.6	0.9	12.7	0.1
3.0	1719	3.0			0.49	2.8		0.9	12.7	0.1
3.0	1719	4.0			0.49	2.8		0.9	12.8	0.1
3.0	1719	5.0			0.49	2.8		0.9	12.8	0.1
3.0	1719	6.0			0.49	2.8		0.9	12.8	0.1
3.0	1719	7.0			0.49	2.8		0.9	12.8	0.1
3.0	1719	8.0			0.49	2.8		0.9	12.8	0.1
3.0	1719	9.0			0.49	2.8		0.9	12.8	0.1
3.0	1719	10.0			0.49	2.8		0.9	12.8	0.1
3.0	1719	11.0			0.48	2.6		0.9	12.8	0.1
					0.46	2.4		1.0	12.8	0.1
2.0	1733	1.0	1.7	0.40						
2.0	1733	2.0			0.51	3.1	6.1	0.5	12.5	0.0
2.0	1733	3.0			0.51	3.1		0.5	12.6	0.0
2.0	1733	4.0			0.51	3.1		0.5	12.6	0.0
2.0	1733	5.0			0.52	3.2		0.5	12.6	0.0
2.0	1733	6.0			0.52	3.2		0.5	12.6	0.0
2.0	1733	7.0			0.52	3.2		0.5	12.6	0.0
2.0	1733	8.0			0.52	3.2		0.5	12.6	0.0
2.0	1733	9.0			0.52	3.2		0.5	12.6	0.0
					0.52	3.2		0.5	12.5	0.0
649.0	1756	1.0								
649.0	1756	2.0			0.56	3.8	11.4	0.2	12.2	0.0
649.0	1756	3.0			0.56	3.8		0.2	12.2	0.0
649.0	1756	4.0			0.57	3.8		0.2	12.2	0.0
649.0	1756	5.0			0.57	3.8		0.2	12.2	0.0
649.0	1756	6.0			0.57	3.9		0.2	12.2	0.0
649.0	1756	7.0			0.58	4.0		0.2	12.2	0.0
649.0	1756	8.0			0.58	4.0		0.2	12.2	0.0
649.0	1756	9.0			0.59	4.0		0.2	12.2	0.0
649.0	1756	10.0			0.59	4.1		0.2	12.2	0.0
					0.59	4.0		0.2	12.2	0.0
653.0	1828	1.0	2.5	0.54	0.59	4.1		0.1	12.0	0.0

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STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
653.0	1828	2.0			0.59	4.1		0.1	12.0	0.0
653.0	1828	3.0			0.59	4.1		0.1	12.1	0.0
653.0	1828	4.0			0.59	4.1		0.1	12.1	0.0
653.0	1828	5.0			0.59	4.1		0.1	12.1	0.0
653.0	1828	6.0			0.59	4.1		0.1	12.1	0.0
653.0	1828	7.0			0.59	4.2		0.1	12.1	0.0
653.0	1828	8.0			0.60	4.2		0.1	12.1	0.0
653.0	1828	9.0			0.59	4.2		0.1	12.1	0.0
657.0	1856	1.0	2.7	0.61	0.58	3.9		0.1	12.2	0.0
657.0	1856	2.0			0.58	3.9		0.1	12.2	0.0
657.0	1856	3.0			0.58	4.0		0.1	12.2	0.0
657.0	1856	4.0			0.58	4.0		0.1	12.2	0.0
657.0	1856	5.0			0.58	4.0		0.1	12.2	0.0
657.0	1856	6.0			0.58	4.0		0.1	12.2	0.0
657.0	1856	7.0			0.59	4.0		0.1	12.2	0.0
657.0	1856	8.0			0.59	4.1		0.1	12.2	0.0
657.0	1856	9.0			0.59	4.1		0.1	12.2	0.0

Fluorometer Calibration: n r² A B Syx
 12 0.56 -3.6 12.99 1.3

LOCATION: South San Francisco Bay
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STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
33.0	1125	1.0	6.6	0.67	0.88	5.8	3.4	26.3	11.3	19.9
33.0	1125	2.0			0.88	5.8		26.3	11.4	19.9
33.0	1125	3.0			0.89	5.9		26.3	11.3	20.0
33.0	1125	4.0			0.88	5.8		26.4	11.2	20.1
33.0	1125	5.0			0.87	5.8		26.5	11.1	20.2
33.0	1125	6.0			0.88	5.8		26.6	11.2	20.2
33.0	1125	7.0			0.90	5.9		26.9	11.2	20.4
33.0	1125	8.0			0.93	6.1		27.1	11.1	20.6
33.0	1125	9.0			0.99	6.6		27.2	11.1	20.7
33.0	1125	10.0			1.02	6.8		27.3	11.1	20.7
33.0	1125	11.0	6.9	0.26	1.04	7.0	3.5	27.3	11.1	20.7
32.0	1110	1.0			0.81	5.3		26.9	11.4	20.4
32.0	1110	2.0			0.81	5.3		26.9	11.3	20.4
32.0	1110	3.0			0.81	5.3		26.9	11.2	20.4
32.0	1110	4.0			0.81	5.3		27.0	11.1	20.5
32.0	1110	5.0			0.82	5.4		27.0	11.1	20.5
32.0	1110	6.0			0.83	5.4		27.0	11.2	20.6
32.0	1110	7.0			0.84	5.5		27.1	11.2	20.6
32.0	1110	8.0			0.89	5.9		27.4	11.3	20.8
32.0	1110	9.0			0.91	6.0		27.4	11.3	20.8
32.0	1110	10.0			0.94	6.2		27.4	11.2	20.8
32.0	1110	11.0			0.95	6.3		27.4	11.2	20.8
32.0	1110	12.0			0.96	6.4		27.4	11.2	20.8
31.0	1057	1.0	5.3	0.54	0.80	5.2	3.3	27.1	11.4	20.6
31.0	1057	2.0			0.80	5.2		27.2	11.3	20.7
31.0	1057	3.0			0.79	5.2		27.3	11.3	20.7
31.0	1057	4.0			0.81	5.3		27.4	11.3	20.8
31.0	1057	5.0			0.82	5.3		27.4	11.3	20.9
31.0	1057	6.0			0.81	5.3		27.5	11.3	20.9
31.0	1057	7.0			0.81	5.3		27.5	11.3	20.9
31.0	1057	8.0			0.82	5.4		27.5	11.3	20.9
31.0	1057	9.0			0.83	5.4		27.6	11.3	20.9
31.0	1057	10.0			0.83	5.5		27.6	11.3	21.0
31.0	1057	11.0			0.87	5.7		27.7	11.3	21.0
31.0	1057	12.0			0.90	6.0		27.8	11.3	21.1
31.0	1057	13.0			0.93	6.2		27.8	11.3	21.1
30.0	1040	1.0	5.0	0.50	0.75	4.9	4.3	28.0	11.5	21.2
30.0	1040	2.0			0.75	4.9		28.0	11.5	21.2
30.0	1040	3.0			0.75	4.9		28.0	11.5	21.2
30.0	1040	4.0			0.76	4.9		28.0	11.5	21.3
30.0	1040	5.0			0.76	4.9		28.0	11.5	21.3
30.0	1040	6.0			0.77	5.0		28.0	11.4	21.3
30.0	1040	7.0			0.79	5.1		28.0	11.4	21.3
30.0	1040	8.0			0.81	5.3		28.0	11.4	21.2
30.0	1040	9.0			0.83	5.4		28.0	11.3	21.2
30.0	1040	10.0			0.84	5.5		28.0	11.4	21.3
30.0	1040	11.0			0.86	5.6		28.0	11.4	21.3
30.0	1040	12.0			0.89	5.8		28.0	11.4	21.3
30.0	1040	13.0	5.7	0.23	0.91	6.1	4.1	28.0	11.4	21.3
29.5	1025	1.0			0.81	5.3		28.0	11.5	21.2
29.5	1025	2.0			0.81	5.3		28.0	11.4	21.3
29.5	1025	3.0			0.83	5.4		28.1	11.4	21.3
29.5	1025	4.0			0.84	5.5		28.1	11.4	21.4
29.5	1025	5.0			0.86	5.6		28.2	11.4	21.4
29.5	1025	6.0			0.86	5.6		28.2	11.4	21.4
29.5	1025	7.0			0.87	5.7		28.2	11.4	21.4
29.5	1025	8.0			0.88	5.8		28.2	11.4	21.4
29.5	1025	9.0			0.88	5.8		28.2	11.5	21.4
29.5	1025	10.0			0.89	5.9		28.2	11.5	21.4
29.5	1025	11.0			0.89	5.9		28.2	11.5	21.4

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STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
29.5	1025	12.0								
29.5	1025	13.0			0.89	5.9		28.3	11.5	21.5
29.5	1025	14.0			0.90	6.0		28.4	11.6	21.5
					0.93	6.2		28.5	11.6	21.6
29.0	1012	1.0	4.7	0.46	0.77	5.0	3.9	28.2	11.6	21.4
29.0	1012	2.0			0.77	5.0		28.2	11.6	21.4
29.0	1012	3.0			0.77	5.0		28.3	11.5	21.4
29.0	1012	4.0			0.79	5.1		28.3	11.6	21.5
29.0	1012	5.0			0.80	5.2		28.3	11.6	21.5
29.0	1012	6.0			0.81	5.3		28.4	11.6	21.5
29.0	1012	7.0			0.82	5.4		28.4	11.6	21.6
29.0	1012	8.0			0.83	5.4		28.5	11.5	21.6
29.0	1012	9.0			0.84	5.5		28.5	11.5	21.6
29.0	1012	10.0			0.83	5.4		28.5	11.5	21.6
29.0	1012	11.0			0.83	5.4		28.5	11.6	21.7
29.0	1012	12.0			0.84	5.5		28.5	11.6	21.7
29.0	1012	13.0			0.86	5.6		28.6	11.6	21.7
29.0	1012	14.0	4.6	0.19	0.87	5.7		28.6	11.6	21.7
28.0	1000	1.0			0.71	4.6	3.9	28.4	11.7	21.5
28.0	1000	2.0			0.71	4.6		28.4	11.6	21.6
28.0	1000	3.0			0.71	4.6		28.5	11.6	21.6
28.0	1000	4.0			0.72	4.7		28.5	11.6	21.7
28.0	1000	5.0			0.74	4.7		28.6	11.6	21.7
28.0	1000	6.0			0.74	4.8		28.6	11.6	21.7
28.0	1000	7.0			0.73	4.7		28.6	11.5	21.7
28.0	1000	8.0			0.73	4.7		28.6	11.5	21.7
28.0	1000	9.0			0.73	4.7		28.7	11.6	21.8
28.0	1000	10.0			0.72	4.6		28.7	11.6	21.8
28.0	1000	11.0			0.72	4.6		28.7	11.6	21.8
28.0	1000	12.0			0.71	4.6		28.7	11.6	21.8
28.0	1000	13.0			0.71	4.6		28.7	11.6	21.8
28.0	1000	14.0			0.72	4.6		28.8	11.6	21.8
27.0	944	1.0	5.1	0.65	0.69	4.4	2.8	28.6	11.7	21.7
27.0	944	2.0			0.69	4.4		28.6	11.7	21.7
27.0	944	3.0			0.68	4.4		28.6	11.6	21.7
27.0	944	4.0			0.68	4.3		28.6	11.6	21.7
27.0	944	5.0			0.69	4.4		28.6	11.6	21.7
27.0	944	6.0			0.70	4.5		28.7	11.6	21.7
27.0	944	7.0			0.71	4.6		28.7	11.6	21.7
27.0	944	8.0			0.72	4.7		28.7	11.6	21.7
27.0	944	9.0			0.73	4.7		28.7	11.6	21.7
27.0	944	10.0			0.73	4.7		28.7	11.6	21.7
27.0	944	11.0			0.73	4.7		28.7	11.6	21.7
27.0	944	12.0	4.5	0.31	0.72	4.6		28.7	11.6	21.7
					0.72	4.6		28.7	11.6	21.7
26.0	932	1.0			0.70	4.5	4.4	28.8	11.9	21.8
26.0	932	2.0			0.70	4.5		28.8	11.8	21.8
26.0	932	3.0			0.71	4.6		28.8	11.8	21.8
26.0	932	4.0			0.72	4.6		28.8	11.8	21.8
26.0	932	5.0			0.73	4.7		28.8	11.8	21.8
26.0	932	6.0			0.73	4.7		28.8	11.8	21.8
26.0	932	7.0			0.73	4.7		28.8	11.8	21.8
26.0	932	8.0			0.73	4.7		28.8	11.8	21.8
26.0	932	9.0			0.74	4.8		28.8	11.8	21.8
25.0	915	1.0			0.69	4.4	5.2	28.9	11.8	21.9
25.0	915	2.0			0.69	4.4		28.9	11.8	21.9
25.0	915	3.0			0.70	4.5		28.9	11.8	21.9
25.0	915	4.0			0.71	4.6		28.9	11.8	21.9
25.0	915	5.0			0.72	4.6		28.9	11.8	21.9
25.0	915	6.0			0.72	4.7		28.9	11.8	21.9
25.0	915	7.0			0.73	4.7		28.9	11.8	21.9

LOCATION: South San Francisco Bay
 DATE: March 19, 1991
 JULIAN DAY: 91078

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
24.0	856	1.0	3.5	0.37	0.61	3.8	4.2	29.0	11.9	22.0
24.0	856	2.0			0.61	3.8		29.0	11.9	22.0
24.0	856	3.0			0.61	3.8		29.0	11.9	22.0
24.0	856	4.0			0.63	4.0		29.0	11.9	22.0
24.0	856	5.0			0.63	4.0		29.0	11.9	22.0
24.0	856	6.0			0.64	4.0		29.0	11.9	22.0
24.0	856	7.0			0.65	4.1		29.0	11.9	22.0
24.0	856	8.0			0.65	4.1		29.0	11.9	22.0
24.0	856	9.0	4.3	0.40	0.66	4.2		29.0	11.9	22.0
23.0	842	1.0			0.63	4.0	4.3	29.0	11.9	21.9
23.0	842	2.0			0.63	4.0		29.0	11.8	21.9
23.0	842	3.0			0.64	4.1		29.0	11.8	22.0
23.0	842	4.0			0.65	4.1		29.0	11.8	22.0
23.0	842	5.0			0.67	4.2		29.0	11.7	22.0
23.0	842	6.0			0.68	4.3		29.1	11.7	22.0
23.0	842	7.0			0.70	4.5		29.1	11.7	22.1
23.0	842	8.0			0.70	4.5		29.1	11.7	22.1
23.0	842	9.0			0.72	4.6		29.1	11.7	22.1
23.0	842	10.0			0.72	4.6		29.1	11.7	22.1
23.0	842	11.0			0.72	4.6		29.1	11.7	22.1
23.0	842	12.0			0.72	4.6		29.1	11.7	22.1
23.0	842	13.0			0.72	4.6		29.1	11.7	22.1
23.0	842	14.0			0.72	4.6		29.1	11.7	22.1
22.0	825	1.0			0.54	3.3	4.0	28.8	12.0	21.8
22.0	825	2.0			0.54	3.3		28.8	12.0	21.8
22.0	825	3.0			0.54	3.3		28.8	11.9	21.8
22.0	825	4.0			0.55	3.4		28.8	11.9	21.8
22.0	825	5.0			0.55	3.4		28.8	11.9	21.8
22.0	825	6.0			0.56	3.5		28.8	11.9	21.8
22.0	825	7.0			0.56	3.5		28.8	11.9	21.8
22.0	825	8.0			0.57	3.5		28.8	11.9	21.8
22.0	825	9.0			0.57	3.6		28.8	11.9	21.8
22.0	825	10.0			0.59	3.7		28.8	11.9	21.8
22.0	825	11.0			0.57	3.5		28.8	11.9	21.8
22.0	825	12.0			0.58	3.6		28.8	11.9	21.8
22.0	825	13.0			0.57	3.5		28.8	11.9	21.8
22.0	825	14.0			0.57	3.5		28.8	11.9	21.8
22.0	825	15.0			0.55	3.4		28.8	11.9	21.8
22.0	825	16.0			0.57	3.5		28.8	11.9	21.8
22.0	825	17.0			0.56	3.4		28.8	11.9	21.8
21.0	805	1.0	3.4	0.44	0.61	3.8	4.9	28.7	11.7	21.7
21.0	805	2.0			0.61	3.8		28.7	11.7	21.7
21.0	805	3.0			0.61	3.8		28.7	11.7	21.7
21.0	805	4.0			0.62	3.9		28.7	11.7	21.7
21.0	805	5.0			0.62	3.9		28.7	11.7	21.7
21.0	805	6.0			0.62	3.9		28.7	11.7	21.7
21.0	805	7.0			0.63	4.0		28.7	11.7	21.7
21.0	805	8.0			0.63	4.0		28.7	11.7	21.8
21.0	805	9.0			0.64	4.0		28.7	11.7	21.8
21.0	805	10.0			0.63	4.0		28.7	11.7	21.8
21.0	805	11.0			0.63	3.9		28.7	11.7	21.8
21.0	805	12.0			0.62	3.9		28.7	11.7	21.8
21.0	805	13.0			0.62	3.9		28.7	11.7	21.8
21.0	805	14.0			0.61	3.8		28.7	11.7	21.8
21.0	805	15.0			0.61	3.8		28.7	11.7	21.8

Fluorometer Calibration: n r² A B Syx
 14 0.76 -0.7 7.34 0.5

LOCATION: South San Francisco Bay
 DATE: March 26, 1991
 JULIAN DAY: 91085

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
32.0	915	1.0	4.6	0.63						
32.0	915	2.0			0.60	3.9	2.7	27.8	11.4	21.1
32.0	915	3.0			0.60	3.9		27.8	11.4	21.1
32.0	915	4.0			0.60	3.9		27.8	11.4	21.1
32.0	915	5.0			0.60	3.9		27.8	11.4	21.1
32.0	915	6.0			0.61	3.6		28.0	11.5	21.3
32.0	915	7.0			0.63	3.3		28.2	11.6	21.4
32.0	915	8.0			0.64	2.9		28.2	11.6	21.4
32.0	915	9.0			0.65	2.6		28.2	11.6	21.4
32.0	915	10.0			0.67	2.3		28.2	11.6	21.4
32.0	915	11.0			0.67	2.2		28.2	11.6	21.4
32.0	915	12.0			0.68	2.0		28.2	11.6	21.4
32.0	915	13.0			0.68	1.9		28.2	11.6	21.4
					0.69	1.9		28.2	11.6	21.4
31.0	900	1.0								
31.0	900	2.0			0.66	2.6	3.6	27.8	11.4	21.1
31.0	900	3.0			0.66	2.6		27.8	11.4	21.1
31.0	900	4.0			0.66	2.6		27.8	11.4	21.1
31.0	900	5.0			0.66	2.6		27.9	11.4	21.2
31.0	900	6.0			0.67	2.4		28.0	11.5	21.2
31.0	900	7.0			0.67	2.3		28.0	11.5	21.3
31.0	900	8.0			0.67	2.2		28.1	11.5	21.3
31.0	900	9.0			0.68	2.0		28.2	11.5	21.4
31.0	900	10.0			0.69	1.9		28.2	11.5	21.4
31.0	900	11.0			0.69	1.8		28.3	11.6	21.5
31.0	900	12.0			0.69	1.8		28.3	11.6	21.5
31.0	900	13.0			0.70	1.7		28.3	11.6	21.5
					0.70	1.7		28.3	11.6	21.5
30.0	840	1.0	3.1	0.35						
30.0	840	2.0			0.63	3.2	6.0	28.4	11.5	21.6
30.0	840	3.0			0.63	3.2		28.4	11.5	21.6
30.0	840	4.0			0.63	3.2		28.4	11.5	21.6
30.0	840	5.0			0.64	3.0		28.4	11.5	21.6
30.0	840	6.0			0.65	2.8		28.4	11.5	21.6
30.0	840	7.0			0.65	2.8		28.4	11.5	21.6
30.0	840	8.0			0.65	2.7		28.4	11.5	21.6
30.0	840	9.0			0.66	2.6		28.4	11.5	21.6
30.0	840	10.0			0.66	2.6		28.5	11.5	21.6
30.0	840	11.0			0.65	2.8		28.5	11.5	21.6
30.0	840	12.0			0.63	3.1		28.5	11.5	21.6
30.0	840	13.0			0.63	3.3		28.5	11.5	21.6
30.0	840	14.0			0.62	3.4		28.5	11.5	21.6
30.0	840	15.0			0.62	3.4		28.5	11.5	21.6
30.0	840	16.0			0.61	3.6		28.5	11.5	21.6
					0.63	3.2		28.4	11.5	21.6
29.5	751	1.0	3.5	0.39						
29.5	751	2.0			0.59	4.1	4.6	28.5	11.5	21.6
29.5	751	3.0			0.59	4.1		28.5	11.5	21.6
29.5	751	4.0			0.60	4.0		28.5	11.5	21.6
29.5	751	5.0			0.60	4.0		28.5	11.5	21.6
29.5	751	6.0			0.59	4.0		28.5	11.5	21.6
29.5	751	7.0			0.60	3.8		28.5	11.5	21.6
29.5	751	8.0			0.60	3.8		28.5	11.5	21.6
29.5	751	9.0			0.61	3.7		28.5	11.5	21.6
29.5	751	10.0			0.61	3.7		28.5	11.5	21.6
29.5	751	11.0			0.61	3.7		28.5	11.5	21.6
29.5	751	12.0			0.61	3.8		28.5	11.5	21.6
29.5	751	13.0			0.61	3.8		28.5	11.5	21.6
29.5	751	14.0			0.60	3.8		28.5	11.5	21.6
29.5	751	15.0			0.60	3.8		28.5	11.5	21.6
					0.60	3.9		28.5	11.5	21.6
33.0	1016	1.0								
33.0	1016	2.0			0.63	3.2	3.4	26.9	11.3	20.4
33.0	1016	3.0			0.63	3.2		26.9	11.3	20.5
					0.64	3.1		27.1	11.3	20.5

LOCATION: South San Francisco Bay
 DATE: March 26, 1991
 JULIAN DAY: 91085

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
33.0	1016	4.0								
33.0	1016	5.0			0.64	3.1		27.0	11.3	20.5
33.0	1016	6.0			0.64	2.9		27.5	11.5	20.9
33.0	1016	7.0			0.64	2.9		27.7	11.5	21.0
33.0	1016	8.0			0.65	2.8		27.8	11.5	21.1
33.0	1016	9.0			0.65	2.8		28.0	11.6	21.2
33.0	1016	10.0			0.65	2.6		28.1	11.6	21.3
33.0	1016	11.0			0.65	2.7		28.1	11.6	21.3
33.0	1016	12.0			0.64	3.0		28.1	11.6	21.3
33.0	1016	13.0			0.66	2.6		28.1	11.6	21.3
					0.68	2.0		28.2	11.6	21.4

Fluorometer Calibration: n r² A B Syx
 3 0.32 17.8 -23.14 0.9

LOCATION: South San Francisco Bay
 DATE: April 1, 1991
 JULIAN DAY: 91091

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
33.0	955	1.0			1.08	8.2	4.6	23.9	14.6	17.5
33.0	955	2.0			1.08	8.2		23.9	14.4	17.6
33.0	955	3.0			1.08	8.3		24.1	14.3	17.7
33.0	955	4.0			1.10	8.4		24.2	14.3	17.8
33.0	955	5.0			1.11	8.5		24.4	14.3	18.0
33.0	955	6.0			1.13	8.7		24.7	14.2	18.2
33.0	955	7.0			1.12	8.6		24.9	14.0	18.4
33.0	955	8.0			1.14	8.8		25.1	14.0	18.6
33.0	955	9.0	7.7	0.36	1.16	8.9		25.1	14.0	18.6
32.0	1013	1.0	9.3	0.71	0.89	6.6	3.5	25.1	14.2	18.5
32.0	1013	2.0			0.89	6.6		25.3	14.0	18.7
32.0	1013	3.0			0.89	6.6		25.5	14.0	18.9
32.0	1013	4.0			0.91	6.7		25.5	14.0	18.9
32.0	1013	5.0			0.92	6.8		25.6	14.0	19.0
32.0	1013	6.0			0.93	6.9		25.7	14.0	19.0
32.0	1013	7.0			0.92	6.9		25.8	14.0	19.1
32.0	1013	8.0			0.93	7.0		25.9	13.9	19.2
32.0	1013	9.0			0.96	7.2		25.9	13.9	19.2
32.0	1013	10.0			0.97	7.2		25.9	13.9	19.2
32.0	1013	11.0			0.97	7.3		26.0	13.9	19.2
31.0	1030	1.0	7.3	0.63	0.88	6.5	4.6	25.7	14.0	19.0
31.0	1030	2.0			0.88	6.5		25.7	14.0	19.0
31.0	1030	3.0			0.87	6.4		25.7	14.0	19.0
31.0	1030	4.0			0.88	6.5		25.8	13.8	19.1
31.0	1030	5.0			0.89	6.5		25.8	13.8	19.1
31.0	1030	6.0			0.89	6.6		25.9	13.8	19.2
31.0	1030	7.0			0.89	6.6		26.0	13.7	19.3
31.0	1030	8.0			0.91	6.8		26.3	13.6	19.6
31.0	1030	9.0			0.92	6.8		26.5	13.5	19.7
31.0	1030	10.0			0.93	6.9		26.5	13.5	19.7
31.0	1030	11.0			0.95	7.1		26.5	13.5	19.7
31.0	1030	12.0			0.96	7.2		26.5	13.5	19.7
31.0	1030	13.0			0.97	7.3		26.5	13.5	19.7
30.0	1051	1.0	5.8	0.56	0.83	6.0	3.3	26.5	13.7	19.7
30.0	1051	2.0			0.83	6.0		26.6	13.6	19.8
30.0	1051	3.0			0.81	5.9		26.6	13.5	19.9
30.0	1051	4.0			0.83	6.1		26.8	13.4	19.9
30.0	1051	5.0			0.84	6.1		26.8	13.4	20.0
30.0	1051	6.0			0.85	6.2		26.8	13.4	20.0
30.0	1051	7.0			0.86	6.3		26.9	13.4	20.0
30.0	1051	8.0			0.87	6.4		27.0	13.4	20.1
30.0	1051	9.0			0.87	6.4		27.2	13.3	20.3
30.0	1051	10.0			0.88	6.5		27.3	13.2	20.4
30.0	1051	11.0			0.88	6.5		27.3	13.2	20.4
30.0	1051	12.0	6.6	0.34	0.89	6.6		27.3	13.2	20.4
29.5	1115	1.0	5.9	0.55	0.80	5.8	3.4	27.3	13.3	20.3
29.5	1115	2.0			0.80	5.8		27.4	13.2	20.4
29.5	1115	3.0			0.80	5.8		27.4	13.2	20.5
29.5	1115	4.0			0.81	5.9		27.5	13.1	20.6
29.5	1115	5.0			0.83	6.1		27.5	13.1	20.6
29.5	1115	6.0			0.85	6.2		27.5	13.1	20.6
29.5	1115	7.0			0.86	6.3		27.5	13.1	20.6
29.5	1115	8.0			0.87	6.4		27.5	13.1	20.6
29.5	1115	9.0			0.88	6.5		27.5	13.1	20.6
29.5	1115	10.0			0.89	6.5		27.6	13.1	20.6
29.5	1115	11.0			0.89	6.6		27.6	13.1	20.6
29.5	1115	12.0			0.89	6.6		27.5	13.1	20.6
29.5	1115	13.0			0.89	6.6		27.5	13.1	20.6

LOCATION: South San Francisco Bay
 DATE: April 1, 1991
 JULIAN DAY: 91091

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
29.5	1115	14.0			0.89	6.6		27.5	13.1	20.6
29.0	1145	1.0	5.5	0.50	0.81	5.8	3.3	27.5	13.2	20.5
29.0	1145	2.0			0.81	5.8		27.5	13.2	20.6
29.0	1145	3.0			0.81	5.9		27.5	13.2	20.6
29.0	1145	4.0			0.82	6.0		27.5	13.1	20.6
29.0	1145	5.0			0.83	6.0		27.6	13.1	20.6
29.0	1145	6.0			0.84	6.1		27.6	13.1	20.6
29.0	1145	7.0			0.85	6.2		27.6	13.1	20.6
29.0	1145	8.0			0.85	6.3		27.6	13.1	20.7
29.0	1145	9.0			0.86	6.3		27.6	13.1	20.7
29.0	1145	10.0			0.85	6.3		27.6	13.1	20.7
29.0	1145	11.0			0.85	6.2		27.6	13.0	20.7
29.0	1145	12.0			0.84	6.1		27.6	13.0	20.7
29.0	1145	13.0			0.84	6.1		27.6	13.0	20.7
29.0	1145	14.0	5.0	0.36	0.82	6.0		27.7	13.0	20.7
28.0	1207	1.0			0.83	6.0	4.6	27.8	13.1	20.8
28.0	1207	2.0			0.83	6.0		27.8	13.1	20.8
28.0	1207	3.0			0.84	6.1		27.8	13.1	20.8
28.0	1207	4.0			0.84	6.1		27.8	13.1	20.8
28.0	1207	5.0			0.85	6.3		27.9	13.1	20.8
28.0	1207	6.0			0.85	6.3		27.9	13.1	20.8
28.0	1207	7.0			0.86	6.3		27.9	13.1	20.8
28.0	1207	8.0			0.87	6.4		27.8	13.1	20.8
28.0	1207	9.0			0.88	6.5		27.8	13.1	20.8
28.0	1207	10.0			0.88	6.5		27.8	13.1	20.8
28.0	1207	11.0			0.88	6.5		27.8	13.1	20.8
28.0	1207	12.0			0.86	6.4		27.8	13.1	20.8
28.0	1207	13.0			0.87	6.4		27.8	13.1	20.8
28.0	1207	14.0			0.86	6.3		27.8	13.1	20.8
28.0	1207	15.0			0.88	6.5		27.8	13.1	20.8
27.0	1222	1.0	4.9	0.53	0.74	5.2	3.5	27.8	12.9	20.8
27.0	1222	2.0			0.74	5.2		27.8	12.9	20.8
27.0	1222	3.0			0.74	5.3		27.8	12.9	20.8
27.0	1222	4.0			0.75	5.4		27.8	12.9	20.8
27.0	1222	5.0			0.75	5.4		27.8	12.9	20.8
27.0	1222	6.0			0.75	5.4		27.8	12.9	20.8
27.0	1222	7.0			0.76	5.5		27.8	12.9	20.8
27.0	1222	8.0			0.77	5.5		27.8	12.9	20.8
27.0	1222	9.0			0.78	5.6		27.8	12.9	20.9
27.0	1222	10.0			0.78	5.6		27.8	12.9	20.9
27.0	1222	11.0			0.77	5.5		27.8	12.9	20.9
27.0	1222	12.0			0.75	5.4		27.8	12.9	20.9
26.0	1235	1.0			0.63	4.3	2.7	27.3	13.0	20.5
26.0	1235	2.0			0.63	4.3		27.4	13.0	20.5
26.0	1235	3.0			0.64	4.4		27.4	13.0	20.5
26.0	1235	4.0			0.64	4.4		27.4	13.0	20.5
26.0	1235	5.0			0.66	4.6		27.4	13.0	20.5
26.0	1235	6.0			0.66	4.6		27.4	12.9	20.5
26.0	1235	7.0			0.67	4.7		27.4	12.9	20.6
26.0	1235	8.0			0.69	4.8		27.5	12.9	20.6
26.0	1235	9.0			0.70	4.9		27.5	12.9	20.6
26.0	1235	10.0			0.70	4.9		27.5	12.9	20.6
26.0	1235	11.0			0.70	4.9		27.5	12.9	20.6
25.0	1256	1.0			0.65	4.4	3.1	26.5	12.8	19.8
25.0	1256	2.0			0.65	4.4		26.5	12.8	19.9
25.0	1256	3.0			0.64	4.4		26.5	12.8	19.9
25.0	1256	4.0			0.65	4.4		26.5	12.8	19.9

LOCATION: South San Francisco Bay
 DATE: April 1, 1991
 JULIAN DAY: 91091

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
25.0	1256	5.0								
25.0	1256	6.0			0.66	4.6				
25.0	1256	7.0			0.67	4.6		26.5	12.8	19.9
25.0	1256	8.0			0.67	4.7		26.5	12.8	19.9
25.0	1256	9.0			0.68	4.7		26.5	12.8	19.9
					0.69	4.9		26.5	12.8	19.9
24.0	1315	1.0	2.8	0.52						
24.0	1315	2.0			0.53	3.5	2.4	24.8	12.8	18.6
24.0	1315	3.0			0.53	3.5		24.9	12.7	18.6
24.0	1315	4.0			0.55	3.6		25.1	12.6	18.8
24.0	1315	5.0			0.55	3.6		25.2	12.6	18.9
24.0	1315	6.0			0.58	3.8		25.4	12.6	19.1
24.0	1315	7.0			0.60	4.0		25.5	12.6	19.1
24.0	1315	8.0			0.62	4.2		25.6	12.6	19.2
24.0	1315	9.0			0.64	4.4		25.6	12.6	19.2
24.0	1315	10.0			0.65	4.5		25.7	12.6	19.2
					0.65	4.5		25.7	12.6	19.3
23.0	1343	1.0								
23.0	1343	2.0			0.53	3.4	2.1	25.1	12.7	18.8
23.0	1343	3.0			0.53	3.4		25.1	12.7	18.8
23.0	1343	4.0			0.53	3.4		25.1	12.6	18.8
23.0	1343	5.0			0.53	3.4		25.3	12.6	19.0
23.0	1343	6.0			0.54	3.5		25.4	12.5	19.1
23.0	1343	7.0			0.54	3.5		25.5	12.5	19.1
23.0	1343	8.0			0.58	3.9		25.6	12.5	19.2
23.0	1343	9.0			0.58	3.9		25.6	12.5	19.2
23.0	1343	10.0			0.59	3.9		25.6	12.5	19.2
23.0	1343	11.0			0.59	4.0		25.6	12.5	19.2
23.0	1343	12.0			0.59	4.0		25.6	12.5	19.2
23.0	1343	13.0			0.60	4.0		25.7	12.5	19.2
23.0	1343	14.0			0.61	4.1		25.7	12.5	19.3
23.0	1343	15.0			0.62	4.2		25.7	12.5	19.3
					0.64	4.4		25.7	12.5	19.3
22.0	1406	1.0								
22.0	1406	2.0			0.49	3.0	1.2	25.2	13.2	18.8
22.0	1406	3.0			0.49	3.0		25.3	13.2	18.8
22.0	1406	4.0			0.49	3.1		25.3	13.2	18.8
22.0	1406	5.0			0.50	3.1		25.4	13.1	19.0
22.0	1406	6.0			0.50	3.2		26.2	12.5	19.7
22.0	1406	7.0			0.50	3.1		26.5	12.4	19.9
22.0	1406	8.0			0.50	3.1		26.5	12.4	20.0
22.0	1406	9.0			0.50	3.2		26.6	12.4	20.0
22.0	1406	10.0			0.50	3.2		26.6	12.4	20.0
22.0	1406	11.0			0.51	3.2		26.7	12.4	20.0
22.0	1406	12.0			0.51	3.2		26.8	12.4	20.1
22.0	1406	13.0			0.50	3.2		26.8	12.4	20.2
22.0	1406	14.0			0.50	3.2		26.9	12.4	20.2
22.0	1406	15.0			0.49	3.1		26.9	12.4	20.3
22.0	1406	16.0			0.50	3.1		27.0	12.3	20.3
22.0	1406	17.0			0.50	3.2		27.0	12.3	20.3
					0.50	3.2		27.0	12.3	20.3
21.0	1419	1.0	3.7	0.66						
21.0	1419	2.0			0.55	3.6	2.0	24.2	13.1	18.1
21.0	1419	3.0			0.55	3.6		24.7	12.5	18.5
21.0	1419	4.0			0.56	3.6		24.8	12.5	18.6
21.0	1419	5.0			0.55	3.6		25.5	12.4	19.2
21.0	1419	6.0			0.55	3.6		26.0	12.3	19.5
21.0	1419	7.0			0.53	3.4		27.0	12.3	20.3
21.0	1419	8.0			0.54	3.5		27.4	12.3	20.6
21.0	1419	9.0			0.53	3.4		27.5	12.3	20.7
21.0	1419	10.0			0.53	3.5		27.6	12.3	20.8
21.0	1419	11.0			0.53	3.4		27.6	12.3	20.8
					0.53	3.4		27.7	12.3	20.8

LOCATION: South San Francisco Bay
 DATE: April 1, 1991
 JULIAN DAY: 91091

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
21.0	1419	12.0			0.51	3.3		27.7	12.3	20.9
21.0	1419	13.0			0.51	3.3		27.7	12.3	20.9
21.0	1419	14.0			0.51	3.2		27.7	12.3	20.9
21.0	1419	15.0			0.51	3.3		27.7	12.3	20.9
21.0	1419	16.0			0.51	3.2		27.7	12.3	20.9
21.0	1419	17.0			0.51	3.2		27.7	12.3	20.9

Fluorometer Calibration: n r^2 A B Syx
 11 0.66 -1.2 8.77 1.1

LOCATION: South San Francisco Bay
 DATE: April 5, 1991
 JULIAN DAY: 91095

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
33.0	1321	1.0	10.1	0.72	0.96	8.0	2.9	24.2	16.3	17.4
33.0	1321	2.0			0.96	8.0		24.4	15.2	17.8
33.0	1321	3.0			0.94	7.8		24.5	15.2	17.9
33.0	1321	4.0			0.95	7.9		24.7	15.3	18.0
33.0	1321	5.0			0.96	8.0		24.8	15.4	18.0
33.0	1321	6.0			1.01	8.4		25.2	15.3	18.3
33.0	1321	7.0			1.02	8.5		25.3	15.2	18.4
33.0	1321	8.0			1.07	8.9		25.4	15.2	18.5
33.0	1321	9.0			1.11	9.3		25.5	15.2	18.6
33.0	1321	10.0			1.16	9.7		25.6	15.3	18.7
33.0	1321	11.0	9.4	0.43	1.19	10.0		25.6	15.3	18.7
32.0	1307	1.0	9.2	0.66	1.05	8.7	2.5	25.3	15.5	18.4
32.0	1307	2.0			1.05	8.7		25.5	15.2	18.6
32.0	1307	3.0			1.06	8.8		25.6	15.2	18.7
32.0	1307	4.0			1.07	8.9		25.7	15.2	18.8
32.0	1307	5.0			1.07	8.9		25.8	15.1	18.9
32.0	1307	6.0			1.07	9.0		25.9	15.0	19.0
32.0	1307	7.0			1.10	9.2		26.0	15.0	19.0
32.0	1307	8.0			1.12	9.4		26.0	15.0	19.0
31.0	1248	1.0	8.9	0.72	1.07	8.9	2.0	25.5	15.3	18.6
31.0	1248	2.0			1.07	8.9		25.8	15.2	18.8
31.0	1248	3.0			1.06	8.8		25.8	15.1	18.9
31.0	1248	4.0			1.06	8.9		25.9	15.1	19.0
31.0	1248	5.0			1.06	8.9		26.0	15.0	19.0
31.0	1248	6.0			1.06	8.8		26.1	15.0	19.1
31.0	1248	7.0			1.08	9.0		26.1	15.0	19.1
31.0	1248	8.0			1.11	9.3		26.2	15.1	19.1
31.0	1248	9.0			1.17	9.8		26.2	15.2	19.2
31.0	1248	10.0			1.20	10.1		26.3	15.2	19.3
31.0	1248	11.0			1.23	10.3		26.4	15.0	19.4
31.0	1248	12.0			1.26	10.6		26.4	14.9	19.4
31.0	1248	13.0			1.26	10.6		26.4	14.9	19.4
30.0	1220	1.0	7.7	0.60	0.99	8.2	3.3	26.1	15.6	19.0
30.0	1220	2.0			0.99	8.2		26.4	15.0	19.4
30.0	1220	3.0			1.00	8.3		26.7	14.8	19.6
30.0	1220	4.0			1.01	8.4		26.8	14.8	19.7
30.0	1220	5.0			1.03	8.5		26.8	14.8	19.7
30.0	1220	6.0			1.04	8.7		26.8	14.8	19.7
30.0	1220	7.0			1.05	8.7		26.8	14.8	19.7
30.0	1220	8.0			1.05	8.8		26.8	14.8	19.7
30.0	1220	9.0			1.06	8.8		26.8	14.7	19.7
30.0	1220	10.0			1.05	8.7		26.8	14.7	19.8
30.0	1220	11.0			1.05	8.8		26.9	14.6	19.8
30.0	1220	12.0			1.07	9.0		26.9	14.7	19.8
30.0	1220	13.0	8.3	0.51	1.09	9.1		26.9	14.7	19.8
29.5	1141	1.0	8.5	0.64	0.97	8.0	4.0	26.4	14.7	19.4
29.5	1141	2.0			0.97	8.0		26.4	14.6	19.5
29.5	1141	3.0			0.95	7.9		26.4	14.5	19.5
29.5	1141	4.0			0.96	8.0		26.4	14.5	19.5
29.5	1141	5.0			0.96	8.0		26.5	14.5	19.5
29.5	1141	6.0			0.95	7.9		26.6	14.4	19.6
29.5	1141	7.0			0.94	7.8		26.7	14.4	19.7
29.5	1141	8.0			0.94	7.8		26.8	14.4	19.8
29.5	1141	9.0			0.94	7.8		26.9	14.4	19.8
29.5	1141	10.0			0.93	7.7		26.9	14.3	19.9
29.5	1141	11.0			0.92	7.6		26.9	14.2	19.9
29.5	1141	12.0			0.93	7.7		27.0	14.3	20.0
29.5	1141	13.0			0.98	8.2		27.2	14.4	20.1
29.0	1123	1.0	6.9	0.64	0.76	6.2	2.8	26.8	14.7	19.7

LOCATION: South San Francisco Bay
 DATE: April 5, 1991
 JULIAN DAY: 91095

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
29.0	1123	2.0			0.76	6.2		26.8	14.4	19.8
29.0	1123	3.0			0.78	6.4		26.8	14.5	19.7
29.0	1123	4.0			0.80	6.5		26.8	14.5	19.8
29.0	1123	5.0			0.81	6.7		26.9	14.3	19.9
29.0	1123	6.0			0.82	6.7		27.0	14.1	20.0
29.0	1123	7.0			0.83	6.9		27.0	14.1	20.0
29.0	1123	8.0			0.84	6.9		27.1	14.1	20.0
29.0	1123	9.0			0.85	7.0		27.1	14.1	20.1
29.0	1123	10.0			0.86	7.1		27.1	14.1	20.1
29.0	1123	11.0			0.84	6.9		27.1	14.1	20.1
29.0	1123	12.0			0.86	7.1		27.2	14.1	20.1
29.0	1123	13.0			0.87	7.2		27.2	14.1	20.1
29.0	1123	14.0	7.2	0.52	0.88	7.3		27.2	14.1	20.1
28.0	1106	1.0			0.78	6.4	2.9	26.9	14.2	19.9
28.0	1106	2.0			0.78	6.4		27.0	14.0	20.0
28.0	1106	3.0			0.78	6.4		27.1	14.0	20.1
28.0	1106	4.0			0.78	6.4		27.1	14.0	20.1
28.0	1106	5.0			0.80	6.5		27.1	14.0	20.1
28.0	1106	6.0			0.81	6.6		27.1	14.0	20.1
28.0	1106	7.0			0.81	6.6		27.1	14.0	20.1
28.0	1106	8.0			0.81	6.7		27.1	14.0	20.1
28.0	1106	9.0			0.82	6.7		27.1	14.0	20.1
28.0	1106	10.0			0.81	6.7		27.1	14.0	20.1
28.0	1106	11.0			0.81	6.6		27.1	14.0	20.1
28.0	1106	12.0			0.80	6.6		27.1	14.0	20.1
28.0	1106	13.0			0.80	6.6		27.1	14.0	20.1
28.0	1106	14.0			0.80	6.5		27.1	14.0	20.1
27.0	1052	1.0	6.9	0.68	0.88	7.2	2.8	27.1	14.5	20.0
27.0	1052	2.0			0.88	7.2		27.1	14.4	20.0
27.0	1052	3.0			0.89	7.3		27.1	14.4	20.0
27.0	1052	4.0			0.89	7.3		27.2	14.3	20.1
27.0	1052	5.0			0.90	7.4		27.2	14.2	20.1
27.0	1052	6.0			0.90	7.5		27.2	14.2	20.1
27.0	1052	7.0			0.91	7.5		27.2	14.1	20.1
27.0	1052	8.0			0.92	7.6		27.2	14.1	20.1
27.0	1052	9.0			0.92	7.6		27.2	14.1	20.1
27.0	1052	10.0			0.91	7.5		27.2	14.1	20.1
27.0	1052	11.0			0.91	7.5		27.2	14.1	20.1
26.0	1040	1.0			0.88	7.3	2.4	27.0	14.7	19.9
26.0	1040	2.0			0.88	7.3		27.1	14.3	20.0
26.0	1040	3.0			0.89	7.3		27.1	14.2	20.1
26.0	1040	4.0			0.87	7.2		27.2	14.2	20.1
26.0	1040	5.0			0.88	7.3		27.1	14.2	20.1
26.0	1040	6.0			0.88	7.3		27.2	14.2	20.1
26.0	1040	7.0			0.88	7.3		27.2	14.1	20.1
26.0	1040	8.0			0.88	7.3		27.2	14.1	20.1
26.0	1040	9.0			0.88	7.3		27.1	14.1	20.1
25.0	1021	1.0	7.3	0.49	0.86	7.1	2.9	26.9	14.3	19.9
25.0	1021	2.0			0.86	7.1		27.0	14.2	20.0
25.0	1021	3.0			0.87	7.2		27.0	14.1	20.0
25.0	1021	4.0			0.88	7.3		27.0	14.1	20.0
25.0	1021	5.0			0.90	7.4		27.0	14.1	20.0
25.0	1021	6.0			0.91	7.5		27.0	14.1	20.0
25.0	1021	7.0			0.93	7.7		27.0	14.1	20.0
25.0	1021	8.0	7.3	0.44	0.94	7.8		27.0	14.1	20.0
24.0	958	1.0	4.8	0.74	0.63	5.0	1.4	25.3	13.7	18.7
24.0	958	2.0			0.63	5.0		25.5	13.7	18.9
24.0	958	3.0			0.66	5.3		25.9	13.6	19.3
24.0	958	4.0			0.67	5.4		26.2	13.7	19.5

LOCATION: South San Francisco Bay
 DATE: April 5, 1991
 JULIAN DAY: 91095

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
24.0	958	5.0			0.67	5.4		26.4	13.7	19.6
24.0	958	6.0			0.68	5.5		26.4	13.7	19.6
24.0	958	7.0			0.69	5.5		26.4	13.7	19.6
24.0	958	8.0			0.70	5.6		26.4	13.7	19.6
24.0	958	9.0			0.71	5.7		26.5	13.7	19.6
24.0	958	10.0			0.71	5.8		26.5	13.7	19.6
24.0	958	11.0			0.71	5.7		26.5	13.7	19.6
23.0	924	1.0			0.60	4.8	1.1	24.9	13.7	18.5
23.0	924	2.0			0.60	4.8		25.0	13.7	18.6
23.0	924	3.0			0.62	5.0		25.1	13.7	18.6
23.0	924	4.0			0.62	5.0		25.1	13.7	18.6
23.0	924	5.0			0.63	5.0		25.1	13.7	18.6
23.0	924	6.0			0.64	5.2		25.3	13.7	18.7
23.0	924	7.0			0.64	5.2		25.3	13.7	18.8
23.0	924	8.0			0.64	5.2		25.3	13.7	18.8
23.0	924	9.0			0.65	5.2		25.6	13.8	19.0
23.0	924	10.0			0.64	5.2		25.9	13.8	19.2
23.0	924	11.0			0.63	5.1		26.1	13.7	19.4
23.0	924	12.0			0.63	5.0		26.1	13.7	19.4
22.0	855	1.0			0.60	4.8	2.0	25.4	13.5	18.8
22.0	855	2.0			0.60	4.8		25.4	13.5	18.8
22.0	855	3.0			0.60	4.8		25.4	13.5	18.9
22.0	855	4.0			0.60	4.8		25.4	13.5	18.9
22.0	855	5.0			0.61	4.8		25.4	13.5	18.9
22.0	855	6.0			0.61	4.9		25.4	13.5	18.9
22.0	855	7.0			0.62	5.0		25.4	13.5	18.9
22.0	855	8.0			0.63	5.1		25.4	13.5	18.9
22.0	855	9.0			0.64	5.1		25.4	13.5	18.9
21.0	836	1.0	4.8	0.60	0.71	5.7	2.7	25.3	13.9	18.8
21.0	836	2.0			0.71	5.7		25.4	13.8	18.8
21.0	836	3.0			0.71	5.7		25.5	13.8	18.9
21.0	836	4.0			0.71	5.8		25.6	13.8	19.0
21.0	836	5.0			0.73	5.9		25.6	13.8	19.0
21.0	836	6.0			0.74	6.0		25.6	13.8	19.0
21.0	836	7.0			0.75	6.1		25.6	13.9	19.0
21.0	836	8.0			0.76	6.2		25.6	13.9	19.0
21.0	836	9.0			0.78	6.3		25.6	13.9	19.0
21.0	836	10.0			0.78	6.4		25.7	13.9	19.0
21.0	836	11.0			0.77	6.3		25.6	13.9	19.0
21.0	836	12.0			0.77	6.2		25.7	13.9	19.0
21.0	836	13.0			0.78	6.4		25.8	13.8	19.1
21.0	836	14.0			0.77	6.3		25.8	13.8	19.1
21.0	836	15.0			0.76	6.2		25.8	13.8	19.2
21.0	836	16.0			0.74	6.0		26.0	13.5	19.4

Fluorometer Calibration: n r² A B Syx
 14 0.75 -0.5 8.80 0.8

LOCATION: South San Francisco Bay
 DATE: April 8, 1991
 JULIAN DAY: 91098

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
36.0	752	1.0	6.7	0.53	0.93	7.0	4.8	24.9	14.3	18.3
36.0	752	2.0			0.93	7.0		24.8	14.3	18.3
36.0	752	3.0			0.93	7.0		24.8	14.3	18.3
36.0	752	4.0			0.94	7.1		24.8	14.3	18.3
36.0	752	5.0			0.94	7.1		24.8	14.4	18.3
36.0	752	6.0			0.95	7.2		24.9	14.4	18.3
36.0	752	7.0			0.95	7.2		24.9	14.3	18.3
36.0	752	8.0	7.7	0.48	0.96	7.3		24.9	14.3	18.3
32.1	920	1.0			1.25	10.1	4.0	26.6	15.0	19.5
32.1	920	2.0			1.25	10.1		26.6	15.0	19.5
32.1	920	3.0			1.24	10.0		26.6	15.0	19.5
32.1	920	4.0			1.28	10.3		26.6	15.0	19.5
32.1	920	5.0			1.30	10.5		26.7	15.1	19.6
32.1	920	6.0			1.32	10.7		26.7	15.1	19.6
32.1	920	7.0			1.34	11.0		26.7	15.1	19.6
32.1	920	8.0			1.38	11.3		26.7	15.1	19.6
32.1	920	9.0			1.42	11.7		26.7	15.1	19.6
32.1	920	10.0			1.54	12.9		26.7	15.1	19.6
32.2	942	1.0			1.32	10.7	5.2	26.6	15.0	19.5
32.2	942	2.0			1.32	10.7		26.6	15.0	19.5
32.2	942	3.0			1.32	10.7		26.5	15.0	19.5
32.2	942	4.0			1.33	10.8		26.5	15.0	19.5
32.2	942	5.0			1.34	11.0		26.5	15.0	19.5
32.2	942	6.0			1.35	11.0		26.6	15.0	19.5
32.2	942	7.0			1.38	11.3		26.7	15.1	19.5
32.2	942	8.0			1.39	11.4		26.7	15.1	19.6
32.2	942	9.0			1.43	11.8		26.7	15.0	19.6
32.2	942	10.0			1.48	12.3		26.7	15.1	19.6
27.1	1136	1.0			1.04	8.0	2.6	26.6	14.9	19.5
27.1	1136	2.0			1.04	8.0		26.6	14.7	19.6
27.1	1136	3.0			1.03	7.9		26.6	14.7	19.6
27.1	1136	4.0			1.00	7.7		26.6	14.7	19.6
27.1	1136	5.0			1.02	7.8		26.6	14.7	19.6
27.1	1136	6.0			1.03	7.9		26.6	14.7	19.6
27.1	1136	7.0			1.05	8.2		26.6	14.7	19.6
27.1	1136	8.0			1.08	8.4		26.6	14.8	19.5
27.1	1136	9.0			1.09	8.5		26.6	14.8	19.6
27.1	1136	10.0			1.11	8.7		26.6	14.8	19.6
27.1	1136	11.0			1.10	8.6		26.6	14.8	19.6
27.2	1155	1.0			1.03	8.0	2.2	26.6	15.0	19.5
27.2	1155	2.0			1.03	8.0		26.7	14.8	19.6
27.2	1155	3.0			1.05	8.2		26.7	14.8	19.6
27.2	1155	4.0			1.06	8.3		26.7	14.8	19.6
27.2	1155	5.0			1.08	8.5		26.7	14.8	19.6
27.2	1155	6.0			1.09	8.6		26.7	14.8	19.6
27.2	1155	7.0			1.10	8.7		26.7	14.8	19.6
27.2	1155	8.0			1.11	8.7		26.6	14.8	19.6
27.2	1155	9.0			1.12	8.8		26.6	14.8	19.6
27.2	1155	10.0			1.12	8.8		26.6	14.8	19.6
27.2	1155	11.0			1.13	8.9		26.6	14.8	19.6
24.0	1250	1.0	7.3	0.63	0.97	7.4	2.3	26.2	14.6	19.3
24.0	1250	2.0			0.97	7.4		26.3	14.6	19.3
24.0	1250	3.0			0.99	7.6		26.3	14.6	19.3
24.0	1250	4.0			0.99	7.6		26.3	14.6	19.3
24.0	1250	5.0			1.00	7.7		26.3	14.6	19.3
24.0	1250	6.0			1.02	7.9		26.3	14.6	19.3
24.0	1250	7.0			1.04	8.1		26.3	14.6	19.3
24.0	1250	8.0			1.06	8.2		26.3	14.6	19.3
24.0	1250	9.0			1.07	8.3		26.3	14.6	19.3

LOCATION: South San Francisco Bay
 DATE: April 8, 1991
 JULIAN DAY: 91098

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
25.0	1314	1.0			1.06	8.3	3.5	26.6	14.8	19.5
25.0	1314	2.0			1.06	8.3		26.6	14.8	19.5
25.0	1314	3.0			1.07	8.3		26.6	14.8	19.5
25.0	1314	4.0			1.08	8.5		26.6	14.8	19.6
25.0	1314	5.0			1.10	8.6		26.6	14.8	19.5
25.0	1314	6.0			1.12	8.8		26.6	14.8	19.6
25.0	1314	7.0			1.12	8.8		26.6	14.8	19.6
26.0	1332	1.0			1.14	9.0	2.9	26.4	14.8	19.4
26.0	1332	2.0			1.14	9.0		26.5	14.8	19.4
26.0	1332	3.0			1.15	9.1		26.5	14.8	19.5
26.0	1332	4.0			1.16	9.2		26.5	14.8	19.5
26.0	1332	5.0			1.19	9.4		26.6	14.8	19.5
26.0	1332	6.0			1.20	9.6		26.6	14.8	19.5
26.0	1332	7.0			1.21	9.7		26.6	14.8	19.5
26.0	1332	8.0			1.22	9.7		26.6	14.8	19.5
26.0	1332	9.0			1.23	9.9		26.6	14.8	19.5
27.0	1345	1.0	9.5	0.64	1.19	9.5	3.9	26.4	14.7	19.4
27.0	1345	2.0			1.19	9.5		26.4	14.7	19.4
27.0	1345	3.0			1.20	9.6		26.4	14.7	19.4
27.0	1345	4.0			1.20	9.6		26.5	14.8	19.4
27.0	1345	5.0			1.21	9.7		26.6	14.8	19.6
27.0	1345	6.0			1.20	9.6		26.7	14.8	19.6
27.0	1345	7.0			1.20	9.6		26.7	14.9	19.6
27.0	1345	8.0			1.19	9.5		26.7	14.9	19.6
27.0	1345	9.0			1.20	9.6		26.7	14.9	19.6
27.0	1345	10.0			1.20	9.6		26.7	14.9	19.6
27.0	1345	11.0			1.20	9.6		26.8	14.9	19.7
28.0	1402	1.0			1.31	10.7	4.3	26.8	15.2	19.7
28.0	1402	2.0			1.31	10.7		26.8	15.2	19.6
28.0	1402	3.0			1.31	10.6		26.9	15.1	19.7
28.0	1402	4.0			1.31	10.6		26.9	15.0	19.7
28.0	1402	5.0			1.31	10.7		26.9	14.9	19.7
28.0	1402	6.0			1.31	10.6		26.9	14.9	19.7
28.0	1402	7.0			1.31	10.7		26.8	14.9	19.7
28.0	1402	8.0			1.32	10.7		26.8	14.9	19.7
28.0	1402	9.0			1.32	10.8		26.8	14.9	19.7
28.0	1402	10.0			1.32	10.7		26.8	14.9	19.7
28.0	1402	11.0			1.31	10.7		26.8	14.9	19.7
28.0	1402	12.0			1.31	10.6		26.8	14.9	19.7
28.0	1402	13.0			1.31	10.6		26.8	14.9	19.7

Fluorometer Calibration: n r² A B Syx
 4 0.94 -1.9 9.58 0.4

LOCATION: South San Francisco Bay
 DATE: April 11, 1991
 JULIAN DAY: 91100

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
33.0	656	1.0	8.5	0.34	1.37	9.9	29.9	25.3	13.6	18.8
33.0	656	2.0			1.37	9.9		25.3	13.7	18.8
33.0	656	3.0			1.38	9.9		25.3	13.7	18.8
33.0	656	4.0			1.38	9.9		25.4	13.7	18.8
33.0	656	5.0			1.38	9.9		25.4	13.7	18.8
33.0	656	6.0			1.38	10.0		25.6	13.7	19.0
33.0	656	7.0			1.44	10.4		25.8	13.7	19.2
33.0	656	8.0			1.46	10.7		25.9	13.7	19.2
33.0	656	9.0			1.51	11.1		25.9	13.6	19.2
33.0	656	10.0			1.57	11.6		26.1	13.6	19.4
33.0	656	11.0			1.63	12.1		26.3	13.5	19.5
33.0	656	12.0	13.7	0.34	1.70	12.7		26.3	13.5	19.6
32.0	744	1.0	11.4	0.45	1.64	12.1	18.3	26.3	13.6	19.5
32.0	744	2.0			1.64	12.1		26.3	13.6	19.5
32.0	744	3.0			1.65	12.2		26.3	13.6	19.5
32.0	744	4.0			1.65	12.2		26.3	13.6	19.6
32.0	744	5.0			1.65	12.3		26.3	13.5	19.6
32.0	744	6.0			1.67	12.4		26.4	13.5	19.6
32.0	744	7.0			1.69	12.6		26.4	13.4	19.7
32.0	744	8.0			1.76	13.1		26.5	13.4	19.7
32.0	744	9.0			1.84	13.9		26.6	13.2	19.8
32.0	744	10.0			1.79	13.4		26.1	13.6	19.4
32.0	744	11.0			1.81	13.6		26.3	13.5	19.5
32.0	744	12.0			1.83	13.8		26.3	13.5	19.6
31.0	805	1.0	14.7	0.49	1.95	14.8	17.4	26.5	13.7	19.7
31.0	805	2.0			1.95	14.8		26.5	13.7	19.7
31.0	805	3.0			1.96	14.9		26.5	13.7	19.7
31.0	805	4.0			1.97	14.9		26.5	13.7	19.7
31.0	805	5.0			1.96	14.9		26.5	13.7	19.7
31.0	805	6.0			1.97	15.0		26.6	13.7	19.7
31.0	805	7.0			2.01	15.3		26.6	13.7	19.8
31.0	805	8.0			2.02	15.4		26.6	13.7	19.8
31.0	805	9.0			2.04	15.6		26.6	13.7	19.8
31.0	805	10.0			2.08	15.9		26.6	13.7	19.8
31.0	805	11.0			2.11	16.2		26.6	13.7	19.8
31.0	805	12.0			2.14	16.4		26.6	13.7	19.8
30.0	833	1.0	13.9	0.46	1.83	13.8	19.1	26.6	14.0	19.7
30.0	833	2.0			1.83	13.8		26.6	14.0	19.7
30.0	833	3.0			1.84	13.8		26.6	14.0	19.7
30.0	833	4.0			1.84	13.9		26.6	14.0	19.7
30.0	833	5.0			1.85	13.9		26.6	14.0	19.7
30.0	833	6.0			1.84	13.8		26.5	14.0	19.7
30.0	833	7.0			1.84	13.9		26.5	13.9	19.7
30.0	833	8.0			1.84	13.9		26.5	13.9	19.7
30.0	833	9.0			1.85	13.9		26.5	13.9	19.7
30.0	833	10.0			1.84	13.8		26.5	14.0	19.7
30.0	833	11.0			1.83	13.8		26.5	14.0	19.7
30.0	833	12.0			1.82	13.7		26.5	13.9	19.7
30.0	833	13.0			1.83	13.7		26.6	13.9	19.7
30.0	833	14.0	14.5	0.40	1.85	13.9		26.6	13.9	19.7
29.5	857	1.0	12.8	0.49	1.57	11.6	22.3	26.6	13.9	19.7
29.5	857	2.0			1.57	11.6		26.6	13.9	19.7
29.5	857	3.0			1.58	11.6		26.6	13.8	19.7
29.5	857	4.0			1.58	11.7		26.6	13.8	19.7
29.5	857	5.0			1.59	11.8		26.6	13.8	19.7
29.5	857	6.0			1.60	11.8		26.6	13.8	19.7
29.5	857	7.0			1.60	11.9		26.6	13.9	19.7
29.5	857	8.0			1.62	12.0		26.6	13.9	19.7
29.5	857	9.0			1.64	12.1		26.6	13.9	19.7
29.5	857	10.0			1.64	12.2		26.6	13.9	19.7

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STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
29.5	857	11.0			1.63	12.1		26.6	13.9	19.7
29.5	857	12.0			1.64	12.1		26.6	13.9	19.7
29.5	857	13.0			1.64	12.2		26.6	13.9	19.7
29.5	857	14.0			1.73	12.9		26.6	13.9	19.7
29.0	912	1.0	11.1	0.43	1.55	11.4	6.3	26.6	14.0	19.7
29.0	912	2.0			1.55	11.4		26.7	13.9	19.8
29.0	912	3.0			1.56	11.5		26.7	13.9	19.8
29.0	912	4.0			1.56	11.5		26.7	13.8	19.8
29.0	912	5.0			1.56	11.5		26.7	13.8	19.8
29.0	912	6.0			1.57	11.5		26.7	13.9	19.8
29.0	912	7.0			1.57	11.6		26.6	13.9	19.8
29.0	912	8.0			1.58	11.6		26.6	13.9	19.8
29.0	912	9.0			1.58	11.7		26.6	13.9	19.8
29.0	912	10.0			1.56	11.5		26.7	13.9	19.8
29.0	912	11.0			1.55	11.4		26.7	13.8	19.8
29.0	912	12.0			1.54	11.3		26.7	13.8	19.8
29.0	912	13.0			1.59	11.7		26.6	13.9	19.7
29.0	912	14.0	12.2	0.42	1.68	12.5		26.6	13.9	19.7
28.0	944	1.0			1.62	12.0	12.4	26.4	14.2	19.5
28.0	944	3.0			1.62	12.0		26.4	14.2	19.5
28.0	944	4.0			1.62	12.0		26.4	14.2	19.5
28.0	944	5.0			1.64	12.1		26.4	14.2	19.5
28.0	944	6.0			1.64	12.2		26.4	14.2	19.5
28.0	944	7.0			1.64	12.2		26.4	14.2	19.5
28.0	944	8.0			1.66	12.3		26.4	14.2	19.5
28.0	944	9.0			1.65	12.2		26.5	14.3	19.5
28.0	944	10.0			1.65	12.2		26.5	14.3	19.6
28.0	944	11.0			1.63	12.1		26.5	14.3	19.6
28.0	944	12.0			1.63	12.1		26.5	14.3	19.6
28.0	944	13.0			1.62	12.0		26.5	14.3	19.6
28.0	944	14.0			1.63	12.1		26.5	14.3	19.6
27.0	955	1.0	10.7	0.42	1.55	11.4	9.0	26.5	14.3	19.6
27.0	955	2.0			1.55	11.4		26.5	14.3	19.6
27.0	955	3.0			1.57	11.6		26.5	14.3	19.6
27.0	955	4.0			1.60	11.8		26.5	14.3	19.6
27.0	955	5.0			1.60	11.8		26.5	14.3	19.6
27.0	955	6.0			1.61	11.9		26.5	14.3	19.6
27.0	955	7.0			1.62	12.0		26.5	14.3	19.6
27.0	955	8.0			1.63	12.1		26.5	14.3	19.6
27.0	955	9.0			1.63	12.1		26.5	14.3	19.6
27.0	955	10.0			1.63	12.1		26.5	14.3	19.6
27.0	955	11.0			1.62	12.0		26.5	14.3	19.6
27.0	955	12.0			1.62	12.0		26.5	14.3	19.6
27.0	955	13.0			1.61	11.9		26.5	14.3	19.6
27.0	955	14.0			1.62	12.0		26.5	14.3	19.6
26.0	1005	1.0			1.37	9.9	11.9	26.4	14.3	19.5
26.0	1005	2.0			1.37	9.9		26.6	14.3	19.6
26.0	1005	3.0			1.37	9.9		26.6	14.3	19.6
26.0	1005	4.0			1.38	10.0		26.6	14.3	19.6
26.0	1005	5.0			1.40	10.1		26.6	14.3	19.6
26.0	1005	6.0			1.40	10.2		26.6	14.3	19.6
26.0	1005	7.0			1.42	10.3		26.6	14.3	19.6
26.0	1005	8.0			1.44	10.4		26.6	14.3	19.6
26.0	1005	9.0			1.44	10.4		26.6	14.3	19.6
26.0	1005	10.0			1.49	10.9		26.5	14.3	19.6
26.0	1005	11.0			1.51	11.1		26.5	14.3	19.6
26.0	1005	12.0			1.53	11.3		26.5	14.3	19.6
26.0	1005	13.0			1.55	11.4		26.5	14.3	19.6
26.0	1005	14.0			1.57	11.6		26.5	14.3	19.6
25.0	1028	1.0			1.25	8.8	3.9	26.0	14.0	19.2

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STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
25.0	1028	2.0			1.25	8.8		26.0	14.0	19.3
25.0	1028	3.0			1.25	8.9		26.0	14.0	19.3
25.0	1028	4.0			1.28	9.1		26.0	14.0	19.2
25.0	1028	5.0			1.30	9.3		26.0	14.0	19.3
25.0	1028	6.0			1.30	9.3		26.0	14.0	19.3
25.0	1028	7.0			1.31	9.4		26.0	14.0	19.3
25.0	1028	8.0			1.36	9.8		26.4	14.2	19.5
25.0	1028	9.0			1.38	9.9		26.6	14.3	19.6
25.0	1028	10.0			1.45	10.5		26.5	14.3	19.6
25.0	1028	11.0			1.47	10.8		26.5	14.3	19.6
25.0	1028	12.0			1.51	11.0		26.5	14.3	19.6
25.0	1028	13.0			1.53	11.2		26.5	14.3	19.6
25.0	1028	14.0			1.56	11.5		26.5	14.3	19.6
24.0	1046	1.0	5.1	0.52	0.79	5.0	2.6	26.0	13.3	19.4
24.0	1046	2.0			0.79	5.0		26.0	13.3	19.4
24.0	1046	3.0			0.79	5.0		26.0	13.3	19.4
24.0	1046	4.0			0.79	5.0		26.0	13.3	19.4
24.0	1046	5.0			0.79	5.0		26.0	13.3	19.4
24.0	1046	6.0			0.81	5.2		26.0	13.3	19.4
24.0	1046	7.0			0.82	5.2		26.0	13.3	19.4
24.0	1046	8.0			0.83	5.3		26.0	13.3	19.4
24.0	1046	9.0			0.83	5.4		26.0	13.3	19.4
24.0	1046	10.0			0.99	6.6		26.3	13.9	19.5
24.0	1046	11.0			1.14	7.9		26.5	14.3	19.6
24.0	1046	12.0			1.24	8.8		26.5	14.3	19.6
24.0	1046	13.0			1.33	9.5		26.5	14.3	19.6
24.0	1046	14.0			1.40	10.2		26.5	14.3	19.6
23.0	1107	1.0			0.82	5.3	1.8	26.4	13.1	19.7
23.0	1107	2.0			0.82	5.3		26.4	13.1	19.7
23.0	1107	3.0			0.83	5.3		26.4	13.1	19.7
23.0	1107	4.0			0.82	5.2		26.4	13.1	19.7
23.0	1107	5.0			0.83	5.3		26.4	13.1	19.8
23.0	1107	6.0			0.82	5.3		26.5	13.0	19.8
23.0	1107	7.0			0.83	5.3		26.5	13.0	19.8
23.0	1107	8.0			0.85	5.5		26.5	13.0	19.8
23.0	1107	9.0			0.86	5.6		26.5	13.0	19.8
23.0	1107	10.0			0.86	5.6		26.5	13.0	19.8
23.0	1107	11.0			0.84	5.4		26.5	13.0	19.8
23.0	1107	12.0			0.86	5.6		26.5	13.0	19.8
23.0	1107	13.0			0.85	5.5		26.5	13.0	19.8
23.0	1107	14.0			0.86	5.6		26.5	13.0	19.8
23.0	1107	15.0			0.87	5.6		26.5	13.0	19.8
22.0	1125	1.0			0.71	4.3	2.0	26.7	12.8	20.0
22.0	1125	2.0			0.71	4.3		26.7	12.8	20.0
22.0	1125	3.0			0.72	4.4		26.7	12.8	20.0
22.0	1125	4.0			0.72	4.4		26.7	12.8	20.0
22.0	1125	5.0			0.73	4.4		26.7	12.8	20.0
22.0	1125	6.0			0.72	4.4		26.7	12.8	20.0
22.0	1125	7.0			0.73	4.5		26.8	12.7	20.1
22.0	1125	8.0			0.75	4.6		26.9	12.6	20.2
22.0	1125	9.0			0.74	4.5		26.9	12.5	20.2
22.0	1125	10.0			0.76	4.7		27.0	12.4	20.3
22.0	1125	11.0			0.72	4.4		27.0	12.4	20.3
22.0	1125	12.0			0.72	4.4		27.1	12.4	20.4
22.0	1125	13.0			0.71	4.3		27.1	12.4	20.4
22.0	1125	14.0			0.71	4.3		27.1	12.5	20.4
22.0	1125	15.0			0.71	4.3		27.1	12.5	20.4
21.0	1140	1.0	4.9	0.52	0.73	4.5	2.1	26.5	12.6	19.9
21.0	1140	2.0			0.73	4.5		26.7	12.5	20.1
21.0	1140	3.0			0.73	4.5		26.7	12.5	20.1

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STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
21.0	1140	4.0			0.73	4.5		26.9	12.4	20.2
21.0	1140	5.0			0.73	4.5		27.0	12.3	20.4
21.0	1140	6.0			0.71	4.3		27.4	12.2	20.7
21.0	1140	7.0			0.71	4.3		27.7	12.1	20.9
21.0	1140	8.0			0.70	4.2		27.9	12.1	21.1
21.0	1140	9.0			0.70	4.2		28.0	12.0	21.2
21.0	1140	10.0			0.69	4.1		28.1	11.9	21.3
21.0	1140	11.0			0.67	4.0		28.2	11.9	21.3
21.0	1140	12.0			0.66	3.9		28.3	11.9	21.4
21.0	1140	13.0			0.65	3.8		28.6	11.9	21.6
21.0	1140	14.0			0.64	3.7		28.6	12.0	21.6
21.0	1140	15.0			0.65	3.8		28.6	12.0	21.6

Fluorometer Calibration: n r^2 A B Syx
 12 0.95 -1.7 8.45 0.8

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STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
18.0	1215	1.0	3.8	0.58	0.52	2.8	1.1	30.2	11.1	23.1
18.0	1215	2.0			0.52	2.8		30.3	11.1	23.1
18.0	1215	3.0			0.52	2.9		30.4	11.1	23.2
18.0	1215	4.0			0.52	2.9		30.4	11.1	23.2
18.0	1215	5.0			0.53	3.0		30.5	11.0	23.2
18.0	1215	6.0			0.53	3.0		30.5	11.0	23.3
18.0	1215	7.0			0.53	3.0		30.5	11.0	23.3
18.0	1215	8.0			0.52	2.9		30.9	10.9	23.6
18.0	1215	9.0			0.52	2.8		31.0	10.8	23.7
18.0	1215	10.0			0.52	2.8		31.0	10.8	23.7
18.0	1215	11.0			0.49	2.5		31.1	10.8	23.8
18.0	1215	12.0			0.49	2.5		31.1	10.7	23.8
18.0	1215	13.0			0.49	2.5		31.1	10.7	23.8
18.0	1215	14.0			0.49	2.5		31.2	10.7	23.9
18.0	1215	15.0			0.48	2.4		31.2	10.7	23.9
18.0	1215	16.0			0.50	2.7		31.3	10.7	23.9
18.0	1215	17.0			0.49	2.5		31.3	10.7	24.0
18.0	1215	18.0			0.50	2.7		31.4	10.6	24.0
18.0	1215	19.0			0.50	2.6		31.5	10.6	24.1
18.0	1215	20.0			0.51	2.8		31.5	10.6	24.1
18.0	1215	21.0			0.49	2.5		31.8	10.4	24.4
18.0	1215	22.0			0.49	2.6		31.8	10.4	24.4
18.0	1215	23.0			0.48	2.4		31.9	10.4	24.4
18.0	1215	24.0			0.49	2.5		31.9	10.3	24.5
18.0	1215	25.0			0.47	2.3		32.0	10.3	24.5
18.0	1215	26.0			0.48	2.4		32.0	10.3	24.5
18.0	1215	27.0			0.45	2.1		32.0	10.3	24.6
18.0	1215	28.0			0.46	2.2		32.0	10.3	24.6
18.0	1215	29.0			0.46	2.1		32.0	10.3	24.6
18.0	1215	30.0			0.47	2.2		32.0	10.3	24.6
18.0	1215	31.0			0.44	1.9		32.1	10.3	24.6
18.0	1215	32.0			0.44	2.0		32.1	10.3	24.6
18.0	1215	33.0			0.44	1.9		32.1	10.3	24.6
18.0	1215	34.0			0.45	2.0		32.1	10.2	24.6
18.0	1215	35.0	3.4	0.47	0.43	1.8		32.1	10.2	24.7
15.0	1330	1.0	5.6	0.60	0.77	5.8	2.3	23.6	12.7	17.6
15.0	1330	2.0			0.77	5.8		23.6	12.7	17.7
15.0	1330	3.0			0.79	6.0		23.7	12.7	17.7
15.0	1330	4.0			0.78	5.9		23.8	12.7	17.8
15.0	1330	5.0			0.80	6.1		23.8	12.7	17.8
15.0	1330	6.0			0.81	6.2		23.9	12.7	17.8
15.0	1330	7.0			0.82	6.4		23.9	12.7	17.9
15.0	1330	8.0			0.84	6.6		24.1	12.6	18.0
15.0	1330	9.0			0.85	6.7		25.1	12.5	18.9
15.0	1330	10.0			0.81	6.3		26.5	12.2	20.0
15.0	1330	11.0			0.79	6.0		27.2	12.1	20.5
15.0	1330	12.0			0.75	5.5		27.2	12.1	20.6
15.0	1330	13.0			0.73	5.4		27.4	12.0	20.7
15.0	1330	14.0			0.73	5.4		27.6	12.0	20.9
15.0	1330	15.0			0.72	5.3		27.7	11.9	21.0
15.0	1330	16.0			0.72	5.2		27.9	11.9	21.1
15.0	1330	17.0			0.71	5.1		27.9	11.9	21.1
15.0	1330	18.0			0.72	5.2		27.9	11.9	21.1
15.0	1330	19.0			0.70	5.0		27.9	11.9	21.1
15.0	1330	20.0			0.70	5.0		27.9	11.9	21.1
13.0	1411	1.0	6.1	0.64	0.80	6.2	1.9	23.3	12.9	17.3
13.0	1411	2.0			0.80	6.2		23.3	12.9	17.4
13.0	1411	3.0			0.81	6.2		23.3	12.9	17.4
13.0	1411	4.0			0.80	6.2		23.4	12.8	17.4
13.0	1411	5.0			0.81	6.2		23.4	12.8	17.5
13.0	1411	6.0			0.82	6.4		23.5	12.8	17.5
13.0	1411	7.0			0.83	6.5		23.5	12.8	17.6

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STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
13.0	1411	8.0			0.86	6.8		23.6	12.8	17.6
11.0	1500	1.0	7.1	0.69	0.84	6.6	2.9	15.3	13.7	11.1
11.0	1500	3.0			0.84	6.6		15.6	13.5	11.3
11.0	1500	4.0			0.84	6.6		16.3	13.4	11.9
11.0	1500	5.0			0.87	7.0		16.8	13.4	12.3
11.0	1500	6.0			0.91	7.4		17.3	13.4	12.6
11.0	1500	7.0			0.92	7.6		18.0	13.3	13.2
11.0	1500	8.0			0.93	7.6		18.5	13.2	13.6
11.0	1500	9.0			0.93	7.6		19.4	13.2	14.3
11.0	1500	10.0			0.89	7.2		20.9	13.0	15.5
11.0	1500	11.0			0.87	6.9		21.9	13.0	16.3
11.0	1500	12.0			0.83	6.4		22.6	13.0	16.8
11.0	1500	13.0			0.81	6.2		23.1	12.9	17.2
11.0	1500	14.0			0.78	5.9		23.2	12.9	17.3
11.0	1500	15.0			0.76	5.7		23.3	12.9	17.4
10.0	1525	1.0			0.77	5.8	3.1	12.0	14.3	8.4
10.0	1525	2.0			0.77	5.8		12.4	14.2	8.8
10.0	1525	3.0			0.78	5.9		12.8	14.3	9.0
10.0	1525	4.0			0.79	6.0		13.6	14.0	9.7
10.0	1525	5.0			0.79	6.1		15.3	13.6	11.1
10.0	1525	6.0			0.80	6.2		15.8	13.6	11.5
10.0	1525	7.0			0.82	6.3		16.0	13.6	11.6
10.0	1525	8.0			0.83	6.5		16.2	13.5	11.8
10.0	1525	9.0			0.85	6.8		16.8	13.5	12.2
10.0	1525	10.0			0.87	6.9		16.9	13.5	12.3
10.0	1525	11.0			0.88	7.1		17.1	13.5	12.5
10.0	1525	12.0			0.90	7.3		17.3	13.4	12.6
10.0	1525	13.0			0.90	7.3		17.7	13.4	13.0
10.0	1525	14.0			0.90	7.3		17.9	13.4	13.1
9.0	1543	1.0			0.73	5.3	3.1	12.3	14.3	8.7
9.0	1543	2.0			0.73	5.3		12.3	14.3	8.7
9.0	1543	3.0			0.73	5.3		12.4	14.3	8.7
9.0	1543	4.0			0.74	5.4		12.4	14.2	8.8
9.0	1543	5.0			0.75	5.5		12.7	13.9	9.0
9.0	1543	6.0			0.76	5.7		13.5	13.8	9.7
9.0	1543	7.0			0.78	5.9		14.3	13.7	10.3
9.0	1543	8.0			0.81	6.2		15.2	13.6	11.0
9.0	1543	9.0			0.83	6.5		15.6	13.6	11.3
9.0	1543	10.0			0.84	6.6		15.8	13.6	11.5
9.0	1543	11.0			0.86	6.8		16.5	13.4	12.1
9.0	1543	12.0			0.86	6.8		16.9	13.4	12.3
9.0	1543	13.0			0.87	6.9		16.9	13.4	12.4
9.0	1543	14.0			0.87	6.9		17.0	13.4	12.4
9.0	1543	15.0			0.88	7.0		17.0	13.4	12.5
9.0	1543	16.0			0.86	6.8		17.1	13.4	12.5
9.0	1543	17.0			0.87	6.9		17.1	13.4	12.5
9.0	1543	18.0			0.87	6.9		17.2	13.4	12.6
9.0	1543	19.0			0.85	6.7		17.2	13.4	12.6
8.0	1605	1.0	4.6	0.67	0.64	4.2	2.7	8.4	14.5	5.7
8.0	1605	2.0			0.64	4.2		8.6	14.3	5.8
8.0	1605	3.0			0.64	4.2		8.7	14.2	5.9
8.0	1605	4.0			0.64	4.3		9.4	14.2	6.4
8.0	1605	5.0			0.65	4.3		10.8	14.2	7.5
8.0	1605	6.0			0.66	4.5		11.8	14.1	8.3
8.0	1605	7.0			0.66	4.5		12.2	14.1	8.6
8.0	1605	8.0			0.67	4.6		12.9	14.0	9.2
8.0	1605	9.0			0.68	4.7		13.4	14.0	9.6
8.0	1605	10.0			0.68	4.8		13.9	13.9	9.9
8.0	1605	11.0			0.69	4.8		14.3	13.9	10.2
8.0	1605	12.0			0.69	4.9		14.3	13.9	10.3

LOCATION: North San Francisco Bay
 DATE: April 11, 1991
 JULIAN DAY: 91101

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
8.0	1605	13.0			0.69	4.9		14.3	13.9	10.3
8.0	1605	14.0			0.69	4.9		14.3	13.9	10.3
8.0	1605	15.0			0.70	4.9		14.4	13.9	10.4
8.0	1605	16.0			0.70	4.9		14.5	13.9	10.4
7.0	1635	1.0			0.57	3.5	4.5	5.4	14.5	3.3
7.0	1635	2.0			0.57	3.5		5.9	14.4	3.7
7.0	1635	3.0			0.57	3.5		6.2	14.3	4.0
7.0	1635	4.0			0.57	3.5		6.9	14.2	4.5
7.0	1635	5.0			0.57	3.5		7.6	14.2	5.0
7.0	1635	6.0			0.57	3.5		8.0	14.1	5.4
7.0	1635	7.0			0.58	3.5		8.9	14.1	6.1
7.0	1635	8.0			0.58	3.5		9.1	14.1	6.2
7.0	1635	9.0			0.58	3.6		9.5	14.1	6.6
7.0	1635	10.0			0.59	3.7		9.7	14.1	6.7
7.0	1635	11.0			0.59	3.7		9.6	14.1	6.6
6.0	1707	1.0	1.6	0.26	0.54	3.1	10.1	2.9	14.0	1.5
6.0	1707	2.0			0.54	3.1		2.9	14.0	1.5
6.0	1707	3.0			0.54	3.1		3.0	14.1	1.5
6.0	1707	4.0			0.54	3.1		3.1	14.1	1.6
6.0	1707	5.0			0.53	3.0		3.1	14.1	1.7
6.0	1707	6.0			0.53	3.0		3.2	14.1	1.7
6.0	1707	7.0			0.53	3.0		3.4	14.1	1.9
6.0	1707	8.0			0.53	3.0		5.0	14.1	3.1
6.0	1707	9.0			0.53	3.0		6.0	14.1	3.8
5.0	1745	1.0			0.53	2.9	6.4	1.3	14.1	0.2
5.0	1745	2.0			0.53	2.9		1.3	14.1	0.2
5.0	1745	3.0			0.53	3.0		1.3	14.1	0.3
5.0	1745	4.0			0.53	3.0		1.3	14.1	0.3
5.0	1745	5.0			0.53	3.0		1.4	14.1	0.3
5.0	1745	6.0			0.53	3.0		1.5	14.1	0.4
5.0	1745	7.0			0.54	3.1		1.6	14.1	0.5
5.0	1745	8.0			0.54	3.1		1.7	14.1	0.5
5.0	1745	9.0			0.54	3.1		1.7	14.1	0.5
5.0	1745	10.0			0.54	3.1		1.7	14.1	0.5
4.0	1815	1.0			0.55	3.2	8.4	0.5	14.0	0.0
4.0	1815	2.0			0.55	3.2		0.5	14.0	0.0
4.0	1815	3.0			0.55	3.2		0.5	14.0	0.0
4.0	1815	4.0			0.55	3.2		0.5	14.0	0.0
4.0	1815	5.0			0.55	3.2		0.5	14.0	0.0
4.0	1815	6.0			0.55	3.2		0.5	14.0	0.0
4.0	1815	7.0			0.55	3.2		0.5	14.0	0.0
4.0	1815	8.0			0.55	3.2		0.5	14.0	0.0
4.0	1815	9.0			0.55	3.2		0.5	14.0	0.0
3.0	1849	1.0	2.1	0.53	0.52	2.9	5.7	0.2	14.5	0.0
3.0	1849	2.0			0.52	2.9		0.2	14.5	0.0
3.0	1849	3.0			0.53	3.0		0.2	14.5	0.0
3.0	1849	4.0			0.53	3.0		0.2	14.5	0.0
3.0	1849	5.0			0.53	3.0		0.2	14.5	0.0
3.0	1849	6.0			0.53	3.0		0.2	14.5	0.0
3.0	1849	7.0			0.53	3.0		0.2	14.5	0.0
3.0	1849	8.0			0.53	3.0		0.2	14.5	0.0
3.0	1849	9.0			0.53	3.0		0.2	14.5	0.0
2.0	1904	1.0			0.52	2.8	5.3	0.2	14.4	0.0
2.0	1904	2.0			0.52	2.8		0.2	14.4	0.0
2.0	1904	3.0			0.52	2.8		0.2	14.4	0.0
2.0	1904	4.0			0.52	2.8		0.2	14.4	0.0
2.0	1904	5.0			0.52	2.9		0.2	14.4	0.0
2.0	1904	6.0			0.52	2.9		0.2	14.4	0.0

LOCATION: North San Francisco Bay
 DATE: April 11, 1991
 JULIAN DAY: 91101

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
2.0	1904	7.0			0.52	2.9		0.2	14.4	0.0
2.0	1904	8.0			0.52	2.9		0.2	14.4	0.0
2.0	1904	9.0			0.52	2.9		0.2	14.4	0.0
649.0	1925	1.0	1.7	0.49	0.47	2.3	4.9	0.1	14.7	0.0
649.0	1925	2.0			0.47	2.3		0.1	14.7	0.0
649.0	1925	3.0			0.47	2.3		0.1	14.7	0.0
649.0	1925	4.0			0.47	2.3		0.1	14.7	0.0
649.0	1925	5.0			0.48	2.4		0.1	14.7	0.0
649.0	1925	6.0			0.48	2.4		0.1	14.7	0.0
649.0	1925	7.0			0.48	2.4		0.1	14.7	0.0
649.0	1925	8.0			0.48	2.4		0.1	14.7	0.0
649.0	1925	9.0			0.48	2.4		0.1	14.7	0.0
653.0	2000	1.0			0.45	2.0		0.1	15.0	0.0
653.0	2000	2.0			0.45	2.0		0.1	15.1	0.0
653.0	2000	3.0			0.45	2.0		0.1	15.1	0.0
653.0	2000	4.0			0.45	2.0		0.1	15.1	0.0
653.0	2000	5.0			0.45	2.1		0.1	15.1	0.0
653.0	2000	6.0			0.45	2.1		0.1	15.1	0.0
653.0	2000	7.0			0.45	2.1		0.1	15.1	0.0
653.0	2000	8.0			0.46	2.1		0.1	15.1	0.0
657.0	2030	1.0	1.8	0.45	0.45	2.1		0.1	15.2	0.0
657.0	2030	2.0			0.45	2.1		0.1	15.2	0.0
657.0	2030	3.0			0.46	2.1		0.1	15.2	0.0
657.0	2030	4.0			0.46	2.1		0.1	15.2	0.0
657.0	2030	5.0			0.46	2.1		0.1	15.2	0.0
657.0	2030	6.0			0.46	2.2		0.1	15.2	0.0
657.0	2030	7.0			0.46	2.2		0.1	15.2	0.0
657.0	2030	8.0			0.46	2.2		0.1	15.2	0.0

Fluorometer Calibration: n r² A B Syx
 10 0.80 -3.2 11.65 0.9

LOCATION: South and North San Francisco Bay
 DATE: April 12, 1991
 JULIAN DAY: 91102

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
28.5	1820	1.0			1.37	10.0	8.5	26.6	14.5	19.6
28.5	1820	2.0			1.37	10.0		26.6	14.5	19.6
28.5	1820	3.0			1.38	10.1		26.6	14.5	19.6
28.5	1820	4.0			1.42	10.4		26.6	14.5	19.6
28.5	1820	5.0			1.45	10.7		26.6	14.5	19.6
28.5	1820	6.0			1.51	11.1		26.6	14.5	19.6
28.5	1820	7.0			1.56	11.6		26.7	14.5	19.6
28.5	1820	8.0			1.62	12.1		26.7	14.5	19.7
28.5	1820	9.0			1.69	12.6		26.7	14.5	19.7
27.0	1800	1.0			1.25	9.0	12.4	26.5	14.2	19.6
27.0	1800	2.0			1.25	9.0		26.5	14.2	19.6
27.0	1800	3.0			1.27	9.1		26.5	14.2	19.6
27.0	1800	4.0			1.27	9.2		26.5	14.1	19.6
27.0	1800	5.0			1.28	9.2		26.5	14.1	19.6
27.0	1800	6.0			1.28	9.2		26.5	14.1	19.6
27.0	1800	7.0			1.28	9.2		26.5	14.1	19.6
27.0	1800	8.0			1.28	9.3		26.5	14.1	19.7
27.0	1800	9.0			1.28	9.3		26.6	14.1	19.7
26.0	1750	1.0			1.35	9.8	6.0	26.4	14.1	19.5
26.0	1750	2.0			1.35	9.8		26.4	14.1	19.5
26.0	1750	3.0			1.36	9.9		26.4	14.1	19.5
26.0	1750	4.0			1.36	9.9		26.4	14.1	19.6
26.0	1750	5.0			1.37	10.0		26.4	14.0	19.6
26.0	1750	6.0			1.39	10.1		26.5	14.0	19.6
26.0	1750	7.0			1.41	10.3		26.5	14.0	19.6
26.0	1750	8.0			1.44	10.6		26.5	14.0	19.6
25.0	1730	1.0			1.44	10.6	16.9	26.4	14.3	19.5
25.0	1730	2.0			1.44	10.6		26.5	14.3	19.5
25.0	1730	3.0			1.45	10.7		26.5	14.3	19.5
25.0	1730	4.0			1.45	10.7		26.5	14.3	19.5
25.0	1730	5.0			1.45	10.7		26.5	14.3	19.5
25.0	1730	6.0			1.46	10.7		26.5	14.3	19.5
25.0	1730	7.0			1.47	10.8		26.5	14.3	19.5
25.0	1730	8.0			1.48	10.9		26.5	14.3	19.5
24.0	1700	1.0			1.26	9.1	9.1	26.3	14.4	19.4
24.0	1700	2.0			1.26	9.1		26.3	14.4	19.4
24.0	1700	3.0			1.27	9.2		26.3	14.4	19.4
24.0	1700	4.0			1.29	9.4		26.3	14.4	19.4
24.0	1700	5.0			1.29	9.3		26.3	14.4	19.4
24.0	1700	6.0			1.29	9.4		26.3	14.4	19.4
24.0	1700	7.0			1.31	9.5		26.4	14.4	19.4
24.0	1700	8.0			1.31	9.5		26.4	14.4	19.5
24.0	1700	9.0			1.32	9.6		26.4	14.4	19.5
12.0	1200	1.0			0.79	5.2	1.9	23.7	13.1	17.6
12.0	1200	2.0			0.79	5.2		24.0	12.7	18.0
12.0	1200	3.0			0.80	5.3		24.7	12.5	18.5
12.0	1200	4.0			0.79	5.2		24.9	12.5	18.7
12.0	1200	5.0			0.80	5.3		25.1	12.4	18.9
12.0	1200	6.0			0.81	5.4		25.3	12.4	19.0
8.0	1046	1.0			0.61	3.8	3.1	6.4	14.4	4.1
8.0	1046	2.0			0.61	3.8		6.9	13.9	4.6
8.0	1046	3.0			0.60	3.6		8.4	13.8	5.8
8.0	1046	4.0			0.59	3.6		9.2	13.9	6.4
8.0	1046	5.0			0.59	3.6		9.5	13.9	6.6
8.0	1046	6.0			0.59	3.6		9.9	13.9	6.9
8.0	1046	7.0			0.59	3.6		10.2	13.9	7.2
8.0	1046	8.0			0.60	3.7		11.1	13.9	7.8
8.0	1046	9.0			0.63	3.9		11.8	13.9	8.3

LOCATION: South and North San Francisco Bay
 DATE: April 12, 1991
 JULIAN DAY: 91102

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
8.0	1046	10.0			0.65	4.1		12.2	13.9	8.6
8.0	1046	11.0			0.68	4.3		12.4	13.9	8.8
8.0	1046	12.0			0.71	4.6		12.5	13.8	8.9
8.0	1046	13.0			0.73	4.7		12.5	13.8	8.9

LOCATION: South San Francisco Bay
 DATE: April 15, 1991
 JULIAN DAY: 91105

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
33.0	1117	1.0	8.3	0.47	1.14	7.9	6.5	26.0	14.6	19.2
33.0	1117	2.0			1.14	7.9		26.1	14.5	19.2
33.0	1117	3.0			1.15	7.9		26.1	14.5	19.2
33.0	1117	4.0			1.16	8.0		26.1	14.5	19.2
33.0	1117	5.0			1.17	8.1		26.1	14.5	19.2
33.0	1117	6.0			1.19	8.2		26.1	14.5	19.2
33.0	1117	7.0			1.20	8.3		26.1	14.5	19.2
33.0	1117	8.0			1.22	8.4		26.1	14.4	19.3
33.0	1117	9.0			1.24	8.6		26.1	14.4	19.3
33.0	1117	10.0			1.28	8.9		26.1	14.4	19.3
33.0	1117	11.0	8.5	0.31	1.30	9.0		26.1	14.4	19.2
32.0	1056	1.0	9.1	0.54	1.12	7.7	5.7	26.1	14.5	19.2
32.0	1056	2.0			1.12	7.7		26.1	14.5	19.2
32.0	1056	3.0			1.13	7.8		26.1	14.5	19.2
32.0	1056	4.0			1.14	7.9		26.1	14.5	19.2
32.0	1056	5.0			1.16	8.0		26.1	14.4	19.3
32.0	1056	6.0			1.17	8.1		26.2	14.4	19.3
32.0	1056	7.0			1.21	8.3		26.3	14.2	19.4
32.0	1056	8.0			1.24	8.6		26.2	14.2	19.4
32.0	1056	9.0			1.29	8.9		26.2	14.2	19.4
32.0	1056	10.0			1.34	9.3		26.2	14.2	19.4
32.0	1056	11.0			1.37	9.5		26.2	14.2	19.4
32.0	1056	12.0			1.40	9.7		26.3	14.2	19.4
31.0	1042	1.0	7.2	0.42	1.12	7.7	5.6	26.4	14.4	19.4
31.0	1042	2.0			1.12	7.7		26.3	14.4	19.4
31.0	1042	3.0			1.12	7.7		26.4	14.4	19.4
31.0	1042	4.0			1.14	7.8		26.4	14.4	19.4
31.0	1042	5.0			1.14	7.9		26.4	14.4	19.4
31.0	1042	6.0			1.16	8.0		26.3	14.4	19.4
31.0	1042	7.0			1.16	8.0		26.3	14.4	19.4
31.0	1042	8.0			1.18	8.1		26.4	14.4	19.4
31.0	1042	9.0			1.23	8.5		26.4	14.2	19.5
31.0	1042	10.0			1.30	9.0		26.4	14.2	19.5
31.0	1042	11.0			1.35	9.3		26.4	14.2	19.5
31.0	1042	12.0			1.42	9.8		26.5	14.2	19.6
31.0	1042	13.0			1.46	10.1		26.5	14.2	19.6
31.0	1042	14.0			1.43	9.9		26.4	14.2	19.6
30.0	1021	1.0	8.8	0.49	1.21	8.4	7.1	26.5	14.4	19.5
30.0	1021	2.0			1.21	8.4		26.5	14.3	19.5
30.0	1021	3.0			1.23	8.5		26.5	14.3	19.6
30.0	1021	4.0			1.24	8.6		26.5	14.2	19.6
30.0	1021	5.0			1.25	8.7		26.5	14.2	19.6
30.0	1021	6.0			1.26	8.7		26.5	14.3	19.6
30.0	1021	7.0			1.27	8.8		26.5	14.1	19.6
30.0	1021	8.0			1.29	8.9		26.5	14.1	19.6
30.0	1021	9.0			1.31	9.0		26.5	14.0	19.7
30.0	1021	10.0			1.33	9.2		26.5	13.9	19.7
30.0	1021	11.0			1.34	9.3		26.5	13.9	19.7
30.0	1021	12.0			1.40	9.7		26.5	13.9	19.7
30.0	1021	13.0	11.0	0.21	1.46	10.1		26.5	13.8	19.7
29.5	1006	1.0	7.9	0.45	1.16	8.0	6.5	26.4	14.5	19.5
29.5	1006	2.0			1.16	8.0		26.4	14.5	19.5
29.5	1006	3.0			1.18	8.1		26.4	14.5	19.5
29.5	1006	4.0			1.18	8.2		26.4	14.5	19.5
29.5	1006	5.0			1.20	8.3		26.5	14.5	19.5
29.5	1006	6.0			1.23	8.5		26.5	14.4	19.6
29.5	1006	7.0			1.24	8.6		26.5	14.2	19.6
29.5	1006	8.0			1.24	8.6		26.5	14.1	19.6

LOCATION: South San Francisco Bay
 DATE: April 15, 1991
 JULIAN DAY: 91105

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
29.5	1006	9.0			1.25	8.6		26.5	14.1	19.6
29.5	1006	10.0			1.27	8.8		26.5	14.2	19.6
29.5	1006	11.0			1.33	9.2		26.4	14.4	19.5
29.5	1006	12.0			1.38	9.6		26.4	14.4	19.5
29.5	1006	13.0			1.44	10.0		26.4	14.4	19.5
29.0	943	1.0	9.2	0.42	1.25	8.7	8.9	26.4	14.5	19.5
29.0	943	2.0			1.25	8.7		26.5	14.5	19.5
29.0	943	3.0			1.27	8.8		26.5	14.4	19.5
29.0	943	4.0			1.28	8.9		26.5	14.4	19.5
29.0	943	5.0			1.29	8.9		26.5	14.4	19.5
29.0	943	6.0			1.30	9.0		26.5	14.4	19.5
29.0	943	7.0			1.31	9.0		26.5	14.4	19.5
29.0	943	8.0			1.32	9.1		26.5	14.4	19.5
29.0	943	9.0			1.33	9.2		26.5	14.4	19.5
29.0	943	10.0			1.35	9.4		26.5	14.4	19.5
29.0	943	11.0			1.36	9.4		26.5	14.4	19.5
29.0	943	12.0			1.38	9.6		26.5	14.4	19.5
29.0	943	13.0	9.1	0.25	1.45	10.0		26.4	14.4	19.5
28.0	930	1.0			1.09	7.5	7.9	26.5	14.4	19.5
28.0	930	2.0			1.09	7.5		26.5	14.4	19.5
28.0	930	3.0			1.10	7.6		26.5	14.4	19.5
28.0	930	4.0			1.11	7.6		26.5	14.4	19.5
28.0	930	5.0			1.12	7.7		26.5	14.4	19.5
28.0	930	6.0			1.14	7.9		26.5	14.4	19.5
28.0	930	7.0			1.16	8.0		26.5	14.4	19.5
28.0	930	8.0			1.19	8.2		26.5	14.4	19.5
28.0	930	9.0			1.23	8.5		26.5	14.4	19.5
28.0	930	10.0			1.25	8.6		26.5	14.4	19.5
28.0	930	11.0			1.28	8.9		26.5	14.4	19.5
28.0	930	12.0			1.29	9.0		26.5	14.4	19.5
28.0	930	13.0			1.33	9.2		26.5	14.4	19.5
27.0	916	1.0	9.5	0.39	1.35	9.4	6.7	26.5	14.3	19.6
27.0	916	2.0			1.35	9.4		26.5	14.3	19.6
27.0	916	3.0			1.36	9.4		26.5	14.3	19.6
27.0	916	4.0			1.36	9.4		26.5	14.3	19.6
27.0	916	5.0			1.36	9.4		26.5	14.3	19.6
27.0	916	6.0			1.36	9.4		26.5	14.3	19.6
27.0	916	7.0			1.36	9.4		26.5	14.3	19.6
27.0	916	8.0			1.36	9.4		26.5	14.3	19.6
27.0	916	9.0			1.36	9.4		26.5	14.3	19.6
27.0	916	10.0			1.34	9.3		26.5	14.3	19.6
27.0	916	11.0			1.33	9.2		26.5	14.3	19.5
27.0	916	12.0			1.35	9.3		26.5	14.3	19.5
26.0	907	1.0			1.12	7.7	8.9	26.5	14.2	19.6
26.0	907	2.0			1.12	7.7		26.5	14.2	19.6
26.0	907	3.0			1.14	7.8		26.5	14.2	19.6
26.0	907	4.0			1.14	7.9		26.5	14.2	19.6
26.0	907	5.0			1.15	7.9		26.5	14.2	19.6
26.0	907	6.0			1.15	7.9		26.5	14.2	19.6
26.0	907	7.0			1.16	8.0		26.5	14.2	19.6
26.0	907	8.0			1.16	8.0		26.5	14.2	19.6
25.0	850	1.0			1.17	8.1		26.4	14.0	19.6
25.0	850	2.0			1.17	8.1		26.4	14.0	19.6
25.0	850	3.0			1.19	8.2		26.4	14.0	19.6
25.0	850	4.0			1.19	8.2		26.4	14.0	19.6
24.0	827	1.0	6.1	0.29	1.16	8.0	11.2	26.4	13.9	19.6

LOCATION: South San Francisco Bay
 DATE: April 15, 1991
 JULIAN DAY: 91105

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
24.0	827	2.0			1.16	8.0		26.4	13.9	19.6
24.0	827	3.0			1.17	8.0		26.4	13.9	19.6
24.0	827	4.0			1.16	8.0		26.4	13.9	19.6
24.0	827	5.0			1.17	8.1		26.4	13.9	19.6
24.0	827	6.0			1.18	8.1		26.4	13.9	19.6
24.0	827	7.0			1.18	8.1		26.4	13.9	19.6
24.0	827	8.0			1.19	8.2		26.4	13.9	19.6

Fluorometer Calibration: n r² A B Syx
 11 0.49 -0.2 7.08 1.0

LOCATION: South San Francisco Bay
 DATE: April 19, 1991
 JULIAN DAY: 91109

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
33.0	1248	1.0	8.0	0.67	0.94	7.2	2.7	24.9	15.1	18.2
33.0	1248	2.0			0.94	7.2		25.1	14.7	18.4
33.0	1248	3.0			0.92	6.9		25.2	14.5	18.5
33.0	1248	4.0			0.93	7.1		25.2	14.5	18.6
33.0	1248	5.0			0.94	7.3		25.3	14.5	18.6
33.0	1248	6.0			0.95	7.4		25.3	14.5	18.6
33.0	1248	7.0			0.95	7.4		25.4	14.5	18.7
33.0	1248	8.0			0.95	7.5		25.4	14.6	18.7
33.0	1248	9.0			0.96	7.7		25.5	14.5	18.8
32.0	1240	1.0			0.90	6.7	2.5	25.5	15.2	18.6
32.0	1240	2.0			0.90	6.7		25.6	14.9	18.8
32.0	1240	3.0			0.89	6.5		25.7	14.8	18.9
32.0	1240	4.0			0.86	6.1		25.9	14.6	19.0
32.0	1240	5.0			0.86	6.0		25.9	14.6	19.1
32.0	1240	6.0			0.87	6.1		25.9	14.6	19.1
32.0	1240	7.0			0.88	6.3		25.9	14.6	19.1
32.0	1240	8.0			0.90	6.7		25.9	14.6	19.1
32.0	1240	9.0			0.91	6.8		25.9	14.6	19.1
32.0	1240	10.0			0.94	7.2		25.9	14.6	19.1
31.0	1225	1.0			0.88	6.3	2.8	25.9	14.8	19.0
31.0	1225	2.0			0.88	6.3		25.9	14.7	19.0
31.0	1225	3.0			0.88	6.4		25.9	14.7	19.1
31.0	1225	4.0			0.91	6.8		26.0	14.7	19.1
31.0	1225	5.0			0.92	7.0		26.0	14.7	19.1
31.0	1225	6.0			0.93	7.1		26.0	14.7	19.1
31.0	1225	7.0			0.94	7.3		26.0	14.7	19.1
31.0	1225	8.0			0.94	7.3		26.1	14.6	19.2
31.0	1225	9.0			0.94	7.3		26.1	14.6	19.2
31.0	1225	10.0			0.92	7.0		26.1	14.6	19.2
30.0	1200	1.0	5.8	0.50	0.83	5.6	3.3	26.2	14.7	19.2
30.0	1200	2.0			0.83	5.6		26.2	14.6	19.3
30.0	1200	3.0			0.84	5.6		26.3	14.5	19.4
30.0	1200	4.0			0.85	5.8		26.3	14.5	19.4
30.0	1200	5.0			0.87	6.2		26.3	14.5	19.4
30.0	1200	6.0			0.89	6.4		26.4	14.5	19.4
30.0	1200	7.0			0.90	6.7		26.4	14.4	19.4
30.0	1200	8.0			0.92	6.9		26.4	14.4	19.5
30.0	1200	9.0			0.91	6.8		26.4	14.4	19.5
30.0	1200	10.0			0.91	6.8		26.4	14.4	19.5
30.0	1200	11.0			0.91	6.8		26.5	14.4	19.5
29.5	1136	1.0			0.83	5.5	3.0	26.4	14.5	19.5
29.5	1136	2.0			0.83	5.5		26.4	14.5	19.4
29.5	1136	3.0			0.85	5.8		26.3	14.5	19.4
29.5	1136	4.0			0.89	6.4		26.3	14.5	19.4
29.5	1136	5.0			0.91	6.9		26.3	14.5	19.4
29.5	1136	6.0			0.95	7.5		26.3	14.5	19.4
29.5	1136	7.0			0.97	7.8		26.3	14.5	19.4
29.5	1136	8.0			0.99	8.1		26.3	14.5	19.4
29.5	1136	9.0			1.01	8.4		26.3	14.5	19.4
29.5	1136	10.0			1.01	8.4		26.3	14.5	19.4
29.5	1136	11.0			1.01	8.4		26.3	14.5	19.4
29.0	1122	1.0	5.0	0.47	0.82	5.4	2.8	26.5	14.6	19.5
29.0	1122	2.0			0.82	5.4		26.4	14.6	19.5
29.0	1122	3.0			0.82	5.4		26.5	14.5	19.5
29.0	1122	4.0			0.84	5.7		26.5	14.5	19.5
29.0	1122	5.0			0.86	6.1		26.4	14.5	19.5
29.0	1122	6.0			0.89	6.4		26.4	14.5	19.5
29.0	1122	7.0			0.91	6.8		26.4	14.5	19.5
29.0	1122	8.0			0.93	7.1		26.4	14.5	19.4

LOCATION: South San Francisco Bay
 DATE: April 19, 1991
 JULIAN DAY: 91109

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
29.0	1122	9.0			0.95	7.5		26.4	14.5	19.4
29.0	1122	10.0			0.98	7.9		26.4	14.5	19.4
29.0	1122	11.0			1.01	8.4		26.4	14.5	19.4
28.0	1110	1.0			0.85	5.8	3.6	26.4	14.5	19.5
28.0	1110	2.0			0.85	5.8		26.4	14.5	19.5
28.0	1110	3.0			0.87	6.1		26.4	14.5	19.5
28.0	1110	4.0			0.88	6.3		26.4	14.4	19.5
28.0	1110	5.0			0.90	6.6		26.4	14.4	19.5
28.0	1110	6.0			0.92	6.9		26.4	14.4	19.5
28.0	1110	7.0			0.93	7.0		26.5	14.4	19.5
28.0	1110	8.0			0.94	7.2		26.5	14.4	19.5
28.0	1110	9.0			0.94	7.3		26.4	14.4	19.5
28.0	1110	10.0			0.94	7.2		26.4	14.4	19.5
28.0	1110	11.0			0.93	7.2		26.4	14.4	19.5
28.0	1110	12.0			0.95	7.4		26.4	14.4	19.5
27.0	1056	1.0	4.7	0.39	0.87	6.1	3.5	26.5	14.4	19.5
27.0	1056	2.0			0.87	6.1		26.5	14.3	19.5
27.0	1056	3.0			0.88	6.3		26.5	14.3	19.5
27.0	1056	4.0			0.89	6.5		26.5	14.3	19.5
27.0	1056	5.0			0.91	6.8		26.5	14.3	19.5
27.0	1056	6.0			0.93	7.2		26.5	14.3	19.5
27.0	1056	7.0			0.95	7.5		26.5	14.3	19.5
27.0	1056	8.0			0.96	7.7		26.5	14.3	19.5
27.0	1056	9.0			0.98	7.9		26.5	14.3	19.5
26.0	1042	1.0			0.98	7.9	9.9	26.4	14.6	19.5
26.0	1042	2.0			0.98	7.9		26.4	14.6	19.5
26.0	1042	3.0			0.99	8.0		26.5	14.5	19.5
26.0	1042	4.0			1.01	8.4		26.5	14.5	19.5
26.0	1042	5.0			1.02	8.6		26.5	14.5	19.5
26.0	1042	6.0			1.03	8.7		26.5	14.5	19.5
26.0	1042	7.0			1.06	9.2		26.5	14.5	19.5
26.0	1042	8.0			1.07	9.3		26.5	14.5	19.5
26.0	1042	9.0			1.09	9.8		26.5	14.5	19.5
25.0	1023	1.0			1.00	8.2	7.7	26.6	14.3	19.6
25.0	1023	2.0			1.00	8.2		26.6	14.3	19.6
25.0	1023	3.0			1.01	8.5		26.6	14.3	19.6
25.0	1023	4.0			1.03	8.7		26.6	14.3	19.6
25.0	1023	5.0			1.03	8.8		26.6	14.3	19.6
25.0	1023	6.0			1.04	8.8		26.6	14.3	19.6
24.0	1000	1.0	5.4	0.47	0.80	5.0	3.4	27.1	13.8	20.1
24.0	1000	2.0			0.80	5.0		27.1	13.8	20.1
24.0	1000	3.0			0.80	4.9		27.1	13.7	20.1
24.0	1000	4.0			0.81	5.2		27.1	13.7	20.1
24.0	1000	5.0			0.81	5.2		27.1	13.7	20.1
24.0	1000	6.0			0.82	5.3		27.1	13.7	20.1
24.0	1000	7.0			0.82	5.3		27.1	13.7	20.1
24.0	1000	8.0			0.83	5.6		27.1	13.7	20.1
23.0	941	1.0			0.80	4.9	3.5	27.3	13.7	20.3
23.0	941	2.0			0.80	4.9		27.4	13.6	20.4
23.0	941	3.0			0.80	5.1		27.4	13.5	20.4
23.0	941	4.0			0.83	5.4		27.4	13.5	20.4
23.0	941	5.0			0.85	5.7		27.4	13.5	20.4
23.0	941	6.0			0.87	6.1		27.4	13.5	20.4
23.0	941	7.0			0.89	6.4		27.4	13.5	20.4
23.0	941	8.0			0.89	6.5		27.4	13.5	20.4
23.0	941	9.0			0.90	6.7		27.4	13.5	20.4
23.0	941	10.0			0.90	6.6		27.4	13.5	20.4
23.0	941	11.0			0.90	6.6		27.4	13.5	20.4

LOCATION: South San Francisco Bay
 DATE: April 19, 1991
 JULIAN DAY: 91109

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
23.0	941	12.0			0.90	6.6		27.4	13.5	20.4
22.0	915	1.0			0.72	3.7	2.6	28.2	12.9	21.1
22.0	915	2.0			0.72	3.7		28.2	12.9	21.2
22.0	915	3.0			0.73	3.8		28.2	12.9	21.2
22.0	915	4.0			0.72	3.7		28.3	12.9	21.2
22.0	915	5.0			0.73	4.0		28.3	12.9	21.2
22.0	915	6.0			0.74	4.0		28.3	12.8	21.2
22.0	915	7.0			0.75	4.1		28.4	12.8	21.3
22.0	915	8.0			0.76	4.4		28.4	12.8	21.3
22.0	915	9.0			0.76	4.4		28.4	12.8	21.3
22.0	915	10.0			0.77	4.5		28.4	12.8	21.3
22.0	915	11.0			0.74	4.1		28.4	12.8	21.3
22.0	915	12.0			0.76	4.4		28.4	12.8	21.3
22.0	915	13.0			0.75	4.2		28.4	12.8	21.3
22.0	915	14.0			0.75	4.2		28.4	12.8	21.3
22.0	915	15.0			0.73	3.9		28.4	12.8	21.3
21.0	855	1.0	4.9	0.47	0.77	4.6	3.8	28.3	12.8	21.3
21.0	855	2.0			0.77	4.6		28.3	12.8	21.2
21.0	855	3.0			0.77	4.6		28.4	12.8	21.3
21.0	855	4.0			0.79	4.8		28.4	12.8	21.3
21.0	855	5.0			0.80	5.1		28.4	12.8	21.4
21.0	855	6.0			0.82	5.3		28.4	12.8	21.4
21.0	855	7.0			0.82	5.3		28.4	12.8	21.4
21.0	855	8.0			0.83	5.5		28.5	12.7	21.4
21.0	855	9.0			0.84	5.6		28.6	12.7	21.5
21.0	855	10.0			0.83	5.5		28.6	12.7	21.5
21.0	855	11.0			0.83	5.6		28.6	12.7	21.5
21.0	855	12.0			0.83	5.4		28.6	12.7	21.5
21.0	855	13.0			0.82	5.3		28.6	12.7	21.5
21.0	855	14.0			0.82	5.3		28.6	12.7	21.5
21.0	855	15.0			0.81	5.3		28.6	12.7	21.5
21.0	855	16.0			0.82	5.3		28.6	12.7	21.5
21.0	855	17.0			0.83	5.5		28.6	12.7	21.5
21.0	855	18.0			0.83	5.4		28.6	12.7	21.5

Fluorometer Calibration: n r² A B Syx
 6 0.60 -7.9 16.16 0.9

LOCATION: South San Francisco Bay
 DATE: April 25, 1991
 JULIAN DAY: 91115

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
33.0	748	1.0	7.9	0.65	0.99	8.1	4.0	25.8	14.5	19.0
33.0	748	2.0			0.99	8.1		25.8	14.5	19.0
33.0	748	3.0			0.99	8.1		25.8	14.5	19.0
33.0	748	4.0			1.01	8.3		25.8	14.5	19.0
33.0	748	5.0			1.03	8.4		25.8	14.4	19.0
33.0	748	6.0			1.04	8.5		25.9	14.4	19.1
33.0	748	7.0			1.06	8.6		25.9	14.4	19.1
33.0	748	8.0			1.06	8.7		25.9	14.4	19.1
33.0	748	9.0			1.08	8.8		25.9	14.4	19.1
33.0	748	10.0			1.12	9.1		26.0	14.2	19.2
33.0	748	11.0	9.5	0.47	1.13	9.2		26.0	14.2	19.2
32.0	802	1.0	7.2	0.63	0.93	7.6	3.5	26.1	14.5	19.3
32.0	802	2.0			0.93	7.6		26.2	14.5	19.3
32.0	802	3.0			0.92	7.6		26.2	14.5	19.3
32.0	802	4.0			0.93	7.7		26.2	14.5	19.3
32.0	802	5.0			0.96	7.9		26.2	14.5	19.3
32.0	802	6.0			1.01	8.2		26.3	14.4	19.4
32.0	802	7.0			1.05	8.5		26.3	14.4	19.4
32.0	802	8.0			1.09	8.9		26.3	14.4	19.4
32.0	802	9.0			1.16	9.4		26.3	14.4	19.4
32.0	802	10.0			1.19	9.6		26.3	14.4	19.4
32.0	802	11.0			1.23	9.9		26.3	14.3	19.4
32.0	802	12.0			1.27	10.2		26.3	14.3	19.4
31.0	1007	1.0	8.3	0.76	0.90	7.5	2.4	26.4	14.8	19.4
31.0	1007	2.0			0.90	7.5		26.4	14.7	19.4
31.0	1007	3.0			0.90	7.5		26.4	14.6	19.4
31.0	1007	4.0			0.91	7.5		26.4	14.6	19.4
31.0	1007	5.0			0.92	7.6		26.4	14.6	19.4
31.0	1007	6.0			0.94	7.7		26.4	14.5	19.5
31.0	1007	7.0			0.96	7.9		26.4	14.5	19.5
31.0	1007	8.0			0.99	8.1		26.4	14.5	19.5
31.0	1007	9.0			1.02	8.3		26.4	14.5	19.5
31.0	1007	10.0			1.05	8.5		26.4	14.5	19.5
31.0	1007	11.0			1.06	8.6		26.4	14.5	19.5
31.0	1007	12.0			1.07	8.7		26.4	14.5	19.5
30.0	1107	1.0	6.5	0.63	0.86	7.2	4.0	26.6	14.5	19.6
30.0	1107	2.0			0.86	7.2		26.6	14.5	19.6
30.0	1107	3.0			0.87	7.2		26.6	14.5	19.6
30.0	1107	4.0			0.89	7.3		26.6	14.5	19.6
30.0	1107	5.0			0.91	7.5		26.6	14.5	19.6
30.0	1107	6.0			0.92	7.6		26.6	14.5	19.6
30.0	1107	7.0			0.94	7.7		26.6	14.5	19.6
30.0	1107	8.0			0.95	7.8		26.6	14.5	19.6
30.0	1107	9.0			0.96	7.9		26.6	14.5	19.6
30.0	1107	10.0			0.97	7.9		26.6	14.5	19.6
30.0	1107	11.0			0.98	8.0		26.6	14.5	19.6
30.0	1107	12.0	9.1	0.47	0.98	8.0		26.6	14.5	19.6
29.5	1132	1.0	5.5	0.50	0.83	6.9	3.4	26.6	14.8	19.6
29.5	1132	2.0			0.83	6.9		26.6	14.6	19.6
29.5	1132	3.0			0.83	6.9		26.7	14.6	19.6
29.5	1132	4.0			0.83	6.9		26.7	14.5	19.7
29.5	1132	5.0			0.86	7.1		26.7	14.5	19.7
29.5	1132	6.0			0.87	7.2		26.7	14.5	19.7
29.5	1132	7.0			0.89	7.4		26.7	14.5	19.7
29.5	1132	8.0			0.91	7.5		26.7	14.5	19.7
29.5	1132	9.0			0.91	7.6		26.7	14.5	19.7

LOCATION: South San Francisco Bay
 DATE: April 25, 1991
 JULIAN DAY: 91115

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
29.5	1132	10.0			0.92	7.6		26.7	14.4	19.7
29.5	1132	11.0			0.91	7.5		26.7	14.4	19.7
29.5	1132	12.0			0.93	7.7		26.7	14.4	19.7
29.5	1132	13.0			0.91	7.5		26.7	14.4	19.7
29.0	1154	1.0	5.3	0.41	0.87	7.2	4.0	26.7	14.8	19.6
29.0	1154	2.0			0.87	7.2		26.7	14.8	19.6
29.0	1154	3.0			0.87	7.2		26.7	14.8	19.6
29.0	1154	4.0			0.89	7.4		26.7	14.7	19.7
29.0	1154	5.0			0.91	7.5		26.7	14.6	19.7
29.0	1154	6.0			0.92	7.6		26.7	14.5	19.7
29.0	1154	7.0			0.93	7.7		26.8	14.5	19.8
29.0	1154	8.0			0.94	7.7		26.8	14.4	19.8
29.0	1154	9.0			0.94	7.8		26.8	14.4	19.8
29.0	1154	10.0			0.94	7.8		26.8	14.4	19.8
29.0	1154	11.0			0.93	7.7		26.8	14.4	19.8
29.0	1154	12.0			0.92	7.6		26.8	14.4	19.8
29.0	1154	13.0			0.92	7.6		26.8	14.4	19.8
28.0	1214	1.0			0.89	7.4	3.0	27.0	14.6	19.9
28.0	1214	2.0			0.89	7.4		27.0	14.5	19.9
28.0	1214	3.0			0.89	7.4		27.0	14.5	19.9
28.0	1214	4.0			0.89	7.4		27.0	14.4	19.9
28.0	1214	5.0			0.90	7.5		27.1	14.3	20.0
28.0	1214	6.0			0.91	7.5		27.1	14.3	20.0
28.0	1214	7.0			0.91	7.6		27.1	14.3	20.0
28.0	1214	8.0			0.92	7.6		27.1	14.3	20.0
28.0	1214	9.0			0.92	7.6		27.1	14.3	20.0
28.0	1214	10.0			0.92	7.6		27.1	14.3	20.0
28.0	1214	11.0			0.90	7.5		27.1	14.3	20.0
28.0	1214	12.0			0.90	7.5		27.1	14.2	20.0
28.0	1214	13.0			0.90	7.5		27.1	14.2	20.1
27.0	1228	1.0	7.6	0.59	0.92	7.6	3.2	27.5	14.3	20.3
27.0	1228	2.0			0.92	7.6		27.5	14.2	20.3
27.0	1228	3.0			0.93	7.6		27.5	14.2	20.4
27.0	1228	4.0			0.93	7.6		27.5	14.1	20.4
27.0	1228	5.0			0.94	7.7		27.6	14.0	20.4
27.0	1228	6.0			0.93	7.7		27.5	14.0	20.4
27.0	1228	7.0			0.94	7.7		27.5	14.0	20.4
27.0	1228	8.0			0.94	7.7		27.5	14.0	20.4
27.0	1228	9.0			0.93	7.7		27.5	14.0	20.4
27.0	1228	10.0			0.93	7.7		27.5	13.9	20.4
27.0	1228	11.0			0.92	7.6		27.5	13.8	20.5
26.0	1240	1.0			0.85	7.1	2.2	27.7	13.9	20.6
26.0	1240	2.0			0.85	7.1		27.8	13.9	20.6
26.0	1240	3.0			0.85	7.1		27.7	13.9	20.6
26.0	1240	4.0			0.85	7.1		27.8	13.9	20.6
26.0	1240	5.0			0.85	7.1		27.8	13.8	20.7
26.0	1240	6.0			0.85	7.0		27.8	13.7	20.7
26.0	1240	7.0			0.86	7.1		27.8	13.6	20.7
26.0	1240	8.0			0.88	7.3		27.8	13.6	20.7
26.0	1240	9.0			0.89	7.3		27.8	13.6	20.7
25.0	1255	1.0	7.8	0.46	0.79	6.6	2.4	28.2	13.6	21.0
25.0	1255	2.0			0.79	6.6		28.2	13.6	21.0
25.0	1255	3.0			0.79	6.6		28.2	13.6	21.0
25.0	1255	4.0			0.81	6.8		28.2	13.6	21.0
25.0	1255	5.0			0.81	6.8		28.3	13.4	21.1

LOCATION: South San Francisco Bay
 DATE: April 25, 1991
 JULIAN DAY: 91115

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
25.0	1255	6.0			0.82	6.8		28.4	13.3	21.2
25.0	1255	7.0	7.1	0.40	0.84	7.0		28.4	13.3	21.2
24.0	1307	1.0	7.3	0.39	0.73	6.2	2.4	28.7	13.3	21.5
24.0	1307	2.0			0.73	6.2		28.7	13.3	21.5
24.0	1307	3.0			0.74	6.3		28.7	13.2	21.5
24.0	1307	4.0			0.74	6.3		28.8	13.1	21.5
24.0	1307	5.0			0.75	6.3		28.8	13.1	21.6
24.0	1307	6.0			0.77	6.5		28.8	13.1	21.5
24.0	1307	7.0			0.77	6.5		28.8	13.1	21.6
24.0	1307	8.0			0.78	6.6		28.8	13.1	21.5

Fluorometer Calibration: n r² A B Syx

 12 0.38 0.8 7.42 1.0

LOCATION: North San Francisco Bay
 DATE: May 8, 1991
 JULIAN DAY: 91128

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
657.0	1623	1.0	4.2	0.70	0.53	3.0	2.4	0.1	18.0	0.0
657.0	1623	2.0			0.53	3.0		0.1	18.0	0.0
657.0	1623	3.0			0.53	3.0		0.1	18.0	0.0
657.0	1623	4.0			0.53	3.0		0.1	18.0	0.0
657.0	1623	5.0			0.54	3.1		0.1	18.0	0.0
657.0	1623	6.0			0.55	3.2		0.1	18.0	0.0
657.0	1623	7.0			0.55	3.2		0.1	18.0	0.0
657.0	1623	8.0			0.56	3.3		0.1	18.0	0.0
649.0	1528	1.0	3.3	0.56	0.53	3.0	3.1	1.7	17.0	0.1
649.0	1528	2.0			0.53	3.0		1.7	17.0	0.1
649.0	1528	3.0			0.53	3.0		1.7	17.0	0.1
649.0	1528	4.0			0.53	3.0		1.7	17.0	0.1
649.0	1528	5.0			0.54	3.1		1.7	17.0	0.1
649.0	1528	6.0			0.54	3.1		1.7	17.0	0.1
649.0	1528	7.0			0.54	3.1		1.7	17.0	0.1
649.0	1528	8.0			0.54	3.2		1.7	17.0	0.1
649.0	1528	9.0	4.1	0.58	0.55	3.2		1.7	17.0	0.1
3.0	1458	1.0			0.47	2.3	3.6	3.7	17.2	1.6
3.0	1458	2.0			0.47	2.3		3.7	17.2	1.6
3.0	1458	3.0			0.48	2.4		3.7	17.2	1.6
3.0	1458	4.0			0.48	2.4		3.9	17.2	1.7
3.0	1458	5.0			0.48	2.4		3.9	17.2	1.7
3.0	1458	6.0			0.48	2.4		3.9	17.2	1.8
3.0	1458	7.0			0.49	2.5		4.0	17.2	1.8
3.0	1458	8.0			0.49	2.5		4.0	17.2	1.8
3.0	1458	9.0			0.49	2.5		4.0	17.2	1.8
3.0	1458	10.0			0.49	2.5		4.0	17.2	1.8
4.0	1429	1.0	1.9	0.45	0.48	2.4	7.1	5.8	17.2	3.2
4.0	1429	2.0			0.48	2.4		5.8	17.2	3.2
4.0	1429	3.0			0.48	2.4		5.8	17.2	3.2
4.0	1429	4.0			0.48	2.4		5.8	17.2	3.2
4.0	1429	5.0			0.49	2.5		5.9	17.2	3.2
4.0	1429	6.0			0.49	2.5		5.9	17.2	3.2
4.0	1429	7.0			0.49	2.5		5.9	17.1	3.2
4.0	1429	8.0			0.49	2.6		5.9	17.1	3.2
4.0	1429	9.0			0.49	2.6		5.9	17.1	3.3
4.0	1429	10.0			0.49	2.5		5.9	17.1	3.3
4.0	1429	11.0			0.47	2.3		5.9	17.1	3.3
5.0	1359	1.0			0.50	2.6	5.5	7.1	17.1	4.2
5.0	1359	2.0			0.50	2.6		7.1	17.1	4.2
5.0	1359	3.0			0.50	2.7		7.1	17.1	4.2
5.0	1359	4.0			0.51	2.7		7.2	17.1	4.2
5.0	1359	5.0			0.51	2.8		7.2	17.1	4.3
5.0	1359	6.0			0.52	2.8		7.2	17.0	4.3
5.0	1359	7.0			0.52	2.8		7.2	17.0	4.3
5.0	1359	8.0			0.52	2.9		7.2	17.0	4.3
5.0	1359	9.0			0.52	2.9		7.3	17.0	4.3
6.0	1333	1.0	1.6	0.35	0.52	2.8	4.8	9.4	17.0	5.9
6.0	1333	2.0			0.52	2.8		9.4	17.0	5.9
6.0	1333	3.0			0.52	2.9		9.4	17.0	6.0
6.0	1333	4.0			0.52	2.9		9.4	17.0	6.0
6.0	1333	5.0			0.53	3.0		9.5	17.0	6.0
6.0	1333	6.0			0.53	3.0		9.5	17.1	6.1
6.0	1333	7.0			0.53	3.0		9.6	17.0	6.1
6.0	1333	8.0			0.54	3.1		9.7	17.1	6.2
6.0	1333	9.0			0.54	3.1		9.8	17.1	6.2
6.0	1333	10.0	2.5	0.41	0.54	3.1		9.8	17.1	6.2
7.0	1306	1.0			0.54	3.0	1.9	12.9	16.7	8.6

LOCATION: North San Francisco Bay
 DATE: May 8, 1991
 JULIAN DAY: 91128

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
7.0	1306	2.0			0.54	3.0		12.9	16.7	8.7
7.0	1306	3.0			0.53	3.0		13.0	16.6	8.8
7.0	1306	4.0			0.54	3.1		13.3	16.5	9.0
7.0	1306	5.0			0.54	3.1		13.4	16.5	9.1
7.0	1306	6.0			0.54	3.1		13.5	16.4	9.2
7.0	1306	7.0			0.54	3.1		13.5	16.4	9.2
7.0	1306	8.0			0.54	3.1		13.6	16.4	9.2
7.0	1306	9.0			0.55	3.2		13.8	16.4	9.4
8.0	1204	1.0	4.1	0.66	0.63	4.2	2.1	16.8	16.4	11.7
8.0	1204	2.0			0.63	4.2		16.8	16.3	11.7
8.0	1204	3.0			0.63	4.1		16.8	16.3	11.7
8.0	1204	4.0			0.62	4.0		16.9	16.3	11.8
8.0	1204	5.0			0.60	3.8		17.2	16.2	12.0
8.0	1204	6.0			0.59	3.7		17.4	16.1	12.2
8.0	1204	7.0			0.59	3.7		17.6	16.1	12.4
8.0	1204	8.0			0.59	3.6		17.8	16.1	12.6
8.0	1204	9.0			0.60	3.8		18.4	16.1	13.0
8.0	1204	10.0			0.60	3.8		18.8	16.1	13.3
8.0	1204	11.0	4.2	0.45	0.60	3.8		19.3	16.1	13.7
9.0	1142	1.0			0.60	3.8	2.4	18.2	16.2	12.8
9.0	1142	2.0			0.60	3.8		18.2	16.2	12.8
9.0	1142	3.0			0.60	3.8		18.2	16.2	12.9
9.0	1142	4.0			0.60	3.8		18.3	16.2	12.9
9.0	1142	5.0			0.60	3.8		18.3	16.2	12.9
9.0	1142	6.0			0.61	4.0		18.6	16.1	13.1
9.0	1142	7.0			0.62	4.1		18.7	16.1	13.2
9.0	1142	8.0			0.63	4.2		19.0	16.1	13.5
9.0	1142	9.0			0.64	4.3		19.8	16.0	14.1
9.0	1142	10.0			0.64	4.3		20.1	16.0	14.3
9.0	1142	11.0			0.63	4.1		20.1	16.0	14.3
9.0	1142	12.0			0.62	4.1		20.1	16.0	14.3
9.0	1142	13.0			0.63	4.2		20.5	16.0	14.6
9.0	1142	14.0			0.62	4.1		20.6	16.0	14.7
9.0	1142	15.0			0.64	4.3		20.6	16.0	14.7
9.0	1142	16.0			0.63	4.2		20.6	16.0	14.7
9.0	1142	17.0			0.65	4.4		20.6	16.0	14.7
9.0	1142	18.0			0.64	4.3		20.6	16.0	14.7
9.0	1142	19.0			0.64	4.3		20.6	16.0	14.7
9.0	1142	20.0			0.64	4.3		20.6	16.0	14.7
10.0	1128	1.0	4.8	0.71	0.72	5.2	2.3	19.1	16.4	13.5
10.0	1128	2.0			0.72	5.2		19.2	16.3	13.6
10.0	1128	3.0			0.72	5.3		19.4	16.3	13.8
10.0	1128	4.0			0.71	5.1		19.7	16.1	14.0
10.0	1128	5.0			0.70	5.0		20.7	16.0	14.7
10.0	1128	6.0			0.69	4.9		20.9	16.0	14.9
10.0	1128	7.0			0.69	4.8		21.1	16.0	15.1
10.0	1128	8.0			0.68	4.8		21.2	16.0	15.2
10.0	1128	9.0			0.69	4.8		21.3	15.9	15.3
10.0	1128	10.0			0.68	4.7		21.4	15.9	15.4
10.0	1128	11.0			0.67	4.7		21.5	15.9	15.4
10.0	1128	12.0			0.68	4.8		21.6	15.9	15.5
10.0	1128	13.0			0.69	4.8		21.6	15.9	15.5
10.0	1128	14.0			0.69	4.9		21.6	15.9	15.5
10.0	1128	15.0			0.72	5.2		21.8	15.9	15.7
11.0	1102	1.0			0.92	7.6	2.9	20.7	16.5	14.7
11.0	1102	2.0			0.92	7.6		21.0	16.4	14.9
11.0	1102	3.0			0.93	7.7		21.3	16.4	15.2
11.0	1102	4.0			0.94	7.8		21.5	16.4	15.3
11.0	1102	5.0			0.95	7.9		21.6	16.4	15.4
11.0	1102	6.0			0.97	8.1		21.6	16.4	15.4

LOCATION: North San Francisco Bay
 DATE: May 8, 1991
 JULIAN DAY: 91128

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
11.0	1102	7.0			0.97	8.1		21.9	16.3	15.6
11.0	1102	8.0			0.95	7.9		22.7	16.1	16.3
11.0	1102	9.0			0.94	7.8		23.2	16.0	16.7
11.0	1102	10.0			0.94	7.7		23.3	15.9	16.8
11.0	1102	11.0			0.93	7.6		23.6	15.8	17.0
11.0	1102	12.0			0.92	7.6		23.6	15.7	17.1
13.0	1021	1.0			0.79	6.1	2.0	23.2	16.0	16.7
13.0	1021	2.0			0.79	6.1		23.2	16.0	16.7
13.0	1021	3.0			0.80	6.2		23.2	16.0	16.7
13.0	1021	4.0			0.81	6.3		23.2	16.0	16.7
13.0	1021	5.0			0.81	6.3		23.3	15.9	16.8
13.0	1021	6.0			0.81	6.3		24.1	15.5	17.5
13.0	1021	7.0			0.77	5.8		26.7	14.7	19.7
13.0	1021	8.0			0.78	5.9		27.0	14.6	19.9
13.0	1021	9.0			0.76	5.7		27.0	14.6	19.9
15.0	943	1.0			0.67	4.7	1.7	27.7	14.5	20.5
15.0	943	2.0			0.67	4.7		27.7	14.5	20.5
15.0	943	3.0			0.67	4.6		27.7	14.5	20.5
15.0	943	4.0			0.68	4.8		27.7	14.5	20.5
15.0	943	5.0			0.68	4.8		27.7	14.4	20.5
15.0	943	6.0			0.70	5.0		27.7	14.4	20.5
15.0	943	7.0			0.70	5.0		27.7	14.4	20.5
15.0	943	8.0			0.72	5.2		27.7	14.4	20.5
15.0	943	9.0			0.74	5.4		27.7	14.4	20.5
15.0	943	10.0			0.73	5.3		27.8	14.4	20.6
15.0	943	11.0			0.73	5.3		28.2	14.2	20.9
15.0	943	12.0			0.72	5.2		28.8	14.0	21.4
15.0	943	13.0			0.71	5.1		29.1	13.9	21.7
15.0	943	14.0			0.71	5.1		29.3	13.9	21.8
15.0	943	15.0			0.71	5.1		29.3	13.9	21.8
15.0	943	16.0			0.71	5.1		29.3	13.8	21.8
15.0	943	17.0			0.71	5.1		29.4	13.8	21.9
15.0	943	18.0			0.70	5.0		29.4	13.8	21.9
15.0	943	19.0			0.70	5.0		29.4	13.8	21.9

Fluorometer Calibration: n r² A B Syx
 9 0.55 -3.2 11.70 0.8

LOCATION: South San Francisco Bay
 DATE: May 8, 1991
 JULIAN DAY: 91127

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
33.0	518	1.0	7.0	0.51	0.97	7.2	4.6	26.8	16.9	19.2
33.0	518	2.0			0.97	7.2		26.8	16.9	19.2
33.0	518	3.0			0.98	7.2		26.8	16.9	19.2
33.0	518	4.0			0.99	7.3		26.8	16.9	19.2
33.0	518	5.0			0.99	7.4		26.8	16.9	19.2
33.0	518	6.0			1.00	7.4		26.8	16.9	19.2
33.0	518	7.0			1.00	7.5		26.8	16.9	19.3
33.0	518	8.0			1.01	7.5		26.8	16.9	19.3
32.0	532	1.0	5.4	0.48	0.86	6.2	4.6	26.9	16.8	19.4
32.0	532	2.0			0.86	6.2		26.9	16.8	19.4
32.0	532	3.0			0.87	6.3		26.9	16.8	19.4
32.0	532	4.0			0.87	6.3		26.9	16.8	19.4
32.0	532	5.0			0.88	6.4		26.9	16.8	19.4
32.0	532	6.0			0.88	6.4		26.9	16.8	19.4
32.0	532	7.0			0.89	6.5		26.9	16.8	19.4
32.0	532	8.0			0.90	6.6		26.9	16.8	19.4
32.0	532	9.0			0.91	6.6		26.9	16.8	19.4
32.0	532	10.0			0.90	6.6		26.9	16.8	19.4
32.0	532	11.0			0.90	6.6		26.9	16.8	19.4
31.0	545	1.0	5.7	0.48	0.84	6.0	4.2	26.9	16.6	19.4
31.0	545	2.0			0.84	6.0		26.9	16.6	19.4
31.0	545	3.0			0.84	6.1		26.9	16.6	19.4
31.0	545	4.0			0.84	6.1		26.9	16.6	19.4
31.0	545	5.0			0.85	6.2		26.9	16.6	19.4
31.0	545	6.0			0.86	6.2		26.9	16.6	19.4
31.0	545	7.0			0.86	6.3		26.9	16.6	19.4
31.0	545	8.0			0.86	6.3		26.9	16.6	19.4
31.0	545	9.0			0.87	6.3		26.9	16.6	19.4
31.0	545	10.0			0.87	6.3		26.9	16.6	19.4
31.0	545	11.0			0.85	6.2		26.9	16.6	19.4
31.0	545	12.0			0.84	6.1		26.9	16.6	19.4
30.0	605	1.0	4.8	0.49	0.74	5.2	3.6	27.2	15.9	19.8
30.0	605	2.0			0.74	5.2		27.2	15.9	19.8
30.0	605	3.0			0.74	5.2		27.2	15.9	19.8
30.0	605	4.0			0.74	5.2		27.2	15.9	19.8
30.0	605	5.0			0.75	5.3		27.2	15.9	19.8
30.0	605	6.0			0.75	5.3		27.2	15.9	19.8
30.0	605	7.0			0.76	5.4		27.2	15.9	19.8
30.0	605	8.0			0.76	5.4		27.2	15.9	19.8
30.0	605	9.0			0.76	5.4		27.2	15.9	19.8
30.0	605	10.0			0.76	5.4		27.2	15.9	19.8
30.0	605	11.0			0.75	5.3		27.2	15.9	19.8
30.0	605	12.0			0.76	5.4		27.2	15.9	19.8
30.0	605	13.0			0.76	5.4		27.3	15.9	19.8
29.5	624	1.0	5.4	0.60	0.74	5.2	2.7	27.5	15.8	20.0
29.5	624	2.0			0.74	5.2		27.5	15.8	20.0
29.5	624	3.0			0.74	5.2		27.5	15.8	20.0
29.5	624	4.0			0.73	5.1		27.5	15.8	20.0
29.5	624	5.0			0.74	5.2		27.4	15.8	20.0
29.5	624	6.0			0.74	5.2		27.5	15.8	20.0
29.5	624	7.0			0.75	5.3		27.5	15.7	20.0
29.5	624	8.0			0.75	5.3		27.5	15.7	20.1
29.5	624	9.0			0.75	5.3		27.6	15.7	20.1
29.5	624	10.0			0.74	5.2		27.6	15.7	20.1
29.5	624	11.0			0.73	5.1		27.6	15.8	20.1
29.5	624	12.0			0.73	5.1		27.7	15.8	20.2
29.5	624	13.0			0.74	5.2		27.7	15.8	20.2
29.5	624	14.0			0.72	5.0		27.8	15.7	20.2
29.5	624	15.0			0.74	5.2		27.8	15.7	20.3
29.0	635	1.0	5.1	0.61	0.71	5.0	2.2	27.5	15.7	20.0

LOCATION: South San Francisco Bay
 DATE: May 8, 1991
 JULIAN DAY: 91127

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
29.0	635	2.0			0.71	5.0		27.5	15.7	20.1
29.0	635	3.0			0.71	5.0		27.5	15.7	20.1
29.0	635	4.0			0.71	4.9		27.5	15.7	20.1
29.0	635	5.0			0.71	4.9		27.5	15.7	20.1
29.0	635	6.0			0.71	5.0		27.7	15.7	20.2
29.0	635	7.0			0.71	5.0		27.8	15.8	20.3
29.0	635	8.0			0.71	5.0		27.9	15.9	20.3
29.0	635	9.0			0.71	5.0		27.9	16.0	20.3
29.0	635	10.0			0.71	4.9		28.0	16.0	20.3
29.0	635	11.0			0.71	4.9		28.0	16.0	20.4
29.0	635	12.0			0.70	4.9		28.0	16.0	20.4
29.0	635	13.0			0.70	4.9		28.1	15.9	20.4
28.0	651	1.0			0.70	4.9	1.9	27.8	15.6	20.3
28.0	651	2.0			0.70	4.9		27.8	15.6	20.3
28.0	651	3.0			0.71	4.9		27.8	15.6	20.3
28.0	651	4.0			0.71	4.9		27.8	15.6	20.3
28.0	651	5.0			0.71	4.9		27.8	15.6	20.3
28.0	651	6.0			0.70	4.9		27.9	15.5	20.4
28.0	651	7.0			0.70	4.9		28.0	15.5	20.5
28.0	651	8.0			0.72	5.0		28.2	15.4	20.7
28.0	651	9.0			0.75	5.3		28.4	15.4	20.8
28.0	651	10.0			0.76	5.4		28.4	15.3	20.9
28.0	651	11.0			0.78	5.6		28.5	15.3	20.9
28.0	651	12.0			0.81	5.8		28.5	15.2	21.0
28.0	651	13.0			0.82	5.9		28.6	15.2	21.0
28.0	651	14.0			0.84	6.1		28.6	15.2	21.0
27.0	706	1.0	6.6	0.56	0.86	6.2	3.7	28.2	15.3	20.7
27.0	706	2.0			0.86	6.2		28.4	15.3	20.8
27.0	706	3.0			0.86	6.3		28.4	15.3	20.8
27.0	706	4.0			0.89	6.5		28.4	15.3	20.8
27.0	706	5.0			0.90	6.5		28.4	15.3	20.8
27.0	706	6.0			0.91	6.6		28.4	15.3	20.8
27.0	706	7.0			0.92	6.7		28.4	15.3	20.8
27.0	706	8.0			0.92	6.7		28.4	15.3	20.8
27.0	706	9.0			0.92	6.8		28.4	15.3	20.8
27.0	706	10.0			0.92	6.7		28.4	15.3	20.9
27.0	706	11.0			0.91	6.7		28.4	15.3	20.8
26.0	719	1.0			0.84	6.1	1.9	28.6	15.0	21.0
26.0	719	2.0			0.84	6.1		28.7	15.0	21.1
26.0	719	3.0			0.84	6.1		28.7	15.0	21.1
26.0	719	4.0			0.85	6.1		28.8	15.0	21.2
26.0	719	5.0			0.83	6.0		28.8	14.9	21.3
26.0	719	6.0			0.85	6.1		28.8	14.9	21.3
26.0	719	7.0			0.85	6.1		28.8	14.9	21.3
26.0	719	8.0			0.84	6.1		28.9	14.9	21.3
26.0	719	9.0			0.84	6.1		28.9	14.9	21.3
26.0	719	10.0			0.86	6.2		28.9	14.8	21.3
24.0	747	1.0			0.69	4.8	1.8	29.5	14.1	21.9
24.0	747	2.0			0.69	4.8		29.5	14.1	21.9
24.0	747	3.0			0.70	4.9		29.5	14.1	21.9
24.0	747	4.0			0.70	4.8		29.5	14.1	21.9
24.0	747	5.0			0.71	4.9		29.5	14.1	21.9
24.0	747	6.0			0.71	4.9		29.5	14.1	21.9
24.0	747	7.0			0.71	4.9		29.5	14.1	21.9
24.0	747	8.0			0.71	5.0		29.5	14.1	22.0
24.0	747	9.0			0.72	5.1		29.6	14.1	22.0
24.0	747	10.0			0.72	5.1		29.6	14.1	22.0
21.0	821	1.0	7.3	0.68	0.86	6.2	1.7	29.4	14.7	21.7
21.0	821	2.0			0.86	6.2		29.4	14.8	21.7

LOCATION: South San Francisco Bay
 DATE: May 8, 1991
 JULIAN DAY: 91127

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
21.0	821	3.0			0.87	6.3		29.4	14.7	21.7
21.0	821	4.0			0.87	6.3		29.4	14.7	21.7
21.0	821	5.0			0.86	6.3		29.4	14.6	21.8
21.0	821	6.0			0.84	6.1		29.6	14.4	21.9
21.0	821	7.0			0.81	5.8		29.7	14.1	22.1
21.0	821	8.0			0.78	5.6		29.8	13.9	22.2
21.0	821	9.0			0.76	5.4		30.1	13.7	22.5
21.0	821	10.0			0.75	5.3		30.4	13.4	22.7
21.0	821	11.0			0.72	5.0		30.5	13.3	22.9
21.0	821	12.0			0.72	5.1		30.9	12.9	23.2
21.0	821	13.0			0.76	5.4		31.1	12.8	23.4
21.0	821	14.0			0.76	5.4		31.1	12.8	23.4

Fluorometer Calibration:	n	r ²	A	B	Syx
	8	0.62	-1.1	8.51	0.6

LOCATION: North San Francisco Bay
 DATE: June 5, 1991
 JULIAN DAY: 91156

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
18.0	1051	1.0			0.54	3.6	1.0	30.1	15.0	22.2
18.0	1051	2.0			0.54	3.6		30.3	14.9	22.3
18.0	1051	3.0			0.57	4.0		30.5	14.7	22.6
18.0	1051	4.0			0.57	4.0		30.8	14.5	22.8
18.0	1051	5.0			0.57	4.1		30.5	14.7	22.6
18.0	1051	6.0			0.58	4.2		30.8	14.5	22.8
18.0	1051	7.0			0.59	4.3		30.9	14.5	22.9
18.0	1051	8.0			0.59	4.3		30.9	14.5	22.9
18.0	1051	9.0			0.59	4.4		30.9	14.5	22.9
18.0	1051	10.0			0.59	4.4		30.9	14.5	22.9
18.0	1051	11.0			0.60	4.5		30.9	14.5	22.9
18.0	1051	12.0			0.60	4.5		31.0	14.6	23.0
18.0	1051	13.0			0.60	4.6		31.0	14.6	23.0
18.0	1051	14.0			0.61	4.8		31.0	14.6	23.0
18.0	1051	15.0			0.62	4.9		31.0	14.6	23.0
18.0	1051	16.0			0.63	5.0		31.1	14.7	23.0
18.0	1051	17.0			0.65	5.4		31.2	14.6	23.1
18.0	1051	18.0			0.65	5.3		31.3	14.6	23.2
18.0	1051	19.0			0.64	5.3		31.4	14.5	23.3
18.0	1051	20.0			0.65	5.3		31.5	14.3	23.4
18.0	1051	21.0			0.63	5.0		31.5	14.2	23.5
18.0	1051	22.0			0.63	5.0		31.6	14.1	23.5
18.0	1051	23.0			0.62	4.9		31.6	14.1	23.5
18.0	1051	24.0			0.62	4.9		31.6	14.0	23.5
18.0	1051	25.0			0.61	4.7		31.6	13.9	23.6
18.0	1051	26.0			0.60	4.5		31.6	13.9	23.6
18.0	1051	27.0			0.59	4.4		31.7	13.7	23.7
18.0	1051	28.0			0.56	3.9		31.7	13.6	23.7
18.0	1051	29.0			0.56	3.9		31.8	13.6	23.8
18.0	1051	30.0			0.55	3.7		31.8	13.5	23.8
18.0	1051	31.0			0.54	3.6		31.8	13.5	23.8
18.0	1051	32.0			0.54	3.6		31.9	13.4	23.9
18.0	1051	33.0	3.8	0.66	0.54	3.5		32.1	13.2	24.1
15.0	1205	1.0			0.43	1.7	1.6	25.5	17.1	18.2
15.0	1205	2.0			0.43	1.7		25.5	17.0	18.3
15.0	1205	3.0			0.43	1.7		25.6	16.9	18.4
15.0	1205	4.0			0.43	1.8		26.0	16.5	18.7
15.0	1205	5.0			0.43	1.7		26.2	16.1	19.0
15.0	1205	6.0			0.43	1.7		26.5	16.0	19.3
15.0	1205	7.0			0.43	1.8		27.0	15.9	19.6
15.0	1205	8.0			0.45	2.1		27.1	15.9	19.7
15.0	1205	9.0			0.48	2.6		27.9	15.9	20.4
15.0	1205	10.0			0.49	2.8		28.4	15.8	20.7
15.0	1205	11.0			0.50	2.8		28.5	15.8	20.8
15.0	1205	12.0			0.50	3.0		28.5	15.8	20.8
15.0	1205	13.0			0.52	3.3		29.2	15.4	21.4
15.0	1205	14.0			0.54	3.5		29.5	15.3	21.7
15.0	1205	15.0			0.56	3.8		29.7	15.2	21.8
15.0	1205	16.0			0.57	4.0		29.7	15.1	21.9
15.0	1205	17.0			0.58	4.1		29.8	15.1	21.9
15.0	1205	18.0			0.58	4.2		29.8	15.1	21.9
15.0	1205	19.0			0.59	4.3		29.8	15.1	21.9
13.0	1248	1.0	2.1	0.81	0.42	1.6	1.4	22.5	18.0	15.7
13.0	1248	2.0			0.42	1.6		22.5	18.0	15.7
13.0	1248	3.0			0.43	1.7		22.6	17.8	15.9
13.0	1248	4.0			0.43	1.7		23.3	17.0	16.5
13.0	1248	5.0			0.43	1.7		24.3	16.8	17.4
13.0	1248	6.0			0.43	1.7		25.1	16.6	18.0
13.0	1248	7.0			0.44	1.9		25.8	16.4	18.6
13.0	1248	8.0			0.44	2.0		27.0	16.1	19.6
13.0	1248	9.0			0.46	2.2		27.4	16.0	19.9
13.0	1248	10.0			0.47	2.4		27.4	16.0	19.9

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STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
11.0	1331	1.0			0.43	1.8	2.1	17.6	18.2	12.0
11.0	1331	2.0			0.43	1.8		18.4	17.8	12.7
11.0	1331	3.0			0.43	1.8		19.2	17.6	13.3
11.0	1331	4.0			0.43	1.8		20.7	17.5	14.5
11.0	1331	5.0			0.44	1.9		20.7	17.5	14.5
11.0	1331	6.0			0.44	2.0		21.1	17.5	14.8
11.0	1331	7.0			0.45	2.1		21.5	17.4	15.1
11.0	1331	8.0			0.45	2.1		21.7	17.4	15.3
11.0	1331	9.0			0.46	2.2		22.5	17.3	15.9
11.0	1331	10.0			0.44	1.9		23.1	17.1	16.4
11.0	1331	11.0			0.43	1.8		23.9	17.0	17.0
11.0	1331	12.0			0.42	1.7		24.3	16.9	17.3
11.0	1331	13.0			0.44	2.0		24.5	16.9	17.5
11.0	1331	14.0			0.43	1.8		24.6	16.9	17.6
10.0	1400	1.0	2.6	0.67	0.47	2.4	2.4	14.1	18.4	9.3
10.0	1400	2.0			0.47	2.4		15.8	18.1	10.6
10.0	1400	3.0			0.46	2.3		17.7	17.7	12.1
10.0	1400	4.0			0.46	2.2		17.9	17.7	12.3
10.0	1400	5.0			0.46	2.2		18.4	17.7	12.7
10.0	1400	6.0			0.46	2.2		18.7	17.7	12.9
10.0	1400	7.0			0.46	2.2		18.7	17.7	12.9
10.0	1400	8.0			0.46	2.2		19.3	17.6	13.4
10.0	1400	9.0			0.46	2.2		20.0	17.6	13.9
10.0	1400	10.0			0.46	2.3		20.3	17.6	14.1
10.0	1400	11.0			0.45	2.1		20.5	17.6	14.3
10.0	1400	12.0			0.44	1.9		20.6	17.6	14.4
10.0	1400	13.0			0.43	1.8		20.9	17.6	14.6
10.0	1400	14.0	2.0	0.39	0.43	1.7		21.0	17.6	14.7
9.0	1420	1.0			0.47	2.4	2.9	12.7	18.6	8.2
9.0	1420	2.0			0.47	2.4		13.0	18.4	8.4
9.0	1420	3.0			0.47	2.3		13.4	18.3	8.8
9.0	1420	4.0			0.46	2.3		13.7	18.3	9.0
9.0	1420	5.0			0.47	2.4		13.7	18.3	9.0
9.0	1420	6.0			0.47	2.4		13.9	18.3	9.1
9.0	1420	7.0			0.47	2.5		14.0	18.3	9.2
9.0	1420	8.0			0.48	2.5		14.0	18.3	9.2
9.0	1420	9.0			0.48	2.6		14.0	18.4	9.2
9.0	1420	10.0			0.48	2.6		14.1	18.4	9.3
9.0	1420	11.0			0.47	2.4		14.2	18.3	9.3
9.0	1420	12.0			0.45	2.1		14.3	18.3	9.4
9.0	1420	13.0			0.45	2.1		15.0	18.3	10.0
9.0	1420	14.0			0.44	1.9		16.0	18.1	10.8
9.0	1420	15.0			0.46	2.2		16.9	18.0	11.4
8.0	1439	1.0	2.3	0.64	0.48	2.6	2.5	11.7	19.1	7.3
8.0	1439	2.0			0.48	2.6		11.8	19.0	7.4
8.0	1439	3.0			0.48	2.6		12.2	18.7	7.8
8.0	1439	4.0			0.48	2.5		12.6	18.5	8.1
8.0	1439	5.0			0.48	2.5		12.9	18.3	8.3
8.0	1439	6.0			0.47	2.4		13.2	18.1	8.7
8.0	1439	7.0			0.47	2.4		14.1	17.9	9.4
8.0	1439	8.0			0.46	2.3		14.7	17.8	9.8
8.0	1439	9.0			0.46	2.2		15.6	17.8	10.5
8.0	1439	10.0			0.45	2.0		16.3	17.8	11.0
8.0	1439	11.0	1.6	0.40	0.43	1.8		16.6	17.7	11.3
7.0	1503	1.0			0.48	2.6	2.5	9.3	19.6	5.4
7.0	1503	2.0			0.48	2.6		9.4	19.4	5.5
7.0	1503	3.0			0.47	2.4		9.5	19.0	5.6
7.0	1503	4.0			0.46	2.2		9.7	18.7	5.8
7.0	1503	5.0			0.45	2.1		10.3	18.7	6.3

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STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
7.0	1503	6.0			0.45	2.1		11.2	18.5	7.0
7.0	1503	7.0			0.45	2.1		11.9	18.3	7.6
7.0	1503	8.0			0.45	2.1		12.2	18.2	7.8
7.0	1503	9.0			0.45	2.1		12.4	18.2	8.0
7.0	1503	10.0			0.45	2.1		12.6	18.2	8.1
6.0	1535	1.0	1.2	0.38	0.43	1.7	3.0	7.2	19.1	3.8
6.0	1535	2.0			0.43	1.7		7.5	19.0	4.1
6.0	1535	3.0			0.43	1.7		7.6	19.0	4.2
6.0	1535	4.0			0.43	1.8		7.6	19.0	4.2
6.0	1535	5.0			0.44	1.9		7.6	19.0	4.2
6.0	1535	6.0			0.44	1.9		7.7	18.9	4.2
5.0	1602	1.0			0.43	1.7	3.0	5.1	19.4	2.2
5.0	1602	2.0			0.43	1.7		5.1	19.0	2.3
5.0	1602	3.0			0.42	1.6		5.2	18.9	2.4
5.0	1602	4.0			0.42	1.6		5.2	18.9	2.4
5.0	1602	5.0			0.42	1.7		5.3	18.9	2.4
5.0	1602	6.0			0.43	1.7		5.3	18.9	2.5
5.0	1602	7.0			0.43	1.7		5.7	18.9	2.8
5.0	1602	8.0			0.43	1.8		5.9	18.8	2.9
4.0	1623	1.0	1.4	0.33	0.45	2.0	5.9	3.9	19.1	1.3
4.0	1623	2.0			0.45	2.0		3.9	19.0	1.4
4.0	1623	3.0			0.44	2.0		4.1	18.9	1.6
4.0	1623	4.0			0.45	2.1		4.2	18.8	1.7
4.0	1623	5.0			0.45	2.1		4.3	18.8	1.7
4.0	1623	6.0			0.46	2.2		4.4	18.8	1.8
4.0	1623	7.0			0.46	2.2		4.4	18.8	1.8
4.0	1623	8.0			0.46	2.2		4.5	18.8	1.9
4.0	1623	9.0			0.46	2.3		4.5	18.8	1.9
4.0	1623	10.0			0.45	2.1		4.6	18.8	1.9
3.0	1645	1.0			0.47	2.4	3.6	2.6	19.0	0.4
3.0	1645	2.0			0.47	2.4		2.7	19.0	0.4
3.0	1645	3.0			0.47	2.4		2.8	19.2	0.5
3.0	1645	4.0			0.48	2.5		2.9	19.2	0.5
3.0	1645	5.0			0.48	2.6		2.8	19.2	0.5
3.0	1645	6.0			0.48	2.6		2.9	19.2	0.6
3.0	1645	7.0			0.49	2.7		2.9	19.2	0.5
3.0	1645	8.0			0.49	2.7		2.9	19.3	0.5
2.0	1701	1.0			0.50	2.9	4.4	2.2	19.4	0.0
2.0	1701	2.0			0.50	2.9		2.2	19.4	0.0
2.0	1701	3.0			0.51	3.0		2.2	19.4	0.0
2.0	1701	4.0			0.51	3.0		2.2	19.4	0.0
2.0	1701	5.0			0.51	3.1		2.2	19.4	0.0
2.0	1701	6.0			0.52	3.2		2.2	19.4	0.0
2.0	1701	7.0			0.52	3.2		2.2	19.4	0.0
2.0	1701	8.0			0.52	3.2		2.2	19.4	0.0
2.0	1701	9.0			0.52	3.2		2.2	19.4	0.0
649.0	1724	1.0			0.54	3.5	3.7	1.0	18.9	0.0
649.0	1724	2.0			0.54	3.5		1.0	18.9	0.0
649.0	1724	3.0			0.54	3.5		1.0	18.7	0.0
649.0	1724	4.0			0.53	3.4		1.0	18.6	0.0
649.0	1724	5.0			0.53	3.3		1.0	18.7	0.0
649.0	1724	6.0			0.53	3.3		1.0	18.8	0.0
649.0	1724	7.0			0.53	3.4		1.0	19.3	0.0
649.0	1724	8.0			0.53	3.4		1.0	19.4	0.0
653.0	1751	1.0			0.48	2.6	2.5	0.2	19.8	0.0
653.0	1751	2.0			0.48	2.6		0.2	19.8	0.0
653.0	1751	3.0			0.49	2.7		0.2	19.8	0.0

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STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
653.0	1751	4.0			0.49	2.7		0.2	19.8	0.0
653.0	1751	5.0			0.49	2.8		0.2	19.8	0.0
653.0	1751	6.0			0.49	2.8		0.2	19.8	0.0
653.0	1751	7.0			0.50	2.8		0.2	19.8	0.0
657.0	1816	1.0	1.8	0.46	0.41	1.5	1.8	0.1	20.3	0.0
657.0	1816	2.0			0.41	1.5		0.1	20.3	0.0
657.0	1816	3.0			0.41	1.4		0.1	20.3	0.0
657.0	1816	4.0			0.41	1.4		0.1	20.3	0.0
657.0	1816	5.0			0.41	1.4		0.1	20.3	0.0
657.0	1816	6.0			0.41	1.4		0.1	20.3	0.0
657.0	1816	7.0			0.41	1.5		0.1	20.3	0.0

Fluorometer Calibration: n r² A B Syx
 9 0.70 -5.3 16.42 0.5

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STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
33.0	655	1.0	6.5	0.79	0.79	5.6	2.3	28.8	19.0	20.3
33.0	655	2.0			0.79	5.6		28.8	19.0	20.3
33.0	655	3.0			0.79	5.6		28.8	19.0	20.3
33.0	655	4.0			0.79	5.6		28.8	19.0	20.3
33.0	655	5.0			0.80	5.6		28.8	19.0	20.3
33.0	655	6.0			0.82	5.7		28.8	19.0	20.3
33.0	655	7.0			0.83	5.8		28.9	19.0	20.3
33.0	655	8.0			0.85	5.9		28.9	19.0	20.3
33.0	655	9.0			0.85	5.9		28.8	19.0	20.3
33.0	655	10.0	5.7	0.70	0.84	5.8		28.9	19.0	20.3
32.0	712	1.0	5.4	0.74	0.74	5.3	2.3	28.8	18.8	20.4
32.0	712	2.0			0.74	5.3		28.8	18.8	20.4
32.0	712	3.0			0.73	5.3		28.8	18.8	20.4
32.0	712	4.0			0.74	5.3		28.8	18.8	20.4
32.0	712	5.0			0.76	5.4		28.8	18.8	20.4
32.0	712	6.0			0.77	5.4		28.8	18.8	20.4
32.0	712	7.0			0.77	5.5		28.8	18.8	20.4
32.0	712	8.0			0.78	5.5		28.8	18.8	20.4
32.0	712	9.0			0.79	5.6		28.8	18.8	20.4
32.0	712	10.0			0.79	5.5		28.8	18.8	20.4
32.0	712	11.0	4.9	0.70	0.79	5.6		28.8	18.8	20.4
31.0	730	1.0	5.2	0.71	0.73	5.2	2.4	28.8	18.7	20.4
31.0	730	2.0			0.73	5.2		28.8	18.7	20.4
31.0	730	3.0			0.73	5.2		28.8	18.7	20.4
31.0	730	4.0			0.73	5.2		28.8	18.7	20.4
31.0	730	5.0			0.73	5.3		28.8	18.6	20.4
31.0	730	6.0			0.74	5.3		28.8	18.6	20.4
31.0	730	7.0			0.73	5.3		28.9	18.6	20.4
31.0	730	8.0			0.72	5.2		28.9	18.5	20.5
31.0	730	9.0			0.71	5.2		28.9	18.4	20.5
31.0	730	10.0			0.70	5.1		28.9	18.4	20.5
31.0	730	11.0	4.3	0.61	0.67	4.9		28.9	18.4	20.5
30.0	750	1.0	4.8	0.73	0.69	5.0	2.2	29.0	18.0	20.7
30.0	750	2.0			0.69	5.0		29.0	18.0	20.7
30.0	750	3.0			0.68	5.0		29.0	18.0	20.7
30.0	750	4.0			0.68	5.0		29.0	18.0	20.7
30.0	750	5.0			0.67	4.9		29.0	18.0	20.7
30.0	750	6.0			0.67	4.9		29.0	18.0	20.7
30.0	750	7.0			0.66	4.9		29.0	17.9	20.7
30.0	750	8.0			0.66	4.9		29.0	17.9	20.7
30.0	750	9.0			0.65	4.8		29.0	17.9	20.7
30.0	750	10.0			0.64	4.8		29.0	17.9	20.7
30.0	750	11.0	3.9	0.67	0.63	4.7		29.0	17.9	20.7
29.0	826	1.0	4.4	0.59	0.66	4.9	2.3	29.2	17.8	20.9
29.0	826	2.0			0.66	4.9		29.2	17.8	20.9
29.0	826	3.0			0.65	4.8		29.2	17.8	20.9
29.0	826	4.0			0.64	4.8		29.2	17.9	20.9
29.0	826	5.0			0.64	4.8		29.3	18.0	20.9
29.0	826	6.0			0.63	4.7		29.3	18.0	20.9
29.0	826	7.0			0.64	4.8		29.4	18.0	20.9
29.0	826	8.0			0.64	4.8		29.4	18.1	21.0
29.0	826	9.0			0.64	4.8		29.4	18.1	21.0
29.0	826	10.0			0.63	4.7		29.4	18.1	21.0
29.0	826	11.0	5.2	0.75	0.62	4.7		29.4	18.1	21.0
29.5	809	1.0	4.9	0.83	0.63	4.7	2.0	29.1	17.8	20.8
29.5	809	2.0			0.63	4.7		29.1	17.8	20.8
29.5	809	3.0			0.62	4.7		29.1	17.8	20.8
29.5	809	4.0			0.62	4.7		29.1	17.8	20.8
29.5	809	5.0			0.61	4.6		29.1	17.8	20.8

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29.5	809	6.0			0.62	4.7		29.1	17.8	20.8
29.5	809	7.0			0.62	4.7		29.1	17.8	20.8
29.5	809	8.0			0.63	4.7		29.1	17.9	20.8
29.5	809	9.0			0.63	4.7		29.1	17.9	20.8
29.5	809	10.0			0.63	4.7		29.2	17.9	20.8
29.5	809	11.0			0.62	4.7		29.2	17.9	20.8
29.5	809	12.0	4.3	0.61	0.62	4.7		29.2	17.9	20.8
28.0	841	1.0			0.68	5.0	1.8	29.4	17.9	21.0
28.0	841	2.0			0.68	5.0		29.4	17.9	21.0
28.0	841	3.0			0.66	4.9		29.4	17.9	21.0
28.0	841	4.0			0.65	4.8		29.4	17.9	21.0
28.0	841	5.0			0.65	4.8		29.4	17.9	21.0
28.0	841	6.0			0.64	4.8		29.4	17.9	21.0
28.0	841	7.0			0.64	4.8		29.4	17.9	21.0
28.0	841	8.0			0.64	4.8		29.4	17.9	21.0
28.0	841	9.0			0.65	4.9		29.5	17.9	21.1
28.0	841	10.0			0.65	4.8		29.5	17.9	21.1
28.0	841	11.0			0.65	4.9		29.5	17.9	21.1
28.0	841	12.0			0.65	4.8		29.6	18.0	21.1
27.0	855	1.0	5.2	0.74	0.69	5.0	2.2	29.4	17.9	21.0
27.0	855	2.0			0.69	5.0		29.4	17.9	21.0
27.0	855	3.0			0.68	5.0		29.5	17.9	21.1
27.0	855	4.0			0.67	4.9		29.5	17.9	21.1
27.0	855	5.0			0.66	4.9		29.5	17.9	21.1
27.0	855	6.0			0.65	4.9		29.5	17.9	21.1
27.0	855	7.0			0.65	4.8		29.5	17.8	21.1
27.0	855	8.0			0.65	4.9		29.5	17.8	21.1
27.0	855	9.0			0.65	4.8		29.6	17.8	21.2
27.0	855	10.0			0.64	4.8		29.6	17.7	21.2
27.0	855	11.0	4.8	0.69	0.63	4.7		29.6	17.7	21.2
26.0	907	1.0			0.66	4.9	1.8	29.6	17.7	21.2
26.0	907	2.0			0.66	4.9		29.6	17.7	21.2
26.0	907	3.0			0.65	4.8		29.6	17.7	21.2
26.0	907	4.0			0.63	4.7		29.6	17.6	21.2
26.0	907	5.0			0.62	4.7		29.6	17.6	21.3
26.0	907	6.0			0.61	4.6		29.6	17.6	21.3
26.0	907	7.0			0.62	4.7		29.7	17.5	21.4
26.0	907	8.0			0.63	4.7		29.8	17.3	21.5
25.0	924	1.0			0.66	4.9	1.3	29.8	17.3	21.5
25.0	924	2.0			0.66	4.9		30.0	17.1	21.7
25.0	924	3.0			0.67	4.9		30.1	17.0	21.8
25.0	924	4.0			0.67	4.9		30.2	16.9	21.8
25.0	924	5.0			0.68	5.0		30.3	16.9	21.9
25.0	924	6.0			0.68	5.0		30.3	16.9	21.9
25.0	924	7.0			0.70	5.1		30.3	16.9	22.0
24.0	937	1.0	5.1	0.67	0.73	5.2	1.4	30.3	16.9	21.9
24.0	937	2.0			0.73	5.2		30.5	16.5	22.2
24.0	937	3.0			0.71	5.1		30.5	16.4	22.2
24.0	937	4.0			0.70	5.1		30.5	16.4	22.2
24.0	937	5.0			0.70	5.1		30.5	16.3	22.2
24.0	937	6.0			0.69	5.0		30.5	16.3	22.2
24.0	937	7.0			0.68	5.0		30.5	16.2	22.3
24.0	937	8.0	5.2	0.61	0.68	5.0		30.6	16.2	22.3
23.0	951	1.0			0.70	5.1	1.3	30.6	16.1	22.3
23.0	951	2.0			0.70	5.1		30.6	16.1	22.3
23.0	951	3.0			0.69	5.1		30.6	16.0	22.4
23.0	951	4.0			0.68	5.0		30.6	16.0	22.4
23.0	951	5.0			0.68	5.0		30.6	16.0	22.4

LOCATION: South San Francisco Bay
 DATE: June 5, 1991
 JULIAN DAY: 91155

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
23.0	951	6.0			0.67	4.9		30.7	16.0	22.4
23.0	951	7.0			0.67	4.9		30.7	15.9	22.5
23.0	951	8.0			0.68	5.0		30.8	15.9	22.5
23.0	951	9.0			0.68	5.0		30.8	15.9	22.6
23.0	951	10.0			0.66	4.9		30.9	15.8	22.6
23.0	951	11.0			0.67	4.9		30.9	15.7	22.7
22.0	1007	1.0			0.65	4.8	0.7	30.7	15.9	22.5
22.0	1007	2.0			0.65	4.8		30.7	15.8	22.5
22.0	1007	3.0			0.65	4.9		30.8	15.7	22.6
22.0	1007	4.0			0.65	4.8		30.9	15.6	22.7
22.0	1007	5.0			0.65	4.8		30.9	15.5	22.7
22.0	1007	6.0			0.63	4.7		31.1	15.2	22.9
22.0	1007	7.0			0.61	4.6		31.2	15.1	23.0
22.0	1007	8.0			0.60	4.6		31.1	15.1	23.0
22.0	1007	9.0			0.59	4.5		31.2	15.0	23.0
22.0	1007	10.0			0.58	4.4		31.1	15.0	23.0
22.0	1007	11.0			0.58	4.4		31.2	14.9	23.0
22.0	1007	12.0			0.58	4.5		31.2	14.9	23.0
22.0	1007	13.0			0.58	4.5		31.2	14.9	23.0
22.0	1007	14.0			0.59	4.5		31.2	14.9	23.0
22.0	1007	15.0			0.59	4.5		31.2	14.9	23.0
21.0	1018	1.0	5.1	0.78	0.65	4.8	0.9	30.7	16.0	22.4
21.0	1018	2.0			0.65	4.8		30.7	16.0	22.4
21.0	1018	3.0			0.65	4.9		30.7	16.0	22.4
21.0	1018	4.0			0.65	4.8		30.8	15.7	22.6
21.0	1018	5.0			0.64	4.8		31.2	15.3	23.0
21.0	1018	6.0			0.64	4.8		31.2	15.1	23.0
21.0	1018	7.0			0.63	4.8		31.3	15.0	23.1
21.0	1018	8.0			0.64	4.8		31.2	14.9	23.1
21.0	1018	9.0			0.64	4.8		31.2	14.9	23.1
21.0	1018	10.0			0.65	4.8		31.2	14.8	23.1
21.0	1018	11.0			0.63	4.7		31.3	14.7	23.2
21.0	1018	12.0			0.64	4.8		31.3	14.7	23.2
21.0	1018	13.0			0.65	4.8		31.3	14.7	23.2
21.0	1018	14.0	5.9	0.50	0.64	4.8		31.3	14.7	23.2

Fluorometer Calibration: n r² A B Syx
 18 0.32 1.4 5.23 0.5

LOCATION: South and North San Francisco Bay
 DATE: July 10, 1991
 JULIAN DAY: 91191

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
4.0	1410	1.0	1.6	0.40	0.40	1.9	3.8	5.3	20.1	2.2
4.0	1410	2.0			0.40	1.9		5.3	20.1	2.2
4.0	1410	3.0			0.41	1.9		5.3	20.1	2.2
4.0	1410	4.0			0.41	1.9		5.4	20.1	2.3
4.0	1410	5.0			0.42	2.0		5.5	20.2	2.3
4.0	1410	6.0			0.43	2.0		5.6	20.2	2.4
4.0	1410	7.0			0.43	2.0		5.7	20.1	2.5
4.0	1410	8.0			0.43	2.0		5.7	20.2	2.5
4.0	1410	9.0			0.44	2.1		5.8	20.2	2.6
4.0	1410	10.0			0.43	2.0		5.9	20.1	2.7
6.0	1448	1.0	3.3	0.65	0.49	2.3	4.5	11.5	20.3	6.9
6.0	1448	2.0			0.49	2.3		11.5	20.3	6.9
6.0	1448	3.0			0.49	2.3		11.6	20.2	6.9
6.0	1448	4.0			0.49	2.4		11.7	20.0	7.1
6.0	1448	5.0			0.49	2.4		12.4	19.7	7.6
6.0	1448	6.0			0.50	2.4		12.9	19.5	8.1
6.0	1448	7.0			0.51	2.5		13.1	19.5	8.3
6.0	1448	8.0			0.52	2.5		13.3	19.4	8.5
6.0	1448	9.0			0.52	2.5		13.4	19.4	8.5
8.0	1325	1.0	1.9	0.43	0.43	2.0	4.4	17.4	19.3	11.5
8.0	1325	2.0			0.43	2.0		19.1	18.9	13.0
8.0	1325	3.0			0.43	2.0		19.7	18.9	13.4
8.0	1325	4.0			0.43	2.0		20.0	18.9	13.6
8.0	1325	5.0			0.44	2.1		20.2	19.0	13.7
8.0	1325	6.0			0.44	2.1		20.2	19.0	13.8
8.0	1325	7.0			0.45	2.1		20.2	19.0	13.8
8.0	1325	8.0			0.45	2.1		20.3	19.0	13.8
8.0	1325	9.0			0.45	2.1		20.3	19.0	13.8
8.0	1325	10.0			0.44	2.1		20.4	19.0	13.9
8.0	1325	11.0			0.43	2.0		20.5	19.0	13.9
8.0	1325	12.0			0.42	2.0		20.6	19.0	14.0
8.0	1325	13.0			0.42	1.9		20.6	19.0	14.0
12.0	1635	1.0	2.6	0.52	0.58	2.9	2.1	27.6	18.4	19.5
12.0	1635	2.0			0.58	2.9		27.6	18.4	19.5
12.0	1635	3.0			0.58	2.8		27.6	18.4	19.5
12.0	1635	4.0			0.58	2.8		27.6	18.4	19.5
12.0	1635	5.0			0.57	2.8		27.7	18.4	19.6
12.0	1635	6.0			0.58	2.8		27.7	18.4	19.6
12.0	1635	7.0			0.58	2.8		27.7	18.3	19.6
12.0	1635	8.0			0.58	2.9		27.8	18.3	19.7
12.0	1635	9.0			0.58	2.9		27.9	18.2	19.8
28.0	2035	1.0	2.1	0.53	0.50	2.4		30.7	20.7	21.3
28.0	2035	2.0			0.50	2.4		30.7	20.7	21.3
28.0	2035	3.0			0.50	2.4		30.7	20.7	21.3
28.0	2035	4.0			0.51	2.4		30.7	20.7	21.3
28.0	2035	5.0			0.52	2.5		30.7	20.8	21.3
28.0	2035	6.0			0.52	2.5		30.7	20.8	21.3
28.0	2035	7.0			0.52	2.5		30.7	20.7	21.3
28.0	2035	8.0			0.53	2.6		30.7	20.7	21.3
28.0	2035	9.0			0.53	2.6		30.7	20.8	21.3
28.0	2035	10.0			0.53	2.6		30.7	20.8	21.3
28.0	2035	11.0			0.52	2.5		30.7	20.8	21.3
28.0	2035	12.0			0.52	2.5		30.7	20.8	21.3
28.0	2035	13.0			0.52	2.5		30.7	20.8	21.3
28.0	2035	14.0			0.55	2.7		30.7	20.8	21.3
28.0	2035	15.0			0.55	2.7		30.7	20.8	21.3

Fluorometer Calibration: n r^2 A B Syx
 5 0.33 -0.4 5.56 0.6

LOCATION: North San Francisco Bay
 DATE: August 1, 1991
 JULIAN DAY: 91213

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
657.0	1603	1.0	2.3	0.79	0.46	2.2	2.2	0.1	22.5	0.0
657.0	1603	2.0			0.46	2.2		0.1	22.5	0.0
657.0	1603	3.0			0.46	2.2		0.1	22.5	0.0
657.0	1603	4.0			0.46	2.2		0.1	22.5	0.0
657.0	1603	5.0			0.46	2.2		0.1	22.5	0.0
657.0	1603	6.0			0.46	2.2		0.1	22.4	0.0
653.0	1538	1.0			0.48	2.4	2.9	0.2	21.7	0.0
653.0	1538	2.0			0.48	2.4		0.2	21.7	0.0
653.0	1538	3.0			0.48	2.4		0.2	21.7	0.0
653.0	1538	4.0			0.48	2.5		0.2	21.7	0.0
653.0	1538	5.0			0.48	2.5		0.2	21.6	0.0
653.0	1538	6.0			0.49	2.6		0.2	21.5	0.0
653.0	1538	7.0			0.50	2.6		0.2	21.5	0.0
653.0	1538	8.0			0.50	2.7		0.2	21.5	0.0
649.0	1509	1.0			0.50	2.7	3.0	1.2	20.7	0.0
649.0	1509	2.0			0.50	2.7		1.2	20.7	0.0
649.0	1509	3.0			0.50	2.7		1.2	20.4	0.0
649.0	1509	4.0			0.48	2.5		1.5	20.2	0.0
649.0	1509	5.0			0.48	2.4		1.8	20.2	0.0
649.0	1509	6.0			0.47	2.3		2.0	20.3	0.0
649.0	1509	7.0			0.46	2.3		2.1	20.3	0.0
649.0	1509	8.0			0.46	2.2		2.3	20.3	0.0
649.0	1509	9.0			0.46	2.2		2.3	20.3	0.0
2.0	1443	1.0	2.1	0.60	0.46	2.2	3.0	2.2	21.6	0.0
2.0	1443	2.0			0.46	2.2		2.2	21.6	0.0
2.0	1443	3.0			0.46	2.2		2.2	21.5	0.0
2.0	1443	4.0			0.46	2.2		2.2	21.5	0.0
2.0	1443	5.0			0.46	2.3		2.2	21.5	0.0
2.0	1443	6.0			0.47	2.3		2.4	21.4	0.0
2.0	1443	7.0			0.47	2.3		2.4	21.4	0.0
3.0	1424	1.0			0.41	1.7	2.8	3.2	21.0	0.4
3.0	1424	2.0			0.41	1.7		3.2	21.0	0.4
3.0	1424	3.0			0.41	1.7		3.2	21.0	0.4
3.0	1424	4.0			0.42	1.7		3.2	21.0	0.4
3.0	1424	5.0			0.41	1.7		3.2	20.9	0.5
3.0	1424	6.0			0.42	1.7		3.3	20.8	0.6
3.0	1424	7.0			0.42	1.7		3.4	20.8	0.6
3.0	1424	8.0			0.42	1.8		3.5	20.7	0.7
3.0	1424	9.0			0.42	1.7		3.6	20.7	0.8
4.0	1350	1.0	2.2	0.71	0.42	1.8	3.4	4.5	20.9	1.4
4.0	1350	2.0			0.42	1.8		4.5	20.8	1.5
4.0	1350	3.0			0.42	1.7		4.5	20.6	1.5
4.0	1350	4.0			0.42	1.8		4.6	20.6	1.6
4.0	1350	5.0			0.43	1.9		4.6	20.6	1.6
4.0	1350	6.0			0.43	1.9		4.8	20.6	1.7
4.0	1350	7.0			0.43	1.9		4.8	20.6	1.8
4.0	1350	8.0			0.43	1.9		4.9	20.6	1.8
4.0	1350	9.0			0.44	2.0		4.9	20.6	1.8
4.0	1350	10.0			0.43	1.9		4.9	20.6	1.8
5.0	1330	1.0			0.41	1.6	3.7	6.0	20.6	2.6
5.0	1330	2.0			0.41	1.6		6.0	20.6	2.6
5.0	1330	3.0			0.41	1.7		6.0	20.5	2.6
5.0	1330	4.0			0.42	1.7		6.0	20.5	2.7
5.0	1330	5.0			0.42	1.8		6.1	20.5	2.7
5.0	1330	6.0			0.43	1.8		6.2	20.5	2.8
5.0	1330	7.0			0.43	1.9		6.2	20.4	2.8
5.0	1330	8.0			0.43	1.9		6.3	20.4	2.9
5.0	1330	9.0			0.44	1.9		6.3	20.4	2.9

LOCATION: North San Francisco Bay
 DATE: August 1, 1991
 JULIAN DAY: 91213

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
6.0	1305	1.0	1.5	0.65	0.43	1.9	4.0	8.6	20.3	4.6
6.0	1305	2.0			0.43	1.9		8.6	20.2	4.7
6.0	1305	3.0			0.44	1.9		8.7	20.2	4.8
6.0	1305	4.0			0.44	2.0		8.8	20.2	4.8
6.0	1305	5.0			0.45	2.1		8.9	20.2	4.9
6.0	1305	6.0			0.46	2.2		9.1	20.2	5.1
7.0	1230	1.0			0.45	2.1	4.0	11.5	20.2	6.9
7.0	1230	2.0			0.45	2.1		11.7	20.0	7.1
7.0	1230	3.0			0.45	2.1		11.9	20.0	7.2
7.0	1230	4.0			0.46	2.2		12.0	20.0	7.3
7.0	1230	5.0			0.46	2.3		12.0	20.0	7.3
7.0	1230	6.0			0.47	2.3		12.0	20.0	7.3
7.0	1230	7.0			0.48	2.4		12.0	20.0	7.3
7.0	1230	8.0			0.47	2.4		12.1	20.0	7.4
7.0	1230	9.0			0.47	2.4		12.1	19.9	7.4
7.0	1230	10.0			0.48	2.5		12.2	19.9	7.4
8.0	1203	1.0			0.42	1.7	3.4	14.4	19.7	9.2
8.0	1203	2.0			0.42	1.7		14.4	19.6	9.2
8.0	1203	3.0			0.42	1.7		14.5	19.6	9.3
8.0	1203	4.0			0.42	1.8		14.7	19.6	9.5
8.0	1203	5.0			0.43	1.8		15.6	19.5	10.1
8.0	1203	6.0			0.43	1.9		15.7	19.5	10.2
8.0	1203	7.0			0.43	1.9		15.9	19.5	10.4
8.0	1203	8.0			0.44	2.0		16.4	19.5	10.7
8.0	1203	9.0			0.44	2.0		16.6	19.5	10.9
8.0	1203	10.0			0.44	1.9		16.8	19.6	11.0
8.0	1203	11.0			0.43	1.8		16.9	19.6	11.1
9.0	1144	1.0			0.39	1.3	2.4	16.7	19.7	10.9
9.0	1144	2.0			0.39	1.3		16.7	19.7	10.9
9.0	1144	3.0			0.39	1.4		16.7	19.7	10.9
9.0	1144	4.0			0.38	1.3		16.8	19.6	11.0
9.0	1144	5.0			0.39	1.4		17.0	19.6	11.2
9.0	1144	6.0			0.39	1.3		17.4	19.6	11.5
9.0	1144	7.0			0.39	1.4		17.5	19.6	11.6
9.0	1144	8.0			0.39	1.4		17.5	19.6	11.6
9.0	1144	9.0			0.39	1.4		17.5	19.6	11.6
9.0	1144	10.0			0.37	1.2		17.5	19.6	11.6
9.0	1144	11.0			0.36	1.0		17.6	19.6	11.6
9.0	1144	12.0			0.36	1.0		17.6	19.6	11.6
9.0	1144	13.0			0.34	0.8		17.6	19.6	11.6
9.0	1144	14.0			0.35	0.9		17.6	19.6	11.6
9.0	1144	15.0			0.34	0.8		17.6	19.6	11.6
9.0	1144	16.0			0.34	0.7		17.6	19.6	11.6
9.0	1144	17.0			0.33	0.7		17.6	19.6	11.6
10.0	1128	1.0	1.1	0.55	0.37	1.1	2.9	18.9	19.7	12.6
10.0	1128	2.0			0.37	1.1		19.1	19.7	12.7
10.0	1128	3.0			0.37	1.1		19.4	19.7	13.0
10.0	1128	4.0			0.37	1.2		19.5	19.7	13.0
10.0	1128	5.0			0.37	1.2		19.7	19.7	13.2
10.0	1128	6.0			0.38	1.2		20.6	19.8	13.9
10.0	1128	7.0			0.37	1.2		21.3	19.9	14.4
10.0	1128	8.0			0.38	1.2		21.5	19.9	14.5
10.0	1128	9.0			0.37	1.2		21.6	19.9	14.6
10.0	1128	10.0			0.36	1.0		21.8	19.9	14.8
10.0	1128	11.0			0.34	0.8		21.9	19.9	14.8
10.0	1128	12.0			0.33	0.7		22.0	19.9	14.9
10.0	1128	13.0			0.33	0.6		22.0	19.9	14.9
10.0	1128	14.0			0.32	0.5		22.1	19.9	15.0
10.0	1128	15.0			0.32	0.5		22.1	19.9	15.0

LOCATION: North San Francisco Bay
 DATE: August 1, 1991
 JULIAN DAY: 91213

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
11.0	1102	1.0			0.35	1.0	1.6	21.1	19.8	14.3
11.0	1102	2.0			0.35	1.0		21.6	19.8	14.6
11.0	1102	3.0			0.35	0.9		22.0	19.8	14.9
11.0	1102	4.0			0.35	0.9		22.1	19.8	15.0
11.0	1102	5.0			0.35	0.9		22.2	19.8	15.1
11.0	1102	6.0			0.35	0.9		22.3	19.8	15.1
11.0	1102	7.0			0.35	0.9		22.6	19.8	15.4
11.0	1102	8.0			0.35	0.9		22.8	19.8	15.5
11.0	1102	9.0			0.35	0.9		22.9	19.8	15.6
11.0	1102	10.0			0.35	0.8		23.0	19.8	15.7
11.0	1102	11.0			0.33	0.7		23.4	19.8	16.0
11.0	1102	12.0			0.33	0.6		23.4	19.8	16.0
11.0	1102	13.0			0.32	0.5		23.5	19.8	16.0
13.0	1022	1.0			0.35	0.9	1.8	26.5	19.3	18.5
13.0	1022	2.0			0.35	0.9		26.7	19.3	18.6
13.0	1022	3.0			0.36	1.0		27.0	19.3	18.9
13.0	1022	4.0			0.36	1.0		27.3	19.2	19.1
13.0	1022	5.0			0.36	1.1		27.5	19.2	19.2
13.0	1022	6.0			0.37	1.2		27.8	19.2	19.5
13.0	1022	7.0			0.39	1.4		27.9	19.1	19.6
15.0	943	1.0			0.38	1.3	1.3	27.0	19.1	18.9
15.0	943	2.0			0.38	1.3		27.0	19.1	18.9
15.0	943	3.0			0.38	1.3		27.2	19.0	19.1
15.0	943	4.0			0.38	1.3		27.4	19.0	19.3
15.0	943	5.0			0.38	1.2		27.4	19.0	19.2
15.0	943	6.0			0.38	1.3		27.5	19.0	19.3
15.0	943	7.0			0.37	1.1		27.6	18.8	19.4
15.0	943	8.0			0.37	1.1		27.7	18.7	19.5
15.0	943	9.0			0.37	1.1		27.8	18.7	19.6
15.0	943	10.0			0.35	0.9		27.8	18.7	19.6
15.0	943	11.0			0.34	0.8		28.1	18.7	19.8
15.0	943	12.0			0.33	0.7		28.4	18.7	20.0
15.0	943	13.0			0.32	0.6		28.3	18.7	20.0
15.0	943	14.0			0.32	0.5		28.7	18.7	20.3
15.0	943	15.0			0.31	0.5		28.5	18.7	20.1
15.0	943	16.0			0.31	0.4		28.9	18.7	20.5
15.0	943	17.0			0.31	0.4		29.3	18.7	20.7
15.0	943	18.0			0.31	0.4		29.4	18.7	20.8
18.0	827	1.0	1.5	0.47	0.41	1.6	1.4	31.9	16.8	23.2
18.0	827	2.0			0.41	1.6		31.9	16.8	23.2
18.0	827	3.0			0.41	1.6		31.9	16.8	23.2
18.0	827	4.0			0.40	1.6		31.9	16.8	23.2
18.0	827	5.0			0.40	1.5		31.9	16.8	23.2
18.0	827	6.0			0.40	1.5		31.9	16.8	23.2
18.0	827	7.0			0.40	1.5		31.9	16.8	23.2
18.0	827	8.0			0.41	1.6		31.9	16.8	23.2
18.0	827	9.0			0.40	1.5		31.9	16.8	23.2
18.0	827	10.0			0.40	1.6		31.9	16.8	23.2
18.0	827	11.0			0.40	1.4		31.9	16.8	23.2
18.0	827	12.0			0.40	1.5		31.9	16.8	23.2
18.0	827	13.0			0.40	1.5		31.9	16.8	23.2
18.0	827	14.0			0.40	1.5		31.9	16.8	23.2
18.0	827	15.0			0.40	1.5		31.9	16.8	23.2
18.0	827	16.0			0.40	1.5		31.9	16.8	23.2
18.0	827	17.0			0.40	1.5		31.9	16.8	23.2
18.0	827	18.0			0.40	1.5		31.9	16.8	23.2
18.0	827	19.0			0.40	1.5		31.9	16.8	23.2
18.0	827	20.0			0.40	1.5		31.9	16.8	23.2
18.0	827	21.0			0.40	1.5		31.9	16.8	23.2
18.0	827	22.0			0.40	1.5		31.9	16.8	23.2

LOCATION: North San Francisco Bay
 DATE: August 1, 1991
 JULIAN DAY: 91213

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
18.0	827	23.0			0.40	1.5		31.9	16.8	23.2
18.0	827	24.0			0.40	1.5		31.9	16.8	23.2
18.0	827	25.0			0.40	1.5		31.9	16.8	23.2
18.0	827	26.0			0.40	1.5		31.9	16.8	23.2
18.0	827	27.0			0.40	1.5		31.9	16.8	23.2
18.0	827	28.0			0.40	1.5		31.9	16.8	23.2
18.0	827	29.0			0.40	1.5		31.9	16.8	23.2
18.0	827	30.0			0.40	1.5		31.9	16.8	23.2
18.0	827	31.0			0.40	1.5		31.9	16.8	23.2
18.0	827	32.0			0.40	1.5		31.9	16.8	23.2
18.0	827	33.0			0.40	1.5		31.9	16.8	23.2
18.0	827	34.0			0.40	1.5		31.9	16.8	23.2
18.0	827	35.0			0.40	1.5		31.9	16.8	23.2
18.0	827	36.0			0.40	1.5		32.0	16.7	23.3
18.0	827	37.0			0.40	1.5		32.1	16.6	23.3
18.0	827	38.0			0.40	1.5		32.1	16.6	23.4
18.0	827	39.0			0.40	1.5		32.2	16.5	23.5
18.0	827	40.0			0.40	1.5		32.3	16.4	23.6

Fluorometer Calibration: n r² A B Syx
 6 0.67 -3.3 12.02 0.3

LOCATION: South San Francisco Bay
 DATE: August 2, 1991
 JULIAN DAY: 91214

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
33.0	1737	1.0	3.3	0.69	0.83	3.6	1.7	31.6	21.8	21.7
33.0	1737	2.0			0.83	3.6		31.6	21.8	21.7
33.0	1737	3.0			0.83	3.6		31.6	21.8	21.7
33.0	1737	4.0			0.83	3.6		31.6	21.8	21.7
33.0	1737	5.0			0.83	3.6		31.6	21.8	21.7
33.0	1737	6.0			0.82	3.6		31.6	21.8	21.7
33.0	1737	7.0			0.82	3.5		31.6	21.8	21.7
33.0	1737	8.0			0.82	3.5		31.6	21.8	21.7
33.0	1737	9.0			0.82	3.5		31.6	21.8	21.7
33.0	1737	10.0			0.82	3.5		31.7	21.8	21.7
33.0	1737	11.0			0.81	3.5		31.7	21.8	21.8
32.0	1726	1.0	4.0	0.71	0.85	3.7	1.7	31.5	21.9	21.6
32.0	1726	2.0			0.85	3.7		31.5	21.9	21.6
32.0	1726	3.0			0.85	3.7		31.5	21.9	21.6
32.0	1726	4.0			0.84	3.6		31.5	21.8	21.6
32.0	1726	5.0			0.82	3.6		31.5	21.8	21.6
32.0	1726	6.0			0.82	3.5		31.5	21.8	21.6
32.0	1726	7.0			0.82	3.5		31.6	21.8	21.6
32.0	1726	8.0			0.81	3.5		31.6	21.8	21.6
31.0	1713	1.0			0.65	2.6	1.7	31.5	21.7	21.6
31.0	1713	2.0			0.65	2.6		31.5	21.8	21.6
31.0	1713	3.0			0.65	2.6		31.5	21.7	21.6
31.0	1713	4.0			0.64	2.6		31.5	21.7	21.6
31.0	1713	5.0			0.64	2.6		31.5	21.7	21.6
31.0	1713	6.0			0.64	2.6		31.5	21.7	21.6
31.0	1713	7.0			0.64	2.6		31.5	21.7	21.6
31.0	1713	8.0			0.64	2.6		31.5	21.7	21.6
31.0	1713	9.0			0.64	2.6		31.5	21.7	21.7
31.0	1713	10.0			0.64	2.6		31.5	21.7	21.7
31.0	1713	11.0			0.63	2.5		31.5	21.7	21.7
30.0	1653	1.0	2.2	0.54	0.56	2.2	1.8	31.5	21.6	21.7
30.0	1653	2.0			0.56	2.2		31.5	21.6	21.7
30.0	1653	3.0			0.56	2.2		31.5	21.6	21.7
30.0	1653	4.0			0.56	2.2		31.5	21.6	21.7
30.0	1653	5.0			0.56	2.1		31.5	21.6	21.7
30.0	1653	6.0			0.56	2.2		31.5	21.6	21.7
30.0	1653	7.0			0.56	2.2		31.5	21.5	21.7
30.0	1653	8.0			0.57	2.2		31.5	21.5	21.7
30.0	1653	9.0			0.57	2.2		31.5	21.5	21.7
30.0	1653	10.0			0.56	2.2		31.5	21.5	21.7
30.0	1653	11.0			0.58	2.3		31.5	21.5	21.7
30.0	1653	12.0			0.58	2.3		31.5	21.5	21.7
30.0	1653	13.0			0.57	2.2		31.5	21.5	21.7
29.5	1641	1.0			0.55	2.1	2.2	31.5	21.5	21.7
29.5	1641	2.0			0.55	2.1		31.5	21.5	21.7
29.5	1641	3.0			0.55	2.1		31.5	21.5	21.7
29.5	1641	4.0			0.55	2.1		31.5	21.5	21.7
29.5	1641	5.0			0.55	2.1		31.5	21.5	21.7
29.5	1641	6.0			0.56	2.1		31.5	21.5	21.7
29.5	1641	7.0			0.56	2.2		31.5	21.5	21.7
29.5	1641	8.0			0.57	2.2		31.5	21.5	21.7
29.5	1641	9.0			0.57	2.2		31.5	21.5	21.7
29.5	1641	10.0			0.56	2.2		31.5	21.5	21.7
29.5	1641	11.0			0.55	2.1		31.5	21.5	21.7
29.5	1641	12.0			0.54	2.0		31.5	21.5	21.7
29.0	1625	1.0			0.52	2.0	2.0	31.5	21.4	21.7

LOCATION: South San Francisco Bay
 DATE: August 2, 1991
 JULIAN DAY: 91214

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
29.0	1625	2.0			0.52	2.0		31.5	21.4	21.7
29.0	1625	3.0			0.52	2.0		31.5	21.4	21.7
29.0	1625	4.0			0.52	2.0		31.5	21.4	21.7
29.0	1625	5.0			0.52	2.0		31.5	21.4	21.7
29.0	1625	6.0			0.53	2.0		31.5	21.4	21.7
29.0	1625	7.0			0.54	2.0		31.5	21.4	21.7
29.0	1625	8.0			0.54	2.0		31.5	21.4	21.7
29.0	1625	9.0			0.54	2.1		31.5	21.4	21.7
29.0	1625	10.0			0.54	2.0		31.5	21.4	21.7
29.0	1625	11.0			0.53	2.0		31.5	21.4	21.7
29.0	1625	12.0			0.52	2.0		31.5	21.4	21.7
29.0	1625	13.0			0.52	1.9		31.5	21.4	21.7
28.0	1613	1.0			0.52	2.0	2.2	31.4	21.3	21.7
28.0	1613	2.0			0.52	2.0		31.4	21.3	21.7
28.0	1613	3.0			0.52	2.0		31.5	21.3	21.7
28.0	1613	4.0			0.52	2.0		31.5	21.3	21.7
28.0	1613	5.0			0.53	2.0		31.5	21.3	21.8
28.0	1613	6.0			0.53	2.0		31.5	21.3	21.8
28.0	1613	7.0			0.54	2.1		31.5	21.3	21.8
28.0	1613	8.0			0.54	2.1		31.5	21.3	21.8
28.0	1613	9.0			0.55	2.1		31.5	21.3	21.8
28.0	1613	10.0			0.54	2.1		31.5	21.3	21.8
28.0	1613	11.0			0.53	2.0		31.5	21.3	21.8
28.0	1613	12.0			0.52	2.0		31.5	21.3	21.8
28.0	1613	13.0			0.52	1.9		31.5	21.3	21.8
27.0	1602	1.0	2.0	0.48	0.51	1.9	2.1	31.5	20.7	21.9
27.0	1602	2.0			0.51	1.9		31.5	20.7	21.9
27.0	1602	3.0			0.51	1.9		31.5	20.7	21.9
27.0	1602	4.0			0.51	1.9		31.5	20.7	21.9
27.0	1602	5.0			0.50	1.9		31.5	20.6	21.9
27.0	1602	6.0			0.51	1.9		31.5	20.6	21.9
27.0	1602	7.0			0.52	1.9		31.5	20.6	21.9
27.0	1602	8.0			0.52	2.0		31.5	20.6	21.9
27.0	1602	9.0			0.52	2.0		31.5	20.6	21.9
27.0	1602	10.0			0.52	2.0		31.5	20.6	21.9
27.0	1602	11.0			0.52	1.9		31.5	20.6	21.9
26.0	1551	1.0			0.51	1.9	2.4	31.4	20.2	22.0
26.0	1551	2.0			0.51	1.9		31.4	20.2	22.0
26.0	1551	3.0			0.51	1.9		31.5	20.2	22.0
26.0	1551	4.0			0.51	1.9		31.5	20.2	22.0
26.0	1551	5.0			0.51	1.9		31.5	20.2	22.0
26.0	1551	6.0			0.51	1.9		31.5	20.2	22.0
26.0	1551	7.0			0.52	1.9		31.5	20.2	22.0
26.0	1551	8.0			0.52	2.0		31.5	20.2	22.0
26.0	1551	9.0			0.52	2.0		31.5	20.2	22.0
25.0	1535	1.0			0.49	1.8	2.6	31.5	19.4	22.2
25.0	1535	2.0			0.49	1.8		31.5	19.4	22.3
25.0	1535	3.0			0.49	1.8		31.5	19.4	22.3
25.0	1535	4.0			0.49	1.8		31.5	19.4	22.3
25.0	1535	5.0			0.49	1.8		31.5	19.4	22.3
25.0	1535	6.0			0.50	1.9		31.5	19.4	22.3
25.0	1535	7.0			0.51	1.9		31.5	19.4	22.3
24.0	1523	1.0	1.6	0.44	0.47	1.7	2.1	31.6	18.8	22.5
24.0	1523	2.0			0.47	1.7		31.6	18.8	22.5
24.0	1523	3.0			0.47	1.7		31.6	18.8	22.5

LOCATION: South San Francisco Bay
 DATE: August 2, 1991
 JULIAN DAY: 91214

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
24.0	1523	4.0			0.47	1.7		31.6	18.7	22.5
24.0	1523	5.0			0.46	1.7		31.6	18.7	22.5
24.0	1523	6.0			0.48	1.7		31.6	18.8	22.5
24.0	1523	7.0			0.48	1.7		31.6	18.7	22.5
24.0	1523	8.0			0.49	1.8		31.6	18.7	22.5
24.0	1523	9.0			0.49	1.8		31.6	18.7	22.5

Fluorometer Calibration: n r² A B Syx

 5 0.95 -0.8 5.31 0.3

LOCATION: South San Francisco Bay
 DATE: October 1, 1991
 JULIAN DAY: 91274

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
31.0	712	1.0			0.46	2.3	0.5	32.1	19.9	22.5
31.0	712	2.0			0.46	2.3		32.1	19.9	22.6
31.0	712	3.0			0.46	2.3		32.1	19.9	22.6
31.0	712	4.0			0.46	2.3		32.1	19.9	22.5
31.0	712	5.0			0.47	2.4		32.1	19.9	22.5
31.0	712	6.0			0.47	2.4		32.1	19.9	22.6
31.0	712	7.0			0.47	2.5		32.1	19.9	22.6
31.0	712	8.0			0.48	2.6		32.1	19.9	22.6
31.0	712	9.0			0.48	2.7		32.1	19.9	22.6
31.0	712	10.0			0.48	2.7		32.1	19.9	22.6
30.0	734	1.0	1.3	0.54	0.43	1.6	1.3	32.1	19.6	22.6
30.0	734	2.0			0.43	1.6		32.1	19.7	22.6
30.0	734	3.0			0.43	1.6		32.1	19.7	22.6
30.0	734	4.0			0.43	1.6		32.1	19.7	22.6
30.0	734	5.0			0.43	1.6		32.1	19.7	22.6
30.0	734	6.0			0.43	1.6		32.1	19.7	22.6
30.0	734	7.0			0.43	1.7		32.1	19.7	22.7
30.0	734	8.0			0.43	1.7		32.1	19.7	22.7
30.0	734	9.0			0.43	1.7		32.1	19.7	22.7
30.0	734	10.0			0.43	1.6		32.1	19.7	22.7
30.0	734	11.0	0.6	0.06	0.42	1.5		32.1	19.7	22.7
29.5	802	1.0			0.40	1.1	1.8	32.1	19.6	22.7
29.5	802	2.0			0.40	1.1		32.1	19.6	22.7
29.5	802	3.0			0.40	1.1		32.1	19.6	22.7
29.5	802	4.0			0.40	1.1		32.1	19.6	22.7
29.5	802	5.0			0.40	1.1		32.1	19.6	22.7
29.5	802	6.0			0.40	1.1		32.1	19.6	22.7
29.5	802	7.0			0.41	1.2		32.1	19.6	22.7
29.5	802	8.0			0.42	1.4		32.1	19.6	22.7
29.5	802	9.0			0.43	1.6		32.1	19.6	22.7
29.5	802	10.0			0.42	1.4		32.1	19.6	22.7
29.5	802	11.0			0.41	1.4		32.1	19.6	22.7
29.5	802	12.0			0.41	1.3		32.1	19.6	22.7
29.0	812	1.0	1.5	0.54	0.42	1.5	1.7	32.1	19.6	22.7
29.0	812	2.0			0.42	1.5		32.1	19.6	22.7
29.0	812	3.0			0.42	1.5		32.1	19.5	22.7
29.0	812	4.0			0.42	1.5		32.1	19.5	22.7
29.0	812	5.0			0.42	1.5		32.1	19.5	22.7
29.0	812	6.0			0.42	1.6		32.1	19.5	22.7
29.0	812	7.0			0.43	1.7		32.1	19.5	22.7
29.0	812	8.0			0.44	1.8		32.1	19.5	22.7
29.0	812	9.0			0.44	1.8		32.1	19.5	22.7
29.0	812	10.0			0.43	1.8		32.1	19.5	22.7
29.0	812	11.0			0.42	1.6		32.1	19.5	22.7
29.0	812	12.0	1.1	0.28	0.42	1.5		32.1	19.5	22.7
27.0	839	1.0	2.5	0.66	0.46	2.2	1.4	32.1	19.4	22.7
27.0	839	2.0			0.46	2.2		32.2	19.4	22.7
27.0	839	3.0			0.45	2.2		32.2	19.4	22.8
27.0	839	4.0			0.46	2.2		32.1	19.4	22.7
27.0	839	5.0			0.46	2.2		32.1	19.4	22.7
27.0	839	6.0			0.46	2.2		32.1	19.4	22.7
27.0	839	7.0			0.46	2.2		32.2	19.4	22.8
27.0	839	8.0			0.46	2.2		32.2	19.4	22.8
27.0	839	9.0			0.46	2.3		32.2	19.4	22.8
27.0	839	10.0	2.1	0.60	0.46	2.3		32.2	19.4	22.8
26.0	853	1.0			0.47	2.5	1.6	32.1	19.2	22.8

LOCATION: South San Francisco Bay
 DATE: October 1, 1991
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STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
26.0	853	2.0			0.47	2.5		32.1	19.2	22.8
26.0	853	3.0			0.47	2.5		32.1	19.2	22.8
26.0	853	4.0			0.47	2.4		32.1	19.2	22.8
26.0	853	5.0			0.47	2.4		32.1	19.2	22.8
26.0	853	6.0			0.47	2.4		32.1	19.2	22.8
26.0	853	7.0			0.46	2.4		32.1	19.2	22.8
26.0	853	8.0			0.46	2.3		32.1	19.2	22.8
25.0	910	1.0			0.58	4.6	1.5	32.3	19.5	22.8
25.0	910	2.0			0.58	4.6		32.3	19.5	22.8
25.0	910	3.0			0.58	4.6		32.3	19.5	22.8
25.0	910	4.0			0.58	4.6		32.3	19.5	22.8
25.0	910	5.0			0.58	4.6		32.3	19.5	22.8
25.0	910	6.0			0.57	4.4		32.3	19.5	22.8
25.0	910	7.0			0.57	4.4		32.3	19.5	22.8
24.0	926	1.0	3.0	0.71	0.48	2.6	1.4	31.9	18.4	22.8
24.0	926	2.0			0.48	2.6		31.9	18.4	22.8
24.0	926	3.0			0.48	2.7		31.9	18.4	22.8
24.0	926	4.0			0.47	2.4		31.9	18.3	22.8
24.0	926	5.0			0.46	2.3		31.9	18.3	22.8
24.0	926	6.0			0.45	2.1		31.9	18.3	22.8
24.0	926	7.0			0.46	2.2		31.9	18.3	22.8
24.0	926	8.0			0.47	2.4		31.9	18.2	22.8
24.0	926	9.0	2.5	0.53	0.48	2.6		31.9	18.2	22.8
23.0	942	1.0			0.46	2.3	0.9	31.5	17.3	22.8
23.0	942	2.0			0.46	2.3		31.5	17.3	22.8
23.0	942	3.0			0.46	2.2		31.5	17.3	22.8
23.0	942	4.0			0.46	2.2		31.5	17.3	22.8
23.0	942	5.0			0.45	2.1		31.5	17.3	22.8
23.0	942	6.0			0.44	1.9		31.5	17.3	22.8
23.0	942	7.0			0.43	1.6		31.5	17.3	22.7
23.0	942	8.0			0.41	1.4		31.5	17.3	22.8
23.0	942	9.0			0.40	1.1		31.5	17.3	22.8
23.0	942	10.0			0.40	1.0		31.5	17.3	22.8
23.0	942	11.0			0.38	0.6		31.6	17.4	22.8
23.0	942	12.0			0.38	0.7		31.6	17.4	22.8
22.0	959	1.0			0.42	1.4	0.8	31.5	17.1	22.8
22.0	959	2.0			0.42	1.4		31.5	17.1	22.8
22.0	959	3.0			0.41	1.3		31.5	17.1	22.8
22.0	959	4.0			0.40	1.1		31.5	17.1	22.8
22.0	959	5.0			0.39	0.8		31.6	17.1	22.9
22.0	959	6.0			0.38	0.6		31.6	17.1	22.9
22.0	959	7.0			0.37	0.6		31.6	17.0	22.9
22.0	959	8.0			0.38	0.6		31.6	17.0	22.9
22.0	959	9.0			0.37	0.5		31.6	17.0	22.9
22.0	959	10.0			0.36	0.2		31.6	17.0	22.9
22.0	959	11.0			0.34			31.6	17.0	22.9
22.0	959	12.0			0.33			31.6	17.0	22.9
22.0	959	13.0			0.33			31.6	17.0	22.9
22.0	959	14.0			0.33			31.6	17.0	22.9
21.0	1014	1.0	2.5	0.66	0.41	1.3	0.9	31.5	17.0	22.8
21.0	1014	2.0			0.41	1.3		31.6	16.9	22.9
21.0	1014	3.0			0.39	1.0		31.6	16.9	22.9
21.0	1014	4.0			0.39	1.0		31.7	16.8	23.0
21.0	1014	5.0			0.39	0.9		31.7	16.8	23.1
21.0	1014	6.0			0.38	0.7		31.8	16.7	23.1

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STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
21.0	1014	7.0			0.38	0.7		31.8	16.7	23.1
21.0	1014	8.0			0.36	0.4		31.8	16.7	23.2
21.0	1014	9.0			0.36	0.4		31.9	16.6	23.2
21.0	1014	10.0			0.36	0.3		31.9	16.6	23.2
21.0	1014	11.0			0.36	0.2		31.9	16.5	23.3
21.0	1014	12.0			0.35	0.1		31.9	16.5	23.3
21.0	1014	13.0			0.34			31.9	16.5	23.3
21.0	1014	14.0			0.34			32.0	16.5	23.3

Fluorometer Calibration:

n	r ²	A	B	Syx
9	0.45	-6.7	19.50	0.6

LOCATION: North San Francisco Bay
 DATE: October 1, 1991
 JULIAN DAY: 91273

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
657.0	1815	1.0	2.0	0.71	0.40	1.7	1.7	0.1	21.3	0.0
657.0	1815	2.0			0.40	1.7		0.1	21.3	0.0
657.0	1815	3.0			0.40	1.7		0.1	21.3	0.0
657.0	1815	4.0			0.40	1.7		0.1	21.3	0.0
657.0	1815	5.0			0.40	1.7		0.1	21.3	0.0
657.0	1815	6.0	1.7	0.63	0.40	1.7		0.1	21.3	0.0
653.0	1748	1.0			0.44	2.2	2.1	0.5	20.7	0.0
653.0	1748	2.0			0.44	2.2		0.5	20.7	0.0
653.0	1748	3.0			0.44	2.2		0.5	20.7	0.0
653.0	1748	4.0			0.44	2.2		0.5	20.7	0.0
653.0	1748	5.0			0.44	2.2		0.5	20.7	0.0
653.0	1748	6.0			0.45	2.3		0.5	20.7	0.0
653.0	1748	7.0			0.45	2.3		0.5	20.8	0.0
653.0	1748	8.0			0.46	2.4		0.5	20.7	0.0
649.0	1720	1.0			0.37	1.4	2.3	2.0	20.2	0.0
649.0	1720	2.0			0.37	1.4		2.0	20.2	0.0
649.0	1720	3.0			0.37	1.4		2.0	20.2	0.0
649.0	1720	4.0			0.37	1.4		2.0	20.2	0.0
649.0	1720	5.0			0.37	1.3		2.1	20.2	0.0
649.0	1720	6.0			0.37	1.3		2.3	20.2	0.0
649.0	1720	7.0			0.37	1.3		2.3	20.2	0.0
649.0	1720	8.0			0.37	1.3		2.4	20.3	0.0
2.0	1647	1.0	0.8	0.28	0.35	1.1	2.2	3.6	20.3	0.9
2.0	1647	2.0			0.35	1.1		3.6	20.3	0.9
2.0	1647	3.0			0.35	1.1		3.7	20.3	1.0
2.0	1647	4.0			0.35	1.1		4.0	20.2	1.2
2.0	1647	5.0			0.35	1.1		4.2	20.2	1.3
2.0	1647	6.0			0.36	1.2		4.2	20.2	1.4
2.0	1647	7.0			0.36	1.2		4.3	20.2	1.4
2.0	1647	8.0			0.36	1.2		4.4	20.2	1.5
2.0	1647	9.0			0.36	1.2		4.7	20.1	1.7
2.0	1647	10.0			0.35	1.0		4.9	20.1	1.9
2.0	1647	11.0			0.33	0.9		4.9	20.1	1.9
2.0	1647	12.0			0.33	0.8		4.9	20.1	1.9
2.0	1647	13.0			0.32	0.7		4.9	20.1	1.9
2.0	1647	14.0	0.9	0.35	0.32	0.6		4.9	20.1	1.9
3.0	1634	1.0			0.35	1.0	1.9	4.2	20.2	1.3
3.0	1634	2.0			0.35	1.0		4.2	20.2	1.3
3.0	1634	3.0			0.34	1.0		4.2	20.2	1.4
3.0	1634	4.0			0.34	1.0		4.5	20.0	1.6
3.0	1634	5.0			0.34	1.0		4.8	19.9	1.9
3.0	1634	6.0			0.34	1.0		5.0	19.9	2.0
3.0	1634	7.0			0.35	1.0		5.2	19.9	2.2
3.0	1634	8.0			0.35	1.0		5.2	19.8	2.2
4.0	1602	1.0	1.7	0.61	0.36	1.2	2.5	6.0	20.1	2.7
4.0	1602	2.0			0.36	1.2		6.2	20.0	3.0
4.0	1602	3.0			0.35	1.1		6.8	19.7	3.4
4.0	1602	4.0			0.35	1.1		6.9	19.6	3.6
4.0	1602	5.0			0.35	1.1		7.1	19.5	3.7
4.0	1602	6.0			0.35	1.1		7.1	19.5	3.7
4.0	1602	7.0			0.36	1.1		7.2	19.5	3.8
4.0	1602	8.0			0.36	1.1		7.2	19.5	3.8
4.0	1602	9.0	0.8	0.25	0.36	1.1		7.3	19.5	3.9
5.0	1544	1.0			0.38	1.4	2.6	8.2	19.8	4.5
5.0	1544	2.0			0.38	1.4		8.3	19.7	4.6
5.0	1544	3.0			0.37	1.3		8.7	19.4	4.9
5.0	1544	4.0			0.37	1.3		8.9	19.2	5.1
5.0	1544	5.0			0.36	1.2		8.9	19.3	5.1

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STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
5.0	1544	6.0			0.36	1.2		9.0	19.2	5.2
5.0	1544	7.0			0.36	1.1		9.0	19.2	5.2
5.0	1544	8.0			0.36	1.2		9.1	19.2	5.3
5.0	1544	9.0			0.36	1.2		9.2	19.2	5.4
6.0	1522	1.0	1.4	0.44	0.40	1.7	2.4	11.2	19.6	6.8
6.0	1522	2.0			0.40	1.7		11.4	19.5	7.0
6.0	1522	3.0			0.39	1.6		12.1	19.2	7.6
6.0	1522	4.0			0.38	1.5		12.2	19.2	7.7
6.0	1522	5.0			0.38	1.5		12.3	19.2	7.7
6.0	1522	6.0	1.2	0.44	0.38	1.5		12.3	19.2	7.7
7.0	1452	1.0	2.4	0.80	0.45	2.3	1.8	14.4	19.7	9.2
7.0	1452	2.0			0.45	2.3		14.5	19.7	9.2
7.0	1452	3.0			0.44	2.2		14.6	19.5	9.4
7.0	1452	4.0			0.42	1.9		15.2	19.1	9.9
7.0	1452	5.0			0.40	1.7		15.7	19.1	10.3
7.0	1452	6.0			0.39	1.6		15.8	19.1	10.4
7.0	1452	7.0			0.38	1.5		15.8	19.1	10.4
7.0	1452	8.0			0.38	1.4		15.8	19.1	10.4
7.0	1452	9.0			0.38	1.4		15.9	19.1	10.5
7.0	1452	10.0			0.37	1.3		16.1	19.1	10.6
7.0	1452	11.0			0.36	1.2		16.2	19.1	10.7
7.0	1452	12.0			0.35	1.1		16.4	19.0	10.9
11.0	1317	1.0			0.35	1.1	0.7	21.7	19.1	14.9
11.0	1317	2.0			0.35	1.1		24.2	18.6	16.9
11.0	1317	3.0			0.35	1.1		24.7	18.6	17.3
11.0	1317	4.0			0.35	1.1		25.1	18.6	17.5
11.0	1317	5.0			0.35	1.1		25.3	18.6	17.8
11.0	1317	6.0			0.35	1.1		25.4	18.6	17.8
11.0	1317	7.0			0.36	1.1		25.7	18.7	18.0
11.0	1317	8.0			0.36	1.2		25.9	18.7	18.2
11.0	1317	9.0			0.36	1.2		26.1	18.7	18.3
11.0	1317	10.0			0.35	1.1		26.2	18.7	18.4
11.0	1317	11.0			0.34	0.9		26.2	18.7	18.4
11.0	1317	12.0			0.33	0.8		26.3	18.6	18.5
13.0	1240	1.0			0.51	3.1	0.8	27.1	19.0	19.0
13.0	1240	2.0			0.51	3.1		27.4	18.8	19.3
13.0	1240	3.0			0.57	3.8		27.9	18.5	19.7
13.0	1240	4.0			0.64	4.7		28.1	18.4	19.9
13.0	1240	5.0			0.64	4.7		28.2	18.4	20.0
13.0	1240	6.0			0.65	4.8		28.2	18.4	20.0
13.0	1240	7.0			0.63	4.6		28.3	18.4	20.1
15.0	1157	1.0			0.49	2.8	0.7	28.7	18.3	20.4
15.0	1157	2.0			0.49	2.8		28.7	18.4	20.3
15.0	1157	3.0			0.50	2.9		28.7	18.4	20.3
15.0	1157	4.0			0.51	3.1		28.7	18.3	20.4
15.0	1157	5.0			0.52	3.2		28.7	18.4	20.3
15.0	1157	6.0			0.51	3.0		28.8	18.4	20.4
15.0	1157	7.0			0.50	2.9		29.0	18.2	20.6
15.0	1157	8.0			0.48	2.7		29.3	17.9	21.0
15.0	1157	9.0			0.46	2.4		29.5	17.8	21.1
15.0	1157	10.0			0.42	2.0		29.7	17.7	21.3
15.0	1157	11.0			0.39	1.6		29.9	17.6	21.5
15.0	1157	12.0			0.37	1.3		30.3	17.4	21.8
15.0	1157	13.0			0.35	1.1		30.5	17.4	22.0
15.0	1157	14.0			0.35	1.0		30.6	17.3	22.0
15.0	1157	15.0			0.34	0.9		30.6	17.3	22.1
15.0	1157	16.0			0.33	0.8		30.7	17.3	22.1
15.0	1157	17.0			0.32	0.7		30.7	17.2	22.2
15.0	1157	18.0			0.32	0.7		30.7	17.2	22.2

LOCATION: North San Francisco Bay
 DATE: October 1, 1991
 JULIAN DAY: 91273

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
18.0	1042	1.0			0.37	1.3	0.6	31.8	16.4	23.2
18.0	1042	2.0			0.37	1.3		31.9	16.3	23.3
18.0	1042	3.0			0.38	1.4		32.0	16.2	23.4
18.0	1042	4.0			0.38	1.4		32.1	16.1	23.5
18.0	1042	5.0			0.39	1.5		32.1	16.0	23.5
18.0	1042	6.0			0.38	1.5		32.2	16.0	23.6
18.0	1042	7.0			0.38	1.4		32.3	15.9	23.7
18.0	1042	8.0			0.37	1.3		32.3	15.8	23.7
18.0	1042	9.0			0.38	1.4		32.4	15.7	23.8
18.0	1042	10.0			0.36	1.2		32.4	15.7	23.8
18.0	1042	11.0			0.34	1.0		32.4	15.7	23.8
18.0	1042	12.0			0.33	0.9		32.4	15.7	23.8
18.0	1042	13.0			0.33	0.8		32.4	15.7	23.8
18.0	1042	14.0			0.33	0.9		32.4	15.7	23.8
18.0	1042	15.0			0.32	0.7		32.4	15.7	23.8
18.0	1042	16.0			0.32	0.7		32.4	15.7	23.8
18.0	1042	17.0			0.31	0.6		32.4	15.7	23.8
18.0	1042	18.0			0.32	0.7		32.4	15.7	23.8
18.0	1042	19.0			0.32	0.6		32.4	15.7	23.8
18.0	1042	20.0			0.31	0.6		32.4	15.7	23.8
18.0	1042	21.0			0.31	0.6		32.4	15.7	23.8
18.0	1042	22.0			0.31	0.5		32.4	15.7	23.8
18.0	1042	23.0			0.31	0.5		32.4	15.7	23.8
18.0	1042	24.0			0.31	0.6		32.4	15.7	23.8
18.0	1042	25.0			0.31	0.5		32.4	15.7	23.8
18.0	1042	26.0			0.31	0.5		32.4	15.7	23.8
18.0	1042	27.0			0.30	0.5		32.4	15.7	23.8
18.0	1042	28.0			0.32	0.7		32.4	15.7	23.8
18.0	1042	29.0			0.31	0.6		32.4	15.7	23.8
18.0	1042	30.0			0.31	0.6		32.4	15.7	23.8
18.0	1042	31.0			0.32	0.7		32.4	15.7	23.8
18.0	1042	32.0			0.32	0.8		32.4	15.7	23.8

Fluorometer Calibration: n r² A B Syx
 9 0.69 -3.3 12.57 0.3

LOCATION: South San Francisco Bay
 DATE: November 19, 1991
 JULIAN DAY: 91323

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
30.0	637	1.0	1.0	0.53	0.37	0.8		31.5	14.3	23.4
30.0	637	2.0			0.37	0.8		31.5	14.3	23.4
30.0	637	3.0			0.37	0.8		31.5	14.3	23.4
30.0	637	4.0			0.37	0.8		31.5	14.3	23.4
30.0	637	5.0			0.37	0.8		31.5	14.3	23.4
30.0	637	6.0			0.37	0.7		31.5	14.3	23.4
30.0	637	7.0			0.37	0.7		31.5	14.3	23.4
30.0	637	8.0			0.38	0.7		31.5	14.3	23.5
30.0	637	9.0			0.38	0.6		31.6	14.3	23.5
30.0	637	10.0			0.39	0.6		31.6	14.3	23.5
30.0	637	11.0	0.0	0.00	0.39	0.6		31.6	14.4	23.5
29.0	711	1.0			0.35	1.0	1.7	31.7	14.3	23.6
29.0	711	2.0			0.35	1.0		31.7	14.3	23.6
29.0	711	3.0			0.35	0.9		31.7	14.3	23.6
29.0	711	4.0			0.35	1.0		31.6	14.3	23.5
29.0	711	5.0			0.35	0.9		31.6	14.3	23.5
29.0	711	6.0			0.35	0.9		31.6	14.3	23.5
29.0	711	7.0			0.37	0.8		31.6	14.4	23.5
29.0	711	8.0			0.37	0.7		31.6	14.3	23.5
29.0	711	9.0			0.38	0.7		31.7	14.3	23.5
29.0	711	10.0			0.38	0.7		31.7	14.4	23.5
29.0	711	11.0			0.38	0.7		31.7	14.4	23.5
29.0	711	12.0			0.39	0.6		31.7	14.4	23.5
28.0	729	1.0			0.36	0.8	2.2	31.8	14.4	23.6
28.0	729	2.0			0.36	0.8		31.8	14.4	23.6
28.0	729	3.0			0.36	0.8		31.8	14.4	23.6
28.0	729	4.0			0.36	0.8		31.8	14.4	23.6
28.0	729	5.0			0.36	0.8		31.8	14.4	23.6
28.0	729	6.0			0.37	0.8		31.8	14.4	23.6
28.0	729	7.0			0.37	0.7		31.8	14.4	23.6
28.0	729	8.0			0.37	0.7		31.8	14.4	23.7
28.0	729	9.0			0.38	0.7		31.8	14.4	23.7
28.0	729	10.0			0.37	0.8		31.8	14.4	23.7
28.0	729	11.0			0.37	0.7		31.8	14.4	23.7
28.0	729	12.0			0.37	0.7		31.8	14.4	23.7
27.0	744	1.0	0.0	0.00	0.37	0.7	2.0	31.8	14.6	23.6
27.0	744	2.0			0.37	0.7		31.8	14.6	23.6
27.0	744	3.0			0.38	0.7		31.8	14.6	23.6
27.0	744	4.0			0.37	0.7		31.8	14.6	23.6
27.0	744	5.0			0.38	0.7		31.8	14.6	23.6
27.0	744	6.0			0.38	0.7		31.8	14.6	23.6
27.0	744	7.0			0.38	0.6		31.8	14.6	23.6
27.0	744	8.0			0.39	0.6		31.8	14.6	23.6
27.0	744	9.0			0.39	0.6		31.8	14.6	23.6
27.0	744	10.0	1.2	0.40	0.38	0.7		31.8	14.6	23.6
26.0	759	1.0			0.37	0.8	1.9	31.7	14.6	23.5
26.0	759	2.0			0.37	0.8		31.7	14.6	23.5
26.0	759	3.0			0.37	0.8		31.7	14.6	23.5
26.0	759	4.0			0.37	0.8		31.7	14.6	23.5
26.0	759	5.0			0.37	0.7		31.7	14.6	23.5
26.0	759	6.0			0.37	0.7		31.7	14.6	23.5
26.0	759	7.0			0.37	0.7		31.7	14.6	23.5
26.0	759	8.0			0.37	0.7		31.7	14.6	23.5
25.0	817	1.0			0.37	0.7	2.0	31.4	14.6	23.3
25.0	817	2.0			0.37	0.7		31.4	14.6	23.3
25.0	817	3.0			0.37	0.7		31.4	14.6	23.3
25.0	817	4.0			0.38	0.7		31.4	14.6	23.3
25.0	817	5.0			0.38	0.7		31.4	14.7	23.3
25.0	817	6.0			0.38	0.6		31.4	14.7	23.3

LOCATION: South San Francisco Bay
 DATE: November 19, 1991
 JULIAN DAY: 91323

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
25.0	817	7.0			0.38	0.6		31.4	14.7	23.3
24.0	838	1.0	1.0	0.36	0.35	0.9	1.8	31.2	13.9	23.3
24.0	838	2.0			0.35	0.9		31.2	14.0	23.3
24.0	838	3.0			0.35	0.9		31.2	14.0	23.3
24.0	838	4.0			0.35	0.9		31.2	14.0	23.3
24.0	838	5.0			0.36	0.8		31.2	14.0	23.3
24.0	838	6.0			0.36	0.8		31.2	14.0	23.3
24.0	838	7.0			0.36	0.8		31.2	14.0	23.3
24.0	838	8.0			0.37	0.8		31.2	14.0	23.3
24.0	838	9.0	1.4	0.27	0.37	0.8		31.2	14.0	23.3
23.0	858	1.0			0.35	0.9	1.6	31.3	13.5	23.4
23.0	858	2.0			0.35	0.9		31.3	13.5	23.4
23.0	858	3.0			0.34	1.0		31.3	13.5	23.4
23.0	858	4.0			0.35	0.9		31.3	13.5	23.4
23.0	858	5.0			0.35	0.9		31.3	13.5	23.4
23.0	858	6.0			0.35	0.9		31.3	13.5	23.4
23.0	858	7.0			0.36	0.9		31.3	13.5	23.4
23.0	858	8.0			0.36	0.8		31.3	13.5	23.5
23.0	858	9.0			0.37	0.7		31.3	13.4	23.5
23.0	858	10.0			0.37	0.7		31.3	13.4	23.5
23.0	858	11.0			0.37	0.7		31.3	13.4	23.5
23.0	858	12.0			0.36	0.9		31.3	13.4	23.5
23.0	858	13.0			0.36	0.9		31.4	13.4	23.5
22.0	916	1.0			0.35	0.9	1.0	31.4	13.1	23.6
22.0	916	2.0			0.35	0.9		31.5	13.0	23.6
22.0	916	3.0			0.35	1.0		31.5	13.0	23.7
22.0	916	4.0			0.35	1.0		31.6	13.0	23.7
22.0	916	5.0			0.34	1.0		31.6	13.0	23.8
22.0	916	6.0			0.34	1.0		31.6	13.0	23.8
22.0	916	7.0			0.34	1.0		31.7	13.0	23.8
22.0	916	8.0			0.34	1.0		31.7	12.9	23.8
22.0	916	9.0			0.34	1.1		31.7	12.9	23.9
22.0	916	10.0			0.33	1.1		31.7	12.9	23.9
22.0	916	11.0			0.32	1.2		31.7	12.9	23.9
22.0	916	12.0			0.32	1.2		31.7	12.9	23.9
22.0	916	13.0			0.31	1.2		31.8	12.9	23.9
22.0	916	14.0			0.31	1.3		31.8	12.9	23.9
21.0	931	1.0	1.2	0.57	0.34	1.0	1.2	31.2	13.2	23.4
21.0	931	2.0			0.34	1.0		31.2	13.2	23.5
21.0	931	3.0			0.34	1.0		31.3	13.1	23.5
21.0	931	4.0			0.34	1.0		31.3	13.1	23.5
21.0	931	5.0			0.34	1.0		31.4	13.1	23.6
21.0	931	6.0			0.34	1.0		31.5	13.0	23.7
21.0	931	7.0			0.34	1.0		31.7	12.9	23.9
21.0	931	8.0			0.34	1.0		31.8	12.9	24.0
21.0	931	9.0			0.35	1.0		31.9	12.8	24.0
21.0	931	10.0			0.34	1.0		31.9	12.8	24.1
21.0	931	11.0			0.33	1.1		32.0	12.8	24.1
21.0	931	12.0			0.32	1.2		32.0	12.8	24.1
21.0	931	13.0			0.32	1.2		32.0	12.8	24.1
21.0	931	14.0			0.32	1.2		32.0	12.8	24.1
21.0	931	15.0	0.9	0.20	0.31	1.3		32.0	12.8	24.1

Fluorometer Calibration: n r^2 A B Syx
 8 0.17 4.0 -8.90 0.5

LOCATION: North San Francisco Bay
 DATE: November 19, 1991
 JULIAN DAY: 91324

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
657.0	1741	1.0	1.2	0.46	0.37	1.4		0.2	13.7	0.0
657.0	1741	2.0			0.37	1.4		0.1	13.7	0.0
657.0	1741	3.0			0.37	1.4		0.1	13.7	0.0
657.0	1741	4.0			0.37	1.4		0.1	13.7	0.0
657.0	1741	5.0			0.37	1.4		0.1	13.7	0.0
657.0	1741	6.0			0.37	1.5		0.1	13.7	0.0
657.0	1741	7.0			0.38	1.5		0.1	13.7	0.0
653.0	1706	1.0			0.43	2.1		1.3	13.7	0.3
653.0	1706	2.0			0.43	2.1		1.4	13.7	0.3
653.0	1706	3.0			0.43	2.1		1.4	13.7	0.4
653.0	1706	4.0			0.44	2.2		1.5	13.7	0.4
653.0	1706	5.0			0.44	2.2		1.5	13.8	0.5
653.0	1706	6.0			0.44	2.2		1.7	13.8	0.6
653.0	1706	7.0			0.43	2.1		1.8	13.8	0.7
649.0	1629	1.0	2.7	0.71	0.41	1.9	1.8	3.1	14.3	1.6
649.0	1629	2.0			0.41	1.9		3.6	14.2	2.0
649.0	1629	3.0			0.40	1.8		4.3	14.1	2.6
649.0	1629	4.0			0.38	1.6		4.7	14.1	2.8
649.0	1629	5.0			0.37	1.4		4.7	14.1	2.9
649.0	1629	6.0			0.36	1.3		4.8	14.1	2.9
649.0	1629	7.0			0.36	1.3		4.8	14.1	3.0
2.0	1603	1.0			0.32	0.9	2.2	7.7	14.2	5.1
2.0	1603	2.0			0.32	0.9		7.8	14.2	5.2
2.0	1603	3.0			0.32	0.9		7.8	14.2	5.2
2.0	1603	4.0			0.32	0.9		7.9	14.2	5.3
2.0	1603	5.0			0.33	0.9		8.0	14.2	5.4
2.0	1603	6.0			0.33	1.0		8.0	14.2	5.4
2.0	1603	7.0			0.33	1.0		8.1	14.2	5.4
2.0	1603	8.0			0.33	1.0		8.1	14.2	5.5
3.0	1530	1.0	1.5	0.52	0.39	1.7	1.9	7.4	14.3	4.9
3.0	1530	2.0			0.39	1.7		8.1	14.3	5.4
3.0	1530	3.0			0.37	1.5		8.6	14.2	5.8
3.0	1530	4.0			0.36	1.3		8.9	14.1	6.1
3.0	1530	5.0			0.35	1.2		9.1	14.1	6.2
3.0	1530	6.0			0.35	1.2		9.3	14.2	6.4
3.0	1530	7.0			0.35	1.2		9.4	14.2	6.5
3.0	1530	8.0			0.35	1.1		9.5	14.2	6.6
3.0	1530	9.0	0.5	0.26	0.34	1.1		9.7	14.2	6.7
4.0	1504	1.0			0.34	1.0	1.7	9.8	14.2	6.7
4.0	1504	2.0			0.34	1.0		9.9	14.2	6.8
4.0	1504	3.0			0.33	1.0		10.8	14.1	7.5
4.0	1504	4.0			0.33	1.0		11.3	14.1	8.0
4.0	1504	5.0			0.33	1.0		11.5	14.1	8.1
4.0	1504	6.0			0.33	1.0		11.6	14.1	8.2
4.0	1504	7.0			0.33	1.0		11.7	14.1	8.2
4.0	1504	8.0			0.34	1.0		11.8	14.1	8.3
4.0	1504	9.0			0.34	1.1		11.8	14.1	8.3
5.0	1440	1.0			0.36	1.3	1.6	12.1	14.1	8.6
5.0	1440	2.0			0.36	1.3		12.3	13.9	8.7
5.0	1440	3.0			0.35	1.2		12.4	13.7	8.9
5.0	1440	4.0			0.35	1.2		12.5	13.8	8.9
5.0	1440	5.0			0.34	1.1		12.7	13.8	9.0
5.0	1440	6.0			0.34	1.1		13.3	14.1	9.5
5.0	1440	7.0			0.34	1.1		14.2	14.3	10.1
5.0	1440	8.0			0.34	1.1		15.0	14.2	10.8
5.0	1440	9.0			0.34	1.1		15.3	14.2	11.0
6.0	1413	1.0	0.9	0.56	0.36	1.3	1.7	14.4	14.4	10.3

LOCATION: North San Francisco Bay
 DATE: November 19, 1991
 JULIAN DAY: 91324

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
6.0	1413	2.0			0.36	1.3		14.6	14.4	10.4
6.0	1413	3.0			0.35	1.2		14.6	14.3	10.4
6.0	1413	4.0			0.35	1.2		15.2	14.4	10.9
6.0	1413	5.0			0.34	1.1		15.2	14.4	10.9
6.0	1413	6.0	0.7	0.39	0.34	1.0		15.1	14.4	10.8
7.0	1334	1.0			0.33	0.9	1.7	19.3	14.6	14.0
7.0	1334	2.0			0.33	0.9		19.8	14.5	14.4
7.0	1334	3.0			0.32	0.9		20.2	14.5	14.7
7.0	1334	4.0			0.32	0.8		20.6	14.4	15.0
7.0	1334	5.0			0.32	0.8		20.8	14.4	15.2
7.0	1334	6.0			0.32	0.8		21.0	14.3	15.3
7.0	1334	7.0			0.32	0.8		21.2	14.3	15.5
7.0	1334	8.0			0.32	0.8		21.2	14.3	15.5
7.0	1334	9.0			0.32	0.9		21.2	14.3	15.5
8.0	1312	1.0			0.34	1.0	1.5	22.2	14.2	16.3
8.0	1312	2.0			0.34	1.0		22.4	14.1	16.5
8.0	1312	3.0			0.34	1.0		22.6	14.1	16.6
8.0	1312	4.0			0.33	1.0		22.8	14.0	16.8
8.0	1312	5.0			0.33	1.0		22.9	14.0	16.9
8.0	1312	6.0			0.33	0.9		23.0	14.0	16.9
8.0	1312	7.0			0.33	0.9		23.1	14.0	17.0
8.0	1312	8.0			0.33	0.9		23.1	14.0	17.0
8.0	1312	9.0			0.33	0.9		23.1	14.0	17.0
8.0	1312	10.0			0.32	0.9		23.1	13.9	17.0
8.0	1312	11.0			0.32	0.8		23.1	13.9	17.1
8.0	1312	12.0			0.31	0.8		23.2	13.9	17.1
9.0	1252	1.0	1.3	0.72	0.34	1.1	1.9	23.6	13.8	17.5
9.0	1252	2.0			0.34	1.1		23.7	13.8	17.5
9.0	1252	3.0			0.34	1.0		23.8	13.8	17.6
9.0	1252	4.0			0.34	1.1		23.8	13.8	17.6
9.0	1252	5.0			0.34	1.0		24.1	13.8	17.8
9.0	1252	6.0			0.34	1.1		24.5	13.8	18.1
9.0	1252	7.0			0.34	1.1		24.6	13.8	18.2
9.0	1252	8.0			0.34	1.1		24.7	13.8	18.3
9.0	1252	9.0			0.35	1.1		24.8	13.7	18.4
9.0	1252	10.0			0.34	1.1		24.9	13.7	18.4
9.0	1252	11.0			0.33	0.9		24.9	13.7	18.4
9.0	1252	12.0			0.32	0.9		24.9	13.7	18.4
9.0	1252	13.0			0.32	0.8		24.9	13.7	18.4
9.0	1252	14.0			0.31	0.8		24.9	13.7	18.4
9.0	1252	15.0			0.31	0.7		24.9	13.7	18.4
9.0	1252	16.0			0.31	0.7		24.9	13.7	18.4
9.0	1252	17.0			0.31	0.7		24.9	13.7	18.5
9.0	1252	18.0			0.30	0.7		24.9	13.7	18.5
9.0	1252	19.0			0.30	0.7		24.9	13.7	18.5
9.0	1252	20.0			0.30	0.7		24.9	13.7	18.5
9.0	1252	21.0			0.30	0.6		25.0	13.7	18.5
9.0	1252	22.0			0.30	0.6		25.0	13.7	18.5
9.0	1252	23.0			0.30	0.6		25.0	13.7	18.5
9.0	1252	24.0			0.30	0.6		25.0	13.7	18.5
9.0	1252	25.0			0.30	0.6		25.0	13.7	18.5
9.0	1252	26.0			0.30	0.6		25.0	13.7	18.5
9.0	1252	27.0	0.8	0.26	0.30	0.6		25.0	13.7	18.5
10.0	1239	1.0			0.39	1.6	1.5	24.4	13.8	18.0
10.0	1239	2.0			0.39	1.6		24.4	13.8	18.1
10.0	1239	3.0			0.39	1.6		24.4	13.8	18.1
10.0	1239	4.0			0.38	1.6		24.4	13.8	18.1
10.0	1239	5.0			0.38	1.5		24.5	13.7	18.1
10.0	1239	6.0			0.37	1.5		24.5	13.7	18.1
10.0	1239	7.0			0.37	1.5		24.5	13.7	18.2

LOCATION: North San Francisco Bay
 DATE: November 19, 1991
 JULIAN DAY: 91324

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
10.0	1239	8.0			0.37	1.4		24.6	13.6	18.2
10.0	1239	9.0			0.37	1.4		24.6	13.6	18.2
10.0	1239	10.0			0.36	1.3		24.6	13.6	18.2
10.0	1239	11.0			0.34	1.1		24.6	13.6	18.2
10.0	1239	12.0			0.33	1.0		24.7	13.6	18.3
10.0	1239	13.0			0.32	0.9		24.9	13.6	18.5
10.0	1239	14.0			0.32	0.8		25.0	13.6	18.5
11.0	1218	1.0			0.37	1.4	1.5	25.0	13.8	18.5
11.0	1218	2.0			0.37	1.4		25.4	13.7	18.8
11.0	1218	3.0			0.36	1.3		25.5	13.8	18.9
11.0	1218	4.0			0.36	1.3		25.9	13.8	19.2
11.0	1218	5.0			0.35	1.2		26.2	13.8	19.4
11.0	1218	6.0			0.35	1.2		26.5	13.7	19.6
11.0	1218	7.0			0.35	1.2		26.7	13.8	19.8
11.0	1218	8.0			0.35	1.2		26.8	13.8	19.9
11.0	1218	9.0			0.35	1.2		26.8	13.8	19.9
11.0	1218	10.0			0.35	1.1		26.9	13.8	20.0
11.0	1218	11.0			0.33	1.0		26.9	13.8	20.0
11.0	1218	12.0			0.33	0.9		26.9	13.7	20.0
11.0	1218	13.0			0.32	0.8		26.9	13.8	20.0
11.0	1218	14.0			0.32	0.8		27.0	13.8	20.0
11.0	1218	15.0			0.31	0.8		27.0	13.8	20.0
11.0	1218	16.0			0.31	0.7		27.0	13.8	20.0
13.0	1142	1.0	1.2	0.52	0.36	1.3	1.1	28.4	13.7	21.2
13.0	1142	2.0			0.36	1.3		28.6	13.7	21.3
13.0	1142	3.0			0.36	1.3		28.7	13.6	21.4
13.0	1142	4.0			0.35	1.2		28.7	13.6	21.4
13.0	1142	5.0			0.35	1.2		28.8	13.6	21.5
13.0	1142	6.0			0.35	1.2		28.9	13.5	21.6
13.0	1142	7.0			0.35	1.1		28.9	13.5	21.6
13.0	1142	8.0	1.2	0.50	0.34	1.1		29.0	13.5	21.6
15.0	1106	1.0	1.2	0.55	0.36	1.3	1.5	29.2	13.6	21.8
15.0	1106	2.0			0.36	1.3		29.5	13.5	22.0
15.0	1106	3.0			0.36	1.3		29.6	13.5	22.1
15.0	1106	4.0			0.36	1.3		29.9	13.4	22.3
15.0	1106	5.0			0.35	1.2		29.9	13.4	22.4
15.0	1106	6.0			0.35	1.2		30.0	13.4	22.4
15.0	1106	7.0			0.35	1.2		30.0	13.4	22.5
15.0	1106	8.0			0.35	1.2		30.1	13.3	22.6
15.0	1106	9.0			0.35	1.2		30.3	13.3	22.7
15.0	1106	10.0			0.34	1.1		30.4	13.2	22.8
15.0	1106	11.0			0.33	1.0		30.5	13.2	22.9
15.0	1106	12.0			0.32	0.9		30.8	13.2	23.1
15.0	1106	13.0			0.32	0.8		30.9	13.1	23.2
15.0	1106	14.0			0.31	0.8		31.0	13.1	23.2
15.0	1106	15.0			0.31	0.7		31.1	13.1	23.4
15.0	1106	16.0			0.31	0.7		31.2	13.1	23.4
15.0	1106	17.0			0.31	0.7		31.2	13.1	23.4
15.0	1106	18.0	1.2	0.33	0.31	0.7		31.2	13.1	23.4
18.0	1002	1.0	1.6	0.41	0.36	1.3	1.1	32.5	12.4	24.6
18.0	1002	2.0			0.36	1.3		32.5	12.4	24.5
18.0	1002	3.0			0.37	1.4		32.5	12.4	24.6
18.0	1002	4.0			0.37	1.4		32.5	12.4	24.6
18.0	1002	5.0			0.37	1.4		32.5	12.4	24.6
18.0	1002	6.0			0.37	1.5		32.5	12.4	24.6
18.0	1002	7.0			0.38	1.5		32.5	12.4	24.6
18.0	1002	8.0			0.38	1.6		32.5	12.4	24.6
18.0	1002	9.0			0.38	1.6		32.5	12.4	24.6
18.0	1002	10.0			0.39	1.6		32.5	12.4	24.6
18.0	1002	11.0			0.38	1.5		32.5	12.4	24.6

LOCATION: North San Francisco Bay
 DATE: November 19, 1991
 JULIAN DAY: 91324

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
18.0	1002	12.0			0.37	1.4		32.5	12.4	24.6
18.0	1002	13.0			0.36	1.3		32.5	12.4	24.6
18.0	1002	14.0			0.35	1.2		32.5	12.4	24.6
18.0	1002	15.0			0.37	1.4		32.5	12.3	24.6
18.0	1002	16.0			0.34	1.1		32.5	12.3	24.6
18.0	1002	17.0			0.35	1.2		32.5	12.3	24.6
18.0	1002	18.0			0.36	1.4		32.5	12.3	24.6
18.0	1002	19.0			0.37	1.4		32.5	12.3	24.6
18.0	1002	20.0			0.38	1.6		32.5	12.3	24.6
18.0	1002	21.0			0.38	1.6		32.5	12.3	24.6
18.0	1002	22.0			0.39	1.7		32.5	12.3	24.6
18.0	1002	23.0			0.40	1.7		32.5	12.3	24.6
18.0	1002	24.0			0.40	1.7		32.5	12.3	24.6
18.0	1002	25.0			0.40	1.7		32.5	12.3	24.6
18.0	1002	26.0			0.39	1.7		32.5	12.3	24.6
18.0	1002	27.0			0.40	1.7		32.5	12.3	24.6
18.0	1002	28.0			0.40	1.7		32.5	12.3	24.6
18.0	1002	29.0			0.41	1.8		32.5	12.3	24.6
18.0	1002	30.0			0.40	1.8		32.5	12.3	24.6
18.0	1002	31.0			0.40	1.8		32.5	12.3	24.6
18.0	1002	32.0			0.40	1.8		32.5	12.3	24.6
18.0	1002	33.0			0.40	1.8		32.5	12.3	24.6
18.0	1002	34.0			0.40	1.8		32.5	12.3	24.6
18.0	1002	35.0			0.40	1.8		32.5	12.3	24.6
18.0	1002	36.0			0.40	1.8		32.5	12.3	24.6
18.0	1002	37.0			0.40	1.8		32.5	12.3	24.6
18.0	1002	38.0			0.40	1.8		32.5	12.3	24.6
18.0	1002	39.0	1.6	0.29	0.40	1.8		32.5	12.3	24.6

Fluorometer Calibration: n r² A B Syx
 14 0.49 -2.8 11.47 0.4

LOCATION: South San Francisco Bay
 DATE: December 10, 1991
 JULIAN DAY: 91343

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
30.0	637	1.0	0.7	0.32	0.39	1.3		31.5	11.3	24.0
30.0	637	2.0			0.39	1.3		31.5	11.3	24.0
30.0	637	3.0			0.39	1.4		31.5	11.3	24.0
30.0	637	4.0			0.39	1.4		31.5	11.3	24.0
30.0	637	5.0			0.39	1.4		31.5	11.3	24.0
30.0	637	6.0			0.39	1.4		31.5	11.3	24.0
30.0	637	7.0			0.39	1.4		31.5	11.4	24.0
30.0	637	8.0			0.40	1.5		31.5	11.4	24.0
30.0	637	9.0			0.40	1.5		31.5	11.4	24.0
30.0	637	10.0			0.40	1.6		31.5	11.4	24.0
30.0	637	11.0			0.40	1.5		31.5	11.4	24.0
29.0	658	1.0	1.3	1.00	0.38	1.1		31.5	11.3	24.0
29.0	658	2.0			0.38	1.1		31.5	11.3	24.0
29.0	658	3.0			0.38	1.1		31.5	11.3	24.0
29.0	658	4.0			0.38	1.1		31.5	11.3	24.0
29.0	658	5.0			0.38	1.1		31.5	11.4	24.0
29.0	658	6.0			0.38	1.2		31.5	11.4	24.0
29.0	658	7.0			0.39	1.3		31.5	11.4	24.0
29.0	658	8.0			0.39	1.4		31.5	11.4	24.0
29.0	658	9.0			0.40	1.4		31.5	11.4	24.0
29.0	658	10.0			0.40	1.5		31.5	11.4	24.0
29.0	658	11.0			0.40	1.5		31.5	11.4	24.0
29.0	658	12.0	1.3	0.65	0.40	1.5		31.5	11.4	24.0
28.0	715	1.0			0.37	0.9		31.5	11.3	24.0
28.0	715	2.0			0.37	0.9		31.5	11.3	24.0
28.0	715	3.0			0.37	1.0		31.5	11.3	24.0
28.0	715	4.0			0.37	1.0		31.5	11.3	24.0
28.0	715	5.0			0.38	1.2		31.5	11.3	24.0
28.0	715	6.0			0.39	1.3		31.5	11.3	24.0
28.0	715	7.0			0.39	1.4		31.5	11.3	24.0
28.0	715	8.0			0.40	1.5		31.5	11.3	24.0
28.0	715	9.0			0.41	1.6		31.5	11.3	24.0
28.0	715	10.0			0.41	1.6		31.5	11.3	24.0
28.0	715	11.0			0.40	1.6		31.5	11.3	24.0
28.0	715	12.0			0.40	1.5		31.5	11.3	24.0
28.0	715	13.0			0.40	1.5		31.6	11.2	24.1
27.0	727	1.0	1.3	0.62	0.38	1.2	2.6	31.5	11.3	24.0
27.0	727	2.0			0.38	1.2		31.5	11.3	24.0
27.0	727	3.0			0.38	1.2		31.5	11.3	24.0
27.0	727	4.0			0.38	1.1		31.5	11.3	24.0
27.0	727	5.0			0.38	1.2		31.5	11.3	24.0
27.0	727	6.0			0.38	1.2		31.5	11.3	24.0
27.0	727	7.0			0.38	1.2		31.5	11.3	24.0
27.0	727	8.0			0.39	1.3		31.5	11.3	24.0
27.0	727	9.0			0.40	1.4		31.5	11.3	24.0
27.0	727	10.0	1.8	0.39	0.40	1.4		31.5	11.3	24.0
26.0	742	1.0			0.37	1.0	1.8	31.5	11.2	24.0
26.0	742	2.0			0.37	1.0		31.5	11.2	24.0
26.0	742	3.0			0.37	1.0		31.5	11.2	24.0
26.0	742	4.0			0.37	1.0		31.5	11.2	24.0
26.0	742	5.0			0.37	1.0		31.5	11.2	24.0
26.0	742	6.0			0.37	1.1		31.5	11.2	24.0
26.0	742	7.0			0.38	1.1		31.5	11.2	24.0
26.0	742	8.0			0.39	1.2		31.5	11.2	24.0
25.0	758	1.0			0.40	1.5	2.2	31.4	11.2	23.9
25.0	758	2.0			0.40	1.5		31.4	11.2	23.9
25.0	758	3.0			0.41	1.6		31.4	11.2	23.9
25.0	758	4.0			0.41	1.6		31.4	11.2	23.9
25.0	758	5.0			0.41	1.6		31.4	11.2	23.9

LOCATION: South San Francisco Bay
 DATE: December 10, 1991
 JULIAN DAY: 91343

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
25.0	758	6.0			0.41	1.7		31.4	11.2	23.9
25.0	758	7.0			0.41	1.7		31.4	11.2	23.9
24.0	817	1.0	1.0	0.33	0.38	1.2	2.2	31.2	11.6	23.7
24.0	817	2.0			0.38	1.2		31.2	11.6	23.8
24.0	817	3.0			0.38	1.2		31.2	11.6	23.8
24.0	817	4.0			0.38	1.2		31.2	11.6	23.8
24.0	817	5.0			0.39	1.3		31.2	11.6	23.8
24.0	817	6.0			0.39	1.3		31.2	11.6	23.8
24.0	817	7.0			0.39	1.4		31.2	11.6	23.8
24.0	817	8.0			0.40	1.4		31.2	11.6	23.8
24.0	817	9.0	1.5	0.63	0.40	1.5		31.2	11.6	23.8
23.0	832	1.0			0.39	1.3	1.7	31.1	11.3	23.7
23.0	832	2.0			0.39	1.3		31.1	11.3	23.7
23.0	832	3.0			0.39	1.3		31.1	11.3	23.7
23.0	832	4.0			0.39	1.4		31.1	11.3	23.7
23.0	832	5.0			0.39	1.4		31.1	11.3	23.7
23.0	832	6.0			0.39	1.4		31.1	11.3	23.7
23.0	832	7.0			0.40	1.5		31.1	11.3	23.7
23.0	832	8.0			0.41	1.6		31.1	11.3	23.7
23.0	832	9.0			0.42	1.7		31.1	11.3	23.7
23.0	832	10.0			0.41	1.7		31.1	11.3	23.7
23.0	832	11.0			0.41	1.6		31.1	11.3	23.7
23.0	832	12.0			0.41	1.6		31.1	11.3	23.7
23.0	832	13.0			0.41	1.6		31.1	11.3	23.7
22.0	851	1.0			0.37	1.1	1.2	31.1	11.3	23.7
22.0	851	2.0			0.37	1.1		31.1	11.3	23.7
22.0	851	3.0			0.37	1.1		31.1	11.3	23.7
22.0	851	4.0			0.38	1.2		31.1	11.3	23.7
22.0	851	5.0			0.38	1.1		31.1	11.3	23.7
22.0	851	6.0			0.37	1.1		31.1	11.3	23.7
22.0	851	7.0			0.37	1.0		31.1	11.3	23.7
22.0	851	8.0			0.37	1.0		31.1	11.3	23.7
22.0	851	9.0			0.37	1.0		31.1	11.3	23.7
22.0	851	10.0			0.36	0.9		31.1	11.3	23.7
22.0	851	11.0			0.35	0.7		31.1	11.3	23.7
22.0	851	12.0			0.35	0.7		31.1	11.3	23.7
21.0	905	1.0	1.5	0.60	0.40	1.4	1.4	31.1	11.2	23.7
21.0	905	2.0			0.40	1.4		31.1	11.2	23.7
21.0	905	3.0			0.39	1.4		31.1	11.2	23.7
21.0	905	4.0			0.39	1.4		31.1	11.2	23.7
21.0	905	5.0			0.39	1.3		31.1	11.2	23.7
21.0	905	6.0			0.39	1.3		31.1	11.2	23.7
21.0	905	7.0			0.39	1.3		31.1	11.2	23.7
21.0	905	8.0			0.39	1.4		31.1	11.2	23.7
21.0	905	9.0			0.39	1.3		31.1	11.2	23.7
21.0	905	10.0			0.39	1.3		31.1	11.2	23.7
21.0	905	11.0			0.38	1.2		31.1	11.2	23.7
21.0	905	12.0			0.39	1.3		31.1	11.2	23.7
21.0	905	13.0			0.39	1.3		31.1	11.2	23.7
21.0	905	14.0			0.39	1.4		31.1	11.2	23.7
21.0	905	15.0	1.7	0.37	0.39	1.4		31.1	11.2	23.7

Fluorometer Calibration: n r^2 A B Syx
 9 0.15 -4.8 15.82 0.3

LOCATION: North San Francisco Bay
 DATE: December 10, 1991
 JULIAN DAY: 91344

STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
657.0	1619	1.0	1.2	0.57	0.37	1.4	1.7	0.8	9.6	0.3
657.0	1619	2.0			0.37	1.4		0.8	9.6	0.4
657.0	1619	3.0			0.37	1.4		0.9	9.6	0.5
657.0	1619	4.0			0.36	1.4		1.0	9.5	0.5
657.0	1619	5.0			0.36	1.4		1.1	9.5	0.6
657.0	1619	6.0			0.37	1.4		1.1	9.5	0.6
657.0	1619	7.0			0.37	1.5		1.1	9.5	0.6
657.0	1619	8.0	1.1	0.28	0.37	1.4		1.2	9.5	0.7
653.0	1554	1.0			0.38	1.5	1.5	1.3	10.0	0.7
653.0	1554	2.0			0.38	1.5		1.4	9.9	0.8
653.0	1554	3.0			0.38	1.5		1.9	9.9	1.2
653.0	1554	4.0			0.37	1.5		3.1	9.9	2.1
653.0	1554	5.0			0.37	1.4		3.4	9.9	2.3
653.0	1554	6.0			0.36	1.4		3.4	9.9	2.4
653.0	1554	7.0			0.37	1.4		3.4	10.0	2.4
653.0	1554	8.0			0.37	1.4		3.4	10.0	2.4
649.0	1527	1.0			0.33	1.0	1.4	4.7	10.3	3.4
649.0	1527	2.0			0.33	1.0		5.2	10.3	3.7
649.0	1527	3.0			0.32	1.0		5.5	10.3	3.9
649.0	1527	4.0			0.32	1.0		5.5	10.3	4.0
649.0	1527	5.0			0.33	1.0		5.6	10.3	4.0
649.0	1527	6.0			0.33	1.0		5.6	10.3	4.1
649.0	1527	7.0			0.33	1.0		5.7	10.4	4.1
649.0	1527	8.0			0.33	1.1		5.7	10.4	4.1
649.0	1527	9.0			0.33	1.1		5.7	10.4	4.1
649.0	1527	10.0			0.33	1.1		5.7	10.4	4.1
2.0	1500	1.0	0.4	0.27	0.33	1.0	1.4	5.6	10.5	4.1
2.0	1500	2.0			0.33	1.0		5.9	10.4	4.2
2.0	1500	3.0			0.32	1.0		6.2	10.4	4.5
2.0	1500	4.0			0.32	1.0		6.6	10.3	4.8
2.0	1500	5.0			0.32	0.9		7.0	10.3	5.2
2.0	1500	6.0			0.32	0.9		7.7	10.4	5.7
2.0	1500	7.0			0.32	0.9		8.4	10.4	6.2
2.0	1500	8.0			0.32	1.0		8.5	10.4	6.3
2.0	1500	9.0	0.5	0.21	0.32	1.0		8.5	10.4	6.3
3.0	1447	1.0			0.34	1.2	1.4	5.9	10.5	4.3
3.0	1447	2.0			0.34	1.2		6.2	10.5	4.5
3.0	1447	3.0			0.34	1.1		6.6	10.5	4.8
3.0	1447	4.0			0.33	1.1		7.0	10.4	5.1
3.0	1447	5.0			0.33	1.0		7.1	10.3	5.2
3.0	1447	6.0			0.32	1.0		7.4	10.3	5.4
3.0	1447	7.0			0.32	1.0		7.7	10.4	5.7
3.0	1447	8.0			0.32	1.0		8.2	10.4	6.0
3.0	1447	9.0			0.33	1.0		8.9	10.4	6.6
3.0	1447	10.0			0.32	1.0		9.6	10.4	7.1
3.0	1447	11.0			0.32	0.9		9.7	10.4	7.2
4.0	1428	1.0	0.9	0.50	0.33	1.0	1.5	8.5	10.4	6.3
4.0	1428	2.0			0.33	1.0		8.6	10.4	6.4
4.0	1428	3.0			0.33	1.0		8.7	10.4	6.4
4.0	1428	4.0			0.33	1.0		9.1	10.4	6.8
4.0	1428	5.0			0.32	1.0		9.9	10.4	7.4
4.0	1428	6.0			0.32	1.0		10.4	10.4	7.8
4.0	1428	7.0			0.33	1.0		10.5	10.4	7.8
4.0	1428	8.0			0.32	1.0		10.8	10.4	8.0
4.0	1428	9.0			0.33	1.0		11.3	10.4	8.5
4.0	1428	10.0			0.32	1.0		11.7	10.4	8.8
4.0	1428	11.0	1.5	0.79	0.32	0.9		12.0	10.4	9.0
5.0	1410	1.0			0.35	1.2	1.6	10.1	10.5	7.5

LOCATION: North San Francisco Bay
 DATE: December 10, 1991
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STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
5.0	1410	2.0			0.35	1.2		10.4	10.4	7.7
5.0	1410	3.0			0.35	1.2		11.0	10.4	8.2
5.0	1410	4.0			0.34	1.2		11.5	10.3	8.6
5.0	1410	5.0			0.34	1.2		12.6	10.4	9.4
5.0	1410	6.0			0.36	1.3		14.0	10.5	10.5
5.0	1410	7.0			0.37	1.4		14.2	10.5	10.7
5.0	1410	8.0			0.38	1.5		14.2	10.5	10.7
5.0	1410	9.0			0.38	1.5		14.3	10.5	10.7
5.0	1410	10.0			0.39	1.6		14.3	10.5	10.7
6.0	1347	1.0	1.2	0.80	0.37	1.4	1.4	12.4	10.7	9.3
6.0	1347	2.0			0.37	1.4		13.4	10.5	10.1
6.0	1347	3.0			0.36	1.4		14.0	10.5	10.5
6.0	1347	4.0			0.36	1.3		14.2	10.5	10.7
6.0	1347	5.0			0.36	1.3		14.4	10.5	10.9
6.0	1347	6.0			0.36	1.3		15.0	10.5	11.4
6.0	1347	7.0			0.35	1.3		16.2	10.6	12.2
6.0	1347	8.0			0.35	1.3		17.0	10.7	12.9
6.0	1347	9.0			0.36	1.3		17.2	10.7	13.0
6.0	1347	10.0			0.35	1.2		17.3	10.7	13.1
6.0	1347	11.0			0.34	1.1		17.3	10.7	13.1
7.0	1320	1.0			0.35	1.2	1.6	17.5	10.7	13.3
7.0	1320	2.0			0.35	1.2		17.7	10.7	13.4
7.0	1320	3.0			0.35	1.3		17.9	10.7	13.5
7.0	1320	4.0			0.35	1.3		18.1	10.7	13.7
7.0	1320	5.0			0.35	1.2		18.2	10.7	13.8
7.0	1320	6.0			0.35	1.2		18.8	10.7	14.2
7.0	1320	7.0			0.34	1.2		19.2	10.7	14.6
7.0	1320	8.0			0.34	1.1		19.2	10.7	14.6
7.0	1320	9.0			0.34	1.1		19.6	10.8	14.8
7.0	1320	10.0			0.33	1.1		20.1	10.8	15.2
7.0	1320	11.0			0.32	1.0		20.3	10.8	15.4
7.0	1320	12.0			0.32	0.9		20.4	10.8	15.5
7.0	1320	13.0			0.31	0.9		20.6	10.8	15.6
8.0	1300	1.0	2.2	0.79	0.41	1.8	1.6	17.1	10.7	12.9
8.0	1300	2.0			0.41	1.8		17.9	10.6	13.5
8.0	1300	3.0			0.40	1.7		18.9	10.7	14.3
8.0	1300	4.0			0.38	1.5		20.0	10.8	15.2
8.0	1300	5.0			0.37	1.4		20.5	10.8	15.5
8.0	1300	6.0			0.36	1.3		20.6	10.8	15.6
8.0	1300	7.0			0.35	1.3		20.9	10.8	15.9
8.0	1300	8.0			0.35	1.3		22.1	10.8	16.8
8.0	1300	9.0			0.36	1.4		22.5	10.8	17.1
8.0	1300	10.0			0.37	1.4		22.5	10.8	17.1
8.0	1300	11.0			0.36	1.4		22.7	10.8	17.2
8.0	1300	12.0	1.4	0.58	0.35	1.2		22.9	10.8	17.4
9.0	1245	1.0			0.38	1.5	1.4	19.9	11.0	15.0
9.0	1245	2.0			0.38	1.5		20.0	10.9	15.1
9.0	1245	3.0			0.38	1.5		20.1	10.7	15.3
9.0	1245	4.0			0.37	1.4		20.2	10.7	15.3
9.0	1245	5.0			0.36	1.3		20.4	10.7	15.5
9.0	1245	6.0			0.36	1.3		20.5	10.7	15.5
9.0	1245	7.0			0.35	1.3		20.9	10.7	15.9
9.0	1245	8.0			0.35	1.2		21.3	10.8	16.1
9.0	1245	9.0			0.35	1.2		22.1	10.8	16.8
9.0	1245	10.0			0.34	1.1		23.1	10.8	17.6
9.0	1245	11.0			0.33	1.0		23.3	10.8	17.7
9.0	1245	12.0			0.32	1.0		23.5	10.8	17.9
9.0	1245	13.0			0.32	0.9		23.8	10.8	18.1
9.0	1245	14.0			0.31	0.9		23.9	10.8	18.1
9.0	1245	15.0			0.32	0.9		23.9	10.8	18.2

LOCATION: North San Francisco Bay
 DATE: December 10, 1991
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STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
9.0	1245	16.0			0.31	0.9		23.9	10.8	18.2
9.0	1245	17.0			0.31	0.9		23.9	10.8	18.2
9.0	1245	18.0			0.31	0.8		23.9	10.8	18.2
9.0	1245	19.0			0.31	0.8		24.0	10.8	18.2
10.0	1227	1.0	0.9	0.39	0.36	1.3	1.5	20.6	11.0	15.6
10.0	1227	2.0			0.36	1.3		21.0	10.8	15.9
10.0	1227	3.0			0.35	1.2		21.7	10.8	16.5
10.0	1227	4.0			0.34	1.2		22.1	10.8	16.8
10.0	1227	5.0			0.34	1.1		22.4	10.8	17.0
10.0	1227	6.0			0.34	1.1		22.8	10.8	17.3
10.0	1227	7.0			0.34	1.1		23.1	10.8	17.6
10.0	1227	8.0			0.35	1.2		23.6	10.8	18.0
10.0	1227	9.0			0.35	1.2		23.9	10.8	18.2
10.0	1227	10.0			0.34	1.2		24.5	10.8	18.7
10.0	1227	11.0			0.33	1.1		25.0	10.8	19.1
10.0	1227	12.0			0.33	1.0		25.1	10.8	19.1
10.0	1227	13.0			0.35	1.2		25.2	10.8	19.2
10.0	1227	14.0			0.33	1.0		25.2	10.8	19.2
10.0	1227	15.0			0.35	1.3		25.2	10.8	19.2
10.0	1227	16.0	1.1	0.21	0.35	1.2		25.2	10.8	19.2
11.0	1207	1.0			0.36	1.3	1.5	21.9	10.9	16.6
11.0	1207	2.0			0.36	1.3		21.8	10.9	16.5
11.0	1207	3.0			0.35	1.3		22.3	10.8	17.0
11.0	1207	4.0			0.35	1.2		24.4	10.7	18.6
11.0	1207	5.0			0.34	1.2		25.3	10.8	19.3
11.0	1207	6.0			0.34	1.2		25.5	10.8	19.4
11.0	1207	7.0			0.34	1.2		25.7	10.8	19.5
11.0	1207	8.0			0.35	1.2		26.0	10.9	19.8
11.0	1207	9.0			0.35	1.2		26.2	10.9	20.0
11.0	1207	10.0			0.35	1.2		26.4	10.9	20.1
11.0	1207	11.0			0.33	1.1		26.7	10.9	20.3
11.0	1207	12.0			0.33	1.0		27.3	10.9	20.8
11.0	1207	13.0			0.35	1.2		27.5	11.0	20.9
11.0	1207	14.0			0.36	1.3		27.5	11.0	21.0
11.0	1207	15.0			0.37	1.4		27.6	11.0	21.0
11.0	1207	16.0			0.38	1.5		27.6	11.0	21.0
13.0	1132	1.0			0.41	1.8	1.4	25.9	10.8	19.7
13.0	1132	2.0			0.41	1.8		27.1	10.9	20.7
13.0	1132	3.0			0.40	1.7		28.0	10.9	21.4
13.0	1132	4.0			0.39	1.6		28.4	11.0	21.7
13.0	1132	5.0			0.39	1.6		28.8	11.0	21.9
13.0	1132	6.0			0.40	1.7		28.9	11.0	22.0
13.0	1132	7.0			0.40	1.7		28.9	11.0	22.0
13.0	1132	8.0			0.41	1.8		28.9	11.0	22.0
15.0	1101	1.0			0.44	2.1	1.5	28.0	10.8	21.4
15.0	1101	2.0			0.44	2.1		28.2	10.8	21.5
15.0	1101	3.0			0.43	2.0		28.6	10.9	21.8
15.0	1101	4.0			0.42	1.9		28.8	10.9	22.0
15.0	1101	5.0			0.42	1.8		29.0	10.9	22.1
15.0	1101	6.0			0.41	1.8		29.3	10.9	22.3
15.0	1101	7.0			0.41	1.8		29.7	11.0	22.7
15.0	1101	8.0			0.40	1.7		29.8	11.0	22.8
15.0	1101	9.0			0.40	1.7		29.9	11.0	22.8
15.0	1101	10.0			0.40	1.7		30.1	11.0	22.9
15.0	1101	11.0			0.40	1.7		30.2	11.0	23.1
15.0	1101	12.0			0.40	1.7		30.5	11.1	23.3
15.0	1101	13.0			0.40	1.7		30.6	11.1	23.3
15.0	1101	14.0			0.40	1.7		30.6	11.1	23.3
15.0	1101	15.0			0.40	1.7		30.6	11.1	23.3
15.0	1101	16.0			0.40	1.7		30.6	11.1	23.3

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STN	TIME	DEPTH	DISCR CHL a	CHLa/ a+PHA	FLUOR	CALC CHL a	EXCOF	SALIN	TEMP	SIGMT
15.0	1101	17.0			0.40	1.7		30.6	11.1	23.3
15.0	1101	18.0			0.40	1.7		30.6	11.1	23.3
15.0	1101	19.0	2.2	0.31	0.40	1.7		30.6	11.1	23.3
18.0	939	1.0	1.6	0.70	0.40	1.7	1.0	31.1	11.0	23.7
18.0	939	2.0			0.40	1.7		31.1	11.0	23.8
18.0	939	3.0			0.41	1.8		31.1	11.0	23.8
18.0	939	4.0			0.41	1.8		31.2	11.1	23.8
18.0	939	5.0			0.40	1.7		31.3	11.1	23.9
18.0	939	6.0			0.39	1.6		31.5	11.1	24.0
18.0	939	7.0			0.38	1.5		31.5	11.1	24.0
18.0	939	8.0			0.38	1.5		31.5	11.1	24.0
18.0	939	9.0			0.37	1.4		31.5	11.1	24.0
18.0	939	10.0			0.36	1.3		31.5	11.0	24.0
18.0	939	11.0			0.35	1.2		31.5	11.0	24.0
18.0	939	12.0			0.34	1.1		31.5	11.0	24.0
18.0	939	13.0			0.33	1.0		31.5	11.0	24.0
18.0	939	14.0			0.33	1.0		31.5	11.0	24.1
18.0	939	15.0			0.34	1.1		31.6	11.0	24.1
18.0	939	16.0			0.32	1.0		31.8	11.0	24.3
18.0	939	17.0			0.33	1.1		31.9	11.0	24.4
18.0	939	18.0			0.32	0.9		31.9	11.0	24.4
18.0	939	19.0			0.33	1.0		31.9	11.0	24.4
18.0	939	20.0			0.32	0.9		31.9	11.0	24.4
18.0	939	21.0			0.31	0.9		31.9	11.0	24.4
18.0	939	22.0			0.31	0.9		31.9	11.0	24.4
18.0	939	23.0			0.31	0.8		32.0	11.0	24.4
18.0	939	24.0			0.31	0.8		32.0	11.0	24.4
18.0	939	25.0			0.31	0.9		32.0	11.0	24.4
18.0	939	26.0			0.31	0.9		32.0	11.1	24.4
18.0	939	27.0			0.31	0.8		32.0	11.1	24.4
18.0	939	28.0			0.31	0.8		32.0	11.1	24.4
18.0	939	29.0			0.30	0.8		32.0	11.1	24.4
18.0	939	30.0			0.33	1.0		32.0	11.1	24.4
18.0	939	31.0			0.32	0.9		32.0	11.1	24.4
18.0	939	32.0			0.32	0.9		32.0	11.1	24.4
18.0	939	33.0			0.31	0.9		32.0	11.1	24.4
18.0	939	34.0			0.33	1.0		32.0	11.1	24.4
18.0	939	35.0			0.31	0.9		32.0	11.1	24.4
18.0	939	36.0			0.31	0.9		32.0	11.1	24.4
18.0	939	37.0			0.31	0.8		32.0	11.1	24.4
18.0	939	38.0			0.32	1.0		32.0	11.1	24.4
18.0	939	39.0	1.8	0.50	0.31	0.9		32.0	11.1	24.4

Fluorometer Calibration: n r^2 A B Syx
 14 0.32 -2.0 9.29 0.5