

Studies of the San Francisco Bay, California, Estuarine Ecosystem

Rec'd
5/28/98



***Regional
monitoring
program
results,
1997***

BY

**Jelriza I. Baylosis, Brian E. Cole,
and James E. Cloern**

Open-File Report 98-168
Menlo Park, California

US Department of the Interior
US Geological Survey



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CONVERSION FACTORS

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

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

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

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ABSTRACT

As part of a regional monitoring program, water samples were collected in the San Francisco Bay estuary during 20 cruises from January through November 1997. Conductivity, temperature, light attenuation, turbidity, oxygen, and *in-vivo* chlorophyll fluorescence were measured longitudinally and vertically in the main channel of the estuary from south of the Dumbarton Bridge in the southern part of the Bay to Rio Vista on the Sacramento River. Discrete water samples were analyzed for chlorophyll a, phaeopigments, suspended particulate matter, and dissolved oxygen. Water density was calculated from salinity, temperature, and pressure (depth), and is included in the data summaries.

INTRODUCTION

A major goal of the San Francisco Estuary Project's Comprehensive Conservation and Management Plan (CCMP) is "to improve the scientific basis for managing natural resources within the estuary through an effective monitoring and research program" (San Francisco Estuary Project Management Committee, 1994). The CCMP more specifically recommends the development and implementation of a regional monitoring strategy to integrate and expand upon existing efforts and to eventually be part of a comprehensive San Francisco Bay Regional Monitoring Program (RMP). The first version of a regional monitoring strategy was eventually developed and implemented as the Regional Monitoring Program for Trace Substances. This program is a multi-component sampling program designed to provide information on status and trends of water quality and trace substances in the San Francisco Bay-Delta Estuary. One of the components is a sampling program conducted by the U.S. Geological Survey (USGS) to characterize the seasonal distributions of water quality along the entire Bay-Delta estuary. This report provides results of that program for 1997.

A regional monitoring program must cover many types of resources, including pelagic and benthic channel habitats, shoal habitat, wetlands, river channels, sloughs, and small bays and harbors. The USGS component of the RMP focuses on the pelagic channel habitat. The objective of this component is to provide a high-resolution description of basic constituents of water quality, which can be used along with other information to determine the suitability of habitat for aquatic resources and provide a context for understanding the dynamic changes in trace substances and their effects. Measurements of physical (salinity, temperature, suspended particulate matter, and light penetration), chemical (dissolved oxygen), and biological characteristics (chlorophyll a) are included in this report. The purpose of this document is to provide a comprehensive listing of the 1997 results. An interpretive analysis, based on these data, will be published in the 1997 RMP Annual Report. All data in this report can be viewed and accessed over the Internet, at the following URL: <http://sfbay.wr.usgs.gov/access/wqdata>

Samples were collected throughout San Francisco Bay monthly from January through November 1997. During January, February, March, and April when a phytoplankton bloom was expected in South Bay (stations 21 through 36), the frequency of cruises in South Bay was increased to 2-4 cruises each month. Sampling sites are shown in figure 1, their locations and water depth are identified in table 1, and the sampling dates are listed in table 2. A Sea-Bird Electronics conductivity-temperature-depth (CTD) data acquisition system, Sea Tech *in-situ* fluorometer, Sea-Bird Electronics oxygen sensor, D & A Instruments optical backscatter sensor (OBS), and LI-COR quantum sensor were used to measure vertical distributions of conductivity (salinity), temperature, chlorophyll fluorescence, oxygen concentration, turbidity, and solar irradiance, respectively, at each station. Discrete chlorophyll a, oxygen, and suspended particulate samples were also collected at selected sites to calibrate the fluorometer, oxygen sensor, and OBS sensor on each sampling date.

Acknowledgments

This measurement program was supported primarily by the U.S. Geological Survey Toxic Substances Hydrology Program. Additional support was provided by participants in the Regional Monitoring Program for Trace Substances, including municipal and industrial dischargers, cooling water and storm water dischargers, and dredgers. We thank these participants for their financial support and their foresight in appreciating the need to view the Estuary as a whole and to manage it on a regional basis. We also acknowledge the Regional Water Quality Control Board for its oversight and coordination of the Regional Monitoring Program, and the San Francisco Estuary Institute for its essential role in management of that program.

METHODS

Sampling System

In-situ measurements were made from the USGS Research Vessel *Polaris* with a high speed data acquisition system. At each station, a Sea-Bird Electronics (SBE) underwater unit (SBE-9) was lowered through the water column. Attached to the data acquisition unit were the following sensors: SBE-4 conductivity sensor, SBE-3 temperature probe, Paroscientific digiquartz pressure transducer, Sea Tech *in-vivo* fluorometer, SBE-13 oxygen sensor, D&A Instruments OBS-3 optical backscatter sensor, and LI-COR Instruments 192S quantum sensor. With this instrument package, vertical distributions of conductivity, temperature, depth (pressure), chlorophyll fluorescence, oxygen concentration, turbidity, and solar radiance (photon flux density) were measured throughout the water column.

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

The conductivity sensor was a 2-terminal, 3 electrode (platinum), flow-through sensor. This sensor was accurate within 0.0004 Siemens per meter and had a resolution of 5×10^{-5} Siemens per meter (Sea-Bird Electronics). Temperature (TEMP) was measured with a Wien Bridge type resistance thermistor. This sensor was accurate to ± 0.002 °C and had a resolution of 0.0005 °C (Sea-Bird Electronics). The conductivity and temperature probes were recalibrated in December 1996 at the Sea-Bird Electronics Calibration Center, Bellevue, Washington. Values for salinity

(SALIN) were calculated from conductivity and temperature using the algorithm supplied with the Sea-Bird Electronics software, based on the equations of Millero and others (1981) and Millero and Poisson (1981). Water density, as sigma-theta (SIGT), derived from salinity, temperature, and pressure, was also calculated with the Sea-Bird software package. Calculations of sigma-t were based on the equations of Fofonoff and Millard (1983). Sampling depths (DEPTH), derived from changes in pressure measured by the Paroscientific digiquartz transducer, were accurate within 0.01 meter.

Chlorophyll a fluorescence was measured with a Sea Tech submersible pulsed-light fluorometer, which had a flash rate of 5 times per second. Because the sampling rate of the fluorometer was about one fifth that of the Sea-Bird underwater unit (5 times per second as compared with 24 times per second), the fluorescence data reported here are 3-meter running averages of the measured values in order to smooth the variability associated with this mismatch of sampling frequencies. Hence, the vertical resolution of chlorophyll a fluorescence reported here was about 3 meters.

Dissolved oxygen concentrations (OXYG) were measured with an SBE-13 oxygen electrode that contains a Beckman polarographic element. The electrode had a mean accuracy of 0.14 mg O₂ per liter, compared with the discrete measurements described below. Dissolved oxygen concentration was calculated with the Sea-Bird software package, based on the equation of Owens and Millard (1985).

Optical backscatter, or turbidity, was measured using a D & A Instruments OBS-3 sensor which had an 875 nm infrared source and silicon photodetectors. During the months of August, September and October the OBS sensor was calibrated to accomodate a wider range of turbidity. This accounts for the difference in sensitivity of the OBS sensor during these months compared to the rest of the year.

Visible light was measured with a LI-COR 192S quantum sensor sensitive to photosynthetically active radiation (400-700 nm). The light extinction coefficient (EXCOF) was

calculated as the slope of the least-squares regression of the natural logarithm of irradiance ($\ln(I_z)$) against the depth (Z) where the irradiance was measured.

Discrete Analyses

Discrete water samples for chlorophyll a, phaeopigments, dissolved oxygen, and suspended particulate matter (SPM) were collected at selected stations coincident with the lowering of the submersible instrument package. Water samples were collected from 1 meter above the bottom with a Niskin water sampling bottle and from 2 meters below the surface through a centrifugal pump with an intake at the ship's bow. Each discrete sample for chlorophyll a (DISCR CHL a) and phaeopigments (PHA) was filtered at less than 12 cm Hg vacuum onto a Gelman A/E glass fiber filter and immediately frozen. The cold air-dried filter was ground in 90 percent acetone. After extraction for 12-24 hours at -5 to -10 °C, samples were centrifuged and absorbances of the extracts were determined on a Hewlett Packard 8452A diode array spectrophotometer. The acetone extracts were acidified to measure phaeopigments (Riemann, 1978). Chlorophyll a and phaeopigment concentrations were calculated using Lorenzen's (1967) equations.

Dissolved oxygen concentrations (DISCR OXYG) were measured in water collected from the bow pump into 300 mL biological oxygen demand (BOD) bottles. The bottles were filled from the bottom and allowed to overflow for approximately 30 seconds. Winkler reagents (Strickland and Parsons, 1972) were added immediately and bottles were stored with water in their cap wells and covered by a snap-fit plastic cap. Before beginning the titrations, the samples were acidified and 100.2 mL of sample was collected by autopipette. The sample was titrated with 0.01 N sodium thiosulfate dispensed by a Metrohm autotitrator using the potentiometric titration method of Granéli and Granéli (1991). Potassium iodate standardization of the sodium thiosulfate was conducted under identical procedures to eliminate problems associated with iodine volatilization (Knapp and others, 1991). Standard normalities were determined separately for each new preparation of sodium thiosulfate.

Suspended particulate matter (DISCR SPM) was measured gravimetrically, as described by Hager (1994). Between 0.10 -1.0 L of water were filtered onto preweighed 0.4- μ m pore size polycarbonate membrane filters and allowed to air dry for 48-72 hrs. Filters were then reweighed and a correction for salt on the filters was made to calculate the concentration of suspended particulate matter.

Instrument Calibration

Estimates of chlorophyll a at each depth were derived from linear regressions of measured chlorophyll a (DISCR CHL a) against fluorescence (FLUOR). The slope (B) and intercept (A) from the regressions were used to calculate chlorophyll a concentrations (CALC CHL a) from the fluorescence values ($\text{CALC CHL a} = A + B \times \text{FLUOR}$). If calculated chlorophyll a was less than or equal to zero or if the output voltage (fluorescence) was less than 0.2, the result was not printed. Regression coefficients are presented at the end of each daily data summary. The coefficient of determination (r^2) indicates the strength of the linear relation between discrete chlorophyll a and fluorescence. Caution needs to be exercised in using calculated chlorophyll a values when this coefficient is less than 0.70. Also note that some of the regressions resulted in nonzero intercepts, which indicate that there was fluorescence in the water not associated with particulate chlorophyll a. Calculated chlorophyll a concentration divided by discrete chlorophyll a plus phaeopigment concentration ($[\text{CALC CHL a}]/[\text{DISCR CHL a} + \text{PHA}]$) gives the proportion of active chlorophyll a to total pigments ($\text{CHL a} / \text{a} + \text{PHA}$), including chlorophyll degradation products.

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

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

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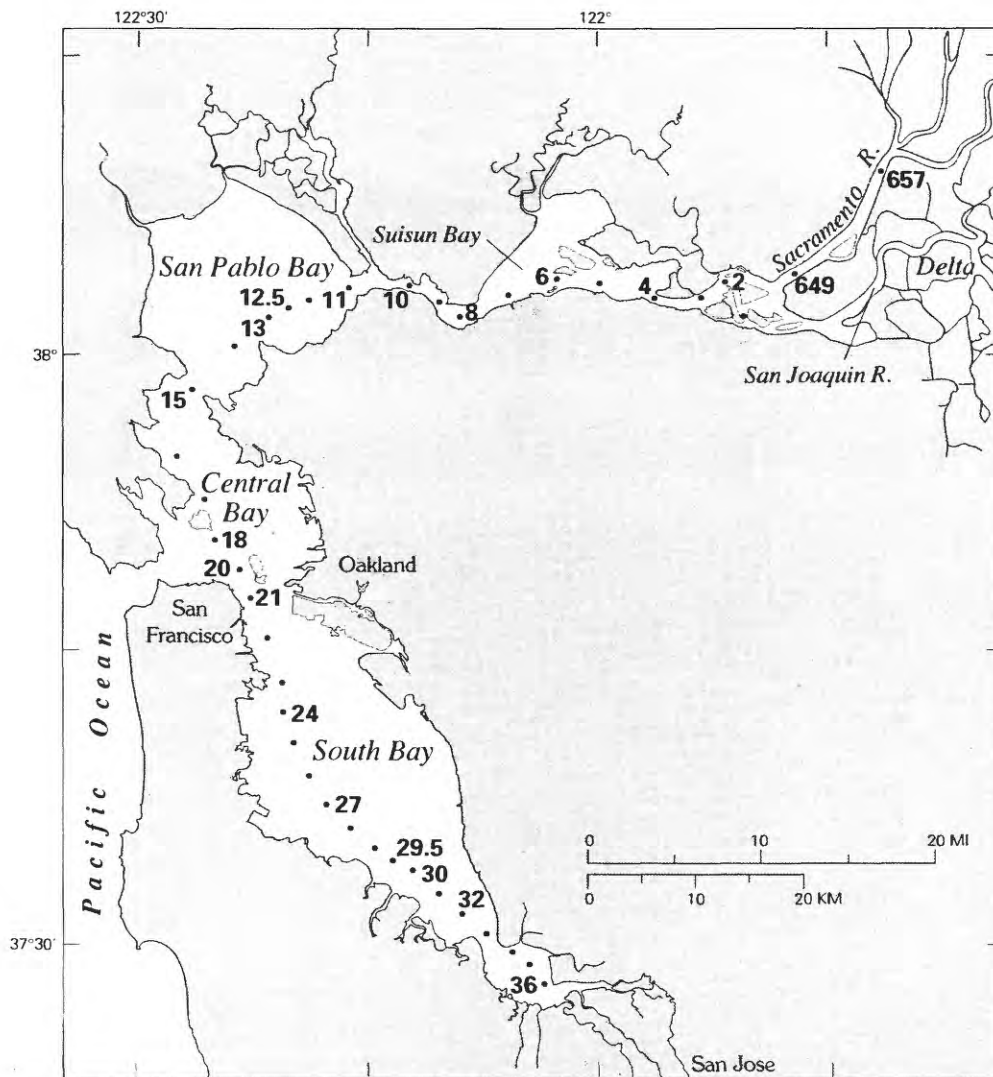


Fig 1 – Map of San Francisco Bay estuary showing locations of water sampling stations
(See table 1 for identification of station)

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

| Station Number | General Location | North Latitude | West Longitude | Depth, in meters, at mean low water |
|----------------|--------------------|----------------|----------------|-------------------------------------|
| 657 | Rio Vista | 38° 8.9' | 121° 41.3' | 10.1 |
| 649 | Sacramento River | 3.7' | 48.0' | 10.1 |
| 2 | Chain Island | 3.8' | 51.3' | 11.3 |
| 3 | Pittsburg | 3.0' | 52.7' | 11.3 |
| 4 | Simmons Point | 2.9' | 56.1' | 11.6 |
| 5 | Middle Ground | 3.6' | 58.8' | 9.8 |
| 6 | Roe Island | 3.9' | 122° 2.1' | 10.1 |
| 7 | Avon Pier | 2.9' | 5.8' | 11.6 |
| 8 | Martinez | 1.8' | 9.1' | 14.3 |
| 9 | Benicia | 3.0' | 10.4' | 34.4 |
| 10 | Crockett | 3.6' | 12.5' | 17.7 |
| 11 | Mare Island | 3.7' | 15.8' | 15.5 |
| 12 | Pinole Shoal | 3.1' | 18.7' | 8.8 |
| 12.5 | Pinole Point | 2.4' | 18.9' | 6.7 |
| 13 | N. of Pinole Point | 1.7' | 22.2' | 9.8 |

| Station Number | General Location | North Latitude | West Longitude | Depth, in meters, at mean low water |
|----------------|------------------------|----------------|----------------|-------------------------------------|
| 14 | "Echo" Buoy | 0.4' | 24.3' | 13.1 |
| 15 | Point San Pablo | 37° 58.5' | 122° 26.2' | 22.9 |
| 16 | "Charlie" Buoy | 54.9' | 26.8' | 12.8 |
| 17 | Central Bay Deep | 50.8' | 24.7' | 25.0 |
| 18 | Point Blunt | 50.8' | 25.3' | 43.0 |
| 20 | Blossom Rock | 49.2' | 23.6' | 18.2 |
| 21 | Bay Bridge | 47.3' | 21.5' | 17.4 |
| 22 | Potrero Point | 45.9' | 21.5' | 18.0 |
| 23 | Hunter's Point | 43.7' | 20.2' | 20.1 |
| 24 | Candlestick Point | 41.9' | 20.3' | 11.0 |
| 25 | Oyster Point | 40.2' | 19.5' | 8.8 |
| 26 | San Bruno Shoal | 38.1' | 18.8' | 9.8 |
| 27 | San Francisco Airport | 37.1' | 17.5' | 13.0 |
| 28 | N. of San Mateo Bridge | 36.1' | 16.2' | 16.2 |
| 29 | S. of San Mateo Bridge | 34.8' | 14.7' | 14.6 |
| 29.5 | Steinberger Slough | 34.1' | 13.1' | 14.6 |

| Station Number | General Location | North Latitude | West Longitude | Depth, in meters, at mean low water |
|----------------|------------------------|----------------|----------------|-------------------------------------|
| 30 | Redwood Creek Entrance | 33.3' | 11.4' | 12.8 |
| 31 | Coyote Hills | 31.7' | 9.5' | 13.7 |
| 32 | Ravenswood Point | 31.1" | 8.0" | 12.8 |
| 33 | Dumbarton Bridge | 37° 30.5' | 122° 7.3' | 11.6 |
| 34 | Newark Slough | 29.7' | 5.6' | 7.9 |
| 35 | Mowry Slough | 28.8' | 4.8' | 8.5 |
| 36 | Calaveras Point | 28.3' | 3.9' | 7.9 |

Table 2 - Dates of Cruises and Stations Occupied in 1997

South Bay

 CTD cast

 No data

| DATE | | STATION | | | | | | | | | | | | | | | | | |
|-------|-----|---------|----|----|----|----|----|----|------|----|----|----|----|----|----|----|----|----|--|
| MONTH | DAY | 36 | 35 | 34 | 33 | 32 | 31 | 30 | 29.5 | 29 | 28 | 27 | 26 | 25 | 24 | 23 | 22 | 21 | |
| JAN | 13 | | | | | | | | | | | | | | | | | | |
| | 28 | | | | | | | | | | | | | | | | | | |
| FEB | 14 | | | | | | | | | | | | | | | | | | |
| | 19 | | | | | | | | | | | | | | | | | | |
| | 26 | | | | | | | | | | | | | | | | | | |
| MAR | 6 | | | | | | | | | | | | | | | | | | |
| | 11 | | | | | | | | | | | | | | | | | | |
| | 17 | | | | | | | | | | | | | | | | | | |
| | 25 | | | | | | | | | | | | | | | | | | |
| APR | 1 | | | | | | | | | | | | | | | | | | |
| | 10 | | | | | | | | | | | | | | | | | | |
| | 22 | | | | | | | | | | | | | | | | | | |
| | 30 | | | | | | | | | | | | | | | | | | |
| MAY | 14 | | | | | | | | | | | | | | | | | | |
| JUN | 10 | | | | | | | | | | | | | | | | | | |
| JUL | 15 | | | | | | | | | | | | | | | | | | |
| AUG | 5 | | | | | | | | | | | | | | | | | | |
| SEP | 9 | | | | | | | | | | | | | | | | | | |
| OCT | 7 | | | | | | | | | | | | | | | | | | |
| NOV | 6 | | | | | | | | | | | | | | | | | | |

North Bay

| DATE | | STATION | | | | | | | | | | | | | | | | | | | | |
|-------|-----|---------|-----|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----------------|
| MONTH | DAY | 657 | 649 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 20 | Other Stations |
| JAN | 13 | | | | | | | | | | | | | | | | | | | | | 12.5 |
| JAN | 28 | | | | | | | | | | | | | | | | | | | | | |
| FEB | 26 | | | | | | | | | | | | | | | | | | | | | |
| APR | 1 | | | | | | | | | | | | | | | | | | | | | |
| APR | 22 | | | | | | | | | | | | | | | | | | | | | |
| MAY | 14 | | | | | | | | | | | | | | | | | | | | | |
| JUN | 10 | | | | | | | | | | | | | | | | | | | | | |
| JUL | 15 | | | | | | | | | | | | | | | | | | | | | |
| AUG | 5 | | | | | | | | | | | | | | | | | | | | | |
| SEP | 9 | | | | | | | | | | | | | | | | | | | | | |
| OCT | 7 | | | | | | | | | | | | | | | | | | | | | |
| NOV | 6 | | | | | | | | | | | | | | | | | | | | | |

APPENDIX A

Data Summaries of Hydrographic Properties

Explanation of Abbreviations and Units

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

North San Francisco Bay

January 13, 1997

97013

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-------------|-------|-------|------|------|
| 9.0 | 1519 | 1.0 | | | 0.23 | 0.6 | | 10.2 | 10.4 | 89 | | 2.80 | 112 | 7.8 | 0.07 | 8.45 | 0.00 |
| 9.0 | 1519 | 2.0 | 0.7 | 0.37 | 0.23 | 0.6 | | 10.1 | 10.4 | 89 | 106.7 | 2.66 | 107 | | 0.07 | 8.45 | 0.00 |
| 9.0 | 1519 | 3.0 | | | 0.23 | 0.6 | | 10.1 | 10.4 | 89 | | 2.69 | 107 | | 0.07 | 8.44 | 0.00 |
| 9.0 | 1519 | 4.0 | | | 0.23 | 0.6 | | 10.1 | 10.4 | 89 | | 2.74 | 110 | | 0.07 | 8.42 | 0.00 |
| 9.0 | 1519 | 5.0 | | | 0.23 | 0.6 | | 10.2 | 10.4 | 89 | | 2.78 | 111 | | 0.07 | 8.42 | 0.00 |
| 9.0 | 1519 | 6.0 | | | 0.23 | 0.6 | | 10.2 | 10.4 | 89 | | 2.81 | 112 | | 0.07 | 8.43 | 0.00 |
| 9.0 | 1519 | 7.0 | | | 0.22 | 0.6 | | 10.2 | 10.4 | 89 | | 2.82 | 113 | | 0.07 | 8.42 | 0.00 |
| 9.0 | 1519 | 8.0 | | | 0.23 | 0.6 | | 10.2 | 10.4 | 89 | | 2.92 | 116 | | 0.07 | 8.42 | 0.00 |
| 9.0 | 1519 | 9.0 | | | 0.22 | 0.6 | | 10.1 | 10.4 | 89 | | 2.90 | 116 | | 0.07 | 8.42 | 0.00 |
| 9.0 | 1519 | 10.0 | | | 0.22 | 0.6 | | 10.2 | 10.4 | 89 | | 2.96 | 118 | | 0.07 | 8.40 | 0.00 |
| 9.0 | 1519 | 11.0 | | | 0.22 | 0.6 | | 10.2 | 10.4 | 89 | | 3.00 | 119 | | 0.07 | 8.40 | 0.00 |
| 9.0 | 1519 | 12.0 | | | 0.23 | 0.6 | | 10.2 | 10.4 | 89 | | 2.97 | 118 | | 0.07 | 8.41 | 0.00 |
| 9.0 | 1519 | 13.0 | | | 0.23 | 0.6 | | 10.2 | 10.4 | 89 | | 2.95 | 118 | | 0.07 | 8.41 | 0.00 |
| 9.0 | 1519 | 14.0 | | | 0.23 | 0.6 | | 10.2 | 10.4 | 89 | | 2.94 | 117 | | 0.07 | 8.41 | 0.00 |
| 9.0 | 1519 | 15.0 | | | 0.23 | 0.6 | | 10.2 | 10.4 | 89 | | 3.00 | 119 | | 0.07 | 8.41 | 0.00 |
| 9.0 | 1519 | 16.0 | | | 0.22 | 0.6 | | 10.2 | 10.4 | 89 | | 2.95 | 117 | | 0.07 | 8.41 | 0.00 |
| 9.0 | 1519 | 17.0 | | | 0.22 | 0.6 | | 10.2 | 10.4 | 89 | | 2.93 | 117 | | 0.07 | 8.41 | 0.00 |
| 9.0 | 1519 | 18.0 | | | 0.23 | 0.6 | | 10.2 | 10.4 | 89 | | 2.94 | 117 | | 0.07 | 8.41 | 0.00 |
| 9.0 | 1519 | 19.0 | | | 0.23 | 0.6 | | 10.2 | 10.4 | 89 | | 2.91 | 116 | | 0.07 | 8.41 | 0.00 |
| 9.0 | 1519 | 20.0 | | | 0.22 | 0.6 | | 10.2 | 10.4 | 89 | | 2.90 | 115 | | 0.07 | 8.40 | 0.00 |
| 9.0 | 1519 | 21.0 | | | 0.22 | 0.6 | | 10.2 | 10.4 | 89 | | 2.93 | 117 | | 0.07 | 8.40 | 0.00 |
| 9.0 | 1519 | 22.0 | | | 0.22 | 0.6 | | 10.2 | 10.4 | 89 | | 2.96 | 118 | | 0.07 | 8.40 | 0.00 |
| 9.0 | 1519 | 23.0 | | | 0.22 | 0.6 | | 10.2 | 10.4 | 89 | | 2.97 | 118 | | 0.07 | 8.40 | 0.00 |
| 9.0 | 1519 | 24.0 | | | 0.23 | 0.6 | | 10.2 | 10.4 | 89 | | 2.93 | 117 | | 0.07 | 8.40 | 0.00 |
| 9.0 | 1519 | 25.0 | | | 0.23 | 0.6 | | 10.2 | 10.4 | 89 | | 2.94 | 117 | | 0.07 | 8.40 | 0.00 |
| 9.0 | 1519 | 26.0 | | | 0.23 | 0.6 | | 10.2 | 10.4 | 89 | | 2.89 | 115 | | 0.07 | 8.39 | 0.00 |
| 9.0 | 1519 | 27.0 | 0.5 | 0.26 | 0.22 | 0.6 | | 10.2 | 10.4 | 89 | | 2.90 | 115 | | 0.07 | 8.39 | 0.00 |
| 10.0 | 1505 | 1.0 | | | 0.22 | 0.6 | | 10.3 | 10.5 | 90 | | 2.79 | 111 | | 0.07 | 8.44 | 0.00 |
| 10.0 | 1505 | 2.0 | | | 0.22 | 0.6 | | 10.4 | 10.5 | 90 | | 2.80 | 112 | | 0.07 | 8.44 | 0.00 |
| 10.0 | 1505 | 3.0 | | | 0.23 | 0.6 | | 10.5 | 10.6 | 90 | | 2.77 | 110 | | 0.07 | 8.44 | 0.00 |
| 10.0 | 1505 | 4.0 | | | 0.23 | 0.6 | | 10.5 | 10.6 | 90 | | 2.80 | 112 | | 0.07 | 8.44 | 0.00 |
| 10.0 | 1505 | 5.0 | | | 0.22 | 0.6 | | 10.5 | 10.6 | 90 | | 2.68 | 107 | | 0.07 | 8.44 | 0.00 |
| 10.0 | 1505 | 6.0 | | | 0.23 | 0.6 | | 10.5 | 10.6 | 90 | | 2.74 | 110 | | 0.07 | 8.44 | 0.00 |
| 10.0 | 1505 | 7.0 | | | 0.23 | 0.6 | | 10.5 | 10.6 | 90 | | 2.80 | 112 | | 0.07 | 8.44 | 0.00 |
| 10.0 | 1505 | 8.0 | | | 0.23 | 0.6 | | 10.5 | 10.6 | 90 | | 2.76 | 110 | | 0.07 | 8.45 | 0.00 |
| 10.0 | 1505 | 9.0 | | | 0.23 | 0.6 | | 10.4 | 10.5 | 90 | | 2.71 | 108 | | 0.07 | 8.43 | 0.00 |
| 10.0 | 1505 | 10.0 | | | 0.22 | 0.6 | | 10.4 | 10.5 | 90 | | 2.76 | 110 | | 0.07 | 8.42 | 0.00 |
| 10.0 | 1505 | 11.0 | | | 0.22 | 0.6 | | 10.4 | 10.5 | 90 | | 2.70 | 108 | | 0.07 | 8.42 | 0.00 |
| 10.0 | 1505 | 12.0 | | | 0.22 | 0.6 | | 10.4 | 10.5 | 90 | | 2.85 | 114 | | 0.07 | 8.41 | 0.00 |
| 10.0 | 1505 | 13.0 | | | 0.22 | 0.6 | | 10.4 | 10.5 | 90 | | 2.84 | 113 | | 0.07 | 8.40 | 0.00 |
| 10.0 | 1505 | 14.0 | | | 0.22 | 0.6 | | 10.4 | 10.5 | 90 | | 2.89 | 115 | | 0.07 | 8.40 | 0.00 |
| 10.0 | 1505 | 15.0 | | | 0.22 | 0.6 | | 10.4 | 10.5 | 90 | | 2.86 | 114 | | 0.07 | 8.40 | 0.00 |

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January 13, 1997

North San Francisco Bay

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|-------|-------------|-------|-------|-------|-------|
| 15.0 | 1319 | 14.0 | | | 0.21 | 0.5 | | 9.4 | 9.9 | 99 | | 2.81 | 112 | | 16.66 | 10.62 | 12.59 |
| 15.0 | 1319 | 15.0 | | | 0.21 | 0.5 | | 9.2 | 9.8 | 99 | | 3.09 | 123 | | 18.13 | 10.90 | 13.69 |
| 15.0 | 1319 | 16.0 | | | 0.21 | 0.5 | | 9.1 | 9.7 | 99 | | 3.13 | 124 | | 18.84 | 11.01 | 14.23 |
| 15.0 | 1319 | 17.0 | | | 0.21 | 0.5 | | 9.0 | 9.7 | 99 | | 3.22 | 128 | | 19.36 | 11.10 | 14.62 |
| 15.0 | 1319 | 18.0 | | | 0.22 | 0.6 | | 8.9 | 9.6 | 99 | | 3.60 | 143 | | 19.83 | 11.18 | 14.97 |
| 15.0 | 1319 | 19.0 | | | 0.23 | 0.7 | | 8.9 | 9.6 | 99 | | 4.76 | 187 | | 20.08 | 11.22 | 15.15 |
| 15.0 | 1319 | 20.0 | | | 0.25 | 0.9 | | 8.8 | 9.6 | 100 | | 7.02 | 274 | | 20.56 | 11.32 | 15.51 |
| 15.0 | 1319 | 21.0 | | | 0.27 | 1.0 | | 8.8 | 9.5 | 100 | | 9.41 | 366 | | 21.04 | 11.40 | 15.87 |
| 15.0 | 1319 | 22.0 | | | 0.27 | 1.1 | | 8.7 | 9.5 | 100 | | 9.99 | 388 | | 21.35 | 11.45 | 16.10 |
| 15.0 | 1319 | 23.0 | | | 0.28 | 1.1 | | 8.6 | 9.4 | 99 | | 10.00 | 388 | | 21.57 | 11.49 | 16.26 |
| 15.0 | 1319 | 24.0 | 1.2 | 0.11 | 0.28 | 1.1 | | 8.6 | 9.4 | 99 | | 10.00 | 388 | | 21.61 | 11.50 | 16.29 |
| 16.0 | 1254 | 1.0 | | | 0.22 | 0.6 | | 9.1 | 9.7 | 85 | | 2.23 | 90 | 6.2 | 1.93 | 8.68 | 1.33 |
| 16.0 | 1254 | 2.0 | | | 0.22 | 0.6 | | 9.1 | 9.7 | 85 | | 2.26 | 91 | | 2.17 | 8.68 | 1.52 |
| 16.0 | 1254 | 3.0 | | | 0.23 | 0.6 | | 9.2 | 9.8 | 86 | | 2.23 | 90 | | 2.58 | 8.71 | 1.84 |
| 16.0 | 1254 | 4.0 | | | 0.22 | 0.6 | | 9.5 | 9.9 | 89 | | 2.13 | 86 | | 4.40 | 9.14 | 3.23 |
| 16.0 | 1254 | 5.0 | | | 0.22 | 0.6 | | 9.3 | 9.9 | 91 | | 2.08 | 84 | | 7.48 | 9.53 | 5.59 |
| 16.0 | 1254 | 6.0 | | | 0.22 | 0.5 | | 9.3 | 9.9 | 92 | | 2.01 | 82 | | 8.64 | 9.69 | 6.48 |
| 16.0 | 1254 | 7.0 | | | 0.21 | 0.5 | | 9.5 | 10.0 | 95 | | 1.94 | 79 | | 11.39 | 10.06 | 8.57 |
| 16.0 | 1254 | 8.0 | | | 0.20 | 0.4 | | 8.9 | 9.6 | 97 | | 2.01 | 81 | | 17.16 | 10.86 | 12.94 |
| 16.0 | 1254 | 9.0 | | | 0.19 | 0.3 | | 8.8 | 9.5 | 97 | | 2.18 | 88 | | 18.22 | 11.04 | 13.74 |
| 16.0 | 1254 | 10.0 | | | 0.19 | 0.3 | | 8.7 | 9.5 | 98 | | 1.94 | 79 | | 18.97 | 11.17 | 14.30 |
| 16.0 | 1254 | 11.0 | | | 0.19 | 0.3 | | 8.5 | 9.4 | 97 | | 2.23 | 90 | | 20.00 | 11.34 | 15.08 |
| 16.0 | 1254 | 12.0 | | | 0.19 | 0.3 | | 8.5 | 9.3 | 97 | | 2.58 | 103 | | 20.37 | 11.39 | 15.35 |
| 16.0 | 1254 | 13.0 | | | 0.20 | 0.4 | | 8.4 | 9.3 | 97 | | 3.12 | 124 | | 20.54 | 11.41 | 15.48 |
| 16.0 | 1254 | 14.0 | | | 0.23 | 0.7 | | 8.4 | 9.3 | 97 | | 3.88 | 153 | | 21.17 | 11.49 | 15.96 |
| 16.0 | 1254 | 15.0 | | | 0.24 | 0.7 | | 8.3 | 9.2 | 97 | | 6.35 | 248 | | 21.84 | 11.56 | 16.47 |
| 17.0 | 1234 | 1.0 | | | 0.19 | 0.3 | | 9.5 | 10.0 | 90 | | 1.23 | 51 | 4.4 | 4.88 | 9.17 | 3.60 |
| 17.0 | 1234 | 2.0 | | | 0.19 | 0.3 | | 9.7 | 10.1 | 91 | | 1.22 | 51 | | 6.26 | 9.26 | 4.67 |
| 17.0 | 1234 | 3.0 | | | 0.19 | 0.3 | | 9.7 | 10.1 | 94 | | 0.92 | 39 | | 8.84 | 9.57 | 6.65 |
| 17.0 | 1234 | 4.0 | | | 0.18 | 0.2 | | 9.4 | 9.9 | 95 | | 0.57 | 26 | | 12.05 | 9.99 | 9.10 |
| 17.0 | 1234 | 5.0 | | | 0.17 | 0.1 | | 9.1 | 9.7 | 95 | | 0.60 | 27 | | 14.27 | 10.34 | 10.77 |
| 17.0 | 1234 | 6.0 | | | 0.17 | 0.1 | | 9.1 | 9.7 | 95 | | 0.73 | 32 | | 14.51 | 10.38 | 10.96 |
| 17.0 | 1234 | 7.0 | | | 0.18 | 0.2 | | 9.0 | 9.7 | 95 | | 0.80 | 35 | | 14.63 | 10.40 | 11.05 |
| 17.0 | 1234 | 8.0 | | | 0.18 | 0.2 | | 9.0 | 9.6 | 95 | | 0.81 | 35 | | 14.74 | 10.43 | 11.13 |
| 17.0 | 1234 | 9.0 | | | 0.18 | 0.2 | | 9.1 | 9.7 | 96 | | 0.81 | 35 | | 14.89 | 10.46 | 11.24 |
| 17.0 | 1234 | 10.0 | | | 0.17 | 0.1 | | 9.2 | 9.8 | 98 | | 0.76 | 33 | | 16.28 | 10.74 | 12.28 |
| 17.0 | 1234 | 11.0 | | | 0.16 | 0.0 | | 8.8 | 9.6 | 98 | | 0.75 | 33 | | 18.72 | 11.14 | 14.12 |
| 17.0 | 1234 | 12.0 | | | 0.16 | 0.0 | | 8.7 | 9.5 | 98 | | 0.74 | 33 | | 20.10 | 11.28 | 15.16 |
| 17.0 | 1234 | 13.0 | | | 0.17 | 0.1 | | 8.6 | 9.4 | 98 | | 1.31 | 55 | | 21.30 | 11.40 | 16.07 |
| 17.0 | 1234 | 14.0 | | | 0.17 | 0.1 | | 8.5 | 9.3 | 98 | | 2.18 | 88 | | 21.86 | 11.45 | 16.50 |

North San Francisco Bay January 13, 1997 97013

| STN | TIME | DEPTH | DISC CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISC OXYG | CALC OXYG | % OXY SAT | DISC SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|---------------|-----------------|-------|---------------|--------------|--------------|--------------|-------------|------|-------------|-------|-------|-------|------|
| 10.0 | 1505 | 16.0 | | | 0.22 | 0.6 | | 10.4 | 10.5 | | 2.80 | 112 | | 0.07 | 8.40 | 0.00 |
| 10.0 | 1505 | 17.0 | | | 0.23 | 0.7 | | 10.4 | 10.5 | | 3.90 | 116 | | 0.07 | 8.40 | 0.00 |
| 10.0 | 1505 | 18.0 | | | 0.23 | 0.6 | | 10.4 | 10.5 | | 3.04 | 121 | | 0.07 | 8.40 | 0.00 |
| 10.0 | 1505 | 19.0 | | | 0.22 | 0.6 | | 10.4 | 10.5 | | 2.91 | 116 | | 0.07 | 8.40 | 0.00 |
| 11.0 | 1446 | 1.0 | | | 0.22 | 0.6 | | 10.2 | 10.4 | | 3.44 | 136 | 0.5 | 0.07 | 8.58 | 0.00 |
| 11.0 | 1446 | 2.0 | | | 0.23 | 0.6 | | 10.2 | 10.4 | | 3.30 | 131 | | 0.07 | 8.55 | 0.00 |
| 11.0 | 1446 | 3.0 | | | 0.22 | 0.6 | | 10.3 | 10.4 | | 3.63 | 143 | | 0.07 | 8.55 | 0.00 |
| 11.0 | 1446 | 4.0 | | | 0.22 | 0.6 | | 10.2 | 10.4 | | 3.57 | 141 | | 0.07 | 8.54 | 0.00 |
| 11.0 | 1446 | 5.0 | | | 0.22 | 0.6 | | 10.3 | 10.4 | | 3.77 | 149 | | 0.07 | 8.55 | 0.00 |
| 11.0 | 1446 | 6.0 | | | 0.22 | 0.6 | | 10.2 | 10.4 | | 3.63 | 144 | | 0.07 | 8.54 | 0.00 |
| 11.0 | 1446 | 7.0 | | | 0.22 | 0.6 | | 10.3 | 10.4 | | 3.72 | 147 | | 0.07 | 8.52 | 0.00 |
| 11.0 | 1446 | 8.0 | | | 0.22 | 0.6 | | 10.2 | 10.4 | | 3.65 | 144 | | 0.07 | 8.52 | 0.00 |
| 11.0 | 1446 | 9.0 | | | 0.22 | 0.5 | | 10.2 | 10.4 | | 3.63 | 144 | | 0.07 | 8.51 | 0.00 |
| 11.0 | 1446 | 10.0 | | | 0.22 | 0.5 | | 10.3 | 10.4 | | 3.72 | 147 | | 0.07 | 8.51 | 0.00 |
| 11.0 | 1446 | 11.0 | | | 0.22 | 0.5 | | 10.3 | 10.4 | | 3.81 | 150 | | 0.07 | 8.51 | 0.00 |
| 11.0 | 1446 | 12.0 | | | 0.22 | 0.6 | | 10.2 | 10.4 | | 3.75 | 148 | | 0.07 | 8.51 | 0.00 |
| 11.0 | 1446 | 13.0 | | | 0.22 | 0.6 | | 10.3 | 10.4 | | 3.78 | 149 | | 0.07 | 8.50 | 0.00 |
| 11.0 | 1446 | 14.0 | | | 0.22 | 0.6 | | 10.3 | 10.4 | | 3.72 | 147 | | 0.07 | 8.50 | 0.00 |
| 11.0 | 1446 | 15.0 | | | 0.22 | 0.6 | | 10.3 | 10.4 | | 3.63 | 143 | | 0.07 | 8.50 | 0.00 |
| 11.0 | 1446 | 16.0 | | | 0.22 | 0.6 | | 10.3 | 10.4 | | 3.52 | 139 | | 0.07 | 8.50 | 0.00 |
| 11.0 | 1446 | 17.0 | | | 0.22 | 0.6 | | 10.2 | 10.4 | | 3.54 | 140 | | 0.07 | 8.50 | 0.00 |
| 11.0 | 1446 | 18.0 | | | 0.22 | 0.6 | | 10.3 | 10.4 | | 3.45 | 137 | | 0.07 | 8.50 | 0.00 |
| 12.0 | 1432 | 1.0 | | | 0.22 | 0.6 | | 9.6 | 10.0 | | 3.12 | 124 | 6.5 | 0.09 | 8.66 | 0.00 |
| 12.0 | 1432 | 2.0 | | | 0.22 | 0.6 | | 9.7 | 10.1 | | 3.08 | 123 | | 0.09 | 8.66 | 0.00 |
| 12.0 | 1432 | 3.0 | | | 0.22 | 0.6 | | 9.7 | 10.1 | | 2.96 | 118 | | 0.09 | 8.66 | 0.00 |
| 12.0 | 1432 | 4.0 | | | 0.22 | 0.6 | | 9.8 | 10.2 | | 3.18 | 126 | | 0.10 | 8.66 | 0.00 |
| 12.0 | 1432 | 5.0 | | | 0.22 | 0.6 | | 9.9 | 10.2 | | 3.09 | 123 | | 0.11 | 8.67 | 0.00 |
| 12.0 | 1432 | 6.0 | | | 0.22 | 0.6 | | 9.9 | 10.2 | | 3.18 | 127 | | 0.16 | 8.68 | 0.00 |
| 12.0 | 1432 | 7.0 | | | 0.22 | 0.6 | | 10.0 | 10.3 | | 3.11 | 124 | | 0.64 | 8.78 | 0.30 |
| 12.0 | 1432 | 8.0 | | | 0.21 | 0.5 | | 10.2 | 10.4 | | 2.58 | 103 | | 2.26 | 9.06 | 1.56 |
| 12.0 | 1432 | 9.0 | | | 0.21 | 0.5 | | 9.9 | 10.2 | | 1.44 | 60 | | 5.96 | 9.65 | 4.39 |
| 12.0 | 1432 | 10.0 | | | 0.25 | 0.9 | | 9.5 | 10.0 | | 4.42 | 174 | | 8.99 | 10.09 | 6.71 |
| 12.0 | 1432 | 11.0 | | | 0.26 | 0.9 | | 9.3 | 9.9 | | 9.11 | 354 | | 9.91 | 10.10 | 7.42 |
| 12.5 | 1424 | 1.0 | | | 0.23 | 0.7 | | 10.2 | 10.4 | | 3.34 | 132 | 6.5 | 0.17 | 8.86 | 0.00 |
| 12.5 | 1424 | 2.0 | | | 0.23 | 0.7 | | 10.2 | 10.4 | | 3.11 | 124 | | 0.17 | 8.85 | 0.00 |
| 12.5 | 1424 | 3.0 | | | 0.23 | 0.7 | | 10.2 | 10.4 | | 3.18 | 126 | | 0.21 | 8.83 | 0.00 |
| 12.5 | 1424 | 4.0 | | | 0.23 | 0.7 | | 10.3 | 10.4 | | 3.14 | 125 | | 0.34 | 8.80 | 0.07 |
| 12.5 | 1424 | 5.0 | | | 0.23 | 0.6 | | 10.4 | 10.5 | | 3.09 | 123 | | 1.10 | 8.90 | 0.66 |
| 12.5 | 1424 | 6.0 | | | 0.22 | 0.6 | | 10.2 | 10.4 | | 2.02 | 82 | | 3.70 | 9.31 | 2.66 |
| 12.5 | 1424 | 7.0 | | | 0.22 | 0.6 | | 9.9 | 10.2 | | 1.71 | 70 | | 5.26 | 9.55 | 3.86 |

North San Francisco Bay

January 13, 1997

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| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------------|-------------|-------|-------|-------|-------|
| 12.5 | 1424 | 8.0 | | | 0.22 | 0.6 | | 9.8 | 10.2 | 92 | | 2.28 | 92 | | 5.43 | 9.57 | 3.99 |
| 13.0 | 1357 | 1.0 | | | 0.23 | 0.6 | | 10.0 | 10.3 | 89 | | 2.87 | 114 | 7.6 | 0.73 | 8.84 | 0.37 |
| 13.0 | 1357 | 2.0 | 0.4 | 0.16 | 0.22 | 0.6 | 10.4 | 10.2 | 10.4 | 91 | 116.3 | 2.69 | 107 | | 1.76 | 9.01 | 1.17 |
| 13.0 | 1357 | 3.0 | | | 0.21 | 0.5 | | 10.0 | 10.3 | 92 | | 1.68 | 69 | | 3.96 | 9.32 | 2.86 |
| 13.0 | 1357 | 4.0 | | | 0.20 | 0.4 | | 9.9 | 10.2 | 93 | | 0.98 | 42 | | 5.20 | 9.50 | 3.81 |
| 13.0 | 1357 | 5.0 | | | 0.20 | 0.4 | | 9.9 | 10.2 | 94 | | 0.94 | 40 | | 6.99 | 9.76 | 5.19 |
| 13.0 | 1357 | 6.0 | | | 0.20 | 0.3 | | 9.8 | 10.2 | 96 | | 1.02 | 44 | | 9.44 | 10.13 | 7.05 |
| 13.0 | 1357 | 7.0 | | | 0.19 | 0.3 | | 9.5 | 10.0 | 97 | | 0.93 | 40 | | 12.14 | 10.50 | 9.10 |
| 13.0 | 1357 | 8.0 | | | 0.20 | 0.4 | | 9.5 | 9.9 | 98 | | 0.86 | 37 | | 13.42 | 10.65 | 10.08 |
| 13.0 | 1357 | 9.0 | | | 0.24 | 0.8 | | 9.2 | 9.8 | 98 | | 3.72 | 147 | | 15.87 | 10.94 | 11.94 |
| 13.0 | 1357 | 10.0 | 0.9 | 0.21 | 0.25 | 0.8 | | 9.0 | 9.6 | 98 | | 10.34 | 401 | | 17.95 | 11.16 | 13.52 |
| 14.0 | 1340 | 1.0 | | | 0.21 | 0.5 | | 10.0 | 10.3 | 90 | | 1.94 | 79 | 6.0 | 1.91 | 9.07 | 1.28 |
| 14.0 | 1340 | 2.0 | | | 0.21 | 0.5 | | 10.0 | 10.3 | 90 | | 1.86 | 76 | | 1.99 | 9.02 | 1.35 |
| 14.0 | 1340 | 3.0 | | | 0.22 | 0.5 | | 10.1 | 10.3 | 91 | | 1.92 | 78 | | 2.18 | 9.03 | 1.50 |
| 14.0 | 1340 | 4.0 | | | 0.21 | 0.5 | | 10.0 | 10.3 | 92 | | 1.88 | 77 | | 3.46 | 9.19 | 2.48 |
| 14.0 | 1340 | 5.0 | | | 0.21 | 0.5 | | 10.2 | 10.4 | 93 | | 1.61 | 66 | | 4.74 | 9.31 | 3.47 |
| 14.0 | 1340 | 6.0 | | | 0.20 | 0.4 | | 10.2 | 10.4 | 96 | | 1.14 | 48 | | 7.66 | 9.67 | 5.71 |
| 14.0 | 1340 | 7.0 | | | 0.19 | 0.3 | | 10.0 | 10.2 | 98 | | 1.00 | 43 | | 11.40 | 10.17 | 8.57 |
| 14.0 | 1340 | 8.0 | | | 0.18 | 0.2 | | 9.6 | 10.0 | 99 | | 0.97 | 42 | | 14.62 | 10.64 | 11.01 |
| 14.0 | 1340 | 9.0 | | | 0.18 | 0.2 | | 9.3 | 9.9 | 99 | | 0.85 | 37 | | 16.18 | 10.88 | 12.18 |
| 14.0 | 1340 | 10.0 | | | 0.18 | 0.2 | | 9.3 | 9.8 | 99 | | 0.86 | 37 | | 16.50 | 10.94 | 12.42 |
| 14.0 | 1340 | 11.0 | | | 0.18 | 0.2 | | 9.3 | 9.8 | 100 | | 0.92 | 40 | | 17.63 | 11.06 | 13.28 |
| 14.0 | 1340 | 12.0 | | | 0.18 | 0.2 | | 9.0 | 9.7 | 101 | | 1.35 | 56 | | 20.00 | 11.36 | 15.07 |
| 14.0 | 1340 | 13.0 | | | 0.21 | 0.5 | | 8.9 | 9.6 | 101 | | 3.72 | 147 | | 21.38 | 11.53 | 16.11 |
| 14.0 | 1340 | 14.0 | | | 0.25 | 0.9 | | 8.7 | 9.5 | 101 | | 8.77 | 341 | | 22.19 | 11.62 | 16.73 |
| 14.0 | 1340 | 15.0 | | | 0.28 | 1.1 | | 8.7 | 9.5 | 100 | | 10.04 | 390 | | 22.30 | 11.63 | 16.81 |
| 14.0 | 1340 | 16.0 | | | 0.28 | 1.1 | | 8.6 | 9.4 | 100 | | 10.00 | 388 | | 22.33 | 11.61 | 16.83 |
| 15.0 | 1319 | 1.0 | | | 0.21 | 0.5 | | 10.4 | 10.5 | 92 | | 2.07 | 84 | 5.9 | 1.61 | 8.69 | 1.07 |
| 15.0 | 1319 | 2.0 | 0.3 | 0.15 | 0.21 | 0.5 | 10.3 | 10.1 | 10.3 | 93 | 66.4 | 1.96 | 80 | | 5.32 | 9.19 | 3.94 |
| 15.0 | 1319 | 3.0 | | | 0.21 | 0.5 | | 9.8 | 10.1 | 93 | | 1.53 | 63 | | 7.51 | 9.48 | 5.62 |
| 15.0 | 1319 | 4.0 | | | 0.20 | 0.4 | | 9.8 | 10.2 | 94 | | 1.45 | 60 | | 7.98 | 9.47 | 5.99 |
| 15.0 | 1319 | 5.0 | | | 0.20 | 0.4 | | 9.8 | 10.2 | 95 | | 1.42 | 59 | | 9.35 | 9.59 | 7.04 |
| 15.0 | 1319 | 6.0 | | | 0.20 | 0.4 | | 9.5 | 10.0 | 95 | | 1.45 | 60 | | 11.48 | 9.82 | 8.67 |
| 15.0 | 1319 | 7.0 | | | 0.20 | 0.4 | | 9.5 | 10.0 | 95 | | 1.39 | 58 | | 11.56 | 9.82 | 8.73 |
| 15.0 | 1319 | 8.0 | | | 0.19 | 0.3 | | 9.5 | 10.0 | 95 | | 1.16 | 49 | | 11.93 | 9.90 | 9.01 |
| 15.0 | 1319 | 9.0 | | | 0.19 | 0.3 | | 9.5 | 9.9 | 95 | | 1.15 | 48 | | 12.42 | 10.01 | 9.38 |
| 15.0 | 1319 | 10.0 | | | 0.19 | 0.3 | | 9.4 | 9.9 | 96 | | 1.37 | 57 | | 12.86 | 10.06 | 9.72 |
| 15.0 | 1319 | 11.0 | | | 0.20 | 0.4 | | 9.4 | 9.9 | 96 | | 2.05 | 83 | | 13.91 | 10.18 | 10.52 |
| 15.0 | 1319 | 12.0 | | | 0.21 | 0.4 | | 9.3 | 9.8 | 96 | | 2.46 | 99 | | 14.39 | 10.25 | 10.88 |
| 15.0 | 1319 | 13.0 | | | 0.21 | 0.5 | | 9.5 | 9.9 | 98 | | 2.41 | 97 | | 14.53 | 10.29 | 10.98 |

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 18.0 | 1216 | 1.0 | | | 0.17 | 0.1 | | 8.9 | 9.6 | 91 | 0.34 | 17 | 1.7 | 10.83 | 9.96 | 8.15 |
| 18.0 | 1216 | 2.0 | 0.3 | 0.33 | 0.18 | 0.2 | 9.6 | 8.9 | 9.6 | 91 | 0.34 | 17 | | 11.67 | 9.96 | 8.81 |
| 18.0 | 1216 | 3.0 | | | 0.18 | 0.2 | | 9.0 | 9.7 | 92 | 0.50 | 23 | | 12.11 | 9.97 | 9.14 |
| 18.0 | 1216 | 4.0 | | | 0.18 | 0.2 | | 8.9 | 9.6 | 93 | 0.59 | 27 | | 12.54 | 10.21 | 9.45 |
| 18.0 | 1216 | 5.0 | | | 0.18 | 0.2 | | 8.9 | 9.6 | 93 | 0.74 | 32 | | 12.93 | 10.25 | 9.75 |
| 18.0 | 1216 | 6.0 | | | 0.18 | 0.2 | | 9.0 | 9.6 | 94 | 0.89 | 38 | | 13.31 | 10.35 | 10.03 |
| 18.0 | 1216 | 7.0 | | | 0.18 | 0.2 | | 9.1 | 9.7 | 95 | 0.88 | 38 | | 14.24 | 10.52 | 10.73 |
| 18.0 | 1216 | 8.0 | | | 0.17 | 0.1 | | 8.8 | 9.6 | 96 | 0.52 | 24 | | 15.81 | 10.86 | 11.90 |
| 18.0 | 1216 | 9.0 | | | 0.17 | 0.1 | | 8.7 | 9.5 | 96 | 0.38 | 19 | | 16.58 | 10.95 | 12.48 |
| 18.0 | 1216 | 10.0 | | | 0.17 | 0.1 | | 8.7 | 9.5 | 96 | 0.35 | 18 | | 16.83 | 10.97 | 12.67 |
| 18.0 | 1216 | 11.0 | | | 0.16 | 0.0 | | 8.7 | 9.4 | 96 | 0.35 | 18 | | 17.33 | 10.98 | 13.06 |
| 18.0 | 1216 | 12.0 | | | 0.16 | 0.0 | | 8.6 | 9.4 | 96 | 0.35 | 18 | | 18.06 | 11.00 | 13.62 |
| 18.0 | 1216 | 13.0 | | | 0.16 | 0.0 | | 8.6 | 9.4 | 96 | 0.43 | 21 | | 18.46 | 10.98 | 13.94 |
| 18.0 | 1216 | 14.0 | | | 0.16 | 0.0 | | 8.5 | 9.4 | 96 | 0.55 | 25 | | 18.78 | 11.01 | 14.18 |
| 18.0 | 1216 | 15.0 | | | 0.16 | 0.0 | | 8.5 | 9.3 | 96 | 0.64 | 29 | | 18.81 | 11.01 | 14.20 |
| 18.0 | 1216 | 16.0 | | | 0.16 | 0.0 | | 8.5 | 9.3 | 96 | 0.69 | 31 | | 18.80 | 11.00 | 14.20 |
| 18.0 | 1216 | 17.0 | | | 0.16 | 0.0 | | 8.5 | 9.4 | 96 | 0.83 | 36 | | 18.90 | 11.00 | 14.27 |
| 18.0 | 1216 | 18.0 | | | 0.17 | 0.1 | | 8.6 | 9.4 | 97 | 0.86 | 37 | | 19.25 | 11.03 | 14.54 |
| 18.0 | 1216 | 19.0 | | | 0.17 | 0.1 | | 8.5 | 9.3 | 97 | 1.06 | 45 | | 20.56 | 11.20 | 15.53 |
| 18.0 | 1216 | 20.0 | | | 0.17 | 0.1 | | 8.4 | 9.3 | 97 | 1.40 | 58 | | 21.28 | 11.29 | 16.08 |
| 18.0 | 1216 | 21.0 | | | 0.18 | 0.1 | | 8.4 | 9.3 | 97 | 1.51 | 62 | | 21.63 | 11.33 | 16.34 |
| 18.0 | 1216 | 22.0 | | | 0.18 | 0.2 | | 8.4 | 9.3 | 98 | 1.83 | 75 | | 21.99 | 11.38 | 16.61 |
| 18.0 | 1216 | 23.0 | | | 0.18 | 0.2 | | 8.3 | 9.2 | 99 | 2.31 | 93 | | 23.41 | 11.57 | 17.67 |
| 18.0 | 1216 | 24.0 | | | 0.18 | 0.2 | | 8.2 | 9.2 | 99 | 2.23 | 90 | | 24.11 | 11.65 | 18.21 |
| 18.0 | 1216 | 25.0 | | | 0.17 | 0.1 | | 8.2 | 9.2 | 99 | 1.94 | 79 | | 24.18 | 11.66 | 18.26 |
| 18.0 | 1216 | 26.0 | | | 0.17 | 0.1 | | 8.2 | 9.2 | 98 | 1.83 | 75 | | 24.17 | 11.66 | 18.25 |
| 18.0 | 1216 | 27.0 | | | 0.17 | 0.1 | | 8.2 | 9.2 | 98 | 1.73 | 71 | | 24.19 | 11.66 | 18.27 |
| 18.0 | 1216 | 28.0 | | | 0.16 | 0.1 | | 8.2 | 9.2 | 99 | 1.67 | 69 | | 24.37 | 11.69 | 18.40 |
| 18.0 | 1216 | 29.0 | | | 0.16 | 0.0 | | 8.2 | 9.2 | 99 | 1.44 | 59 | | 24.69 | 11.73 | 18.65 |
| 18.0 | 1216 | 30.0 | | | 0.16 | 0.0 | | 8.1 | 9.1 | 99 | 1.38 | 57 | | 25.15 | 11.78 | 18.99 |
| 18.0 | 1216 | 31.0 | | | 0.16 | 0.0 | | 8.1 | 9.1 | 99 | 1.42 | 59 | | 25.40 | 11.82 | 19.18 |
| 18.0 | 1216 | 32.0 | | | 0.16 | 0.0 | | 8.1 | 9.1 | 99 | 1.48 | 61 | | 25.50 | 11.83 | 19.26 |
| 18.0 | 1216 | 33.0 | | | 0.16 | 0.0 | | 8.1 | 9.1 | 99 | 1.47 | 61 | | 25.61 | 11.84 | 19.34 |
| 18.0 | 1216 | 34.0 | | | 0.16 | 0.0 | | 8.1 | 9.1 | 99 | 1.40 | 58 | | 25.73 | 11.86 | 19.43 |
| 18.0 | 1216 | 35.0 | | | 0.15 | 0.0 | | 8.1 | 9.1 | 99 | 1.32 | 55 | | 25.82 | 11.87 | 19.49 |
| 18.0 | 1216 | 36.0 | | | 0.15 | 0.0 | | 8.1 | 9.1 | 99 | 1.24 | 52 | | 25.82 | 11.87 | 19.50 |
| 18.0 | 1216 | 37.0 | | | 0.15 | 0.0 | | 8.0 | 9.1 | 99 | 1.23 | 52 | | 25.85 | 11.87 | 19.52 |
| 18.0 | 1216 | 38.0 | | | 0.14 | 0.0 | | 8.0 | 9.1 | 99 | 1.14 | 48 | | 25.89 | 11.88 | 19.55 |
| 18.0 | 1216 | 39.0 | | | 0.14 | 0.0 | | 8.0 | 9.1 | 99 | 1.01 | 43 | | 26.00 | 11.89 | 19.63 |
| 18.0 | 1216 | 40.0 | | | 0.14 | 0.0 | | 8.0 | 9.1 | 99 | 0.82 | 36 | | 26.20 | 11.91 | 19.78 |
| 18.0 | 1216 | 41.0 | | | 0.14 | 0.0 | | 8.0 | 9.0 | 99 | 0.85 | 37 | | 26.24 | 11.92 | 19.81 |
| 18.0 | 1216 | 42.0 | | | 0.14 | 0.0 | | 8.0 | 9.0 | 99 | 0.94 | 40 | | 26.28 | 11.92 | 19.84 |
| 18.0 | 1216 | 43.0 | | | 0.14 | 0.0 | | 8.0 | 9.0 | 99 | 1.05 | 44 | | 26.31 | 11.93 | 19.86 |

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|----------------|-------------|-----------|-------|-------|-------|
| 20.0 | 1158 | 1.0 | | | 0.18 | 0.2 | | 9.3 | 9.8 | 91 | | 0.64 | 29 | 2.8 | 8.73 | 9.65 | 6.55 |
| 20.0 | 1158 | 2.0 | | | 0.19 | 0.2 | | 8.9 | 9.6 | 92 | | 0.69 | 31 | | 11.75 | 10.25 | 8.83 |
| 20.0 | 1158 | 3.0 | | | 0.19 | 0.3 | | 8.8 | 9.5 | 92 | | 0.70 | 31 | | 12.23 | 10.37 | 9.19 |
| 20.0 | 1158 | 4.0 | | | 0.19 | 0.3 | | 8.8 | 9.5 | 93 | | 0.70 | 31 | | 12.49 | 10.42 | 9.39 |
| 20.0 | 1158 | 5.0 | | | 0.19 | 0.3 | | 8.8 | 9.5 | 93 | | 0.68 | 30 | | 12.83 | 10.48 | 9.64 |
| 20.0 | 1158 | 6.0 | | | 0.19 | 0.3 | | 8.8 | 9.5 | 93 | | 0.68 | 30 | | 13.04 | 10.51 | 9.80 |
| 20.0 | 1158 | 7.0 | | | 0.18 | 0.2 | | 8.8 | 9.5 | 93 | | 0.65 | 29 | | 13.91 | 10.61 | 10.46 |
| 20.0 | 1158 | 8.0 | | | 0.18 | 0.2 | | 8.7 | 9.5 | 94 | | 0.69 | 31 | | 15.07 | 10.73 | 11.35 |
| 20.0 | 1158 | 9.0 | | | 0.18 | 0.2 | | 8.6 | 9.4 | 94 | | 0.68 | 30 | | 15.67 | 10.78 | 11.80 |
| 20.0 | 1158 | 10.0 | | | 0.18 | 0.2 | | 8.6 | 9.4 | 94 | | 0.64 | 29 | | 15.78 | 10.79 | 11.88 |
| 20.0 | 1158 | 11.0 | | | 0.17 | 0.1 | | 8.6 | 9.4 | 94 | | 0.62 | 28 | | 15.89 | 10.76 | 11.97 |
| 20.0 | 1158 | 12.0 | | | 0.17 | 0.1 | | 8.5 | 9.4 | 94 | | 0.60 | 27 | | 16.21 | 10.81 | 12.22 |
| 20.0 | 1158 | 13.0 | | | 0.17 | 0.1 | | 8.5 | 9.4 | 94 | | 0.59 | 27 | | 16.47 | 10.75 | 12.42 |
| 20.0 | 1158 | 14.0 | | | 0.17 | 0.1 | | 8.7 | 9.5 | 95 | | 0.59 | 27 | | 16.84 | 10.76 | 12.71 |
| 20.0 | 1158 | 15.0 | | | 0.17 | 0.1 | | 8.6 | 9.4 | 96 | | 0.68 | 30 | | 17.72 | 11.03 | 13.35 |
| 20.0 | 1158 | 16.0 | | | 0.17 | 0.1 | | 8.5 | 9.3 | 96 | | 0.89 | 39 | | 18.24 | 11.13 | 13.74 |
| 20.0 | 1158 | 17.0 | | | 0.17 | 0.1 | | 8.5 | 9.3 | 96 | | 1.00 | 43 | | 18.56 | 11.13 | 13.99 |
| 20.0 | 1158 | 18.0 | | | 0.17 | 0.1 | | 8.4 | 9.3 | 95 | | 0.99 | 42 | | 18.60 | 11.13 | 14.02 |
| 20.0 | 1158 | 19.0 | | | 0.17 | 0.1 | | 8.4 | 9.3 | 95 | | 0.98 | 42 | | 18.62 | 11.10 | 14.04 |
| 20.0 | 1158 | 20.0 | | | 0.17 | 0.1 | | 8.4 | 9.3 | 95 | | 0.99 | 42 | | 18.63 | 11.10 | 14.05 |
| 20.0 | 1158 | 21.0 | | | 0.17 | 0.1 | | 8.4 | 9.3 | 95 | | 1.00 | 43 | | 18.67 | 11.06 | 14.09 |
| 20.0 | 1158 | 22.0 | | | 0.17 | 0.1 | | 8.4 | 9.3 | 95 | | 1.03 | 44 | | 18.75 | 11.02 | 14.15 |
| 20.0 | 1158 | 23.0 | | | 0.17 | 0.1 | | 8.4 | 9.3 | 95 | | 1.09 | 46 | | 18.91 | 11.02 | 14.28 |
| 20.0 | 1158 | 24.0 | | | 0.18 | 0.2 | | 8.4 | 9.3 | 96 | | 1.54 | 63 | | 19.28 | 11.07 | 14.56 |
| 20.0 | 1158 | 25.0 | | | 0.18 | 0.2 | | 8.4 | 9.3 | 96 | | 1.83 | 75 | | 19.43 | 11.10 | 14.67 |
| 20.0 | 1158 | 26.0 | | | 0.18 | 0.2 | | 8.4 | 9.3 | 96 | | 2.05 | 83 | | 19.57 | 11.14 | 14.77 |
| | | | | | | | | | | | Slope | Inter. | | Std. Err. | | | |
| | | | | | | | | | | | n | r ² | | | | | |
| | | | | | | | | | | | 7 | 0.831 | | -1.494 | | | |
| | | | | | | | | | | | 4 | 0.953 | | 4.209 | | | |
| | | | | | | | | | | | 4 | 0.961 | | 4.114 | | | |

Fluorometer Calibration:

OBS Calibration:

Dissolved Oxygen Calibration:

0.148

11.557

0.097

SeaBird v4.026

South San Francisco Bay

January 13, 1997

97013

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-------------|-------|-------|-------|------|
| 36.0 | 0756 | 1.0 | 1.0 | 0.11 | 0.40 | 1.3 | 8.8 | 8.8 | 8.7 | 82 | 297.7 | 4.39 | 289 | 11.9 | 8.44 | 9.90 | 6.30 |
| 36.0 | 0756 | 2.0 | | | 0.41 | 1.3 | 8.8 | 8.8 | 8.8 | 82 | | 4.51 | 297 | | 8.50 | 9.91 | 6.34 |
| 36.0 | 0756 | 3.0 | | | 0.41 | 1.3 | 8.8 | 8.8 | 8.8 | 82 | | 4.69 | 310 | | 8.54 | 9.92 | 6.38 |
| 36.0 | 0756 | 4.0 | | | 0.41 | 1.4 | 8.8 | 8.8 | 8.8 | 83 | | 4.80 | 317 | | 8.56 | 9.93 | 6.39 |
| 36.0 | 0756 | 5.0 | | | 0.41 | 1.4 | 8.8 | 8.8 | 8.8 | 83 | | 4.90 | 324 | | 8.58 | 9.95 | 6.40 |
| 36.0 | 0756 | 6.0 | | | 0.42 | 1.4 | 8.9 | 8.9 | 8.9 | 83 | | 5.30 | 352 | | 8.60 | 9.98 | 6.41 |
| 36.0 | 0756 | 7.0 | | | 0.43 | 1.4 | 8.8 | 8.8 | 8.8 | 83 | | 5.97 | 397 | | 8.66 | 10.05 | 6.46 |
| 36.0 | 0756 | 8.0 | 1.0 | 0.07 | 0.43 | 1.4 | 8.8 | 8.8 | 8.8 | 83 | | 6.84 | 457 | | 8.73 | 10.09 | 6.50 |
| 34.0 | 0818 | 1.0 | | | 0.33 | 1.1 | 8.9 | 8.9 | 8.9 | 82 | | 1.58 | 96 | 5.4 | 9.24 | 9.42 | 6.98 |
| 34.0 | 0818 | 2.0 | | | 0.33 | 1.1 | 8.9 | 8.9 | 9.0 | 84 | | 1.52 | 92 | | 9.24 | 9.48 | 6.97 |
| 34.0 | 0818 | 3.0 | | | 0.33 | 1.1 | 9.0 | 9.0 | 9.1 | 84 | | 1.54 | 93 | | 9.27 | 9.52 | 6.99 |
| 34.0 | 0818 | 4.0 | | | 0.33 | 1.1 | 9.0 | 9.0 | 9.1 | 85 | | 1.54 | 93 | | 9.30 | 9.54 | 7.01 |
| 34.0 | 0818 | 5.0 | | | 0.34 | 1.1 | 9.0 | 9.0 | 9.0 | 84 | | 1.66 | 101 | | 9.35 | 9.49 | 7.05 |
| 34.0 | 0818 | 6.0 | | | 0.35 | 1.2 | 8.9 | 8.9 | 9.0 | 84 | | 2.23 | 141 | | 9.46 | 9.47 | 7.14 |
| 34.0 | 0818 | 7.0 | | | 0.35 | 1.2 | 8.9 | 8.9 | 9.0 | 84 | | 2.64 | 169 | | 9.52 | 9.48 | 7.19 |
| 32.0 | 0910 | 1.0 | | | 0.32 | 1.1 | 9.2 | 9.2 | 9.4 | 89 | | 1.07 | 62 | 4.6 | 9.64 | 10.07 | 7.21 |
| 32.0 | 0910 | 2.0 | 0.9 | 0.29 | 0.32 | 1.1 | 9.3 | 9.3 | 9.6 | 91 | 68.8 | 1.07 | 60 | | 9.68 | 10.14 | 7.24 |
| 32.0 | 0910 | 3.0 | | | 0.32 | 1.1 | 9.2 | 9.2 | 9.5 | 90 | | 1.09 | 62 | | 9.86 | 10.28 | 7.36 |
| 32.0 | 0910 | 4.0 | | | 0.32 | 1.1 | 9.2 | 9.2 | 9.5 | 90 | | 1.18 | 68 | | 9.89 | 10.31 | 7.38 |
| 32.0 | 0910 | 5.0 | | | 0.32 | 1.1 | 9.2 | 9.2 | 9.4 | 90 | | 1.23 | 72 | | 9.91 | 10.33 | 7.40 |
| 32.0 | 0910 | 6.0 | | | 0.33 | 1.1 | 9.2 | 9.2 | 9.5 | 90 | | 1.28 | 75 | | 9.93 | 10.34 | 7.41 |
| 32.0 | 0910 | 7.0 | | | 0.33 | 1.1 | 9.2 | 9.2 | 9.4 | 90 | | 1.33 | 78 | | 9.97 | 10.36 | 7.43 |
| 32.0 | 0910 | 8.0 | | | 0.33 | 1.1 | 9.2 | 9.2 | 9.4 | 90 | | 1.35 | 80 | | 9.97 | 10.36 | 7.44 |
| 32.0 | 0910 | 9.0 | | | 0.33 | 1.1 | 9.2 | 9.2 | 9.4 | 90 | | 1.37 | 81 | | 9.98 | 10.37 | 7.44 |
| 32.0 | 0910 | 10.0 | | | 0.33 | 1.1 | 9.2 | 9.2 | 9.4 | 90 | | 1.41 | 84 | | 9.99 | 10.37 | 7.45 |
| 32.0 | 0910 | 11.0 | | | 0.33 | 1.1 | 9.2 | 9.2 | 9.4 | 90 | | 1.42 | 84 | | 9.99 | 10.37 | 7.45 |
| 32.0 | 0910 | 12.0 | 0.9 | 0.20 | 0.33 | 1.1 | 9.2 | 9.2 | 9.4 | 90 | | 1.45 | 87 | | 9.99 | 10.38 | 7.45 |
| 30.0 | 0914 | 1.0 | | | 0.32 | 1.1 | 9.3 | 9.3 | 9.6 | 92 | | 1.04 | 59 | 3.5 | 10.40 | 10.62 | 7.74 |
| 30.0 | 0914 | 2.0 | 1.4 | 0.33 | 0.32 | 1.1 | 9.5 | 9.3 | 9.6 | 92 | 69.3 | 1.09 | 62 | | 10.40 | 10.65 | 7.74 |
| 30.0 | 0914 | 3.0 | | | 0.32 | 1.1 | 9.3 | 9.3 | 9.6 | 92 | | 1.23 | 72 | | 10.40 | 10.65 | 7.74 |
| 30.0 | 0914 | 4.0 | | | 0.32 | 1.1 | 9.3 | 9.3 | 9.6 | 93 | | 1.26 | 74 | | 10.41 | 10.66 | 7.74 |
| 30.0 | 0914 | 5.0 | | | 0.33 | 1.1 | 9.3 | 9.3 | 9.6 | 93 | | 1.31 | 77 | | 10.41 | 10.66 | 7.74 |
| 30.0 | 0914 | 6.0 | | | 0.33 | 1.1 | 9.3 | 9.3 | 9.6 | 93 | | 1.36 | 80 | | 10.41 | 10.67 | 7.74 |
| 30.0 | 0914 | 7.0 | | | 0.33 | 1.1 | 9.4 | 9.4 | 9.6 | 93 | | 1.38 | 82 | | 10.42 | 10.67 | 7.74 |
| 30.0 | 0914 | 8.0 | | | 0.33 | 1.1 | 9.4 | 9.4 | 9.6 | 93 | | 1.41 | 84 | | 10.42 | 10.68 | 7.75 |
| 30.0 | 0914 | 9.0 | | | 0.34 | 1.1 | 9.4 | 9.4 | 9.6 | 93 | | 1.52 | 91 | | 10.43 | 10.69 | 7.76 |
| 30.0 | 0914 | 10.0 | | | 0.34 | 1.1 | 9.4 | 9.4 | 9.6 | 93 | | 1.65 | 101 | | 10.44 | 10.71 | 7.76 |
| 30.0 | 0914 | 11.0 | | | 0.34 | 1.1 | 9.3 | 9.3 | 9.6 | 93 | | 1.65 | 101 | | 10.44 | 10.70 | 7.76 |
| 30.0 | 0914 | 12.0 | | | 0.34 | 1.1 | 9.3 | 9.3 | 9.6 | 93 | | 1.65 | 100 | | 10.44 | 10.70 | 7.76 |
| 30.0 | 0914 | 13.0 | 1.2 | 0.21 | 0.34 | 1.1 | 9.3 | 9.3 | 9.6 | 93 | | 1.64 | 100 | | 10.44 | 10.71 | 7.76 |

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | CALC SPM | EXCOF | SALIN | TEMP | SGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------------|-------------|-------|-------|-------|------|
| 29.0 | 0936 | 2.0 | | | 0.29 | 1.0 | | 9.2 | 9.4 | 91 | | 0.65 | 32 | 3.3 | 10.58 | 10.87 | 7.85 |
| 29.0 | 0936 | 3.0 | | | 0.29 | 1.0 | | 9.2 | 9.4 | 91 | | 0.65 | 32 | | 10.58 | 10.87 | 7.85 |
| 29.0 | 0936 | 4.0 | | | 0.29 | 1.0 | | 9.2 | 9.4 | 91 | | 0.64 | 31 | | 10.58 | 10.87 | 7.85 |
| 29.0 | 0936 | 5.0 | | | 0.30 | 1.0 | | 9.2 | 9.4 | 91 | | 0.68 | 34 | | 10.58 | 10.86 | 7.85 |
| 29.0 | 0936 | 6.0 | | | 0.31 | 1.1 | | 9.2 | 9.4 | 91 | | 0.78 | 41 | | 10.58 | 10.86 | 7.85 |
| 29.0 | 0936 | 7.0 | | | 0.32 | 1.1 | | 9.2 | 9.4 | 91 | | 0.89 | 48 | | 10.58 | 10.85 | 7.85 |
| 29.0 | 0936 | 8.0 | | | 0.32 | 1.1 | | 9.2 | 9.4 | 91 | | 1.09 | 62 | | 10.58 | 10.84 | 7.85 |
| 29.0 | 0936 | 9.0 | | | 0.33 | 1.1 | | 9.2 | 9.3 | 90 | | 1.39 | 83 | | 10.59 | 10.80 | 7.86 |
| 29.0 | 0936 | 10.0 | | | 0.34 | 1.1 | | 9.1 | 9.2 | 89 | | 1.60 | 97 | | 10.58 | 10.75 | 7.86 |
| 29.0 | 0936 | 11.0 | | | 0.34 | 1.2 | | 9.1 | 9.2 | 89 | | 1.66 | 101 | | 10.58 | 10.60 | 7.88 |
| 29.0 | 0936 | 12.0 | | | 0.36 | 1.2 | | 9.1 | 9.3 | 89 | | 1.64 | 100 | | 10.57 | 10.48 | 7.89 |
| 29.0 | 0936 | 13.0 | | | 0.36 | 1.2 | | 9.2 | 9.4 | 90 | | 1.67 | 102 | | 10.58 | 10.29 | 7.92 |
| 27.0 | 0958 | 1.0 | | | 0.30 | 1.0 | | 9.2 | 9.4 | 91 | | 0.91 | 50 | 3.8 | 10.43 | 10.84 | 7.73 |
| 27.0 | 0958 | 2.0 | 2.0 | 0.46 | 0.30 | 1.0 | 9.6 | 9.2 | 9.4 | 91 | 26.8 | 0.91 | 49 | | 10.43 | 10.84 | 7.73 |
| 27.0 | 0958 | 3.0 | | | 0.30 | 1.0 | | 9.2 | 9.4 | 91 | | 0.90 | 49 | | 10.43 | 10.84 | 7.73 |
| 27.0 | 0958 | 4.0 | | | 0.31 | 1.0 | | 9.2 | 9.5 | 91 | | 0.92 | 50 | | 10.43 | 10.84 | 7.73 |
| 27.0 | 0958 | 5.0 | | | 0.31 | 1.1 | | 9.2 | 9.5 | 91 | | 0.92 | 50 | | 10.43 | 10.84 | 7.73 |
| 27.0 | 0958 | 6.0 | | | 0.31 | 1.1 | | 9.3 | 9.5 | 92 | | 0.93 | 51 | | 10.43 | 10.84 | 7.73 |
| 27.0 | 0958 | 7.0 | | | 0.31 | 1.0 | | 9.3 | 9.5 | 92 | | 0.93 | 51 | | 10.43 | 10.84 | 7.73 |
| 27.0 | 0958 | 8.0 | | | 0.31 | 1.1 | | 9.3 | 9.5 | 92 | | 0.94 | 52 | | 10.43 | 10.84 | 7.73 |
| 27.0 | 0958 | 9.0 | | | 0.31 | 1.1 | | 9.3 | 9.5 | 92 | | 0.96 | 53 | | 10.43 | 10.84 | 7.73 |
| 27.0 | 0958 | 10.0 | | | 0.31 | 1.1 | | 9.3 | 9.5 | 92 | | 1.02 | 57 | | 10.43 | 10.84 | 7.73 |
| 27.0 | 0958 | 11.0 | | | 0.31 | 1.1 | | 9.3 | 9.5 | 92 | | 1.05 | 60 | | 10.43 | 10.84 | 7.73 |
| 27.0 | 0958 | 12.0 | | | 0.31 | 1.1 | | 9.3 | 9.5 | 92 | | 1.08 | 61 | | 10.43 | 10.84 | 7.73 |
| 27.0 | 0958 | 13.0 | 1.5 | 0.32 | 0.31 | 1.0 | | 9.3 | 9.5 | 92 | | 1.12 | 64 | | 10.43 | 10.84 | 7.73 |
| 25.0 | 1024 | 1.0 | | | 0.25 | 0.9 | | 9.3 | 9.6 | 92 | | 0.41 | 15 | 2.1 | 10.44 | 10.73 | 7.76 |
| 25.0 | 1024 | 2.0 | | | 0.24 | 0.9 | | 9.3 | 9.6 | 92 | | 0.41 | 15 | | 10.46 | 10.73 | 7.77 |
| 25.0 | 1024 | 3.0 | | | 0.24 | 0.8 | | 9.3 | 9.6 | 92 | | 0.43 | 17 | | 10.49 | 10.72 | 7.80 |
| 25.0 | 1024 | 4.0 | | | 0.23 | 0.8 | | 9.3 | 9.6 | 92 | | 0.45 | 18 | | 10.55 | 10.72 | 7.84 |
| 25.0 | 1024 | 5.0 | | | 0.23 | 0.8 | | 9.3 | 9.5 | 92 | | 0.47 | 19 | | 10.66 | 10.72 | 7.93 |
| 25.0 | 1024 | 6.0 | | | 0.23 | 0.8 | | 9.3 | 9.5 | 92 | | 0.50 | 21 | | 10.76 | 10.73 | 8.01 |
| 25.0 | 1024 | 7.0 | | | 0.22 | 0.8 | | 9.3 | 9.5 | 92 | | 0.54 | 24 | | 10.93 | 10.73 | 8.13 |
| 25.0 | 1024 | 8.0 | | | 0.22 | 0.8 | | 9.2 | 9.4 | 92 | | 0.64 | 31 | | 11.05 | 10.75 | 8.22 |
| 25.0 | 1024 | 9.0 | | | 0.22 | 0.8 | | 9.2 | 9.4 | 92 | | 0.91 | 50 | | 11.07 | 10.76 | 8.24 |
| 24.0 | 1041 | 1.0 | | | 0.20 | 0.7 | | 9.2 | 9.4 | 90 | | 0.35 | 11 | 2.0 | 10.44 | 10.29 | 7.81 |
| 24.0 | 1041 | 2.0 | 0.7 | 0.56 | 0.20 | 0.7 | 9.5 | 9.2 | 9.4 | 90 | 18.6 | 0.36 | 12 | | 10.45 | 10.30 | 7.81 |
| 24.0 | 1041 | 3.0 | | | 0.20 | 0.7 | | 9.2 | 9.5 | 90 | | 0.38 | 13 | | 10.47 | 10.31 | 7.83 |
| 24.0 | 1041 | 4.0 | | | 0.20 | 0.7 | | 9.2 | 9.4 | 90 | | 0.41 | 15 | | 10.50 | 10.34 | 7.85 |
| 24.0 | 1041 | 5.0 | | | 0.19 | 0.7 | | 9.2 | 9.4 | 90 | | 0.46 | 18 | | 10.53 | 10.33 | 7.87 |
| 24.0 | 1041 | 6.0 | | | 0.19 | 0.7 | | 9.3 | 9.5 | 91 | | 0.50 | 21 | | 10.53 | 10.32 | 7.88 |

97013

January 13, 1997

South San Francisco Bay

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|--------------|--------------|--------------|------------|-------------|-------|-------|-------|-------|
| 24.0 | 1041 | 7.0 | | | 0.20 | 0.7 | 9.3 | 9.5 | 91 | | 0.51 | 22 | | 10.71 | 10.38 | 8.01 |
| 24.0 | 1041 | 8.0 | | | 0.20 | 0.7 | 9.2 | 9.5 | 91 | | 0.50 | 22 | | 10.87 | 10.41 | 8.13 |
| 24.0 | 1041 | 9.0 | | | 0.20 | 0.8 | 9.3 | 9.6 | 92 | | 0.50 | 22 | | 11.09 | 10.43 | 8.29 |
| 24.0 | 1041 | 10.0 | | | 0.21 | 0.8 | 9.3 | 9.5 | 91 | | 0.52 | 23 | | 11.26 | 10.55 | 8.41 |
| 24.0 | 1041 | 11.0 | 0.5 | 0.36 | 0.21 | 0.8 | 9.2 | 9.4 | 91 | | 0.58 | 27 | | 11.31 | 10.59 | 8.45 |
| 23.0 | 1057 | 1.0 | | | 0.20 | 0.7 | 8.9 | 8.9 | 85 | | 0.31 | 8 | 1.9 | 10.45 | 10.35 | 7.81 |
| 23.0 | 1057 | 2.0 | | | 0.20 | 0.7 | 9.0 | 9.1 | 87 | | 0.31 | 8 | | 10.48 | 10.38 | 7.83 |
| 23.0 | 1057 | 3.0 | | | 0.20 | 0.7 | 9.1 | 9.2 | 89 | | 0.34 | 11 | | 10.77 | 10.48 | 8.04 |
| 23.0 | 1057 | 4.0 | | | 0.20 | 0.7 | 9.1 | 9.2 | 89 | | 0.39 | 14 | | 10.98 | 10.51 | 8.20 |
| 23.0 | 1057 | 5.0 | | | 0.20 | 0.7 | 9.1 | 9.2 | 89 | | 0.42 | 16 | | 11.09 | 10.53 | 8.28 |
| 23.0 | 1057 | 6.0 | | | 0.20 | 0.7 | 9.1 | 9.2 | 89 | | 0.45 | 18 | | 11.14 | 10.54 | 8.32 |
| 23.0 | 1057 | 7.0 | | | 0.20 | 0.8 | 9.1 | 9.2 | 89 | | 0.48 | 20 | | 11.18 | 10.53 | 8.35 |
| 23.0 | 1057 | 8.0 | | | 0.21 | 0.8 | 9.1 | 9.3 | 90 | | 0.50 | 21 | | 11.27 | 10.54 | 8.43 |
| 23.0 | 1057 | 9.0 | | | 0.20 | 0.7 | 9.1 | 9.3 | 90 | | 0.56 | 25 | | 11.69 | 10.62 | 8.74 |
| 23.0 | 1057 | 10.0 | | | 0.20 | 0.7 | 9.1 | 9.2 | 90 | | 0.64 | 31 | | 12.29 | 10.69 | 9.19 |
| 23.0 | 1057 | 11.0 | | | 0.20 | 0.7 | 9.0 | 9.1 | 90 | | 0.84 | 45 | | 12.90 | 10.77 | 9.66 |
| 23.0 | 1057 | 12.0 | | | 0.20 | 0.7 | 9.0 | 9.1 | 90 | | 0.96 | 53 | | 13.42 | 10.83 | 10.05 |
| 23.0 | 1057 | 13.0 | | | 0.20 | 0.7 | 9.0 | 9.1 | 90 | | 1.08 | 61 | | 14.31 | 10.92 | 10.73 |
| 23.0 | 1057 | 14.0 | | | 0.21 | 0.8 | 8.9 | 8.9 | 89 | | 2.05 | 128 | | 15.94 | 11.07 | 11.98 |
| 23.0 | 1057 | 15.0 | | | 0.23 | 0.8 | 8.8 | 8.7 | 88 | | 3.01 | 194 | | 16.59 | 11.12 | 12.47 |
| 23.0 | 1057 | 16.0 | | | 0.23 | 0.8 | 8.7 | 8.6 | 87 | | 4.07 | 267 | | 16.96 | 11.10 | 12.76 |
| 22.0 | 1117 | 1.0 | | | 0.19 | 0.7 | 9.2 | 9.3 | 89 | | 0.30 | 7 | 1.9 | 10.44 | 10.27 | 7.81 |
| 22.0 | 1117 | 2.0 | | | 0.19 | 0.7 | 9.2 | 9.4 | 90 | | 0.30 | 8 | | 10.51 | 10.29 | 7.86 |
| 22.0 | 1117 | 3.0 | | | 0.19 | 0.7 | 9.2 | 9.4 | 90 | | 0.30 | 8 | | 10.70 | 10.37 | 8.00 |
| 22.0 | 1117 | 4.0 | | | 0.19 | 0.7 | 9.1 | 9.3 | 90 | | 0.30 | 8 | | 10.99 | 10.43 | 8.22 |
| 22.0 | 1117 | 5.0 | | | 0.19 | 0.7 | 9.1 | 9.3 | 90 | | 0.34 | 10 | | 11.22 | 10.47 | 8.39 |
| 22.0 | 1117 | 6.0 | | | 0.19 | 0.7 | 9.1 | 9.3 | 90 | | 0.38 | 13 | | 11.43 | 10.52 | 8.55 |
| 22.0 | 1117 | 7.0 | | | 0.19 | 0.7 | 9.1 | 9.2 | 89 | | 0.41 | 15 | | 11.64 | 10.54 | 8.71 |
| 22.0 | 1117 | 8.0 | | | 0.20 | 0.7 | 9.1 | 9.3 | 90 | | 0.45 | 18 | | 11.79 | 10.57 | 8.82 |
| 22.0 | 1117 | 9.0 | | | 0.21 | 0.8 | 9.1 | 9.3 | 90 | | 0.47 | 20 | | 11.98 | 10.61 | 8.96 |
| 22.0 | 1117 | 10.0 | | | 0.20 | 0.7 | 9.1 | 9.3 | 91 | | 0.50 | 21 | | 12.25 | 10.70 | 9.16 |
| 22.0 | 1117 | 11.0 | | | 0.20 | 0.7 | 9.0 | 9.1 | 90 | | 0.52 | 23 | | 12.97 | 10.82 | 9.70 |
| 22.0 | 1117 | 12.0 | | | 0.20 | 0.7 | 9.0 | 9.1 | 90 | | 0.54 | 24 | | 13.65 | 10.85 | 10.23 |
| 22.0 | 1117 | 13.0 | | | 0.19 | 0.7 | 9.0 | 9.0 | 90 | | 0.54 | 24 | | 14.35 | 10.95 | 10.76 |
| 22.0 | 1117 | 14.0 | | | 0.18 | 0.7 | 8.9 | 8.9 | 89 | | 0.51 | 22 | | 15.37 | 11.05 | 11.53 |
| 22.0 | 1117 | 15.0 | | | 0.17 | 0.7 | 8.9 | 8.8 | 90 | | 0.48 | 20 | | 16.24 | 11.12 | 12.19 |
| 22.0 | 1117 | 16.0 | | | 0.21 | 0.7 | 8.8 | 8.8 | 91 | | 0.87 | 47 | | 18.40 | 11.35 | 13.83 |
| 22.0 | 1117 | 17.0 | | | 0.21 | 0.8 | 8.7 | 8.6 | 90 | | 2.76 | 177 | | 20.25 | 11.48 | 15.24 |
| 22.0 | 1117 | 18.0 | | | 0.22 | 0.8 | 8.6 | 8.5 | 89 | | 4.09 | 268 | | 20.77 | 11.50 | 15.64 |
| 22.0 | 1117 | 19.0 | | | 0.22 | 0.8 | 8.5 | 8.4 | 88 | | 4.58 | 302 | | 20.90 | 11.51 | 15.74 |

| STN | TIME | DEPTH | DISC CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISC OXYG | OXYG | CALC OXYG | % OXY SAT | DISC SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|---------------|-----------------|-------|---------------|--------------|------|--------------|--------------|-------------|------|-------------|-------|-------|-------|-------|
| 21.0 | 1132 | 1.0 | | | 0.19 | 0.7 | | 9.5 | 9.9 | 92 | | 0.71 | 36 | 2.8 | 8.47 | 9.61 | 6.36 |
| 21.0 | 1132 | 2.0 | 0.5 | 0.43 | 0.19 | 0.7 | 10.0 | 9.5 | 9.9 | 92 | | 0.71 | 36 | | 9.01 | 9.74 | 6.76 |
| 21.0 | 1132 | 3.0 | | | 0.19 | 0.7 | | 9.5 | 9.8 | 92 | | 0.65 | 32 | | 9.34 | 9.83 | 7.01 |
| 21.0 | 1132 | 4.0 | | | 0.19 | 0.7 | | 9.5 | 9.8 | 92 | | 0.60 | 28 | | 9.35 | 9.85 | 7.01 |
| 21.0 | 1132 | 5.0 | | | 0.19 | 0.7 | | 9.7 | 10.1 | 95 | | 0.57 | 26 | | 9.32 | 9.86 | 6.99 |
| 21.0 | 1132 | 6.0 | | | 0.19 | 0.7 | | 9.6 | 10.1 | 96 | | 0.54 | 24 | | 10.15 | 10.09 | 7.61 |
| 21.0 | 1132 | 7.0 | | | 0.19 | 0.7 | | 9.5 | 9.9 | 95 | | 0.48 | 20 | | 11.10 | 10.37 | 8.31 |
| 21.0 | 1132 | 8.0 | | | 0.19 | 0.7 | | 9.4 | 9.7 | 93 | | 0.37 | 12 | | 11.58 | 10.47 | 8.67 |
| 21.0 | 1132 | 9.0 | | | 0.19 | 0.7 | | 9.3 | 9.6 | 93 | | 0.33 | 10 | | 11.92 | 10.49 | 8.93 |
| 21.0 | 1132 | 10.0 | | | 0.19 | 0.7 | | 9.3 | 9.5 | 92 | | 0.36 | 12 | | 12.09 | 10.51 | 9.07 |
| 21.0 | 1132 | 11.0 | | | 0.19 | 0.7 | | 9.3 | 9.5 | 93 | | 0.37 | 12 | | 12.44 | 10.52 | 9.33 |
| 21.0 | 1132 | 12.0 | | | 0.19 | 0.7 | | 9.3 | 9.5 | 93 | | 0.37 | 12 | | 13.37 | 10.59 | 10.05 |
| 21.0 | 1132 | 13.0 | | | 0.18 | 0.7 | | 9.4 | 9.6 | 96 | | 0.39 | 14 | | 15.23 | 10.76 | 11.46 |
| 21.0 | 1132 | 14.0 | | | 0.17 | 0.6 | | 9.2 | 9.3 | 95 | | 0.42 | 16 | | 17.61 | 11.08 | 13.26 |
| 21.0 | 1132 | 15.0 | | | 0.16 | 0.6 | | 9.0 | 9.1 | 94 | | 0.46 | 18 | | 19.20 | 11.27 | 14.47 |
| 21.0 | 1132 | 16.0 | | | 0.16 | 0.6 | | 8.9 | 9.0 | 93 | | 0.50 | 22 | | 20.12 | 11.38 | 15.16 |
| 21.0 | 1132 | 17.0 | | | 0.17 | 0.6 | | 8.8 | 8.8 | 92 | | 0.61 | 29 | | 20.67 | 11.44 | 15.58 |
| 21.0 | 1132 | 18.0 | 0.4 | 0.25 | 0.17 | 0.7 | | 8.6 | 8.5 | 88 | | 0.95 | 52 | | 19.76 | 11.49 | 14.86 |

| | n | r^2 | Slope | Inter. | Std. Err. |
|-------------------------------|----|-------|--------|---------|-----------|
| Fluorometer Calibration: | 12 | 0.276 | 2.903 | 0.158 | 0.418 |
| OBS Calibration: | 5 | 0.987 | 68.788 | -12.995 | 15.041 |
| Dissolved Oxygen Calibration: | 6 | 0.816 | 1.511 | -4.508 | 0.196 |

SeaBird v4.026

97028

January 28, 1997

North San Francisco Bay

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | SPM | EXCOF | SALIN | TEMP | SIGT |
|-------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-----|-------|-------|-------|------|
| 657.0 | 1837 | 1.0 | 1.2 | | 0.27 | 1.2 | | 8.6 | 9.9 | 90 | | 5.88 | 227 | | 0.06 | 11.07 | 0.00 |
| 657.0 | 1837 | 2.0 | | 0.40 | 0.27 | 1.2 | 9.7 | 8.6 | 9.9 | 90 | 204.9 | 5.81 | 225 | | 0.06 | 11.08 | 0.00 |
| 657.0 | 1837 | 3.0 | | | 0.27 | 1.2 | | 8.6 | 9.9 | 90 | | 5.90 | 228 | | 0.07 | 11.10 | 0.00 |
| 657.0 | 1837 | 4.0 | | | 0.27 | 1.2 | | 8.6 | 9.9 | 90 | | 5.80 | 225 | | 0.07 | 11.11 | 0.00 |
| 657.0 | 1837 | 5.0 | | | 0.27 | 1.2 | | 8.6 | 9.9 | 90 | | 5.78 | 224 | | 0.07 | 11.11 | 0.00 |
| 657.0 | 1837 | 6.0 | | | 0.27 | 1.2 | | 8.6 | 9.9 | 90 | | 5.88 | 228 | | 0.07 | 11.12 | 0.00 |
| 657.0 | 1837 | 7.0 | | | 0.27 | 1.2 | | 8.6 | 9.9 | 90 | | 5.71 | 222 | | 0.07 | 11.12 | 0.00 |
| 657.0 | 1837 | 8.0 | | | 0.27 | 1.2 | | 8.6 | 9.9 | 90 | | 5.78 | 224 | | 0.07 | 11.13 | 0.00 |
| 657.0 | 1837 | 9.0 | | | 0.27 | 1.2 | | 8.6 | 9.9 | 90 | | 5.75 | 223 | | 0.07 | 11.12 | 0.00 |
| 657.0 | 1837 | 10.0 | | | 0.27 | 1.2 | | 8.6 | 9.9 | 90 | | 5.59 | 217 | | 0.07 | 11.13 | 0.00 |
| 657.0 | 1837 | 11.0 | | | 0.27 | 1.2 | | 8.6 | 9.9 | 90 | | 5.45 | 213 | | 0.07 | 11.13 | 0.00 |
| 657.0 | 1837 | 12.0 | | | 0.27 | 1.2 | | 8.6 | 9.9 | 90 | | 5.35 | 209 | | 0.07 | 11.13 | 0.00 |
| 649.0 | 1731 | 1.0 | | | 0.27 | 1.2 | | 8.6 | 9.9 | 90 | | 5.41 | 211 | | 0.06 | 10.77 | 0.00 |
| 649.0 | 1731 | 2.0 | 1.5 | 0.47 | 0.27 | 1.2 | 9.8 | 8.7 | 9.9 | 90 | | 5.14 | 202 | | 0.06 | 10.77 | 0.00 |
| 649.0 | 1731 | 3.0 | | | 0.27 | 1.2 | | 8.7 | 9.9 | 90 | | 5.16 | 202 | | 0.06 | 10.78 | 0.00 |
| 649.0 | 1731 | 4.0 | | | 0.27 | 1.2 | | 8.7 | 9.9 | 90 | | 5.17 | 203 | | 0.06 | 10.77 | 0.00 |
| 649.0 | 1731 | 5.0 | | | 0.27 | 1.2 | | 8.7 | 9.9 | 90 | | 4.98 | 196 | | 0.06 | 10.77 | 0.00 |
| 649.0 | 1731 | 6.0 | | | 0.27 | 1.2 | | 8.7 | 9.9 | 90 | | 4.89 | 193 | | 0.06 | 10.77 | 0.00 |
| 649.0 | 1731 | 7.0 | | | 0.27 | 1.2 | | 8.7 | 9.9 | 90 | | 4.84 | 191 | | 0.06 | 10.77 | 0.00 |
| 649.0 | 1731 | 8.0 | | | 0.27 | 1.2 | | 8.7 | 9.9 | 90 | | 4.67 | 185 | | 0.06 | 10.77 | 0.00 |
| 649.0 | 1731 | 9.0 | | | 0.27 | 1.2 | | 8.7 | 9.9 | 90 | | 4.61 | 183 | | 0.06 | 10.77 | 0.00 |
| 649.0 | 1731 | 10.0 | | | 0.27 | 1.2 | | 8.7 | 9.9 | 90 | | 4.51 | 180 | | 0.06 | 10.77 | 0.00 |
| 649.0 | 1731 | 11.0 | | | 0.27 | 1.2 | | 8.7 | 9.9 | 90 | | 4.59 | 182 | | 0.06 | 10.78 | 0.00 |
| 649.0 | 1731 | 12.0 | | | 0.27 | 1.2 | | 8.7 | 9.9 | 90 | | 4.59 | 182 | | 0.06 | 10.77 | 0.00 |
| 649.0 | 1731 | 13.0 | | | 0.27 | 1.2 | | 8.7 | 9.9 | 90 | | 4.50 | 179 | | 0.06 | 10.77 | 0.00 |
| 2.0 | 1710 | 1.0 | | | 0.25 | 1.2 | | 8.8 | 10.0 | 90 | | 3.80 | 155 | | 0.05 | 10.58 | 0.00 |
| 2.0 | 1710 | 2.0 | | | 0.26 | 1.2 | | 8.8 | 10.0 | 90 | | 3.41 | 141 | | 0.05 | 10.59 | 0.00 |
| 2.0 | 1710 | 3.0 | | | 0.26 | 1.2 | | 8.8 | 10.0 | 90 | | 3.55 | 146 | | 0.05 | 10.59 | 0.00 |
| 2.0 | 1710 | 4.0 | | | 0.26 | 1.2 | | 8.8 | 10.0 | 90 | | 3.60 | 147 | | 0.05 | 10.59 | 0.00 |
| 2.0 | 1710 | 5.0 | | | 0.25 | 1.2 | | 8.8 | 10.0 | 90 | | 3.56 | 146 | | 0.05 | 10.59 | 0.00 |
| 2.0 | 1710 | 6.0 | | | 0.25 | 1.2 | | 8.9 | 10.0 | 90 | | 3.61 | 148 | | 0.05 | 10.60 | 0.00 |
| 2.0 | 1710 | 7.0 | | | 0.25 | 1.2 | | 8.9 | 10.0 | 90 | | 3.67 | 150 | | 0.05 | 10.60 | 0.00 |
| 2.0 | 1710 | 8.0 | | | 0.25 | 1.2 | | 8.9 | 10.0 | 90 | | 3.58 | 147 | | 0.05 | 10.60 | 0.00 |
| 2.0 | 1710 | 9.0 | | | 0.25 | 1.2 | | 8.9 | 10.0 | 90 | | 3.60 | 147 | | 0.05 | 10.60 | 0.00 |
| 2.0 | 1710 | 10.0 | | | 0.25 | 1.2 | | 8.9 | 10.0 | 90 | | 3.57 | 147 | | 0.05 | 10.60 | 0.00 |
| 2.0 | 1710 | 11.0 | | | 0.26 | 1.2 | | 8.9 | 10.0 | 90 | | 3.66 | 150 | | 0.05 | 10.60 | 0.00 |
| 2.0 | 1710 | 12.0 | | | 0.26 | 1.2 | | 8.9 | 10.0 | 90 | | 3.64 | 149 | | 0.05 | 10.60 | 0.00 |
| 3.0 | 1655 | 1.0 | | | 0.34 | 1.3 | | 8.2 | 9.6 | 88 | | 1.66 | 80 | 4.4 | 0.07 | 11.22 | 0.00 |
| 3.0 | 1655 | 2.0 | 1.9 | 0.51 | 0.33 | 1.2 | 9.6 | 8.3 | 9.7 | 88 | 69.2 | 1.51 | 75 | | 0.06 | 11.00 | 0.00 |
| 3.0 | 1655 | 3.0 | | | 0.31 | 1.2 | | 8.5 | 9.8 | 89 | | 1.63 | 78 | | 0.06 | 10.86 | 0.00 |

97028

January 28, 1997

North San Francisco Bay

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|-----|------|-------|----------------|-----------------|-------|---------------|---------------|--------------|--------------|--------------|------|-------------|-------|-------|-------|------|
| 3.0 | 1655 | 4.0 | | | 0.30 | 1.2 | | 8.5 | 9.8 | 89 | 1.92 | 89 | | 0.06 | 10.81 | 0.00 |
| 3.0 | 1655 | 5.0 | | | 0.29 | 1.2 | | 8.6 | 9.9 | 89 | 2.27 | 101 | | 0.06 | 10.77 | 0.00 |
| 3.0 | 1655 | 6.0 | | | 0.29 | 1.2 | | 8.6 | 9.9 | 89 | 2.71 | 117 | | 0.06 | 10.75 | 0.00 |
| 3.0 | 1655 | 7.0 | | | 0.28 | 1.2 | | 8.6 | 9.9 | 89 | 2.85 | 121 | | 0.06 | 10.75 | 0.00 |
| 3.0 | 1655 | 8.0 | | | 0.28 | 1.2 | | 8.6 | 9.9 | 89 | 3.44 | 142 | | 0.06 | 10.75 | 0.00 |
| 3.0 | 1655 | 9.0 | | | 0.28 | 1.2 | | 8.6 | 9.9 | 89 | 3.65 | 149 | | 0.06 | 10.76 | 0.00 |
| 3.0 | 1655 | 10.0 | | | 0.28 | 1.2 | | 8.6 | 9.9 | 89 | 3.96 | 160 | | 0.06 | 10.76 | 0.00 |
| 3.0 | 1655 | 11.0 | | | 0.28 | 1.2 | | 8.6 | 9.9 | 90 | 4.14 | 167 | | 0.06 | 10.76 | 0.00 |
| 3.0 | 1655 | 12.0 | | | 0.28 | 1.2 | | 8.6 | 9.9 | 90 | 4.28 | 171 | | 0.06 | 10.76 | 0.00 |
| 3.0 | 1655 | 13.0 | | | 0.27 | 1.2 | | 8.6 | 9.9 | 90 | 4.35 | 174 | | 0.06 | 10.76 | 0.00 |
| 3.0 | 1655 | 14.0 | | | 0.27 | 1.2 | | 8.7 | 9.9 | 90 | 4.51 | 180 | | 0.06 | 10.76 | 0.00 |
| 4.0 | 1631 | 1.0 | | | 0.33 | 1.3 | | 8.3 | 9.7 | 88 | 1.83 | 85 | 6.4 | 0.07 | 10.95 | 0.00 |
| 4.0 | 1631 | 2.0 | | | 0.33 | 1.3 | | 8.3 | 9.7 | 88 | 1.86 | 87 | | 0.07 | 10.95 | 0.00 |
| 4.0 | 1631 | 3.0 | | | 0.33 | 1.2 | | 8.3 | 9.7 | 88 | 1.92 | 89 | | 0.07 | 10.94 | 0.00 |
| 4.0 | 1631 | 4.0 | | | 0.32 | 1.2 | | 8.4 | 9.7 | 88 | 1.89 | 88 | | 0.06 | 10.88 | 0.00 |
| 4.0 | 1631 | 5.0 | | | 0.31 | 1.2 | | 8.4 | 9.8 | 88 | 2.10 | 95 | | 0.06 | 10.85 | 0.00 |
| 4.0 | 1631 | 6.0 | | | 0.30 | 1.2 | | 8.5 | 9.8 | 89 | 2.33 | 103 | | 0.06 | 10.80 | 0.00 |
| 4.0 | 1631 | 7.0 | | | 0.30 | 1.2 | | 8.5 | 9.8 | 89 | 2.60 | 112 | | 0.06 | 10.78 | 0.00 |
| 4.0 | 1631 | 8.0 | | | 0.30 | 1.2 | | 8.5 | 9.8 | 89 | 2.94 | 124 | | 0.06 | 10.79 | 0.00 |
| 4.0 | 1631 | 9.0 | | | 0.30 | 1.2 | | 8.5 | 9.8 | 89 | 3.15 | 132 | | 0.06 | 10.78 | 0.00 |
| 4.0 | 1631 | 10.0 | | | 0.30 | 1.2 | | 8.5 | 9.8 | 89 | 3.18 | 133 | | 0.06 | 10.78 | 0.00 |
| 4.0 | 1631 | 11.0 | | | 0.29 | 1.2 | | 8.5 | 9.9 | 89 | 3.34 | 138 | | 0.06 | 10.78 | 0.00 |
| 4.0 | 1631 | 12.0 | | | 0.29 | 1.2 | | 8.6 | 9.9 | 89 | 3.37 | 140 | | 0.06 | 10.78 | 0.00 |
| 4.0 | 1631 | 13.0 | | | 0.29 | 1.2 | | 8.6 | 9.9 | 89 | 3.39 | 140 | | 0.06 | 10.78 | 0.00 |
| 4.0 | 1631 | 14.0 | | | 0.29 | 1.2 | | 8.6 | 9.9 | 89 | 3.46 | 143 | | 0.06 | 10.78 | 0.00 |
| 4.0 | 1631 | 15.0 | | | 0.29 | 1.2 | | 8.6 | 9.9 | 89 | 3.47 | 143 | | 0.06 | 10.78 | 0.00 |
| 4.0 | 1631 | 16.0 | | | 0.29 | 1.2 | | 8.6 | 9.9 | 89 | 3.53 | 145 | | 0.06 | 10.78 | 0.00 |
| 4.0 | 1631 | 17.0 | | | 0.29 | 1.2 | | 8.6 | 9.9 | 89 | 3.58 | 147 | | 0.06 | 10.77 | 0.00 |
| 4.0 | 1631 | 18.0 | | | 0.29 | 1.2 | | 8.6 | 9.9 | 89 | 3.57 | 147 | | 0.06 | 10.77 | 0.00 |
| 5.0 | 1607 | 1.0 | | | 0.31 | 1.2 | | 8.5 | 9.8 | 89 | 2.78 | 119 | 7.7 | 0.06 | 10.79 | 0.00 |
| 5.0 | 1607 | 2.0 | | | 0.31 | 1.2 | | 8.5 | 9.8 | 89 | 2.65 | 114 | | 0.06 | 10.79 | 0.00 |
| 5.0 | 1607 | 3.0 | | | 0.31 | 1.2 | | 8.5 | 9.8 | 89 | 2.69 | 116 | | 0.06 | 10.77 | 0.00 |
| 5.0 | 1607 | 4.0 | | | 0.31 | 1.2 | | 8.5 | 9.9 | 89 | 2.67 | 115 | | 0.06 | 10.77 | 0.00 |
| 5.0 | 1607 | 5.0 | | | 0.31 | 1.2 | | 8.5 | 9.8 | 89 | 2.70 | 116 | | 0.06 | 10.78 | 0.00 |
| 5.0 | 1607 | 6.0 | | | 0.31 | 1.2 | | 8.5 | 9.8 | 89 | 2.75 | 118 | | 0.06 | 10.78 | 0.00 |
| 5.0 | 1607 | 7.0 | | | 0.31 | 1.2 | | 8.5 | 9.8 | 89 | 2.78 | 119 | | 0.06 | 10.78 | 0.00 |
| 5.0 | 1607 | 8.0 | | | 0.31 | 1.2 | | 8.5 | 9.8 | 89 | 2.73 | 117 | | 0.06 | 10.78 | 0.00 |
| 5.0 | 1607 | 9.0 | | | 0.31 | 1.2 | | 8.6 | 9.9 | 89 | 2.76 | 118 | | 0.06 | 10.77 | 0.00 |
| 5.0 | 1607 | 10.0 | | | 0.31 | 1.2 | | 8.6 | 9.9 | 89 | 2.76 | 118 | | 0.06 | 10.77 | 0.00 |
| 5.0 | 1607 | 11.0 | | | 0.32 | 1.2 | | 8.6 | 9.9 | 89 | 2.76 | 118 | | 0.06 | 10.77 | 0.00 |
| 5.0 | 1607 | 12.0 | | | 0.32 | 1.2 | | 8.6 | 9.9 | 89 | 2.79 | 119 | | 0.06 | 10.77 | 0.00 |

| STN | TINE | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | EXCOF | SALIN | TEMP | SIGT |
|-----|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-------|-------|-------|------|
| 5.0 | 1607 | 13.0 | | | 0.31 | 1.2 | | 8.6 | 9.9 | 89 | | 2.81 | | 0.06 | 10.78 | 0.00 |
| 6.0 | 1544 | 1.0 | | | 0.29 | 1.2 | | 8.6 | 9.9 | 89 | | 3.01 | | 0.05 | 10.64 | 0.00 |
| 6.0 | 1544 | 2.0 | 1.1 | 0.39 | 0.29 | 1.2 | 10.0 | 8.6 | 9.9 | 89 | 139.1 | 2.83 | 8.1 | 0.05 | 10.63 | 0.00 |
| 6.0 | 1544 | 3.0 | | | 0.30 | 1.2 | | 8.6 | 9.9 | 89 | | 2.83 | | 0.05 | 10.64 | 0.00 |
| 6.0 | 1544 | 4.0 | | | 0.30 | 1.2 | | 8.6 | 9.9 | 89 | | 2.83 | | 0.05 | 10.64 | 0.00 |
| 6.0 | 1544 | 5.0 | | | 0.30 | 1.2 | | 8.6 | 9.9 | 89 | | 2.81 | | 0.05 | 10.64 | 0.00 |
| 6.0 | 1544 | 6.0 | | | 0.30 | 1.2 | | 8.6 | 9.9 | 89 | | 2.81 | | 0.05 | 10.64 | 0.00 |
| 6.0 | 1544 | 7.0 | | | 0.29 | 1.2 | | 8.6 | 9.9 | 89 | | 2.87 | | 0.05 | 10.64 | 0.00 |
| 6.0 | 1544 | 8.0 | | | 0.30 | 1.2 | | 8.6 | 9.9 | 89 | | 2.84 | | 0.05 | 10.64 | 0.00 |
| 6.0 | 1544 | 9.0 | | | 0.30 | 1.2 | | 8.6 | 9.9 | 89 | | 2.80 | | 0.05 | 10.64 | 0.00 |
| 6.0 | 1544 | 10.0 | | | 0.29 | 1.2 | | 8.6 | 9.9 | 89 | | 2.79 | | 0.05 | 10.63 | 0.00 |
| 6.0 | 1544 | 11.0 | | | 0.29 | 1.2 | | 8.6 | 9.9 | 89 | | 2.85 | | 0.05 | 10.63 | 0.00 |
| 6.0 | 1544 | 12.0 | | | 0.29 | 1.2 | | 8.6 | 9.9 | 89 | | 2.80 | | 0.05 | 10.62 | 0.00 |
| 8.0 | 1452 | 1.0 | | | 0.32 | 1.2 | | 8.3 | 9.7 | 88 | | 2.97 | 8.7 | 0.07 | 10.71 | 0.00 |
| 8.0 | 1452 | 2.0 | | | 0.32 | 1.2 | | 8.3 | 9.7 | 88 | | 2.77 | | 0.07 | 10.69 | 0.00 |
| 8.0 | 1452 | 3.0 | | | 0.32 | 1.2 | | 8.3 | 9.7 | 88 | | 2.81 | | 0.07 | 10.67 | 0.00 |
| 8.0 | 1452 | 4.0 | | | 0.32 | 1.2 | | 8.3 | 9.7 | 88 | | 2.78 | | 0.07 | 10.69 | 0.00 |
| 8.0 | 1452 | 5.0 | | | 0.32 | 1.2 | | 8.3 | 9.7 | 88 | | 2.76 | | 0.07 | 10.69 | 0.00 |
| 8.0 | 1452 | 6.0 | | | 0.32 | 1.2 | | 8.3 | 9.7 | 88 | | 2.74 | | 0.07 | 10.70 | 0.00 |
| 8.0 | 1452 | 7.0 | | | 0.32 | 1.2 | | 8.3 | 9.7 | 88 | | 2.76 | | 0.07 | 10.69 | 0.00 |
| 8.0 | 1452 | 8.0 | | | 0.32 | 1.2 | | 8.3 | 9.7 | 88 | | 2.81 | | 0.07 | 10.69 | 0.00 |
| 8.0 | 1452 | 9.0 | | | 0.31 | 1.2 | | 8.3 | 9.7 | 88 | | 2.82 | | 0.07 | 10.66 | 0.00 |
| 8.0 | 1452 | 10.0 | | | 0.31 | 1.2 | | 8.3 | 9.7 | 88 | | 2.88 | | 0.06 | 10.59 | 0.00 |
| 8.0 | 1452 | 11.0 | | | 0.31 | 1.2 | | 8.4 | 9.7 | 88 | | 2.97 | | 0.06 | 10.59 | 0.00 |
| 8.0 | 1452 | 12.0 | | | 0.31 | 1.2 | | 8.3 | 9.7 | 88 | | 3.01 | | 0.06 | 10.61 | 0.00 |
| 8.0 | 1452 | 13.0 | | | 0.31 | 1.2 | | 8.3 | 9.7 | 88 | | 3.03 | | 0.06 | 10.58 | 0.00 |
| 8.0 | 1452 | 14.0 | | | 0.30 | 1.2 | | 8.4 | 9.8 | 88 | | 3.11 | | 0.06 | 10.56 | 0.00 |
| 8.0 | 1452 | 15.0 | | | 0.30 | 1.2 | | 8.4 | 9.8 | 88 | | 3.17 | | 0.06 | 10.55 | 0.00 |
| 8.0 | 1452 | 16.0 | | | 0.30 | 1.2 | | 8.4 | 9.8 | 88 | | 3.13 | | 0.06 | 10.54 | 0.00 |
| 9.0 | 1433 | 1.0 | | | 0.33 | 1.3 | | 8.3 | 9.7 | 88 | | 2.16 | 7.0 | 0.07 | 10.64 | 0.00 |
| 9.0 | 1433 | 2.0 | 1.1 | 0.42 | 0.33 | 1.3 | 9.7 | 8.3 | 9.7 | 88 | 95.2 | 2.16 | | 0.07 | 10.63 | 0.00 |
| 9.0 | 1433 | 3.0 | | | 0.33 | 1.2 | | 8.3 | 9.7 | 88 | | 2.25 | | 0.07 | 10.61 | 0.00 |
| 9.0 | 1433 | 4.0 | | | 0.32 | 1.2 | | 8.4 | 9.7 | 88 | | 2.34 | | 0.07 | 10.58 | 0.00 |
| 9.0 | 1433 | 5.0 | | | 0.32 | 1.2 | | 8.4 | 9.8 | 88 | | 2.45 | | 0.07 | 10.58 | 0.00 |
| 9.0 | 1433 | 6.0 | | | 0.32 | 1.2 | | 8.4 | 9.8 | 88 | | 2.54 | | 0.07 | 10.57 | 0.00 |
| 9.0 | 1433 | 7.0 | | | 0.32 | 1.2 | | 8.4 | 9.8 | 88 | | 2.62 | | 0.07 | 10.56 | 0.00 |
| 9.0 | 1433 | 8.0 | | | 0.32 | 1.2 | | 8.4 | 9.8 | 88 | | 2.70 | | 0.07 | 10.56 | 0.00 |
| 9.0 | 1433 | 9.0 | | | 0.31 | 1.2 | | 8.4 | 9.8 | 88 | | 2.80 | | 0.07 | 10.55 | 0.00 |
| 9.0 | 1433 | 10.0 | | | 0.31 | 1.2 | | 8.4 | 9.8 | 88 | | 2.88 | | 0.07 | 10.55 | 0.00 |
| 9.0 | 1433 | 11.0 | | | 0.32 | 1.2 | | 8.4 | 9.8 | 88 | | 2.95 | | 0.07 | 10.55 | 0.00 |

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January 28, 1997

North San Francisco Bay

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|--------------|--------------|--------------|------|-------------|-------|-------|-------|------|
| 9.0 | 1433 | 12.0 | | | 0.32 | 1.2 | | 8.5 | 9.8 | 88 | 2.97 | 125 | | 0.07 | 10.55 | 0.00 |
| 9.0 | 1433 | 13.0 | | | 0.32 | 1.2 | | 8.5 | 9.8 | 88 | 2.95 | 125 | | 0.07 | 10.55 | 0.00 |
| 9.0 | 1433 | 14.0 | | | 0.31 | 1.2 | | 8.5 | 9.8 | 88 | 3.06 | 129 | | 0.07 | 10.55 | 0.00 |
| 9.0 | 1433 | 15.0 | | | 0.31 | 1.2 | | 8.5 | 9.8 | 88 | 3.08 | 129 | | 0.07 | 10.55 | 0.00 |
| 9.0 | 1433 | 16.0 | | | 0.31 | 1.2 | | 8.5 | 9.8 | 88 | 3.12 | 131 | | 0.07 | 10.55 | 0.00 |
| 9.0 | 1433 | 17.0 | | | 0.31 | 1.2 | | 8.5 | 9.8 | 88 | 3.18 | 133 | | 0.07 | 10.55 | 0.00 |
| 9.0 | 1433 | 18.0 | | | 0.31 | 1.2 | | 8.5 | 9.8 | 88 | 3.20 | 133 | | 0.07 | 10.55 | 0.00 |
| 9.0 | 1433 | 19.0 | | | 0.31 | 1.2 | | 8.5 | 9.8 | 88 | 3.23 | 135 | | 0.07 | 10.56 | 0.00 |
| 9.0 | 1433 | 20.0 | | | 0.31 | 1.2 | | 8.5 | 9.8 | 88 | 3.29 | 137 | | 0.07 | 10.56 | 0.00 |
| 9.0 | 1433 | 21.0 | | | 0.31 | 1.2 | | 8.5 | 9.8 | 89 | 3.31 | 137 | | 0.07 | 10.56 | 0.00 |
| 9.0 | 1433 | 22.0 | | | 0.31 | 1.2 | | 8.5 | 9.8 | 89 | 3.31 | 137 | | 0.07 | 10.58 | 0.00 |
| 9.0 | 1433 | 23.0 | | | 0.31 | 1.2 | | 8.5 | 9.8 | 89 | 3.40 | 141 | | 0.08 | 10.58 | 0.00 |
| 9.0 | 1433 | 24.0 | | | 0.31 | 1.2 | | 8.5 | 9.8 | 89 | 3.49 | 144 | | 0.08 | 10.58 | 0.00 |
| 9.0 | 1433 | 25.0 | | | 0.31 | 1.2 | | 8.5 | 9.8 | 89 | 3.51 | 145 | | 0.08 | 10.58 | 0.00 |
| 9.0 | 1433 | 26.0 | | | 0.31 | 1.2 | | 8.5 | 9.8 | 89 | 3.52 | 145 | | 0.08 | 10.59 | 0.00 |
| 9.0 | 1433 | 27.0 | | | 0.31 | 1.2 | | 8.5 | 9.8 | 89 | 3.54 | 146 | | 0.08 | 10.60 | 0.00 |
| 9.0 | 1433 | 28.0 | | | 0.31 | 1.2 | | 8.5 | 9.9 | 89 | 3.61 | 148 | | 0.08 | 10.60 | 0.00 |
| 9.0 | 1433 | 29.0 | | | 0.31 | 1.2 | | 8.5 | 9.9 | 89 | 3.57 | 146 | | 0.08 | 10.60 | 0.00 |
| 9.0 | 1433 | 30.0 | | | 0.31 | 1.2 | | 8.5 | 9.9 | 89 | 3.65 | 149 | | 0.08 | 10.61 | 0.00 |
| 10.0 | 1420 | 1.0 | | | 0.33 | 1.2 | | 7.9 | 9.4 | 85 | 2.66 | 115 | 9.1 | 0.07 | 10.72 | 0.00 |
| 10.0 | 1420 | 2.0 | | | 0.33 | 1.2 | | 7.9 | 9.5 | 86 | 2.61 | 113 | | 0.07 | 10.65 | 0.00 |
| 10.0 | 1420 | 3.0 | | | 0.33 | 1.3 | | 7.9 | 9.5 | 86 | 2.70 | 116 | | 0.07 | 10.62 | 0.00 |
| 10.0 | 1420 | 4.0 | | | 0.33 | 1.2 | | 8.0 | 9.5 | 86 | 2.74 | 118 | | 0.07 | 10.60 | 0.00 |
| 10.0 | 1420 | 5.0 | | | 0.33 | 1.2 | | 8.0 | 9.5 | 86 | 2.72 | 117 | | 0.07 | 10.60 | 0.00 |
| 10.0 | 1420 | 6.0 | | | 0.33 | 1.2 | | 8.1 | 9.5 | 86 | 2.88 | 122 | | 0.07 | 10.58 | 0.00 |
| 10.0 | 1420 | 7.0 | | | 0.32 | 1.2 | | 8.1 | 9.6 | 86 | 2.97 | 125 | | 0.07 | 10.56 | 0.00 |
| 10.0 | 1420 | 8.0 | | | 0.32 | 1.2 | | 8.1 | 9.6 | 86 | 3.10 | 130 | | 0.07 | 10.56 | 0.00 |
| 10.0 | 1420 | 9.0 | | | 0.32 | 1.2 | | 8.1 | 9.6 | 86 | 3.15 | 132 | | 0.07 | 10.55 | 0.00 |
| 10.0 | 1420 | 10.0 | | | 0.32 | 1.2 | | 8.1 | 9.6 | 86 | 3.18 | 133 | | 0.07 | 10.55 | 0.00 |
| 10.0 | 1420 | 11.0 | | | 0.32 | 1.2 | | 8.2 | 9.6 | 87 | 3.15 | 132 | | 0.07 | 10.55 | 0.00 |
| 10.0 | 1420 | 12.0 | | | 0.32 | 1.2 | | 8.2 | 9.6 | 87 | 3.16 | 132 | | 0.07 | 10.55 | 0.00 |
| 10.0 | 1420 | 13.0 | | | 0.32 | 1.2 | | 8.2 | 9.6 | 87 | 3.13 | 131 | | 0.07 | 10.55 | 0.00 |
| 10.0 | 1420 | 14.0 | | | 0.32 | 1.2 | | 8.2 | 9.6 | 87 | 3.12 | 131 | | 0.07 | 10.54 | 0.00 |
| 10.0 | 1420 | 15.0 | | | 0.32 | 1.2 | | 8.2 | 9.7 | 87 | 3.10 | 130 | | 0.07 | 10.54 | 0.00 |
| 10.0 | 1420 | 16.0 | | | 0.32 | 1.2 | | 8.2 | 9.7 | 87 | 3.13 | 131 | | 0.07 | 10.55 | 0.00 |
| 10.0 | 1420 | 17.0 | | | 0.32 | 1.2 | | 8.2 | 9.7 | 87 | 3.15 | 132 | | 0.07 | 10.55 | 0.00 |
| 10.0 | 1420 | 18.0 | | | 0.32 | 1.2 | | 8.3 | 9.7 | 87 | 3.14 | 131 | | 0.07 | 10.55 | 0.00 |
| 10.0 | 1420 | 19.0 | | | 0.33 | 1.2 | | 8.3 | 9.7 | 87 | 3.12 | 131 | | 0.07 | 10.55 | 0.00 |
| 10.0 | 1420 | 20.0 | | | 0.33 | 1.2 | | 8.3 | 9.7 | 87 | 3.18 | 133 | | 0.07 | 10.55 | 0.00 |
| 11.0 | 1359 | 1.0 | | | 0.33 | 1.2 | | 8.3 | 9.7 | 88 | 2.66 | 115 | 6.1 | 0.08 | 10.70 | 0.00 |
| 11.0 | 1359 | 2.0 | | | 0.33 | 1.2 | | 8.4 | 9.7 | 88 | 2.48 | 108 | | 0.08 | 10.60 | 0.00 |

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January 28, 1997

North San Francisco Bay

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 11.0 | 1359 | 3.0 | | | 0.33 | 1.3 | 8.4 | 9.7 | 88 | | 2.60 | 113 | | 0.08 | 10.59 | 0.00 |
| 11.0 | 1359 | 4.0 | | | 0.33 | 1.2 | 8.4 | 9.7 | 88 | | 2.68 | 116 | | 0.08 | 10.58 | 0.00 |
| 11.0 | 1359 | 5.0 | | | 0.33 | 1.2 | 8.4 | 9.7 | 88 | | 2.71 | 117 | | 0.08 | 10.56 | 0.00 |
| 11.0 | 1359 | 6.0 | | | 0.33 | 1.2 | 8.4 | 9.8 | 88 | | 2.77 | 118 | | 0.08 | 10.55 | 0.00 |
| 11.0 | 1359 | 7.0 | | | 0.33 | 1.2 | 8.4 | 9.8 | 88 | | 2.85 | 121 | | 0.08 | 10.54 | 0.00 |
| 11.0 | 1359 | 8.0 | | | 0.33 | 1.2 | 8.4 | 9.8 | 88 | | 2.86 | 122 | | 0.08 | 10.54 | 0.00 |
| 11.0 | 1359 | 9.0 | | | 0.33 | 1.2 | 8.4 | 9.8 | 88 | | 2.87 | 122 | | 0.08 | 10.54 | 0.00 |
| 11.0 | 1359 | 10.0 | | | 0.33 | 1.2 | 8.4 | 9.8 | 88 | | 2.87 | 122 | | 0.08 | 10.54 | 0.00 |
| 11.0 | 1359 | 11.0 | | | 0.33 | 1.2 | 8.4 | 9.8 | 88 | | 2.86 | 122 | | 0.08 | 10.54 | 0.00 |
| 11.0 | 1359 | 12.0 | | | 0.32 | 1.2 | 8.4 | 9.8 | 88 | | 2.88 | 122 | | 0.08 | 10.54 | 0.00 |
| 11.0 | 1359 | 13.0 | | | 0.33 | 1.2 | 8.4 | 9.8 | 88 | | 2.89 | 123 | | 0.08 | 10.54 | 0.00 |
| 11.0 | 1359 | 14.0 | | | 0.33 | 1.2 | 8.4 | 9.8 | 88 | | 2.89 | 123 | | 0.08 | 10.54 | 0.00 |
| 12.0 | 1341 | 1.0 | | | 0.31 | 1.2 | 8.4 | 9.8 | 88 | | 3.63 | 148 | 11.2 | 0.08 | 10.65 | 0.00 |
| 12.0 | 1341 | 2.0 | | | 0.31 | 1.2 | 8.5 | 9.8 | 88 | | 3.49 | 144 | | 0.08 | 10.56 | 0.00 |
| 12.0 | 1341 | 3.0 | | | 0.31 | 1.2 | 8.5 | 9.8 | 88 | | 3.55 | 146 | | 0.09 | 10.55 | 0.00 |
| 12.0 | 1341 | 4.0 | | | 0.31 | 1.2 | 8.5 | 9.8 | 88 | | 3.55 | 146 | | 0.10 | 10.54 | 0.00 |
| 12.0 | 1341 | 5.0 | | | 0.31 | 1.2 | 8.5 | 9.8 | 88 | | 3.58 | 147 | | 0.10 | 10.54 | 0.00 |
| 12.0 | 1341 | 6.0 | | | 0.32 | 1.2 | 8.5 | 9.8 | 88 | | 3.57 | 147 | | 0.10 | 10.55 | 0.00 |
| 12.0 | 1341 | 7.0 | | | 0.32 | 1.2 | 8.5 | 9.8 | 88 | | 3.58 | 147 | | 0.12 | 10.54 | 0.00 |
| 12.0 | 1341 | 8.0 | | | 0.31 | 1.2 | 8.5 | 9.8 | 89 | | 3.51 | 145 | | 0.53 | 10.55 | 0.07 |
| 12.0 | 1341 | 9.0 | | | 0.30 | 1.2 | 8.5 | 9.8 | 89 | | 3.26 | 136 | | 1.50 | 10.57 | 0.82 |
| 12.0 | 1341 | 10.0 | | | 0.30 | 1.2 | 8.3 | 9.7 | 90 | | 2.76 | 118 | | 4.05 | 10.62 | 2.81 |
| 13.0 | 1315 | 1.0 | | | 0.30 | 1.2 | 8.5 | 9.8 | 89 | | 3.26 | 136 | 9.4 | 0.11 | 10.70 | 0.00 |
| 13.0 | 1315 | 2.0 | 0.9 | 0.38 | 0.30 | 1.2 | 8.5 | 9.8 | 89 | 150.6 | 3.15 | 132 | | 0.66 | 10.58 | 0.17 |
| 13.0 | 1315 | 3.0 | | | 0.29 | 1.2 | 8.4 | 9.8 | 89 | | 3.12 | 131 | | 1.65 | 10.51 | 0.95 |
| 13.0 | 1315 | 4.0 | | | 0.28 | 1.2 | 8.4 | 9.8 | 89 | | 2.84 | 121 | | 2.41 | 10.47 | 1.55 |
| 13.0 | 1315 | 5.0 | | | 0.27 | 1.2 | 8.4 | 9.8 | 90 | | 2.44 | 107 | | 3.04 | 10.45 | 2.04 |
| 13.0 | 1315 | 6.0 | | | 0.24 | 1.2 | 8.6 | 9.9 | 92 | | 1.50 | 74 | | 5.30 | 10.48 | 3.79 |
| 13.0 | 1315 | 7.0 | | | 0.22 | 1.2 | 8.3 | 9.7 | 94 | | 0.56 | 41 | | 10.20 | 10.84 | 7.56 |
| 13.0 | 1315 | 8.0 | | | 0.21 | 1.2 | 8.1 | 9.6 | 94 | | 0.52 | 40 | | 12.79 | 10.99 | 9.55 |
| 13.0 | 1315 | 9.0 | | | 0.22 | 1.2 | 8.0 | 9.5 | 94 | | 1.10 | 60 | | 13.31 | 11.02 | 9.94 |
| 13.0 | 1315 | 10.0 | | | 0.25 | 1.2 | 8.0 | 9.5 | 94 | | 2.97 | 126 | | 13.40 | 11.02 | 10.01 |
| 13.0 | 1315 | 11.0 | 0.8 | 0.38 | 0.25 | 1.2 | 8.0 | 9.5 | 94 | | 4.86 | 192 | | 13.42 | 10.99 | 10.03 |
| 14.0 | 1257 | 1.0 | | | 0.31 | 1.2 | 8.4 | 9.8 | 89 | | 2.94 | 125 | 7.2 | 0.20 | 11.01 | 0.00 |
| 14.0 | 1257 | 2.0 | | | 0.30 | 1.2 | 8.4 | 9.8 | 89 | | 2.76 | 118 | | 0.74 | 10.71 | 0.22 |
| 14.0 | 1257 | 3.0 | | | 0.30 | 1.2 | 8.4 | 9.8 | 89 | | 2.64 | 114 | | 1.45 | 10.54 | 0.79 |
| 14.0 | 1257 | 4.0 | | | 0.28 | 1.2 | 8.5 | 9.8 | 89 | | 2.47 | 108 | | 2.01 | 10.48 | 1.24 |
| 14.0 | 1257 | 5.0 | | | 0.27 | 1.2 | 8.5 | 9.8 | 90 | | 2.23 | 100 | | 3.23 | 10.51 | 2.18 |
| 14.0 | 1257 | 6.0 | | | 0.25 | 1.2 | 8.4 | 9.7 | 91 | | 1.98 | 91 | | 5.32 | 10.61 | 3.80 |
| 14.0 | 1257 | 7.0 | | | 0.24 | 1.2 | 8.4 | 9.7 | 92 | | 1.55 | 76 | | 6.50 | 10.68 | 4.70 |

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North San Francisco Bay

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 14.0 | 1257 | 8.0 | | | 0.24 | 1.2 | | 8.4 | 9.7 | 93 | 1.39 | 70 | | 8.31 | 10.77 | 6.10 |
| 14.0 | 1257 | 9.0 | | | 0.21 | 1.2 | | 8.3 | 9.7 | 95 | 1.29 | 67 | | 12.59 | 11.08 | 9.38 |
| 14.0 | 1257 | 10.0 | | | 0.19 | 1.1 | | 7.8 | 9.4 | 98 | 0.90 | 53 | | 19.32 | 11.50 | 14.52 |
| 14.0 | 1257 | 11.0 | | | 0.18 | 1.1 | | 7.8 | 9.4 | 98 | 0.57 | 41 | | 20.44 | 11.52 | 15.39 |
| 14.0 | 1257 | 12.0 | | | 0.18 | 1.1 | | 7.7 | 9.4 | 99 | 0.61 | 43 | | 20.61 | 11.60 | 15.51 |
| 14.0 | 1257 | 13.0 | | | 0.20 | 1.1 | | 7.8 | 9.4 | 100 | 1.30 | 67 | | 22.64 | 11.77 | 17.05 |
| 14.0 | 1257 | 14.0 | | | 0.20 | 1.1 | | 7.6 | 9.3 | 100 | 2.20 | 99 | | 24.10 | 11.83 | 18.17 |
| 14.0 | 1257 | 15.0 | | | 0.19 | 1.1 | | 7.5 | 9.3 | 100 | 2.66 | 115 | | 24.60 | 11.84 | 18.55 |
| 15.0 | 1236 | 1.0 | | | 0.30 | 1.2 | | 8.6 | 9.9 | 89 | 3.26 | 136 | 8.5 | 0.27 | 10.42 | 0.00 |
| 15.0 | 1236 | 2.0 | 1.0 | 0.52 | 0.30 | 1.2 | 10.0 | 8.6 | 9.9 | 89 | 3.18 | 133 | | 0.42 | 10.39 | 0.00 |
| 15.0 | 1236 | 3.0 | | | 0.30 | 1.2 | | 8.7 | 9.9 | 89 | 3.12 | 131 | | 0.51 | 10.39 | 0.06 |
| 15.0 | 1236 | 4.0 | | | 0.29 | 1.2 | | 8.7 | 9.9 | 89 | 3.04 | 128 | | 0.67 | 10.41 | 0.19 |
| 15.0 | 1236 | 5.0 | | | 0.28 | 1.2 | | 8.6 | 9.9 | 90 | 2.69 | 116 | | 2.21 | 10.43 | 1.39 |
| 15.0 | 1236 | 6.0 | | | 0.27 | 1.2 | | 8.6 | 9.9 | 91 | 2.15 | 97 | | 3.92 | 10.49 | 2.72 |
| 15.0 | 1236 | 7.0 | | | 0.25 | 1.2 | | 8.5 | 9.8 | 93 | 1.90 | 88 | | 7.21 | 10.67 | 5.26 |
| 15.0 | 1236 | 8.0 | | | 0.24 | 1.2 | | 8.3 | 9.7 | 93 | 1.64 | 79 | | 9.35 | 10.81 | 6.90 |
| 15.0 | 1236 | 9.0 | | | 0.23 | 1.2 | | 8.3 | 9.7 | 94 | 1.36 | 69 | | 10.60 | 10.89 | 7.86 |
| 15.0 | 1236 | 10.0 | | | 0.22 | 1.2 | | 8.2 | 9.7 | 95 | 1.15 | 62 | | 12.82 | 11.01 | 9.57 |
| 15.0 | 1236 | 11.0 | | | 0.21 | 1.2 | | 8.1 | 9.6 | 96 | 1.01 | 57 | | 14.67 | 11.13 | 10.98 |
| 15.0 | 1236 | 12.0 | | | 0.20 | 1.1 | | 8.1 | 9.6 | 97 | 0.83 | 51 | | 15.48 | 11.19 | 11.60 |
| 15.0 | 1236 | 13.0 | | | 0.20 | 1.1 | | 8.0 | 9.5 | 97 | 0.75 | 48 | | 17.17 | 11.30 | 12.89 |
| 15.0 | 1236 | 14.0 | | | 0.20 | 1.1 | | 7.9 | 9.5 | 97 | 0.68 | 45 | | 17.97 | 11.35 | 13.50 |
| 15.0 | 1236 | 15.0 | | | 0.19 | 1.1 | | 7.9 | 9.5 | 98 | 0.63 | 44 | | 18.96 | 11.40 | 14.26 |
| 15.0 | 1236 | 16.0 | | | 0.19 | 1.1 | | 7.9 | 9.5 | 99 | 0.64 | 44 | | 19.87 | 11.47 | 14.95 |
| 15.0 | 1236 | 17.0 | | | 0.19 | 1.1 | | 7.9 | 9.5 | 100 | 0.61 | 43 | | 21.39 | 11.59 | 16.11 |
| 15.0 | 1236 | 18.0 | | | 0.18 | 1.1 | | 7.7 | 9.4 | 101 | 0.67 | 45 | | 23.48 | 11.77 | 17.70 |
| 15.0 | 1236 | 19.0 | | | 0.18 | 1.1 | | 7.7 | 9.3 | 101 | 0.75 | 48 | | 24.42 | 11.85 | 18.41 |
| 15.0 | 1236 | 20.0 | | | 0.18 | 1.1 | | 7.6 | 9.3 | 101 | 0.78 | 49 | | 25.03 | 11.90 | 18.88 |
| 15.0 | 1236 | 21.0 | | | 0.18 | 1.1 | | 7.6 | 9.3 | 101 | 0.86 | 52 | | 25.60 | 11.95 | 19.31 |
| 15.0 | 1236 | 22.0 | | | 0.19 | 1.1 | | 7.6 | 9.3 | 102 | 1.12 | 61 | | 26.14 | 12.00 | 19.72 |
| 15.0 | 1236 | 23.0 | | | 0.20 | 1.1 | | 7.5 | 9.3 | 102 | 1.43 | 72 | | 26.44 | 12.02 | 19.94 |
| 15.0 | 1236 | 24.0 | 1.7 | 0.41 | 0.20 | 1.1 | | 7.5 | 9.2 | 101 | 1.83 | 85 | | 26.49 | 12.03 | 19.99 |
| 16.0 | 1204 | 1.0 | | | 0.29 | 1.2 | | 8.6 | 9.9 | 89 | 3.12 | 131 | 9.3 | 0.54 | 10.38 | 0.09 |
| 16.0 | 1204 | 2.0 | | | 0.29 | 1.2 | | 8.6 | 9.9 | 89 | 2.81 | 120 | | 1.15 | 10.38 | 0.57 |
| 16.0 | 1204 | 3.0 | | | 0.27 | 1.2 | | 8.6 | 9.9 | 90 | 2.37 | 104 | | 2.61 | 10.40 | 1.71 |
| 16.0 | 1204 | 4.0 | | | 0.25 | 1.2 | | 8.5 | 9.8 | 92 | 1.61 | 78 | | 5.85 | 10.56 | 4.21 |
| 16.0 | 1204 | 5.0 | | | 0.24 | 1.2 | | 8.3 | 9.7 | 93 | 1.22 | 64 | | 8.49 | 10.72 | 6.25 |
| 16.0 | 1204 | 6.0 | | | 0.23 | 1.2 | | 8.3 | 9.7 | 93 | 1.07 | 59 | | 9.97 | 10.81 | 7.38 |
| 16.0 | 1204 | 7.0 | | | 0.23 | 1.2 | | 8.2 | 9.7 | 95 | 1.07 | 59 | | 11.90 | 10.94 | 8.86 |
| 16.0 | 1204 | 8.0 | | | 0.21 | 1.2 | | 8.1 | 9.6 | 96 | 1.02 | 57 | | 15.08 | 11.19 | 11.29 |
| 16.0 | 1204 | 9.0 | | | 0.19 | 1.1 | | 7.9 | 9.5 | 97 | 0.81 | 50 | | 17.98 | 11.38 | 13.51 |

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| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|--------------|--------------|--------------|------------|-------------|-------|-------|-------|-------|
| 16.0 | 1204 | 10.0 | | | 0.18 | 1.1 | | 7.9 | 9.5 | 98 | 0.60 | 42 | | 19.67 | 11.50 | 14.80 |
| 16.0 | 1204 | 11.0 | | | 0.17 | 1.1 | | 7.7 | 9.4 | 100 | 0.47 | 38 | | 22.01 | 11.77 | 16.56 |
| 16.0 | 1204 | 12.0 | | | 0.19 | 1.1 | | 7.6 | 9.3 | 100 | 0.88 | 52 | | 23.70 | 11.85 | 17.86 |
| 16.0 | 1204 | 13.0 | | | 0.19 | 1.1 | | 7.5 | 9.3 | 100 | 1.40 | 70 | | 24.43 | 11.85 | 18.42 |
| 17.0 | 1140 | 1.0 | | | 0.28 | 1.2 | | 8.8 | 10.0 | 90 | 2.89 | 123 | 9.6 | 1.09 | 10.35 | 0.53 |
| 17.0 | 1140 | 2.0 | | | 0.27 | 1.2 | | 8.8 | 10.0 | 91 | 2.33 | 103 | | 2.61 | 10.37 | 1.71 |
| 17.0 | 1140 | 3.0 | | | 0.27 | 1.2 | | 8.7 | 10.0 | 92 | 1.89 | 88 | | 4.91 | 10.52 | 3.49 |
| 17.0 | 1140 | 4.0 | | | 0.26 | 1.2 | | 8.7 | 9.9 | 93 | 1.71 | 81 | | 5.62 | 10.58 | 4.04 |
| 17.0 | 1140 | 5.0 | | | 0.26 | 1.2 | | 8.7 | 9.9 | 93 | 1.66 | 80 | | 6.36 | 10.63 | 4.60 |
| 17.0 | 1140 | 6.0 | | | 0.24 | 1.2 | | 8.7 | 9.9 | 94 | 1.57 | 77 | | 7.52 | 10.71 | 5.49 |
| 17.0 | 1140 | 7.0 | | | 0.22 | 1.2 | | 8.6 | 9.9 | 97 | 1.29 | 67 | | 12.41 | 11.01 | 9.25 |
| 17.0 | 1140 | 8.0 | | | 0.20 | 1.1 | | 8.2 | 9.7 | 98 | 0.71 | 46 | | 16.32 | 11.26 | 12.24 |
| 17.0 | 1140 | 9.0 | | | 0.20 | 1.1 | | 8.2 | 9.6 | 98 | 0.52 | 40 | | 17.01 | 11.30 | 12.77 |
| 17.0 | 1140 | 10.0 | | | 0.19 | 1.1 | | 8.2 | 9.6 | 98 | 0.45 | 37 | | 17.35 | 11.32 | 13.03 |
| 17.0 | 1140 | 11.0 | | | 0.19 | 1.1 | | 8.1 | 9.6 | 98 | 0.44 | 37 | | 17.60 | 11.33 | 13.22 |
| 17.0 | 1140 | 12.0 | | | 0.18 | 1.1 | | 8.2 | 9.6 | 99 | 0.44 | 37 | | 17.81 | 11.35 | 13.38 |
| 17.0 | 1140 | 13.0 | | | 0.18 | 1.1 | | 8.1 | 9.6 | 99 | 0.50 | 39 | | 19.15 | 11.48 | 14.39 |
| 17.0 | 1140 | 14.0 | | | 0.18 | 1.1 | | 7.9 | 9.5 | 100 | 0.51 | 39 | | 21.14 | 11.61 | 15.92 |
| 18.0 | 1116 | 1.0 | | | 0.22 | 1.2 | | 8.1 | 9.6 | 92 | 0.33 | 33 | 1.7 | 9.52 | 10.90 | 7.02 |
| 18.0 | 1116 | 2.0 | 0.8 | 0.82 | 0.22 | 1.2 | 9.6 | 8.0 | 9.5 | 93 | 0.32 | 33 | | 11.05 | 10.93 | 8.20 |
| 18.0 | 1116 | 3.0 | | | 0.22 | 1.2 | | 8.0 | 9.5 | 93 | 0.31 | 32 | | 11.59 | 10.95 | 8.62 |
| 18.0 | 1116 | 4.0 | | | 0.22 | 1.2 | | 8.0 | 9.5 | 93 | 0.31 | 32 | | 11.70 | 10.95 | 8.70 |
| 18.0 | 1116 | 5.0 | | | 0.22 | 1.2 | | 8.0 | 9.5 | 93 | 0.32 | 33 | | 11.73 | 10.95 | 8.73 |
| 18.0 | 1116 | 6.0 | | | 0.22 | 1.2 | | 8.0 | 9.5 | 94 | 0.36 | 34 | | 12.06 | 10.98 | 8.98 |
| 18.0 | 1116 | 7.0 | | | 0.22 | 1.2 | | 8.0 | 9.5 | 94 | 0.35 | 34 | | 12.78 | 11.02 | 9.53 |
| 18.0 | 1116 | 8.0 | | | 0.22 | 1.2 | | 8.0 | 9.5 | 94 | 0.30 | 32 | | 13.28 | 11.06 | 9.92 |
| 18.0 | 1116 | 9.0 | | | 0.21 | 1.2 | | 8.0 | 9.5 | 95 | 0.27 | 31 | | 14.26 | 11.12 | 10.66 |
| 18.0 | 1116 | 10.0 | | | 0.21 | 1.1 | | 7.9 | 9.5 | 96 | 0.25 | 30 | | 16.61 | 11.27 | 12.46 |
| 18.0 | 1116 | 11.0 | | | 0.19 | 1.1 | | 7.8 | 9.4 | 97 | 0.21 | 29 | | 17.91 | 11.38 | 13.45 |
| 18.0 | 1116 | 12.0 | | | 0.19 | 1.1 | | 7.8 | 9.4 | 97 | 0.20 | 29 | | 18.26 | 11.40 | 13.72 |
| 18.0 | 1116 | 13.0 | | | 0.18 | 1.1 | | 7.8 | 9.4 | 98 | 0.21 | 29 | | 19.50 | 11.49 | 14.66 |
| 18.0 | 1116 | 14.0 | | | 0.18 | 1.1 | | 7.7 | 9.4 | 98 | 0.21 | 29 | | 20.65 | 11.59 | 15.54 |
| 18.0 | 1116 | 15.0 | | | 0.17 | 1.1 | | 7.7 | 9.4 | 99 | 0.21 | 29 | | 21.91 | 11.69 | 16.49 |
| 18.0 | 1116 | 16.0 | | | 0.17 | 1.1 | | 7.6 | 9.3 | 100 | 0.21 | 29 | | 24.02 | 11.87 | 18.10 |
| 18.0 | 1116 | 17.0 | | | 0.16 | 1.1 | | 7.6 | 9.3 | 100 | 0.20 | 29 | | 24.65 | 11.92 | 18.58 |
| 18.0 | 1116 | 18.0 | | | 0.16 | 1.1 | | 7.6 | 9.3 | 101 | 0.21 | 29 | | 25.21 | 11.98 | 19.01 |
| 18.0 | 1116 | 19.0 | | | 0.16 | 1.1 | | 7.5 | 9.2 | 101 | 0.20 | 28 | | 26.22 | 12.06 | 19.77 |
| 18.0 | 1116 | 20.0 | | | 0.15 | 1.1 | | 7.5 | 9.2 | 102 | 0.18 | 28 | | 26.59 | 12.09 | 20.05 |
| 18.0 | 1116 | 21.0 | | | 0.15 | 1.1 | | 7.5 | 9.2 | 102 | 0.18 | 28 | | 27.44 | 12.18 | 20.70 |
| 18.0 | 1116 | 22.0 | | | 0.14 | 1.1 | | 7.4 | 9.2 | 103 | 0.19 | 28 | | 28.45 | 12.24 | 21.46 |
| 18.0 | 1116 | 23.0 | | | 0.14 | 1.1 | | 7.4 | 9.2 | 103 | 0.18 | 28 | | 28.97 | 12.29 | 21.86 |

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| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 18.0 | 1116 | 24.0 | | | 0.14 | 1.1 | | 7.3 | 9.1 | 103 | | 0.16 | 27 | | 29.15 | 12.30 | 22.00 |
| 18.0 | 1116 | 25.0 | | | 0.14 | 1.1 | | 7.3 | 9.1 | 103 | | 0.15 | 27 | | 29.25 | 12.31 | 22.07 |
| 18.0 | 1116 | 26.0 | | | 0.13 | 1.1 | | 7.3 | 9.1 | 103 | | 0.14 | 26 | | 29.32 | 12.32 | 22.13 |
| 18.0 | 1116 | 27.0 | | | 0.13 | 1.1 | | 7.3 | 9.1 | 103 | | 0.14 | 26 | | 29.41 | 12.33 | 22.19 |
| 18.0 | 1116 | 28.0 | | | 0.14 | 1.1 | | 7.3 | 9.1 | 103 | | 0.14 | 26 | | 29.45 | 12.33 | 22.23 |
| 18.0 | 1116 | 29.0 | | | 0.14 | 1.1 | | 7.3 | 9.1 | 103 | | 0.14 | 26 | | 29.47 | 12.33 | 22.24 |
| 18.0 | 1116 | 30.0 | | | 0.14 | 1.1 | | 7.3 | 9.1 | 103 | | 0.14 | 26 | | 29.50 | 12.34 | 22.26 |
| 18.0 | 1116 | 31.0 | | | 0.15 | 1.1 | | 7.3 | 9.1 | 103 | | 0.15 | 27 | | 29.53 | 12.34 | 22.28 |
| 18.0 | 1116 | 32.0 | | | 0.14 | 1.1 | | 7.3 | 9.1 | 103 | | 0.15 | 27 | | 29.60 | 12.34 | 22.33 |
| 18.0 | 1116 | 33.0 | | | 0.14 | 1.1 | | 7.3 | 9.1 | 103 | | 0.16 | 27 | | 29.68 | 12.35 | 22.40 |
| 18.0 | 1116 | 34.0 | | | 0.14 | 1.1 | | 7.3 | 9.1 | 103 | | 0.16 | 27 | | 29.87 | 12.37 | 22.54 |
| 18.0 | 1116 | 35.0 | | | 0.13 | 1.1 | | 7.3 | 9.1 | 103 | | 0.16 | 27 | | 30.00 | 12.38 | 22.64 |
| 18.0 | 1116 | 36.0 | | | 0.13 | 1.1 | | 7.3 | 9.1 | 103 | | 0.16 | 27 | | 30.02 | 12.38 | 22.65 |
| 18.0 | 1116 | 37.0 | | | 0.13 | 1.1 | | 7.3 | 9.1 | 103 | | 0.17 | 27 | | 30.04 | 12.39 | 22.67 |
| 18.0 | 1116 | 38.0 | | | 0.14 | 1.1 | | 7.3 | 9.1 | 103 | | 0.18 | 28 | | 30.07 | 12.39 | 22.69 |
| 18.0 | 1116 | 39.0 | | | 0.14 | 1.1 | | 7.3 | 9.1 | 103 | | 0.20 | 28 | | 30.14 | 12.40 | 22.75 |
| 20.0 | 1054 | 1.0 | | | 0.25 | 1.2 | | 8.8 | 10.0 | 92 | | 1.59 | 77 | 5.0 | 3.20 | 10.56 | 2.15 |
| 20.0 | 1054 | 2.0 | | | 0.25 | 1.2 | | 8.7 | 9.9 | 93 | | 1.46 | 73 | | 5.97 | 10.65 | 4.30 |
| 20.0 | 1054 | 3.0 | | | 0.24 | 1.2 | | 8.6 | 9.9 | 94 | | 1.20 | 64 | | 7.38 | 10.72 | 5.38 |
| 20.0 | 1054 | 4.0 | | | 0.24 | 1.2 | | 8.6 | 9.9 | 94 | | 0.86 | 51 | | 8.35 | 10.78 | 6.13 |
| 20.0 | 1054 | 5.0 | | | 0.24 | 1.2 | | 8.5 | 9.9 | 94 | | 0.75 | 48 | | 8.45 | 10.79 | 6.21 |
| 20.0 | 1054 | 6.0 | | | 0.24 | 1.2 | | 8.6 | 9.9 | 94 | | 0.73 | 47 | | 8.49 | 10.79 | 6.24 |
| 20.0 | 1054 | 7.0 | | | 0.24 | 1.2 | | 8.6 | 9.9 | 95 | | 0.74 | 47 | | 8.80 | 10.81 | 6.47 |
| 20.0 | 1054 | 8.0 | | | 0.24 | 1.2 | | 8.5 | 9.8 | 95 | | 0.74 | 47 | | 10.33 | 10.91 | 7.65 |
| 20.0 | 1054 | 9.0 | | | 0.24 | 1.2 | | 8.4 | 9.8 | 95 | | 0.62 | 43 | | 11.09 | 10.94 | 8.23 |
| 20.0 | 1054 | 10.0 | | | 0.24 | 1.2 | | 8.4 | 9.8 | 95 | | 0.51 | 39 | | 11.19 | 10.94 | 8.31 |
| 20.0 | 1054 | 11.0 | | | 0.24 | 1.2 | | 8.4 | 9.8 | 95 | | 0.49 | 38 | | 11.28 | 10.94 | 8.38 |
| 20.0 | 1054 | 12.0 | | | 0.24 | 1.2 | | 8.4 | 9.8 | 95 | | 0.47 | 38 | | 11.34 | 10.94 | 8.43 |
| 20.0 | 1054 | 13.0 | | | 0.24 | 1.2 | | 8.4 | 9.8 | 95 | | 0.46 | 38 | | 11.46 | 10.95 | 8.52 |
| 20.0 | 1054 | 14.0 | | | 0.23 | 1.2 | | 8.5 | 9.8 | 96 | | 0.45 | 37 | | 11.59 | 10.96 | 8.62 |
| 20.0 | 1054 | 15.0 | | | 0.21 | 1.2 | | 8.4 | 9.8 | 97 | | 0.39 | 35 | | 14.28 | 11.15 | 10.68 |
| 20.0 | 1054 | 16.0 | | | 0.20 | 1.1 | | 8.5 | 9.8 | 99 | | 0.24 | 30 | | 15.95 | 11.25 | 11.95 |
| 20.0 | 1054 | 17.0 | | | 0.18 | 1.1 | | 8.1 | 9.6 | 101 | | 0.16 | 27 | | 21.05 | 11.66 | 15.84 |
| 20.0 | 1054 | 18.0 | | | 0.17 | 1.1 | | 8.0 | 9.5 | 102 | | 0.15 | 27 | | 23.39 | 11.83 | 17.62 |
| 20.0 | 1054 | 19.0 | | | 0.16 | 1.1 | | 7.9 | 9.5 | 103 | | 0.15 | 27 | | 24.35 | 11.92 | 18.35 |
| 20.0 | 1054 | 20.0 | | | 0.16 | 1.1 | | 7.9 | 9.5 | 103 | | 0.16 | 27 | | 25.32 | 11.98 | 19.09 |
| 20.0 | 1054 | 21.0 | | | 0.15 | 1.1 | | 7.8 | 9.4 | 103 | | 0.15 | 27 | | 25.64 | 12.00 | 19.33 |
| 20.0 | 1054 | 22.0 | | | 0.15 | 1.1 | | 7.9 | 9.4 | 104 | | 0.15 | 27 | | 26.02 | 12.06 | 19.62 |
| 20.0 | 1054 | 23.0 | | | 0.15 | 1.1 | | 7.8 | 9.4 | 104 | | 0.18 | 28 | | 27.22 | 12.16 | 20.53 |
| 20.0 | 1054 | 24.0 | | | 0.15 | 1.1 | | 7.7 | 9.4 | 104 | | 0.29 | 32 | | 27.55 | 12.17 | 20.78 |
| 20.0 | 1054 | 25.0 | | | 0.16 | 1.1 | | 7.7 | 9.4 | 104 | | 0.40 | 36 | | 27.92 | 12.22 | 21.06 |
| 20.0 | 1054 | 26.0 | | | 0.18 | 1.1 | | 7.6 | 9.3 | 104 | | 0.53 | 40 | | 28.56 | 12.28 | 21.54 |

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|-------------------------------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|------------------|--------------|------------|-------------|-----------|-------|--------|-------|-----------|
| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | CALC SPM | EXCOF | SALIN | TEMP | SIGT | |
| 20.0 | 1054 | 27.0 | | | 0.17 | 1.1 | | 7.6 | 9.3 | 104 | | 1.20 | 63 | | 29.34 | 12.27 | 22.15 | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | n | r^2 | | Slope | | Inter. | | Std. Err. |
| | | | | | | | | | | | 10 | 0.008 | | 0.825 | | 0.978 | | 0.416 |
| Fluorometer Calibration: | | | | | | | | | | | 7 | 0.936 | | 35.052 | | 21.416 | | 17.212 |
| OBS Calibration: | | | | | | | | | | | 8 | 0.430 | | 0.588 | | 4.827 | | 0.163 |
| Dissolved Oxygen Calibration: | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | Std. Err. | | | | |

SeaBird v4.026

97028

January 28, 1997

South San Francisco Bay

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 36.0 | 0624 | 1.0 | 0.9 | 0.70 | 0.29 | 1.9 | 7.4 | 8.6 | 84 | | 1.75 | 81 | | 5.90 | 12.46 | 4.02 |
| 36.0 | 0624 | 2.0 | | | 0.28 | 1.7 | 7.3 | 8.4 | 83 | 69.5 | 1.49 | 68 | | 7.82 | 12.26 | 5.53 |
| 36.0 | 0624 | 3.0 | | | 0.26 | 1.1 | 7.4 | 8.6 | 85 | | 1.27 | 58 | | 10.35 | 11.88 | 7.54 |
| 36.0 | 0624 | 4.0 | | | 0.24 | 0.9 | 7.4 | 8.6 | 86 | | 0.88 | 40 | | 11.18 | 11.72 | 8.20 |
| 36.0 | 0624 | 5.0 | | | 0.24 | 0.9 | 7.5 | 8.7 | 86 | | 0.55 | 25 | | 11.60 | 11.64 | 8.54 |
| 36.0 | 0624 | 6.0 | | | 0.25 | 1.0 | 7.4 | 8.7 | 86 | | 0.54 | 25 | | 11.68 | 11.63 | 8.60 |
| 36.0 | 0624 | 7.0 | | | 0.25 | 1.1 | 7.5 | 8.7 | 86 | | 0.56 | 26 | | 11.78 | 11.61 | 8.68 |
| 34.0 | 0713 | 1.0 | | | 0.34 | 3.0 | 7.4 | 8.6 | 82 | | 1.88 | 86 | | 2.58 | 12.50 | 1.45 |
| 34.0 | 0713 | 2.0 | | | 0.34 | 3.0 | 7.4 | 8.6 | 82 | | 1.82 | 83 | | 2.84 | 12.42 | 1.66 |
| 34.0 | 0713 | 3.0 | | | 0.33 | 2.9 | 7.4 | 8.6 | 83 | | 1.79 | 82 | | 4.17 | 12.39 | 2.69 |
| 34.0 | 0713 | 4.0 | | | 0.32 | 2.6 | 7.3 | 8.5 | 82 | | 1.48 | 68 | | 5.07 | 12.39 | 3.39 |
| 34.0 | 0713 | 5.0 | | | 0.30 | 2.2 | 7.3 | 8.5 | 83 | | 1.27 | 58 | | 8.16 | 12.11 | 5.81 |
| 34.0 | 0713 | 6.0 | | | 0.29 | 1.8 | 7.3 | 8.5 | 84 | | 0.85 | 39 | | 9.33 | 11.95 | 6.74 |
| 34.0 | 0713 | 7.0 | | | 0.29 | 1.8 | 7.3 | 8.5 | 85 | | 0.63 | 29 | | 11.68 | 11.72 | 8.59 |
| 32.0 | 0734 | 1.0 | | | 0.31 | 2.3 | 7.6 | 8.9 | 86 | | 0.44 | 20 | | 5.51 | 12.54 | 3.71 |
| 32.0 | 0734 | 2.0 | 1.1 | 0.91 | 0.30 | 2.1 | 7.5 | 8.7 | 85 | 15.0 | 0.44 | 20 | | 7.72 | 12.40 | 5.44 |
| 32.0 | 0734 | 3.0 | | | 0.28 | 1.7 | 7.5 | 8.7 | 86 | | 0.37 | 17 | | 9.90 | 12.08 | 7.16 |
| 32.0 | 0734 | 4.0 | | | 0.28 | 1.7 | 7.5 | 8.7 | 87 | | 0.27 | 13 | | 11.00 | 11.87 | 8.04 |
| 32.0 | 0734 | 5.0 | | | 0.29 | 1.8 | 7.4 | 8.6 | 86 | | 0.27 | 13 | | 11.37 | 11.78 | 8.34 |
| 32.0 | 0734 | 6.0 | | | 0.28 | 1.7 | 7.5 | 8.7 | 87 | | 0.29 | 13 | | 12.22 | 11.58 | 9.02 |
| 32.0 | 0734 | 7.0 | | | 0.28 | 1.6 | 7.5 | 8.7 | 87 | | 0.31 | 14 | | 12.57 | 11.49 | 9.31 |
| 32.0 | 0734 | 8.0 | | | 0.26 | 1.2 | 7.5 | 8.7 | 87 | | 0.31 | 14 | | 12.86 | 11.41 | 9.54 |
| 32.0 | 0734 | 9.0 | | | 0.25 | 1.0 | 7.5 | 8.7 | 87 | | 0.41 | 19 | | 13.07 | 11.36 | 9.71 |
| 32.0 | 0734 | 10.0 | | | 0.25 | 0.9 | 7.5 | 8.8 | 87 | | 0.56 | 26 | | 13.19 | 11.33 | 9.81 |
| 32.0 | 0734 | 11.0 | | | 0.24 | 0.7 | 7.5 | 8.8 | 87 | | 0.60 | 28 | | 13.26 | 11.32 | 9.86 |
| 32.0 | 0734 | 12.0 | 1.2 | 0.70 | 0.24 | 0.7 | 7.6 | 8.8 | 88 | | 0.57 | 26 | | 13.32 | 11.32 | 9.91 |
| 30.0 | 0800 | 1.0 | | | 0.34 | 3.1 | 8.1 | 9.4 | 93 | | 0.17 | 8 | 1.7 | 8.51 | 12.38 | 6.05 |
| 30.0 | 0800 | 2.0 | 1.6 | 0.90 | 0.34 | 3.0 | 7.8 | 9.2 | 91 | 9.2 | 0.15 | 7 | | 9.22 | 12.34 | 6.60 |
| 30.0 | 0800 | 3.0 | | | 0.33 | 2.7 | 7.9 | 9.3 | 92 | | 0.15 | 7 | | 11.37 | 11.93 | 8.32 |
| 30.0 | 0800 | 4.0 | | | 0.32 | 2.6 | 8.0 | 9.3 | 93 | | 0.13 | 6 | | 12.05 | 11.83 | 8.85 |
| 30.0 | 0800 | 5.0 | | | 0.30 | 2.2 | 7.8 | 9.1 | 91 | | 0.10 | 5 | | 12.38 | 11.76 | 9.12 |
| 30.0 | 0800 | 6.0 | | | 0.28 | 1.6 | 7.7 | 9.0 | 90 | | 0.09 | 4 | | 13.51 | 11.46 | 10.03 |
| 30.0 | 0800 | 7.0 | | | 0.27 | 1.4 | 7.8 | 9.1 | 91 | | 0.08 | 4 | | 14.23 | 11.25 | 10.62 |
| 30.0 | 0800 | 8.0 | | | 0.27 | 1.4 | 7.8 | 9.1 | 91 | | 0.08 | 4 | | 14.33 | 11.23 | 10.70 |
| 30.0 | 0800 | 9.0 | | | 0.28 | 1.6 | 7.8 | 9.1 | 91 | | 0.13 | 6 | | 14.34 | 11.23 | 10.71 |
| 30.0 | 0800 | 10.0 | | | 0.29 | 1.8 | 7.8 | 9.2 | 92 | | 0.16 | 8 | | 14.34 | 11.23 | 10.71 |
| 30.0 | 0800 | 11.0 | | | 0.28 | 1.6 | 7.9 | 9.2 | 92 | | 0.18 | 8 | | 14.35 | 11.23 | 10.72 |
| 30.0 | 0800 | 12.0 | | | 0.27 | 1.5 | 7.9 | 9.2 | 92 | | 0.20 | 9 | | 14.35 | 11.23 | 10.72 |
| 30.0 | 0800 | 13.0 | 1.8 | 0.74 | 0.27 | 1.5 | 7.9 | 9.2 | 92 | | 0.23 | 10 | | 14.36 | 11.23 | 10.73 |

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| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 29.0 | 0821 | 1.0 | | | 0.51 | 6.9 | | 8.5 | 9.9 | 98 | 0.06 | 3 | 1.1 | 9.64 | 11.92 | 6.98 |
| 29.0 | 0821 | 2.0 | | | 0.49 | 6.3 | | 8.4 | 9.9 | 98 | 0.06 | 3 | | 10.60 | 12.04 | 7.71 |
| 29.0 | 0821 | 3.0 | | | 0.42 | 4.8 | | 8.2 | 9.6 | 96 | 0.06 | 3 | | 11.36 | 12.13 | 8.28 |
| 29.0 | 0821 | 4.0 | | | 0.39 | 4.1 | | 8.2 | 9.5 | 96 | 0.06 | 3 | | 11.99 | 11.97 | 8.79 |
| 29.0 | 0821 | 5.0 | | | 0.37 | 3.7 | | 8.3 | 9.7 | 97 | 0.07 | 3 | | 12.46 | 11.85 | 9.17 |
| 29.0 | 0821 | 6.0 | | | 0.36 | 3.6 | | 8.3 | 9.7 | 97 | 0.07 | 3 | | 12.74 | 11.88 | 9.38 |
| 29.0 | 0821 | 7.0 | | | 0.38 | 3.9 | | 8.3 | 9.7 | 98 | 0.06 | 3 | | 12.81 | 11.89 | 9.44 |
| 29.0 | 0821 | 8.0 | | | 0.39 | 4.1 | | 8.3 | 9.7 | 98 | 0.05 | 3 | | 12.88 | 11.90 | 9.49 |
| 29.0 | 0821 | 9.0 | | | 0.40 | 4.3 | | 8.2 | 9.6 | 97 | 0.06 | 3 | | 12.91 | 11.89 | 9.52 |
| 29.0 | 0821 | 10.0 | | | 0.40 | 4.4 | | 8.1 | 9.4 | 95 | 0.06 | 3 | | 13.40 | 11.72 | 9.91 |
| 29.0 | 0821 | 11.0 | | | 0.37 | 3.7 | | 8.0 | 9.3 | 93 | 0.07 | 3 | | 13.97 | 11.48 | 10.39 |
| 29.0 | 0821 | 12.0 | | | 0.33 | 2.9 | | 7.9 | 9.3 | 93 | 0.07 | 3 | | 14.43 | 11.29 | 10.77 |
| 29.0 | 0821 | 13.0 | | | 0.31 | 2.3 | | 7.9 | 9.2 | 93 | 0.07 | 3 | | 14.70 | 11.22 | 10.99 |
| 29.0 | 0821 | 14.0 | | | 0.30 | 2.0 | | 7.9 | 9.2 | 92 | 0.10 | 5 | | 14.95 | 11.16 | 11.20 |
| 29.0 | 0821 | 15.0 | | | 0.30 | 2.1 | | 8.0 | 9.3 | 93 | 0.16 | 7 | | 15.11 | 11.12 | 11.32 |
| 27.0 | 0848 | 1.0 | | | 0.70 | 11.2 | | 8.8 | 10.4 | 103 | 0.05 | 2 | 1.0 | 11.72 | 11.49 | 8.65 |
| 27.0 | 0848 | 2.0 | | | 0.62 | 9.3 | | 8.8 | 10.3 | 103 | 0.05 | 2 | | 12.31 | 11.55 | 9.09 |
| 27.0 | 0848 | 3.0 | 10.0 | 0.93 | 0.47 | 6.1 | 10.2 | 8.5 | 9.9 | 100 | 0.05 | 2 | | 12.98 | 11.71 | 9.59 |
| 27.0 | 0848 | 4.0 | | | 0.40 | 4.4 | | 8.4 | 9.9 | 99 | 0.04 | 2 | | 13.72 | 11.53 | 10.19 |
| 27.0 | 0848 | 5.0 | | | 0.38 | 3.9 | | 8.4 | 9.8 | 99 | 0.03 | 2 | | 13.96 | 11.55 | 10.37 |
| 27.0 | 0848 | 6.0 | | | 0.36 | 3.4 | | 8.3 | 9.7 | 98 | 0.03 | 1 | | 14.18 | 11.55 | 10.54 |
| 27.0 | 0848 | 7.0 | | | 0.33 | 2.9 | | 8.3 | 9.7 | 97 | 0.03 | 1 | | 14.53 | 11.37 | 10.84 |
| 27.0 | 0848 | 8.0 | | | 0.31 | 2.3 | | 8.2 | 9.6 | 97 | 0.03 | 2 | | 14.68 | 11.32 | 10.96 |
| 27.0 | 0848 | 9.0 | | | 0.28 | 1.7 | | 8.2 | 9.6 | 96 | 0.04 | 2 | | 14.82 | 11.27 | 11.07 |
| 27.0 | 0848 | 10.0 | | | 0.26 | 1.2 | | 8.1 | 9.5 | 96 | 0.05 | 2 | | 15.13 | 11.17 | 11.33 |
| 27.0 | 0848 | 11.0 | | | 0.25 | 0.9 | | 8.1 | 9.5 | 95 | 0.06 | 3 | | 15.39 | 11.10 | 11.54 |
| 27.0 | 0848 | 12.0 | | | 0.25 | 1.0 | | 8.2 | 9.6 | 96 | 0.14 | 6 | | 15.39 | 11.10 | 11.54 |
| 25.0 | 0919 | 1.0 | | | 0.63 | 9.5 | | 8.9 | 10.5 | 103 | 0.08 | 4 | 1.1 | 11.04 | 11.39 | 8.13 |
| 25.0 | 0919 | 2.0 | | | 0.55 | 7.8 | | 8.9 | 10.5 | 103 | 0.07 | 3 | | 11.37 | 11.43 | 8.39 |
| 25.0 | 0919 | 3.0 | | | 0.48 | 6.2 | | 8.9 | 10.5 | 103 | 0.07 | 3 | | 11.61 | 11.46 | 8.57 |
| 25.0 | 0919 | 4.0 | | | 0.43 | 5.0 | | 8.9 | 10.5 | 104 | 0.06 | 3 | | 11.76 | 11.46 | 8.68 |
| 25.0 | 0919 | 5.0 | | | 0.39 | 4.2 | | 8.8 | 10.3 | 102 | 0.06 | 3 | | 12.24 | 11.50 | 9.05 |
| 25.0 | 0919 | 6.0 | | | 0.35 | 3.3 | | 8.6 | 10.0 | 100 | 0.05 | 3 | | 13.65 | 11.43 | 10.15 |
| 25.0 | 0919 | 7.0 | | | 0.32 | 2.5 | | 8.5 | 10.0 | 100 | 0.05 | 2 | | 14.31 | 11.36 | 10.67 |
| 25.0 | 0919 | 8.0 | | | 0.32 | 2.5 | | 8.5 | 9.9 | 100 | 0.06 | 3 | | 14.54 | 11.35 | 10.85 |
| 24.0 | 0938 | 1.0 | | | 0.35 | 3.2 | | 8.3 | 9.7 | 93 | 0.19 | 9 | 1.4 | 9.08 | 10.83 | 6.69 |
| 24.0 | 0938 | 2.0 | 3.7 | 0.96 | 0.34 | 2.9 | 9.9 | 8.3 | 9.7 | 93 | 0.18 | 8 | | 9.62 | 10.84 | 7.11 |
| 24.0 | 0938 | 3.0 | | | 0.34 | 2.9 | | 8.4 | 9.8 | 95 | 0.18 | 8 | | 10.03 | 10.88 | 7.42 |
| 24.0 | 0938 | 4.0 | | | 0.34 | 3.0 | | 8.4 | 9.8 | 96 | 0.17 | 8 | | 11.50 | 11.04 | 8.54 |
| 24.0 | 0938 | 5.0 | | | 0.31 | 2.4 | | 8.2 | 9.5 | 95 | 0.16 | 7 | | 13.74 | 11.23 | 10.25 |

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| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 24.0 | 0938 | 6.0 | | | 0.29 | 1.9 | | 8.1 | 9.5 | 95 | | 0.13 | 6 | | 14.11 | 11.23 | 10.53 |
| 24.0 | 0938 | 7.0 | | | 0.28 | 1.7 | | 8.1 | 9.5 | 95 | | 0.12 | 6 | | 14.14 | 11.23 | 10.55 |
| 24.0 | 0938 | 8.0 | | | 0.28 | 1.6 | | 8.1 | 9.5 | 95 | | 0.12 | 6 | | 14.15 | 11.23 | 10.56 |
| 24.0 | 0938 | 9.0 | | | 0.27 | 1.5 | | 8.1 | 9.5 | 95 | | 0.13 | 6 | | 14.15 | 11.23 | 10.57 |
| 24.0 | 0938 | 10.0 | 1.8 | 0.73 | 0.27 | 1.5 | | 8.1 | 9.5 | 95 | | 0.14 | 6 | | 14.16 | 11.23 | 10.57 |
| 22.0 | 1010 | 1.0 | | | 0.40 | 4.3 | | 8.4 | 9.8 | 95 | | 0.14 | 6 | 1.2 | 10.17 | 11.05 | 7.51 |
| 22.0 | 1010 | 2.0 | | | 0.39 | 4.2 | | 8.4 | 9.8 | 95 | | 0.13 | 6 | | 10.15 | 11.05 | 7.49 |
| 22.0 | 1010 | 3.0 | | | 0.37 | 3.6 | | 8.4 | 9.8 | 95 | | 0.13 | 6 | | 10.31 | 11.05 | 7.61 |
| 22.0 | 1010 | 4.0 | | | 0.33 | 2.7 | | 8.4 | 9.8 | 96 | | 0.13 | 6 | | 10.55 | 11.05 | 7.80 |
| 22.0 | 1010 | 5.0 | | | 0.30 | 2.1 | | 8.4 | 9.8 | 96 | | 0.13 | 6 | | 11.78 | 11.07 | 8.75 |
| 22.0 | 1010 | 6.0 | | | 0.28 | 1.6 | | 8.4 | 9.8 | 96 | | 0.10 | 5 | | 12.15 | 11.15 | 9.03 |
| 22.0 | 1010 | 7.0 | | | 0.27 | 1.5 | | 8.4 | 9.8 | 97 | | 0.09 | 4 | | 12.69 | 11.19 | 9.44 |
| 22.0 | 1010 | 8.0 | | | 0.27 | 1.5 | | 8.3 | 9.8 | 97 | | 0.08 | 4 | | 13.51 | 11.30 | 10.06 |
| 22.0 | 1010 | 9.0 | | | 0.27 | 1.3 | | 8.3 | 9.7 | 97 | | 0.09 | 4 | | 13.75 | 11.38 | 10.23 |
| 22.0 | 1010 | 10.0 | | | 0.27 | 1.3 | | 8.2 | 9.6 | 96 | | 0.10 | 5 | | 13.98 | 11.39 | 10.41 |
| 22.0 | 1010 | 11.0 | | | 0.26 | 1.3 | | 8.2 | 9.5 | 96 | | 0.13 | 6 | | 14.57 | 11.36 | 10.87 |
| 22.0 | 1010 | 12.0 | | | 0.25 | 1.0 | | 8.1 | 9.4 | 95 | | 0.14 | 7 | | 15.16 | 11.32 | 11.33 |
| 22.0 | 1010 | 13.0 | | | 0.23 | 0.6 | | 8.0 | 9.4 | 95 | | 0.14 | 6 | | 16.49 | 11.27 | 12.37 |
| 22.0 | 1010 | 14.0 | | | 0.22 | 0.3 | | 8.0 | 9.3 | 95 | | 0.13 | 6 | | 17.42 | 11.27 | 13.09 |
| 22.0 | 1010 | 15.0 | | | 0.20 | 0.0 | | 8.3 | 9.7 | 99 | | 0.12 | 6 | | 18.01 | 11.28 | 13.54 |
| 22.0 | 1010 | 16.0 | | | 0.19 | 0.0 | | 7.9 | 9.2 | 98 | | 0.19 | 9 | | 23.07 | 11.75 | 17.38 |
| 22.0 | 1010 | 17.0 | | | 0.19 | 0.0 | | 7.7 | 9.0 | 97 | | 0.56 | 26 | | 24.79 | 11.90 | 18.69 |
| 22.0 | 1010 | 18.0 | | | 0.20 | 0.0 | | 7.6 | 8.9 | 97 | | 1.47 | 68 | | 25.45 | 11.95 | 19.19 |
| 22.0 | 1010 | 19.0 | | | 0.22 | 0.3 | | 7.5 | 8.8 | 96 | | 1.81 | 83 | | 25.80 | 11.99 | 19.46 |
| 22.0 | 1010 | 20.0 | | | 0.22 | 0.4 | | 7.5 | 8.7 | 95 | | 2.21 | 102 | | 25.51 | 12.00 | 19.23 |
| 21.0 | 1028 | 1.0 | | | 0.30 | 2.1 | | 8.5 | 9.9 | 95 | | 0.55 | 25 | 2.5 | 8.03 | 10.81 | 5.88 |
| 21.0 | 1028 | 2.0 | 1.1 | 0.86 | 0.30 | 2.1 | 9.9 | 8.5 | 9.9 | 95 | | 0.54 | 25 | | 8.14 | 10.81 | 5.96 |
| 21.0 | 1028 | 3.0 | | | 0.29 | 1.8 | | 8.5 | 9.9 | 95 | | 0.52 | 24 | | 8.41 | 10.81 | 6.17 |
| 21.0 | 1028 | 4.0 | | | 0.28 | 1.6 | | 8.4 | 9.9 | 95 | | 0.46 | 21 | | 9.29 | 10.83 | 6.85 |
| 21.0 | 1028 | 5.0 | | | 0.28 | 1.6 | | 8.5 | 10.0 | 96 | | 0.41 | 19 | | 9.41 | 10.85 | 6.94 |
| 21.0 | 1028 | 6.0 | | | 0.27 | 1.5 | | 8.4 | 9.9 | 96 | | 0.30 | 14 | | 10.50 | 10.95 | 7.78 |
| 21.0 | 1028 | 7.0 | | | 0.26 | 1.2 | | 8.4 | 9.8 | 96 | | 0.14 | 6 | | 11.55 | 10.99 | 8.58 |
| 21.0 | 1028 | 8.0 | | | 0.26 | 1.2 | | 8.4 | 9.8 | 96 | | 0.10 | 5 | | 12.05 | 11.03 | 8.96 |
| 21.0 | 1028 | 9.0 | | | 0.27 | 1.5 | | 8.5 | 9.9 | 98 | | 0.09 | 4 | | 12.30 | 11.10 | 9.14 |
| 21.0 | 1028 | 10.0 | | | 0.28 | 1.7 | | 8.4 | 9.8 | 98 | | 0.07 | 3 | | 12.68 | 11.30 | 9.42 |
| 21.0 | 1028 | 11.0 | | | 0.27 | 1.5 | | 8.4 | 9.8 | 97 | | 0.06 | 3 | | 13.14 | 11.29 | 9.77 |
| 21.0 | 1028 | 12.0 | | | 0.25 | 1.1 | | 8.3 | 9.7 | 97 | | 0.06 | 3 | | 13.81 | 11.26 | 10.30 |
| 21.0 | 1028 | 13.0 | | | 0.24 | 0.7 | | 8.2 | 9.6 | 96 | | 0.09 | 4 | | 14.62 | 11.23 | 10.93 |
| 21.0 | 1028 | 14.0 | | | 0.23 | 0.5 | | 8.3 | 9.7 | 97 | | 0.10 | 5 | | 14.74 | 11.23 | 11.02 |
| 21.0 | 1028 | 15.0 | | | 0.21 | 0.0 | | 8.5 | 9.9 | 100 | | 0.17 | 8 | | 15.45 | 11.27 | 11.57 |
| 21.0 | 1028 | 16.0 | | | 0.18 | 0.0 | | 8.0 | 9.4 | 100 | | 0.34 | 16 | | 22.27 | 11.81 | 16.76 |

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|-------------------------------|------|-------|-------|------|-------|-------|------------|------------|-----------|------------------|-----------|---------|----------|-------|-------|-------|-------|--|--|
| STN | TIME | DEPTH | DISCR | | CHL a | FLUOR | CALC CHL a | DISCR OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | CALC SPM | EXCOF | SALIN | TEMP | SIGT | | |
| | | | CHL a | OXYG | | | | | | | | | | | | | | | |
| 21.0 | 1028 | 17.0 | 1.1 | 0.77 | 0.19 | 0.0 | 7.8 | 9.1 | 99 | | | 0.37 | 17 | | 25.62 | 12.03 | 19.31 | | |
| ----- | | | | | | | | | | | | | | | | | | | |
| Fluorometer Calibration: | | | | | | | | | | | | | | | | | | | |
| OBS Calibration: | | | | | | | | | | | | | | | | | | | |
| Dissolved Oxygen Calibration: | | | | | | | | | | | | | | | | | | | |
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South San Francisco Bay February 14, 1997 97045

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|--------------|--------------|--------------|------|-------------|-------|-------|-------|------|
| 36.0 | 0830 | 1.0 | | | 0.46 | 4.4 | | 8.5 | 7.5 | 73 | 0.53 | 41 | 2.7 | 6.82 | 12.06 | 4.78 |
| 36.0 | 0830 | 2.0 | 3.7 | 0.72 | 0.46 | 4.3 | 7.2 | 8.6 | 7.7 | 75 | 0.59 | 45 | | 7.40 | 12.38 | 5.19 |
| 36.0 | 0830 | 3.0 | | | 0.47 | 4.4 | | 8.5 | 7.6 | 75 | 0.74 | 56 | | 7.92 | 12.50 | 5.57 |
| 36.0 | 0830 | 4.0 | | | 0.48 | 4.5 | | 8.6 | 7.7 | 76 | 0.66 | 51 | | 8.10 | 12.49 | 5.71 |
| 36.0 | 0830 | 5.0 | | | 0.48 | 4.6 | | 8.6 | 7.7 | 76 | 0.63 | 48 | | 8.31 | 12.52 | 5.87 |
| 36.0 | 0830 | 6.0 | | | 0.48 | 4.6 | | 8.6 | 7.7 | 76 | 0.68 | 51 | | 8.40 | 12.52 | 5.95 |
| 36.0 | 0830 | 7.0 | | | 0.49 | 4.6 | | 8.6 | 7.7 | 76 | 0.70 | 53 | | 8.49 | 12.52 | 6.01 |
| 36.0 | 0830 | 8.0 | 3.7 | 0.59 | 0.49 | 4.6 | | 8.6 | 7.7 | 76 | 0.74 | 56 | | 8.57 | 12.52 | 6.08 |
| 35.0 | 0845 | 1.0 | | | 0.53 | 5.1 | | 9.5 | 8.8 | 86 | 0.44 | 34 | 2.8 | 6.90 | 12.05 | 4.85 |
| 35.0 | 0845 | 2.0 | | | 0.51 | 4.8 | | 9.3 | 8.6 | 85 | 0.40 | 31 | | 8.19 | 12.37 | 5.80 |
| 35.0 | 0845 | 3.0 | | | 0.49 | 4.7 | | 9.3 | 8.5 | 85 | 0.38 | 29 | | 8.53 | 12.45 | 6.05 |
| 35.0 | 0845 | 4.0 | | | 0.51 | 4.8 | | 9.3 | 8.5 | 84 | 0.39 | 30 | | 8.71 | 12.48 | 6.19 |
| 35.0 | 0845 | 5.0 | | | 0.53 | 5.1 | | 9.2 | 8.5 | 85 | 0.44 | 34 | | 8.95 | 12.49 | 6.37 |
| 35.0 | 0845 | 6.0 | | | 0.54 | 5.2 | | 9.2 | 8.5 | 84 | 0.48 | 37 | | 9.13 | 12.49 | 6.51 |
| 35.0 | 0845 | 7.0 | | | 0.57 | 5.5 | | 9.2 | 8.5 | 85 | 0.56 | 43 | | 9.25 | 12.49 | 6.61 |
| 35.0 | 0845 | 8.0 | | | 0.57 | 5.5 | | 9.2 | 8.5 | 84 | 0.59 | 45 | | 9.38 | 12.49 | 6.70 |
| 34.0 | 0856 | 1.0 | | | 0.49 | 4.7 | | 9.1 | 8.3 | 82 | 0.80 | 60 | 3.5 | 8.11 | 12.16 | 5.77 |
| 34.0 | 0856 | 2.0 | | | 0.50 | 4.8 | | 9.2 | 8.4 | 82 | 0.96 | 72 | | 8.37 | 12.18 | 5.96 |
| 34.0 | 0856 | 3.0 | | | 0.52 | 5.0 | | 9.2 | 8.4 | 83 | 0.94 | 71 | | 8.49 | 12.20 | 6.06 |
| 34.0 | 0856 | 4.0 | | | 0.56 | 5.4 | | 9.2 | 8.5 | 83 | 0.84 | 64 | | 8.57 | 12.20 | 6.12 |
| 34.0 | 0856 | 5.0 | | | 0.59 | 5.7 | | 9.2 | 8.5 | 84 | 0.87 | 65 | | 8.63 | 12.20 | 6.16 |
| 34.0 | 0856 | 6.0 | | | 0.60 | 5.7 | | 9.2 | 8.5 | 84 | 0.96 | 72 | | 8.65 | 12.21 | 6.18 |
| 34.0 | 0856 | 7.0 | | | 0.60 | 5.7 | | 9.2 | 8.5 | 84 | 1.11 | 83 | | 8.67 | 12.21 | 6.19 |
| 33.0 | 0909 | 1.0 | | | 0.57 | 5.4 | | 9.4 | 8.7 | 85 | 0.47 | 36 | 2.6 | 8.49 | 12.32 | 6.04 |
| 33.0 | 0909 | 2.0 | | | 0.56 | 5.4 | | 9.4 | 8.7 | 85 | 0.43 | 34 | | 8.45 | 12.32 | 6.01 |
| 33.0 | 0909 | 3.0 | | | 0.55 | 5.3 | | 9.4 | 8.7 | 86 | 0.44 | 34 | | 8.53 | 12.32 | 6.07 |
| 33.0 | 0909 | 4.0 | | | 0.55 | 5.2 | | 9.3 | 8.6 | 85 | 0.44 | 34 | | 8.57 | 12.31 | 6.10 |
| 33.0 | 0909 | 5.0 | | | 0.55 | 5.3 | | 9.3 | 8.6 | 85 | 0.44 | 34 | | 8.73 | 12.27 | 6.23 |
| 33.0 | 0909 | 6.0 | | | 0.56 | 5.4 | | 9.4 | 8.7 | 85 | 0.46 | 35 | | 8.74 | 12.25 | 6.24 |
| 33.0 | 0909 | 7.0 | | | 0.57 | 5.5 | | 9.4 | 8.7 | 86 | 0.47 | 36 | | 8.90 | 12.26 | 6.36 |
| 33.0 | 0909 | 8.0 | | | 0.58 | 5.6 | | 9.4 | 8.6 | 86 | 0.51 | 39 | | 9.06 | 12.28 | 6.49 |
| 33.0 | 0909 | 9.0 | | | 0.57 | 5.5 | | 9.4 | 8.6 | 86 | 0.59 | 45 | | 9.10 | 12.28 | 6.52 |
| 33.0 | 0909 | 10.0 | | | 0.57 | 5.5 | | 9.4 | 8.7 | 86 | 0.67 | 51 | | 9.16 | 12.29 | 6.56 |
| 33.0 | 0909 | 11.0 | | | 0.58 | 5.6 | | 9.4 | 8.6 | 86 | 0.74 | 56 | | 9.26 | 12.30 | 6.63 |
| 33.0 | 0909 | 12.0 | | | 0.61 | 5.9 | | 9.4 | 8.6 | 86 | 0.91 | 68 | | 9.31 | 12.31 | 6.68 |
| 33.0 | 0909 | 13.0 | | | 0.61 | 5.9 | | 9.3 | 8.6 | 85 | 1.05 | 79 | | 9.32 | 12.31 | 6.68 |
| 32.0 | 0920 | 1.0 | | | 0.57 | 5.5 | | 9.6 | 8.9 | 89 | 0.38 | 30 | 2.3 | 8.88 | 12.40 | 6.33 |
| 32.0 | 0920 | 2.0 | 5.1 | 0.74 | 0.58 | 5.6 | 8.7 | 9.6 | 8.9 | 89 | 0.36 | 28 | | 8.99 | 12.38 | 6.42 |
| 32.0 | 0920 | 3.0 | | | 0.58 | 5.6 | | 9.6 | 8.9 | 89 | 0.37 | 29 | | 9.22 | 12.38 | 6.60 |

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| STN | TIME | DEPTH | DISCR | CHL a/ a+PHA | FLUOR | CALC | DISCR | OXYG | OXYG | CALC | % OXY | DISCR | OBS | SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|-------|-----------------|-------|-------|-------|------|------|------|-------|-------|------|-----|-------|-------|-------|------|
| | | | CHL a | | | CHL a | OXYG | OXYG | | OXYG | SAT | SPM | | | | | | |
| 32.0 | 0920 | 4.0 | | | 0.57 | 5.5 | | 9.6 | 8.9 | 8.9 | 89 | | 0.39 | 30 | | 9.47 | 12.39 | 6.78 |
| 32.0 | 0920 | 5.0 | | | 0.57 | 5.5 | | 9.6 | 8.9 | 8.9 | 89 | | 0.44 | 34 | | 9.56 | 12.39 | 6.86 |
| 32.0 | 0920 | 6.0 | | | 0.59 | 5.7 | | 9.6 | 8.9 | 8.9 | 89 | | 0.55 | 42 | | 9.67 | 12.40 | 6.94 |
| 32.0 | 0920 | 7.0 | | | 0.61 | 5.8 | | 9.6 | 8.9 | 8.9 | 89 | | 0.61 | 47 | | 9.76 | 12.40 | 7.01 |
| 32.0 | 0920 | 8.0 | | | 0.62 | 6.0 | | 9.5 | 8.9 | 8.9 | 89 | | 0.79 | 59 | | 9.85 | 12.40 | 7.08 |
| 32.0 | 0920 | 9.0 | | | 0.63 | 6.1 | | 9.5 | 8.9 | 8.9 | 89 | | 0.94 | 70 | | 9.86 | 12.40 | 7.09 |
| 32.0 | 0920 | 10.0 | | | 0.64 | 6.2 | | 9.6 | 8.9 | 8.9 | 89 | | 1.06 | 80 | | 9.91 | 12.40 | 7.12 |
| 32.0 | 0920 | 11.0 | | | 0.64 | 6.2 | | 9.6 | 8.9 | 8.9 | 89 | | 1.27 | 95 | | 9.94 | 12.40 | 7.15 |
| 32.0 | 0920 | 12.0 | 6.3 | 0.62 | 0.64 | 6.2 | | 9.6 | 8.9 | 8.9 | 89 | | 1.49 | 111 | | 9.97 | 12.40 | 7.17 |
| 31.0 | 0931 | 1.0 | | | 0.68 | 6.6 | | 9.4 | 8.8 | 8.8 | 87 | | 0.25 | 20 | 2.0 | 9.81 | 12.44 | 7.04 |
| 31.0 | 0931 | 2.0 | | | 0.68 | 6.6 | | 9.4 | 8.7 | 8.7 | 87 | | 0.26 | 21 | | 9.80 | 12.45 | 7.03 |
| 31.0 | 0931 | 3.0 | | | 0.67 | 6.4 | | 9.4 | 8.7 | 8.7 | 87 | | 0.27 | 21 | | 9.84 | 12.45 | 7.06 |
| 31.0 | 0931 | 4.0 | | | 0.65 | 6.3 | | 9.4 | 8.7 | 8.7 | 87 | | 0.28 | 22 | | 10.21 | 12.38 | 7.36 |
| 31.0 | 0931 | 5.0 | | | 0.65 | 6.3 | | 9.4 | 8.7 | 8.7 | 87 | | 0.31 | 24 | | 10.34 | 12.36 | 7.46 |
| 31.0 | 0931 | 6.0 | | | 0.66 | 6.4 | | 9.4 | 8.7 | 8.7 | 87 | | 0.38 | 30 | | 10.41 | 12.35 | 7.52 |
| 31.0 | 0931 | 7.0 | | | 0.68 | 6.6 | | 9.4 | 8.7 | 8.7 | 87 | | 0.46 | 35 | | 10.45 | 12.34 | 7.55 |
| 31.0 | 0931 | 8.0 | | | 0.70 | 6.8 | | 9.4 | 8.7 | 8.7 | 87 | | 0.50 | 38 | | 10.49 | 12.34 | 7.58 |
| 31.0 | 0931 | 9.0 | | | 0.70 | 6.8 | | 9.4 | 8.7 | 8.7 | 87 | | 0.55 | 42 | | 10.52 | 12.33 | 7.60 |
| 31.0 | 0931 | 10.0 | | | 0.70 | 6.9 | | 9.4 | 8.7 | 8.7 | 87 | | 0.59 | 45 | | 10.56 | 12.33 | 7.63 |
| 31.0 | 0931 | 11.0 | | | 0.71 | 6.9 | | 9.4 | 8.7 | 8.7 | 87 | | 0.61 | 47 | | 10.57 | 12.33 | 7.64 |
| 31.0 | 0931 | 12.0 | | | 0.74 | 7.2 | | 9.4 | 8.7 | 8.7 | 87 | | 0.63 | 48 | | 10.59 | 12.33 | 7.66 |
| 31.0 | 0931 | 13.0 | | | 0.75 | 7.3 | | 9.4 | 8.7 | 8.7 | 87 | | 0.73 | 55 | | 10.61 | 12.32 | 7.67 |
| 30.0 | 0947 | 1.0 | | | 0.71 | 6.9 | | 9.2 | 8.4 | 8.4 | 84 | | 0.15 | 13 | 1.4 | 9.65 | 12.35 | 6.93 |
| 30.0 | 0947 | 2.0 | | 0.83 | 0.70 | 6.8 | | 9.2 | 8.4 | 8.4 | 84 | 8.2 | 0.13 | 11 | | 9.88 | 12.27 | 7.11 |
| 30.0 | 0947 | 3.0 | 7.1 | | 0.67 | 6.5 | 9.1 | 9.2 | 8.5 | 8.5 | 85 | | 0.12 | 10 | | 10.15 | 12.26 | 7.33 |
| 30.0 | 0947 | 4.0 | | | 0.66 | 6.4 | | 9.2 | 8.5 | 8.5 | 85 | | 0.12 | 11 | | 10.30 | 12.30 | 7.43 |
| 30.0 | 0947 | 5.0 | | | 0.66 | 6.4 | | 9.2 | 8.5 | 8.5 | 85 | | 0.14 | 12 | | 10.41 | 12.34 | 7.52 |
| 30.0 | 0947 | 6.0 | | | 0.66 | 6.4 | | 9.2 | 8.5 | 8.5 | 85 | | 0.14 | 12 | | 10.47 | 12.34 | 7.56 |
| 30.0 | 0947 | 7.0 | | | 0.67 | 6.5 | | 9.3 | 8.5 | 8.5 | 85 | | 0.20 | 16 | | 10.58 | 12.34 | 7.65 |
| 30.0 | 0947 | 8.0 | | | 0.70 | 6.8 | | 9.2 | 8.5 | 8.5 | 85 | | 0.43 | 33 | | 10.71 | 12.34 | 7.75 |
| 30.0 | 0947 | 9.0 | | | 0.74 | 7.3 | | 9.3 | 8.5 | 8.5 | 85 | | 0.51 | 39 | | 10.74 | 12.34 | 7.78 |
| 30.0 | 0947 | 10.0 | | | 0.80 | 7.8 | | 9.3 | 8.5 | 8.5 | 86 | | 0.75 | 57 | | 10.80 | 12.34 | 7.82 |
| 30.0 | 0947 | 11.0 | | | 0.83 | 8.2 | | 9.3 | 8.6 | 8.6 | 86 | | 0.86 | 65 | | 10.81 | 12.34 | 7.83 |
| 30.0 | 0947 | 12.0 | 8.5 | 0.74 | 0.83 | 8.1 | | 9.3 | 8.5 | 8.5 | 86 | | 0.90 | 68 | | 10.82 | 12.34 | 7.83 |
| 29.5 | 1000 | 1.0 | | | 0.69 | 6.7 | | 9.7 | 9.1 | 9.1 | 92 | | 0.12 | 10 | 1.4 | 10.08 | 12.63 | 7.22 |
| 29.5 | 1000 | 2.0 | | | 0.70 | 6.8 | | 9.8 | 9.3 | 9.3 | 93 | | 0.11 | 10 | | 10.33 | 12.28 | 7.47 |
| 29.5 | 1000 | 3.0 | | | 0.72 | 7.0 | | 9.9 | 9.3 | 9.3 | 93 | | 0.12 | 10 | | 10.33 | 12.29 | 7.47 |
| 29.5 | 1000 | 4.0 | | | 0.71 | 6.9 | | 9.9 | 9.4 | 9.4 | 93 | | 0.12 | 11 | | 10.40 | 12.28 | 7.52 |
| 29.5 | 1000 | 5.0 | | | 0.67 | 6.5 | | 10.0 | 9.4 | 9.4 | 94 | | 0.13 | 11 | | 10.71 | 12.28 | 7.76 |
| 29.5 | 1000 | 6.0 | | | 0.68 | 6.6 | | 9.9 | 9.4 | 9.4 | 94 | | 0.12 | 11 | | 10.79 | 12.32 | 7.81 |

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-------------|-------|-------|-------|------|
| 29.5 | 1000 | 7.0 | | | 0.69 | 6.7 | | 9.9 | 9.4 | 94 | | 0.14 | 12 | | 10.84 | 12.33 | 7.85 |
| 29.5 | 1000 | 8.0 | | | 0.71 | 6.9 | | 9.9 | 9.4 | 94 | | 0.16 | 14 | | 10.92 | 12.35 | 7.91 |
| 29.5 | 1000 | 9.0 | | | 0.73 | 7.1 | | 9.9 | 9.4 | 94 | | 0.20 | 16 | | 10.95 | 12.36 | 7.93 |
| 29.5 | 1000 | 10.0 | | | 0.76 | 7.5 | | 9.9 | 9.4 | 94 | | 0.24 | 19 | | 10.99 | 12.36 | 7.97 |
| 29.5 | 1000 | 11.0 | | | 0.79 | 7.8 | | 9.9 | 9.4 | 94 | | 0.28 | 22 | | 11.00 | 12.36 | 7.97 |
| 29.5 | 1000 | 12.0 | | | 0.80 | 7.8 | | 9.9 | 9.4 | 94 | | 0.29 | 23 | | 11.02 | 12.36 | 7.98 |
| 29.5 | 1000 | 13.0 | | | 0.81 | 7.9 | | 9.9 | 9.4 | 94 | | 0.33 | 26 | | 11.03 | 12.36 | 7.99 |
| 29.5 | 1000 | 14.0 | | | 0.81 | 7.9 | | 9.9 | 9.4 | 94 | | 0.34 | 27 | | 11.05 | 12.36 | 8.01 |
| 29.5 | 1000 | 15.0 | | | 0.81 | 7.9 | | 9.9 | 9.4 | 94 | | 0.40 | 31 | | 11.06 | 12.35 | 8.02 |
| 29.5 | 1000 | 16.0 | | | 0.81 | 7.9 | | 9.9 | 9.4 | 94 | | 0.44 | 34 | | 11.07 | 12.35 | 8.03 |
| 29.0 | 1012 | 1.0 | | | 0.97 | 9.6 | | 9.9 | 9.3 | 94 | | 0.13 | 11 | 1.6 | 10.59 | 12.62 | 7.61 |
| 29.0 | 1012 | 2.0 | | | 1.00 | 9.8 | | 10.0 | 9.4 | 95 | | 0.14 | 12 | | 10.74 | 12.50 | 7.75 |
| 29.0 | 1012 | 3.0 | | | 1.00 | 9.8 | | 10.0 | 9.5 | 95 | | 0.14 | 12 | | 10.65 | 12.57 | 7.67 |
| 29.0 | 1012 | 4.0 | | | 0.91 | 8.9 | | 9.9 | 9.3 | 94 | | 0.14 | 12 | | 10.69 | 12.63 | 7.69 |
| 29.0 | 1012 | 5.0 | | | 0.78 | 7.6 | | 9.7 | 9.1 | 92 | | 0.14 | 12 | | 11.10 | 12.49 | 8.03 |
| 29.0 | 1012 | 6.0 | | | 0.71 | 6.9 | | 9.7 | 9.1 | 92 | | 0.14 | 12 | | 11.41 | 12.40 | 8.28 |
| 29.0 | 1012 | 7.0 | | | 0.68 | 6.6 | | 9.7 | 9.1 | 92 | | 0.14 | 12 | | 11.52 | 12.42 | 8.37 |
| 29.0 | 1012 | 8.0 | | | 0.66 | 6.4 | | 9.7 | 9.1 | 92 | | 0.14 | 12 | | 11.65 | 12.41 | 8.47 |
| 29.0 | 1012 | 9.0 | | | 0.64 | 6.2 | | 9.7 | 9.1 | 92 | | 0.15 | 13 | | 11.75 | 12.39 | 8.54 |
| 29.0 | 1012 | 10.0 | | | 0.63 | 6.1 | | 9.7 | 9.0 | 91 | | 0.18 | 15 | | 11.82 | 12.38 | 8.60 |
| 29.0 | 1012 | 11.0 | | | 0.62 | 6.0 | | 9.7 | 9.0 | 91 | | 0.23 | 18 | | 11.91 | 12.36 | 8.67 |
| 29.0 | 1012 | 12.0 | | | 0.60 | 5.8 | | 9.6 | 9.0 | 91 | | 0.25 | 20 | | 11.92 | 12.35 | 8.68 |
| 29.0 | 1012 | 13.0 | | | 0.61 | 5.9 | | 9.6 | 9.0 | 91 | | 0.27 | 22 | | 11.94 | 12.34 | 8.70 |
| 29.0 | 1012 | 14.0 | | | 0.63 | 6.0 | | 9.6 | 9.0 | 91 | | 0.31 | 24 | | 11.98 | 12.34 | 8.73 |
| 29.0 | 1012 | 15.0 | | | 0.62 | 6.0 | | 9.7 | 9.0 | 91 | | 0.35 | 27 | | 11.99 | 12.34 | 8.73 |
| 28.0 | 1027 | 1.0 | | | 0.85 | 8.4 | | 10.1 | 9.6 | 96 | | 0.09 | 8 | 1.2 | 10.98 | 12.53 | 7.93 |
| 28.0 | 1027 | 2.0 | | | 0.91 | 8.9 | | 10.0 | 9.4 | 95 | | 0.10 | 9 | | 11.20 | 12.50 | 8.10 |
| 28.0 | 1027 | 3.0 | | | 0.87 | 8.6 | | 9.9 | 9.4 | 95 | | 0.10 | 9 | | 11.30 | 12.46 | 8.19 |
| 28.0 | 1027 | 4.0 | | | 0.81 | 8.0 | | 9.9 | 9.3 | 94 | | 0.10 | 9 | | 11.43 | 12.44 | 8.29 |
| 28.0 | 1027 | 5.0 | | | 0.74 | 7.2 | | 9.8 | 9.2 | 93 | | 0.10 | 9 | | 11.54 | 12.44 | 8.37 |
| 28.0 | 1027 | 6.0 | | | 0.65 | 6.3 | | 9.8 | 9.2 | 92 | | 0.09 | 9 | | 11.62 | 12.41 | 8.44 |
| 28.0 | 1027 | 7.0 | | | 0.57 | 5.4 | | 9.7 | 9.1 | 92 | | 0.09 | 8 | | 11.72 | 12.37 | 8.52 |
| 28.0 | 1027 | 8.0 | | | 0.52 | 4.9 | | 9.7 | 9.0 | 91 | | 0.09 | 9 | | 11.80 | 12.35 | 8.59 |
| 28.0 | 1027 | 9.0 | | | 0.49 | 4.7 | | 9.6 | 9.0 | 91 | | 0.13 | 11 | | 12.05 | 12.29 | 8.79 |
| 28.0 | 1027 | 10.0 | | | 0.49 | 4.7 | | 9.6 | 9.0 | 90 | | 0.23 | 19 | | 12.23 | 12.25 | 8.94 |
| 28.0 | 1027 | 11.0 | | | 0.50 | 4.7 | | 9.6 | 8.9 | 90 | | 0.31 | 25 | | 12.31 | 12.24 | 9.00 |
| 28.0 | 1027 | 12.0 | | | 0.51 | 4.8 | | 9.6 | 8.9 | 90 | | 0.38 | 30 | | 12.37 | 12.23 | 9.05 |
| 28.0 | 1027 | 13.0 | | | 0.52 | 5.0 | | 9.6 | 8.9 | 90 | | 0.49 | 38 | | 12.41 | 12.22 | 9.08 |
| 28.0 | 1027 | 14.0 | | | 0.55 | 5.3 | | 9.6 | 8.9 | 90 | | 0.63 | 48 | | 12.44 | 12.22 | 9.10 |
| 28.0 | 1027 | 15.0 | | | 0.55 | 5.2 | | 9.6 | 8.9 | 90 | | 0.73 | 55 | | 12.45 | 12.22 | 9.11 |

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| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------------|-------------|-------|-------|-------|-------|
| 27.0 | 1040 | 1.0 | | | 0.63 | 6.1 | | 10.1 | 9.6 | 97 | | 0.06 | 6 | 1.0 | 11.11 | 12.41 | 8.05 |
| 27.0 | 1040 | 2.0 | 6.0 | 0.75 | 0.61 | 5.9 | 9.4 | 10.1 | 9.6 | 96 | 5.7 | 0.06 | 6 | | 11.39 | 12.27 | 8.29 |
| 27.0 | 1040 | 3.0 | | | 0.58 | 5.6 | | 10.0 | 9.5 | 96 | | 0.06 | 6 | | 11.54 | 12.30 | 8.40 |
| 27.0 | 1040 | 4.0 | | | 0.55 | 5.3 | | 10.0 | 9.4 | 95 | | 0.06 | 6 | | 11.72 | 12.30 | 8.53 |
| 27.0 | 1040 | 5.0 | | | 0.49 | 4.7 | | 9.9 | 9.4 | 94 | | 0.05 | 5 | | 12.07 | 12.27 | 8.81 |
| 27.0 | 1040 | 6.0 | | | 0.44 | 4.2 | | 9.8 | 9.2 | 93 | | 0.05 | 5 | | 12.34 | 12.26 | 9.01 |
| 27.0 | 1040 | 7.0 | | | 0.41 | 3.8 | | 9.8 | 9.2 | 93 | | 0.08 | 8 | | 12.57 | 12.23 | 9.20 |
| 27.0 | 1040 | 8.0 | | | 0.38 | 3.5 | | 9.7 | 9.1 | 92 | | 0.14 | 12 | | 12.72 | 12.20 | 9.32 |
| 27.0 | 1040 | 9.0 | | | 0.36 | 3.3 | | 9.7 | 9.1 | 92 | | 0.19 | 16 | | 12.85 | 12.18 | 9.43 |
| 27.0 | 1040 | 10.0 | | | 0.36 | 3.3 | | 9.7 | 9.1 | 92 | | 0.25 | 20 | | 12.96 | 12.17 | 9.51 |
| 27.0 | 1040 | 11.0 | 4.1 | 0.67 | 0.37 | 3.4 | | 9.7 | 9.1 | 92 | | 0.30 | 24 | | 13.01 | 12.16 | 9.55 |
| 26.0 | 1050 | 1.0 | | | 0.62 | 6.0 | | 9.8 | 9.2 | 92 | | 0.05 | 6 | 1.4 | 11.60 | 12.31 | 8.44 |
| 26.0 | 1050 | 2.0 | | | 0.62 | 5.9 | | 9.7 | 9.1 | 92 | | 0.05 | 6 | | 11.91 | 12.29 | 8.68 |
| 26.0 | 1050 | 3.0 | | | 0.53 | 5.1 | | 9.6 | 8.9 | 90 | | 0.06 | 6 | | 12.33 | 12.25 | 9.01 |
| 26.0 | 1050 | 4.0 | | | 0.41 | 3.8 | | 9.5 | 8.8 | 89 | | 0.06 | 6 | | 12.93 | 12.20 | 9.48 |
| 26.0 | 1050 | 5.0 | | | 0.34 | 3.1 | | 9.4 | 8.7 | 89 | | 0.09 | 8 | | 13.21 | 12.18 | 9.70 |
| 26.0 | 1050 | 6.0 | | | 0.31 | 2.8 | | 9.4 | 8.7 | 88 | | 0.14 | 12 | | 13.37 | 12.18 | 9.83 |
| 26.0 | 1050 | 7.0 | | | 0.29 | 2.7 | | 9.4 | 8.7 | 88 | | 0.17 | 14 | | 13.43 | 12.18 | 9.87 |
| 26.0 | 1050 | 8.0 | | | 0.29 | 2.6 | | 9.4 | 8.7 | 88 | | 0.20 | 16 | | 13.50 | 12.18 | 9.93 |
| 26.0 | 1050 | 9.0 | | | 0.28 | 2.5 | | 9.4 | 8.7 | 88 | | 0.21 | 17 | | 13.53 | 12.18 | 9.95 |
| 26.0 | 1050 | 10.0 | | | 0.28 | 2.5 | | 9.4 | 8.7 | 88 | | 0.24 | 19 | | 13.55 | 12.18 | 9.96 |
| 25.0 | 1105 | 1.0 | | | 0.46 | 4.3 | | 9.8 | 9.2 | 94 | | 0.03 | 4 | 1.0 | 12.15 | 12.41 | 8.85 |
| 25.0 | 1105 | 2.0 | | | 0.43 | 4.1 | | 9.7 | 9.0 | 92 | | 0.03 | 4 | | 12.65 | 12.30 | 9.25 |
| 25.0 | 1105 | 3.0 | | | 0.38 | 3.5 | | 9.6 | 9.0 | 91 | | 0.04 | 5 | | 12.92 | 12.25 | 9.47 |
| 25.0 | 1105 | 4.0 | | | 0.33 | 3.0 | | 9.5 | 8.9 | 90 | | 0.06 | 6 | | 13.30 | 12.24 | 9.77 |
| 25.0 | 1105 | 5.0 | | | 0.29 | 2.6 | | 9.5 | 8.8 | 89 | | 0.07 | 7 | | 13.53 | 12.22 | 9.94 |
| 25.0 | 1105 | 6.0 | | | 0.26 | 2.4 | | 9.4 | 8.7 | 89 | | 0.09 | 8 | | 13.68 | 12.20 | 10.06 |
| 25.0 | 1105 | 7.0 | | | 0.26 | 2.3 | | 9.4 | 8.7 | 88 | | 0.10 | 9 | | 14.03 | 12.15 | 10.34 |
| 25.0 | 1105 | 8.0 | | | 0.26 | 2.3 | | 9.4 | 8.7 | 89 | | 0.16 | 13 | | 14.38 | 12.11 | 10.61 |
| 24.0 | 1118 | 1.0 | | | 0.39 | 3.6 | | 9.8 | 9.2 | 93 | | 0.02 | 3 | 1.0 | 12.52 | 12.43 | 9.13 |
| 24.0 | 1118 | 2.0 | 2.8 | 0.88 | 0.36 | 3.3 | 9.3 | 9.6 | 8.9 | 91 | 4.9 | 0.02 | 3 | | 13.23 | 12.28 | 9.70 |
| 24.0 | 1118 | 3.0 | | | 0.30 | 2.7 | | 9.5 | 8.8 | 89 | | 0.03 | 4 | | 13.58 | 12.21 | 9.98 |
| 24.0 | 1118 | 4.0 | | | 0.26 | 2.4 | | 9.4 | 8.7 | 89 | | 0.05 | 6 | | 13.90 | 12.18 | 10.23 |
| 24.0 | 1118 | 5.0 | | | 0.25 | 2.2 | | 9.3 | 8.6 | 87 | | 0.08 | 8 | | 14.24 | 12.15 | 10.50 |
| 24.0 | 1118 | 6.0 | | | 0.24 | 2.1 | | 9.2 | 8.5 | 87 | | 0.11 | 9 | | 14.73 | 12.10 | 10.89 |
| 24.0 | 1118 | 7.0 | | | 0.24 | 2.2 | | 9.2 | 8.4 | 86 | | 0.13 | 11 | | 15.23 | 12.06 | 11.27 |
| 24.0 | 1118 | 8.0 | | | 0.26 | 2.4 | | 9.1 | 8.3 | 86 | | 0.16 | 13 | | 15.57 | 12.05 | 11.54 |
| 24.0 | 1118 | 9.0 | | | 0.29 | 2.7 | | 9.1 | 8.3 | 85 | | 0.27 | 21 | | 15.87 | 12.05 | 11.78 |
| 24.0 | 1118 | 10.0 | 2.8 | 0.53 | 0.30 | 2.7 | | 9.1 | 8.3 | 86 | | 0.52 | 40 | | 16.10 | 12.05 | 11.95 |

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 23.0 | 1132 | 1.0 | | | 0.56 | 5.4 | | 9.9 | 9.3 | 95 | 0.02 | 3 | 0.7 | 12.12 | 12.71 | 8.78 |
| 23.0 | 1132 | 2.0 | | | 0.55 | 5.3 | | 9.8 | 9.2 | 94 | 0.02 | 3 | | 12.30 | 12.59 | 8.94 |
| 23.0 | 1132 | 3.0 | | | 0.49 | 4.6 | | 9.6 | 9.0 | 92 | 0.03 | 4 | | 12.78 | 12.44 | 9.34 |
| 23.0 | 1132 | 4.0 | | | 0.41 | 3.9 | | 9.6 | 8.9 | 90 | 0.03 | 4 | | 13.15 | 12.29 | 9.64 |
| 23.0 | 1132 | 5.0 | | | 0.37 | 3.4 | | 9.5 | 8.8 | 90 | 0.03 | 4 | | 13.21 | 12.24 | 9.69 |
| 23.0 | 1132 | 6.0 | | | 0.33 | 3.0 | | 9.5 | 8.9 | 90 | 0.03 | 4 | | 13.27 | 12.20 | 9.74 |
| 23.0 | 1132 | 7.0 | | | 0.29 | 2.6 | | 9.5 | 8.8 | 89 | 0.03 | 4 | | 13.38 | 12.18 | 9.83 |
| 23.0 | 1132 | 8.0 | | | 0.26 | 2.3 | | 9.4 | 8.6 | 88 | 0.04 | 5 | | 13.68 | 12.16 | 10.07 |
| 23.0 | 1132 | 9.0 | | | 0.25 | 2.2 | | 9.2 | 8.5 | 87 | 0.07 | 7 | | 14.41 | 12.10 | 10.64 |
| 23.0 | 1132 | 10.0 | | | 0.25 | 2.2 | | 9.1 | 8.3 | 85 | 0.09 | 9 | | 15.24 | 12.06 | 11.29 |
| 23.0 | 1132 | 11.0 | | | 0.25 | 2.2 | | 9.0 | 8.2 | 84 | 0.12 | 11 | | 16.32 | 12.05 | 12.12 |
| 23.0 | 1132 | 12.0 | | | 0.26 | 2.3 | | 8.9 | 8.1 | 84 | 0.18 | 15 | | 17.05 | 12.04 | 12.68 |
| 23.0 | 1132 | 13.0 | | | 0.26 | 2.3 | | 8.8 | 7.9 | 83 | 0.22 | 18 | | 18.27 | 12.03 | 13.63 |
| 23.0 | 1132 | 14.0 | | | 0.26 | 2.3 | | 8.5 | 7.6 | 81 | 0.26 | 21 | | 22.28 | 12.03 | 16.73 |
| 22.0 | 1148 | 1.0 | | | 0.36 | 3.3 | | 9.4 | 8.7 | 88 | 0.04 | 5 | 1.0 | 12.94 | 12.20 | 9.49 |
| 22.0 | 1148 | 2.0 | | | 0.36 | 3.3 | | 9.3 | 8.6 | 87 | 0.04 | 4 | | 12.97 | 12.14 | 9.52 |
| 22.0 | 1148 | 3.0 | | | 0.32 | 3.0 | | 9.4 | 8.8 | 88 | 0.04 | 4 | | 12.99 | 11.99 | 9.56 |
| 22.0 | 1148 | 4.0 | | | 0.30 | 2.7 | | 9.3 | 8.6 | 88 | 0.04 | 5 | | 13.38 | 12.11 | 9.85 |
| 22.0 | 1148 | 5.0 | | | 0.28 | 2.5 | | 9.3 | 8.5 | 87 | 0.04 | 5 | | 13.52 | 12.16 | 9.94 |
| 22.0 | 1148 | 6.0 | | | 0.27 | 2.4 | | 9.2 | 8.4 | 86 | 0.04 | 5 | | 13.92 | 12.14 | 10.26 |
| 22.0 | 1148 | 7.0 | | | 0.26 | 2.3 | | 9.1 | 8.3 | 85 | 0.06 | 6 | | 14.67 | 12.09 | 10.84 |
| 22.0 | 1148 | 8.0 | | | 0.26 | 2.3 | | 9.0 | 8.1 | 84 | 0.10 | 9 | | 16.03 | 12.05 | 11.90 |
| 22.0 | 1148 | 9.0 | | | 0.26 | 2.3 | | 8.9 | 8.0 | 83 | 0.19 | 16 | | 16.73 | 12.04 | 12.44 |
| 22.0 | 1148 | 10.0 | | | 0.26 | 2.4 | | 8.8 | 7.9 | 82 | 0.26 | 20 | | 17.51 | 12.03 | 13.05 |
| 22.0 | 1148 | 11.0 | | | 0.26 | 2.3 | | 8.7 | 7.8 | 81 | 0.33 | 26 | | 18.67 | 12.02 | 13.94 |
| 22.0 | 1148 | 12.0 | | | 0.26 | 2.3 | | 8.6 | 7.6 | 80 | 0.42 | 33 | | 19.88 | 12.01 | 14.88 |
| 22.0 | 1148 | 13.0 | | | 0.25 | 2.2 | | 8.5 | 7.5 | 80 | 0.44 | 34 | | 20.63 | 12.00 | 15.45 |
| 22.0 | 1148 | 14.0 | | | 0.24 | 2.1 | | 8.5 | 7.5 | 80 | 0.44 | 34 | | 20.77 | 12.00 | 15.57 |
| 22.0 | 1148 | 15.0 | | | 0.22 | 1.9 | | 8.5 | 7.5 | 80 | 0.44 | 34 | | 21.01 | 11.99 | 15.75 |
| 22.0 | 1148 | 16.0 | | | 0.20 | 1.7 | | 8.2 | 7.2 | 78 | 0.40 | 31 | | 23.92 | 12.03 | 18.00 |
| 22.0 | 1148 | 17.0 | | | 0.20 | 1.7 | | 8.1 | 7.0 | 77 | 0.39 | 30 | | 25.44 | 12.05 | 19.17 |
| 22.0 | 1148 | 18.0 | | | 0.21 | 1.8 | | 8.0 | 6.9 | 76 | 0.67 | 51 | | 26.57 | 12.07 | 20.04 |
| 22.0 | 1148 | 19.0 | | | 0.21 | 1.8 | | 8.0 | 6.9 | 76 | 1.08 | 81 | | 27.00 | 12.07 | 20.37 |
| 21.0 | 1201 | 1.0 | | | 0.42 | 4.0 | | 9.9 | 9.3 | 94 | 0.05 | 5 | 0.7 | 13.16 | 12.31 | 9.65 |
| 21.0 | 1201 | 2.0 | 3.6 | 0.80 | 0.43 | 4.0 | 9.2 | 9.9 | 9.3 | 95 | 0.04 | 5 | | 13.16 | 12.33 | 9.64 |
| 21.0 | 1201 | 3.0 | | | 0.42 | 3.9 | | 9.8 | 9.2 | 94 | 0.04 | 5 | | 13.16 | 12.34 | 9.64 |
| 21.0 | 1201 | 4.0 | | | 0.40 | 3.7 | | 9.8 | 9.2 | 94 | 0.05 | 5 | | 13.25 | 12.25 | 9.72 |
| 21.0 | 1201 | 5.0 | | | 0.36 | 3.3 | | 9.7 | 9.1 | 93 | 0.05 | 5 | | 13.41 | 12.22 | 9.85 |
| 21.0 | 1201 | 6.0 | | | 0.31 | 2.8 | | 9.6 | 9.0 | 91 | 0.04 | 5 | | 13.67 | 12.18 | 10.06 |
| 21.0 | 1201 | 7.0 | | | 0.29 | 2.6 | | 9.6 | 8.9 | 91 | 0.04 | 5 | | 13.82 | 12.16 | 10.17 |
| 21.0 | 1201 | 8.0 | | | 0.29 | 2.6 | | 9.6 | 8.9 | 91 | 0.04 | 5 | | 13.88 | 12.15 | 10.22 |

57026

Fluorometer Calibration:
OBS Calibration:
Dissolved Oxygen Calibration:

A-30

South San Francisco Bay

February 19, 1997

97050

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-------------|-------|-------|-------|------|
| 36.0 | 1544 | 1.0 | | | 1.15 | 10.7 | | 8.9 | 8.5 | 85 | | 4.98 | 303 | | 3.80 | 14.25 | 2.15 |
| 36.0 | 1544 | 2.0 | 8.3 | 0.43 | 1.31 | 12.6 | 7.8 | 8.9 | 8.5 | 86 | 292.1 | 4.80 | 292 | | 4.56 | 14.27 | 2.73 |
| 36.0 | 1544 | 3.0 | | | 1.55 | 15.3 | | 9.1 | 8.7 | 88 | | 4.84 | 294 | | 5.47 | 14.29 | 3.42 |
| 36.0 | 1544 | 4.0 | | | 1.69 | 16.9 | | 9.3 | 9.0 | 91 | | 5.01 | 304 | | 5.78 | 14.33 | 3.65 |
| 36.0 | 1544 | 5.0 | | | 1.72 | 17.3 | | 9.3 | 9.0 | 92 | | 4.93 | 300 | | 5.94 | 14.37 | 3.78 |
| 36.0 | 1544 | 6.0 | 16.4 | 0.59 | 1.71 | 17.2 | | 9.3 | 9.0 | 91 | | 4.77 | 290 | | 5.91 | 14.35 | 3.75 |
| 35.0 | 1532 | 1.0 | | | 1.42 | 13.9 | | 8.7 | 8.3 | 84 | | 3.48 | 212 | | 6.32 | 14.13 | 4.10 |
| 35.0 | 1532 | 2.0 | | | 1.47 | 14.5 | | 8.8 | 8.4 | 85 | | 3.38 | 206 | | 6.53 | 14.13 | 4.26 |
| 35.0 | 1532 | 3.0 | | | 1.56 | 15.5 | | 8.9 | 8.5 | 86 | | 3.25 | 198 | | 6.68 | 14.13 | 4.38 |
| 35.0 | 1532 | 4.0 | | | 1.63 | 16.3 | | 8.9 | 8.6 | 87 | | 3.19 | 195 | | 6.70 | 14.13 | 4.40 |
| 35.0 | 1532 | 5.0 | | | 1.66 | 16.6 | | 8.9 | 8.6 | 87 | | 3.17 | 194 | | 6.71 | 14.13 | 4.40 |
| 35.0 | 1532 | 6.0 | | | 1.65 | 16.5 | | 8.9 | 8.6 | 87 | | 3.24 | 198 | | 6.79 | 14.15 | 4.46 |
| 34.0 | 1519 | 1.0 | | | 1.56 | 15.5 | | 9.6 | 9.3 | 95 | | 2.67 | 163 | | 7.83 | 14.12 | 5.27 |
| 34.0 | 1519 | 2.0 | | | 1.60 | 15.9 | | 9.6 | 9.3 | 96 | | 2.63 | 161 | | 7.78 | 14.13 | 5.23 |
| 34.0 | 1519 | 3.0 | | | 1.60 | 16.0 | | 9.6 | 9.3 | 96 | | 2.63 | 161 | | 7.82 | 14.12 | 5.26 |
| 34.0 | 1519 | 4.0 | | | 1.58 | 15.7 | | 9.6 | 9.3 | 95 | | 2.63 | 161 | | 7.80 | 14.12 | 5.24 |
| 34.0 | 1519 | 5.0 | | | 1.56 | 15.4 | | 9.6 | 9.3 | 95 | | 2.67 | 163 | | 7.80 | 14.13 | 5.24 |
| 34.0 | 1519 | 6.0 | | | 1.52 | 15.0 | | 9.5 | 9.3 | 95 | | 2.66 | 163 | | 7.95 | 14.07 | 5.37 |
| 34.0 | 1519 | 7.0 | | | 1.49 | 14.6 | | 9.5 | 9.2 | 94 | | 2.69 | 164 | | 8.10 | 14.01 | 5.49 |
| 34.0 | 1519 | 8.0 | | | 1.48 | 14.5 | | 9.5 | 9.2 | 94 | | 2.71 | 165 | | 8.11 | 14.00 | 5.50 |
| 34.0 | 1519 | 9.0 | | | 1.47 | 14.4 | | 9.6 | 9.3 | 95 | | 2.79 | 170 | | 8.13 | 13.98 | 5.52 |
| 33.0 | 1503 | 1.0 | | | 2.04 | 21.0 | | 10.2 | 10.0 | 103 | | 0.80 | 50 | 3.7 | 8.55 | 13.98 | 5.84 |
| 33.0 | 1503 | 2.0 | | | 2.02 | 20.8 | | 10.3 | 10.1 | 103 | | 0.85 | 53 | | 8.57 | 13.97 | 5.86 |
| 33.0 | 1503 | 3.0 | | | 2.04 | 21.0 | | 10.3 | 10.1 | 104 | | 0.91 | 57 | | 8.63 | 13.96 | 5.91 |
| 33.0 | 1503 | 4.0 | | | 2.12 | 21.9 | | 10.3 | 10.1 | 103 | | 0.97 | 60 | | 8.74 | 13.95 | 5.99 |
| 33.0 | 1503 | 5.0 | | | 2.14 | 22.1 | | 10.3 | 10.1 | 103 | | 0.97 | 60 | | 8.75 | 13.95 | 6.00 |
| 33.0 | 1503 | 6.0 | | | 2.13 | 22.0 | | 10.2 | 10.0 | 102 | | 1.02 | 63 | | 8.85 | 13.91 | 6.08 |
| 33.0 | 1503 | 7.0 | | | 2.11 | 21.8 | | 10.1 | 9.9 | 101 | | 1.27 | 79 | | 9.24 | 13.78 | 6.40 |
| 33.0 | 1503 | 8.0 | | | 2.07 | 21.4 | | 10.1 | 9.8 | 101 | | 1.69 | 104 | | 9.43 | 13.70 | 6.56 |
| 33.0 | 1503 | 9.0 | | | 2.06 | 21.2 | | 10.0 | 9.8 | 101 | | 1.77 | 109 | | 9.46 | 13.68 | 6.59 |
| 33.0 | 1503 | 10.0 | | | 2.04 | 21.0 | | 10.0 | 9.8 | 100 | | 1.86 | 114 | | 9.54 | 13.66 | 6.65 |
| 33.0 | 1503 | 11.0 | | | 2.04 | 21.0 | | 10.0 | 9.8 | 101 | | 2.16 | 132 | | 9.64 | 13.63 | 6.73 |
| 33.0 | 1503 | 12.0 | | | 2.04 | 21.0 | | 10.0 | 9.8 | 101 | | 2.18 | 134 | | 9.64 | 13.63 | 6.73 |
| 32.0 | 1449 | 1.0 | | | 2.18 | 22.6 | | 9.7 | 9.4 | 96 | | 0.57 | 37 | 2.9 | 8.36 | 13.75 | 5.73 |
| 32.0 | 1449 | 2.0 | 21.5 | 0.83 | 2.15 | 22.3 | 9.5 | 9.7 | 9.5 | 97 | 35.0 | 0.59 | 38 | | 8.69 | 13.83 | 5.97 |
| 32.0 | 1449 | 3.0 | | | 2.08 | 21.4 | | 9.7 | 9.5 | 97 | | 0.67 | 42 | | 9.06 | 13.86 | 6.25 |
| 32.0 | 1449 | 4.0 | | | 2.10 | 21.7 | | 9.7 | 9.4 | 97 | | 0.77 | 48 | | 9.58 | 13.75 | 6.67 |
| 32.0 | 1449 | 5.0 | | | 2.16 | 22.4 | | 9.7 | 9.4 | 96 | | 0.90 | 56 | | 9.86 | 13.68 | 6.89 |
| 32.0 | 1449 | 6.0 | | | 2.16 | 22.3 | | 9.6 | 9.4 | 96 | | 0.91 | 57 | | 10.06 | 13.58 | 7.07 |

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------------|-------|-------|-------|-------|
| 27.0 | 1242 | 1.0 | | | 2.27 | 23.6 | | 10.4 | 10.2 | 105 | | 0.08 | | 13.63 | 12.74 | 9.94 |
| 27.0 | 1242 | 2.0 | 24.8 | 0.81 | 2.19 | 22.8 | 10.4 | 10.3 | 10.1 | 104 | 9.9 | 0.09 | 1.3 | 14.33 | 12.63 | 10.50 |
| 27.0 | 1242 | 3.0 | | | 2.01 | 20.7 | 10.3 | 10.3 | 10.1 | 104 | | 0.10 | | 14.55 | 12.56 | 10.68 |
| 27.0 | 1242 | 4.0 | | | 1.71 | 17.2 | 10.2 | 10.2 | 10.0 | 103 | | 0.10 | | 15.08 | 12.41 | 11.11 |
| 27.0 | 1242 | 5.0 | | | 1.46 | 14.3 | 10.0 | 10.0 | 9.8 | 101 | | 0.09 | | 15.54 | 12.40 | 11.47 |
| 27.0 | 1242 | 6.0 | | | 1.31 | 12.6 | 9.9 | 9.9 | 9.7 | 100 | | 0.08 | | 15.63 | 12.46 | 11.53 |
| 27.0 | 1242 | 7.0 | | | 1.15 | 10.7 | 9.8 | 9.8 | 9.5 | 99 | | 0.08 | | 15.90 | 12.49 | 11.73 |
| 27.0 | 1242 | 8.0 | | | 0.96 | 8.5 | 9.7 | 9.7 | 9.4 | 98 | | 0.10 | | 16.16 | 12.49 | 11.93 |
| 27.0 | 1242 | 9.0 | | | 0.82 | 7.0 | 9.5 | 9.5 | 9.2 | 96 | | 0.11 | | 16.60 | 12.53 | 12.26 |
| 27.0 | 1242 | 10.0 | | | 0.77 | 6.4 | 9.4 | 9.4 | 9.1 | 95 | | 0.10 | | 16.96 | 12.51 | 12.54 |
| 27.0 | 1242 | 11.0 | | | 0.76 | 6.2 | 9.2 | 8.9 | 8.9 | 93 | | 0.09 | | 17.19 | 12.49 | 12.72 |
| 27.0 | 1242 | 12.0 | | | 0.79 | 6.6 | 9.1 | 8.8 | 8.7 | 92 | | 0.12 | | 17.57 | 12.45 | 13.02 |
| 27.0 | 1242 | 13.0 | 8.7 | 0.72 | 0.80 | 6.7 | 9.1 | 8.7 | 8.7 | 92 | | 0.16 | | 17.67 | 12.43 | 13.10 |
| 26.0 | 1224 | 1.0 | | | 2.19 | 22.7 | 10.3 | 10.3 | 10.1 | 104 | | 0.07 | 1.2 | 13.86 | 12.87 | 10.10 |
| 26.0 | 1224 | 2.0 | | | 2.04 | 21.0 | 10.6 | 10.4 | 10.4 | 108 | | 0.07 | | 14.08 | 12.75 | 10.28 |
| 26.0 | 1224 | 3.0 | | | 1.63 | 16.3 | 10.4 | 10.2 | 10.2 | 106 | | 0.08 | | 14.59 | 12.70 | 10.69 |
| 26.0 | 1224 | 4.0 | | | 1.16 | 10.9 | 9.8 | 9.5 | 9.5 | 99 | | 0.07 | | 16.08 | 12.57 | 11.85 |
| 26.0 | 1224 | 5.0 | | | 0.92 | 8.1 | 9.4 | 9.4 | 9.1 | 95 | | 0.07 | | 16.76 | 12.51 | 12.39 |
| 26.0 | 1224 | 6.0 | | | 0.84 | 7.2 | 9.2 | 8.9 | 8.9 | 93 | | 0.08 | | 17.18 | 12.49 | 12.72 |
| 26.0 | 1224 | 7.0 | | | 0.79 | 6.6 | 9.2 | 8.8 | 8.8 | 93 | | 0.09 | | 17.47 | 12.48 | 12.95 |
| 26.0 | 1224 | 8.0 | | | 0.73 | 5.9 | 9.1 | 8.8 | 8.8 | 92 | | 0.09 | | 17.59 | 12.47 | 13.03 |
| 26.0 | 1224 | 9.0 | | | 0.73 | 5.9 | 9.0 | 8.7 | 8.7 | 91 | | 0.09 | | 17.71 | 12.45 | 13.13 |
| 26.0 | 1224 | 10.0 | | | 0.87 | 7.5 | 9.0 | 8.7 | 8.7 | 91 | | 0.10 | | 17.95 | 12.45 | 13.31 |
| 26.0 | 1224 | 11.0 | | | 0.90 | 7.9 | 9.0 | 8.7 | 8.7 | 91 | | 0.12 | | 18.15 | 12.46 | 13.47 |
| 25.0 | 1203 | 1.0 | | | 1.30 | 12.5 | 10.5 | 10.3 | 10.3 | 107 | | 0.05 | 1.1 | 15.03 | 12.76 | 11.02 |
| 25.0 | 1203 | 2.0 | | | 1.24 | 11.8 | 10.3 | 10.1 | 10.1 | 105 | | 0.04 | | 15.63 | 12.55 | 11.51 |
| 25.0 | 1203 | 3.0 | | | 0.95 | 8.4 | 9.6 | 9.4 | 9.4 | 98 | | 0.05 | | 17.94 | 12.46 | 13.31 |
| 25.0 | 1203 | 4.0 | | | 0.76 | 6.3 | 9.3 | 8.9 | 8.9 | 94 | | 0.09 | | 18.78 | 12.40 | 13.96 |
| 25.0 | 1203 | 5.0 | | | 0.63 | 4.7 | 9.1 | 8.8 | 8.8 | 93 | | 0.13 | | 19.10 | 12.36 | 14.22 |
| 25.0 | 1203 | 6.0 | | | 0.56 | 4.0 | 9.1 | 8.7 | 8.7 | 92 | | 0.16 | | 19.16 | 12.36 | 14.26 |
| 25.0 | 1203 | 7.0 | | | 0.52 | 3.5 | 9.0 | 8.7 | 8.7 | 92 | | 0.18 | | 19.50 | 12.32 | 14.53 |
| 25.0 | 1203 | 8.0 | | | 0.48 | 3.0 | 9.0 | 8.6 | 8.6 | 91 | | 0.19 | | 20.04 | 12.29 | 14.96 |
| 25.0 | 1203 | 9.0 | | | 0.51 | 3.4 | 8.9 | 8.5 | 8.5 | 91 | | 0.19 | | 20.51 | 12.27 | 15.32 |
| 25.0 | 1203 | 10.0 | | | 0.54 | 3.7 | 8.9 | 8.6 | 8.6 | 92 | | 0.22 | | 21.12 | 12.24 | 15.80 |
| 24.0 | 1142 | 1.0 | | | 0.73 | 5.9 | 9.4 | 9.1 | 9.1 | 96 | | 0.03 | 0.8 | 17.65 | 12.58 | 13.06 |
| 24.0 | 1142 | 2.0 | | | 0.70 | 5.5 | 9.4 | 9.1 | 9.1 | 95 | 4.8 | 0.03 | | 17.66 | 12.58 | 13.07 |
| 24.0 | 1142 | 3.0 | | | 0.62 | 4.7 | 9.2 | 8.8 | 8.8 | 93 | | 0.03 | | 18.31 | 12.52 | 13.58 |
| 24.0 | 1142 | 4.0 | | | 0.52 | 3.5 | 9.0 | 8.6 | 8.6 | 91 | | 0.03 | | 19.24 | 12.38 | 14.32 |
| 24.0 | 1142 | 5.0 | | | 0.43 | 2.4 | 8.8 | 8.4 | 8.4 | 89 | | 0.04 | | 20.14 | 12.29 | 15.03 |
| 24.0 | 1142 | 6.0 | | | 0.38 | 1.9 | 8.7 | 8.3 | 8.3 | 88 | | 0.07 | | 20.74 | 12.24 | 15.51 |

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| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 29.5 | 1345 | 8.0 | | | 1.22 | 11.6 | | 9.7 | 9.4 | 98 | | 0.15 | 11 | | 14.95 | 12.69 | 10.96 |
| 29.5 | 1345 | 9.0 | | | 1.11 | 10.2 | | 9.6 | 9.4 | 97 | | 0.13 | 10 | | 15.01 | 12.68 | 11.02 |
| 29.5 | 1345 | 10.0 | | | 1.01 | 9.1 | | 9.6 | 9.3 | 96 | | 0.13 | 10 | | 15.15 | 12.65 | 11.12 |
| 29.5 | 1345 | 11.0 | | | 1.00 | 9.1 | | 9.5 | 9.2 | 95 | | 0.14 | 10 | | 15.41 | 12.62 | 11.33 |
| 29.5 | 1345 | 12.0 | | | 1.06 | 9.7 | | 9.4 | 9.1 | 94 | | 0.14 | 10 | | 15.65 | 12.58 | 11.52 |
| 29.5 | 1345 | 13.0 | | | 1.18 | 11.1 | | 9.4 | 9.1 | 94 | | 0.19 | 13 | | 15.81 | 12.56 | 11.65 |
| 29.5 | 1345 | 14.0 | | | 1.27 | 12.1 | | 9.3 | 9.0 | 94 | | 0.26 | 18 | | 15.86 | 12.56 | 11.69 |
| 29.5 | 1345 | 15.0 | | | 1.25 | 11.9 | | 9.3 | 9.0 | 94 | | 0.55 | 35 | | 15.89 | 12.55 | 11.71 |
| 29.0 | 1327 | 1.0 | | | 2.52 | 26.5 | | 11.1 | 11.0 | 113 | | 0.23 | 16 | 1.8 | 12.02 | 13.10 | 8.65 |
| 29.0 | 1327 | 2.0 | 23.6 | 0.81 | 2.48 | 26.1 | | 11.0 | 10.9 | 112 | | 0.23 | 16 | | 12.09 | 13.09 | 8.70 |
| 29.0 | 1327 | 3.0 | | | 2.26 | 23.6 | | 10.7 | 10.5 | 109 | | 0.23 | 16 | | 12.70 | 13.10 | 9.17 |
| 29.0 | 1327 | 4.0 | | | 1.81 | 18.4 | | 10.3 | 10.1 | 104 | | 0.23 | 16 | | 13.62 | 12.90 | 9.90 |
| 29.0 | 1327 | 5.0 | | | 1.30 | 12.5 | | 9.9 | 9.7 | 101 | | 0.21 | 15 | | 15.05 | 12.69 | 11.04 |
| 29.0 | 1327 | 6.0 | | | 0.97 | 8.6 | | 9.7 | 9.4 | 98 | | 0.17 | 12 | | 15.53 | 12.63 | 11.42 |
| 29.0 | 1327 | 7.0 | | | 0.84 | 7.2 | | 9.7 | 9.4 | 98 | | 0.14 | 10 | | 15.73 | 12.59 | 11.58 |
| 29.0 | 1327 | 8.0 | | | 0.83 | 7.1 | | 9.6 | 9.4 | 97 | | 0.14 | 10 | | 15.81 | 12.58 | 11.65 |
| 29.0 | 1327 | 9.0 | | | 0.90 | 7.9 | | 9.6 | 9.3 | 97 | | 0.15 | 11 | | 15.97 | 12.56 | 11.77 |
| 29.0 | 1327 | 10.0 | | | 1.06 | 9.6 | | 9.6 | 9.3 | 97 | | 0.16 | 12 | | 16.01 | 12.55 | 11.81 |
| 29.0 | 1327 | 11.0 | | | 1.22 | 11.5 | | 9.5 | 9.3 | 96 | | 0.29 | 19 | | 16.03 | 12.55 | 11.82 |
| 29.0 | 1327 | 12.0 | | | 1.31 | 12.6 | | 9.5 | 9.2 | 96 | | 0.42 | 27 | | 16.03 | 12.55 | 11.82 |
| 29.0 | 1327 | 13.0 | | | 1.36 | 13.2 | | 9.5 | 9.2 | 96 | | 0.70 | 44 | | 16.03 | 12.55 | 11.82 |
| 29.0 | 1327 | 14.0 | | | 1.45 | 14.2 | | 9.5 | 9.2 | 96 | | 0.89 | 56 | | 16.03 | 12.55 | 11.82 |
| 29.0 | 1327 | 15.0 | | | 1.46 | 14.3 | | 9.5 | 9.2 | 96 | | 0.97 | 61 | | 16.03 | 12.55 | 11.82 |
| 28.0 | 1306 | 1.0 | | | 2.23 | 23.2 | | 10.6 | 10.5 | 109 | | 0.10 | 8 | 1.4 | 13.05 | 13.23 | 9.42 |
| 28.0 | 1306 | 2.0 | 22.7 | 0.72 | 2.13 | 22.0 | | 10.1 | 9.9 | 102 | | 0.11 | 8 | | 13.29 | 12.97 | 9.64 |
| 28.0 | 1306 | 3.0 | | | 1.75 | 17.7 | | 9.8 | 9.5 | 98 | | 0.12 | 9 | | 14.18 | 12.69 | 10.38 |
| 28.0 | 1306 | 4.0 | | | 1.38 | 13.4 | | 9.6 | 9.4 | 97 | | 0.12 | 9 | | 15.11 | 12.54 | 11.11 |
| 28.0 | 1306 | 5.0 | | | 1.13 | 10.5 | | 9.7 | 9.5 | 98 | | 0.13 | 9 | | 15.44 | 12.41 | 11.38 |
| 28.0 | 1306 | 6.0 | | | 0.97 | 8.7 | | 9.6 | 9.4 | 97 | | 0.11 | 8 | | 15.86 | 12.44 | 11.70 |
| 28.0 | 1306 | 7.0 | | | 0.88 | 7.6 | | 9.6 | 9.3 | 97 | | 0.10 | 8 | | 15.92 | 12.49 | 11.75 |
| 28.0 | 1306 | 8.0 | | | 0.86 | 7.4 | | 9.6 | 9.3 | 96 | | 0.09 | 8 | | 15.95 | 12.50 | 11.76 |
| 28.0 | 1306 | 9.0 | | | 0.87 | 7.5 | | 9.5 | 9.2 | 96 | | 0.10 | 8 | | 15.99 | 12.52 | 11.79 |
| 28.0 | 1306 | 10.0 | | | 0.83 | 7.1 | | 9.5 | 9.2 | 96 | | 0.12 | 9 | | 16.09 | 12.53 | 11.87 |
| 28.0 | 1306 | 11.0 | | | 0.79 | 6.6 | | 9.4 | 9.1 | 95 | | 0.13 | 9 | | 16.24 | 12.54 | 11.99 |
| 28.0 | 1306 | 12.0 | | | 0.83 | 7.1 | | 9.3 | 8.9 | 93 | | 0.14 | 10 | | 16.57 | 12.52 | 12.24 |
| 28.0 | 1306 | 13.0 | | | 1.00 | 9.0 | | 9.2 | 8.9 | 93 | | 0.15 | 11 | | 16.69 | 12.50 | 12.33 |
| 28.0 | 1306 | 14.0 | | | 1.13 | 10.5 | | 9.2 | 8.9 | 93 | | 0.19 | 13 | | 16.74 | 12.50 | 12.37 |
| 28.0 | 1306 | 15.0 | | | 1.24 | 11.8 | | 9.2 | 8.9 | 93 | | 0.34 | 22 | | 16.74 | 12.50 | 12.38 |
| 28.0 | 1306 | 16.0 | | | 1.27 | 12.1 | | 9.2 | 8.9 | 93 | | 0.54 | 34 | | 16.77 | 12.49 | 12.40 |

97050

February 19, 1997

South San Francisco Bay

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 32.0 | 1449 | 7.0 | | | 2.15 | 22.2 | | 9.6 | 9.3 | 96 | 0.95 | 59 | | 10.28 | 13.52 | 7.24 |
| 32.0 | 1449 | 8.0 | | | 2.19 | 22.7 | | 9.6 | 9.3 | 96 | 1.24 | 77 | | 10.56 | 13.47 | 7.46 |
| 32.0 | 1449 | 9.0 | | | 2.27 | 23.7 | | 9.6 | 9.3 | 95 | 1.59 | 98 | | 10.71 | 13.44 | 7.58 |
| 32.0 | 1449 | 10.0 | | | 2.40 | 25.1 | | 9.4 | 9.1 | 94 | 1.83 | 113 | | 10.85 | 13.41 | 7.70 |
| 32.0 | 1449 | 11.0 | | | 2.52 | 26.5 | | 9.2 | 8.9 | 91 | 2.00 | 123 | | 11.76 | 13.22 | 8.42 |
| 32.0 | 1449 | 12.0 | | | 2.68 | 28.3 | | 9.0 | 8.6 | 89 | 2.16 | 132 | | 13.03 | 12.99 | 9.44 |
| 32.0 | 1449 | 13.0 | | | 2.70 | 28.6 | | 9.2 | 8.8 | 90 | 2.29 | 140 | | 12.24 | 12.88 | 8.85 |
| 31.0 | 1432 | 1.0 | | | 2.33 | 24.4 | | 10.7 | 10.5 | 108 | 0.31 | 21 | 2.1 | 8.85 | 14.13 | 6.05 |
| 31.0 | 1432 | 2.0 | | | 2.18 | 22.6 | | 10.5 | 10.3 | 105 | 0.34 | 22 | | 9.28 | 13.69 | 6.45 |
| 31.0 | 1432 | 3.0 | | | 2.01 | 20.7 | | 10.2 | 10.0 | 103 | 0.38 | 25 | | 9.56 | 13.65 | 6.67 |
| 31.0 | 1432 | 4.0 | | | 1.86 | 18.9 | | 10.1 | 9.8 | 101 | 0.43 | 28 | | 10.05 | 13.47 | 7.07 |
| 31.0 | 1432 | 5.0 | | | 1.75 | 17.6 | | 9.9 | 9.7 | 99 | 0.49 | 31 | | 10.91 | 13.28 | 7.76 |
| 31.0 | 1432 | 6.0 | | | 1.75 | 17.6 | | 9.8 | 9.6 | 98 | 0.55 | 35 | | 11.71 | 13.15 | 8.40 |
| 31.0 | 1432 | 7.0 | | | 1.82 | 18.5 | | 9.7 | 9.5 | 98 | 0.62 | 39 | | 12.27 | 13.08 | 8.84 |
| 31.0 | 1432 | 8.0 | | | 1.80 | 18.3 | | 9.7 | 9.4 | 97 | 0.68 | 43 | | 12.66 | 13.04 | 9.15 |
| 31.0 | 1432 | 9.0 | | | 1.71 | 17.2 | | 9.6 | 9.3 | 96 | 0.70 | 44 | | 12.95 | 13.00 | 9.38 |
| 31.0 | 1432 | 10.0 | | | 1.73 | 17.4 | | 9.6 | 9.3 | 96 | 0.69 | 44 | | 13.36 | 12.95 | 9.70 |
| 31.0 | 1432 | 11.0 | | | 1.85 | 18.8 | | 9.5 | 9.2 | 95 | 0.67 | 42 | | 13.77 | 12.88 | 10.03 |
| 31.0 | 1432 | 12.0 | | | 1.97 | 20.2 | | 9.5 | 9.2 | 95 | 0.73 | 46 | | 13.90 | 12.86 | 10.13 |
| 31.0 | 1432 | 13.0 | | | 1.98 | 20.3 | | 9.5 | 9.2 | 95 | 0.88 | 55 | | 13.97 | 12.85 | 10.19 |
| 30.0 | 1403 | 1.0 | | | 2.50 | 26.3 | | 10.9 | 10.8 | 112 | 0.27 | 18 | 2.0 | 11.07 | 13.57 | 7.84 |
| 30.0 | 1403 | 2.0 | | 0.81 | 2.50 | 26.3 | 10.2 | 10.9 | 10.7 | 111 | 0.28 | 19 | | 11.43 | 13.37 | 8.15 |
| 30.0 | 1403 | 3.0 | 25.4 | | 2.37 | 24.8 | | 10.7 | 10.5 | 109 | 0.27 | 18 | | 11.55 | 13.39 | 8.24 |
| 30.0 | 1403 | 4.0 | | | 2.19 | 22.7 | | 10.4 | 10.3 | 106 | 0.22 | 15 | | 12.11 | 13.20 | 8.70 |
| 30.0 | 1403 | 5.0 | | | 1.97 | 20.2 | | 10.2 | 10.0 | 103 | 0.23 | 16 | | 13.01 | 13.08 | 9.41 |
| 30.0 | 1403 | 6.0 | | | 1.74 | 17.5 | | 10.0 | 9.7 | 101 | 0.19 | 13 | | 13.56 | 12.95 | 9.85 |
| 30.0 | 1403 | 7.0 | | | 1.71 | 17.2 | | 9.7 | 9.5 | 98 | 0.20 | 14 | | 14.52 | 12.76 | 10.62 |
| 30.0 | 1403 | 8.0 | | | 1.87 | 19.1 | | 9.6 | 9.3 | 97 | 0.44 | 28 | | 14.82 | 12.71 | 10.87 |
| 30.0 | 1403 | 9.0 | | | 1.99 | 20.4 | | 9.6 | 9.3 | 96 | 0.70 | 44 | | 14.87 | 12.70 | 10.90 |
| 30.0 | 1403 | 10.0 | | | 2.05 | 21.2 | | 9.6 | 9.3 | 96 | 0.79 | 49 | | 14.89 | 12.69 | 10.92 |
| 30.0 | 1403 | 11.0 | | | 2.13 | 22.1 | | 9.6 | 9.3 | 96 | 1.03 | 64 | | 14.89 | 12.69 | 10.92 |
| 30.0 | 1403 | 12.0 | | | 2.26 | 23.6 | | 9.6 | 9.3 | 96 | 1.20 | 74 | | 14.90 | 12.69 | 10.93 |
| 30.0 | 1403 | 13.0 | 29.4 | 0.71 | 2.27 | 23.7 | | 9.6 | 9.3 | 97 | 1.44 | 89 | | 14.91 | 12.70 | 10.94 |
| 29.5 | 1345 | 1.0 | | | 2.17 | 22.4 | | 10.9 | 10.7 | 110 | 0.23 | 16 | 1.8 | 11.35 | 13.32 | 8.10 |
| 29.5 | 1345 | 2.0 | | | 2.01 | 20.6 | | 10.5 | 10.3 | 106 | 0.25 | 17 | | 12.67 | 13.06 | 9.15 |
| 29.5 | 1345 | 3.0 | | | 1.85 | 18.8 | | 10.4 | 10.2 | 105 | 0.20 | 14 | | 13.02 | 12.98 | 9.44 |
| 29.5 | 1345 | 4.0 | | | 1.74 | 17.6 | | 10.3 | 10.1 | 104 | 0.15 | 11 | | 13.15 | 12.94 | 9.54 |
| 29.5 | 1345 | 5.0 | | | 1.63 | 16.3 | | 10.2 | 9.9 | 103 | 0.15 | 11 | | 13.52 | 12.90 | 9.83 |
| 29.5 | 1345 | 6.0 | | | 1.50 | 14.8 | | 10.0 | 9.7 | 101 | 0.14 | 10 | | 14.01 | 12.81 | 10.23 |
| 29.5 | 1345 | 7.0 | | | 1.34 | 13.0 | | 9.8 | 9.6 | 99 | 0.16 | 11 | | 14.72 | 12.72 | 10.78 |

South San Francisco Bay February 19, 1997 97050

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 24.0 | 1142 | 7.0 | | | 0.35 | 1.5 | | 8.6 | 8.2 | 88 | | 0.10 | 8 | | 20.92 | 12.23 | 15.65 |
| 24.0 | 1142 | 8.0 | | | 0.32 | 1.2 | | 8.6 | 8.2 | 87 | | 0.14 | 10 | | 21.28 | 12.21 | 15.93 |
| 24.0 | 1142 | 9.0 | | | 0.30 | 1.0 | | 8.4 | 8.0 | 86 | | 0.17 | 12 | | 22.33 | 12.16 | 16.75 |
| 24.0 | 1142 | 10.0 | | | 0.30 | 0.9 | | 8.4 | 8.0 | 86 | | 0.20 | 14 | | 23.02 | 12.13 | 17.28 |
| 24.0 | 1142 | 11.0 | | | 0.30 | 0.9 | | 8.4 | 7.9 | 86 | | 0.23 | 15 | | 23.41 | 12.11 | 17.59 |
| 23.0 | 1125 | 1.0 | | | 0.70 | 5.6 | | 9.4 | 9.1 | 95 | | 0.08 | 6 | 1.0 | 17.89 | 12.36 | 13.28 |
| 23.0 | 1125 | 2.0 | | | 0.69 | 5.5 | | 9.3 | 9.0 | 95 | | 0.07 | 6 | | 17.96 | 12.36 | 13.34 |
| 23.0 | 1125 | 3.0 | | | 0.62 | 4.7 | | 9.3 | 8.9 | 94 | | 0.08 | 6 | | 18.31 | 12.33 | 13.61 |
| 23.0 | 1125 | 4.0 | | | 0.57 | 4.0 | | 9.2 | 8.9 | 93 | | 0.08 | 6 | | 18.51 | 12.32 | 13.77 |
| 23.0 | 1125 | 5.0 | | | 0.55 | 3.8 | | 9.2 | 8.9 | 93 | | 0.08 | 7 | | 18.64 | 12.31 | 13.87 |
| 23.0 | 1125 | 6.0 | | | 0.52 | 3.4 | | 9.2 | 8.9 | 93 | | 0.08 | 6 | | 18.52 | 12.32 | 13.78 |
| 23.0 | 1125 | 7.0 | | | 0.46 | 2.8 | | 9.0 | 8.6 | 91 | | 0.08 | 6 | | 19.45 | 12.30 | 14.50 |
| 23.0 | 1125 | 8.0 | | | 0.37 | 1.7 | | 8.7 | 8.3 | 89 | | 0.07 | 6 | | 20.81 | 12.20 | 15.56 |
| 23.0 | 1125 | 9.0 | | | 0.30 | 0.9 | | 8.5 | 8.1 | 87 | | 0.07 | 6 | | 23.02 | 12.08 | 17.29 |
| 23.0 | 1125 | 10.0 | | | 0.28 | 0.7 | | 8.4 | 8.0 | 87 | | 0.09 | 7 | | 23.42 | 12.08 | 17.60 |
| 23.0 | 1125 | 11.0 | | | 0.28 | 0.7 | | 8.4 | 8.0 | 86 | | 0.11 | 9 | | 23.65 | 12.06 | 17.78 |
| 23.0 | 1125 | 12.0 | | | 0.27 | 0.6 | | 8.3 | 7.9 | 85 | | 0.13 | 9 | | 24.10 | 12.03 | 18.14 |
| 23.0 | 1125 | 13.0 | | | 0.26 | 0.5 | | 8.2 | 7.8 | 84 | | 0.14 | 10 | | 24.83 | 12.00 | 18.71 |
| 23.0 | 1125 | 14.0 | | | 0.26 | 0.5 | | 8.1 | 7.7 | 84 | | 0.15 | 11 | | 25.52 | 11.97 | 19.24 |
| 23.0 | 1125 | 15.0 | | | 0.28 | 0.7 | | 8.1 | 7.7 | 84 | | 0.17 | 12 | | 25.89 | 11.96 | 19.54 |
| 23.0 | 1125 | 16.0 | | | 0.29 | 0.8 | | 8.1 | 7.7 | 84 | | 0.20 | 14 | | 26.01 | 11.96 | 19.63 |
| 22.0 | 1104 | 1.0 | | | 1.16 | 10.8 | | 10.0 | 9.8 | 102 | | 0.08 | 7 | 1.0 | 16.43 | 12.50 | 12.14 |
| 22.0 | 1104 | 2.0 | | | 1.11 | 10.2 | | 9.9 | 9.7 | 101 | | 0.08 | 7 | | 16.51 | 12.48 | 12.20 |
| 22.0 | 1104 | 3.0 | | | 0.86 | 7.4 | | 9.7 | 9.4 | 98 | | 0.08 | 7 | | 16.92 | 12.38 | 12.53 |
| 22.0 | 1104 | 4.0 | | | 0.58 | 4.1 | | 9.4 | 9.1 | 95 | | 0.08 | 6 | | 18.24 | 12.25 | 13.57 |
| 22.0 | 1104 | 5.0 | | | 0.40 | 2.1 | | 9.1 | 8.7 | 92 | | 0.07 | 6 | | 19.80 | 12.16 | 14.79 |
| 22.0 | 1104 | 6.0 | | | 0.31 | 1.1 | | 8.8 | 8.4 | 90 | | 0.08 | 6 | | 21.99 | 12.06 | 16.50 |
| 22.0 | 1104 | 7.0 | | | 0.27 | 0.6 | | 8.5 | 8.1 | 87 | | 0.09 | 7 | | 24.11 | 11.98 | 18.15 |
| 22.0 | 1104 | 8.0 | | | 0.25 | 0.3 | | 8.3 | 7.9 | 86 | | 0.12 | 9 | | 25.89 | 11.93 | 19.54 |
| 22.0 | 1104 | 9.0 | | | 0.24 | 0.3 | | 8.3 | 7.8 | 85 | | 0.16 | 11 | | 26.14 | 11.92 | 19.73 |
| 22.0 | 1104 | 10.0 | | | 0.24 | 0.3 | | 8.2 | 7.8 | 85 | | 0.18 | 13 | | 26.33 | 11.91 | 19.88 |
| 22.0 | 1104 | 11.0 | | | 0.24 | 0.3 | | 8.2 | 7.7 | 85 | | 0.18 | 13 | | 26.47 | 11.91 | 19.99 |
| 22.0 | 1104 | 12.0 | | | 0.24 | 0.3 | | 8.1 | 7.7 | 84 | | 0.19 | 13 | | 26.57 | 11.91 | 20.07 |
| 22.0 | 1104 | 13.0 | | | 0.25 | 0.3 | | 8.1 | 7.7 | 84 | | 0.21 | 15 | | 26.70 | 11.90 | 20.17 |
| 22.0 | 1104 | 14.0 | | | 0.25 | 0.4 | | 8.1 | 7.6 | 84 | | 0.22 | 15 | | 26.76 | 11.90 | 20.22 |
| 22.0 | 1104 | 15.0 | | | 0.25 | 0.4 | | 8.0 | 7.6 | 83 | | 0.22 | 15 | | 26.86 | 11.89 | 20.30 |
| 22.0 | 1104 | 16.0 | | | 0.25 | 0.4 | | 8.0 | 7.5 | 83 | | 0.24 | 16 | | 27.07 | 11.88 | 20.46 |
| 22.0 | 1104 | 17.0 | | | 0.26 | 0.5 | | 8.0 | 7.5 | 83 | | 0.27 | 18 | | 27.15 | 11.88 | 20.53 |
| 22.0 | 1104 | 18.0 | | | 0.28 | 0.7 | | 8.0 | 7.5 | 82 | | 0.28 | 19 | | 27.17 | 11.88 | 20.54 |
| 22.0 | 1104 | 19.0 | | | 0.28 | 0.7 | | 7.9 | 7.5 | 82 | | 0.29 | 19 | | 27.20 | 11.88 | 20.56 |

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|----------------|-----------|-------|-------|-------|
| 21.0 | 1028 | 1.0 | | | 1.10 | 10.1 | | 9.5 | 9.2 | 96 | | 0.28 | 19 | 1.7 | 17.61 | 12.56 | 13.04 |
| 21.0 | 1028 | 2.0 | 6.3 | 0.83 | 1.09 | 10.0 | 9.5 | 9.4 | 9.1 | 96 | 15.2 | 0.28 | 18 | | 17.60 | 12.55 | 13.03 |
| 21.0 | 1028 | 3.0 | | | 0.90 | 7.9 | | 9.2 | 8.9 | 93 | | 0.28 | 18 | | 18.65 | 12.45 | 13.86 |
| 21.0 | 1028 | 4.0 | | | 0.75 | 6.2 | | 9.0 | 8.7 | 92 | | 0.27 | 18 | | 19.20 | 12.39 | 14.29 |
| 21.0 | 1028 | 5.0 | | | 0.67 | 5.2 | | 9.0 | 8.6 | 91 | | 0.26 | 17 | | 19.37 | 12.35 | 14.43 |
| 21.0 | 1028 | 6.0 | | | 0.53 | 3.6 | | 8.8 | 8.4 | 89 | | 0.23 | 16 | | 19.63 | 12.27 | 14.64 |
| 21.0 | 1028 | 7.0 | | | 0.38 | 1.9 | | 8.6 | 8.2 | 87 | | 0.15 | 11 | | 21.52 | 12.10 | 16.13 |
| 21.0 | 1028 | 8.0 | | | 0.30 | 1.0 | | 8.3 | 7.9 | 85 | | 0.12 | 9 | | 23.42 | 12.03 | 17.61 |
| 21.0 | 1028 | 9.0 | | | 0.26 | 0.5 | | 8.1 | 7.7 | 83 | | 0.10 | 8 | | 24.74 | 11.98 | 18.64 |
| 21.0 | 1028 | 10.0 | | | 0.24 | 0.2 | | 7.9 | 7.4 | 81 | | 0.13 | 9 | | 26.60 | 11.88 | 20.09 |
| 21.0 | 1028 | 11.0 | | | 0.23 | 0.2 | | 7.6 | 7.1 | 79 | | 0.20 | 14 | | 28.51 | 11.78 | 21.60 |
| 21.0 | 1028 | 12.0 | | | 0.24 | 0.2 | | 7.5 | 7.0 | 78 | | 0.26 | 18 | | 29.04 | 11.76 | 22.01 |
| 21.0 | 1028 | 13.0 | | | 0.24 | 0.2 | | 7.5 | 7.0 | 77 | | 0.30 | 20 | | 29.20 | 11.76 | 22.13 |
| 21.0 | 1028 | 14.0 | | | 0.25 | 0.3 | | 7.5 | 6.9 | 77 | | 0.31 | 21 | | 29.24 | 11.75 | 22.16 |
| 21.0 | 1028 | 15.0 | | | 0.25 | 0.4 | | 7.5 | 6.9 | 77 | | 0.33 | 22 | | 29.29 | 11.75 | 22.21 |
| 21.0 | 1028 | 16.0 | | | 0.25 | 0.4 | | 7.4 | 6.8 | 76 | | 0.34 | 23 | | 29.45 | 11.74 | 22.33 |
| 21.0 | 1028 | 17.0 | | | 0.25 | 0.4 | | 7.4 | 6.8 | 76 | | 0.36 | 24 | | 29.52 | 11.74 | 22.39 |
| 21.0 | 1028 | 18.0 | | | 0.25 | 0.3 | | 7.3 | 6.8 | 76 | | 0.39 | 25 | | 29.56 | 11.73 | 22.42 |
| 21.0 | 1028 | 19.0 | 2.9 | 0.62 | 0.25 | 0.3 | | 7.3 | 6.7 | 75 | | 0.43 | 28 | | 29.58 | 11.73 | 22.43 |
| | | | | | | | | | | | | | Inter. | Std. Err. | | | |
| | | | | | | | | | | | | | Slope | | | | |
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| | | | | | | | | | | | | | 11 | | | | |
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Fluorometer Calibration:
OBS Calibration:
Dissolved Oxygen Calibration:

3.136
2.689
0.566

SeaBird v4.026

97057

February 26, 1997

North San Francisco Bay

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|-------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------------|-------------|-------|-------|-------|------|
| 657.0 | 1711 | 1.0 | | | 0.38 | 3.0 | | 10.4 | 10.1 | 91 | | 0.99 | 48 | 3.2 | 0.09 | 10.58 | 0.00 |
| 657.0 | 1711 | 2.0 | 4.3 | 0.73 | 0.38 | 3.0 | 9.9 | 10.4 | 10.1 | 91 | 39.4 | 0.96 | 47 | | 0.09 | 10.57 | 0.00 |
| 657.0 | 1711 | 3.0 | | | 0.38 | 3.0 | | 10.4 | 10.1 | 91 | | 0.97 | 47 | | 0.09 | 10.58 | 0.00 |
| 657.0 | 1711 | 4.0 | | | 0.38 | 3.1 | | 10.4 | 10.1 | 91 | | 0.96 | 47 | | 0.09 | 10.58 | 0.00 |
| 657.0 | 1711 | 5.0 | | | 0.39 | 3.1 | | 10.4 | 10.1 | 91 | | 0.95 | 47 | | 0.09 | 10.57 | 0.00 |
| 657.0 | 1711 | 6.0 | | | 0.39 | 3.1 | | 10.4 | 10.1 | 91 | | 0.95 | 46 | | 0.09 | 10.58 | 0.00 |
| 657.0 | 1711 | 7.0 | | | 0.38 | 3.1 | | 10.4 | 10.1 | 91 | | 0.94 | 46 | | 0.09 | 10.57 | 0.00 |
| 657.0 | 1711 | 8.0 | | | 0.38 | 3.1 | | 10.4 | 10.1 | 91 | | 0.96 | 47 | | 0.09 | 10.56 | 0.00 |
| 657.0 | 1711 | 9.0 | | | 0.38 | 3.1 | | 10.4 | 10.1 | 91 | | 0.96 | 47 | | 0.09 | 10.56 | 0.00 |
| 657.0 | 1711 | 10.0 | | | 0.38 | 3.1 | | 10.5 | 10.1 | 91 | | 0.96 | 47 | | 0.09 | 10.56 | 0.00 |
| 657.0 | 1711 | 11.0 | | | 0.38 | 3.0 | | 10.4 | 10.1 | 91 | | 0.97 | 47 | | 0.09 | 10.56 | 0.00 |
| 649.0 | 1622 | 1.0 | | | 0.33 | 2.6 | | 10.5 | 10.2 | 92 | | 0.96 | 47 | 3.6 | 0.09 | 10.74 | 0.00 |
| 649.0 | 1622 | 2.0 | 3.6 | 0.70 | 0.33 | 2.6 | 10.0 | 10.6 | 10.2 | 92 | | 0.99 | 48 | | 0.09 | 10.74 | 0.00 |
| 649.0 | 1622 | 3.0 | | | 0.34 | 2.7 | | 10.5 | 10.2 | 92 | | 0.96 | 47 | | 0.09 | 10.74 | 0.00 |
| 649.0 | 1622 | 4.0 | | | 0.34 | 2.7 | | 10.6 | 10.2 | 92 | | 0.95 | 46 | | 0.09 | 10.73 | 0.00 |
| 649.0 | 1622 | 5.0 | | | 0.34 | 2.7 | | 10.5 | 10.2 | 92 | | 0.91 | 44 | | 0.09 | 10.73 | 0.00 |
| 649.0 | 1622 | 6.0 | | | 0.34 | 2.7 | | 10.6 | 10.2 | 92 | | 0.90 | 44 | | 0.09 | 10.73 | 0.00 |
| 649.0 | 1622 | 7.0 | | | 0.35 | 2.8 | | 10.6 | 10.2 | 93 | | 0.90 | 44 | | 0.09 | 10.72 | 0.00 |
| 649.0 | 1622 | 8.0 | | | 0.36 | 2.8 | | 10.6 | 10.2 | 93 | | 0.90 | 44 | | 0.09 | 10.73 | 0.00 |
| 649.0 | 1622 | 9.0 | | | 0.36 | 2.9 | | 10.6 | 10.2 | 92 | | 0.90 | 44 | | 0.09 | 10.72 | 0.00 |
| 649.0 | 1622 | 10.0 | | | 0.36 | 2.8 | | 10.6 | 10.3 | 93 | | 0.89 | 44 | | 0.09 | 10.72 | 0.00 |
| 649.0 | 1622 | 11.0 | | | 0.36 | 2.9 | | 10.6 | 10.3 | 93 | | 0.91 | 45 | | 0.09 | 10.72 | 0.00 |
| 2.0 | 1604 | 1.0 | | | 0.24 | 1.8 | | 10.3 | 10.0 | 92 | | 0.58 | 30 | 2.7 | 0.09 | 11.28 | 0.00 |
| 2.0 | 1604 | 2.0 | | | 0.24 | 1.8 | | 10.3 | 10.0 | 92 | | 0.56 | 29 | | 0.09 | 11.27 | 0.00 |
| 2.0 | 1604 | 3.0 | | | 0.24 | 1.8 | | 10.3 | 10.0 | 92 | | 0.56 | 29 | | 0.09 | 11.28 | 0.00 |
| 2.0 | 1604 | 4.0 | | | 0.24 | 1.8 | | 10.2 | 9.9 | 91 | | 0.56 | 29 | | 0.09 | 11.29 | 0.00 |
| 2.0 | 1604 | 5.0 | | | 0.25 | 1.9 | | 10.3 | 9.9 | 91 | | 0.57 | 29 | | 0.09 | 11.19 | 0.00 |
| 2.0 | 1604 | 6.0 | | | 0.25 | 1.9 | | 10.3 | 10.0 | 91 | | 0.64 | 32 | | 0.09 | 11.10 | 0.00 |
| 2.0 | 1604 | 7.0 | | | 0.26 | 2.0 | | 10.4 | 10.0 | 91 | | 0.68 | 34 | | 0.09 | 11.06 | 0.00 |
| 2.0 | 1604 | 8.0 | | | 0.26 | 2.0 | | 10.3 | 10.0 | 91 | | 0.68 | 34 | | 0.09 | 11.08 | 0.00 |
| 2.0 | 1604 | 9.0 | | | 0.26 | 2.0 | | 10.3 | 10.0 | 91 | | 0.65 | 33 | | 0.09 | 11.09 | 0.00 |
| 2.0 | 1604 | 10.0 | | | 0.26 | 2.0 | | 10.4 | 10.1 | 92 | | 0.68 | 34 | | 0.09 | 11.06 | 0.00 |
| 2.0 | 1604 | 11.0 | | | 0.26 | 2.0 | | 10.4 | 10.1 | 92 | | 0.69 | 35 | | 0.09 | 11.06 | 0.00 |
| 3.0 | 1549 | 1.0 | | | 0.28 | 2.1 | | 10.3 | 10.0 | 91 | | 0.79 | 39 | 3.1 | 0.09 | 11.02 | 0.00 |
| 3.0 | 1549 | 2.0 | 2.1 | 0.65 | 0.28 | 2.1 | 10.4 | 10.3 | 10.0 | 91 | 33.0 | 0.73 | 37 | | 0.09 | 11.02 | 0.00 |
| 3.0 | 1549 | 3.0 | | | 0.28 | 2.1 | | 10.3 | 10.0 | 91 | | 0.72 | 36 | | 0.09 | 11.02 | 0.00 |
| 3.0 | 1549 | 4.0 | | | 0.28 | 2.2 | | 10.3 | 10.0 | 91 | | 0.70 | 35 | | 0.09 | 11.02 | 0.00 |
| 3.0 | 1549 | 5.0 | | | 0.28 | 2.2 | | 10.3 | 10.0 | 91 | | 0.70 | 35 | | 0.09 | 11.02 | 0.00 |
| 3.0 | 1549 | 6.0 | | | 0.28 | 2.1 | | 10.3 | 10.0 | 91 | | 0.69 | 35 | | 0.09 | 11.03 | 0.00 |
| 3.0 | 1549 | 7.0 | | | 0.28 | 2.2 | | 10.3 | 10.0 | 91 | | 0.71 | 36 | | 0.09 | 11.02 | 0.00 |

97057

February 26, 1997

North San Francisco Bay

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|-----|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-------------|-------|-------|-------|------|
| 3.0 | 1549 | 8.0 | | | 0.28 | 2.2 | | 10.3 | 10.0 | 91 | | 0.71 | 35 | | 0.09 | 11.02 | 0.00 |
| 3.0 | 1549 | 9.0 | | | 0.28 | 2.2 | | 10.3 | 10.0 | 91 | | 0.70 | 35 | | 0.09 | 11.02 | 0.00 |
| 3.0 | 1549 | 10.0 | | | 0.28 | 2.2 | | 10.3 | 10.0 | 91 | | 0.69 | 35 | | 0.09 | 11.01 | 0.00 |
| 3.0 | 1549 | 11.0 | | | 0.28 | 2.2 | | 10.3 | 10.0 | 91 | | 0.69 | 35 | | 0.09 | 11.01 | 0.00 |
| 3.0 | 1549 | 12.0 | | | 0.28 | 2.2 | | 10.3 | 10.0 | 91 | | 0.70 | 35 | | 0.09 | 11.00 | 0.00 |
| 3.0 | 1549 | 13.0 | | | 0.28 | 2.2 | | 10.3 | 10.0 | 91 | | 0.70 | 35 | | 0.09 | 10.98 | 0.00 |
| 3.0 | 1549 | 14.0 | 2.0 | 0.59 | 0.28 | 2.2 | | 10.3 | 10.0 | 91 | | 0.75 | 37 | | 0.09 | 10.98 | 0.00 |
| 4.0 | 1525 | 1.0 | | | 0.24 | 1.8 | | 10.1 | 9.8 | 90 | | 0.62 | 32 | 2.8 | 0.09 | 11.36 | 0.00 |
| 4.0 | 1525 | 2.0 | | | 0.24 | 1.8 | | 10.1 | 9.9 | 90 | | 0.59 | 30 | | 0.09 | 11.36 | 0.00 |
| 4.0 | 1525 | 3.0 | | | 0.24 | 1.8 | | 10.1 | 9.8 | 90 | | 0.60 | 31 | | 0.09 | 11.36 | 0.00 |
| 4.0 | 1525 | 4.0 | | | 0.25 | 1.9 | | 10.2 | 9.9 | 90 | | 0.59 | 30 | | 0.09 | 11.34 | 0.00 |
| 4.0 | 1525 | 5.0 | | | 0.25 | 1.9 | | 10.2 | 9.9 | 91 | | 0.61 | 31 | | 0.09 | 11.34 | 0.00 |
| 4.0 | 1525 | 6.0 | | | 0.25 | 1.9 | | 10.2 | 9.9 | 90 | | 0.61 | 31 | | 0.09 | 11.33 | 0.00 |
| 4.0 | 1525 | 7.0 | | | 0.24 | 1.8 | | 10.2 | 9.9 | 90 | | 0.62 | 31 | | 0.09 | 11.32 | 0.00 |
| 4.0 | 1525 | 8.0 | | | 0.25 | 1.9 | | 10.1 | 9.8 | 90 | | 0.61 | 31 | | 0.09 | 11.30 | 0.00 |
| 4.0 | 1525 | 9.0 | | | 0.25 | 1.9 | | 10.2 | 9.9 | 90 | | 0.63 | 32 | | 0.09 | 11.16 | 0.00 |
| 4.0 | 1525 | 10.0 | | | 0.26 | 2.0 | | 10.2 | 9.9 | 90 | | 0.65 | 33 | | 0.09 | 11.12 | 0.00 |
| 4.0 | 1525 | 11.0 | | | 0.26 | 2.0 | | 10.2 | 9.9 | 90 | | 0.67 | 34 | | 0.09 | 11.08 | 0.00 |
| 4.0 | 1525 | 12.0 | | | 0.27 | 2.1 | | 10.2 | 9.9 | 90 | | 0.69 | 35 | | 0.09 | 11.06 | 0.00 |
| 4.0 | 1525 | 13.0 | | | 0.27 | 2.1 | | 10.2 | 9.9 | 90 | | 0.69 | 35 | | 0.09 | 11.07 | 0.00 |
| 4.0 | 1525 | 14.0 | | | 0.28 | 2.1 | | 10.3 | 10.0 | 91 | | 0.70 | 35 | | 0.09 | 11.08 | 0.00 |
| 4.0 | 1525 | 15.0 | | | 0.27 | 2.1 | | 10.3 | 10.0 | 91 | | 0.72 | 36 | | 0.09 | 11.08 | 0.00 |
| 4.0 | 1525 | 16.0 | | | 0.26 | 2.0 | | 10.3 | 10.0 | 91 | | 0.73 | 37 | | 0.09 | 11.12 | 0.00 |
| 4.0 | 1525 | 17.0 | | | 0.26 | 2.0 | | 10.3 | 10.0 | 91 | | 0.76 | 38 | | 0.09 | 11.15 | 0.00 |
| 4.0 | 1525 | 18.0 | | | 0.26 | 2.0 | | 10.3 | 10.0 | 91 | | 0.75 | 38 | | 0.09 | 11.20 | 0.00 |
| 5.0 | 1509 | 1.0 | | | 0.26 | 2.0 | | 10.2 | 9.9 | 90 | | 0.75 | 37 | 2.8 | 0.09 | 11.18 | 0.00 |
| 5.0 | 1509 | 2.0 | | | 0.26 | 2.0 | | 10.2 | 9.9 | 91 | | 0.72 | 36 | | 0.09 | 11.14 | 0.00 |
| 5.0 | 1509 | 3.0 | | | 0.26 | 2.0 | | 10.2 | 9.9 | 91 | | 0.73 | 36 | | 0.09 | 11.14 | 0.00 |
| 5.0 | 1509 | 4.0 | | | 0.26 | 2.0 | | 10.2 | 9.9 | 91 | | 0.72 | 36 | | 0.09 | 11.13 | 0.00 |
| 5.0 | 1509 | 5.0 | | | 0.27 | 2.1 | | 10.3 | 10.0 | 91 | | 0.73 | 37 | | 0.09 | 11.12 | 0.00 |
| 5.0 | 1509 | 6.0 | | | 0.28 | 2.1 | | 10.3 | 10.0 | 91 | | 0.71 | 36 | | 0.09 | 11.13 | 0.00 |
| 5.0 | 1509 | 7.0 | | | 0.28 | 2.2 | | 10.3 | 10.0 | 91 | | 0.72 | 36 | | 0.09 | 11.11 | 0.00 |
| 5.0 | 1509 | 8.0 | | | 0.28 | 2.1 | | 10.3 | 10.0 | 91 | | 0.74 | 37 | | 0.09 | 11.11 | 0.00 |
| 5.0 | 1509 | 9.0 | | | 0.27 | 2.1 | | 10.3 | 10.0 | 91 | | 0.74 | 37 | | 0.09 | 11.11 | 0.00 |
| 5.0 | 1509 | 10.0 | | | 0.28 | 2.1 | | 10.3 | 10.0 | 91 | | 0.76 | 38 | | 0.09 | 11.10 | 0.00 |
| 5.0 | 1509 | 11.0 | | | 0.28 | 2.1 | | 10.3 | 10.0 | 91 | | 0.78 | 39 | | 0.09 | 11.10 | 0.00 |
| 5.0 | 1509 | 12.0 | | | 0.28 | 2.1 | | 10.3 | 10.0 | 91 | | 0.76 | 38 | | 0.09 | 11.10 | 0.00 |
| 6.0 | 1449 | 1.0 | | | 0.26 | 2.0 | | 10.4 | 10.1 | 92 | | 0.79 | 39 | 3.4 | 0.09 | 11.19 | 0.00 |
| 6.0 | 1449 | 2.0 | 1.4 | 0.63 | 0.26 | 2.0 | 10.1 | 10.4 | 10.1 | 92 | 35.4 | 0.72 | 36 | | 0.09 | 11.19 | 0.00 |
| 6.0 | 1449 | 3.0 | | | 0.26 | 2.0 | 10.4 | 10.4 | 10.1 | 92 | | 0.72 | 36 | | 0.09 | 11.18 | 0.00 |

| STN | TIME | DEPTH | DISCR | CHL a/ a+PHA | FLUOR | CALC | DISCR | OXYG | OXYG | CALC | % OXY | DISCR | OBS | SPM | EXCOF | SALIN | TEMP | SIGT |
|-----|------|-------|-------|-----------------|-------|------|-------|------|------|------|-------|-------|------|-----|-------|-------|-------|------|
| 6.0 | 1449 | 4.0 | | | 0.25 | 1.9 | | | 10.4 | 10.1 | 92 | | 0.73 | 37 | | 0.09 | 11.17 | 0.00 |
| 6.0 | 1449 | 5.0 | | | 0.25 | 1.9 | | | 10.4 | 10.1 | 92 | | 0.72 | 36 | | 0.09 | 11.18 | 0.00 |
| 6.0 | 1449 | 6.0 | | | 0.26 | 2.0 | | | 10.4 | 10.1 | 92 | | 0.74 | 37 | | 0.09 | 11.16 | 0.00 |
| 6.0 | 1449 | 7.0 | | | 0.26 | 2.0 | | | 10.4 | 10.1 | 92 | | 0.75 | 38 | | 0.09 | 11.16 | 0.00 |
| 6.0 | 1449 | 8.0 | | | 0.26 | 2.0 | | | 10.4 | 10.1 | 92 | | 0.76 | 38 | | 0.09 | 11.16 | 0.00 |
| 6.0 | 1449 | 9.0 | | | 0.26 | 2.0 | | | 10.4 | 10.1 | 92 | | 0.74 | 37 | | 0.09 | 11.16 | 0.00 |
| 6.0 | 1449 | 10.0 | | | 0.26 | 2.0 | | | 10.4 | 10.1 | 92 | | 0.74 | 37 | | 0.09 | 11.16 | 0.00 |
| 6.0 | 1449 | 11.0 | 1.7 | 0.56 | 0.26 | 2.0 | | | 10.4 | 10.1 | 92 | | 0.79 | 39 | | 0.09 | 11.15 | 0.00 |
| 7.0 | 1425 | 1.0 | | | 0.25 | 1.9 | | | 10.2 | 9.9 | 91 | | 0.97 | 47 | 3.5 | 0.12 | 11.46 | 0.00 |
| 7.0 | 1425 | 2.0 | | | 0.25 | 1.9 | | | 10.1 | 9.8 | 90 | | 0.86 | 42 | | 0.12 | 11.42 | 0.00 |
| 7.0 | 1425 | 3.0 | | | 0.25 | 1.9 | | | 10.2 | 9.9 | 91 | | 0.94 | 46 | | 0.13 | 11.32 | 0.00 |
| 7.0 | 1425 | 4.0 | | | 0.26 | 2.0 | | | 10.1 | 9.8 | 90 | | 1.00 | 48 | | 0.13 | 11.35 | 0.00 |
| 7.0 | 1425 | 5.0 | | | 0.26 | 2.0 | | | 10.2 | 9.9 | 90 | | 1.11 | 53 | | 0.14 | 11.31 | 0.00 |
| 7.0 | 1425 | 6.0 | | | 0.26 | 2.0 | | | 10.2 | 9.9 | 90 | | 1.14 | 55 | | 0.14 | 11.30 | 0.00 |
| 7.0 | 1425 | 7.0 | | | 0.26 | 2.0 | | | 10.2 | 9.9 | 91 | | 1.16 | 55 | | 0.14 | 11.30 | 0.00 |
| 7.0 | 1425 | 8.0 | | | 0.27 | 2.1 | | | 10.2 | 9.9 | 91 | | 1.18 | 56 | | 0.14 | 11.30 | 0.00 |
| 7.0 | 1425 | 9.0 | | | 0.27 | 2.1 | | | 10.2 | 9.9 | 91 | | 1.18 | 57 | | 0.14 | 11.31 | 0.00 |
| 7.0 | 1425 | 10.0 | | | 0.27 | 2.1 | | | 10.2 | 9.9 | 91 | | 1.18 | 56 | | 0.14 | 11.30 | 0.00 |
| 7.0 | 1425 | 11.0 | | | 0.27 | 2.1 | | | 10.2 | 9.9 | 91 | | 1.17 | 56 | | 0.14 | 11.31 | 0.00 |
| 7.0 | 1425 | 12.0 | | | 0.27 | 2.1 | | | 10.3 | 9.9 | 91 | | 1.17 | 56 | | 0.14 | 11.31 | 0.00 |
| 7.0 | 1425 | 13.0 | | | 0.27 | 2.1 | | | 10.3 | 9.9 | 91 | | 1.23 | 59 | | 0.14 | 11.31 | 0.00 |
| 7.0 | 1425 | 14.0 | | | 0.27 | 2.1 | | | 10.3 | 9.9 | 91 | | 1.25 | 59 | | 0.14 | 11.31 | 0.00 |
| 7.0 | 1425 | 15.0 | | | 0.27 | 2.1 | | | 10.3 | 9.9 | 91 | | 1.27 | 61 | | 0.14 | 11.31 | 0.00 |
| 8.0 | 1402 | 1.0 | | | 0.27 | 2.1 | | | 10.0 | 9.7 | 90 | | 1.13 | 54 | 3.8 | 0.41 | 11.72 | 0.00 |
| 8.0 | 1402 | 2.0 | | | 0.27 | 2.1 | | | 10.0 | 9.7 | 90 | | 1.05 | 51 | | 0.42 | 11.63 | 0.00 |
| 8.0 | 1402 | 3.0 | | | 0.26 | 2.0 | | | 9.9 | 9.6 | 89 | | 1.03 | 50 | | 0.43 | 11.57 | 0.00 |
| 8.0 | 1402 | 4.0 | | | 0.26 | 2.0 | | | 9.9 | 9.6 | 89 | | 1.03 | 50 | | 0.50 | 11.41 | 0.00 |
| 8.0 | 1402 | 5.0 | | | 0.27 | 2.1 | | | 9.9 | 9.7 | 89 | | 1.02 | 49 | | 0.66 | 11.29 | 0.09 |
| 8.0 | 1402 | 6.0 | | | 0.28 | 2.1 | | | 9.9 | 9.6 | 89 | | 1.04 | 50 | | 1.34 | 11.22 | 0.63 |
| 8.0 | 1402 | 7.0 | | | 0.29 | 2.3 | | | 9.8 | 9.6 | 89 | | 1.12 | 54 | | 2.18 | 11.18 | 1.29 |
| 8.0 | 1402 | 8.0 | | | 0.31 | 2.4 | | | 9.8 | 9.5 | 88 | | 1.29 | 61 | | 2.74 | 11.18 | 1.73 |
| 8.0 | 1402 | 9.0 | | | 0.32 | 2.5 | | | 9.8 | 9.5 | 88 | | 1.62 | 76 | | 2.95 | 11.18 | 1.89 |
| 8.0 | 1402 | 10.0 | | | 0.33 | 2.6 | | | 9.8 | 9.5 | 89 | | 1.88 | 88 | | 3.39 | 11.18 | 2.23 |
| 8.0 | 1402 | 11.0 | | | 0.33 | 2.7 | | | 9.8 | 9.5 | 89 | | 2.32 | 107 | | 3.67 | 11.18 | 2.45 |
| 8.0 | 1402 | 12.0 | | | 0.34 | 2.7 | | | 9.7 | 9.4 | 89 | | 2.44 | 113 | | 4.62 | 11.21 | 3.19 |
| 8.0 | 1402 | 13.0 | | | 0.37 | 2.9 | | | 9.6 | 9.3 | 89 | | 2.39 | 110 | | 5.90 | 11.26 | 4.18 |
| 8.0 | 1402 | 14.0 | | | 0.41 | 3.4 | | | 9.5 | 9.3 | 88 | | 2.80 | 129 | | 6.43 | 11.28 | 4.58 |
| 8.0 | 1402 | 15.0 | | | 0.42 | 3.4 | | | 9.5 | 9.3 | 89 | | 4.39 | 199 | | 6.97 | 11.30 | 4.99 |
| 9.0 | 1341 | 1.0 | | | 0.27 | 2.1 | | | 10.3 | 10.0 | 92 | | 1.24 | 59 | 4.7 | 1.11 | 11.46 | 0.43 |
| 9.0 | 1341 | 2.0 | 1.1 | 0.45 | 0.28 | 2.1 | 9.9 | 10.3 | 9.9 | 9.9 | 92 | 65.1 | 1.22 | 58 | | 1.57 | 11.28 | 0.81 |

North San Francisco Bay

February 26, 1997

97057

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | SPM | CALC | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|-------|-----|------|-------|-------|-------|------|
| 9.0 | 1341 | 3.0 | | | 0.29 | 2.2 | | 10.2 | 9.9 | 92 | | 1.28 | 61 | | | 2.57 | 11.23 | 1.59 |
| 9.0 | 1341 | 4.0 | | | 0.29 | 2.3 | | 10.1 | 9.8 | 91 | | 1.28 | 61 | | | 3.34 | 11.21 | 2.19 |
| 9.0 | 1341 | 5.0 | | | 0.30 | 2.4 | | 10.1 | 9.8 | 91 | | 1.22 | 58 | | | 3.69 | 11.20 | 2.46 |
| 9.0 | 1341 | 6.0 | | | 0.31 | 2.4 | | 10.0 | 9.7 | 91 | | 1.20 | 57 | | | 4.03 | 11.20 | 2.73 |
| 9.0 | 1341 | 7.0 | | | 0.31 | 2.4 | | 10.0 | 9.7 | 91 | | 1.23 | 59 | | | 4.37 | 11.21 | 2.99 |
| 9.0 | 1341 | 8.0 | | | 0.31 | 2.4 | | 10.0 | 9.7 | 91 | | 1.25 | 60 | | | 4.64 | 11.21 | 3.20 |
| 9.0 | 1341 | 9.0 | | | 0.31 | 2.4 | | 9.9 | 9.7 | 91 | | 1.32 | 63 | | | 4.94 | 11.22 | 3.43 |
| 9.0 | 1341 | 10.0 | | | 0.31 | 2.4 | | 9.9 | 9.7 | 91 | | 1.44 | 68 | | | 5.13 | 11.23 | 3.58 |
| 9.0 | 1341 | 11.0 | | | 0.32 | 2.5 | | 9.9 | 9.7 | 91 | | 1.57 | 74 | | | 5.23 | 11.23 | 3.66 |
| 9.0 | 1341 | 12.0 | | | 0.33 | 2.6 | | 9.9 | 9.7 | 91 | | 1.78 | 83 | | | 5.29 | 11.23 | 3.70 |
| 9.0 | 1341 | 13.0 | | | 0.34 | 2.7 | | 9.9 | 9.6 | 91 | | 1.97 | 92 | | | 5.70 | 11.25 | 4.02 |
| 9.0 | 1341 | 14.0 | | | 0.36 | 2.9 | | 9.9 | 9.6 | 91 | | 2.40 | 111 | | | 6.41 | 11.27 | 4.57 |
| 9.0 | 1341 | 15.0 | | | 0.38 | 3.0 | | 9.8 | 9.5 | 91 | | 2.58 | 119 | | | 7.19 | 11.30 | 5.17 |
| 9.0 | 1341 | 16.0 | | | 0.39 | 3.1 | | 9.7 | 9.5 | 91 | | 3.55 | 162 | | | 7.81 | 11.33 | 5.65 |
| 9.0 | 1341 | 17.0 | | | 0.39 | 3.2 | | 9.7 | 9.4 | 91 | | 3.74 | 170 | | | 7.89 | 11.33 | 5.71 |
| 9.0 | 1341 | 18.0 | | | 0.40 | 3.2 | | 9.7 | 9.4 | 91 | | 3.93 | 179 | | | 7.99 | 11.33 | 5.78 |
| 9.0 | 1341 | 19.0 | | | 0.40 | 3.3 | | 9.7 | 9.4 | 91 | | 4.04 | 183 | | | 8.09 | 11.34 | 5.86 |
| 9.0 | 1341 | 20.0 | | | 0.41 | 3.3 | | 9.6 | 9.4 | 91 | | 4.07 | 185 | | | 8.38 | 11.34 | 6.09 |
| 9.0 | 1341 | 21.0 | | | 0.41 | 3.4 | | 9.6 | 9.4 | 91 | | 4.21 | 191 | | | 8.61 | 11.34 | 6.26 |
| 9.0 | 1341 | 22.0 | | | 0.43 | 3.5 | | 9.6 | 9.4 | 91 | | 4.24 | 193 | | | 8.79 | 11.35 | 6.40 |
| 9.0 | 1341 | 23.0 | | | 0.45 | 3.7 | | 9.6 | 9.3 | 91 | | 4.39 | 199 | | | 9.29 | 11.36 | 6.78 |
| 9.0 | 1341 | 24.0 | | | 0.47 | 3.9 | | 9.5 | 9.3 | 90 | | 5.19 | 235 | | | 9.43 | 11.37 | 6.89 |
| 9.0 | 1341 | 25.0 | | | 0.49 | 4.1 | | 9.5 | 9.3 | 90 | | 7.04 | 317 | | | 9.43 | 11.38 | 6.89 |
| 9.0 | 1341 | 26.0 | | | 0.49 | 4.1 | | 9.5 | 9.3 | 90 | | 8.16 | 367 | | | 9.44 | 11.38 | 6.90 |
| 9.0 | 1341 | 27.0 | | | 0.50 | 4.1 | | 9.5 | 9.3 | 90 | | 8.96 | 402 | | | 9.46 | 11.38 | 6.91 |
| 9.0 | 1341 | 28.0 | | | 0.51 | 4.3 | | 9.5 | 9.3 | 90 | | 9.36 | 420 | | | 9.50 | 11.39 | 6.95 |
| 9.0 | 1341 | 29.0 | | | 0.52 | 4.3 | | 9.5 | 9.3 | 90 | | 9.53 | 428 | | | 9.50 | 11.39 | 6.95 |
| 9.0 | 1341 | 30.0 | | | 0.52 | 4.3 | | 9.5 | 9.3 | 90 | | 9.73 | 436 | | | 9.48 | 11.39 | 6.93 |
| 9.0 | 1341 | 31.0 | | | 0.52 | 4.3 | | 9.5 | 9.3 | 90 | | 9.97 | 447 | | | 9.45 | 11.40 | 6.91 |
| 9.0 | 1341 | 32.0 | | | 0.52 | 4.3 | | 9.5 | 9.3 | 90 | | 10.00 | 448 | | | 9.44 | 11.40 | 6.89 |
| 9.0 | 1341 | 33.0 | | | 0.52 | 4.3 | | 9.5 | 9.3 | 90 | | 10.00 | 448 | | | 9.40 | 11.40 | 6.86 |
| 9.0 | 1341 | 34.0 | | | 0.51 | 4.3 | | 9.5 | 9.3 | 90 | | 10.00 | 448 | | | 9.47 | 11.40 | 6.92 |
| 9.0 | 1341 | 35.0 | | | 0.52 | 4.3 | | 9.5 | 9.3 | 90 | | 10.00 | 448 | | | 9.47 | 11.40 | 6.92 |
| 9.0 | 1341 | 36.0 | 2.4 | 0.28 | 0.52 | 4.3 | | 9.3 | 9.1 | 89 | | 10.00 | 448 | | | 9.46 | 11.40 | 6.91 |
| 10.0 | 1329 | 1.0 | | | 0.27 | 2.1 | | 9.9 | 9.6 | 89 | | 1.27 | 61 | | 4.6 | 1.58 | 11.52 | 0.79 |
| 10.0 | 1329 | 2.0 | | | 0.27 | 2.1 | | 9.8 | 9.6 | 89 | | 1.21 | 58 | | | 1.60 | 11.44 | 0.81 |
| 10.0 | 1329 | 3.0 | | | 0.28 | 2.2 | | 9.8 | 9.5 | 88 | | 1.25 | 60 | | | 1.83 | 11.32 | 1.00 |
| 10.0 | 1329 | 4.0 | | | 0.28 | 2.2 | | 9.8 | 9.5 | 88 | | 1.23 | 59 | | | 2.11 | 11.22 | 1.23 |
| 10.0 | 1329 | 5.0 | | | 0.28 | 2.2 | | 9.8 | 9.6 | 89 | | 1.24 | 59 | | | 2.17 | 11.21 | 1.28 |
| 10.0 | 1329 | 6.0 | | | 0.28 | 2.2 | | 9.8 | 9.6 | 89 | | 1.22 | 58 | | | 2.25 | 11.22 | 1.34 |
| 10.0 | 1329 | 7.0 | | | 0.28 | 2.2 | | 9.8 | 9.5 | 88 | | 1.22 | 58 | | | 2.82 | 11.24 | 1.78 |
| 10.0 | 1329 | 8.0 | | | 0.29 | 2.2 | | 9.7 | 9.4 | 88 | | 1.21 | 58 | | | 4.19 | 11.20 | 2.85 |

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February 26, 1997

North San Francisco Bay

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|-------|-------------|-------|-------|-------|-------|
| 10.0 | 1329 | 9.0 | | | 0.30 | 2.3 | | 9.6 | 9.4 | 88 | | 1.14 | 55 | | 4.93 | 11.22 | 3.42 |
| 10.0 | 1329 | 10.0 | | | 0.31 | 2.4 | | 9.6 | 9.4 | 88 | | 1.16 | 56 | | 5.10 | 11.23 | 3.56 |
| 10.0 | 1329 | 11.0 | | | 0.32 | 2.5 | | 9.6 | 9.4 | 89 | | 1.26 | 60 | | 5.45 | 11.24 | 3.83 |
| 10.0 | 1329 | 12.0 | | | 0.33 | 2.6 | | 9.6 | 9.3 | 89 | | 1.40 | 66 | | 6.03 | 11.27 | 4.27 |
| 10.0 | 1329 | 13.0 | | | 0.35 | 2.8 | | 9.5 | 9.3 | 88 | | 1.60 | 75 | | 6.86 | 11.30 | 4.91 |
| 10.0 | 1329 | 14.0 | | | 0.36 | 2.8 | | 9.4 | 9.2 | 88 | | 1.95 | 90 | | 7.65 | 11.33 | 5.52 |
| 10.0 | 1329 | 15.0 | | | 0.37 | 3.0 | | 9.4 | 9.1 | 88 | | 2.06 | 96 | | 8.49 | 11.36 | 6.17 |
| 10.0 | 1329 | 16.0 | | | 0.41 | 3.3 | | 9.2 | 9.0 | 88 | | 2.07 | 96 | | 10.07 | 11.40 | 7.38 |
| 10.0 | 1329 | 17.0 | | | 0.45 | 3.7 | | 9.0 | 8.8 | 87 | | 4.77 | 216 | | 11.79 | 11.44 | 8.71 |
| 10.0 | 1329 | 18.0 | | | 0.44 | 3.6 | | 9.0 | 8.8 | 87 | | 5.70 | 258 | | 12.00 | 11.45 | 8.87 |
| 11.0 | 1309 | 1.0 | | | 0.29 | 2.3 | | 9.7 | 9.4 | 88 | | 0.91 | 44 | 3.9 | 3.53 | 11.39 | 2.32 |
| 11.0 | 1309 | 2.0 | | | 0.29 | 2.3 | | 9.7 | 9.5 | 89 | | 0.86 | 42 | | 4.22 | 11.22 | 2.88 |
| 11.0 | 1309 | 3.0 | | | 0.31 | 2.4 | | 9.6 | 9.4 | 89 | | 0.84 | 41 | | 5.95 | 11.26 | 4.21 |
| 11.0 | 1309 | 4.0 | | | 0.32 | 2.6 | | 9.5 | 9.3 | 89 | | 0.93 | 46 | | 7.20 | 11.30 | 5.17 |
| 11.0 | 1309 | 5.0 | | | 0.34 | 2.7 | | 9.6 | 9.3 | 89 | | 1.14 | 55 | | 7.40 | 11.34 | 5.33 |
| 11.0 | 1309 | 6.0 | | | 0.35 | 2.8 | | 9.6 | 9.4 | 90 | | 1.18 | 57 | | 7.82 | 11.40 | 5.64 |
| 11.0 | 1309 | 7.0 | | | 0.36 | 2.9 | | 9.6 | 9.4 | 91 | | 1.18 | 56 | | 8.42 | 11.55 | 6.09 |
| 11.0 | 1309 | 8.0 | | | 0.38 | 3.1 | | 9.6 | 9.4 | 91 | | 1.07 | 52 | | 8.86 | 11.65 | 6.42 |
| 11.0 | 1309 | 9.0 | | | 0.39 | 3.1 | | 9.7 | 9.4 | 92 | | 1.25 | 59 | | 9.08 | 11.73 | 6.57 |
| 11.0 | 1309 | 10.0 | | | 0.40 | 3.2 | | 9.6 | 9.3 | 92 | | 1.47 | 69 | | 9.30 | 11.85 | 6.73 |
| 11.0 | 1309 | 11.0 | | | 0.43 | 3.5 | | 9.4 | 9.1 | 90 | | 2.41 | 111 | | 10.08 | 11.83 | 7.34 |
| 11.0 | 1309 | 12.0 | | | 0.48 | 4.0 | | 9.1 | 8.9 | 89 | | 3.48 | 159 | | 11.80 | 11.69 | 8.69 |
| 11.0 | 1309 | 13.0 | | | 0.54 | 4.5 | | 8.8 | 8.6 | 88 | | 6.98 | 314 | | 16.06 | 11.51 | 12.00 |
| 11.0 | 1309 | 14.0 | | | 0.54 | 4.5 | | 8.9 | 8.7 | 89 | | 11.70 | 524 | | 16.42 | 11.49 | 12.28 |
| 12.0 | 1251 | 1.0 | | | 0.46 | 3.8 | | 9.7 | 9.4 | 89 | | 0.75 | 37 | 3.2 | 5.48 | 11.44 | 3.82 |
| 12.0 | 1251 | 2.0 | | | 0.48 | 4.0 | | 9.7 | 9.4 | 90 | | 0.97 | 47 | | 6.65 | 11.53 | 4.72 |
| 12.0 | 1251 | 3.0 | | | 0.48 | 3.9 | | 9.6 | 9.4 | 91 | | 1.01 | 49 | | 7.93 | 11.64 | 5.69 |
| 12.0 | 1251 | 4.0 | | | 0.43 | 3.5 | | 9.4 | 9.2 | 90 | | 1.03 | 50 | | 9.41 | 11.78 | 6.83 |
| 12.0 | 1251 | 5.0 | | | 0.38 | 3.0 | | 9.2 | 9.0 | 88 | | 1.00 | 48 | | 10.12 | 11.77 | 7.37 |
| 12.0 | 1251 | 6.0 | | | 0.35 | 2.8 | | 9.0 | 8.8 | 87 | | 1.00 | 48 | | 11.24 | 11.59 | 8.27 |
| 12.0 | 1251 | 7.0 | | | 0.35 | 2.8 | | 8.8 | 8.6 | 86 | | 1.04 | 50 | | 13.26 | 11.49 | 9.84 |
| 12.0 | 1251 | 8.0 | | | 0.34 | 2.7 | | 8.5 | 8.3 | 85 | | 0.96 | 47 | | 16.49 | 11.44 | 12.35 |
| 12.0 | 1251 | 9.0 | | | 0.33 | 2.6 | | 8.2 | 8.1 | 84 | | 0.84 | 41 | | 19.14 | 11.39 | 14.40 |
| 12.0 | 1251 | 10.0 | | | 0.38 | 3.1 | | 8.0 | 7.9 | 83 | | 0.93 | 45 | | 21.00 | 11.35 | 15.85 |
| 12.0 | 1251 | 11.0 | | | 0.40 | 3.2 | | 8.0 | 7.9 | 83 | | 4.74 | 215 | | 21.81 | 11.32 | 16.48 |
| 13.0 | 1225 | 1.0 | | | 0.32 | 2.5 | | 9.3 | 9.1 | 90 | | 0.38 | 21 | 2.0 | 10.93 | 11.82 | 7.99 |
| 13.0 | 1225 | 2.0 | 2.6 | 0.79 | 0.32 | 2.5 | 9.1 | 9.4 | 9.1 | 90 | 24.1 | 0.37 | 21 | | 10.74 | 11.73 | 7.86 |
| 13.0 | 1225 | 3.0 | | | 0.31 | 2.4 | | 9.3 | 9.0 | 89 | | 0.37 | 21 | | 10.67 | 11.74 | 7.80 |
| 13.0 | 1225 | 4.0 | | | 0.30 | 2.3 | | 9.3 | 9.1 | 89 | | 0.38 | 21 | | 10.94 | 11.58 | 8.04 |
| 13.0 | 1225 | 5.0 | | | 0.29 | 2.2 | | 9.2 | 9.0 | 89 | | 0.38 | 21 | | 11.43 | 11.52 | 8.42 |

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February 26, 1997

North San Francisco Bay

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 13.0 | 1225 | 6.0 | | | 0.28 | 2.2 | | 8.9 | 8.7 | 88 | | 0.37 | 21 | | 15.11 | 11.52 | 11.26 |
| 13.0 | 1225 | 7.0 | | | 0.29 | 2.3 | | 8.7 | 8.5 | 86 | | 0.37 | 21 | | 15.93 | 11.52 | 11.90 |
| 13.0 | 1225 | 8.0 | | | 0.33 | 2.6 | | 8.3 | 8.2 | 85 | | 0.39 | 21 | | 19.51 | 11.41 | 14.68 |
| 13.0 | 1225 | 9.0 | | | 0.39 | 3.1 | | 8.2 | 8.1 | 84 | | 0.61 | 31 | | 21.14 | 11.35 | 15.96 |
| 13.0 | 1225 | 10.0 | 4.2 | 0.52 | 0.39 | 3.1 | | 8.3 | 8.1 | 85 | | 0.98 | 47 | | 21.73 | 11.33 | 16.41 |
| 14.0 | 1210 | 1.0 | | | 0.29 | 2.2 | | 8.8 | 8.6 | 86 | | 0.28 | 17 | 1.5 | 11.80 | 11.52 | 8.70 |
| 14.0 | 1210 | 2.0 | | | 0.28 | 2.2 | | 8.7 | 8.5 | 85 | | 0.28 | 17 | | 12.54 | 11.47 | 9.28 |
| 14.0 | 1210 | 3.0 | | | 0.27 | 2.1 | | 8.6 | 8.5 | 84 | | 0.31 | 18 | | 13.30 | 11.42 | 9.88 |
| 14.0 | 1210 | 4.0 | | | 0.27 | 2.0 | | 8.5 | 8.4 | 84 | | 0.34 | 19 | | 14.40 | 11.44 | 10.73 |
| 14.0 | 1210 | 5.0 | | | 0.27 | 2.1 | | 8.3 | 8.2 | 83 | | 0.34 | 19 | | 16.46 | 11.41 | 12.32 |
| 14.0 | 1210 | 6.0 | | | 0.29 | 2.2 | | 7.9 | 7.8 | 81 | | 0.36 | 20 | | 20.01 | 11.38 | 15.08 |
| 14.0 | 1210 | 7.0 | | | 0.34 | 2.7 | | 7.7 | 7.6 | 80 | | 0.39 | 21 | | 22.24 | 11.28 | 16.82 |
| 14.0 | 1210 | 8.0 | | | 0.42 | 3.4 | | 7.7 | 7.6 | 80 | | 0.69 | 35 | | 22.30 | 11.28 | 16.86 |
| 14.0 | 1210 | 9.0 | | | 0.46 | 3.8 | | 7.7 | 7.6 | 80 | | 1.74 | 81 | | 22.48 | 11.27 | 17.01 |
| 14.0 | 1210 | 10.0 | | | 0.48 | 4.0 | | 7.7 | 7.6 | 80 | | 3.03 | 139 | | 22.52 | 11.27 | 17.04 |
| 14.0 | 1210 | 11.0 | | | 0.49 | 4.0 | | 7.7 | 7.6 | 80 | | 3.22 | 147 | | 22.53 | 11.27 | 17.05 |
| 14.0 | 1210 | 12.0 | | | 0.49 | 4.0 | | 7.7 | 7.6 | 80 | | 3.23 | 147 | | 22.55 | 11.27 | 17.06 |
| 14.0 | 1210 | 13.0 | | | 0.49 | 4.0 | | 7.7 | 7.6 | 80 | | 3.21 | 147 | | 22.61 | 11.27 | 17.11 |
| 14.0 | 1210 | 14.0 | | | 0.49 | 4.1 | | 7.7 | 7.6 | 80 | | 3.24 | 148 | | 22.65 | 11.26 | 17.14 |
| 15.0 | 1150 | 1.0 | | | 0.31 | 2.5 | | 9.2 | 9.0 | 88 | | 0.23 | 14 | 1.6 | 10.06 | 11.52 | 7.36 |
| 15.0 | 1150 | 2.0 | 2.4 | 0.75 | 0.29 | 2.3 | | 9.0 | 8.8 | 87 | | 0.25 | 15 | | 11.81 | 11.44 | 8.72 |
| 15.0 | 1150 | 3.0 | | | 0.27 | 2.1 | 9.1 | 8.7 | 8.5 | 86 | | 0.28 | 16 | | 14.85 | 11.38 | 11.08 |
| 15.0 | 1150 | 4.0 | | | 0.27 | 2.1 | | 8.5 | 8.4 | 85 | | 0.29 | 17 | | 16.85 | 11.34 | 12.63 |
| 15.0 | 1150 | 5.0 | | | 0.28 | 2.2 | | 8.5 | 8.3 | 85 | | 0.30 | 18 | | 17.71 | 11.35 | 13.30 |
| 15.0 | 1150 | 6.0 | | | 0.29 | 2.2 | | 8.5 | 8.3 | 85 | | 0.32 | 18 | | 17.95 | 11.36 | 13.48 |
| 15.0 | 1150 | 7.0 | | | 0.29 | 2.3 | | 8.5 | 8.3 | 85 | | 0.37 | 20 | | 18.14 | 11.36 | 13.63 |
| 15.0 | 1150 | 8.0 | | | 0.29 | 2.3 | | 8.4 | 8.3 | 85 | | 0.38 | 21 | | 18.36 | 11.36 | 13.80 |
| 15.0 | 1150 | 9.0 | | | 0.30 | 2.3 | | 8.3 | 8.2 | 85 | | 0.39 | 21 | | 19.37 | 11.36 | 14.58 |
| 15.0 | 1150 | 10.0 | | | 0.31 | 2.4 | | 8.3 | 8.1 | 84 | | 0.39 | 22 | | 19.61 | 11.36 | 14.77 |
| 15.0 | 1150 | 11.0 | | | 0.31 | 2.5 | | 8.2 | 8.0 | 84 | | 0.41 | 22 | | 20.20 | 11.35 | 15.23 |
| 15.0 | 1150 | 12.0 | | | 0.32 | 2.5 | | 8.0 | 7.9 | 83 | | 0.46 | 24 | | 21.53 | 11.30 | 16.26 |
| 15.0 | 1150 | 13.0 | | | 0.32 | 2.5 | | 7.9 | 7.8 | 82 | | 0.49 | 26 | | 22.11 | 11.28 | 16.72 |
| 15.0 | 1150 | 14.0 | | | 0.33 | 2.6 | | 7.9 | 7.8 | 82 | | 0.55 | 28 | | 22.56 | 11.25 | 17.07 |
| 15.0 | 1150 | 15.0 | | | 0.36 | 2.9 | | 7.8 | 7.7 | 81 | | 0.89 | 44 | | 23.42 | 11.18 | 17.75 |
| 15.0 | 1150 | 16.0 | | | 0.39 | 3.2 | | 7.7 | 7.6 | 81 | | 1.23 | 59 | | 23.97 | 11.14 | 18.18 |
| 15.0 | 1150 | 17.0 | | | 0.43 | 3.5 | | 7.6 | 7.5 | 80 | | 1.53 | 72 | | 24.73 | 11.09 | 18.78 |
| 15.0 | 1150 | 18.0 | | | 0.47 | 3.8 | | 7.6 | 7.5 | 80 | | 1.91 | 89 | | 25.16 | 11.06 | 19.12 |
| 15.0 | 1150 | 19.0 | | | 0.50 | 4.1 | | 7.5 | 7.5 | 80 | | 2.29 | 106 | | 25.46 | 11.05 | 19.35 |
| 15.0 | 1150 | 20.0 | | | 0.51 | 4.2 | | 7.5 | 7.4 | 80 | | 2.55 | 117 | | 25.62 | 11.04 | 19.48 |
| 15.0 | 1150 | 21.0 | | | 0.52 | 4.3 | | 7.5 | 7.4 | 80 | | 2.87 | 132 | | 25.66 | 11.03 | 19.51 |
| 15.0 | 1150 | 22.0 | | | 0.53 | 4.4 | | 7.5 | 7.4 | 80 | | 3.10 | 142 | | 25.67 | 11.03 | 19.52 |

| STN | TIME | DEPTH | DISCR | CHL a/ a+PHA | FLUOR | CALC | DISCR | CHL a | OXYG | OXYG | % OXY | DISCR | OBS | CALC | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|-------|-----------------|-------|------|-------|-------|------|------|-------|-------|------|------|-------|-------|-------|-------|
| 15.0 | 1150 | 23.0 | | | 0.54 | 4.4 | | | 7.5 | 7.4 | 79 | | 3.31 | | | 25.69 | 11.03 | 19.54 |
| 15.0 | 1150 | 24.0 | 5.0 | 0.33 | 0.53 | 4.4 | | | 7.5 | 7.4 | 80 | | 3.54 | | | 25.70 | 11.03 | 19.54 |
| 16.0 | 1123 | 1.0 | | | 0.25 | 1.9 | | | 9.0 | 8.8 | 86 | | 0.18 | | 1.5 | 10.02 | 11.60 | 7.32 |
| 16.0 | 1123 | 2.0 | | | 0.26 | 2.0 | | | 8.8 | 8.7 | 86 | | 0.16 | | | 12.14 | 11.41 | 8.98 |
| 16.0 | 1123 | 3.0 | | | 0.26 | 2.0 | | | 8.7 | 8.5 | 85 | | 0.22 | | | 13.95 | 11.41 | 10.38 |
| 16.0 | 1123 | 4.0 | | | 0.26 | 2.0 | | | 8.5 | 8.3 | 84 | | 0.30 | | | 15.47 | 11.39 | 11.56 |
| 16.0 | 1123 | 5.0 | | | 0.27 | 2.1 | | | 8.3 | 8.1 | 83 | | 0.38 | | | 16.93 | 11.35 | 12.70 |
| 16.0 | 1123 | 6.0 | | | 0.28 | 2.1 | | | 7.9 | 7.8 | 82 | | 0.42 | | | 20.84 | 11.25 | 15.74 |
| 16.0 | 1123 | 7.0 | | | 0.29 | 2.3 | | | 7.8 | 7.7 | 81 | | 0.39 | | | 22.70 | 11.22 | 17.19 |
| 16.0 | 1123 | 8.0 | | | 0.31 | 2.4 | | | 7.6 | 7.6 | 80 | | 0.50 | | | 23.06 | 11.19 | 17.46 |
| 16.0 | 1123 | 9.0 | | | 0.34 | 2.7 | | | 7.5 | 7.4 | 79 | | 0.67 | | | 24.71 | 11.09 | 18.76 |
| 16.0 | 1123 | 10.0 | | | 0.38 | 3.0 | | | 7.4 | 7.3 | 78 | | 1.16 | | | 25.99 | 10.99 | 19.77 |
| 16.0 | 1123 | 11.0 | | | 0.40 | 3.2 | | | 7.3 | 7.3 | 78 | | 1.43 | | | 26.31 | 10.96 | 20.03 |
| 16.0 | 1123 | 12.0 | | | 0.43 | 3.5 | | | 7.3 | 7.3 | 78 | | 1.62 | | | 26.39 | 10.96 | 20.08 |
| 16.0 | 1123 | 13.0 | | | 0.42 | 3.5 | | | 7.3 | 7.3 | 78 | | 1.88 | | | 26.41 | 10.96 | 20.10 |
| 17.0 | 1100 | 1.0 | | | 0.30 | 2.3 | | | 8.7 | 8.6 | 87 | | 0.30 | | 1.7 | 16.24 | 11.52 | 12.13 |
| 17.0 | 1100 | 2.0 | | | 0.31 | 2.4 | | | 8.7 | 8.5 | 87 | | 0.29 | | | 17.88 | 11.52 | 13.41 |
| 17.0 | 1100 | 3.0 | | | 0.32 | 2.5 | | | 8.5 | 8.4 | 87 | | 0.22 | | | 19.19 | 11.58 | 14.41 |
| 17.0 | 1100 | 4.0 | | | 0.31 | 2.5 | | | 8.4 | 8.2 | 86 | | 0.18 | | | 20.33 | 11.50 | 15.30 |
| 17.0 | 1100 | 5.0 | | | 0.29 | 2.3 | | | 8.3 | 8.2 | 85 | | 0.18 | | | 20.86 | 11.41 | 15.73 |
| 17.0 | 1100 | 6.0 | | | 0.28 | 2.1 | | | 8.2 | 8.1 | 85 | | 0.20 | | | 21.57 | 11.30 | 16.30 |
| 17.0 | 1100 | 7.0 | | | 0.27 | 2.1 | | | 8.1 | 8.0 | 84 | | 0.27 | | | 22.16 | 11.24 | 16.76 |
| 17.0 | 1100 | 8.0 | | | 0.28 | 2.1 | | | 8.0 | 7.9 | 83 | | 0.32 | | | 22.76 | 11.18 | 17.24 |
| 17.0 | 1100 | 9.0 | | | 0.29 | 2.2 | | | 8.0 | 7.9 | 83 | | 0.35 | | | 23.11 | 11.16 | 17.52 |
| 17.0 | 1100 | 10.0 | | | 0.30 | 2.3 | | | 7.9 | 7.8 | 83 | | 0.37 | | | 23.34 | 11.15 | 17.69 |
| 17.0 | 1100 | 11.0 | | | 0.30 | 2.4 | | | 7.9 | 7.8 | 82 | | 0.38 | | | 23.57 | 11.14 | 17.88 |
| 17.0 | 1100 | 12.0 | | | 0.31 | 2.4 | | | 7.8 | 7.7 | 82 | | 0.40 | | | 23.79 | 11.12 | 18.04 |
| 17.0 | 1100 | 13.0 | | | 0.31 | 2.4 | | | 7.8 | 7.7 | 82 | | 0.40 | | | 24.08 | 11.11 | 18.27 |
| 17.0 | 1100 | 14.0 | | | 0.30 | 2.4 | | | 7.9 | 7.8 | 82 | | 0.43 | | | 24.34 | 11.10 | 18.47 |
| 18.0 | 1040 | 1.0 | | | 0.32 | 2.5 | | | 8.7 | 8.6 | 90 | | 0.16 | | 1.4 | 19.97 | 11.70 | 14.99 |
| 18.0 | 1040 | 2.0 | 2.4 | 0.72 | 0.32 | 2.5 | 8.2 | | 8.7 | 8.5 | 89 | | 0.17 | | | 20.07 | 11.63 | 15.09 |
| 18.0 | 1040 | 3.0 | | | 0.33 | 2.6 | | | 8.7 | 8.5 | 89 | | 0.17 | | | 20.14 | 11.60 | 15.15 |
| 18.0 | 1040 | 4.0 | | | 0.33 | 2.6 | | | 8.7 | 8.5 | 89 | | 0.17 | | | 20.44 | 11.53 | 15.39 |
| 18.0 | 1040 | 5.0 | | | 0.32 | 2.5 | | | 8.6 | 8.4 | 88 | | 0.19 | | | 20.88 | 11.49 | 15.73 |
| 18.0 | 1040 | 6.0 | | | 0.30 | 2.3 | | | 8.4 | 8.3 | 87 | | 0.18 | | | 21.43 | 11.43 | 16.16 |
| 18.0 | 1040 | 7.0 | | | 0.28 | 2.2 | | | 8.3 | 8.2 | 86 | | 0.18 | | | 22.45 | 11.27 | 16.98 |
| 18.0 | 1040 | 8.0 | | | 0.27 | 2.1 | | | 8.3 | 8.1 | 86 | | 0.20 | | | 22.86 | 11.22 | 17.31 |
| 18.0 | 1040 | 9.0 | | | 0.27 | 2.1 | | | 8.3 | 8.1 | 86 | | 0.21 | | | 22.92 | 11.22 | 17.35 |
| 18.0 | 1040 | 10.0 | | | 0.28 | 2.2 | | | 8.3 | 8.1 | 86 | | 0.22 | | | 22.94 | 11.22 | 17.37 |
| 18.0 | 1040 | 11.0 | | | 0.29 | 2.3 | | | 8.3 | 8.1 | 86 | | 0.23 | | | 23.01 | 11.24 | 17.42 |

North San Francisco Bay

February 26, 1997

97057

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------------|-------------|-------|-------|-------|-------|
| 18.0 | 1040 | 12.0 | | | 0.30 | 2.3 | | 8.3 | 8.1 | 86 | | 0.22 | 14 | | 23.04 | 11.24 | 17.45 |
| 18.0 | 1040 | 13.0 | | | 0.30 | 2.3 | | 8.2 | 8.1 | 86 | | 0.22 | 14 | | 23.38 | 11.23 | 17.71 |
| 18.0 | 1040 | 14.0 | | | 0.30 | 2.3 | | 8.2 | 8.0 | 85 | | 0.22 | 14 | | 23.85 | 11.21 | 18.08 |
| 18.0 | 1040 | 15.0 | | | 0.30 | 2.3 | | 8.1 | 8.0 | 85 | | 0.21 | 13 | | 24.11 | 11.21 | 18.28 |
| 18.0 | 1040 | 16.0 | | | 0.30 | 2.4 | | 8.1 | 8.0 | 85 | | 0.21 | 13 | | 24.43 | 11.20 | 18.53 |
| 18.0 | 1040 | 17.0 | | | 0.30 | 2.4 | | 8.1 | 7.9 | 85 | | 0.21 | 13 | | 24.62 | 11.19 | 18.68 |
| 18.0 | 1040 | 18.0 | | | 0.30 | 2.4 | | 8.0 | 7.9 | 85 | | 0.21 | 14 | | 24.76 | 11.17 | 18.79 |
| 18.0 | 1040 | 19.0 | | | 0.31 | 2.4 | | 8.0 | 7.9 | 84 | | 0.22 | 14 | | 24.78 | 11.17 | 18.81 |
| 18.0 | 1040 | 20.0 | | | 0.31 | 2.4 | | 8.0 | 7.9 | 84 | | 0.22 | 14 | | 24.80 | 11.17 | 18.82 |
| 18.0 | 1040 | 21.0 | | | 0.31 | 2.4 | | 8.0 | 7.9 | 84 | | 0.22 | 14 | | 24.79 | 11.15 | 18.82 |
| 18.0 | 1040 | 22.0 | | | 0.30 | 2.4 | | 8.0 | 7.9 | 84 | | 0.23 | 14 | | 24.77 | 11.11 | 18.81 |
| 18.0 | 1040 | 23.0 | | | 0.31 | 2.4 | | 8.0 | 7.9 | 84 | | 0.26 | 16 | | 24.79 | 11.10 | 18.82 |
| 18.0 | 1040 | 24.0 | | | 0.30 | 2.3 | | 8.0 | 7.9 | 84 | | 0.28 | 16 | | 24.81 | 11.10 | 18.84 |
| 18.0 | 1040 | 25.0 | | | 0.30 | 2.3 | | 8.0 | 7.9 | 84 | | 0.28 | 17 | | 24.85 | 11.09 | 18.87 |
| 18.0 | 1040 | 26.0 | | | 0.30 | 2.4 | | 8.0 | 7.9 | 84 | | 0.29 | 17 | | 24.97 | 11.09 | 18.97 |
| 18.0 | 1040 | 27.0 | | | 0.30 | 2.4 | | 7.9 | 7.8 | 84 | | 0.31 | 18 | | 25.29 | 11.07 | 19.22 |
| 18.0 | 1040 | 28.0 | | | 0.30 | 2.4 | | 7.9 | 7.8 | 83 | | 0.34 | 19 | | 25.58 | 11.05 | 19.45 |
| 18.0 | 1040 | 29.0 | | | 0.30 | 2.3 | | 7.9 | 7.8 | 83 | | 0.35 | 20 | | 25.81 | 11.03 | 19.63 |
| 18.0 | 1040 | 30.0 | | | 0.29 | 2.3 | | 7.9 | 7.8 | 83 | | 0.36 | 20 | | 26.14 | 11.02 | 19.88 |
| 18.0 | 1040 | 31.0 | | | 0.30 | 2.3 | | 7.8 | 7.7 | 83 | | 0.37 | 20 | | 26.32 | 11.01 | 20.03 |
| 18.0 | 1040 | 32.0 | | | 0.30 | 2.4 | | 7.8 | 7.7 | 83 | | 0.38 | 21 | | 26.41 | 11.00 | 20.10 |
| 18.0 | 1040 | 33.0 | | | 0.30 | 2.4 | | 7.8 | 7.7 | 83 | | 0.37 | 20 | | 26.61 | 10.99 | 20.25 |
| 18.0 | 1040 | 34.0 | | | 0.31 | 2.4 | | 7.8 | 7.7 | 83 | | 0.37 | 20 | | 26.64 | 10.99 | 20.28 |
| 18.0 | 1040 | 35.0 | | | 0.30 | 2.4 | | 7.8 | 7.7 | 83 | | 0.36 | 20 | | 26.72 | 10.99 | 20.34 |
| 18.0 | 1040 | 36.0 | | | 0.31 | 2.4 | | 7.8 | 7.7 | 82 | | 0.35 | 19 | | 26.84 | 10.98 | 20.44 |
| 18.0 | 1040 | 37.0 | | | 0.32 | 2.6 | | 7.7 | 7.6 | 82 | | 0.34 | 19 | | 26.97 | 10.97 | 20.54 |
| 18.0 | 1040 | 38.0 | | | 0.33 | 2.6 | | 7.7 | 7.6 | 82 | | 0.34 | 19 | | 27.16 | 10.96 | 20.69 |
| 18.0 | 1040 | 39.0 | | | 0.34 | 2.7 | | 7.7 | 7.6 | 82 | | 0.44 | 24 | | 27.37 | 10.95 | 20.85 |
| 18.0 | 1040 | 40.0 | | | 0.36 | 2.9 | | 7.7 | 7.6 | 82 | | 0.55 | 29 | | 27.46 | 10.95 | 20.92 |
| 18.0 | 1040 | 41.0 | | | 0.37 | 3.0 | | 7.7 | 7.6 | 82 | | 0.61 | 31 | | 27.48 | 10.94 | 20.94 |
| 18.0 | 1040 | 42.0 | | | 0.37 | 2.9 | | 7.7 | 7.6 | 82 | | 0.63 | 32 | | 27.49 | 10.94 | 20.94 |
| 18.0 | 1040 | 43.0 | | | 0.36 | 2.9 | | 7.7 | 7.6 | 82 | | 0.64 | 32 | | 27.51 | 10.94 | 20.96 |
| 18.0 | 1040 | 44.0 | | | 0.36 | 2.9 | | 7.6 | 7.6 | 82 | | 0.65 | 33 | | 27.56 | 10.94 | 21.00 |
| 18.0 | 1040 | 45.0 | | | 0.36 | 2.9 | | 7.6 | 7.6 | 82 | | 0.67 | 34 | | 27.57 | 10.94 | 21.00 |
| 20.0 | 1019 | 1.0 | | | 0.30 | 2.4 | | 8.8 | 8.6 | 88 | | 0.32 | 18 | 1.6 | 16.68 | 11.48 | 12.49 |
| 20.0 | 1019 | 2.0 | | | 0.31 | 2.4 | | 8.8 | 8.6 | 88 | 20.2 | 0.34 | 19 | | 17.41 | 11.42 | 13.06 |
| 20.0 | 1019 | 3.0 | | | 0.31 | 2.4 | | 8.8 | 8.6 | 88 | | 0.31 | 18 | | 17.86 | 11.46 | 13.40 |
| 20.0 | 1019 | 4.0 | | | 0.31 | 2.4 | | 8.8 | 8.6 | 89 | | 0.30 | 17 | | 18.30 | 11.51 | 13.73 |
| 20.0 | 1019 | 5.0 | | | 0.32 | 2.5 | | 8.8 | 8.6 | 90 | | 0.28 | 17 | | 18.68 | 11.59 | 14.01 |
| 20.0 | 1019 | 6.0 | | | 0.34 | 2.7 | | 8.8 | 8.7 | 90 | | 0.26 | 16 | | 19.01 | 11.68 | 14.26 |
| 20.0 | 1019 | 7.0 | | | 0.36 | 2.9 | | 8.9 | 8.7 | 90 | | 0.22 | 14 | | 19.03 | 11.71 | 14.27 |
| 20.0 | 1019 | 8.0 | | | 0.40 | 3.2 | | 9.0 | 8.8 | 91 | | 0.21 | 13 | | 19.17 | 11.81 | 14.36 |

North San Francisco Bay

February 26, 1997

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| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-------------|----------------|-----------|-------|-------|
| 20.0 | 1019 | 9.0 | | | 0.42 | 3.4 | | 8.9 | 8.7 | 92 | | 0.20 | 13 | | 19.50 | 11.93 | 14.60 |
| 20.0 | 1019 | 10.0 | | | 0.43 | 3.5 | | 8.9 | 8.7 | 91 | | 0.17 | 11 | | 19.60 | 11.93 | 14.68 |
| 20.0 | 1019 | 11.0 | | | 0.42 | 3.4 | | 8.7 | 8.6 | 90 | | 0.13 | 10 | | 19.75 | 11.90 | 14.79 |
| 20.0 | 1019 | 12.0 | | | 0.40 | 3.2 | | 8.6 | 8.4 | 89 | | 0.13 | 10 | | 20.35 | 11.80 | 15.27 |
| 20.0 | 1019 | 13.0 | | | 0.37 | 3.0 | | 8.5 | 8.4 | 88 | | 0.15 | 11 | | 21.15 | 11.68 | 15.91 |
| 20.0 | 1019 | 14.0 | | | 0.35 | 2.8 | | 8.4 | 8.3 | 87 | | 0.19 | 12 | | 21.42 | 11.64 | 16.13 |
| 20.0 | 1019 | 15.0 | | | 0.36 | 2.8 | | 8.4 | 8.2 | 87 | | 0.18 | 12 | | 21.83 | 11.60 | 16.45 |
| 20.0 | 1019 | 16.0 | | | 0.36 | 2.9 | | 8.3 | 8.2 | 86 | | 0.19 | 12 | | 22.34 | 11.53 | 16.86 |
| 20.0 | 1019 | 17.0 | | | 0.36 | 2.9 | | 8.3 | 8.1 | 86 | | 0.22 | 14 | | 22.70 | 11.48 | 17.14 |
| 20.0 | 1019 | 18.0 | | | 0.37 | 3.0 | | 8.3 | 8.1 | 86 | | 0.22 | 14 | | 22.78 | 11.48 | 17.20 |
| 20.0 | 1019 | 19.0 | | | 0.36 | 2.9 | | 8.2 | 8.1 | 86 | | 0.21 | 13 | | 22.76 | 11.48 | 17.19 |
| 20.0 | 1019 | 20.0 | | | 0.35 | 2.8 | | 8.2 | 8.1 | 85 | | 0.20 | 13 | | 22.83 | 11.46 | 17.25 |
| 20.0 | 1019 | 21.0 | | | 0.35 | 2.8 | | 8.1 | 8.0 | 85 | | 0.20 | 13 | | 23.18 | 11.41 | 17.53 |
| 20.0 | 1019 | 22.0 | | | 0.37 | 3.0 | | 8.0 | 7.9 | 84 | | 0.32 | 18 | | 23.77 | 11.32 | 18.00 |
| 20.0 | 1019 | 23.0 | | | 0.40 | 3.3 | | 7.8 | 7.7 | 82 | | 0.53 | 27 | | 24.46 | 11.24 | 18.54 |
| 20.0 | 1019 | 24.0 | | | 0.42 | 3.4 | | 7.7 | 7.6 | 82 | | 0.59 | 30 | | 25.79 | 11.10 | 19.60 |
| 20.0 | 1019 | 25.0 | | | 0.44 | 3.6 | | 7.6 | 7.6 | 81 | | 0.81 | 40 | | 26.45 | 11.03 | 20.13 |
| 20.0 | 1019 | 26.0 | | | 0.45 | 3.7 | | 7.6 | 7.5 | 81 | | 0.96 | 47 | | 26.52 | 11.02 | 20.18 |
| 20.0 | 1019 | 27.0 | | | 0.47 | 3.9 | | 7.6 | 7.5 | 81 | | 1.00 | 48 | | 26.64 | 11.01 | 20.28 |
| 20.0 | 1019 | 28.0 | | | 0.47 | 3.9 | | 7.6 | 7.5 | 81 | | 1.13 | 54 | | 26.64 | 11.02 | 20.27 |
| | | | | | | | | | | | | | Slope | Inter. | Std. Err. | | |
| | | | | | | | | | | | | | n | r ² | | | |
| | | | | | | | | | | | | | 13 | 0.457 | 8.929 | | |
| | | | | | | | | | | | | | 6 | 0.898 | -0.333 | | |
| | | | | | | | | | | | | | 8 | 0.863 | 44.427 | | |
| | | | | | | | | | | | | | | | 0.916 | | |
| | | | | | | | | | | | | | | | 0.559 | | |
| | | | | | | | | | | | | | | | 0.286 | | |

Fluorometer Calibration:
OBS Calibration:
Dissolved Oxygen Calibration:

Seabird v4.026

South San Francisco Bay February 26, 1997 97057

| STN | TIME | DEPTH | DISCR | CHL a/ a+PHA | FLUOR | CALC | DISCR | CHL a | OXYG | CALC | % OXY | DISCR | OBS | CALC | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|-------|-----------------|-------|------|-------|-------|------|------|-------|-------|------|------|-------|-------|-------|------|
| 36.0 | 0634 | 1.0 | | | 2.87 | 35.6 | | | 9.8 | 9.5 | 94 | | 4.26 | 237 | | 8.57 | 12.53 | 6.07 |
| 36.0 | 0634 | 2.0 | | 0.64 | 2.85 | 35.4 | | | 9.8 | 9.5 | 95 | | 4.33 | 242 | | 8.60 | 12.57 | 6.09 |
| 36.0 | 0634 | 3.0 | | | 2.77 | 34.4 | | | 9.8 | 9.5 | 95 | | 4.43 | 247 | | 8.61 | 12.60 | 6.09 |
| 36.0 | 0634 | 4.0 | | | 2.78 | 34.5 | | | 9.8 | 9.5 | 95 | | 4.68 | 260 | | 8.68 | 12.64 | 6.14 |
| 36.0 | 0634 | 5.0 | | | 2.87 | 35.6 | | | 9.8 | 9.5 | 95 | | 5.49 | 304 | | 8.76 | 12.66 | 6.20 |
| 36.0 | 0634 | 6.0 | | | 2.92 | 36.3 | | | 9.8 | 9.5 | 95 | | 6.18 | 342 | | 8.86 | 12.67 | 6.28 |
| 36.0 | 0634 | 7.0 | | | 2.92 | 36.3 | | | 9.8 | 9.5 | 95 | | 6.89 | 380 | | 8.90 | 12.67 | 6.31 |
| 36.0 | 0634 | 8.0 | 30.6 | 0.38 | 2.91 | 36.2 | | | 9.8 | 9.5 | 95 | | 7.57 | 417 | | 8.96 | 12.68 | 6.35 |
| 34.0 | 0651 | 1.0 | | | 4.07 | 51.1 | | | 9.7 | 9.5 | 94 | | 4.85 | 270 | | 9.85 | 12.40 | 7.08 |
| 34.0 | 0651 | 2.0 | | | 4.10 | 51.5 | | | 9.7 | 9.5 | 94 | | 4.77 | 265 | | 9.85 | 12.39 | 7.08 |
| 34.0 | 0651 | 3.0 | | | 4.13 | 51.8 | | | 9.7 | 9.5 | 94 | | 4.75 | 264 | | 9.85 | 12.39 | 7.08 |
| 34.0 | 0651 | 4.0 | | | 4.16 | 52.3 | | | 9.6 | 9.4 | 94 | | 4.72 | 263 | | 9.84 | 12.39 | 7.07 |
| 34.0 | 0651 | 5.0 | | | 4.31 | 54.2 | | | 9.6 | 9.4 | 93 | | 4.71 | 262 | | 10.02 | 12.27 | 7.23 |
| 34.0 | 0651 | 6.0 | | | 4.35 | 54.7 | | | 9.7 | 9.4 | 94 | | 4.78 | 266 | | 10.64 | 12.07 | 7.73 |
| 32.0 | 0710 | 1.0 | | | 4.60 | 57.9 | | | 10.1 | 9.6 | 97 | | 2.27 | 130 | 7.4 | 11.32 | 12.48 | 8.20 |
| 32.0 | 0710 | 2.0 | | 0.78 | 4.65 | 58.5 | | | 10.1 | 9.7 | 97 | 126.2 | 2.31 | 132 | | 11.32 | 12.48 | 8.20 |
| 32.0 | 0710 | 3.0 | 53.3 | | 4.69 | 59.0 | 9.5 | | 10.1 | 9.7 | 97 | | 2.26 | 129 | | 11.23 | 12.46 | 8.13 |
| 32.0 | 0710 | 4.0 | | | 4.74 | 59.7 | | | 10.1 | 9.7 | 97 | | 2.17 | 124 | | 11.34 | 12.49 | 8.21 |
| 32.0 | 0710 | 5.0 | | | 4.77 | 60.1 | | | 10.1 | 9.7 | 98 | | 2.40 | 137 | | 11.43 | 12.51 | 8.28 |
| 32.0 | 0710 | 6.0 | | | 4.78 | 60.2 | | | 10.1 | 9.7 | 98 | | 2.48 | 141 | | 11.52 | 12.52 | 8.35 |
| 32.0 | 0710 | 7.0 | | | 4.80 | 60.5 | | | 10.1 | 9.7 | 98 | | 2.66 | 151 | | 11.55 | 12.53 | 8.37 |
| 32.0 | 0710 | 8.0 | | | 4.82 | 60.7 | | | 10.1 | 9.7 | 98 | | 2.76 | 156 | | 11.59 | 12.53 | 8.40 |
| 32.0 | 0710 | 9.0 | | | 4.77 | 60.1 | | | 10.1 | 9.7 | 98 | | 2.94 | 166 | | 11.60 | 12.53 | 8.41 |
| 32.0 | 0710 | 10.0 | | | 4.78 | 60.2 | | | 10.1 | 9.7 | 98 | | 3.04 | 172 | | 11.61 | 12.53 | 8.41 |
| 32.0 | 0710 | 11.0 | | | 4.74 | 59.7 | | | 10.1 | 9.7 | 98 | | 3.06 | 173 | | 11.61 | 12.53 | 8.42 |
| 32.0 | 0710 | 12.0 | 63.9 | 0.68 | 4.71 | 59.3 | | | 10.1 | 9.7 | 98 | | 3.16 | 178 | | 11.61 | 12.53 | 8.42 |
| 30.0 | 0734 | 1.0 | | | 4.02 | 50.4 | | | 10.0 | 9.6 | 98 | | 1.71 | 99 | | 12.31 | 12.48 | 8.97 |
| 30.0 | 0734 | 2.0 | | 0.78 | 4.04 | 50.7 | 9.7 | | 10.0 | 9.6 | 98 | 105.9 | 1.68 | 97 | | 12.30 | 12.48 | 8.95 |
| 30.0 | 0734 | 3.0 | 49.4 | | 4.21 | 52.9 | | | 10.0 | 9.6 | 98 | | 1.65 | 96 | | 12.33 | 12.50 | 8.98 |
| 30.0 | 0734 | 4.0 | | | 4.54 | 57.1 | | | 10.0 | 9.6 | 98 | | 1.67 | 97 | | 12.55 | 12.55 | 9.14 |
| 30.0 | 0734 | 5.0 | | | 4.78 | 60.2 | | | 9.9 | 9.6 | 98 | | 2.13 | 122 | | 12.81 | 12.55 | 9.34 |
| 30.0 | 0734 | 6.0 | | | 4.93 | 62.1 | | | 9.9 | 9.6 | 98 | | 2.66 | 151 | | 12.96 | 12.55 | 9.45 |
| 30.0 | 0734 | 7.0 | | | 5.02 | 63.3 | | | 9.9 | 9.6 | 98 | | 2.81 | 159 | | 13.03 | 12.55 | 9.51 |
| 30.0 | 0734 | 8.0 | | | 5.05 | 63.6 | | | 9.9 | 9.6 | 98 | | 2.95 | 166 | | 13.04 | 12.55 | 9.51 |
| 30.0 | 0734 | 9.0 | | | 5.11 | 64.4 | | | 9.9 | 9.6 | 98 | | 3.01 | 170 | | 13.05 | 12.55 | 9.52 |
| 30.0 | 0734 | 10.0 | | | 5.15 | 64.9 | | | 9.9 | 9.6 | 98 | | 3.09 | 174 | | 13.06 | 12.55 | 9.53 |
| 30.0 | 0734 | 11.0 | | | 5.25 | 66.2 | | | 9.9 | 9.5 | 98 | | 3.24 | 183 | | 13.10 | 12.55 | 9.56 |
| 30.0 | 0734 | 12.0 | | | 5.56 | 70.2 | | | 9.9 | 9.5 | 97 | | 3.65 | 205 | | 13.15 | 12.54 | 9.60 |
| 30.0 | 0734 | 13.0 | | | 5.84 | 73.9 | | | 9.8 | 9.5 | 97 | | 4.51 | 251 | | 13.22 | 12.53 | 9.66 |
| 30.0 | 0734 | 14.0 | 74.9 | 0.69 | 5.80 | 73.3 | | | 9.9 | 9.5 | 98 | | 5.65 | 313 | | 13.29 | 12.52 | 9.71 |

South San Francisco Bay February 26, 1997 97057

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|--------------|--------------|--------------|------------|-------------|-------|-------|-------|-------|
| 29.0 | 0754 | 1.0 | | | 1.80 | 22.0 | | 9.8 | 9.5 | 97 | 0.61 | 39 | 3.5 | 13.65 | 12.23 | 10.03 |
| 29.0 | 0754 | 2.0 | | | 1.82 | 22.2 | | 9.8 | 9.5 | 97 | 0.57 | 38 | | 13.63 | 12.22 | 10.02 |
| 29.0 | 0754 | 3.0 | | | 1.86 | 22.7 | | 9.8 | 9.5 | 97 | 0.56 | 37 | | 13.66 | 12.23 | 10.04 |
| 29.0 | 0754 | 4.0 | | | 2.03 | 24.9 | | 9.9 | 9.5 | 97 | 0.58 | 38 | | 13.76 | 12.27 | 10.11 |
| 29.0 | 0754 | 5.0 | | | 2.43 | 30.0 | | 9.8 | 9.5 | 97 | 0.60 | 39 | | 13.99 | 12.39 | 10.27 |
| 29.0 | 0754 | 6.0 | | | 2.84 | 35.3 | | 9.8 | 9.5 | 98 | 0.72 | 46 | | 14.09 | 12.42 | 10.35 |
| 29.0 | 0754 | 7.0 | | | 3.03 | 37.7 | | 9.8 | 9.5 | 98 | 1.11 | 67 | | 14.16 | 12.42 | 10.40 |
| 29.0 | 0754 | 8.0 | | | 3.01 | 37.4 | | 9.8 | 9.5 | 98 | 1.56 | 91 | | 14.21 | 12.41 | 10.44 |
| 29.0 | 0754 | 9.0 | | | 2.97 | 36.9 | | 9.8 | 9.5 | 98 | 1.84 | 106 | | 14.28 | 12.41 | 10.49 |
| 29.0 | 0754 | 10.0 | | | 2.90 | 36.1 | | 9.8 | 9.5 | 98 | 1.94 | 112 | | 14.34 | 12.40 | 10.54 |
| 29.0 | 0754 | 11.0 | | | 2.84 | 35.2 | | 9.8 | 9.5 | 98 | 1.93 | 111 | | 14.40 | 12.39 | 10.59 |
| 29.0 | 0754 | 12.0 | | | 2.88 | 35.9 | | 9.8 | 9.5 | 97 | 1.95 | 112 | | 14.49 | 12.38 | 10.66 |
| 29.0 | 0754 | 13.0 | | | 2.97 | 36.9 | | 9.8 | 9.5 | 97 | 2.11 | 121 | | 14.59 | 12.37 | 10.73 |
| 29.0 | 0754 | 14.0 | | | 2.97 | 36.9 | | 9.7 | 9.5 | 97 | 2.34 | 133 | | 14.72 | 12.35 | 10.84 |
| 27.0 | 0817 | 1.0 | | | 1.05 | 12.3 | | 9.7 | 9.4 | 97 | 0.42 | 29 | 2.5 | 14.69 | 12.30 | 10.83 |
| 27.0 | 0817 | 2.0 | | | 1.05 | 12.3 | 9.6 | 9.7 | 9.4 | 97 | 0.41 | 29 | | 14.69 | 12.30 | 10.82 |
| 27.0 | 0817 | 3.0 | 12.8 | 0.70 | 1.06 | 12.5 | | 9.7 | 9.5 | 97 | 0.41 | 29 | | 14.67 | 12.30 | 10.81 |
| 27.0 | 0817 | 4.0 | | | 1.05 | 12.3 | | 9.7 | 9.4 | 97 | 0.40 | 28 | | 14.71 | 12.29 | 10.84 |
| 27.0 | 0817 | 5.0 | | | 1.09 | 12.8 | | 9.6 | 9.4 | 97 | 0.41 | 29 | | 15.00 | 12.30 | 11.06 |
| 27.0 | 0817 | 6.0 | | | 1.13 | 13.3 | | 9.6 | 9.4 | 97 | 0.45 | 31 | | 15.20 | 12.28 | 11.22 |
| 27.0 | 0817 | 7.0 | | | 1.15 | 13.6 | | 9.5 | 9.4 | 96 | 0.56 | 37 | | 15.45 | 12.25 | 11.42 |
| 27.0 | 0817 | 8.0 | | | 1.16 | 13.7 | | 9.5 | 9.4 | 96 | 0.61 | 40 | | 15.72 | 12.24 | 11.63 |
| 27.0 | 0817 | 9.0 | | | 1.15 | 13.6 | | 9.5 | 9.3 | 96 | 0.64 | 41 | | 15.91 | 12.24 | 11.77 |
| 27.0 | 0817 | 10.0 | | | 1.16 | 13.8 | | 9.5 | 9.3 | 96 | 0.70 | 45 | | 16.04 | 12.23 | 11.88 |
| 27.0 | 0817 | 11.0 | | | 1.19 | 14.1 | | 9.5 | 9.3 | 96 | 0.80 | 50 | | 16.12 | 12.22 | 11.94 |
| 27.0 | 0817 | 12.0 | | | 1.19 | 14.2 | | 9.5 | 9.3 | 96 | 0.86 | 53 | | 16.16 | 12.22 | 11.97 |
| 25.0 | 0842 | 1.0 | | | 0.84 | 9.6 | | 9.5 | 9.3 | 97 | 0.32 | 24 | 2.1 | 16.64 | 12.13 | 12.35 |
| 25.0 | 0842 | 2.0 | | | 0.80 | 9.1 | | 9.4 | 9.3 | 97 | 0.30 | 23 | | 17.04 | 12.19 | 12.66 |
| 25.0 | 0842 | 3.0 | | | 0.76 | 8.5 | | 9.4 | 9.3 | 97 | 0.30 | 22 | | 17.24 | 12.19 | 12.81 |
| 25.0 | 0842 | 4.0 | | | 0.74 | 8.3 | | 9.4 | 9.3 | 97 | 0.31 | 23 | | 17.36 | 12.19 | 12.90 |
| 25.0 | 0842 | 5.0 | | | 0.73 | 8.2 | | 9.3 | 9.3 | 97 | 0.35 | 25 | | 17.48 | 12.18 | 12.99 |
| 25.0 | 0842 | 6.0 | | | 0.72 | 8.1 | | 9.3 | 9.3 | 97 | 0.38 | 27 | | 17.62 | 12.17 | 13.11 |
| 25.0 | 0842 | 7.0 | | | 0.67 | 7.5 | | 9.3 | 9.2 | 96 | 0.40 | 28 | | 17.78 | 12.16 | 13.23 |
| 25.0 | 0842 | 8.0 | | | 0.67 | 7.4 | | 9.3 | 9.3 | 97 | 0.43 | 30 | | 17.93 | 12.15 | 13.35 |
| 24.0 | 0901 | 1.0 | | | 0.61 | 6.6 | | 9.5 | 9.3 | 98 | 0.14 | 14 | 1.3 | 18.05 | 12.10 | 13.45 |
| 24.0 | 0901 | 2.0 | 6.7 | 0.75 | 0.58 | 6.3 | 9.3 | 9.4 | 9.3 | 97 | 0.14 | 14 | | 18.15 | 12.08 | 13.53 |
| 24.0 | 0901 | 3.0 | | | 0.57 | 6.1 | | 9.4 | 9.3 | 97 | 0.15 | 14 | | 18.35 | 12.07 | 13.69 |
| 24.0 | 0901 | 4.0 | | | 0.54 | 5.7 | | 9.3 | 9.3 | 97 | 0.15 | 14 | | 18.54 | 12.05 | 13.84 |
| 24.0 | 0901 | 5.0 | | | 0.48 | 5.0 | | 9.3 | 9.3 | 97 | 0.16 | 15 | | 18.64 | 12.05 | 13.91 |
| 24.0 | 0901 | 6.0 | | | 0.46 | 4.7 | | 9.3 | 9.2 | 97 | 0.18 | 16 | | 18.69 | 12.06 | 13.95 |

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 24.0 | 0901 | 7.0 | | | 0.48 | 5.0 | | 9.3 | 9.3 | 97 | | 0.20 | 17 | | 18.73 | 12.06 | 13.98 |
| 24.0 | 0901 | 8.0 | | | 0.51 | 5.3 | | 9.3 | 9.2 | 97 | | 0.20 | 17 | | 18.81 | 12.07 | 14.04 |
| 24.0 | 0901 | 9.0 | | | 0.52 | 5.5 | | 9.3 | 9.2 | 97 | | 0.20 | 18 | | 18.89 | 12.07 | 14.10 |
| 24.0 | 0901 | 10.0 | | 0.63 | 0.52 | 5.5 | | 9.3 | 9.2 | 97 | | 0.21 | 18 | | 18.93 | 12.07 | 14.13 |
| 22.0 | 0932 | 1.0 | | | 0.54 | 5.8 | | 9.0 | 9.1 | 95 | | 0.08 | 11 | 1.0 | 18.54 | 12.12 | 13.82 |
| 22.0 | 0932 | 2.0 | | | 0.49 | 5.2 | | 9.0 | 9.1 | 95 | | 0.09 | 11 | | 18.60 | 12.09 | 13.88 |
| 22.0 | 0932 | 3.0 | | | 0.45 | 4.6 | | 9.0 | 9.1 | 95 | | 0.09 | 11 | | 18.66 | 12.08 | 13.92 |
| 22.0 | 0932 | 4.0 | | | 0.41 | 4.1 | | 8.9 | 9.0 | 94 | | 0.09 | 11 | | 18.84 | 12.04 | 14.07 |
| 22.0 | 0932 | 5.0 | | | 0.37 | 3.6 | | 8.8 | 9.0 | 94 | | 0.10 | 12 | | 19.15 | 11.95 | 14.32 |
| 22.0 | 0932 | 6.0 | | | 0.35 | 3.3 | | 8.7 | 8.9 | 93 | | 0.09 | 11 | | 19.67 | 11.88 | 14.74 |
| 22.0 | 0932 | 7.0 | | | 0.33 | 3.0 | | 8.6 | 8.9 | 93 | | 0.10 | 12 | | 20.18 | 11.77 | 15.15 |
| 22.0 | 0932 | 8.0 | | | 0.32 | 2.9 | | 8.5 | 8.8 | 93 | | 0.13 | 14 | | 20.72 | 11.75 | 15.57 |
| 22.0 | 0932 | 9.0 | | | 0.32 | 3.0 | | 8.5 | 8.8 | 93 | | 0.15 | 15 | | 20.94 | 11.74 | 15.74 |
| 22.0 | 0932 | 10.0 | | | 0.33 | 3.0 | | 8.4 | 8.8 | 93 | | 0.18 | 16 | | 21.11 | 11.72 | 15.88 |
| 22.0 | 0932 | 11.0 | | | 0.34 | 3.1 | | 8.4 | 8.8 | 93 | | 0.18 | 16 | | 21.23 | 11.70 | 15.97 |
| 22.0 | 0932 | 12.0 | | | 0.35 | 3.3 | | 8.4 | 8.8 | 92 | | 0.19 | 17 | | 21.33 | 11.69 | 16.05 |
| 22.0 | 0932 | 13.0 | | | 0.37 | 3.6 | | 8.3 | 8.7 | 92 | | 0.21 | 18 | | 21.51 | 11.66 | 16.19 |
| 22.0 | 0932 | 14.0 | | | 0.38 | 3.7 | | 8.2 | 8.7 | 92 | | 0.24 | 20 | | 21.84 | 11.62 | 16.45 |
| 22.0 | 0932 | 15.0 | | | 0.36 | 3.5 | | 8.1 | 8.6 | 91 | | 0.28 | 22 | | 22.50 | 11.52 | 16.98 |
| 22.0 | 0932 | 16.0 | | | 0.38 | 3.7 | | 8.0 | 8.6 | 91 | | 0.46 | 32 | | 23.15 | 11.40 | 17.50 |
| 22.0 | 0932 | 17.0 | | | 0.44 | 4.4 | | 7.9 | 8.5 | 91 | | 0.93 | 57 | | 23.66 | 11.35 | 17.91 |
| 22.0 | 0932 | 18.0 | | | 0.49 | 5.1 | | 7.9 | 8.5 | 91 | | 1.23 | 73 | | 23.76 | 11.34 | 17.99 |
| 22.0 | 0932 | 19.0 | | | 0.48 | 5.0 | | 8.0 | 8.6 | 91 | | 1.61 | 94 | | 23.79 | 11.34 | 18.01 |
| 21.0 | 0958 | 1.0 | | | 0.43 | 4.4 | | 9.1 | 9.1 | 95 | | 0.16 | 15 | 1.1 | 18.22 | 12.06 | 13.59 |
| 21.0 | 0958 | 2.0 | 4.4 | 0.70 | 0.40 | 4.0 | 9.1 | 9.0 | 9.1 | 95 | | 0.13 | 14 | | 18.69 | 11.87 | 13.98 |
| 21.0 | 0958 | 3.0 | | | 0.35 | 3.3 | | 8.9 | 9.0 | 94 | | 0.13 | 14 | | 19.17 | 11.82 | 14.36 |
| 21.0 | 0958 | 4.0 | | | 0.33 | 3.0 | | 8.8 | 9.0 | 94 | | 0.11 | 13 | | 19.62 | 11.78 | 14.72 |
| 21.0 | 0958 | 5.0 | | | 0.34 | 3.2 | | 8.7 | 9.0 | 94 | | 0.10 | 12 | | 19.98 | 11.78 | 14.99 |
| 21.0 | 0958 | 6.0 | | | 0.36 | 3.4 | | 8.7 | 8.9 | 94 | | 0.13 | 13 | | 20.22 | 11.79 | 15.18 |
| 21.0 | 0958 | 7.0 | | | 0.38 | 3.7 | | 8.7 | 8.9 | 94 | | 0.15 | 15 | | 20.32 | 11.82 | 15.25 |
| 21.0 | 0958 | 8.0 | | | 0.38 | 3.8 | | 8.6 | 8.9 | 93 | | 0.19 | 17 | | 20.78 | 11.77 | 15.61 |
| 21.0 | 0958 | 9.0 | | | 0.37 | 3.6 | | 8.4 | 8.8 | 93 | | 0.23 | 19 | | 21.59 | 11.64 | 16.26 |
| 21.0 | 0958 | 10.0 | | | 0.36 | 3.4 | | 8.2 | 8.7 | 92 | | 0.23 | 19 | | 22.58 | 11.51 | 17.05 |
| 21.0 | 0958 | 11.0 | | | 0.36 | 3.4 | | 8.1 | 8.6 | 92 | | 0.28 | 21 | | 23.37 | 11.40 | 17.67 |
| 21.0 | 0958 | 12.0 | | | 0.38 | 3.7 | | 8.0 | 8.6 | 91 | | 0.44 | 30 | | 23.90 | 11.35 | 18.09 |
| 21.0 | 0958 | 13.0 | | | 0.40 | 3.9 | | 8.0 | 8.6 | 91 | | 0.53 | 35 | | 24.13 | 11.32 | 18.28 |
| 21.0 | 0958 | 14.0 | | | 0.41 | 4.1 | | 8.0 | 8.6 | 91 | | 0.63 | 40 | | 24.24 | 11.30 | 18.36 |
| 21.0 | 0958 | 15.0 | | | 0.42 | 4.2 | | 8.0 | 8.6 | 91 | | 0.76 | 47 | | 24.37 | 11.29 | 18.47 |
| 21.0 | 0958 | 16.0 | | | 0.43 | 4.3 | | 7.9 | 8.5 | 91 | | 0.82 | 51 | | 24.44 | 11.28 | 18.52 |
| 21.0 | 0958 | 17.0 | | | 0.44 | 4.5 | | 7.9 | 8.5 | 91 | | 0.89 | 55 | | 24.47 | 11.28 | 18.54 |
| 21.0 | 0958 | 18.0 | 4.6 | 0.53 | 0.44 | 4.5 | | 8.0 | 8.6 | 91 | | 0.99 | 60 | | 24.49 | 11.27 | 18.56 |

South San Francisco Bay

February 26, 1997

97057

| STN | TIME | DEPTH | DISC CHL a | CHL a | FLUOR | CALC CHL a | DISC OXYG | OXYG | CALC OXYG | % OXY SAT | DISC SPM | OBS SPM | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|-------|------|-------|------------|-------|-------|------------|-----------|------|-----------|-----------|----------|---------|----------|-------|-------|------|------|
| ----- | | | | | | | | | | | | | | | | | |

| | n | r ² | Slope | Inter. | Std. Err. |
|-------------------------------|----|----------------|--------|--------|-----------|
| Fluorometer Calibration: | 11 | 0.985 | 12.841 | -1.185 | 3.437 |
| OBS Calibration: | 3 | 0.980 | 54.296 | 6.387 | 10.485 |
| Dissolved Oxygen Calibration: | 5 | 0.824 | 0.519 | 4.413 | 0.124 |

Seabird v4.026

South San Francisco Bay

March 6, 1997

97065

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 36.0 | 0835 | 1.0 | | | 2.75 | 30.4 | | 9.4 | 9.3 | 95 | 2.35 | 123 | 6.4 | 14.27 | 12.20 | 10.52 |
| 36.0 | 0835 | 2.0 | 30.1 | 0.66 | 2.82 | 31.2 | 9.0 | 9.5 | 9.3 | 95 | 2.51 | 131 | | 14.47 | 12.23 | 10.66 |
| 36.0 | 0835 | 3.0 | | | 2.88 | 31.9 | | 9.4 | 9.3 | 95 | 2.86 | 148 | | 14.63 | 12.25 | 10.79 |
| 36.0 | 0835 | 4.0 | | | 2.92 | 32.3 | | 9.4 | 9.3 | 95 | 3.02 | 156 | | 14.66 | 12.26 | 10.81 |
| 36.0 | 0835 | 5.0 | | | 2.97 | 32.8 | | 9.4 | 9.3 | 95 | 3.14 | 161 | | 14.71 | 12.26 | 10.85 |
| 36.0 | 0835 | 6.0 | | | 3.02 | 33.4 | | 9.4 | 9.3 | 95 | 3.18 | 163 | | 14.80 | 12.27 | 10.91 |
| 36.0 | 0835 | 7.0 | | | 3.05 | 33.8 | | 9.4 | 9.3 | 95 | 3.19 | 164 | | 14.82 | 12.27 | 10.93 |
| 36.0 | 0835 | 8.0 | 35.0 | 0.62 | 3.04 | 33.7 | | 9.4 | 9.3 | 95 | 3.21 | 165 | | 14.83 | 12.27 | 10.94 |
| 35.0 | 0851 | 1.0 | | | 2.43 | 26.8 | | 8.3 | 8.5 | 88 | 1.54 | 83 | 5.8 | 15.20 | 12.25 | 11.23 |
| 35.0 | 0851 | 2.0 | | | 2.46 | 27.0 | | 8.4 | 8.6 | 88 | 1.67 | 90 | | 15.31 | 12.25 | 11.31 |
| 35.0 | 0851 | 3.0 | | | 2.54 | 28.0 | | 8.4 | 8.6 | 88 | 1.77 | 94 | | 15.39 | 12.26 | 11.38 |
| 35.0 | 0851 | 4.0 | | | 2.64 | 29.1 | | 8.4 | 8.6 | 88 | 1.87 | 99 | | 15.54 | 12.26 | 11.49 |
| 35.0 | 0851 | 5.0 | | | 2.71 | 29.9 | | 8.4 | 8.6 | 88 | 2.02 | 107 | | 15.70 | 12.26 | 11.61 |
| 35.0 | 0851 | 6.0 | | | 2.78 | 30.8 | | 8.4 | 8.6 | 88 | 2.21 | 116 | | 15.77 | 12.25 | 11.66 |
| 35.0 | 0851 | 7.0 | | | 2.82 | 31.2 | | 8.4 | 8.6 | 89 | 2.23 | 117 | | 15.77 | 12.25 | 11.66 |
| 35.0 | 0851 | 8.0 | | | 2.86 | 31.7 | | 8.4 | 8.6 | 89 | 2.26 | 118 | | 15.77 | 12.25 | 11.67 |
| 35.0 | 0851 | 9.0 | | | 2.87 | 31.7 | | 8.4 | 8.6 | 89 | 2.44 | 127 | | 15.80 | 12.25 | 11.69 |
| 34.0 | 0906 | 1.0 | | | 2.50 | 27.5 | | 8.9 | 8.9 | 92 | 1.49 | 81 | 4.8 | 16.16 | 12.21 | 11.97 |
| 34.0 | 0906 | 2.0 | | | 2.49 | 27.5 | | 8.8 | 8.8 | 92 | 1.91 | 101 | | 16.67 | 12.21 | 12.37 |
| 34.0 | 0906 | 3.0 | | | 2.50 | 27.6 | | 8.8 | 8.8 | 92 | 2.39 | 125 | | 16.70 | 12.21 | 12.39 |
| 34.0 | 0906 | 4.0 | | | 2.55 | 28.1 | | 8.7 | 8.8 | 91 | 2.61 | 135 | | 16.74 | 12.22 | 12.42 |
| 34.0 | 0906 | 5.0 | | | 2.65 | 29.3 | | 8.7 | 8.8 | 91 | 2.68 | 139 | | 16.78 | 12.22 | 12.45 |
| 34.0 | 0906 | 6.0 | | | 2.79 | 30.9 | | 8.7 | 8.8 | 91 | 2.82 | 146 | | 16.79 | 12.23 | 12.46 |
| 34.0 | 0906 | 7.0 | | | 2.89 | 32.0 | | 8.7 | 8.8 | 91 | 3.03 | 156 | | 16.81 | 12.23 | 12.47 |
| 34.0 | 0906 | 8.0 | | | 2.87 | 31.8 | | 8.7 | 8.8 | 91 | 3.28 | 168 | | 16.82 | 12.23 | 12.48 |
| 33.0 | 0922 | 1.0 | | | 1.61 | 17.3 | | 9.6 | 9.4 | 97 | 0.56 | 35 | 2.9 | 15.71 | 12.26 | 11.62 |
| 33.0 | 0922 | 2.0 | | | 1.60 | 17.3 | | 9.5 | 9.4 | 97 | 0.56 | 35 | | 15.80 | 12.25 | 11.69 |
| 33.0 | 0922 | 3.0 | | | 1.54 | 16.6 | | 9.4 | 9.3 | 96 | 0.61 | 38 | | 16.19 | 12.24 | 11.99 |
| 33.0 | 0922 | 4.0 | | | 1.39 | 14.9 | | 9.3 | 9.2 | 95 | 0.67 | 41 | | 16.85 | 12.21 | 12.51 |
| 33.0 | 0922 | 5.0 | | | 1.31 | 13.9 | | 9.1 | 9.1 | 95 | 0.77 | 46 | | 17.67 | 12.20 | 13.15 |
| 33.0 | 0922 | 6.0 | | | 1.36 | 14.6 | | 9.1 | 9.0 | 94 | 0.87 | 50 | | 17.83 | 12.19 | 13.27 |
| 33.0 | 0922 | 7.0 | | | 1.46 | 15.6 | | 9.0 | 9.0 | 94 | 0.98 | 56 | | 17.86 | 12.19 | 13.29 |
| 33.0 | 0922 | 8.0 | | | 1.58 | 17.1 | | 9.0 | 9.0 | 94 | 1.17 | 65 | | 17.85 | 12.19 | 13.28 |
| 33.0 | 0922 | 9.0 | | | 1.78 | 19.3 | | 9.0 | 9.0 | 94 | 1.33 | 73 | | 17.84 | 12.19 | 13.28 |
| 33.0 | 0922 | 10.0 | | | 1.98 | 21.6 | | 9.0 | 9.0 | 94 | 1.58 | 85 | | 17.86 | 12.20 | 13.29 |
| 33.0 | 0922 | 11.0 | | | 2.20 | 24.2 | | 8.9 | 9.0 | 94 | 2.02 | 107 | | 17.87 | 12.20 | 13.30 |
| 33.0 | 0922 | 12.0 | | | 2.40 | 26.4 | | 8.9 | 8.9 | 93 | 2.27 | 119 | | 17.89 | 12.20 | 13.31 |
| 33.0 | 0922 | 13.0 | | | 2.54 | 27.9 | | 8.9 | 8.9 | 93 | 2.42 | 126 | | 17.89 | 12.20 | 13.31 |
| 33.0 | 0922 | 14.0 | | | 2.54 | 28.0 | | 8.9 | 8.9 | 93 | 2.79 | 144 | | 17.91 | 12.21 | 13.32 |

South San Francisco Bay

March 6, 1997

97065

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------------|-------------|-------|-------|-------|-------|
| 32.0 | 0938 | 1.0 | | | 0.98 | 10.2 | | 9.6 | 9.4 | 98 | | 0.37 | 26 | 2.1 | 16.69 | 12.27 | 12.38 |
| 32.0 | 0938 | 2.0 | 9.0 | 0.66 | 0.96 | 10.0 | | 9.5 | 9.4 | 97 | 18.7 | 0.37 | 26 | | 16.84 | 12.26 | 12.49 |
| 32.0 | 0938 | 3.0 | | | 0.92 | 9.5 | | 9.4 | 9.3 | 97 | | 0.37 | 26 | | 17.18 | 12.23 | 12.76 |
| 32.0 | 0938 | 4.0 | | | 0.92 | 9.6 | | 9.3 | 9.2 | 96 | | 0.40 | 28 | | 17.68 | 12.20 | 13.15 |
| 32.0 | 0938 | 5.0 | | | 0.97 | 10.1 | | 9.3 | 9.2 | 96 | | 0.44 | 30 | | 17.86 | 12.19 | 13.29 |
| 32.0 | 0938 | 6.0 | | | 1.03 | 10.8 | | 9.2 | 9.1 | 96 | | 0.50 | 33 | | 18.03 | 12.18 | 13.42 |
| 32.0 | 0938 | 7.0 | | | 1.08 | 11.3 | | 9.2 | 9.1 | 95 | | 0.57 | 36 | | 18.08 | 12.18 | 13.46 |
| 32.0 | 0938 | 8.0 | | | 1.13 | 11.9 | | 9.2 | 9.1 | 95 | | 0.70 | 42 | | 18.13 | 12.16 | 13.50 |
| 32.0 | 0938 | 9.0 | | | 1.17 | 12.3 | | 9.1 | 9.1 | 95 | | 0.80 | 47 | | 18.20 | 12.15 | 13.56 |
| 32.0 | 0938 | 10.0 | | | 1.26 | 13.4 | | 9.1 | 9.1 | 95 | | 0.88 | 51 | | 18.26 | 12.15 | 13.60 |
| 32.0 | 0938 | 11.0 | | | 1.39 | 14.9 | | 9.1 | 9.0 | 95 | | 0.99 | 56 | | 18.31 | 12.15 | 13.64 |
| 32.0 | 0938 | 12.0 | | | 1.51 | 16.3 | | 9.0 | 9.0 | 94 | | 1.12 | 63 | | 18.32 | 12.15 | 13.65 |
| 32.0 | 0938 | 13.0 | | | 1.67 | 18.1 | | 9.0 | 9.0 | 94 | | 1.24 | 69 | | 18.34 | 12.16 | 13.66 |
| 32.0 | 0938 | 14.0 | 17.9 | 0.67 | 1.68 | 18.2 | | 9.0 | 9.0 | 95 | | 1.75 | 94 | | 18.36 | 12.16 | 13.68 |
| 31.0 | 0953 | 1.0 | | | 0.90 | 9.3 | | 9.3 | 9.2 | 96 | | 0.54 | 34 | 2.6 | 17.26 | 12.21 | 12.82 |
| 31.0 | 0953 | 2.0 | | | 0.89 | 9.2 | | 9.3 | 9.2 | 96 | | 0.54 | 34 | | 17.30 | 12.21 | 12.85 |
| 31.0 | 0953 | 3.0 | | | 0.88 | 9.1 | | 9.3 | 9.2 | 96 | | 0.54 | 34 | | 17.35 | 12.20 | 12.89 |
| 31.0 | 0953 | 4.0 | | | 0.87 | 9.0 | | 9.2 | 9.2 | 95 | | 0.55 | 35 | | 17.56 | 12.15 | 13.06 |
| 31.0 | 0953 | 5.0 | | | 0.89 | 9.2 | | 9.2 | 9.1 | 95 | | 0.54 | 35 | | 17.65 | 12.12 | 13.14 |
| 31.0 | 0953 | 6.0 | | | 0.90 | 9.3 | | 9.2 | 9.1 | 95 | | 0.55 | 35 | | 17.76 | 12.10 | 13.23 |
| 31.0 | 0953 | 7.0 | | | 0.88 | 9.1 | | 9.1 | 9.1 | 95 | | 0.55 | 35 | | 18.18 | 12.10 | 13.55 |
| 31.0 | 0953 | 8.0 | | | 0.86 | 8.9 | | 9.1 | 9.1 | 95 | | 0.55 | 35 | | 18.25 | 12.10 | 13.61 |
| 31.0 | 0953 | 9.0 | | | 0.90 | 9.3 | | 9.1 | 9.1 | 95 | | 0.56 | 35 | | 18.27 | 12.11 | 13.62 |
| 31.0 | 0953 | 10.0 | | | 0.99 | 10.3 | | 9.1 | 9.0 | 95 | | 0.60 | 37 | | 18.28 | 12.12 | 13.63 |
| 31.0 | 0953 | 11.0 | | | 1.06 | 11.2 | | 9.1 | 9.0 | 95 | | 0.64 | 39 | | 18.29 | 12.13 | 13.63 |
| 31.0 | 0953 | 12.0 | | | 1.11 | 11.7 | | 9.1 | 9.0 | 94 | | 0.72 | 43 | | 18.29 | 12.13 | 13.63 |
| 31.0 | 0953 | 13.0 | | | 1.12 | 11.9 | | 9.1 | 9.0 | 95 | | 0.84 | 49 | | 18.29 | 12.13 | 13.63 |
| 31.0 | 0953 | 14.0 | | | 1.15 | 12.2 | | 9.0 | 9.0 | 94 | | 0.92 | 53 | | 18.28 | 12.13 | 13.63 |
| 31.0 | 0953 | 15.0 | | | 1.16 | 12.3 | | 9.1 | 9.0 | 94 | | 0.97 | 55 | | 18.28 | 12.13 | 13.63 |
| 30.0 | 1018 | 1.0 | | | 0.97 | 10.1 | | 9.9 | 9.6 | 100 | | 0.39 | 27 | 2.2 | 17.55 | 12.38 | 13.02 |
| 30.0 | 1018 | 2.0 | 8.3 | 0.70 | 0.95 | 9.8 | 9.7 | 9.9 | 9.6 | 101 | 22.5 | 0.37 | 26 | | 17.61 | 12.38 | 13.06 |
| 30.0 | 1018 | 3.0 | | | 0.91 | 9.5 | | 9.9 | 9.6 | 101 | | 0.37 | 26 | | 17.66 | 12.40 | 13.10 |
| 30.0 | 1018 | 4.0 | | | 0.88 | 9.1 | | 9.9 | 9.6 | 101 | | 0.37 | 26 | | 17.66 | 12.41 | 13.10 |
| 30.0 | 1018 | 5.0 | | | 0.85 | 8.8 | | 9.7 | 9.5 | 99 | | 0.35 | 25 | | 17.76 | 12.40 | 13.18 |
| 30.0 | 1018 | 6.0 | | | 0.86 | 8.8 | | 9.7 | 9.5 | 99 | | 0.35 | 25 | | 17.91 | 12.21 | 13.32 |
| 30.0 | 1018 | 7.0 | | | 0.83 | 8.5 | | 9.7 | 9.5 | 99 | | 0.34 | 25 | | 18.01 | 12.06 | 13.43 |
| 30.0 | 1018 | 8.0 | | | 0.81 | 8.3 | | 9.5 | 9.4 | 98 | | 0.34 | 25 | | 18.27 | 12.10 | 13.62 |
| 30.0 | 1018 | 9.0 | | | 0.85 | 8.7 | | 9.4 | 9.3 | 97 | | 0.35 | 25 | | 18.60 | 12.07 | 13.88 |
| 30.0 | 1018 | 10.0 | | | 0.85 | 8.8 | | 9.3 | 9.2 | 97 | | 0.38 | 27 | | 18.82 | 12.07 | 14.05 |
| 30.0 | 1018 | 11.0 | | | 0.87 | 9.0 | | 9.3 | 9.2 | 96 | | 0.47 | 31 | | 18.94 | 12.05 | 14.15 |
| 30.0 | 1018 | 12.0 | | | 0.93 | 9.6 | | 9.3 | 9.2 | 96 | | 0.60 | 37 | | 18.99 | 12.04 | 14.18 |

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| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 30.0 | 1018 | 13.0 | | | 1.00 | 10.5 | | 9.3 | 9.2 | 96 | | 0.74 | 44 | | 19.00 | 12.04 | 14.20 |
| 30.0 | 1018 | 14.0 | | 0.67 | 1.01 | 10.5 | | 9.3 | 9.2 | 96 | | 0.86 | 50 | | 19.02 | 12.05 | 14.21 |
| 29.5 | 1032 | 1.0 | | | 0.84 | 8.6 | | 9.5 | 9.4 | 98 | | 0.41 | 28 | 2.2 | 17.97 | 12.20 | 13.37 |
| 29.5 | 1032 | 2.0 | | | 0.82 | 8.4 | | 9.4 | 9.3 | 97 | | 0.40 | 27 | | 18.11 | 12.16 | 13.49 |
| 29.5 | 1032 | 3.0 | | | 0.77 | 7.8 | | 9.3 | 9.2 | 96 | | 0.40 | 27 | | 18.60 | 12.06 | 13.88 |
| 29.5 | 1032 | 4.0 | | | 0.69 | 7.0 | | 9.1 | 9.1 | 95 | | 0.41 | 28 | | 18.92 | 12.03 | 14.13 |
| 29.5 | 1032 | 5.0 | | | 0.64 | 6.4 | | 9.1 | 9.1 | 95 | | 0.42 | 28 | | 18.97 | 12.02 | 14.18 |
| 29.5 | 1032 | 6.0 | | | 0.65 | 6.5 | | 9.1 | 9.1 | 95 | | 0.46 | 30 | | 19.01 | 12.01 | 14.21 |
| 29.5 | 1032 | 7.0 | | | 0.70 | 7.0 | | 9.1 | 9.1 | 95 | | 0.50 | 32 | | 19.02 | 11.99 | 14.21 |
| 29.5 | 1032 | 8.0 | | | 0.72 | 7.3 | | 9.1 | 9.1 | 95 | | 0.52 | 33 | | 19.02 | 12.00 | 14.22 |
| 29.5 | 1032 | 9.0 | | | 0.72 | 7.3 | | 9.1 | 9.1 | 95 | | 0.54 | 34 | | 19.02 | 11.99 | 14.22 |
| 29.5 | 1032 | 10.0 | | | 0.75 | 7.7 | | 9.1 | 9.1 | 95 | | 0.54 | 34 | | 19.02 | 11.99 | 14.22 |
| 29.5 | 1032 | 11.0 | | | 0.77 | 7.9 | | 9.1 | 9.1 | 95 | | 0.53 | 34 | | 19.02 | 11.99 | 14.22 |
| 29.5 | 1032 | 12.0 | | | 0.78 | 7.9 | | 9.1 | 9.1 | 95 | | 0.55 | 35 | | 19.01 | 11.98 | 14.21 |
| 29.5 | 1032 | 13.0 | | | 0.78 | 8.0 | | 9.1 | 9.1 | 95 | | 0.59 | 37 | | 19.01 | 11.97 | 14.21 |
| 29.5 | 1032 | 14.0 | | | 0.77 | 7.8 | | 9.1 | 9.1 | 95 | | 0.62 | 38 | | 19.02 | 11.97 | 14.22 |
| 29.5 | 1032 | 15.0 | | | 0.76 | 7.8 | | 9.1 | 9.1 | 95 | | 0.62 | 38 | | 19.06 | 11.97 | 14.25 |
| 29.5 | 1032 | 16.0 | | | 0.79 | 8.1 | | 9.1 | 9.1 | 95 | | 0.63 | 39 | | 19.07 | 11.97 | 14.26 |
| 29.5 | 1032 | 17.0 | | | 0.80 | 8.2 | | 9.1 | 9.1 | 95 | | 0.69 | 42 | | 19.08 | 11.98 | 14.26 |
| 29.0 | 1045 | 1.0 | | | 2.49 | 27.4 | | 11.0 | 10.4 | 110 | | 0.41 | 28 | 2.3 | 17.92 | 13.02 | 13.20 |
| 29.0 | 1045 | 2.0 | | | 2.47 | 27.2 | | 11.0 | 10.3 | 110 | | 0.41 | 28 | | 17.88 | 13.08 | 13.16 |
| 29.0 | 1045 | 3.0 | | | 2.30 | 25.3 | | 10.6 | 10.1 | 107 | | 0.40 | 28 | | 17.87 | 13.08 | 13.15 |
| 29.0 | 1045 | 4.0 | | | 1.85 | 20.1 | | 10.1 | 9.8 | 103 | | 0.40 | 28 | | 18.23 | 12.67 | 13.49 |
| 29.0 | 1045 | 5.0 | | | 1.34 | 14.3 | | 9.7 | 9.5 | 100 | | 0.39 | 27 | | 18.55 | 12.21 | 13.82 |
| 29.0 | 1045 | 6.0 | | | 0.98 | 10.2 | | 9.7 | 9.4 | 99 | | 0.40 | 28 | | 18.88 | 11.93 | 14.12 |
| 29.0 | 1045 | 7.0 | | | 0.79 | 8.1 | | 9.6 | 9.4 | 99 | | 0.41 | 28 | | 18.95 | 11.89 | 14.18 |
| 29.0 | 1045 | 8.0 | | | 0.71 | 7.1 | | 9.6 | 9.4 | 98 | | 0.46 | 30 | | 19.03 | 11.87 | 14.25 |
| 29.0 | 1045 | 9.0 | | | 0.77 | 7.2 | | 9.6 | 9.4 | 98 | | 0.52 | 34 | | 19.07 | 11.86 | 14.27 |
| 29.0 | 1045 | 10.0 | | | 0.77 | 7.9 | | 9.6 | 9.4 | 99 | | 0.59 | 37 | | 19.09 | 11.85 | 14.29 |
| 29.0 | 1045 | 11.0 | | | 0.82 | 8.4 | | 9.6 | 9.4 | 99 | | 0.65 | 40 | | 19.09 | 11.86 | 14.29 |
| 29.0 | 1045 | 12.0 | | | 0.79 | 8.0 | | 9.6 | 9.4 | 98 | | 0.70 | 42 | | 19.09 | 11.86 | 14.29 |
| 29.0 | 1045 | 13.0 | | | 0.80 | 8.2 | | 9.6 | 9.4 | 99 | | 0.71 | 43 | | 19.09 | 11.86 | 14.29 |
| 29.0 | 1045 | 14.0 | | | 0.87 | 8.9 | | 9.6 | 9.4 | 98 | | 0.76 | 45 | | 19.09 | 11.89 | 14.29 |
| 29.0 | 1045 | 15.0 | | | 0.89 | 9.2 | | 9.6 | 9.4 | 98 | | 0.83 | 48 | | 19.09 | 11.89 | 14.29 |
| 29.0 | 1045 | 16.0 | | | 1.02 | 10.7 | | 9.6 | 9.4 | 98 | | 0.82 | 48 | | 19.09 | 11.89 | 14.29 |
| 29.0 | 1045 | 17.0 | | | 1.07 | 11.2 | | 9.6 | 9.4 | 98 | | 0.91 | 52 | | 19.11 | 11.90 | 14.30 |
| 28.0 | 1100 | 1.0 | | | 0.88 | 9.1 | | 9.3 | 9.2 | 97 | | 0.39 | 27 | 2.3 | 18.65 | 12.22 | 13.90 |
| 28.0 | 1100 | 2.0 | | | 0.83 | 8.6 | | 9.3 | 9.2 | 96 | | 0.40 | 28 | | 18.85 | 11.95 | 14.09 |
| 28.0 | 1100 | 3.0 | | | 0.75 | 7.6 | | 9.2 | 9.1 | 95 | | 0.41 | 28 | | 19.01 | 11.84 | 14.23 |
| 28.0 | 1100 | 4.0 | | | 0.70 | 7.0 | | 9.2 | 9.1 | 95 | | 0.44 | 29 | | 19.06 | 11.82 | 14.28 |

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| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PNA | FLUOR | CALC CHL a | DISCR OXYG | CALC OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|--------------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 28.0 | 1100 | 5.0 | | | 0.66 | 6.6 | | 9.1 | 9.1 | 95 | | 0.46 | 30 | | 19.10 | 11.80 | 14.31 |
| 28.0 | 1100 | 6.0 | | | 0.65 | 6.4 | | 9.1 | 9.1 | 95 | | 0.48 | 31 | | 19.17 | 11.78 | 14.36 |
| 28.0 | 1100 | 7.0 | | | 0.64 | 6.4 | | 9.1 | 9.1 | 95 | | 0.52 | 33 | | 19.19 | 11.78 | 14.38 |
| 28.0 | 1100 | 8.0 | | | 0.64 | 6.4 | | 9.1 | 9.1 | 95 | | 0.54 | 34 | | 19.22 | 11.78 | 14.40 |
| 28.0 | 1100 | 9.0 | | | 0.67 | 6.7 | | 9.1 | 9.1 | 95 | | 0.56 | 35 | | 19.25 | 11.77 | 14.42 |
| 28.0 | 1100 | 10.0 | | | 0.66 | 6.6 | | 9.1 | 9.0 | 94 | | 0.58 | 36 | | 19.36 | 11.76 | 14.52 |
| 28.0 | 1100 | 11.0 | | | 0.59 | 5.7 | | 9.0 | 9.0 | 94 | | 0.59 | 37 | | 19.58 | 11.68 | 14.70 |
| 28.0 | 1100 | 12.0 | | | 0.53 | 5.1 | | 9.0 | 9.0 | 94 | | 0.59 | 37 | | 19.63 | 11.65 | 14.74 |
| 28.0 | 1100 | 13.0 | | | 0.50 | 4.7 | | 9.0 | 9.0 | 94 | | 0.58 | 36 | | 19.65 | 11.63 | 14.76 |
| 28.0 | 1100 | 14.0 | | | 0.50 | 4.8 | | 9.0 | 9.0 | 94 | | 0.60 | 37 | | 19.66 | 11.62 | 14.77 |
| 28.0 | 1100 | 15.0 | | | 0.48 | 4.5 | | 9.0 | 9.0 | 94 | | 0.60 | 37 | | 19.66 | 11.62 | 14.77 |
| 28.0 | 1100 | 16.0 | | | 0.47 | 4.4 | | 9.0 | 9.0 | 94 | | 0.62 | 38 | | 19.66 | 11.62 | 14.77 |
| 27.0 | 1117 | 1.0 | | | 0.63 | 6.2 | | 9.3 | 9.2 | 96 | | 0.38 | 26 | 2.1 | 18.97 | 11.88 | 14.19 |
| 27.0 | 1117 | 2.0 | 6.7 | 0.75 | 0.58 | 5.7 | 9.4 | 9.2 | 9.1 | 95 | 22.6 | 0.39 | 27 | | 19.32 | 11.70 | 14.49 |
| 27.0 | 1117 | 3.0 | | | 0.50 | 4.8 | | 9.1 | 9.1 | 95 | | 0.41 | 28 | | 19.53 | 11.62 | 14.67 |
| 27.0 | 1117 | 4.0 | | | 0.45 | 4.2 | | 9.1 | 9.0 | 94 | | 0.44 | 30 | | 19.72 | 11.55 | 14.83 |
| 27.0 | 1117 | 5.0 | | | 0.41 | 3.8 | | 9.1 | 9.0 | 94 | | 0.44 | 30 | | 19.96 | 11.48 | 15.02 |
| 27.0 | 1117 | 6.0 | | | 0.40 | 3.6 | | 9.1 | 9.0 | 94 | | 0.46 | 30 | | 19.98 | 11.46 | 15.05 |
| 27.0 | 1117 | 7.0 | | | 0.42 | 3.8 | | 9.1 | 9.0 | 94 | | 0.49 | 32 | | 20.00 | 11.45 | 15.06 |
| 27.0 | 1117 | 8.0 | | | 0.45 | 4.2 | | 9.1 | 9.0 | 94 | | 0.51 | 33 | | 20.00 | 11.46 | 15.06 |
| 27.0 | 1117 | 9.0 | | | 0.45 | 4.2 | | 9.1 | 9.0 | 94 | | 0.55 | 35 | | 20.02 | 11.45 | 15.07 |
| 27.0 | 1117 | 10.0 | | | 0.43 | 4.0 | | 9.0 | 9.0 | 94 | | 0.58 | 36 | | 20.05 | 11.45 | 15.10 |
| 27.0 | 1117 | 11.0 | | | 0.44 | 4.1 | | 9.1 | 9.0 | 94 | | 0.59 | 37 | | 20.07 | 11.44 | 15.11 |
| 27.0 | 1117 | 12.0 | 3.8 | 0.51 | 0.45 | 4.1 | | 9.1 | 9.0 | 94 | | 0.60 | 37 | | 20.07 | 11.44 | 15.11 |
| 26.0 | 1129 | 1.0 | | | 0.44 | 4.0 | | 8.8 | 8.9 | 92 | | 0.36 | 25 | 1.9 | 19.68 | 11.58 | 14.79 |
| 26.0 | 1129 | 2.0 | | | 0.46 | 4.3 | | 8.8 | 8.9 | 92 | | 0.34 | 25 | | 19.66 | 11.58 | 14.78 |
| 26.0 | 1129 | 3.0 | | | 0.46 | 4.3 | | 8.8 | 8.9 | 92 | | 0.34 | 25 | | 19.87 | 11.55 | 14.94 |
| 26.0 | 1129 | 4.0 | | | 0.44 | 4.1 | | 8.8 | 8.8 | 92 | | 0.35 | 25 | | 20.05 | 11.55 | 15.08 |
| 26.0 | 1129 | 5.0 | | | 0.42 | 3.9 | | 8.7 | 8.8 | 92 | | 0.34 | 25 | | 20.21 | 11.55 | 15.20 |
| 26.0 | 1129 | 6.0 | | | 0.39 | 3.5 | | 8.6 | 8.7 | 91 | | 0.33 | 24 | | 20.41 | 11.45 | 15.38 |
| 26.0 | 1129 | 7.0 | | | 0.39 | 3.5 | | 8.6 | 8.7 | 91 | | 0.32 | 23 | | 20.46 | 11.40 | 15.43 |
| 26.0 | 1129 | 8.0 | | | 0.40 | 3.7 | | 8.6 | 8.8 | 91 | | 0.35 | 25 | | 20.47 | 11.39 | 15.43 |
| 26.0 | 1129 | 9.0 | | | 0.42 | 3.8 | | 8.6 | 8.7 | 91 | | 0.37 | 26 | | 20.49 | 11.38 | 15.44 |
| 26.0 | 1129 | 10.0 | | | 0.41 | 3.8 | | 8.6 | 8.7 | 91 | | 0.38 | 27 | | 20.51 | 11.38 | 15.46 |
| 26.0 | 1129 | 11.0 | | | 0.40 | 3.6 | | 8.6 | 8.8 | 91 | | 0.46 | 30 | | 20.59 | 11.37 | 15.53 |
| 25.0 | 1144 | 1.0 | | | 0.39 | 3.5 | | 8.6 | 8.7 | 92 | | 0.27 | 21 | 1.6 | 19.96 | 12.00 | 14.94 |
| 25.0 | 1144 | 2.0 | | | 0.40 | 3.6 | | 8.1 | 8.4 | 89 | | 0.24 | 20 | | 20.45 | 11.95 | 15.32 |
| 25.0 | 1144 | 3.0 | | | 0.35 | 3.0 | | 8.2 | 8.4 | 88 | | 0.22 | 19 | | 20.68 | 11.42 | 15.59 |
| 25.0 | 1144 | 4.0 | | | 0.32 | 2.8 | | 8.2 | 8.4 | 88 | | 0.21 | 18 | | 20.76 | 11.39 | 15.65 |
| 25.0 | 1144 | 5.0 | | | 0.32 | 2.7 | | 8.2 | 8.4 | 88 | | 0.23 | 19 | | 20.80 | 11.35 | 15.69 |

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|--------------|--------------|--------------|------------|-------------|-------|-------|-------|-------|
| 25.0 | 1144 | 6.0 | | | 0.32 | 2.7 | | 8.2 | 8.4 | | 0.27 | 21 | | 20.96 | 11.33 | 15.82 |
| 25.0 | 1144 | 7.0 | | | 0.34 | 3.0 | | 8.1 | 8.4 | | 0.34 | 24 | | 21.24 | 11.31 | 16.04 |
| 25.0 | 1144 | 8.0 | | | 0.37 | 3.3 | | 8.1 | 8.4 | | 0.47 | 31 | | 21.41 | 11.29 | 16.17 |
| 25.0 | 1144 | 9.0 | | | 0.37 | 3.3 | | 8.2 | 8.4 | | 0.83 | 48 | | 21.59 | 11.27 | 16.32 |
| 24.0 | 1203 | 1.0 | | | 0.33 | 2.8 | | 8.7 | 8.8 | | 0.15 | 15 | 1.3 | 20.59 | 12.30 | 15.38 |
| 24.0 | 1203 | 2.0 | | 0.76 | 0.35 | 3.0 | | 8.5 | 8.7 | | 0.14 | 15 | | 20.94 | 11.85 | 15.72 |
| 24.0 | 1203 | 3.0 | 3.9 | | 0.37 | 3.2 | 9.0 | 8.5 | 8.7 | 31.7 | 0.14 | 15 | | 21.41 | 11.42 | 16.15 |
| 24.0 | 1203 | 4.0 | | | 0.37 | 3.2 | | 8.5 | 8.6 | | 0.14 | 15 | | 21.60 | 11.29 | 16.32 |
| 24.0 | 1203 | 5.0 | | | 0.33 | 2.8 | | 8.4 | 8.6 | | 0.16 | 16 | | 22.03 | 11.22 | 16.66 |
| 24.0 | 1203 | 6.0 | | | 0.31 | 2.6 | | 8.4 | 8.6 | | 0.19 | 17 | | 22.53 | 11.14 | 17.06 |
| 24.0 | 1203 | 7.0 | | | 0.31 | 2.6 | | 8.4 | 8.6 | | 0.22 | 19 | | 22.70 | 11.11 | 17.21 |
| 24.0 | 1203 | 8.0 | | | 0.31 | 2.6 | | 8.4 | 8.6 | | 0.26 | 21 | | 22.87 | 11.08 | 17.34 |
| 24.0 | 1203 | 9.0 | | | 0.31 | 2.6 | | 8.4 | 8.6 | | 0.33 | 24 | | 22.90 | 11.08 | 17.36 |
| 24.0 | 1203 | 10.0 | | | 0.32 | 2.7 | | 8.4 | 8.6 | | 0.38 | 27 | | 22.96 | 11.07 | 17.41 |
| 24.0 | 1203 | 11.0 | | | 0.32 | 2.7 | | 8.4 | 8.6 | | 0.41 | 28 | | 22.97 | 11.07 | 17.42 |
| 24.0 | 1203 | 12.0 | 3.0 | 0.60 | 0.31 | 2.6 | | 8.4 | 8.6 | | 0.41 | 28 | | 23.00 | 11.06 | 17.44 |
| 23.0 | 1216 | 1.0 | | | 0.26 | 2.1 | | 8.7 | 8.8 | | 0.11 | 13 | 1.2 | 20.70 | 11.71 | 15.56 |
| 23.0 | 1216 | 2.0 | | | 0.29 | 2.4 | | 8.6 | 8.7 | | 0.11 | 14 | | 21.04 | 11.54 | 15.85 |
| 23.0 | 1216 | 3.0 | | | 0.30 | 2.4 | | 8.5 | 8.6 | | 0.12 | 14 | | 21.43 | 11.31 | 16.18 |
| 23.0 | 1216 | 4.0 | | | 0.30 | 2.5 | | 8.5 | 8.6 | | 0.12 | 14 | | 21.58 | 11.20 | 16.32 |
| 23.0 | 1216 | 5.0 | | | 0.30 | 2.5 | | 8.4 | 8.6 | | 0.11 | 13 | | 21.83 | 11.16 | 16.52 |
| 23.0 | 1216 | 6.0 | | | 0.29 | 2.3 | | 8.4 | 8.6 | | 0.12 | 14 | | 22.12 | 11.15 | 16.75 |
| 23.0 | 1216 | 7.0 | | | 0.27 | 2.1 | | 8.4 | 8.6 | | 0.13 | 14 | | 22.40 | 11.12 | 16.96 |
| 23.0 | 1216 | 8.0 | | | 0.26 | 2.0 | | 8.3 | 8.5 | | 0.14 | 15 | | 22.47 | 11.12 | 17.02 |
| 23.0 | 1216 | 9.0 | | | 0.27 | 2.1 | | 8.3 | 8.5 | | 0.15 | 15 | | 22.83 | 11.07 | 17.31 |
| 23.0 | 1216 | 10.0 | | | 0.29 | 2.4 | | 8.2 | 8.5 | | 0.18 | 17 | | 23.18 | 11.03 | 17.59 |
| 23.0 | 1216 | 11.0 | | | 0.31 | 2.6 | | 8.2 | 8.4 | | 0.23 | 19 | | 23.74 | 10.96 | 18.03 |
| 23.0 | 1216 | 12.0 | | | 0.30 | 2.5 | | 8.1 | 8.4 | | 0.29 | 22 | | 23.84 | 10.95 | 18.11 |
| 23.0 | 1216 | 13.0 | | | 0.31 | 2.6 | | 8.1 | 8.4 | | 0.35 | 25 | | 24.17 | 10.91 | 18.37 |
| 23.0 | 1216 | 14.0 | | | 0.32 | 2.7 | | 8.1 | 8.4 | | 0.45 | 30 | | 24.48 | 10.87 | 18.62 |
| 23.0 | 1216 | 15.0 | | | 0.33 | 2.8 | | 8.1 | 8.4 | | 0.47 | 31 | | 24.52 | 10.87 | 18.65 |
| 23.0 | 1216 | 16.0 | | | 0.33 | 2.8 | | 8.1 | 8.4 | | 0.48 | 31 | | 24.57 | 10.87 | 18.69 |
| 22.0 | 1235 | 1.0 | | | 0.31 | 2.6 | | 8.3 | 8.5 | | 0.22 | 19 | 1.4 | 22.38 | 11.37 | 16.91 |
| 22.0 | 1235 | 2.0 | | | 0.32 | 2.7 | | 8.3 | 8.5 | | 0.22 | 19 | | 22.39 | 11.34 | 16.93 |
| 22.0 | 1235 | 3.0 | | | 0.32 | 2.7 | | 8.2 | 8.5 | | 0.22 | 19 | | 22.61 | 11.22 | 17.12 |
| 22.0 | 1235 | 4.0 | | | 0.31 | 2.6 | | 8.2 | 8.4 | | 0.24 | 19 | | 22.94 | 11.14 | 17.38 |
| 22.0 | 1235 | 5.0 | | | 0.31 | 2.6 | | 8.2 | 8.4 | | 0.27 | 21 | | 23.07 | 11.10 | 17.49 |
| 22.0 | 1235 | 6.0 | | | 0.30 | 2.5 | | 8.2 | 8.4 | | 0.28 | 22 | | 23.17 | 11.07 | 17.57 |
| 22.0 | 1235 | 7.0 | | | 0.29 | 2.4 | | 8.1 | 8.4 | | 0.28 | 22 | | 23.29 | 11.03 | 17.67 |
| 22.0 | 1235 | 8.0 | | | 0.30 | 2.5 | | 8.1 | 8.4 | | 0.26 | 21 | | 23.59 | 10.99 | 17.91 |

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March 6, 1997

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| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|-------------------------------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------------|-------------|-------|-------|-------|-------|
| 22.0 | 1235 | 9.0 | | | 0.31 | 2.6 | | 8.0 | 8.3 | 88 | | 0.27 | 21 | | 24.06 | 10.94 | 18.28 |
| 22.0 | 1235 | 10.0 | | | 0.32 | 2.7 | | 8.0 | 8.3 | 88 | | 0.32 | 24 | | 24.73 | 10.85 | 18.81 |
| 22.0 | 1235 | 11.0 | | | 0.34 | 2.9 | | 7.9 | 8.3 | 88 | | 0.45 | 30 | | 25.24 | 10.79 | 19.22 |
| 22.0 | 1235 | 12.0 | | | 0.35 | 3.1 | | 7.9 | 8.2 | 88 | | 0.57 | 36 | | 25.45 | 10.77 | 19.39 |
| 22.0 | 1235 | 13.0 | | | 0.37 | 3.3 | | 7.9 | 8.2 | 87 | | 0.68 | 41 | | 25.56 | 10.76 | 19.48 |
| 22.0 | 1235 | 14.0 | | | 0.38 | 3.4 | | 7.9 | 8.2 | 87 | | 0.79 | 46 | | 25.64 | 10.74 | 19.54 |
| 22.0 | 1235 | 15.0 | | | 0.38 | 3.4 | | 7.9 | 8.2 | 88 | | 0.82 | 48 | | 25.65 | 10.75 | 19.55 |
| 22.0 | 1235 | 16.0 | | | 0.40 | 3.6 | | 7.9 | 8.2 | 88 | | 0.92 | 53 | | 25.68 | 10.74 | 19.57 |
| 22.0 | 1235 | 17.0 | | | 0.40 | 3.6 | | 7.9 | 8.2 | 87 | | 0.99 | 56 | | 25.70 | 10.74 | 19.59 |
| 22.0 | 1235 | 18.0 | | | 0.40 | 3.6 | | 7.9 | 8.2 | 87 | | 0.98 | 56 | | 25.71 | 10.74 | 19.59 |
| 21.0 | 1249 | 1.0 | | | 0.31 | 2.6 | | 8.5 | 8.6 | 91 | | 0.22 | 19 | 1.5 | 22.12 | 11.53 | 16.69 |
| 21.0 | 1249 | 2.0 | 2.5 | 0.62 | 0.32 | 2.7 | 8.3 | 8.4 | 8.6 | 91 | 15.6 | 0.22 | 19 | | 22.34 | 11.34 | 16.89 |
| 21.0 | 1249 | 3.0 | | | 0.32 | 2.7 | | 8.4 | 8.6 | 90 | | 0.22 | 19 | | 22.42 | 11.27 | 16.96 |
| 21.0 | 1249 | 4.0 | | | 0.30 | 2.5 | | 8.4 | 8.6 | 90 | | 0.22 | 19 | | 22.49 | 11.21 | 17.02 |
| 21.0 | 1249 | 5.0 | | | 0.29 | 2.4 | | 8.4 | 8.6 | 90 | | 0.21 | 18 | | 22.55 | 11.14 | 17.08 |
| 21.0 | 1249 | 6.0 | | | 0.29 | 2.4 | | 8.4 | 8.6 | 90 | | 0.21 | 18 | | 22.56 | 11.14 | 17.09 |
| 21.0 | 1249 | 7.0 | | | 0.31 | 2.6 | | 8.3 | 8.6 | 90 | | 0.19 | 17 | | 23.07 | 11.07 | 17.49 |
| 21.0 | 1249 | 8.0 | | | 0.32 | 2.7 | | 8.3 | 8.5 | 90 | | 0.22 | 18 | | 23.40 | 11.03 | 17.76 |
| 21.0 | 1249 | 9.0 | | | 0.32 | 2.8 | | 8.3 | 8.5 | 90 | | 0.30 | 22 | | 23.51 | 11.02 | 17.84 |
| 21.0 | 1249 | 10.0 | | | 0.34 | 3.0 | | 8.3 | 8.5 | 90 | | 0.32 | 24 | | 23.66 | 11.01 | 17.96 |
| 21.0 | 1249 | 11.0 | | | 0.37 | 3.2 | | 8.2 | 8.5 | 90 | | 0.38 | 26 | | 24.21 | 10.95 | 18.40 |
| 21.0 | 1249 | 12.0 | | | 0.38 | 3.4 | | 8.2 | 8.4 | 89 | | 0.55 | 35 | | 24.41 | 10.93 | 18.56 |
| 21.0 | 1249 | 13.0 | | | 0.41 | 3.7 | | 8.2 | 8.4 | 89 | | 0.62 | 38 | | 24.56 | 10.91 | 18.68 |
| 21.0 | 1249 | 14.0 | | | 0.42 | 3.8 | | 8.2 | 8.4 | 89 | | 0.66 | 40 | | 24.66 | 10.90 | 18.75 |
| 21.0 | 1249 | 15.0 | | | 0.41 | 3.7 | | 8.1 | 8.4 | 89 | | 0.72 | 43 | | 24.80 | 10.88 | 18.87 |
| 21.0 | 1249 | 16.0 | | | 0.41 | 3.7 | | 8.1 | 8.4 | 89 | | 0.73 | 44 | | 24.90 | 10.87 | 18.94 |
| 21.0 | 1249 | 17.0 | | | 0.42 | 3.8 | | 8.1 | 8.4 | 89 | | 0.78 | 46 | | 25.03 | 10.85 | 19.05 |
| 21.0 | 1249 | 18.0 | 3.4 | 0.42 | 0.42 | 3.8 | | 8.1 | 8.4 | 89 | | 0.83 | 49 | | 25.12 | 10.83 | 19.12 |
| | | | | | | | | | | n | Slope | Inter. | Std. Err. | | | | |
| | | | | | | | | | | 12 | 11.388 | -0.930 | 1.022 | | | | |
| Fluorometer Calibration: | | | | | | | | | | 6 | 48.894 | 7.953 | 9.939 | | | | |
| OBS Calibration: | | | | | | | | | | 5 | 0.684 | 2.838 | 0.344 | | | | |
| Dissolved Oxygen Calibration: | | | | | | | | | | | | | | | | | |

Seabird v4.026

South San Francisco Bay

March 11, 1997

97070

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR CHL a | DISCR CHL a | CALC CHL a | DISCR CHL a | % OXY SAT | CALC OXYG | DISCR OXYG | CALC OXYG | DISCR OXYG | OBS SPM | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|----------------|----------------|---------------|----------------|--------------|--------------|---------------|--------------|---------------|------------|-------------|-------|-------|-------|-------|
| 36.0 | 1423 | 1.0 | | | 3.86 | 42.8 | | | 8.3 | 8.6 | 94 | | | | | 3.82 | 276 | 14.1 | 15.66 | 15.01 | 11.11 |
| 36.0 | 1423 | 2.0 | 41.2 | 0.67 | 3.80 | 42.0 | 8.4 | | 8.4 | 8.6 | 94 | | | | | 3.51 | 253 | | 16.17 | 14.42 | 11.61 |
| 36.0 | 1423 | 3.0 | | | 3.58 | 39.5 | | | 8.4 | 8.7 | 94 | | | | | 3.42 | 246 | | 16.39 | 14.24 | 11.82 |
| 36.0 | 1423 | 4.0 | | | 3.32 | 36.5 | | | 8.4 | 8.7 | 94 | | | | | 3.51 | 253 | | 16.43 | 14.23 | 11.85 |
| 36.0 | 1423 | 5.0 | | | 3.12 | 34.1 | | | 8.5 | 8.7 | 94 | | | | | 3.06 | 220 | | 16.49 | 14.19 | 11.90 |
| 36.0 | 1423 | 6.0 | | | 3.15 | 34.6 | | | 8.5 | 8.7 | 94 | | | | | 2.91 | 209 | | 16.50 | 14.19 | 11.91 |
| 36.0 | 1423 | 7.0 | | | 3.36 | 37.0 | | | 8.5 | 8.7 | 94 | | | | | 3.05 | 219 | | 16.51 | 14.21 | 11.91 |
| 36.0 | 1423 | 8.0 | 38.3 | 0.61 | 3.39 | 37.3 | | | 8.5 | 8.7 | 94 | | | | | 3.48 | 250 | | 16.50 | 14.22 | 11.90 |
| 35.0 | 1413 | 1.0 | | | 2.71 | 29.4 | | | 8.7 | 8.8 | 96 | | | | | 2.34 | 167 | 8.7 | 16.79 | 14.34 | 12.10 |
| 35.0 | 1413 | 2.0 | | | 2.74 | 29.8 | | | 8.7 | 8.9 | 96 | | | | | 2.44 | 174 | | 16.82 | 14.24 | 12.14 |
| 35.0 | 1413 | 3.0 | | | 2.84 | 30.9 | | | 8.7 | 8.8 | 96 | | | | | 2.54 | 182 | | 16.82 | 14.24 | 12.14 |
| 35.0 | 1413 | 4.0 | | | 2.89 | 31.5 | | | 8.7 | 8.8 | 96 | | | | | 2.66 | 190 | | 16.82 | 14.21 | 12.15 |
| 35.0 | 1413 | 5.0 | | | 2.91 | 31.8 | | | 8.6 | 8.8 | 96 | | | | | 2.69 | 193 | | 16.83 | 14.21 | 12.15 |
| 35.0 | 1413 | 6.0 | | | 2.94 | 32.0 | | | 8.6 | 8.8 | 95 | | | | | 2.94 | 211 | | 16.85 | 14.13 | 12.19 |
| 35.0 | 1413 | 7.0 | | | 2.90 | 31.6 | | | 8.6 | 8.8 | 95 | | | | | 3.01 | 216 | | 16.84 | 14.12 | 12.18 |
| 35.0 | 1413 | 8.0 | | | 2.84 | 30.9 | | | 8.6 | 8.8 | 95 | | | | | 3.08 | 221 | | 16.83 | 14.10 | 12.18 |
| 35.0 | 1413 | 9.0 | | | 1.63 | 16.8 | | | 8.6 | 8.8 | 95 | | | | | 3.13 | 225 | | 16.83 | 14.07 | 12.18 |
| 35.0 | 1413 | 10.0 | | | 1.24 | 12.2 | | | 8.4 | 8.7 | 94 | | | | | 6.38 | 463 | | 16.81 | 14.11 | 12.16 |
| 34.0 | 1400 | 1.0 | | | 2.64 | 28.6 | | | 8.7 | 8.8 | 96 | | | | | 3.02 | 217 | 11.5 | 17.01 | 13.97 | 12.34 |
| 34.0 | 1400 | 2.0 | | | 2.65 | 28.7 | | | 8.7 | 8.8 | 95 | | | | | 2.93 | 210 | | 17.02 | 13.97 | 12.35 |
| 34.0 | 1400 | 3.0 | | | 2.63 | 28.4 | | | 8.7 | 8.8 | 95 | | | | | 3.01 | 216 | | 17.07 | 13.90 | 12.40 |
| 34.0 | 1400 | 4.0 | | | 2.48 | 26.7 | | | 8.5 | 8.7 | 94 | | | | | 3.12 | 224 | | 17.08 | 13.89 | 12.41 |
| 34.0 | 1400 | 5.0 | | | 2.29 | 24.5 | | | 8.5 | 8.7 | 94 | | | | | 3.14 | 225 | | 17.30 | 13.69 | 12.61 |
| 34.0 | 1400 | 6.0 | | | 2.19 | 23.3 | | | 8.5 | 8.7 | 94 | | | | | 3.87 | 279 | | 17.36 | 13.67 | 12.66 |
| 34.0 | 1400 | 7.0 | | | 2.12 | 22.6 | | | 8.5 | 8.7 | 94 | | | | | 4.13 | 298 | | 17.41 | 13.65 | 12.70 |
| 34.0 | 1400 | 8.0 | | | 2.18 | 23.3 | | | 8.5 | 8.7 | 94 | | | | | 4.37 | 316 | | 17.47 | 13.62 | 12.75 |
| 34.0 | 1400 | 9.0 | | | 2.36 | 25.3 | | | 8.5 | 8.7 | 94 | | | | | 5.09 | 369 | | 17.47 | 13.62 | 12.75 |
| 34.0 | 1400 | 10.0 | | | 2.54 | 27.4 | | | 8.5 | 8.7 | 94 | | | | | 5.41 | 393 | | 17.48 | 13.62 | 12.76 |
| 34.0 | 1400 | 11.0 | | | 2.53 | 27.3 | | | 8.5 | 8.7 | 94 | | | | | 5.86 | 425 | | 17.48 | 13.62 | 12.76 |
| 33.0 | 1345 | 1.0 | | | 2.84 | 30.9 | | | 8.8 | 8.9 | 98 | | | | | 2.70 | 193 | 7.5 | 17.07 | 14.42 | 12.30 |
| 33.0 | 1345 | 2.0 | | | 2.86 | 31.2 | | | 8.8 | 8.9 | 97 | | | | | 2.60 | 186 | | 17.08 | 14.40 | 12.31 |
| 33.0 | 1345 | 3.0 | | | 2.73 | 29.6 | | | 8.6 | 8.8 | 96 | | | | | 2.60 | 186 | | 17.11 | 14.31 | 12.36 |
| 33.0 | 1345 | 4.0 | | | 2.41 | 25.9 | | | 8.6 | 8.8 | 95 | | | | | 2.36 | 168 | | 17.36 | 13.99 | 12.60 |
| 33.0 | 1345 | 5.0 | | | 2.15 | 22.8 | | | 8.6 | 8.8 | 95 | | | | | 2.24 | 159 | | 17.52 | 13.89 | 12.75 |
| 33.0 | 1345 | 6.0 | | | 2.02 | 21.4 | | | 8.6 | 8.8 | 95 | | | | | 2.13 | 152 | | 17.56 | 13.86 | 12.78 |
| 33.0 | 1345 | 7.0 | | | 1.85 | 19.3 | | | 8.4 | 8.7 | 94 | | | | | 2.10 | 149 | | 17.58 | 13.84 | 12.80 |
| 33.0 | 1345 | 8.0 | | | 1.58 | 16.2 | | | 8.4 | 8.7 | 93 | | | | | 2.06 | 147 | | 17.89 | 13.56 | 13.09 |
| 33.0 | 1345 | 9.0 | | | 1.44 | 14.6 | | | 8.4 | 8.7 | 93 | | | | | 2.03 | 144 | | 18.07 | 13.38 | 13.25 |
| 33.0 | 1345 | 10.0 | | | 1.53 | 15.6 | | | 8.4 | 8.7 | 93 | | | | | 2.13 | 152 | | 18.14 | 13.31 | 13.32 |
| 33.0 | 1345 | 11.0 | | | 1.69 | 17.5 | | | 8.4 | 8.7 | 93 | | | | | 3.16 | 227 | | 18.15 | 13.30 | 13.33 |

South San Francisco Bay

March 11, 1997

97070

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 33.0 | 1345 | 12.0 | | | 1.85 | 19.3 | | 8.4 | 8.7 | 93 | | 3.93 | 283 | | 18.15 | 13.30 | 13.33 |
| 33.0 | 1345 | 13.0 | | | 1.96 | 20.7 | | 8.5 | 8.7 | 93 | | 4.97 | 360 | | 18.14 | 13.30 | 13.32 |
| 33.0 | 1345 | 14.0 | | | 2.10 | 22.2 | | 8.5 | 8.7 | 93 | | 5.93 | 430 | | 18.13 | 13.30 | 13.32 |
| 33.0 | 1345 | 15.0 | | | 2.11 | 22.4 | | 8.5 | 8.7 | 93 | | 7.42 | 540 | | 18.13 | 13.31 | 13.31 |
| 32.0 | 1337 | 1.0 | | | 1.97 | 20.8 | | 9.1 | 9.1 | 99 | | 1.57 | 110 | 4.8 | 17.37 | 14.16 | 12.58 |
| 32.0 | 1337 | 2.0 | 21.0 | 0.69 | 1.98 | 20.9 | 9.1 | 9.2 | 9.2 | 99 | 95.4 | 1.54 | 109 | | 17.46 | 14.09 | 12.66 |
| 32.0 | 1337 | 3.0 | | | 2.08 | 22.0 | | 9.1 | 9.1 | 99 | | 1.55 | 109 | | 17.38 | 14.18 | 12.58 |
| 32.0 | 1337 | 4.0 | | | 2.06 | 21.8 | | 8.8 | 9.0 | 97 | | 1.56 | 110 | | 17.39 | 14.16 | 12.59 |
| 32.0 | 1337 | 5.0 | | | 1.86 | 19.4 | | 8.9 | 9.0 | 97 | | 1.56 | 110 | | 17.82 | 13.85 | 12.98 |
| 32.0 | 1337 | 6.0 | | | 1.67 | 17.3 | | 8.9 | 9.0 | 97 | | 1.58 | 111 | | 17.92 | 13.76 | 13.07 |
| 32.0 | 1337 | 7.0 | | | 1.62 | 16.7 | | 8.9 | 9.0 | 97 | | 1.54 | 108 | | 17.92 | 13.76 | 13.08 |
| 32.0 | 1337 | 8.0 | | | 1.60 | 16.5 | | 8.9 | 9.0 | 97 | | 1.58 | 111 | | 17.93 | 13.73 | 13.09 |
| 32.0 | 1337 | 9.0 | | | 1.57 | 16.1 | | 8.8 | 9.0 | 97 | | 1.68 | 118 | | 17.96 | 13.68 | 13.12 |
| 32.0 | 1337 | 10.0 | | | 1.58 | 16.2 | | 8.8 | 8.9 | 96 | | 1.81 | 128 | | 18.00 | 13.59 | 13.17 |
| 32.0 | 1337 | 11.0 | | | 1.59 | 16.3 | | 8.7 | 8.9 | 95 | | 2.18 | 155 | | 18.05 | 13.49 | 13.22 |
| 32.0 | 1337 | 12.0 | | | 1.63 | 16.8 | | 8.7 | 8.8 | 95 | | 2.74 | 196 | | 18.14 | 13.37 | 13.31 |
| 32.0 | 1337 | 13.0 | | | 1.68 | 17.4 | | 8.7 | 8.8 | 95 | | 3.52 | 253 | | 18.25 | 13.28 | 13.41 |
| 32.0 | 1337 | 14.0 | 15.4 | 0.55 | 1.68 | 17.3 | | 8.7 | 8.9 | 95 | | 5.61 | 407 | | 18.26 | 13.26 | 13.42 |
| 31.0 | 1324 | 1.0 | | | 1.18 | 11.6 | | 8.7 | 8.9 | 95 | | 1.83 | 129 | 6.4 | 18.52 | 13.31 | 13.62 |
| 31.0 | 1324 | 2.0 | | | 1.19 | 11.6 | | 8.7 | 8.8 | 95 | | 1.89 | 134 | | 18.52 | 13.30 | 13.62 |
| 31.0 | 1324 | 3.0 | | | 1.21 | 11.8 | | 8.7 | 8.8 | 95 | | 1.95 | 138 | | 18.52 | 13.29 | 13.62 |
| 31.0 | 1324 | 4.0 | | | 1.19 | 11.7 | | 8.7 | 8.8 | 95 | | 2.11 | 150 | | 18.51 | 13.27 | 13.61 |
| 31.0 | 1324 | 5.0 | | | 1.18 | 11.5 | | 8.7 | 8.8 | 95 | | 2.33 | 166 | | 18.51 | 13.26 | 13.61 |
| 31.0 | 1324 | 6.0 | | | 1.19 | 11.7 | | 8.7 | 8.8 | 95 | | 2.31 | 164 | | 18.51 | 13.26 | 13.61 |
| 31.0 | 1324 | 7.0 | | | 1.26 | 12.4 | | 8.7 | 8.9 | 95 | | 2.56 | 183 | | 18.50 | 13.26 | 13.61 |
| 31.0 | 1324 | 8.0 | | | 1.30 | 12.9 | | 8.7 | 8.8 | 95 | | 2.73 | 196 | | 18.50 | 13.25 | 13.60 |
| 31.0 | 1324 | 9.0 | | | 1.30 | 12.9 | | 8.7 | 8.9 | 95 | | 2.71 | 194 | | 18.50 | 13.25 | 13.60 |
| 31.0 | 1324 | 10.0 | | | 1.29 | 12.8 | | 8.7 | 8.9 | 95 | | 2.71 | 194 | | 18.50 | 13.25 | 13.60 |
| 31.0 | 1324 | 11.0 | | | 1.28 | 12.7 | | 8.7 | 8.9 | 95 | | 2.71 | 194 | | 18.50 | 13.26 | 13.60 |
| 31.0 | 1324 | 12.0 | | | 1.28 | 12.7 | | 8.7 | 8.9 | 95 | | 2.66 | 190 | | 18.49 | 13.26 | 13.60 |
| 31.0 | 1324 | 13.0 | | | 1.28 | 12.7 | | 8.7 | 8.9 | 95 | | 2.99 | 214 | | 18.49 | 13.26 | 13.60 |
| 30.0 | 1307 | 1.0 | | | 0.91 | 8.4 | | 8.8 | 8.9 | 96 | | 0.89 | 61 | 3.5 | 18.75 | 13.37 | 13.78 |
| 30.0 | 1307 | 2.0 | 8.8 | 0.65 | 0.92 | 8.5 | 9.1 | 8.7 | 8.9 | 95 | 53.4 | 0.95 | 65 | | 18.81 | 13.25 | 13.85 |
| 30.0 | 1307 | 3.0 | | | 0.93 | 8.6 | | 8.7 | 8.9 | 95 | | 1.17 | 81 | | 18.93 | 13.10 | 13.96 |
| 30.0 | 1307 | 4.0 | | | 0.98 | 9.2 | | 8.7 | 8.9 | 95 | | 1.49 | 104 | | 18.98 | 13.07 | 14.01 |
| 30.0 | 1307 | 5.0 | | | 1.05 | 10.0 | | 8.7 | 8.9 | 95 | | 1.82 | 129 | | 19.00 | 13.06 | 14.02 |
| 30.0 | 1307 | 6.0 | | | 1.11 | 10.8 | | 8.7 | 8.9 | 95 | | 1.99 | 141 | | 19.01 | 13.06 | 14.03 |
| 30.0 | 1307 | 7.0 | | | 1.15 | 11.2 | | 8.7 | 8.9 | 95 | | 2.12 | 151 | | 19.02 | 13.06 | 14.04 |
| 30.0 | 1307 | 8.0 | | | 1.14 | 11.1 | | 8.7 | 8.9 | 95 | | 2.19 | 156 | | 19.02 | 13.06 | 14.04 |
| 30.0 | 1307 | 9.0 | | | 1.18 | 11.5 | | 8.8 | 8.9 | 95 | | 2.20 | 156 | | 19.02 | 13.06 | 14.04 |

| South San Francisco Bay | | | | | | | | | | March 11, 1997 | | | | 97070 | | | | | |
|-------------------------|------|-------|-------|-----------------|-------|------|-------|-------|------|----------------|------|-------|-------|-------|-----|-------|-------|-------|-------|
| STN | TIME | DEPTH | DISCR | CHL a/ a+PHA | FLUOR | CALC | CHL a | DISCR | OXYG | CALC | OXYG | % OXY | DISCR | OBS | SPM | EXCOF | SALIN | TEMP | SIGT |
| 30.0 | 1307 | 10.0 | | | 1.19 | 11.6 | | | 8.8 | 8.9 | 8.9 | 95 | | 2.18 | 155 | | 19.02 | 13.06 | 14.04 |
| 30.0 | 1307 | 11.0 | | | 1.18 | 11.5 | | | 8.8 | 8.9 | 8.9 | 95 | | 2.19 | 156 | | 19.02 | 13.06 | 14.04 |
| 30.0 | 1307 | 12.0 | | | 1.20 | 11.8 | | | 8.7 | 8.9 | 8.9 | 95 | | 2.32 | 165 | | 19.02 | 13.02 | 14.04 |
| 30.0 | 1307 | 13.0 | | | 1.22 | 12.1 | | | 8.7 | 8.9 | 8.9 | 95 | | 2.65 | 190 | | 19.02 | 13.00 | 14.05 |
| 30.0 | 1307 | 14.0 | | | 1.21 | 11.9 | | | 8.7 | 8.9 | 8.9 | 95 | | 2.85 | 204 | | 19.02 | 12.98 | 14.06 |
| 30.0 | 1307 | 15.0 | | 13.4 | 0.56 | 11.7 | | | 8.8 | 8.9 | 8.9 | 95 | | 3.03 | 217 | | 19.02 | 12.98 | 14.06 |
| 29.5 | 1255 | 1.0 | | | 0.91 | 8.4 | | | 8.9 | 9.0 | 9.0 | 97 | | 1.02 | 70 | 4.1 | 18.92 | 13.50 | 13.89 |
| 29.5 | 1255 | 2.0 | | | 0.91 | 8.4 | | | 8.8 | 9.0 | 9.0 | 97 | | 0.99 | 68 | | 18.92 | 13.50 | 13.89 |
| 29.5 | 1255 | 3.0 | | | 0.91 | 8.4 | | | 8.8 | 8.9 | 8.9 | 97 | | 1.00 | 69 | | 18.95 | 13.40 | 13.93 |
| 29.5 | 1255 | 4.0 | | | 0.95 | 8.8 | | | 8.7 | 8.9 | 8.9 | 96 | | 1.00 | 69 | | 18.98 | 13.32 | 13.96 |
| 29.5 | 1255 | 5.0 | | | 0.99 | 9.3 | | | 8.7 | 8.9 | 8.9 | 95 | | 1.01 | 70 | | 19.06 | 13.17 | 14.05 |
| 29.5 | 1255 | 6.0 | | | 0.98 | 9.3 | | | 8.7 | 8.9 | 8.9 | 95 | | 1.11 | 77 | | 19.11 | 13.10 | 14.10 |
| 29.5 | 1255 | 7.0 | | | 0.99 | 9.3 | | | 8.7 | 8.9 | 8.9 | 95 | | 1.18 | 82 | | 19.15 | 13.06 | 14.14 |
| 29.5 | 1255 | 8.0 | | | 1.02 | 9.7 | | | 8.7 | 8.9 | 8.9 | 95 | | 1.22 | 85 | | 19.17 | 13.05 | 14.16 |
| 29.5 | 1255 | 9.0 | | | 1.05 | 10.1 | | | 8.7 | 8.9 | 8.9 | 95 | | 1.26 | 87 | | 19.19 | 13.03 | 14.18 |
| 29.5 | 1255 | 10.0 | | | 1.03 | 9.8 | | | 8.7 | 8.9 | 8.9 | 95 | | 1.32 | 92 | | 19.21 | 13.02 | 14.20 |
| 29.5 | 1255 | 11.0 | | | 1.01 | 9.6 | | | 8.7 | 8.9 | 8.9 | 95 | | 1.48 | 104 | | 19.23 | 13.02 | 14.21 |
| 29.5 | 1255 | 12.0 | | | 1.04 | 9.9 | | | 8.7 | 8.9 | 8.9 | 95 | | 1.49 | 104 | | 19.23 | 13.02 | 14.21 |
| 29.5 | 1255 | 13.0 | | | 1.03 | 9.8 | | | 8.7 | 8.9 | 8.9 | 95 | | 1.48 | 104 | | 19.23 | 13.02 | 14.21 |
| 29.5 | 1255 | 14.0 | | | 1.03 | 9.8 | | | 8.8 | 8.9 | 8.9 | 95 | | 1.71 | 121 | | 19.25 | 13.00 | 14.23 |
| 29.5 | 1255 | 15.0 | | | 1.04 | 10.0 | | | 8.8 | 8.9 | 8.9 | 95 | | 1.87 | 133 | | 19.26 | 13.00 | 14.23 |
| 29.0 | 1242 | 1.0 | | | 0.78 | 6.9 | | | 8.9 | 9.0 | 9.0 | 97 | | 0.67 | 44 | 2.5 | 19.14 | 13.35 | 14.09 |
| 29.0 | 1242 | 2.0 | | | 0.79 | 7.0 | | | 8.9 | 9.0 | 9.0 | 97 | | 0.67 | 44 | | 19.16 | 13.30 | 14.11 |
| 29.0 | 1242 | 3.0 | | | 0.79 | 7.0 | | | 8.8 | 9.0 | 9.0 | 97 | | 0.70 | 46 | | 19.15 | 13.32 | 14.10 |
| 29.0 | 1242 | 4.0 | | | 0.84 | 7.6 | | | 8.9 | 9.0 | 9.0 | 97 | | 0.75 | 50 | | 19.21 | 13.22 | 14.16 |
| 29.0 | 1242 | 5.0 | | | 0.90 | 8.3 | | | 8.9 | 9.0 | 9.0 | 97 | | 0.83 | 56 | | 19.22 | 13.20 | 14.17 |
| 29.0 | 1242 | 6.0 | | | 0.89 | 8.1 | | | 8.8 | 9.0 | 9.0 | 96 | | 0.84 | 57 | | 19.24 | 13.19 | 14.19 |
| 29.0 | 1242 | 7.0 | | | 0.92 | 8.5 | | | 8.9 | 9.0 | 9.0 | 97 | | 0.87 | 59 | | 19.28 | 13.16 | 14.22 |
| 29.0 | 1242 | 8.0 | | | 0.99 | 9.3 | | | 8.8 | 8.9 | 8.9 | 96 | | 0.90 | 61 | | 19.29 | 13.15 | 14.23 |
| 29.0 | 1242 | 9.0 | | | 1.03 | 9.8 | | | 8.8 | 9.0 | 9.0 | 96 | | 1.00 | 68 | | 19.40 | 13.07 | 14.33 |
| 29.0 | 1242 | 10.0 | | | 1.04 | 9.9 | | | 8.8 | 9.0 | 9.0 | 96 | | 1.05 | 72 | | 19.43 | 13.05 | 14.36 |
| 29.0 | 1242 | 11.0 | | | 1.05 | 10.0 | | | 8.9 | 9.0 | 9.0 | 96 | | 1.16 | 80 | | 19.51 | 12.99 | 14.43 |
| 29.0 | 1242 | 12.0 | | | 1.10 | 10.6 | | | 8.9 | 9.0 | 9.0 | 96 | | 1.19 | 82 | | 19.52 | 12.99 | 14.44 |
| 29.0 | 1242 | 13.0 | | | 1.11 | 10.8 | | | 8.9 | 9.0 | 9.0 | 97 | | 1.18 | 82 | | 19.54 | 12.99 | 14.45 |
| 29.0 | 1242 | 14.0 | | | 1.08 | 10.4 | | | 8.9 | 9.0 | 9.0 | 96 | | 1.17 | 81 | | 19.53 | 12.99 | 14.45 |
| 29.0 | 1242 | 15.0 | | | 1.09 | 10.5 | | | 8.9 | 9.0 | 9.0 | 97 | | 1.28 | 89 | | 19.58 | 12.97 | 14.49 |
| 28.0 | 1229 | 1.0 | | | 0.84 | 7.6 | | | 8.8 | 8.9 | 8.9 | 96 | | 1.40 | 98 | 4.3 | 19.78 | 13.15 | 14.61 |
| 28.0 | 1229 | 2.0 | | | 0.83 | 7.5 | | | 8.8 | 8.9 | 8.9 | 96 | | 1.38 | 97 | | 19.78 | 13.13 | 14.62 |
| 28.0 | 1229 | 3.0 | | | 0.82 | 7.4 | | | 8.8 | 8.9 | 8.9 | 96 | | 1.43 | 100 | | 19.78 | 13.07 | 14.63 |
| 28.0 | 1229 | 4.0 | | | 0.85 | 7.8 | | | 8.7 | 8.9 | 8.9 | 96 | | 1.58 | 111 | | 19.78 | 13.07 | 14.63 |

South San Francisco Bay

March 11, 1997

97070

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------------|-------------|-------|-------|-------|-------|
| 28.0 | 1229 | 5.0 | | | 0.88 | 8.1 | | 8.8 | 8.9 | 96 | | 1.63 | 115 | | 19.77 | 13.01 | 14.63 |
| 28.0 | 1229 | 6.0 | | | 0.88 | 8.1 | | 8.7 | 8.9 | 96 | | 1.78 | 126 | | 19.77 | 13.01 | 14.63 |
| 28.0 | 1229 | 7.0 | | | 0.89 | 8.2 | | 8.7 | 8.9 | 95 | | 1.76 | 124 | | 19.77 | 13.02 | 14.63 |
| 28.0 | 1229 | 8.0 | | | 0.89 | 8.1 | | 8.6 | 8.8 | 95 | | 1.92 | 136 | | 19.77 | 12.93 | 14.64 |
| 28.0 | 1229 | 9.0 | | | 0.87 | 7.9 | | 8.6 | 8.8 | 94 | | 2.12 | 151 | | 19.79 | 12.83 | 14.68 |
| 28.0 | 1229 | 10.0 | | | 0.86 | 7.8 | | 8.6 | 8.8 | 94 | | 2.53 | 181 | | 19.85 | 12.76 | 14.73 |
| 28.0 | 1229 | 11.0 | | | 0.84 | 7.6 | | 8.6 | 8.8 | 94 | | 2.83 | 203 | | 19.94 | 12.76 | 14.80 |
| 28.0 | 1229 | 12.0 | | | 0.83 | 7.4 | | 8.6 | 8.8 | 94 | | 2.83 | 203 | | 19.94 | 12.75 | 14.80 |
| 28.0 | 1229 | 13.0 | | | 0.81 | 7.2 | | 8.6 | 8.8 | 94 | | 2.85 | 205 | | 19.95 | 12.75 | 14.81 |
| 28.0 | 1229 | 14.0 | | | 0.83 | 7.4 | | 8.6 | 8.8 | 94 | | 2.95 | 211 | | 19.95 | 12.75 | 14.81 |
| 28.0 | 1229 | 15.0 | | | 0.87 | 7.9 | | 8.6 | 8.8 | 94 | | 2.94 | 211 | | 19.96 | 12.75 | 14.82 |
| 28.0 | 1229 | 16.0 | | | 0.86 | 7.8 | | 8.6 | 8.8 | 94 | | 3.07 | 221 | | 19.96 | 12.74 | 14.82 |
| 27.0 | 1216 | 1.0 | | | 0.70 | 6.0 | | 8.5 | 8.7 | 94 | | 1.08 | 74 | 4.2 | 20.36 | 12.96 | 15.09 |
| 27.0 | 1216 | 2.0 | | 0.59 | 0.71 | 6.1 | 8.8 | 8.5 | 8.7 | 94 | 67.3 | 1.07 | 74 | | 20.36 | 12.93 | 15.10 |
| 27.0 | 1216 | 3.0 | | | 0.73 | 6.3 | | 8.5 | 8.7 | 94 | | 1.11 | 77 | | 20.37 | 12.90 | 15.11 |
| 27.0 | 1216 | 4.0 | | | 0.72 | 6.2 | | 8.5 | 8.7 | 94 | | 1.16 | 80 | | 20.37 | 12.91 | 15.10 |
| 27.0 | 1216 | 5.0 | | | 0.72 | 6.1 | | 8.5 | 8.7 | 94 | | 1.18 | 82 | | 20.37 | 12.88 | 15.11 |
| 27.0 | 1216 | 6.0 | | | 0.75 | 6.5 | | 8.5 | 8.7 | 94 | | 1.22 | 85 | | 20.39 | 12.85 | 15.13 |
| 27.0 | 1216 | 7.0 | | | 0.76 | 6.6 | | 8.5 | 8.7 | 94 | | 1.27 | 89 | | 20.39 | 12.85 | 15.13 |
| 27.0 | 1216 | 8.0 | | | 0.76 | 6.7 | | 8.5 | 8.7 | 94 | | 1.30 | 91 | | 20.41 | 12.83 | 15.15 |
| 27.0 | 1216 | 9.0 | | | 0.77 | 6.7 | | 8.5 | 8.7 | 94 | | 1.32 | 92 | | 20.41 | 12.83 | 15.15 |
| 27.0 | 1216 | 10.0 | | | 0.77 | 6.7 | | 8.5 | 8.8 | 94 | | 1.34 | 94 | | 20.41 | 12.83 | 15.15 |
| 27.0 | 1216 | 11.0 | | | 0.79 | 7.0 | | 8.5 | 8.8 | 94 | | 1.35 | 94 | | 20.41 | 12.84 | 15.15 |
| 27.0 | 1216 | 12.0 | | | 0.79 | 7.1 | | 8.5 | 8.8 | 94 | | 1.38 | 96 | | 20.41 | 12.84 | 15.15 |
| 27.0 | 1216 | 13.0 | | | 0.72 | 6.2 | | 8.5 | 8.8 | 94 | | 1.41 | 99 | | 20.41 | 12.84 | 15.15 |
| 27.0 | 1216 | 14.0 | | 0.52 | 0.71 | 6.1 | | 8.5 | 8.8 | 94 | | 1.44 | 101 | | 20.40 | 12.85 | 15.14 |
| 26.0 | 1203 | 1.0 | | | 0.43 | 2.9 | | 8.2 | 8.5 | 92 | | 1.03 | 71 | 4.4 | 21.08 | 12.85 | 15.66 |
| 26.0 | 1203 | 2.0 | | | 0.43 | 2.9 | | 8.2 | 8.5 | 92 | | 1.20 | 83 | | 21.09 | 12.79 | 15.68 |
| 26.0 | 1203 | 3.0 | | | 0.43 | 2.9 | | 8.2 | 8.5 | 92 | | 1.24 | 86 | | 21.09 | 12.75 | 15.69 |
| 26.0 | 1203 | 4.0 | | | 0.45 | 3.1 | | 8.2 | 8.5 | 92 | | 1.33 | 93 | | 21.10 | 12.75 | 15.70 |
| 26.0 | 1203 | 5.0 | | | 0.46 | 3.2 | | 8.2 | 8.5 | 92 | | 1.33 | 93 | | 21.11 | 12.75 | 15.70 |
| 26.0 | 1203 | 6.0 | | | 0.46 | 3.2 | | 8.2 | 8.5 | 92 | | 1.31 | 91 | | 21.11 | 12.76 | 15.70 |
| 26.0 | 1203 | 7.0 | | | 0.45 | 3.1 | | 8.2 | 8.5 | 92 | | 1.30 | 90 | | 21.11 | 12.75 | 15.70 |
| 26.0 | 1203 | 8.0 | | | 0.45 | 3.0 | | 8.2 | 8.5 | 92 | | 1.27 | 88 | | 21.11 | 12.75 | 15.70 |
| 26.0 | 1203 | 9.0 | | | 0.47 | 3.2 | | 8.2 | 8.5 | 92 | | 1.26 | 88 | | 21.11 | 12.76 | 15.70 |
| 26.0 | 1203 | 10.0 | | | 0.48 | 3.4 | | 8.2 | 8.5 | 92 | | 1.26 | 88 | | 21.11 | 12.76 | 15.70 |
| 26.0 | 1203 | 11.0 | | | 0.47 | 3.3 | | 8.2 | 8.5 | 92 | | 1.29 | 90 | | 21.10 | 12.77 | 15.69 |
| 25.0 | 1146 | 1.0 | | | 0.34 | 1.8 | | 7.8 | 8.2 | 89 | | 0.70 | 47 | 2.8 | 21.57 | 12.83 | 16.05 |
| 25.0 | 1146 | 2.0 | | | 0.34 | 1.8 | | 7.8 | 8.2 | 89 | | 0.82 | 56 | | 21.75 | 12.62 | 16.22 |
| 25.0 | 1146 | 3.0 | | | 0.34 | 1.8 | | 7.8 | 8.2 | 89 | | 0.93 | 64 | | 21.89 | 12.51 | 16.34 |

South San Francisco Bay

March 11, 1997

97070

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 25.0 | 1146 | 4.0 | | | 0.35 | 1.9 | | 7.8 | 8.3 | 89 | | 1.00 | 69 | | 21.95 | 12.45 | 16.40 |
| 25.0 | 1146 | 5.0 | | | 0.36 | 2.0 | | 7.8 | 8.3 | 89 | | 1.07 | 74 | | 21.95 | 12.45 | 16.41 |
| 25.0 | 1146 | 6.0 | | | 0.35 | 2.0 | | 7.8 | 8.3 | 89 | | 1.10 | 76 | | 21.95 | 12.44 | 16.41 |
| 25.0 | 1146 | 7.0 | | | 0.35 | 1.9 | | 7.8 | 8.3 | 89 | | 1.11 | 77 | | 21.96 | 12.44 | 16.41 |
| 25.0 | 1146 | 8.0 | | | 0.36 | 2.0 | | 7.8 | 8.3 | 89 | | 1.12 | 77 | | 21.97 | 12.43 | 16.42 |
| 25.0 | 1146 | 9.0 | | | 0.36 | 2.0 | | 7.9 | 8.3 | 90 | | 1.19 | 82 | | 21.97 | 12.44 | 16.42 |
| 24.0 | 1132 | 1.0 | | | 0.36 | 2.0 | | 7.9 | 8.3 | 91 | | 0.43 | 26 | 2.5 | 20.99 | 13.29 | 15.52 |
| 24.0 | 1132 | 2.0 | 2.3 | 0.49 | 0.37 | 2.1 | 8.3 | 7.6 | 8.1 | 88 | 48.5 | 0.45 | 29 | | 21.55 | 12.91 | 16.02 |
| 24.0 | 1132 | 3.0 | | | 0.36 | 1.9 | | 7.7 | 8.2 | 88 | | 0.57 | 37 | | 22.62 | 12.27 | 16.95 |
| 24.0 | 1132 | 4.0 | | | 0.36 | 1.9 | | 7.7 | 8.2 | 88 | | 0.81 | 54 | | 22.79 | 12.19 | 17.10 |
| 24.0 | 1132 | 5.0 | | | 0.36 | 2.0 | | 7.7 | 8.2 | 88 | | 1.21 | 84 | | 22.87 | 12.16 | 17.16 |
| 24.0 | 1132 | 6.0 | | | 0.37 | 2.1 | | 7.7 | 8.2 | 88 | | 1.46 | 102 | | 22.89 | 12.14 | 17.18 |
| 24.0 | 1132 | 7.0 | | | 0.37 | 2.1 | | 7.7 | 8.2 | 88 | | 1.64 | 115 | | 22.90 | 12.14 | 17.19 |
| 24.0 | 1132 | 8.0 | | | 0.37 | 2.1 | | 7.7 | 8.2 | 88 | | 1.70 | 120 | | 22.90 | 12.14 | 17.19 |
| 24.0 | 1132 | 9.0 | | | 0.38 | 2.2 | | 7.7 | 8.2 | 88 | | 1.75 | 124 | | 22.90 | 12.14 | 17.19 |
| 24.0 | 1132 | 10.0 | | | 0.40 | 2.4 | | 7.7 | 8.2 | 88 | | 1.79 | 127 | | 22.89 | 12.14 | 17.18 |
| 24.0 | 1132 | 11.0 | 1.4 | 0.24 | 0.40 | 2.4 | | 7.7 | 8.2 | 88 | | 1.80 | 128 | | 22.89 | 12.15 | 17.18 |
| 23.0 | 1115 | 1.0 | | | 0.32 | 1.5 | | 7.8 | 8.3 | 91 | | 0.32 | 19 | 2.0 | 21.04 | 13.46 | 15.53 |
| 23.0 | 1115 | 2.0 | | | 0.33 | 1.6 | | 7.8 | 8.3 | 89 | | 0.40 | 25 | | 21.99 | 12.74 | 16.39 |
| 23.0 | 1115 | 3.0 | | | 0.33 | 1.6 | | 7.7 | 8.2 | 89 | | 0.45 | 28 | | 22.42 | 12.45 | 16.77 |
| 23.0 | 1115 | 4.0 | | | 0.35 | 1.8 | | 7.7 | 8.2 | 88 | | 0.51 | 33 | | 22.89 | 12.24 | 17.17 |
| 23.0 | 1115 | 5.0 | | | 0.37 | 2.1 | | 7.7 | 8.2 | 88 | | 0.65 | 43 | | 23.21 | 12.13 | 17.43 |
| 23.0 | 1115 | 6.0 | | | 0.39 | 2.3 | | 7.7 | 8.2 | 88 | | 0.84 | 57 | | 23.40 | 12.07 | 17.59 |
| 23.0 | 1115 | 7.0 | | | 0.40 | 2.5 | | 7.7 | 8.2 | 88 | | 1.06 | 73 | | 23.52 | 12.03 | 17.68 |
| 23.0 | 1115 | 8.0 | | | 0.41 | 2.6 | | 7.7 | 8.2 | 88 | | 1.27 | 88 | | 23.58 | 12.01 | 17.74 |
| 23.0 | 1115 | 9.0 | | | 0.42 | 2.7 | | 7.7 | 8.2 | 88 | | 1.43 | 100 | | 23.60 | 12.00 | 17.76 |
| 23.0 | 1115 | 10.0 | | | 0.43 | 2.8 | | 7.7 | 8.2 | 88 | | 1.54 | 108 | | 23.62 | 12.00 | 17.77 |
| 23.0 | 1115 | 11.0 | | | 0.42 | 2.7 | | 7.7 | 8.2 | 88 | | 1.68 | 119 | | 23.62 | 12.00 | 17.77 |
| 23.0 | 1115 | 12.0 | | | 0.43 | 2.8 | | 7.7 | 8.2 | 89 | | 1.70 | 120 | | 23.64 | 11.99 | 17.79 |
| 23.0 | 1115 | 13.0 | | | 0.42 | 2.7 | | 7.7 | 8.2 | 89 | | 1.78 | 126 | | 23.65 | 11.99 | 17.79 |
| 23.0 | 1115 | 14.0 | | | 0.42 | 2.7 | | 7.7 | 8.2 | 89 | | 1.83 | 129 | | 23.65 | 11.99 | 17.79 |
| 23.0 | 1115 | 15.0 | | | 0.42 | 2.7 | | 7.8 | 8.2 | 89 | | 1.87 | 132 | | 23.65 | 11.99 | 17.79 |
| 22.0 | 1100 | 1.0 | | | 0.27 | 0.9 | | 7.6 | 8.1 | 87 | | 0.38 | 23 | 2.1 | 22.96 | 12.15 | 17.24 |
| 22.0 | 1100 | 2.0 | | | 0.28 | 1.1 | | 7.6 | 8.2 | 87 | | 0.45 | 28 | | 23.04 | 11.91 | 17.34 |
| 22.0 | 1100 | 3.0 | | | 0.29 | 1.2 | | 7.7 | 8.2 | 88 | | 0.57 | 37 | | 23.11 | 11.89 | 17.39 |
| 22.0 | 1100 | 4.0 | | | 0.29 | 1.2 | | 7.7 | 8.2 | 88 | | 0.61 | 40 | | 23.17 | 11.89 | 17.44 |
| 22.0 | 1100 | 5.0 | | | 0.29 | 1.2 | | 7.7 | 8.2 | 87 | | 0.64 | 42 | | 23.21 | 11.88 | 17.47 |
| 22.0 | 1100 | 6.0 | | | 0.30 | 1.3 | | 7.6 | 8.2 | 88 | | 0.70 | 47 | | 23.34 | 11.88 | 17.57 |
| 22.0 | 1100 | 7.0 | | | 0.31 | 1.4 | | 7.7 | 8.2 | 88 | | 0.77 | 51 | | 23.48 | 11.88 | 17.68 |
| 22.0 | 1100 | 8.0 | | | 0.32 | 1.5 | | 7.6 | 8.1 | 88 | | 0.83 | 56 | | 23.58 | 11.88 | 17.76 |

South San Francisco Bay

March 11, 1997

97070

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|-------------------------------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|----------------|------------|-------------|-----------|-------|-------|-------|
| 22.0 | 1100 | 9.0 | | | 0.33 | 1.6 | | 7.6 | 8.1 | 88 | | 0.92 | 63 | | 23.72 | 11.87 | 17.87 |
| 22.0 | 1100 | 10.0 | | | 0.35 | 1.9 | | 7.6 | 8.1 | 88 | | 0.98 | 67 | | 23.75 | 11.87 | 17.90 |
| 22.0 | 1100 | 11.0 | | | 0.36 | 2.0 | | 7.6 | 8.1 | 88 | | 1.05 | 72 | | 23.90 | 11.85 | 18.01 |
| 22.0 | 1100 | 12.0 | | | 0.36 | 2.0 | | 7.6 | 8.1 | 87 | | 1.20 | 83 | | 24.06 | 11.83 | 18.14 |
| 22.0 | 1100 | 13.0 | | | 0.36 | 2.0 | | 7.6 | 8.1 | 87 | | 1.23 | 85 | | 24.07 | 11.83 | 18.15 |
| 22.0 | 1100 | 14.0 | | | 0.36 | 2.0 | | 7.6 | 8.1 | 87 | | 1.26 | 87 | | 24.09 | 11.83 | 18.16 |
| 22.0 | 1100 | 15.0 | | | 0.37 | 2.1 | | 7.6 | 8.1 | 87 | | 1.33 | 93 | | 24.16 | 11.81 | 18.22 |
| 22.0 | 1100 | 16.0 | | | 0.38 | 2.2 | | 7.6 | 8.1 | 87 | | 1.56 | 110 | | 24.32 | 11.78 | 18.35 |
| 22.0 | 1100 | 17.0 | | | 0.39 | 2.4 | | 7.6 | 8.1 | 87 | | 1.61 | 113 | | 24.34 | 11.78 | 18.36 |
| 22.0 | 1100 | 18.0 | | | 0.39 | 2.4 | | 7.6 | 8.1 | 87 | | 1.62 | 114 | | 24.34 | 11.78 | 18.36 |
| 21.0 | 1043 | 1.0 | | | 0.34 | 1.7 | | 7.6 | 8.1 | 88 | | 0.63 | 41 | 2.8 | 23.55 | 12.06 | 17.71 |
| 21.0 | 1043 | 2.0 | 1.7 | 0.39 | 0.34 | 1.8 | 7.9 | 7.5 | 8.1 | 87 | 47.5 | 0.67 | 44 | | 23.67 | 12.00 | 17.81 |
| 21.0 | 1043 | 3.0 | | | 0.34 | 1.8 | | 7.5 | 8.1 | 87 | | 0.71 | 47 | | 24.26 | 11.82 | 18.29 |
| 21.0 | 1043 | 4.0 | | | 0.35 | 1.9 | | 7.5 | 8.1 | 87 | | 0.80 | 54 | | 24.34 | 11.79 | 18.36 |
| 21.0 | 1043 | 5.0 | | | 0.36 | 2.0 | | 7.5 | 8.1 | 87 | | 0.94 | 65 | | 24.38 | 11.78 | 18.40 |
| 21.0 | 1043 | 6.0 | | | 0.36 | 2.0 | | 7.5 | 8.1 | 87 | | 1.05 | 72 | | 24.41 | 11.77 | 18.42 |
| 21.0 | 1043 | 7.0 | | | 0.37 | 2.1 | | 7.5 | 8.1 | 87 | | 1.12 | 78 | | 24.45 | 11.77 | 18.45 |
| 21.0 | 1043 | 8.0 | | | 0.38 | 2.2 | | 7.5 | 8.1 | 87 | | 1.20 | 83 | | 24.44 | 11.77 | 18.44 |
| 21.0 | 1043 | 9.0 | | | 0.39 | 2.3 | | 7.5 | 8.1 | 87 | | 1.25 | 87 | | 24.45 | 11.77 | 18.45 |
| 21.0 | 1043 | 10.0 | | | 0.40 | 2.4 | | 7.5 | 8.1 | 87 | | 1.28 | 89 | | 24.46 | 11.77 | 18.46 |
| 21.0 | 1043 | 11.0 | | | 0.41 | 2.5 | | 7.5 | 8.1 | 87 | | 1.28 | 89 | | 24.48 | 11.77 | 18.47 |
| 21.0 | 1043 | 12.0 | | | 0.41 | 2.5 | | 7.5 | 8.1 | 87 | | 1.32 | 92 | | 24.51 | 11.77 | 18.50 |
| 21.0 | 1043 | 13.0 | | | 0.41 | 2.6 | | 7.5 | 8.1 | 87 | | 1.40 | 98 | | 24.54 | 11.77 | 18.52 |
| 21.0 | 1043 | 14.0 | | | 0.42 | 2.7 | | 7.5 | 8.1 | 87 | | 1.51 | 106 | | 24.58 | 11.76 | 18.55 |
| 21.0 | 1043 | 15.0 | | | 0.43 | 2.8 | | 7.5 | 8.1 | 87 | | 1.71 | 121 | | 24.63 | 11.75 | 18.59 |
| 21.0 | 1043 | 16.0 | | | 0.43 | 2.9 | | 7.5 | 8.1 | 87 | | 1.70 | 120 | | 24.64 | 11.75 | 18.60 |
| 21.0 | 1043 | 17.0 | 1.8 | 0.31 | 0.43 | 2.9 | | 7.5 | 8.1 | 87 | | 1.79 | 126 | | 24.65 | 11.75 | 18.61 |
| | | | | | | | | | | n | r ² | Slope | Inter. | Std. Err. | | | |
| Fluorometer Calibration: | | | | | | | | | | 12 | 0.994 | 11.657 | -2.205 | 1.136 | | | |
| OBS Calibration: | | | | | | | | | | 6 | 0.976 | 73.381 | -4.805 | 14.249 | | | |
| Dissolved Oxygen Calibration: | | | | | | | | | | 6 | 0.823 | 0.674 | 3.001 | 0.223 | | | |

Seabird v4.026

South San Francisco Bay

March 17, 1997

97076

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 36.0 | 0831 | 1.0 | | | 3.18 | 31.4 | | 8.7 | 9.3 | 99 | | 1.12 | 68 | | 16.63 | 13.66 | 12.10 |
| 36.0 | 0831 | 2.0 | 29.4 | 0.77 | 2.60 | 25.7 | 8.8 | 8.5 | 9.1 | 99 | 65.1 | 1.07 | 65 | | 18.96 | 13.54 | 13.91 |
| 36.0 | 0831 | 3.0 | | | 2.46 | 24.3 | | 8.5 | 9.1 | 98 | | 1.16 | 70 | | 19.08 | 13.53 | 14.01 |
| 36.0 | 0831 | 4.0 | | | 2.40 | 23.7 | | 8.5 | 9.1 | 98 | | 1.29 | 77 | | 19.19 | 13.52 | 14.09 |
| 36.0 | 0831 | 5.0 | | | 2.34 | 23.1 | | 8.4 | 9.1 | 98 | | 1.58 | 94 | | 19.29 | 13.51 | 14.17 |
| 36.0 | 0831 | 6.0 | 18.8 | 0.74 | 2.36 | 23.3 | | 8.5 | 9.1 | 98 | | 1.83 | 108 | | 19.33 | 13.50 | 14.21 |
| 35.0 | 0846 | 1.0 | | | 2.67 | 26.4 | | 9.1 | 9.6 | 102 | | 0.74 | 47 | 4.6 | 16.96 | 13.37 | 12.40 |
| 35.0 | 0846 | 2.0 | | | 2.55 | 25.2 | | 8.8 | 9.4 | 101 | | 0.69 | 44 | | 17.92 | 13.51 | 13.12 |
| 35.0 | 0846 | 3.0 | | | 2.44 | 24.1 | | 8.6 | 9.2 | 99 | | 0.68 | 43 | | 18.47 | 13.60 | 13.53 |
| 35.0 | 0846 | 4.0 | | | 2.18 | 21.6 | | 8.5 | 9.1 | 99 | | 0.70 | 44 | | 18.81 | 13.56 | 13.79 |
| 35.0 | 0846 | 5.0 | | | 1.78 | 17.6 | | 8.5 | 9.1 | 98 | | 0.80 | 50 | | 19.32 | 13.49 | 14.20 |
| 35.0 | 0846 | 6.0 | | | 1.43 | 14.1 | | 8.5 | 9.1 | 98 | | 0.85 | 53 | | 19.57 | 13.46 | 14.39 |
| 35.0 | 0846 | 7.0 | | | 1.22 | 12.1 | | 8.4 | 9.0 | 98 | | 0.79 | 50 | | 19.70 | 13.43 | 14.50 |
| 35.0 | 0846 | 8.0 | | | 1.21 | 12.0 | | 8.4 | 9.0 | 98 | | 0.77 | 48 | | 19.79 | 13.42 | 14.57 |
| 35.0 | 0846 | 9.0 | | | 1.25 | 12.4 | | 8.4 | 9.0 | 98 | | 0.76 | 48 | | 19.85 | 13.40 | 14.62 |
| 34.0 | 0856 | 1.0 | | | 2.10 | 20.8 | | 8.8 | 9.4 | 101 | | 0.65 | 42 | 3.6 | 17.88 | 13.65 | 13.06 |
| 34.0 | 0856 | 2.0 | | | 1.74 | 17.3 | | 8.6 | 9.2 | 100 | | 0.65 | 41 | | 18.92 | 13.55 | 13.88 |
| 34.0 | 0856 | 3.0 | | | 1.46 | 14.4 | | 8.6 | 9.2 | 99 | | 0.63 | 40 | | 19.22 | 13.50 | 14.12 |
| 34.0 | 0856 | 4.0 | | | 1.33 | 13.2 | | 8.5 | 9.1 | 99 | | 0.58 | 38 | | 19.45 | 13.46 | 14.30 |
| 34.0 | 0856 | 5.0 | | | 1.44 | 14.3 | | 8.5 | 9.1 | 99 | | 0.57 | 37 | | 19.69 | 13.43 | 14.49 |
| 34.0 | 0856 | 6.0 | | | 1.81 | 17.9 | | 8.5 | 9.1 | 98 | | 0.62 | 40 | | 19.77 | 13.42 | 14.56 |
| 34.0 | 0856 | 7.0 | | | 1.83 | 18.1 | | 8.4 | 9.0 | 98 | | 0.80 | 50 | | 19.84 | 13.41 | 14.62 |
| 33.0 | 0910 | 1.0 | | | 3.06 | 30.2 | | 9.5 | 10.0 | 107 | | 0.70 | 44 | 3.7 | 16.96 | 13.85 | 12.32 |
| 33.0 | 0910 | 2.0 | | | 2.88 | 28.5 | | 9.2 | 9.7 | 104 | | 0.67 | 43 | | 17.02 | 13.85 | 12.37 |
| 33.0 | 0910 | 3.0 | | | 1.94 | 19.2 | | 8.8 | 9.3 | 101 | | 0.64 | 41 | | 18.78 | 13.53 | 13.77 |
| 33.0 | 0910 | 4.0 | | | 1.13 | 11.3 | | 8.6 | 9.2 | 100 | | 0.56 | 36 | | 20.07 | 13.34 | 14.80 |
| 33.0 | 0910 | 5.0 | | | 0.86 | 8.6 | | 8.6 | 9.2 | 100 | | 0.49 | 32 | | 20.25 | 13.31 | 14.94 |
| 33.0 | 0910 | 6.0 | | | 0.84 | 8.3 | | 8.5 | 9.1 | 99 | | 0.47 | 31 | | 20.35 | 13.30 | 15.03 |
| 33.0 | 0910 | 7.0 | | | 0.89 | 8.8 | | 8.5 | 9.1 | 99 | | 0.53 | 35 | | 20.53 | 13.27 | 15.17 |
| 33.0 | 0910 | 8.0 | | | 0.87 | 8.6 | | 8.5 | 9.1 | 99 | | 0.63 | 40 | | 20.58 | 13.26 | 15.21 |
| 33.0 | 0910 | 9.0 | | | 0.84 | 8.4 | | 8.5 | 9.1 | 99 | | 0.68 | 43 | | 20.78 | 13.22 | 15.37 |
| 33.0 | 0910 | 10.0 | | | 0.86 | 8.6 | | 8.5 | 9.1 | 99 | | 0.75 | 47 | | 20.91 | 13.19 | 15.47 |
| 33.0 | 0910 | 11.0 | | | 0.86 | 8.5 | | 8.5 | 9.1 | 99 | | 0.95 | 53 | | 20.93 | 13.18 | 15.49 |
| 33.0 | 0910 | 12.0 | | | 0.85 | 8.4 | | 8.4 | 9.1 | 98 | | 0.85 | 58 | | 20.95 | 13.18 | 15.51 |
| 33.0 | 0910 | 13.0 | | | 0.85 | 8.5 | | 8.5 | 9.1 | 99 | | 0.94 | 58 | | 20.98 | 13.17 | 15.53 |
| 32.0 | 0926 | 1.0 | | | 0.84 | 8.4 | | 8.7 | 9.3 | 101 | | 0.35 | 24 | 2.0 | 19.33 | 13.54 | 14.20 |
| 32.0 | 0926 | 2.0 | 7.3 | 0.78 | 0.73 | 7.2 | 8.8 | 8.6 | 9.2 | 100 | 23.5 | 0.34 | 24 | | 20.09 | 13.34 | 14.82 |
| 32.0 | 0926 | 3.0 | | | 0.58 | 5.8 | | 8.6 | 9.2 | 100 | | 0.32 | 23 | | 20.79 | 13.21 | 15.38 |
| 32.0 | 0926 | 4.0 | | | 0.53 | 5.3 | | 8.6 | 9.1 | 99 | | 0.30 | 21 | | 20.92 | 13.18 | 15.48 |

South San Francisco Bay March 17, 1997 97076

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 32.0 | 0926 | 5.0 | | | 0.51 | 5.1 | | 8.5 | 9.1 | 99 | | 0.31 | 22 | | 20.97 | 13.17 | 15.53 |
| 32.0 | 0926 | 6.0 | | | 0.52 | 5.2 | | 8.5 | 9.1 | 99 | | 0.33 | 23 | | 21.03 | 13.15 | 15.58 |
| 32.0 | 0926 | 7.0 | | | 0.55 | 5.5 | | 8.5 | 9.1 | 99 | | 0.35 | 24 | | 21.05 | 13.15 | 15.59 |
| 32.0 | 0926 | 8.0 | | | 0.55 | 5.5 | | 8.5 | 9.1 | 99 | | 0.36 | 25 | | 21.07 | 13.14 | 15.61 |
| 32.0 | 0926 | 9.0 | | | 0.52 | 5.2 | | 8.5 | 9.1 | 99 | | 0.37 | 26 | | 21.10 | 13.14 | 15.63 |
| 32.0 | 0926 | 10.0 | | | 0.50 | 5.0 | | 8.5 | 9.1 | 99 | | 0.37 | 26 | | 21.16 | 13.12 | 15.68 |
| 32.0 | 0926 | 11.0 | | | 0.56 | 5.6 | | 8.5 | 9.1 | 99 | | 0.35 | 25 | | 21.24 | 13.10 | 15.74 |
| 32.0 | 0926 | 12.0 | 6.3 | 0.64 | 0.58 | 5.8 | | 8.5 | 9.1 | 99 | | 0.34 | 24 | | 21.34 | 13.08 | 15.83 |
| 31.0 | 0937 | 1.0 | | | 1.20 | 12.0 | | 8.8 | 9.3 | 101 | | 0.36 | 25 | 2.2 | 18.66 | 13.52 | 13.69 |
| 31.0 | 0937 | 2.0 | | | 1.16 | 11.5 | | 8.6 | 9.2 | 99 | | 0.36 | 25 | | 19.01 | 13.49 | 13.96 |
| 31.0 | 0937 | 3.0 | | | 0.96 | 9.6 | | 8.5 | 9.1 | 98 | | 0.35 | 25 | | 20.02 | 13.32 | 14.77 |
| 31.0 | 0937 | 4.0 | | | 0.75 | 7.5 | | 8.4 | 9.0 | 98 | | 0.34 | 24 | | 20.78 | 13.20 | 15.38 |
| 31.0 | 0937 | 5.0 | | | 0.56 | 5.6 | | 8.4 | 9.0 | 98 | | 0.32 | 23 | | 21.08 | 13.15 | 15.61 |
| 31.0 | 0937 | 6.0 | | | 0.45 | 4.5 | | 8.4 | 9.0 | 98 | | 0.28 | 20 | | 21.30 | 13.09 | 15.79 |
| 31.0 | 0937 | 7.0 | | | 0.39 | 3.9 | | 8.4 | 9.0 | 98 | | 0.25 | 19 | | 21.39 | 13.06 | 15.86 |
| 31.0 | 0937 | 8.0 | | | 0.38 | 3.8 | | 8.4 | 9.0 | 98 | | 0.24 | 18 | | 21.43 | 13.05 | 15.90 |
| 31.0 | 0937 | 9.0 | | | 0.42 | 4.2 | | 8.4 | 9.0 | 98 | | 0.24 | 18 | | 21.45 | 13.05 | 15.91 |
| 31.0 | 0937 | 10.0 | | | 0.43 | 4.3 | | 8.4 | 9.0 | 98 | | 0.26 | 19 | | 21.46 | 13.04 | 15.93 |
| 31.0 | 0937 | 11.0 | | | 0.43 | 4.3 | | 8.4 | 9.0 | 98 | | 0.26 | 19 | | 21.48 | 13.04 | 15.94 |
| 31.0 | 0937 | 12.0 | | | 0.46 | 4.6 | | 8.4 | 9.0 | 98 | | 0.28 | 20 | | 21.50 | 13.03 | 15.96 |
| 31.0 | 0937 | 13.0 | | | 0.52 | 5.2 | | 8.4 | 9.0 | 98 | | 0.33 | 23 | | 21.53 | 13.02 | 15.98 |
| 31.0 | 0937 | 14.0 | | | 0.53 | 5.3 | | 8.4 | 9.0 | 98 | | 0.39 | 27 | | 21.53 | 13.02 | 15.98 |
| 30.0 | 0955 | 1.0 | | | 1.65 | 16.3 | | 9.4 | 9.9 | 107 | | 0.36 | 25 | 1.9 | 18.86 | 13.49 | 13.84 |
| 30.0 | 0955 | 2.0 | 16.3 | 0.83 | 1.68 | 16.6 | 9.9 | 9.4 | 9.9 | 107 | 22.8 | 0.32 | 23 | | 18.85 | 13.49 | 13.84 |
| 30.0 | 0955 | 3.0 | | | 1.69 | 16.7 | | 9.4 | 9.9 | 107 | | 0.31 | 22 | | 18.76 | 13.54 | 13.76 |
| 30.0 | 0955 | 4.0 | | | 1.54 | 15.2 | | 9.3 | 9.7 | 105 | | 0.31 | 23 | | 18.79 | 13.53 | 13.78 |
| 30.0 | 0955 | 5.0 | | | 1.09 | 10.8 | | 8.9 | 9.4 | 102 | | 0.31 | 22 | | 19.48 | 13.39 | 14.34 |
| 30.0 | 0955 | 6.0 | | | 0.66 | 6.6 | | 8.6 | 9.2 | 100 | | 0.29 | 21 | | 21.37 | 13.06 | 15.85 |
| 30.0 | 0955 | 7.0 | | | 0.48 | 4.8 | | 8.5 | 9.1 | 99 | | 0.25 | 19 | | 21.72 | 12.96 | 16.14 |
| 30.0 | 0955 | 8.0 | | | 0.41 | 4.1 | | 8.5 | 9.1 | 99 | | 0.21 | 17 | | 21.81 | 12.93 | 16.21 |
| 30.0 | 0955 | 9.0 | | | 0.39 | 3.9 | | 8.5 | 9.1 | 99 | | 0.19 | 16 | | 21.84 | 12.91 | 16.24 |
| 30.0 | 0955 | 10.0 | | | 0.37 | 3.7 | | 8.5 | 9.1 | 99 | | 0.17 | 15 | | 21.92 | 12.88 | 16.31 |
| 30.0 | 0955 | 11.0 | | | 0.38 | 3.9 | | 8.4 | 9.0 | 98 | | 0.17 | 14 | | 22.18 | 12.78 | 16.53 |
| 30.0 | 0955 | 12.0 | | | 0.44 | 4.4 | | 8.4 | 9.0 | 98 | | 0.20 | 16 | | 22.40 | 12.70 | 16.71 |
| 30.0 | 0955 | 13.0 | | | 0.53 | 5.3 | | 8.4 | 9.0 | 97 | | 0.25 | 19 | | 22.53 | 12.65 | 16.82 |
| 30.0 | 0955 | 14.0 | | | 0.66 | 6.6 | | 8.4 | 9.0 | 97 | | 0.47 | 31 | | 22.59 | 12.63 | 16.87 |
| 30.0 | 0955 | 15.0 | 4.3 | 0.62 | 0.66 | 6.6 | | 8.4 | 9.0 | 98 | | 0.67 | 43 | | 22.63 | 12.63 | 16.90 |
| 29.5 | 1009 | 1.0 | | | 1.12 | 11.2 | | 9.0 | 9.6 | 104 | | 0.25 | 19 | 1.6 | 19.60 | 13.39 | 14.43 |
| 29.5 | 1009 | 2.0 | | | 1.10 | 10.9 | | 9.0 | 9.5 | 103 | | 0.23 | 18 | | 19.72 | 13.33 | 14.53 |
| 29.5 | 1009 | 3.0 | | | 0.84 | 8.3 | | 8.6 | 9.2 | 100 | | 0.23 | 18 | | 20.06 | 13.27 | 14.81 |

South San Francisco Bay

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| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------------|-------------|-------|-------|-------|-------|
| 29.5 | 1009 | 4.0 | | | 0.57 | 5.7 | | 8.4 | 9.0 | 98 | | 0.19 | 16 | | 21.55 | 12.96 | 16.01 |
| 29.5 | 1009 | 5.0 | | | 0.47 | 4.7 | | 8.3 | 8.9 | 97 | | 0.18 | 15 | | 21.93 | 12.87 | 16.32 |
| 29.5 | 1009 | 6.0 | | | 0.49 | 4.9 | | 8.3 | 8.9 | 97 | | 0.21 | 16 | | 21.98 | 12.86 | 16.36 |
| 29.5 | 1009 | 7.0 | | | 0.50 | 5.0 | | 8.3 | 8.9 | 97 | | 0.23 | 18 | | 22.01 | 12.85 | 16.38 |
| 29.5 | 1009 | 8.0 | | | 0.45 | 4.5 | | 8.2 | 8.9 | 96 | | 0.24 | 18 | | 22.13 | 12.80 | 16.48 |
| 29.5 | 1009 | 9.0 | | | 0.42 | 4.2 | | 8.2 | 8.9 | 96 | | 0.23 | 18 | | 22.38 | 12.71 | 16.69 |
| 29.5 | 1009 | 10.0 | | | 0.40 | 4.0 | | 8.2 | 8.9 | 96 | | 0.21 | 16 | | 22.48 | 12.67 | 16.78 |
| 29.5 | 1009 | 11.0 | | | 0.42 | 4.2 | | 8.2 | 8.8 | 96 | | 0.17 | 15 | | 22.54 | 12.65 | 16.82 |
| 29.5 | 1009 | 12.0 | | | 0.43 | 4.3 | | 8.1 | 8.8 | 95 | | 0.16 | 14 | | 22.67 | 12.60 | 16.93 |
| 29.5 | 1009 | 13.0 | | | 0.45 | 4.5 | | 8.1 | 8.7 | 95 | | 0.18 | 15 | | 22.96 | 12.49 | 17.18 |
| 29.5 | 1009 | 14.0 | | | 0.51 | 5.1 | | 8.1 | 8.7 | 95 | | 0.28 | 21 | | 23.11 | 12.44 | 17.30 |
| 29.5 | 1009 | 15.0 | | | 0.51 | 5.1 | | 8.1 | 8.8 | 95 | | 0.40 | 27 | | 23.16 | 12.43 | 17.34 |
| 29.0 | 1022 | 1.0 | | | 1.66 | 16.4 | | 9.7 | 10.2 | 111 | | 0.35 | 24 | 2.0 | 19.25 | 13.97 | 14.06 |
| 29.0 | 1022 | 2.0 | | | 1.59 | 15.7 | | 9.2 | 9.7 | 106 | | 0.33 | 23 | | 19.24 | 13.90 | 14.06 |
| 29.0 | 1022 | 3.0 | | | 1.12 | 11.2 | | 9.1 | 9.6 | 104 | | 0.33 | 23 | | 19.96 | 13.26 | 14.73 |
| 29.0 | 1022 | 4.0 | | | 0.70 | 7.0 | | 8.8 | 9.4 | 102 | | 0.24 | 18 | | 20.42 | 13.21 | 15.09 |
| 29.0 | 1022 | 5.0 | | | 0.54 | 5.4 | | 8.6 | 9.2 | 100 | | 0.16 | 14 | | 21.10 | 13.07 | 15.64 |
| 29.0 | 1022 | 6.0 | | | 0.50 | 5.0 | | 8.6 | 9.1 | 99 | | 0.16 | 14 | | 21.59 | 12.93 | 16.04 |
| 29.0 | 1022 | 7.0 | | | 0.66 | 6.6 | | 8.5 | 9.1 | 99 | | 0.16 | 13 | | 22.07 | 12.81 | 16.44 |
| 29.0 | 1022 | 8.0 | | | 0.43 | 4.3 | | 8.4 | 9.0 | 98 | | 0.16 | 14 | | 22.41 | 12.69 | 16.72 |
| 29.0 | 1022 | 9.0 | | | 0.43 | 4.3 | | 8.3 | 8.9 | 97 | | 0.17 | 14 | | 22.72 | 12.59 | 16.98 |
| 29.0 | 1022 | 10.0 | | | 0.43 | 4.3 | | 8.3 | 8.9 | 97 | | 0.18 | 15 | | 22.95 | 12.50 | 17.17 |
| 29.0 | 1022 | 11.0 | | | 0.44 | 4.4 | | 8.2 | 8.9 | 96 | | 0.19 | 15 | | 23.15 | 12.44 | 17.34 |
| 29.0 | 1022 | 12.0 | | | 0.44 | 4.4 | | 8.2 | 8.8 | 96 | | 0.19 | 16 | | 23.33 | 12.37 | 17.49 |
| 29.0 | 1022 | 13.0 | | | 0.47 | 4.7 | | 8.2 | 8.8 | 96 | | 0.23 | 18 | | 23.39 | 12.35 | 17.53 |
| 29.0 | 1022 | 14.0 | | | 0.48 | 4.8 | | 8.2 | 8.8 | 96 | | 0.33 | 23 | | 23.45 | 12.33 | 17.58 |
| 29.0 | 1022 | 15.0 | | | 0.46 | 4.6 | | 8.2 | 8.9 | 96 | | 0.49 | 32 | | 23.47 | 12.32 | 17.60 |
| 28.0 | 1037 | 1.0 | | | 0.80 | 7.9 | | 9.1 | 9.6 | 104 | | 0.14 | 13 | 1.2 | 20.09 | 13.33 | 14.82 |
| 28.0 | 1037 | 2.0 | | | 0.84 | 8.4 | | 9.1 | 9.6 | 105 | | 0.14 | 13 | | 20.23 | 13.19 | 14.95 |
| 28.0 | 1037 | 3.0 | | | 0.78 | 7.7 | | 8.9 | 9.5 | 103 | | 0.14 | 12 | | 20.68 | 13.15 | 15.31 |
| 28.0 | 1037 | 4.0 | | | 0.57 | 5.7 | | 8.7 | 9.3 | 101 | | 0.13 | 12 | | 21.44 | 13.00 | 15.92 |
| 28.0 | 1037 | 5.0 | | | 0.53 | 5.3 | | 8.7 | 9.2 | 100 | | 0.12 | 11 | | 21.95 | 12.89 | 16.33 |
| 28.0 | 1037 | 6.0 | | | 0.55 | 5.5 | | 8.7 | 9.3 | 101 | | 0.12 | 12 | | 22.25 | 12.83 | 16.57 |
| 28.0 | 1037 | 7.0 | | | 0.57 | 5.7 | | 8.6 | 9.2 | 100 | | 0.12 | 12 | | 22.36 | 12.81 | 16.66 |
| 28.0 | 1037 | 8.0 | | | 0.54 | 5.4 | | 8.4 | 9.1 | 98 | | 0.12 | 12 | | 22.58 | 12.71 | 16.85 |
| 28.0 | 1037 | 9.0 | | | 0.47 | 4.7 | | 8.3 | 9.0 | 97 | | 0.13 | 12 | | 23.08 | 12.51 | 17.26 |
| 28.0 | 1037 | 10.0 | | | 0.42 | 4.2 | | 8.2 | 8.9 | 96 | | 0.14 | 12 | | 23.36 | 12.39 | 17.50 |
| 28.0 | 1037 | 11.0 | | | 0.37 | 3.8 | | 8.2 | 8.8 | 96 | | 0.14 | 13 | | 23.66 | 12.28 | 17.75 |
| 28.0 | 1037 | 12.0 | | | 0.38 | 3.8 | | 8.2 | 8.8 | 96 | | 0.14 | 12 | | 23.70 | 12.26 | 17.79 |
| 28.0 | 1037 | 13.0 | | | 0.39 | 3.9 | | 8.1 | 8.8 | 95 | | 0.13 | 12 | | 23.72 | 12.26 | 17.80 |
| 28.0 | 1037 | 14.0 | | | 0.41 | 4.1 | | 8.0 | 8.7 | 94 | | 0.14 | 13 | | 24.00 | 12.15 | 18.03 |

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| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------------|-------------|-------|-------|-------|-------|
| 28.0 | 1037 | 15.0 | | | 0.41 | 4.1 | | 8.0 | 8.7 | 94 | | 0.34 | 24 | | 24.31 | 12.05 | 18.30 |
| 27.0 | 1050 | 1.0 | | | 0.45 | 4.5 | | 8.9 | 9.4 | 103 | | 0.09 | 10 | 1.1 | 20.79 | 13.40 | 15.35 |
| 27.0 | 1050 | 2.0 | | 5.8 | 0.77 | 4.8 | 9.4 | 8.7 | 9.3 | 101 | 9.5 | 0.10 | 11 | | 20.97 | 13.23 | 15.51 |
| 27.0 | 1050 | 3.0 | | | 0.56 | 5.6 | | 8.7 | 9.2 | 100 | | 0.11 | 11 | | 21.46 | 13.02 | 15.93 |
| 27.0 | 1050 | 4.0 | | | 0.66 | 6.5 | | 8.4 | 9.0 | 98 | | 0.11 | 11 | | 21.99 | 12.91 | 16.35 |
| 27.0 | 1050 | 5.0 | | | 0.56 | 5.6 | | 8.2 | 8.8 | 96 | | 0.11 | 11 | | 22.98 | 12.54 | 17.19 |
| 27.0 | 1050 | 6.0 | | | 0.39 | 3.9 | | 8.0 | 8.7 | 94 | | 0.11 | 11 | | 23.71 | 12.25 | 17.80 |
| 27.0 | 1050 | 7.0 | | | 0.30 | 3.1 | | 8.0 | 8.7 | 94 | | 0.11 | 11 | | 23.98 | 12.14 | 18.03 |
| 27.0 | 1050 | 8.0 | | | 0.28 | 2.8 | | 8.0 | 8.7 | 94 | | 0.11 | 11 | | 24.01 | 12.13 | 18.05 |
| 27.0 | 1050 | 9.0 | | | 0.28 | 2.8 | | 8.0 | 8.6 | 94 | | 0.10 | 10 | | 24.05 | 12.11 | 18.08 |
| 27.0 | 1050 | 10.0 | | | 0.31 | 3.1 | | 7.9 | 8.6 | 93 | | 0.11 | 11 | | 24.26 | 12.04 | 18.26 |
| 27.0 | 1050 | 11.0 | | | 0.31 | 3.1 | | 7.8 | 8.5 | 93 | | 0.17 | 14 | | 24.56 | 11.95 | 18.50 |
| 27.0 | 1050 | 12.0 | 2.3 | 0.50 | 0.30 | 3.0 | | 8.0 | 8.6 | 94 | | 0.33 | 23 | | 24.61 | 11.94 | 18.54 |
| 26.0 | 1103 | 1.0 | | | 0.79 | 7.9 | | 9.1 | 9.6 | 104 | | 0.13 | 12 | 1.2 | 21.10 | 13.19 | 15.62 |
| 26.0 | 1103 | 2.0 | | | 0.82 | 8.1 | | 9.0 | 9.5 | 103 | | 0.13 | 12 | | 21.16 | 13.14 | 15.68 |
| 26.0 | 1103 | 3.0 | | | 0.81 | 8.0 | | 8.7 | 9.3 | 101 | | 0.13 | 12 | | 21.58 | 13.06 | 16.01 |
| 26.0 | 1103 | 4.0 | | | 0.87 | 8.6 | | 8.6 | 9.1 | 100 | | 0.12 | 11 | | 22.13 | 12.85 | 16.47 |
| 26.0 | 1103 | 5.0 | | | 0.97 | 9.7 | | 8.5 | 9.1 | 99 | | 0.12 | 12 | | 22.64 | 12.69 | 16.89 |
| 26.0 | 1103 | 6.0 | | | 0.87 | 8.6 | | 8.3 | 8.9 | 97 | | 0.12 | 12 | | 23.09 | 12.54 | 17.27 |
| 26.0 | 1103 | 7.0 | | | 0.58 | 5.8 | | 8.0 | 8.7 | 94 | | 0.12 | 11 | | 23.74 | 12.24 | 17.83 |
| 26.0 | 1103 | 8.0 | | | 0.36 | 3.6 | | 7.9 | 8.6 | 93 | | 0.10 | 10 | | 24.22 | 12.04 | 18.23 |
| 26.0 | 1103 | 9.0 | | | 0.31 | 3.2 | | 7.9 | 8.5 | 93 | | 0.10 | 10 | | 24.63 | 11.90 | 18.57 |
| 26.0 | 1103 | 10.0 | | | 0.34 | 3.4 | | 8.0 | 8.7 | 94 | | 0.12 | 12 | | 24.79 | 11.86 | 18.70 |
| 25.0 | 1119 | 1.0 | | | 1.15 | 11.5 | | 9.2 | 9.7 | 106 | | 0.11 | 11 | 1.3 | 21.21 | 13.35 | 15.68 |
| 25.0 | 1119 | 2.0 | | | 1.39 | 13.8 | | 9.2 | 9.7 | 106 | | 0.10 | 11 | | 21.52 | 13.18 | 15.94 |
| 25.0 | 1119 | 3.0 | | | 1.31 | 13.0 | | 8.9 | 9.4 | 103 | | 0.11 | 11 | | 22.24 | 12.89 | 16.55 |
| 25.0 | 1119 | 4.0 | | | 0.85 | 8.4 | | 8.3 | 8.9 | 97 | | 0.12 | 11 | | 23.47 | 12.35 | 17.59 |
| 25.0 | 1119 | 5.0 | | | 0.46 | 4.6 | | 8.0 | 8.7 | 94 | | 0.11 | 11 | | 24.31 | 12.00 | 18.30 |
| 25.0 | 1119 | 6.0 | | | 0.30 | 3.0 | | 7.9 | 8.6 | 93 | | 0.09 | 10 | | 24.54 | 11.92 | 18.49 |
| 25.0 | 1119 | 7.0 | | | 0.29 | 2.9 | | 7.9 | 8.6 | 93 | | 0.09 | 10 | | 24.62 | 11.89 | 18.56 |
| 25.0 | 1119 | 8.0 | | | 0.31 | 3.1 | | 8.1 | 8.8 | 95 | | 0.12 | 11 | | 24.64 | 11.88 | 18.58 |
| 24.0 | 1132 | 1.0 | | | 0.82 | 8.2 | | 8.9 | 9.4 | 104 | | 0.09 | 10 | 1.1 | 21.36 | 13.72 | 15.73 |
| 24.0 | 1132 | 2.0 | 10.9 | 0.92 | 0.89 | 8.8 | 9.7 | 8.6 | 9.2 | 101 | 9.2 | 0.09 | 10 | | 22.57 | 12.93 | 16.80 |
| 24.0 | 1132 | 3.0 | | | 0.69 | 6.9 | | 8.2 | 8.8 | 96 | | 0.09 | 10 | | 23.53 | 12.40 | 17.63 |
| 24.0 | 1132 | 4.0 | | | 0.49 | 4.9 | | 7.9 | 8.6 | 93 | | 0.10 | 10 | | 24.47 | 11.98 | 18.43 |
| 24.0 | 1132 | 5.0 | | | 0.32 | 3.2 | | 7.8 | 8.5 | 92 | | 0.12 | 11 | | 24.78 | 11.82 | 18.70 |
| 24.0 | 1132 | 6.0 | | | 0.28 | 2.8 | | 7.8 | 8.5 | 92 | | 0.16 | 14 | | 24.94 | 11.76 | 18.84 |
| 24.0 | 1132 | 7.0 | | | 0.27 | 2.7 | | 7.8 | 8.5 | 92 | | 0.19 | 15 | | 25.00 | 11.74 | 18.88 |
| 24.0 | 1132 | 8.0 | | | 0.26 | 2.6 | | 7.8 | 8.5 | 92 | | 0.20 | 16 | | 25.01 | 11.74 | 18.89 |

South San Francisco Bay

March 17, 1997

97076

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------------|-------------|-------|-------|-------|-------|
| 24.0 | 1132 | 9.0 | | | 0.26 | 2.6 | | 7.8 | 8.5 | 92 | | 0.22 | 17 | | 25.04 | 11.72 | 18.92 |
| 24.0 | 1132 | 10.0 | 1.6 | 0.69 | 0.26 | 2.6 | | 7.9 | 8.5 | 92 | | 0.22 | 17 | | 25.04 | 11.73 | 18.92 |
| 23.0 | 1146 | 1.0 | | | 2.80 | 27.7 | | 11.6 | 11.8 | 130 | | 0.12 | 11 | 1.3 | 21.39 | 13.70 | 15.75 |
| 23.0 | 1146 | 2.0 | | | 2.81 | 27.8 | | 10.7 | 11.0 | 120 | | 0.11 | 11 | | 21.58 | 13.29 | 15.98 |
| 23.0 | 1146 | 3.0 | | | 1.92 | 19.0 | | 9.9 | 10.3 | 112 | | 0.12 | 11 | | 21.87 | 12.92 | 16.26 |
| 23.0 | 1146 | 4.0 | | | 1.01 | 10.1 | | 9.3 | 9.8 | 106 | | 0.11 | 11 | | 22.28 | 12.77 | 16.60 |
| 23.0 | 1146 | 5.0 | | | 0.59 | 5.9 | | 8.8 | 9.4 | 102 | | 0.11 | 11 | | 23.29 | 12.35 | 17.45 |
| 23.0 | 1146 | 6.0 | | | 0.37 | 3.7 | | 8.7 | 9.3 | 101 | | 0.10 | 11 | | 24.23 | 11.97 | 18.25 |
| 23.0 | 1146 | 7.0 | | | 0.28 | 2.8 | | 8.7 | 9.3 | 100 | | 0.10 | 10 | | 24.44 | 11.90 | 18.42 |
| 23.0 | 1146 | 8.0 | | | 0.26 | 2.7 | | 8.6 | 9.2 | 99 | | 0.09 | 10 | | 24.51 | 11.89 | 18.48 |
| 23.0 | 1146 | 9.0 | | | 0.26 | 2.6 | | 8.5 | 9.1 | 99 | | 0.08 | 9 | | 24.72 | 11.83 | 18.65 |
| 23.0 | 1146 | 10.0 | | | 0.24 | 2.5 | | 8.4 | 9.0 | 97 | | 0.09 | 10 | | 24.94 | 11.76 | 18.83 |
| 23.0 | 1146 | 11.0 | | | 0.24 | 2.5 | | 8.3 | 8.9 | 97 | | 0.11 | 11 | | 25.35 | 11.62 | 19.18 |
| 23.0 | 1146 | 12.0 | | | 0.25 | 2.6 | | 8.3 | 8.9 | 96 | | 0.16 | 14 | | 25.55 | 11.57 | 19.33 |
| 23.0 | 1146 | 13.0 | | | 0.26 | 2.7 | | 8.2 | 8.8 | 96 | | 0.21 | 17 | | 25.56 | 11.57 | 19.34 |
| 23.0 | 1146 | 14.0 | | | 0.29 | 2.9 | | 8.1 | 8.8 | 95 | | 0.25 | 19 | | 25.88 | 11.46 | 19.61 |
| 23.0 | 1146 | 15.0 | | | 0.30 | 3.0 | | 8.1 | 8.8 | 95 | | 0.34 | 24 | | 26.13 | 11.39 | 19.82 |
| 22.0 | 1204 | 1.0 | | | 0.30 | 3.0 | | 8.2 | 8.8 | 97 | | 0.06 | 8 | 0.9 | 22.46 | 13.00 | 16.70 |
| 22.0 | 1204 | 2.0 | | | 0.30 | 3.1 | | 8.2 | 8.8 | 96 | | 0.07 | 9 | | 22.95 | 12.65 | 17.15 |
| 22.0 | 1204 | 3.0 | | | 0.29 | 3.0 | | 7.9 | 8.6 | 93 | | 0.08 | 9 | | 23.11 | 12.57 | 17.28 |
| 22.0 | 1204 | 4.0 | | | 0.27 | 2.7 | | 7.6 | 8.3 | 90 | | 0.09 | 10 | | 24.59 | 11.99 | 18.52 |
| 22.0 | 1204 | 5.0 | | | 0.25 | 2.5 | | 7.5 | 8.2 | 89 | | 0.11 | 11 | | 25.51 | 11.63 | 19.30 |
| 22.0 | 1204 | 6.0 | | | 0.24 | 2.4 | | 7.5 | 8.2 | 89 | | 0.14 | 13 | | 25.94 | 11.48 | 19.65 |
| 22.0 | 1204 | 7.0 | | | 0.24 | 2.4 | | 7.5 | 8.2 | 89 | | 0.17 | 14 | | 26.23 | 11.39 | 19.89 |
| 22.0 | 1204 | 8.0 | | | 0.24 | 2.5 | | 7.5 | 8.2 | 89 | | 0.19 | 15 | | 26.29 | 11.36 | 19.95 |
| 22.0 | 1204 | 9.0 | | | 0.25 | 2.5 | | 7.4 | 8.2 | 88 | | 0.22 | 17 | | 26.37 | 11.33 | 20.01 |
| 22.0 | 1204 | 10.0 | | | 0.26 | 2.6 | | 7.4 | 8.2 | 88 | | 0.26 | 19 | | 26.57 | 11.27 | 20.17 |
| 22.0 | 1204 | 11.0 | | | 0.27 | 2.7 | | 7.4 | 8.1 | 88 | | 0.29 | 21 | | 26.76 | 11.21 | 20.34 |
| 22.0 | 1204 | 12.0 | | | 0.29 | 2.9 | | 7.3 | 8.1 | 88 | | 0.32 | 23 | | 26.94 | 11.17 | 20.48 |
| 22.0 | 1204 | 13.0 | | | 0.30 | 3.0 | | 7.2 | 8.0 | 87 | | 0.33 | 23 | | 27.31 | 11.08 | 20.78 |
| 22.0 | 1204 | 14.0 | | | 0.30 | 3.0 | | 7.2 | 8.0 | 86 | | 0.30 | 22 | | 27.89 | 10.93 | 21.25 |
| 22.0 | 1204 | 15.0 | | | 0.30 | 3.0 | | 7.1 | 7.9 | 86 | | 0.28 | 21 | | 28.26 | 10.85 | 21.56 |
| 22.0 | 1204 | 16.0 | | | 0.30 | 3.1 | | 7.1 | 7.9 | 86 | | 0.31 | 22 | | 28.44 | 10.81 | 21.71 |
| 22.0 | 1204 | 17.0 | | | 0.30 | 3.1 | | 7.1 | 7.9 | 86 | | 0.33 | 23 | | 28.51 | 10.80 | 21.76 |
| 21.0 | 1215 | 1.0 | | | 0.43 | 4.4 | | 8.7 | 9.2 | 101 | | 0.16 | 14 | 1.3 | 21.01 | 13.47 | 15.51 |
| 21.0 | 1215 | 2.0 | 6.1 | 0.76 | 0.43 | 4.3 | 9.4 | 8.5 | 9.1 | 99 | 12.9 | 0.12 | 11 | | 21.95 | 12.86 | 16.34 |
| 21.0 | 1215 | 3.0 | | | 0.38 | 3.8 | | 8.5 | 9.1 | 99 | | 0.11 | 11 | | 22.12 | 12.77 | 16.48 |
| 21.0 | 1215 | 4.0 | | | 0.33 | 3.3 | | 8.3 | 9.0 | 97 | | 0.11 | 11 | | 22.22 | 12.72 | 16.56 |
| 21.0 | 1215 | 5.0 | | | 0.31 | 3.1 | | 8.2 | 8.8 | 96 | | 0.11 | 11 | | 22.74 | 12.49 | 17.00 |
| 21.0 | 1215 | 6.0 | | | 0.31 | 3.1 | | 8.2 | 8.8 | 95 | | 0.11 | 11 | | 23.42 | 12.26 | 17.57 |

South San Francisco Bay

March 17, 1997

97076

| STN | TIME | DEPTH | DISCR CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|--------------------------|-------|---------------|---------------|--------------|--------------|--------------|------|-------------|-----------|-------|-------|-------|
| 21.0 | 1215 | 7.0 | | 0.31 | 3.2 | | 8.0 | 8.6 | 94 | 0.11 | 11 | | 23.59 | 12.25 | 17.71 |
| 21.0 | 1215 | 8.0 | | 0.31 | 3.1 | | 7.7 | 8.4 | 91 | 0.14 | 13 | | 24.21 | 12.05 | 18.22 |
| 21.0 | 1215 | 9.0 | | 0.29 | 2.9 | | 7.6 | 8.3 | 90 | 0.17 | 14 | | 25.13 | 11.73 | 18.98 |
| 21.0 | 1215 | 10.0 | | 0.31 | 3.1 | | 7.6 | 8.3 | 90 | 0.21 | 17 | | 25.73 | 11.54 | 19.48 |
| 21.0 | 1215 | 11.0 | | 0.32 | 3.2 | | 7.4 | 8.2 | 89 | 0.33 | 24 | | 26.34 | 11.36 | 19.99 |
| 21.0 | 1215 | 12.0 | | 0.32 | 3.2 | | 7.4 | 8.1 | 88 | 0.37 | 25 | | 26.78 | 11.24 | 20.35 |
| 21.0 | 1215 | 13.0 | | 0.32 | 3.3 | | 7.3 | 8.0 | 87 | 0.40 | 27 | | 27.36 | 11.09 | 20.82 |
| 21.0 | 1215 | 14.0 | | 0.32 | 3.3 | | 7.2 | 8.0 | 87 | 0.41 | 28 | | 28.05 | 10.90 | 21.39 |
| 21.0 | 1215 | 15.0 | | 0.32 | 3.2 | | 7.2 | 8.0 | 86 | 0.37 | 26 | | 28.31 | 10.84 | 21.60 |
| 21.0 | 1215 | 16.0 | | 0.33 | 3.3 | | 7.2 | 8.0 | 86 | 0.38 | 26 | | 28.41 | 10.82 | 21.68 |
| 21.0 | 1215 | 17.0 | | 0.35 | 3.5 | | 7.2 | 8.0 | 87 | 0.42 | 28 | | 28.46 | 10.80 | 21.72 |
| 21.0 | 1215 | 18.0 | 3.1 | 0.51 | 3.5 | | 7.3 | 8.0 | 87 | 0.45 | 30 | | 28.50 | 10.80 | 21.75 |
| | | | | | | | | | | | Inter. | Std. Err. | | | |
| | | | | | | | | | | | Slope | | | | |
| | | | | | | | | | | | r^2 | | | | |
| | | | | | | | | | | | n | | | | |
| | | | | | | | | | | | 12 | | | | |
| | | | | | | | | | | | 6 | | | | |
| | | | | | | | | | | | 6 | | | | |
| | | | | | | | | | | | 0.934 | | | | |
| | | | | | | | | | | | 0.998 | | | | |
| | | | | | | | | | | | 0.441 | | | | |
| | | | | | | | | | | | 9.868 | | | | |
| | | | | | | | | | | | 56.544 | | | | |
| | | | | | | | | | | | 0.857 | | | | |
| | | | | | | | | | | | 0.067 | | | | |
| | | | | | | | | | | | 4.703 | | | | |
| | | | | | | | | | | | 1.814 | | | | |
| | | | | | | | | | | | 2.237 | | | | |
| | | | | | | | | | | | 1.012 | | | | |
| | | | | | | | | | | | 0.363 | | | | |

Fluorometer Calibration:

OBS Calibration:

Dissolved Oxygen Calibration:

SeaBird v4.026

South San Francisco Bay

March 25, 1997

97084

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------------|-------------|-------|-------|-------|-------|
| 36.0 | 1328 | 1.0 | | | 5.85 | 59.2 | | 9.1 | 9.8 | 116 | | 1.20 | 47 | 6.6 | 18.86 | 18.27 | 12.90 |
| 36.0 | 1328 | 2.0 | 53.2 | 0.78 | 5.75 | 58.2 | 10.2 | 9.3 | 9.9 | 116 | 85.3 | 2.44 | 87 | | 19.17 | 17.22 | 13.36 |
| 36.0 | 1328 | 3.0 | | | 5.36 | 54.3 | | 9.4 | 10.0 | 117 | | 2.60 | 92 | | 19.33 | 17.19 | 13.49 |
| 36.0 | 1328 | 4.0 | | | 5.04 | 51.1 | | 9.5 | 10.2 | 119 | | 2.21 | 79 | | 19.43 | 17.05 | 13.59 |
| 36.0 | 1328 | 5.0 | | | 4.95 | 50.2 | | 9.6 | 10.3 | 120 | | 2.19 | 79 | | 19.48 | 17.08 | 13.62 |
| 36.0 | 1328 | 6.0 | | | 4.97 | 50.4 | | 9.7 | 10.3 | 120 | | 2.18 | 79 | | 19.52 | 17.10 | 13.65 |
| 36.0 | 1328 | 7.0 | | | 4.86 | 49.4 | | 9.6 | 10.2 | 119 | | 2.25 | 81 | | 19.52 | 17.08 | 13.65 |
| 36.0 | 1328 | 8.0 | 53.2 | 0.70 | 4.81 | 48.8 | | 9.7 | 10.3 | 120 | | 2.24 | 80 | | 19.59 | 16.91 | 13.74 |
| 35.0 | 1319 | 1.0 | | | 4.58 | 46.6 | | 10.2 | 10.7 | 128 | | 1.31 | 51 | 5.6 | 19.61 | 17.98 | 13.53 |
| 35.0 | 1319 | 2.0 | | | 4.59 | 46.6 | | 9.9 | 10.4 | 124 | | 1.23 | 48 | | 19.59 | 17.74 | 13.57 |
| 35.0 | 1319 | 3.0 | | | 4.59 | 46.6 | | 9.9 | 10.5 | 123 | | 1.38 | 53 | | 19.61 | 17.38 | 13.66 |
| 35.0 | 1319 | 4.0 | | | 4.44 | 45.2 | | 9.8 | 10.4 | 123 | | 1.44 | 55 | | 19.77 | 17.32 | 13.80 |
| 35.0 | 1319 | 5.0 | | | 4.30 | 43.7 | | 9.8 | 10.4 | 122 | | 1.37 | 53 | | 19.90 | 17.12 | 13.94 |
| 35.0 | 1319 | 6.0 | | | 4.25 | 43.2 | | 9.7 | 10.3 | 120 | | 1.43 | 54 | | 19.93 | 16.91 | 14.01 |
| 35.0 | 1319 | 7.0 | | | 4.17 | 42.4 | | 9.6 | 10.2 | 119 | | 1.48 | 56 | | 19.97 | 16.80 | 14.06 |
| 35.0 | 1319 | 8.0 | | | 4.08 | 41.5 | | 9.6 | 10.2 | 119 | | 1.50 | 57 | | 20.02 | 16.57 | 14.15 |
| 35.0 | 1319 | 9.0 | | | 4.10 | 41.7 | | 9.8 | 10.4 | 120 | | 1.60 | 60 | | 20.05 | 16.52 | 14.18 |
| 34.0 | 1307 | 1.0 | | | 3.87 | 39.4 | | 9.7 | 10.3 | 120 | | 1.41 | 54 | 4.3 | 20.14 | 16.62 | 14.23 |
| 34.0 | 1307 | 2.0 | | | 3.80 | 38.7 | | 9.7 | 10.3 | 119 | | 1.90 | 69 | | 20.40 | 16.27 | 14.49 |
| 34.0 | 1307 | 3.0 | | | 3.77 | 38.4 | | 9.7 | 10.3 | 119 | | 2.05 | 74 | | 20.41 | 16.24 | 14.51 |
| 34.0 | 1307 | 4.0 | | | 3.80 | 38.7 | | 9.7 | 10.3 | 119 | | 2.31 | 82 | | 20.40 | 16.25 | 14.50 |
| 34.0 | 1307 | 5.0 | | | 3.86 | 39.3 | | 9.7 | 10.3 | 119 | | 2.43 | 87 | | 20.40 | 16.25 | 14.50 |
| 34.0 | 1307 | 6.0 | | | 3.88 | 39.5 | | 9.7 | 10.3 | 119 | | 2.37 | 84 | | 20.39 | 16.25 | 14.50 |
| 34.0 | 1307 | 7.0 | | | 3.86 | 39.3 | | 9.7 | 10.3 | 119 | | 2.47 | 88 | | 20.39 | 16.25 | 14.49 |
| 33.0 | 1255 | 1.0 | | | 2.56 | 26.3 | | 10.8 | 11.3 | 134 | | 0.81 | 34 | 3.8 | 20.49 | 17.45 | 14.32 |
| 33.0 | 1255 | 2.0 | | | 2.59 | 26.6 | | 10.7 | 11.2 | 133 | | 0.82 | 35 | | 20.41 | 17.77 | 14.19 |
| 33.0 | 1255 | 3.0 | | | 2.63 | 27.0 | | 9.7 | 10.3 | 123 | | 0.80 | 34 | | 20.41 | 17.70 | 14.20 |
| 33.0 | 1255 | 4.0 | | | 2.61 | 26.8 | | 9.4 | 10.0 | 117 | | 0.78 | 33 | | 20.67 | 16.64 | 14.63 |
| 33.0 | 1255 | 5.0 | | | 2.39 | 24.6 | | 9.4 | 10.1 | 116 | | 0.81 | 34 | | 21.05 | 15.91 | 15.07 |
| 33.0 | 1255 | 6.0 | | | 2.18 | 22.5 | | 9.5 | 10.1 | 116 | | 0.89 | 37 | | 21.15 | 15.65 | 15.20 |
| 33.0 | 1255 | 7.0 | | | 2.09 | 21.6 | | 9.5 | 10.2 | 117 | | 0.97 | 40 | | 21.18 | 15.61 | 15.23 |
| 33.0 | 1255 | 8.0 | | | 2.12 | 21.8 | | 9.6 | 10.2 | 117 | | 1.03 | 42 | | 21.22 | 15.57 | 15.27 |
| 33.0 | 1255 | 9.0 | | | 2.21 | 22.8 | | 9.6 | 10.2 | 117 | | 1.18 | 46 | | 21.30 | 15.50 | 15.34 |
| 33.0 | 1255 | 10.0 | | | 2.33 | 24.0 | | 9.7 | 10.3 | 117 | | 1.29 | 50 | | 21.32 | 15.48 | 15.36 |
| 33.0 | 1255 | 11.0 | | | 2.38 | 24.5 | | 9.7 | 10.3 | 118 | | 1.42 | 54 | | 21.33 | 15.48 | 15.37 |
| 33.0 | 1255 | 12.0 | | | 2.43 | 25.0 | | 9.7 | 10.3 | 118 | | 1.57 | 59 | | 21.32 | 15.48 | 15.36 |
| 33.0 | 1255 | 13.0 | | | 2.44 | 25.1 | | 9.7 | 10.3 | 118 | | 1.75 | 65 | | 21.32 | 15.48 | 15.36 |
| 32.0 | 1245 | 1.0 | | | 2.24 | 23.1 | | 10.6 | 11.1 | 128 | | 0.61 | 28 | 2.9 | 21.00 | 15.97 | 15.02 |
| 32.0 | 1245 | 2.0 | 24.9 | 0.77 | 2.17 | 22.4 | 10.4 | 10.1 | 10.7 | 123 | 37.2 | 0.58 | 27 | | 20.93 | 16.14 | 14.93 |

South San Francisco Bay

March 25, 1997

97084

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-----|-------|-------|-------|-------|
| 32.0 | 1245 | 3.0 | | | 2.00 | 20.7 | | 9.9 | 10.5 | 121 | | 0.56 | 26 | | 21.18 | 15.65 | 15.22 |
| 32.0 | 1245 | 4.0 | | | 1.85 | 19.2 | | 9.9 | 10.4 | 120 | | 0.60 | 28 | | 21.23 | 15.60 | 15.27 |
| 32.0 | 1245 | 5.0 | | | 1.76 | 18.3 | | 9.9 | 10.5 | 120 | | 0.68 | 30 | | 21.29 | 15.54 | 15.32 |
| 32.0 | 1245 | 6.0 | | | 1.79 | 18.5 | | 9.9 | 10.5 | 120 | | 0.79 | 34 | | 21.31 | 15.51 | 15.35 |
| 32.0 | 1245 | 7.0 | | | 1.86 | 19.3 | | 9.9 | 10.5 | 120 | | 0.88 | 37 | | 21.32 | 15.51 | 15.36 |
| 32.0 | 1245 | 8.0 | | | 1.92 | 19.9 | | 9.9 | 10.5 | 120 | | 0.96 | 39 | | 21.32 | 15.51 | 15.36 |
| 32.0 | 1245 | 9.0 | | | 1.98 | 20.5 | | 9.9 | 10.5 | 120 | | 1.05 | 42 | | 21.33 | 15.50 | 15.36 |
| 32.0 | 1245 | 10.0 | | | 1.97 | 20.4 | | 9.9 | 10.5 | 120 | | 1.09 | 43 | | 21.34 | 15.48 | 15.38 |
| 32.0 | 1245 | 11.0 | | | 1.89 | 19.6 | | 9.9 | 10.5 | 120 | | 1.15 | 46 | | 21.36 | 15.47 | 15.40 |
| 32.0 | 1245 | 12.0 | | | 2.03 | 21.0 | | 9.9 | 10.4 | 119 | | 1.28 | 50 | | 21.39 | 15.45 | 15.42 |
| 32.0 | 1245 | 13.0 | | | 2.02 | 20.9 | | 9.9 | 10.5 | 120 | | 1.43 | 54 | | 21.44 | 15.41 | 15.47 |
| 32.0 | 1245 | 14.0 | 30.6 | 0.67 | 1.91 | 19.7 | | 9.9 | 10.4 | 119 | | 2.03 | 74 | | 21.44 | 15.41 | 15.47 |
| 31.0 | 1232 | 1.0 | | | 1.30 | 13.7 | | 10.7 | 11.2 | 135 | | 0.11 | 12 | 1.2 | 20.71 | 18.36 | 14.28 |
| 31.0 | 1232 | 2.0 | | | 1.56 | 16.3 | | 10.8 | 11.2 | 132 | | 0.12 | 12 | | 20.90 | 17.04 | 14.72 |
| 31.0 | 1232 | 3.0 | | | 1.81 | 18.8 | | 10.3 | 10.8 | 126 | | 0.15 | 13 | | 21.02 | 16.38 | 14.95 |
| 31.0 | 1232 | 4.0 | | | 1.88 | 19.5 | | 10.0 | 10.6 | 122 | | 0.22 | 15 | | 21.25 | 15.73 | 15.26 |
| 31.0 | 1232 | 5.0 | | | 1.85 | 19.2 | | 10.0 | 10.5 | 120 | | 0.28 | 17 | | 21.41 | 15.50 | 15.42 |
| 31.0 | 1232 | 6.0 | | | 1.80 | 18.7 | | 9.9 | 10.5 | 120 | | 0.35 | 20 | | 21.48 | 15.39 | 15.51 |
| 31.0 | 1232 | 7.0 | | | 1.82 | 18.9 | | 10.0 | 10.6 | 121 | | 0.46 | 23 | | 21.56 | 15.32 | 15.58 |
| 31.0 | 1232 | 8.0 | | | 1.74 | 18.1 | | 10.1 | 10.6 | 121 | | 0.56 | 27 | | 21.62 | 15.27 | 15.63 |
| 31.0 | 1232 | 9.0 | | | 1.64 | 17.1 | | 10.1 | 10.6 | 121 | | 0.69 | 31 | | 21.65 | 15.26 | 15.65 |
| 31.0 | 1232 | 10.0 | | | 1.63 | 17.0 | | 10.1 | 10.6 | 121 | | 0.82 | 35 | | 21.66 | 15.25 | 15.66 |
| 31.0 | 1232 | 11.0 | | | 1.58 | 16.5 | | 10.1 | 10.7 | 122 | | 0.89 | 37 | | 21.66 | 15.25 | 15.67 |
| 31.0 | 1232 | 12.0 | | | 1.55 | 16.2 | | 10.1 | 10.6 | 121 | | 0.94 | 38 | | 21.66 | 15.25 | 15.67 |
| 31.0 | 1232 | 13.0 | | | 1.67 | 17.4 | | 10.1 | 10.7 | 122 | | 1.01 | 41 | | 21.66 | 15.25 | 15.67 |
| 31.0 | 1232 | 14.0 | | | 1.70 | 17.7 | | 10.1 | 10.7 | 122 | | 1.41 | 54 | | 21.67 | 15.24 | 15.68 |
| 30.0 | 1215 | 1.0 | | | 1.42 | 14.8 | | 10.1 | 10.7 | 123 | | 0.27 | 17 | | 21.62 | 15.71 | 15.55 |
| 30.0 | 1215 | 2.0 | 9.6 | 0.83 | 1.42 | 14.9 | 10.7 | 10.1 | 10.6 | 121 | 14.0 | 0.39 | 21 | | 21.88 | 15.15 | 15.86 |
| 30.0 | 1215 | 3.0 | | | 1.36 | 14.3 | | 10.1 | 10.6 | 121 | | 0.54 | 26 | | 21.90 | 15.10 | 15.88 |
| 30.0 | 1215 | 4.0 | | | 1.31 | 13.8 | | 10.1 | 10.6 | 121 | | 0.65 | 29 | | 21.91 | 15.09 | 15.89 |
| 30.0 | 1215 | 5.0 | | | 1.35 | 14.2 | | 10.1 | 10.7 | 121 | | 0.73 | 32 | | 21.91 | 15.08 | 15.89 |
| 30.0 | 1215 | 6.0 | | | 1.37 | 14.4 | | 10.1 | 10.7 | 121 | | 0.78 | 34 | | 21.91 | 15.07 | 15.90 |
| 30.0 | 1215 | 7.0 | | | 1.37 | 14.4 | | 10.1 | 10.7 | 121 | | 0.80 | 34 | | 21.92 | 15.07 | 15.90 |
| 30.0 | 1215 | 8.0 | | | 1.40 | 14.7 | | 10.1 | 10.7 | 122 | | 0.82 | 35 | | 21.92 | 15.06 | 15.90 |
| 30.0 | 1215 | 9.0 | | | 1.44 | 15.1 | | 10.1 | 10.7 | 122 | | 0.89 | 37 | | 21.92 | 15.05 | 15.91 |
| 30.0 | 1215 | 10.0 | | | 1.58 | 16.5 | | 10.1 | 10.7 | 122 | | 1.03 | 42 | | 21.93 | 15.05 | 15.91 |
| 30.0 | 1215 | 11.0 | | | 1.69 | 17.6 | | 10.1 | 10.7 | 122 | | 1.27 | 49 | | 21.92 | 15.05 | 15.91 |
| 30.0 | 1215 | 12.0 | | | 1.84 | 19.1 | | 10.1 | 10.7 | 122 | | 1.32 | 51 | | 21.92 | 15.05 | 15.90 |
| 30.0 | 1215 | 13.0 | | | 1.98 | 20.4 | | 10.1 | 10.7 | 122 | | 1.51 | 57 | | 21.92 | 15.05 | 15.90 |
| 30.0 | 1215 | 14.0 | | | 2.40 | 24.7 | | 10.1 | 10.7 | 121 | | 1.86 | 68 | | 21.91 | 15.05 | 15.90 |
| 30.0 | 1215 | 15.0 | 23.2 | 0.65 | 2.52 | 25.9 | | 10.1 | 10.7 | 122 | | 2.43 | 87 | | 21.90 | 15.05 | 15.89 |

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| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 29.5 | 1200 | 1.0 | | | 1.27 | 13.4 | | 10.3 | 10.8 | 124 | | 0.20 | 15 | 1.7 | 21.83 | 15.51 | 15.74 |
| 29.5 | 1200 | 2.0 | | | 1.31 | 13.8 | | 10.0 | 10.6 | 121 | | 0.31 | 18 | | 21.93 | 15.28 | 15.87 |
| 29.5 | 1200 | 3.0 | | | 1.20 | 12.7 | | 10.0 | 10.6 | 120 | | 0.38 | 21 | | 22.10 | 15.03 | 16.05 |
| 29.5 | 1200 | 4.0 | | | 1.07 | 11.4 | | 10.0 | 10.5 | 120 | | 0.41 | 21 | | 22.15 | 14.98 | 16.09 |
| 29.5 | 1200 | 5.0 | | | 1.08 | 11.5 | | 10.0 | 10.5 | 120 | | 0.42 | 22 | | 22.23 | 14.90 | 16.17 |
| 29.5 | 1200 | 6.0 | | | 1.10 | 11.7 | | 10.0 | 10.5 | 120 | | 0.44 | 23 | | 22.26 | 14.88 | 16.20 |
| 29.5 | 1200 | 7.0 | | | 1.12 | 11.9 | | 10.0 | 10.6 | 120 | | 0.47 | 24 | | 22.30 | 14.84 | 16.24 |
| 29.5 | 1200 | 8.0 | | | 1.15 | 12.2 | | 10.0 | 10.6 | 120 | | 0.50 | 25 | | 22.32 | 14.84 | 16.25 |
| 29.5 | 1200 | 9.0 | | | 1.21 | 12.8 | | 10.0 | 10.6 | 120 | | 0.57 | 27 | | 22.32 | 14.84 | 16.26 |
| 29.5 | 1200 | 10.0 | | | 1.27 | 13.4 | | 10.0 | 10.6 | 120 | | 0.58 | 27 | | 22.33 | 14.84 | 16.26 |
| 29.5 | 1200 | 11.0 | | | 1.31 | 13.8 | | 10.0 | 10.6 | 120 | | 0.60 | 28 | | 22.33 | 14.84 | 16.26 |
| 29.5 | 1200 | 12.0 | | | 1.32 | 13.9 | | 10.0 | 10.6 | 120 | | 0.65 | 29 | | 22.33 | 14.85 | 16.26 |
| 29.5 | 1200 | 13.0 | | | 1.35 | 14.2 | | 10.0 | 10.6 | 120 | | 0.65 | 29 | | 22.33 | 14.85 | 16.26 |
| 29.5 | 1200 | 14.0 | | | 1.34 | 14.1 | | 10.0 | 10.6 | 120 | | 0.66 | 30 | | 22.33 | 14.85 | 16.26 |
| 29.5 | 1200 | 15.0 | | | 1.30 | 13.7 | | 10.0 | 10.6 | 120 | | 0.71 | 31 | | 22.32 | 14.85 | 16.25 |
| 29.0 | 1148 | 1.0 | | | 0.92 | 9.9 | | 10.0 | 10.6 | 121 | | 0.23 | 16 | 1.3 | 22.01 | 15.16 | 15.95 |
| 29.0 | 1148 | 2.0 | | | 0.99 | 10.6 | | 10.1 | 10.6 | 121 | | 0.23 | 16 | | 22.06 | 15.06 | 16.01 |
| 29.0 | 1148 | 3.0 | | | 0.99 | 10.6 | | 10.1 | 10.6 | 121 | | 0.25 | 16 | | 22.11 | 15.06 | 16.05 |
| 29.0 | 1148 | 4.0 | | | 0.96 | 10.3 | | 10.1 | 10.6 | 121 | | 0.28 | 17 | | 22.12 | 15.07 | 16.06 |
| 29.0 | 1148 | 5.0 | | | 0.97 | 10.4 | | 10.0 | 10.6 | 121 | | 0.28 | 17 | | 22.11 | 15.09 | 16.05 |
| 29.0 | 1148 | 6.0 | | | 0.99 | 10.6 | | 10.0 | 10.6 | 121 | | 0.28 | 18 | | 22.13 | 15.07 | 16.07 |
| 29.0 | 1148 | 7.0 | | | 0.99 | 10.6 | | 10.0 | 10.5 | 120 | | 0.29 | 18 | | 22.16 | 15.02 | 16.10 |
| 29.0 | 1148 | 8.0 | | | 0.99 | 10.6 | | 9.9 | 10.5 | 119 | | 0.30 | 18 | | 22.22 | 14.94 | 16.16 |
| 29.0 | 1148 | 9.0 | | | 1.01 | 10.7 | | 9.8 | 10.4 | 118 | | 0.30 | 18 | | 22.29 | 14.85 | 16.23 |
| 29.0 | 1148 | 10.0 | | | 0.99 | 10.6 | | 9.9 | 10.5 | 119 | | 0.29 | 18 | | 22.43 | 14.75 | 16.35 |
| 29.0 | 1148 | 11.0 | | | 0.93 | 10.0 | | 9.9 | 10.5 | 119 | | 0.28 | 17 | | 22.44 | 14.74 | 16.36 |
| 29.0 | 1148 | 12.0 | | | 0.95 | 10.2 | | 9.9 | 10.5 | 119 | | 0.28 | 17 | | 22.45 | 14.73 | 16.37 |
| 29.0 | 1148 | 13.0 | | | 0.96 | 10.3 | | 9.9 | 10.5 | 119 | | 0.28 | 17 | | 22.50 | 14.71 | 16.42 |
| 29.0 | 1148 | 14.0 | | | 1.06 | 11.3 | | 9.9 | 10.5 | 119 | | 0.29 | 18 | | 22.52 | 14.71 | 16.43 |
| 29.0 | 1148 | 15.0 | | | 1.10 | 11.7 | | 10.0 | 10.5 | 119 | | 0.30 | 18 | | 22.47 | 14.72 | 16.39 |
| 28.0 | 1136 | 1.0 | | | 0.88 | 9.5 | | 10.3 | 10.8 | 125 | | 0.13 | 13 | 0.9 | 21.94 | 15.80 | 15.77 |
| 28.0 | 1136 | 2.0 | | | 0.91 | 9.8 | | 10.3 | 10.9 | 124 | | 0.13 | 12 | | 22.08 | 15.29 | 15.98 |
| 28.0 | 1136 | 3.0 | | | 0.99 | 10.6 | | 10.3 | 10.8 | 124 | | 0.13 | 13 | | 22.13 | 15.12 | 16.06 |
| 28.0 | 1136 | 4.0 | | | 1.19 | 12.6 | | 10.3 | 10.8 | 123 | | 0.18 | 14 | | 22.22 | 15.07 | 16.13 |
| 28.0 | 1136 | 5.0 | | | 1.28 | 13.5 | | 10.2 | 10.7 | 122 | | 0.26 | 17 | | 22.26 | 15.03 | 16.17 |
| 28.0 | 1136 | 6.0 | | | 1.20 | 12.7 | | 10.2 | 10.7 | 122 | | 0.35 | 20 | | 22.33 | 14.98 | 16.23 |
| 28.0 | 1136 | 7.0 | | | 1.10 | 11.7 | | 10.2 | 10.7 | 122 | | 0.50 | 25 | | 22.35 | 14.96 | 16.25 |
| 28.0 | 1136 | 8.0 | | | 1.08 | 11.5 | | 10.1 | 10.7 | 122 | | 0.60 | 28 | | 22.37 | 14.94 | 16.27 |
| 28.0 | 1136 | 9.0 | | | 1.15 | 12.1 | | 10.1 | 10.6 | 121 | | 0.67 | 30 | | 22.45 | 14.87 | 16.34 |
| 28.0 | 1136 | 10.0 | | | 1.15 | 12.1 | | 9.9 | 10.5 | 120 | | 0.70 | 31 | | 22.53 | 14.79 | 16.42 |
| 28.0 | 1136 | 11.0 | | | 1.13 | 12.0 | | 9.9 | 10.4 | 118 | | 0.73 | 32 | | 22.72 | 14.63 | 16.60 |

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| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-----|-------|-------|-------|-------|
| 28.0 | 1136 | 12.0 | | | 1.06 | 11.3 | | 9.9 | 10.5 | 118 | | 0.69 | 30 | | 22.95 | 14.47 | 16.81 |
| 28.0 | 1136 | 13.0 | | | 1.01 | 10.8 | | 9.9 | 10.5 | 119 | | 0.62 | 28 | | 23.02 | 14.43 | 16.87 |
| 28.0 | 1136 | 14.0 | | | 0.99 | 10.6 | | 9.9 | 10.5 | 119 | | 0.58 | 27 | | 23.06 | 14.41 | 16.90 |
| 28.0 | 1136 | 15.0 | | | 0.97 | 10.4 | | 9.9 | 10.5 | 119 | | 0.55 | 26 | | 23.09 | 14.39 | 16.93 |
| 28.0 | 1136 | 16.0 | | | 1.01 | 10.8 | | 10.0 | 10.5 | 119 | | 0.54 | 26 | | 23.10 | 14.39 | 16.94 |
| 27.0 | 1123 | 1.0 | | | 0.94 | 10.1 | | 11.3 | 11.7 | 134 | | 0.05 | 10 | 0.8 | 22.42 | 15.26 | 16.25 |
| 27.0 | 1123 | 2.0 | | 0.84 | 1.00 | 10.7 | | 10.8 | 11.3 | 129 | | 0.06 | 10 | | 22.49 | 15.14 | 16.32 |
| 27.0 | 1123 | 3.0 | 8.9 | | 1.04 | 11.1 | 11.2 | 10.6 | 11.0 | 126 | 7.0 | 0.07 | 11 | | 22.77 | 14.81 | 16.61 |
| 27.0 | 1123 | 4.0 | | | 1.07 | 11.4 | | 10.4 | 10.9 | 124 | | 0.12 | 12 | | 23.03 | 14.56 | 16.85 |
| 27.0 | 1123 | 5.0 | | | 1.07 | 11.4 | | 10.4 | 10.9 | 123 | | 0.25 | 16 | | 23.09 | 14.51 | 16.91 |
| 27.0 | 1123 | 6.0 | | | 0.97 | 10.3 | | 10.3 | 10.8 | 123 | | 0.30 | 18 | | 23.11 | 14.49 | 16.92 |
| 27.0 | 1123 | 7.0 | | | 0.88 | 9.5 | | 10.3 | 10.8 | 123 | | 0.33 | 19 | | 23.16 | 14.45 | 16.97 |
| 27.0 | 1123 | 8.0 | | | 0.90 | 9.7 | | 10.3 | 10.8 | 123 | | 0.37 | 20 | | 23.18 | 14.44 | 16.99 |
| 27.0 | 1123 | 9.0 | | | 1.04 | 11.1 | | 10.3 | 10.8 | 123 | | 0.42 | 22 | | 23.18 | 14.44 | 16.99 |
| 27.0 | 1123 | 10.0 | | | 1.09 | 11.6 | | 10.3 | 10.8 | 123 | | 0.49 | 24 | | 23.18 | 14.44 | 16.99 |
| 27.0 | 1123 | 11.0 | | | 1.08 | 11.5 | | 10.3 | 10.8 | 122 | | 0.52 | 25 | | 23.18 | 14.44 | 16.99 |
| 27.0 | 1123 | 12.0 | | | 1.26 | 13.3 | | 10.3 | 10.8 | 122 | | 0.53 | 25 | | 23.19 | 14.43 | 17.00 |
| 27.0 | 1123 | 13.0 | | | 1.44 | 15.1 | | 10.3 | 10.8 | 122 | | 0.62 | 28 | | 23.20 | 14.43 | 17.01 |
| 27.0 | 1123 | 14.0 | 15.0 | 0.71 | 1.42 | 14.9 | | 10.3 | 10.8 | 122 | | 0.84 | 35 | | 23.18 | 14.43 | 17.00 |
| 26.0 | 1107 | 1.0 | | | 0.80 | 8.7 | | 10.1 | 10.7 | 122 | | 0.19 | 15 | 1.4 | 23.56 | 14.69 | 17.24 |
| 26.0 | 1107 | 2.0 | | | 0.81 | 8.8 | | 10.1 | 10.7 | 122 | | 0.22 | 15 | | 23.56 | 14.72 | 17.23 |
| 26.0 | 1107 | 3.0 | | | 0.92 | 9.8 | | 10.0 | 10.6 | 121 | | 0.22 | 16 | | 23.56 | 14.69 | 17.24 |
| 26.0 | 1107 | 4.0 | | | 0.97 | 10.4 | | 10.0 | 10.6 | 120 | | 0.23 | 16 | | 23.56 | 14.53 | 17.27 |
| 26.0 | 1107 | 5.0 | | | 1.02 | 10.9 | | 10.0 | 10.6 | 120 | | 0.33 | 19 | | 23.56 | 14.45 | 17.28 |
| 26.0 | 1107 | 6.0 | | | 1.05 | 11.1 | | 10.0 | 10.6 | 121 | | 0.40 | 21 | | 23.57 | 14.48 | 17.28 |
| 26.0 | 1107 | 7.0 | | | 1.05 | 11.2 | | 10.1 | 10.6 | 121 | | 0.44 | 22 | | 23.58 | 14.49 | 17.29 |
| 26.0 | 1107 | 8.0 | | | 1.10 | 11.7 | | 10.1 | 10.6 | 121 | | 0.43 | 22 | | 23.57 | 14.45 | 17.28 |
| 26.0 | 1107 | 9.0 | | | 1.07 | 11.3 | | 10.0 | 10.6 | 120 | | 0.44 | 23 | | 23.56 | 14.45 | 17.28 |
| 26.0 | 1107 | 10.0 | | | 1.21 | 12.8 | | 10.1 | 10.6 | 121 | | 0.47 | 24 | | 23.56 | 14.41 | 17.29 |
| 26.0 | 1107 | 11.0 | | | 1.30 | 13.7 | | 10.1 | 10.6 | 121 | | 0.54 | 26 | | 23.58 | 14.41 | 17.30 |
| 25.0 | 1052 | 1.0 | | | 0.91 | 9.8 | | 9.4 | 10.1 | 114 | | 0.33 | 19 | 1.9 | 24.50 | 14.06 | 18.08 |
| 25.0 | 1052 | 2.0 | | | 0.97 | 10.4 | | 9.4 | 10.1 | 114 | | 0.40 | 21 | | 24.51 | 13.98 | 18.10 |
| 25.0 | 1052 | 3.0 | | | 0.97 | 10.4 | | 9.4 | 10.1 | 114 | | 0.43 | 22 | | 24.51 | 13.96 | 18.11 |
| 25.0 | 1052 | 4.0 | | | 0.99 | 10.6 | | 9.4 | 10.1 | 114 | | 0.46 | 23 | | 24.51 | 13.94 | 18.11 |
| 25.0 | 1052 | 5.0 | | | 1.03 | 11.0 | | 9.4 | 10.1 | 114 | | 0.51 | 25 | | 24.52 | 13.93 | 18.12 |
| 25.0 | 1052 | 6.0 | | | 1.02 | 10.9 | | 9.4 | 10.1 | 114 | | 0.51 | 25 | | 24.52 | 13.91 | 18.12 |
| 25.0 | 1052 | 7.0 | | | 1.06 | 11.3 | | 9.4 | 10.1 | 114 | | 0.54 | 26 | | 24.52 | 13.90 | 18.13 |
| 25.0 | 1052 | 8.0 | | | 1.14 | 12.1 | | 9.4 | 10.1 | 114 | | 0.57 | 27 | | 24.52 | 13.88 | 18.13 |
| 25.0 | 1052 | 9.0 | | | 1.14 | 12.1 | | 9.5 | 10.1 | 114 | | 0.59 | 27 | | 24.54 | 13.86 | 18.15 |

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| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-----|-------|-------|-------|-------|
| 24.0 | 1027 | 1.0 | | | 0.98 | 10.4 | | 9.3 | 9.9 | 113 | | 0.15 | 13 | 1.8 | 24.52 | 14.00 | 18.12 |
| 24.0 | 1027 | 2.0 | 10.1 | 0.81 | 1.01 | 10.8 | 10.1 | 9.1 | 9.8 | 111 | 15.2 | 0.25 | 17 | | 25.06 | 13.57 | 18.61 |
| 24.0 | 1027 | 3.0 | | | 0.90 | 9.7 | | 9.1 | 9.8 | 110 | | 0.37 | 20 | | 25.16 | 13.50 | 18.69 |
| 24.0 | 1027 | 4.0 | | | 0.75 | 8.2 | | 9.1 | 9.8 | 110 | | 0.51 | 25 | | 25.18 | 13.49 | 18.71 |
| 24.0 | 1027 | 5.0 | | | 0.68 | 7.5 | | 9.1 | 9.8 | 110 | | 0.61 | 28 | | 25.20 | 13.48 | 18.73 |
| 24.0 | 1027 | 6.0 | | | 0.70 | 7.7 | | 9.1 | 9.8 | 110 | | 0.67 | 30 | | 25.19 | 13.48 | 18.72 |
| 24.0 | 1027 | 7.0 | | | 0.72 | 7.9 | | 9.1 | 9.8 | 110 | | 0.67 | 30 | | 25.19 | 13.48 | 18.72 |
| 24.0 | 1027 | 8.0 | | | 0.79 | 8.6 | | 9.1 | 9.8 | 110 | | 0.69 | 30 | | 25.20 | 13.48 | 18.73 |
| 24.0 | 1027 | 9.0 | | | 0.89 | 9.6 | | 9.1 | 9.8 | 110 | | 0.71 | 31 | | 25.19 | 13.48 | 18.72 |
| 24.0 | 1027 | 10.0 | | | 0.89 | 9.6 | | 9.1 | 9.8 | 110 | | 0.74 | 32 | | 25.19 | 13.48 | 18.72 |
| 24.0 | 1027 | 11.0 | 8.4 | 0.64 | 0.87 | 9.4 | | 9.2 | 9.8 | 111 | | 0.78 | 34 | | 25.19 | 13.48 | 18.72 |
| 23.0 | 1022 | 1.0 | | | 0.81 | 8.8 | | 9.6 | 10.2 | 115 | | 0.16 | 13 | 1.3 | 24.29 | 14.05 | 17.92 |
| 23.0 | 1022 | 2.0 | | | 0.84 | 9.1 | | 9.2 | 9.9 | 111 | | 0.16 | 14 | | 24.51 | 13.88 | 18.12 |
| 23.0 | 1022 | 3.0 | | | 0.72 | 7.9 | | 9.1 | 9.8 | 110 | | 0.18 | 14 | | 25.22 | 13.49 | 18.74 |
| 23.0 | 1022 | 4.0 | | | 0.68 | 7.4 | | 9.0 | 9.7 | 109 | | 0.32 | 19 | | 25.31 | 13.44 | 18.82 |
| 23.0 | 1022 | 5.0 | | | 0.65 | 7.2 | | 9.1 | 9.8 | 110 | | 0.41 | 22 | | 25.33 | 13.43 | 18.84 |
| 23.0 | 1022 | 6.0 | | | 0.63 | 7.0 | | 9.1 | 9.7 | 110 | | 0.46 | 23 | | 25.32 | 13.43 | 18.83 |
| 23.0 | 1022 | 7.0 | | | 0.67 | 7.4 | | 9.1 | 9.8 | 110 | | 0.49 | 24 | | 25.32 | 13.43 | 18.83 |
| 23.0 | 1022 | 8.0 | | | 0.68 | 7.5 | | 9.1 | 9.7 | 110 | | 0.49 | 24 | | 25.33 | 13.43 | 18.83 |
| 23.0 | 1022 | 9.0 | | | 0.66 | 7.3 | | 9.1 | 9.7 | 109 | | 0.50 | 24 | | 25.33 | 13.43 | 18.83 |
| 23.0 | 1022 | 10.0 | | | 0.68 | 7.5 | | 9.1 | 9.7 | 109 | | 0.54 | 26 | | 25.32 | 13.43 | 18.83 |
| 23.0 | 1022 | 11.0 | | | 0.68 | 7.5 | | 9.0 | 9.7 | 109 | | 0.56 | 27 | | 25.33 | 13.43 | 18.83 |
| 23.0 | 1022 | 12.0 | | | 0.66 | 7.2 | | 9.0 | 9.7 | 109 | | 0.59 | 27 | | 25.32 | 13.43 | 18.83 |
| 23.0 | 1022 | 13.0 | | | 0.67 | 7.4 | | 9.1 | 9.7 | 110 | | 0.59 | 27 | | 25.32 | 13.43 | 18.83 |
| 23.0 | 1022 | 14.0 | | | 0.70 | 7.7 | | 9.0 | 9.7 | 109 | | 0.61 | 28 | | 25.32 | 13.43 | 18.83 |
| 23.0 | 1022 | 15.0 | | | 0.69 | 7.6 | | 9.0 | 9.7 | 109 | | 0.62 | 28 | | 25.32 | 13.44 | 18.83 |
| 22.0 | 0950 | 1.0 | | | 0.65 | 7.2 | | 9.6 | 10.2 | 116 | | 0.14 | 13 | 1.2 | 23.66 | 14.55 | 17.34 |
| 22.0 | 0950 | 2.0 | | | 0.72 | 7.9 | | 9.5 | 10.2 | 115 | | 0.16 | 13 | | 23.95 | 14.31 | 17.61 |
| 22.0 | 0950 | 3.0 | | | 0.75 | 8.2 | | 9.3 | 9.9 | 113 | | 0.17 | 14 | | 24.06 | 14.25 | 17.71 |
| 22.0 | 0950 | 4.0 | | | 0.75 | 8.2 | | 9.1 | 9.8 | 111 | | 0.19 | 14 | | 24.71 | 13.91 | 18.27 |
| 22.0 | 0950 | 5.0 | | | 0.74 | 8.1 | | 9.1 | 9.8 | 111 | | 0.21 | 15 | | 24.98 | 13.76 | 18.50 |
| 22.0 | 0950 | 6.0 | | | 0.72 | 7.8 | | 9.2 | 9.9 | 112 | | 0.20 | 15 | | 24.93 | 13.80 | 18.46 |
| 22.0 | 0950 | 7.0 | | | 0.67 | 7.4 | | 8.9 | 9.6 | 109 | | 0.21 | 15 | | 24.80 | 13.90 | 18.34 |
| 22.0 | 0950 | 8.0 | | | 0.62 | 6.9 | | 8.8 | 9.5 | 107 | | 0.20 | 15 | | 25.59 | 13.43 | 19.03 |
| 22.0 | 0950 | 9.0 | | | 0.57 | 6.4 | | 8.7 | 9.5 | 106 | | 0.23 | 16 | | 25.91 | 13.22 | 19.32 |
| 22.0 | 0950 | 10.0 | | | 0.61 | 6.8 | | 8.7 | 9.5 | 106 | | 0.33 | 19 | | 26.10 | 13.12 | 19.49 |
| 22.0 | 0950 | 11.0 | | | 0.64 | 7.1 | | 8.7 | 9.5 | 106 | | 0.49 | 24 | | 26.15 | 13.09 | 19.53 |
| 22.0 | 0950 | 12.0 | | | 0.59 | 6.6 | | 8.8 | 9.5 | 106 | | 0.53 | 25 | | 26.14 | 13.09 | 19.52 |
| 22.0 | 0950 | 13.0 | | | 0.57 | 6.4 | | 8.8 | 9.5 | 106 | | 0.53 | 25 | | 26.13 | 13.10 | 19.52 |
| 22.0 | 0950 | 14.0 | | | 0.57 | 6.4 | | 8.7 | 9.5 | 106 | | 0.52 | 25 | | 26.14 | 13.09 | 19.53 |
| 22.0 | 0950 | 15.0 | | | 0.58 | 6.5 | | 8.7 | 9.5 | 106 | | 0.56 | 26 | | 26.17 | 13.07 | 19.55 |

South San Francisco Bay

March 25, 1997

97084

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|-------|----------------|-----------|-------|-------|-------|
| 22.0 | 0950 | 16.0 | | | 0.60 | 6.7 | | 8.7 | 9.5 | 106 | | 0.56 | 26 | | 26.16 | 13.07 | 19.55 |
| 22.0 | 0950 | 17.0 | | | 0.59 | 6.5 | | 8.7 | 9.5 | 106 | | 0.56 | 26 | | 26.16 | 13.08 | 19.54 |
| 22.0 | 0950 | 18.0 | | | 0.57 | 6.4 | | 8.8 | 9.5 | 106 | | 0.54 | 26 | | 26.15 | 13.08 | 19.53 |
| 21.0 | 0933 | 1.0 | | | 0.65 | 7.2 | | 8.7 | 9.4 | 107 | | 0.30 | 18 | 1.1 | 25.05 | 13.80 | 18.55 |
| 21.0 | 0933 | 2.0 | 6.5 | 0.71 | 0.63 | 7.0 | 9.0 | 8.6 | 9.4 | 105 | 22.3 | 0.34 | 19 | | 25.77 | 13.39 | 19.18 |
| 21.0 | 0933 | 3.0 | | | 0.62 | 6.9 | | 8.6 | 9.3 | 105 | | 0.44 | 23 | | 25.98 | 13.26 | 19.36 |
| 21.0 | 0933 | 4.0 | | | 0.60 | 6.7 | | 8.6 | 9.3 | 105 | | 0.46 | 23 | | 26.08 | 13.20 | 19.45 |
| 21.0 | 0933 | 5.0 | | | 0.59 | 6.5 | | 8.6 | 9.3 | 105 | | 0.49 | 24 | | 26.14 | 13.17 | 19.51 |
| 21.0 | 0933 | 6.0 | | | 0.63 | 7.0 | | 8.6 | 9.3 | 105 | | 0.48 | 24 | | 26.18 | 13.14 | 19.55 |
| 21.0 | 0933 | 7.0 | | | 0.66 | 7.3 | | 8.6 | 9.3 | 105 | | 0.48 | 24 | | 26.19 | 13.12 | 19.56 |
| 21.0 | 0933 | 8.0 | | | 0.66 | 7.3 | | 8.6 | 9.4 | 105 | | 0.50 | 25 | | 26.20 | 13.12 | 19.56 |
| 21.0 | 0933 | 9.0 | | | 0.64 | 7.1 | | 8.6 | 9.4 | 105 | | 0.52 | 25 | | 26.19 | 13.12 | 19.56 |
| 21.0 | 0933 | 10.0 | | | 0.63 | 7.0 | | 8.6 | 9.4 | 105 | | 0.52 | 25 | | 26.19 | 13.12 | 19.56 |
| 21.0 | 0933 | 11.0 | | | 0.65 | 7.1 | | 8.6 | 9.4 | 105 | | 0.52 | 25 | | 26.20 | 13.12 | 19.56 |
| 21.0 | 0933 | 12.0 | | | 0.66 | 7.3 | | 8.6 | 9.4 | 105 | | 0.52 | 25 | | 26.20 | 13.12 | 19.56 |
| 21.0 | 0933 | 13.0 | | | 0.69 | 7.6 | | 8.6 | 9.4 | 105 | | 0.52 | 25 | | 26.20 | 13.12 | 19.57 |
| 21.0 | 0933 | 14.0 | | | 0.71 | 7.8 | | 8.6 | 9.4 | 105 | | 0.53 | 26 | | 26.20 | 13.12 | 19.57 |
| 21.0 | 0933 | 15.0 | | | 0.69 | 7.6 | | 8.6 | 9.4 | 105 | | 0.53 | 25 | | 26.20 | 13.12 | 19.57 |
| 21.0 | 0933 | 16.0 | | | 0.69 | 7.5 | | 8.6 | 9.4 | 105 | | 0.54 | 26 | | 26.20 | 13.12 | 19.56 |
| 21.0 | 0933 | 17.0 | | | 0.70 | 7.7 | | 8.6 | 9.4 | 105 | | 0.54 | 26 | | 26.19 | 13.13 | 19.56 |
| 21.0 | 0933 | 18.0 | 6.7 | 0.57 | 0.70 | 7.6 | | 8.6 | 9.4 | 105 | | 0.58 | 27 | | 26.19 | 13.13 | 19.56 |
| | | | | | | | | | | | | Slope | Inter. | Std. Err. | | | |
| | | | | | | | | | | | | n | r ² | | | | |
| | | | | | | | | | | | | 12 | 0.934 | | | | |
| | | | | | | | | | | | | 6 | 0.958 | | | | |
| | | | | | | | | | | | | 6 | 0.886 | | | | |

Fluorometer Calibration:

OBS Calibration:

Dissolved Oxygen Calibration:

4.574

6.592

0.280

SeaBird v4.026

| North San Francisco Bay | | | | | | | | | | April 1, 1997 | | | | 97091 | | | |
|-------------------------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|---------------|--------------|------|-------------|-------|-------|-------|------|
| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
| 657.0 | 1841 | 1.0 | | | 0.99 | 7.5 | | 10.3 | 9.9 | 98 | | 0.80 | 50 | | 0.13 | 15.02 | 0.00 |
| 657.0 | 1841 | 2.0 | 7.2 | 0.69 | 0.99 | 7.6 | 9.6 | 10.3 | 9.8 | 98 | 48.3 | 0.79 | 50 | | 0.13 | 15.02 | 0.00 |
| 657.0 | 1841 | 3.0 | | | 0.99 | 7.5 | | 10.3 | 9.9 | 98 | | 0.84 | 53 | | 0.13 | 15.01 | 0.00 |
| 657.0 | 1841 | 4.0 | | | 1.00 | 7.6 | | 10.3 | 9.9 | 98 | | 0.83 | 53 | | 0.13 | 15.02 | 0.00 |
| 657.0 | 1841 | 5.0 | | | 1.02 | 7.7 | | 10.3 | 9.9 | 98 | | 0.82 | 52 | | 0.13 | 15.02 | 0.00 |
| 657.0 | 1841 | 6.0 | | | 1.04 | 7.9 | | 10.3 | 9.9 | 98 | | 0.79 | 50 | | 0.13 | 15.03 | 0.00 |
| 657.0 | 1841 | 7.0 | | | 1.06 | 8.0 | | 10.3 | 9.9 | 98 | | 0.81 | 52 | | 0.13 | 15.03 | 0.00 |
| 657.0 | 1841 | 8.0 | | | 1.06 | 8.0 | | 10.3 | 9.9 | 98 | | 0.80 | 51 | | 0.13 | 15.03 | 0.00 |
| 657.0 | 1841 | 9.0 | | | 1.04 | 7.9 | | 10.3 | 9.9 | 98 | | 0.83 | 53 | | 0.13 | 15.04 | 0.00 |
| 657.0 | 1841 | 10.0 | 9.1 | 0.67 | 1.03 | 7.8 | | 10.3 | 9.9 | 98 | | 0.89 | 56 | | 0.13 | 15.04 | 0.00 |
| 649.0 | 1744 | 1.0 | | | 0.68 | 5.7 | | 10.4 | 9.9 | 98 | | 0.39 | 26 | 2.0 | 0.09 | 14.81 | 0.00 |
| 649.0 | 1744 | 2.0 | 6.3 | 0.66 | 0.69 | 5.7 | 10.0 | 10.4 | 9.9 | 98 | | 0.41 | 27 | | 0.09 | 14.81 | 0.00 |
| 649.0 | 1744 | 3.0 | | | 0.69 | 5.7 | | 10.4 | 9.9 | 98 | | 0.40 | 26 | | 0.09 | 14.81 | 0.00 |
| 649.0 | 1744 | 4.0 | | | 0.68 | 5.7 | | 10.4 | 9.9 | 98 | | 0.40 | 26 | | 0.09 | 14.81 | 0.00 |
| 649.0 | 1744 | 5.0 | | | 0.69 | 5.7 | | 10.4 | 9.9 | 99 | | 0.40 | 26 | | 0.09 | 14.81 | 0.00 |
| 649.0 | 1744 | 6.0 | | | 0.71 | 5.9 | | 10.4 | 9.9 | 99 | | 0.40 | 26 | | 0.09 | 14.81 | 0.00 |
| 649.0 | 1744 | 7.0 | | | 0.73 | 6.0 | | 10.4 | 10.0 | 99 | | 0.41 | 27 | | 0.09 | 14.81 | 0.00 |
| 649.0 | 1744 | 8.0 | | | 0.74 | 6.0 | | 10.4 | 10.0 | 99 | | 0.41 | 27 | | 0.09 | 14.80 | 0.00 |
| 649.0 | 1744 | 9.0 | | | 0.74 | 6.1 | | 10.4 | 10.0 | 99 | | 0.42 | 28 | | 0.09 | 14.80 | 0.00 |
| 649.0 | 1744 | 10.0 | | | 0.74 | 6.1 | | 10.4 | 10.0 | 99 | | 0.42 | 27 | | 0.09 | 14.80 | 0.00 |
| 649.0 | 1744 | 11.0 | 6.7 | 0.56 | 0.75 | 6.1 | | 10.4 | 10.0 | 99 | | 0.42 | 28 | | 0.09 | 14.80 | 0.00 |
| 2.0 | 1721 | 1.0 | | | 0.49 | 4.6 | | 10.3 | 9.9 | 98 | | 0.61 | 39 | 2.9 | 0.09 | 15.09 | 0.00 |
| 2.0 | 1721 | 2.0 | | | 0.48 | 4.5 | | 10.4 | 9.9 | 99 | | 0.62 | 40 | | 0.09 | 15.09 | 0.00 |
| 2.0 | 1721 | 3.0 | | | 0.49 | 4.6 | | 10.4 | 9.9 | 99 | | 0.61 | 39 | | 0.09 | 15.09 | 0.00 |
| 2.0 | 1721 | 4.0 | | | 0.49 | 4.6 | | 10.4 | 9.9 | 99 | | 0.59 | 38 | | 0.09 | 15.10 | 0.00 |
| 2.0 | 1721 | 5.0 | | | 0.49 | 4.6 | | 10.4 | 9.9 | 99 | | 0.61 | 39 | | 0.09 | 15.10 | 0.00 |
| 2.0 | 1721 | 6.0 | | | 0.51 | 4.7 | | 10.4 | 9.9 | 99 | | 0.61 | 39 | | 0.09 | 15.11 | 0.00 |
| 2.0 | 1721 | 7.0 | | | 0.51 | 4.7 | | 10.4 | 9.9 | 99 | | 0.65 | 41 | | 0.09 | 15.11 | 0.00 |
| 2.0 | 1721 | 8.0 | | | 0.51 | 4.7 | | 10.4 | 9.9 | 99 | | 0.67 | 43 | | 0.09 | 15.13 | 0.00 |
| 2.0 | 1721 | 9.0 | | | 0.51 | 4.7 | | 10.4 | 9.9 | 99 | | 0.76 | 48 | | 0.09 | 15.13 | 0.00 |
| 2.0 | 1721 | 10.0 | | | 0.52 | 4.8 | | 10.4 | 9.9 | 99 | | 0.85 | 54 | | 0.09 | 15.14 | 0.00 |
| 2.0 | 1721 | 11.0 | | | 0.52 | 4.8 | | 10.4 | 9.9 | 99 | | 0.94 | 59 | | 0.09 | 15.14 | 0.00 |
| 3.0 | 1706 | 1.0 | | | 0.47 | 4.4 | | 10.2 | 9.8 | 98 | | 0.60 | 39 | 2.5 | 0.09 | 15.18 | 0.00 |
| 3.0 | 1706 | 2.0 | 3.6 | 0.50 | 0.46 | 4.4 | 9.9 | 10.2 | 9.8 | 98 | 39.7 | 0.60 | 38 | | 0.09 | 15.19 | 0.00 |
| 3.0 | 1706 | 3.0 | | | 0.46 | 4.4 | | 10.2 | 9.8 | 98 | | 0.62 | 39 | | 0.10 | 15.21 | 0.00 |
| 3.0 | 1706 | 4.0 | | | 0.46 | 4.4 | | 10.2 | 9.8 | 97 | | 0.68 | 44 | | 0.10 | 15.22 | 0.00 |
| 3.0 | 1706 | 5.0 | | | 0.47 | 4.4 | | 10.2 | 9.7 | 97 | | 0.75 | 48 | | 0.10 | 15.23 | 0.00 |
| 3.0 | 1706 | 6.0 | | | 0.46 | 4.4 | | 10.2 | 9.8 | 98 | | 0.80 | 51 | | 0.10 | 15.23 | 0.00 |
| 3.0 | 1706 | 7.0 | | | 0.47 | 4.5 | | 10.2 | 9.8 | 98 | | 0.81 | 52 | | 0.10 | 15.23 | 0.00 |
| 3.0 | 1706 | 8.0 | | | 0.48 | 4.5 | | 10.2 | 9.8 | 98 | | 0.86 | 54 | | 0.10 | 15.24 | 0.00 |

North San Francisco Bay

April 1, 1997

97091

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|-----|------|-------|----------------|-----------------|-------|---------------|---------------|--------------|--------------|--------------|------|-------------|-------|-------|-------|------|
| 3.0 | 1706 | 9.0 | | | 0.47 | 4.5 | | 10.2 | 9.7 | | 0.88 | 55 | | 0.10 | 15.24 | 0.00 |
| 3.0 | 1706 | 10.0 | | | 0.47 | 4.5 | | 10.2 | 9.8 | | 0.85 | 54 | | 0.10 | 15.24 | 0.00 |
| 3.0 | 1706 | 11.0 | | | 0.50 | 4.7 | | 10.2 | 9.7 | | 0.93 | 59 | | 0.10 | 15.25 | 0.00 |
| 3.0 | 1706 | 12.0 | | 0.68 | 0.51 | 4.7 | | 10.2 | 9.7 | | 1.00 | 63 | | 0.10 | 15.26 | 0.00 |
| 4.0 | 1641 | 1.0 | | | 0.45 | 4.3 | | 10.1 | 9.6 | | 0.49 | 32 | 2.5 | 0.10 | 15.32 | 0.00 |
| 4.0 | 1641 | 2.0 | | | 0.44 | 4.3 | | 10.1 | 9.7 | | 0.49 | 32 | | 0.10 | 15.32 | 0.00 |
| 4.0 | 1641 | 3.0 | | | 0.44 | 4.3 | | 10.1 | 9.7 | | 0.50 | 32 | | 0.10 | 15.32 | 0.00 |
| 4.0 | 1641 | 4.0 | | | 0.44 | 4.3 | | 10.1 | 9.7 | | 0.52 | 34 | | 0.10 | 15.33 | 0.00 |
| 4.0 | 1641 | 5.0 | | | 0.45 | 4.3 | | 10.1 | 9.7 | | 0.56 | 36 | | 0.10 | 15.33 | 0.00 |
| 4.0 | 1641 | 6.0 | | | 0.45 | 4.4 | | 10.1 | 9.7 | | 0.58 | 38 | | 0.10 | 15.33 | 0.00 |
| 4.0 | 1641 | 7.0 | | | 0.45 | 4.3 | | 10.1 | 9.7 | | 0.70 | 45 | | 0.10 | 15.35 | 0.00 |
| 4.0 | 1641 | 8.0 | | | 0.45 | 4.3 | | 10.1 | 9.7 | | 0.79 | 50 | | 0.10 | 15.36 | 0.00 |
| 4.0 | 1641 | 9.0 | | | 0.45 | 4.4 | | 10.1 | 9.7 | | 0.79 | 50 | | 0.10 | 15.36 | 0.00 |
| 4.0 | 1641 | 10.0 | | | 0.46 | 4.4 | | 10.1 | 9.7 | | 0.80 | 51 | | 0.10 | 15.36 | 0.00 |
| 4.0 | 1641 | 11.0 | | | 0.46 | 4.4 | | 10.1 | 9.7 | | 0.86 | 54 | | 0.10 | 15.37 | 0.00 |
| 4.0 | 1641 | 12.0 | | | 0.47 | 4.4 | | 10.1 | 9.7 | | 0.89 | 56 | | 0.10 | 15.37 | 0.00 |
| 4.0 | 1641 | 13.0 | | | 0.46 | 4.4 | | 10.1 | 9.7 | | 0.89 | 56 | | 0.10 | 15.37 | 0.00 |
| 4.0 | 1641 | 14.0 | | | 0.45 | 4.4 | | 10.1 | 9.7 | | 0.92 | 58 | | 0.10 | 15.37 | 0.00 |
| 4.0 | 1641 | 15.0 | | | 0.45 | 4.3 | | 10.1 | 9.7 | | 0.92 | 58 | | 0.10 | 15.37 | 0.00 |
| 5.0 | 1618 | 1.0 | | | 0.44 | 4.3 | | 9.9 | 9.5 | | 0.70 | 45 | 3.3 | 0.11 | 15.51 | 0.00 |
| 5.0 | 1618 | 2.0 | | | 0.44 | 4.2 | | 9.9 | 9.5 | | 0.67 | 43 | | 0.11 | 15.50 | 0.00 |
| 5.0 | 1618 | 3.0 | | | 0.43 | 4.2 | | 9.9 | 9.5 | | 0.67 | 43 | | 0.11 | 15.50 | 0.00 |
| 5.0 | 1618 | 4.0 | | | 0.44 | 4.3 | | 9.9 | 9.5 | | 0.64 | 41 | | 0.11 | 15.51 | 0.00 |
| 5.0 | 1618 | 5.0 | | | 0.44 | 4.3 | | 9.9 | 9.5 | | 0.65 | 41 | | 0.11 | 15.51 | 0.00 |
| 5.0 | 1618 | 6.0 | | | 0.45 | 4.3 | | 9.9 | 9.5 | | 0.67 | 43 | | 0.11 | 15.51 | 0.00 |
| 5.0 | 1618 | 7.0 | | | 0.47 | 4.4 | | 9.9 | 9.5 | | 0.70 | 44 | | 0.11 | 15.51 | 0.00 |
| 5.0 | 1618 | 8.0 | | | 0.47 | 4.5 | | 9.9 | 9.5 | | 0.71 | 45 | | 0.11 | 15.51 | 0.00 |
| 5.0 | 1618 | 9.0 | | | 0.48 | 4.5 | | 9.9 | 9.5 | | 0.72 | 46 | | 0.11 | 15.51 | 0.00 |
| 5.0 | 1618 | 10.0 | | | 0.48 | 4.5 | | 9.9 | 9.5 | | 0.73 | 47 | | 0.11 | 15.51 | 0.00 |
| 5.0 | 1618 | 11.0 | | | 0.48 | 4.5 | | 10.0 | 9.6 | | 0.75 | 48 | | 0.11 | 15.51 | 0.00 |
| 6.0 | 1556 | 1.0 | | | 0.40 | 4.0 | | 10.0 | 9.6 | | 0.87 | 55 | 4.0 | 0.17 | 15.73 | 0.00 |
| 6.0 | 1556 | 2.0 | | 0.66 | 0.39 | 4.0 | 9.5 | 10.0 | 9.6 | 54.5 | 0.85 | 54 | | 0.17 | 15.73 | 0.00 |
| 6.0 | 1556 | 3.0 | 3.0 | | 0.40 | 4.0 | | 10.0 | 9.6 | | 0.86 | 54 | | 0.17 | 15.73 | 0.00 |
| 6.0 | 1556 | 4.0 | | | 0.41 | 4.1 | | 10.0 | 9.6 | | 0.88 | 56 | | 0.17 | 15.73 | 0.00 |
| 6.0 | 1556 | 5.0 | | | 0.42 | 4.1 | | 10.0 | 9.6 | | 0.90 | 57 | | 0.17 | 15.72 | 0.00 |
| 6.0 | 1556 | 6.0 | | | 0.43 | 4.2 | | 10.0 | 9.6 | | 0.94 | 59 | | 0.17 | 15.72 | 0.00 |
| 6.0 | 1556 | 7.0 | | | 0.44 | 4.2 | | 10.0 | 9.6 | | 0.93 | 59 | | 0.17 | 15.72 | 0.00 |
| 6.0 | 1556 | 8.0 | | | 0.43 | 4.2 | | 10.0 | 9.6 | | 0.90 | 57 | | 0.17 | 15.72 | 0.00 |
| 6.0 | 1556 | 9.0 | | | 0.43 | 4.2 | | 10.0 | 9.6 | | 0.91 | 57 | | 0.17 | 15.73 | 0.00 |
| 6.0 | 1556 | 10.0 | 3.7 | 0.69 | 0.43 | 4.2 | | 10.0 | 9.6 | | 0.88 | 55 | | 0.17 | 15.73 | 0.00 |

North San Francisco Bay

April 1, 1997

97091

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | EXCOF | SALIN | TEMP | SIGT |
|-----|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------------|-------|-------|-------|------|
| 7.0 | 1527 | 1.0 | | | 0.45 | 4.3 | | 9.9 | 9.5 | 96 | | 1.91 | | 1.20 | 15.57 | 0.00 |
| 7.0 | 1527 | 2.0 | | | 0.45 | 4.4 | | 9.9 | 9.5 | 96 | | 1.98 | | 1.20 | 15.57 | 0.00 |
| 7.0 | 1527 | 3.0 | | | 0.47 | 4.4 | | 9.9 | 9.5 | 96 | | 2.04 | | 1.22 | 15.57 | 0.00 |
| 7.0 | 1527 | 4.0 | | | 0.47 | 4.5 | | 9.9 | 9.5 | 96 | | 2.18 | | 1.23 | 15.57 | 0.00 |
| 7.0 | 1527 | 5.0 | | | 0.47 | 4.5 | | 9.9 | 9.5 | 96 | | 2.19 | | 1.24 | 15.57 | 0.00 |
| 7.0 | 1527 | 6.0 | | | 0.48 | 4.5 | | 9.9 | 9.5 | 96 | | 2.14 | | 1.25 | 15.57 | 0.00 |
| 7.0 | 1527 | 7.0 | | | 0.48 | 4.5 | | 9.9 | 9.5 | 96 | | 2.11 | | 1.25 | 15.57 | 0.00 |
| 7.0 | 1527 | 8.0 | | | 0.48 | 4.5 | | 9.9 | 9.5 | 96 | | 2.11 | | 1.25 | 15.57 | 0.00 |
| 7.0 | 1527 | 9.0 | | | 0.48 | 4.5 | | 9.9 | 9.5 | 96 | | 2.13 | | 1.25 | 15.57 | 0.00 |
| 7.0 | 1527 | 10.0 | | | 0.48 | 4.5 | | 9.9 | 9.5 | 96 | | 2.15 | | 1.26 | 15.57 | 0.00 |
| 7.0 | 1527 | 11.0 | | | 0.49 | 4.6 | | 9.9 | 9.5 | 96 | | 2.28 | | 1.29 | 15.56 | 0.01 |
| 7.0 | 1527 | 12.0 | | | 0.49 | 4.6 | | 9.9 | 9.5 | 96 | | 2.41 | | 1.33 | 15.56 | 0.04 |
| 8.0 | 1504 | 1.0 | | | 0.56 | 5.0 | | 9.4 | 9.1 | 93 | | 2.79 | 8.7 | 3.13 | 15.47 | 1.45 |
| 8.0 | 1504 | 2.0 | | | 0.56 | 5.0 | | 9.4 | 9.1 | 93 | | 2.51 | | 3.12 | 15.47 | 1.43 |
| 8.0 | 1504 | 3.0 | | | 0.56 | 5.0 | | 9.4 | 9.1 | 93 | | 2.43 | | 3.12 | 15.47 | 1.43 |
| 8.0 | 1504 | 4.0 | | | 0.56 | 5.0 | | 9.4 | 9.1 | 93 | | 2.41 | | 3.16 | 15.46 | 1.46 |
| 8.0 | 1504 | 5.0 | | | 0.57 | 5.0 | | 9.4 | 9.1 | 93 | | 2.43 | | 3.16 | 15.46 | 1.47 |
| 8.0 | 1504 | 6.0 | | | 0.59 | 5.2 | | 9.4 | 9.1 | 93 | | 2.52 | | 3.35 | 15.42 | 1.61 |
| 8.0 | 1504 | 7.0 | | | 0.60 | 5.2 | | 9.4 | 9.1 | 93 | | 2.66 | | 3.50 | 15.40 | 1.74 |
| 8.0 | 1504 | 8.0 | | | 0.61 | 5.3 | | 9.4 | 9.1 | 93 | | 2.68 | | 3.64 | 15.39 | 1.85 |
| 8.0 | 1504 | 9.0 | | | 0.62 | 5.4 | | 9.4 | 9.0 | 93 | | 2.73 | | 3.83 | 15.37 | 1.99 |
| 8.0 | 1504 | 10.0 | | | 0.63 | 5.4 | | 9.4 | 9.0 | 93 | | 2.75 | | 4.11 | 15.31 | 2.22 |
| 8.0 | 1504 | 11.0 | | | 0.63 | 5.4 | | 9.4 | 9.0 | 93 | | 2.89 | | 4.17 | 15.29 | 2.27 |
| 8.0 | 1504 | 12.0 | | | 0.64 | 5.5 | | 9.4 | 9.1 | 93 | | 3.31 | | 4.14 | 15.29 | 2.25 |
| 8.0 | 1504 | 13.0 | | | 0.65 | 5.5 | | 9.3 | 9.0 | 93 | | 4.07 | | 4.23 | 15.28 | 2.32 |
| 8.0 | 1504 | 14.0 | | | 0.65 | 5.5 | | 9.3 | 9.0 | 93 | | 4.73 | | 4.49 | 15.24 | 2.52 |
| 8.0 | 1504 | 15.0 | | | 0.65 | 5.5 | | 9.3 | 9.0 | 93 | | 4.85 | | 5.40 | 15.16 | 3.23 |
| 9.0 | 1439 | 1.0 | | | 0.63 | 5.4 | | 9.5 | 9.2 | 95 | | 2.62 | 8.1 | 5.35 | 15.27 | 3.18 |
| 9.0 | 1439 | 2.0 | 5.1 | 0.49 | 0.64 | 5.4 | 9.1 | 9.5 | 9.2 | 95 | 157.7 | 2.56 | | 5.33 | 15.27 | 3.16 |
| 9.0 | 1439 | 3.0 | | | 0.64 | 5.5 | | 9.5 | 9.2 | 95 | | 2.52 | | 5.33 | 15.28 | 3.16 |
| 9.0 | 1439 | 4.0 | | | 0.65 | 5.5 | | 9.5 | 9.2 | 95 | | 2.51 | | 5.34 | 15.27 | 3.16 |
| 9.0 | 1439 | 5.0 | | | 0.67 | 5.7 | | 9.5 | 9.2 | 95 | | 2.49 | | 5.35 | 15.27 | 3.17 |
| 9.0 | 1439 | 6.0 | | | 0.69 | 5.8 | | 9.5 | 9.2 | 95 | | 2.54 | | 5.44 | 15.26 | 3.25 |
| 9.0 | 1439 | 7.0 | | | 0.71 | 5.9 | | 9.5 | 9.2 | 95 | | 2.69 | | 5.44 | 15.26 | 3.25 |
| 9.0 | 1439 | 8.0 | | | 0.73 | 6.0 | | 9.5 | 9.2 | 95 | | 2.71 | | 5.49 | 15.26 | 3.28 |
| 9.0 | 1439 | 9.0 | | | 0.73 | 6.0 | | 9.5 | 9.2 | 95 | | 2.81 | | 5.58 | 15.26 | 3.35 |
| 9.0 | 1439 | 10.0 | | | 0.74 | 6.1 | | 9.5 | 9.2 | 95 | | 2.87 | | 5.60 | 15.25 | 3.37 |
| 9.0 | 1439 | 11.0 | | | 0.74 | 6.1 | | 9.5 | 9.2 | 95 | | 2.90 | | 5.61 | 15.25 | 3.38 |
| 9.0 | 1439 | 12.0 | | | 0.74 | 6.0 | | 9.5 | 9.2 | 95 | | 2.96 | | 5.64 | 15.25 | 3.40 |
| 9.0 | 1439 | 13.0 | | | 0.73 | 6.0 | | 9.5 | 9.2 | 95 | | 3.00 | | 5.68 | 15.25 | 3.43 |
| 9.0 | 1439 | 14.0 | | | 0.74 | 6.1 | | 9.5 | 9.1 | 95 | | 3.06 | | 5.70 | 15.25 | 3.45 |

North San Francisco Bay

April 1, 1997

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| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------------|-------------|-------|-------|-------|------|
| 9.0 | 1439 | 15.0 | | | 0.75 | 6.1 | | 9.5 | 9.1 | 95 | | 3.10 | 191 | | 5.76 | 15.25 | 3.49 |
| 9.0 | 1439 | 16.0 | | | 0.76 | 6.2 | | 9.5 | 9.1 | 95 | | 3.16 | 194 | | 5.84 | 15.25 | 3.55 |
| 9.0 | 1439 | 17.0 | | | 0.78 | 6.3 | | 9.5 | 9.1 | 95 | | 3.24 | 199 | | 5.88 | 15.25 | 3.58 |
| 9.0 | 1439 | 18.0 | | | 0.80 | 6.4 | | 9.5 | 9.1 | 95 | | 3.29 | 202 | | 5.91 | 15.26 | 3.61 |
| 9.0 | 1439 | 19.0 | | | 0.82 | 6.5 | | 9.5 | 9.1 | 95 | | 3.35 | 206 | | 5.96 | 15.26 | 3.64 |
| 9.0 | 1439 | 20.0 | | | 0.85 | 6.7 | | 9.4 | 9.1 | 95 | | 3.38 | 208 | | 6.17 | 15.26 | 3.81 |
| 9.0 | 1439 | 21.0 | | | 0.95 | 7.3 | | 9.4 | 9.1 | 95 | | 3.57 | 219 | | 6.36 | 15.26 | 3.95 |
| 9.0 | 1439 | 22.0 | | | 1.15 | 8.5 | | 9.4 | 9.1 | 94 | | 3.87 | 237 | | 7.01 | 15.25 | 4.45 |
| 9.0 | 1439 | 23.0 | | | 1.34 | 9.6 | | 9.3 | 9.0 | 94 | | 4.07 | 249 | | 7.47 | 15.25 | 4.80 |
| 9.0 | 1439 | 24.0 | | | 1.41 | 10.1 | | 9.3 | 9.0 | 94 | | 4.77 | 292 | | 8.41 | 15.25 | 5.52 |
| 9.0 | 1439 | 25.0 | | | 1.46 | 10.4 | | 9.2 | 8.9 | 94 | | 5.22 | 319 | | 8.60 | 15.25 | 5.67 |
| 9.0 | 1439 | 26.0 | 5.9 | 0.45 | 1.48 | 10.5 | | 9.2 | 8.9 | 94 | | 5.68 | 348 | | 8.83 | 15.23 | 5.85 |
| 10.0 | 1419 | 1.0 | | | 0.73 | 6.0 | | 9.2 | 8.9 | 93 | | 2.45 | 151 | 8.8 | 6.32 | 15.20 | 3.93 |
| 10.0 | 1419 | 2.0 | | | 0.75 | 6.1 | | 9.2 | 8.9 | 93 | | 2.60 | 160 | | 6.46 | 15.19 | 4.04 |
| 10.0 | 1419 | 3.0 | | | 0.79 | 6.4 | | 9.2 | 8.9 | 93 | | 2.65 | 163 | | 6.70 | 15.20 | 4.22 |
| 10.0 | 1419 | 4.0 | | | 0.89 | 6.9 | | 9.2 | 8.9 | 93 | | 2.89 | 178 | | 7.48 | 15.19 | 4.82 |
| 10.0 | 1419 | 5.0 | | | 0.98 | 7.5 | | 9.1 | 8.8 | 93 | | 3.20 | 197 | | 8.15 | 15.19 | 5.34 |
| 10.0 | 1419 | 6.0 | | | 1.06 | 8.0 | | 9.1 | 8.8 | 93 | | 3.41 | 209 | | 8.94 | 15.19 | 5.94 |
| 10.0 | 1419 | 7.0 | | | 1.11 | 8.2 | | 9.0 | 8.8 | 93 | | 3.62 | 222 | | 9.42 | 15.18 | 6.31 |
| 10.0 | 1419 | 8.0 | | | 1.13 | 8.4 | | 9.0 | 8.8 | 93 | | 3.64 | 223 | | 9.70 | 15.17 | 6.52 |
| 10.0 | 1419 | 9.0 | | | 1.18 | 8.7 | | 9.0 | 8.7 | 93 | | 3.65 | 224 | | 10.02 | 15.16 | 6.77 |
| 10.0 | 1419 | 10.0 | | | 1.22 | 8.9 | | 9.0 | 8.7 | 93 | | 3.64 | 223 | | 10.41 | 15.15 | 7.07 |
| 10.0 | 1419 | 11.0 | | | 1.24 | 9.0 | | 9.0 | 8.7 | 93 | | 3.65 | 224 | | 10.74 | 15.14 | 7.33 |
| 10.0 | 1419 | 12.0 | | | 1.27 | 9.2 | | 9.0 | 8.7 | 93 | | 3.71 | 228 | | 11.01 | 15.13 | 7.54 |
| 10.0 | 1419 | 13.0 | | | 1.32 | 9.5 | | 9.0 | 8.7 | 93 | | 3.81 | 234 | | 11.25 | 15.13 | 7.72 |
| 10.0 | 1419 | 14.0 | | | 1.35 | 9.7 | | 9.0 | 8.7 | 93 | | 3.86 | 237 | | 11.36 | 15.12 | 7.80 |
| 10.0 | 1419 | 15.0 | | | 1.39 | 9.9 | | 9.0 | 8.7 | 93 | | 3.84 | 235 | | 11.46 | 15.12 | 7.88 |
| 10.0 | 1419 | 16.0 | | | 1.41 | 10.1 | | 9.0 | 8.7 | 93 | | 3.84 | 235 | | 11.63 | 15.11 | 8.01 |
| 10.0 | 1419 | 17.0 | | | 1.42 | 10.1 | | 8.9 | 8.7 | 93 | | 3.87 | 237 | | 11.73 | 15.11 | 8.09 |
| 10.0 | 1419 | 18.0 | | | 1.42 | 10.1 | | 8.9 | 8.7 | 93 | | 3.94 | 242 | | 11.70 | 15.11 | 8.07 |
| 11.0 | 1351 | 1.0 | | | 0.91 | 7.1 | | 9.3 | 9.0 | 95 | | 1.82 | 113 | 6.1 | 9.80 | 15.13 | 6.61 |
| 11.0 | 1351 | 2.0 | | | 0.92 | 7.1 | | 9.2 | 8.9 | 95 | | 1.71 | 106 | | 9.81 | 15.13 | 6.62 |
| 11.0 | 1351 | 3.0 | | | 1.08 | 8.1 | | 9.2 | 8.9 | 94 | | 1.88 | 117 | | 10.57 | 15.06 | 7.21 |
| 11.0 | 1351 | 4.0 | | | 1.33 | 9.6 | | 9.1 | 8.8 | 94 | | 2.83 | 174 | | 11.57 | 15.00 | 7.99 |
| 11.0 | 1351 | 5.0 | | | 1.53 | 10.8 | | 9.1 | 8.8 | 94 | | 3.11 | 191 | | 12.09 | 14.97 | 8.39 |
| 11.0 | 1351 | 6.0 | | | 1.68 | 11.7 | | 9.0 | 8.8 | 94 | | 3.37 | 207 | | 12.80 | 14.93 | 8.94 |
| 11.0 | 1351 | 7.0 | | | 1.77 | 12.2 | | 9.1 | 8.8 | 95 | | 3.55 | 218 | | 13.21 | 14.90 | 9.26 |
| 11.0 | 1351 | 8.0 | | | 1.77 | 12.2 | | 9.1 | 8.8 | 95 | | 3.64 | 223 | | 13.51 | 14.89 | 9.49 |
| 11.0 | 1351 | 9.0 | | | 1.71 | 11.8 | | 9.0 | 8.8 | 95 | | 3.48 | 214 | | 13.62 | 14.89 | 9.58 |
| 11.0 | 1351 | 10.0 | | | 1.68 | 11.7 | | 9.1 | 8.8 | 95 | | 3.41 | 210 | | 13.64 | 14.89 | 9.59 |
| 11.0 | 1351 | 11.0 | | | 1.68 | 11.7 | | 9.0 | 8.8 | 95 | | 3.38 | 208 | | 13.66 | 14.89 | 9.61 |

North San Francisco Bay

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| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 11.0 | 1351 | 12.0 | | | 1.73 | 12.0 | | 9.0 | 8.7 | 94 | | 3.47 | 213 | | 13.96 | 14.88 | 9.84 |
| 11.0 | 1351 | 13.0 | | | 1.75 | 12.1 | | 9.0 | 8.8 | 95 | | 3.84 | 235 | | 14.51 | 14.84 | 10.27 |
| 12.0 | 1325 | 1.0 | | | 0.88 | 6.9 | | 9.1 | 8.8 | 95 | | 1.22 | 76 | | 12.98 | 14.86 | 9.09 |
| 12.0 | 1325 | 2.0 | | | 0.85 | 6.7 | | 9.2 | 8.9 | 95 | | 1.11 | 69 | | 11.20 | 15.03 | 7.70 |
| 12.0 | 1325 | 3.0 | | | 0.82 | 6.5 | | 9.1 | 8.9 | 94 | | 0.97 | 61 | | 10.91 | 15.05 | 7.47 |
| 12.0 | 1325 | 4.0 | | | 0.93 | 7.2 | | 9.0 | 8.7 | 93 | | 0.98 | 61 | | 11.60 | 14.98 | 8.01 |
| 12.0 | 1325 | 5.0 | | | 1.22 | 8.9 | | 8.7 | 8.5 | 92 | | 1.34 | 84 | | 14.92 | 14.72 | 10.60 |
| 12.0 | 1325 | 6.0 | | | 1.54 | 10.8 | | 8.6 | 8.4 | 92 | | 2.28 | 141 | | 16.92 | 14.53 | 12.17 |
| 12.0 | 1325 | 7.0 | | | 1.54 | 10.8 | | 8.6 | 8.4 | 92 | | 3.25 | 199 | | 18.28 | 14.33 | 13.25 |
| 13.0 | 1245 | 1.0 | | | 0.83 | 6.6 | | 9.3 | 9.0 | 98 | | 0.81 | 51 | | 14.48 | 14.84 | 10.24 |
| 13.0 | 1245 | 2.0 | | 0.89 | 0.86 | 6.8 | | 9.3 | 9.0 | 97 | 48.2 | 0.78 | 49 | 2.7 | 14.60 | 14.80 | 10.34 |
| 13.0 | 1245 | 3.0 | 7.5 | | 0.87 | 6.8 | 9.0 | 9.2 | 8.9 | 97 | | 0.79 | 50 | | 15.74 | 14.60 | 11.26 |
| 13.0 | 1245 | 4.0 | | | 0.88 | 6.9 | | 9.1 | 8.8 | 96 | | 0.82 | 52 | | 16.54 | 14.47 | 11.89 |
| 13.0 | 1245 | 5.0 | | | 0.88 | 6.9 | | 9.0 | 8.7 | 95 | | 0.86 | 54 | | 17.32 | 14.33 | 12.51 |
| 13.0 | 1245 | 6.0 | | | 0.84 | 6.7 | | 8.9 | 8.7 | 95 | | 0.88 | 55 | | 18.34 | 14.16 | 13.33 |
| 13.0 | 1245 | 7.0 | | | 0.81 | 6.5 | | 8.9 | 8.6 | 94 | | 0.86 | 54 | | 19.23 | 14.02 | 14.03 |
| 13.0 | 1245 | 8.0 | | | 0.79 | 6.4 | | 8.7 | 8.5 | 93 | | 0.93 | 59 | | 20.31 | 13.89 | 14.88 |
| 13.0 | 1245 | 9.0 | | | 0.80 | 6.4 | | 8.5 | 8.3 | 93 | | 0.91 | 58 | | 22.77 | 13.59 | 16.84 |
| 13.0 | 1245 | 10.0 | 7.9 | 0.76 | 0.82 | 6.5 | | 8.6 | 8.4 | 94 | | 1.15 | 72 | | 24.97 | 13.32 | 18.58 |
| 14.0 | 1219 | 1.0 | | | 1.15 | 8.5 | | 9.4 | 9.1 | 98 | | 0.78 | 49 | | 14.32 | 14.64 | 10.16 |
| 14.0 | 1219 | 2.0 | | | 1.15 | 8.5 | | 9.4 | 9.1 | 98 | | 0.78 | 50 | 3.4 | 14.32 | 14.64 | 10.16 |
| 14.0 | 1219 | 3.0 | | | 1.17 | 8.6 | | 9.4 | 9.1 | 98 | | 0.77 | 49 | | 14.33 | 14.61 | 10.16 |
| 14.0 | 1219 | 4.0 | | | 1.21 | 8.9 | | 9.4 | 9.1 | 97 | | 0.79 | 50 | | 14.34 | 14.59 | 10.18 |
| 14.0 | 1219 | 5.0 | | | 1.24 | 9.0 | | 9.3 | 9.0 | 97 | | 0.80 | 51 | | 14.46 | 14.55 | 10.28 |
| 14.0 | 1219 | 6.0 | | | 1.08 | 8.1 | | 8.7 | 8.5 | 92 | | 0.91 | 58 | | 17.20 | 14.17 | 12.45 |
| 14.0 | 1219 | 7.0 | | | 0.77 | 6.2 | | 8.4 | 8.3 | 91 | | 0.79 | 50 | | 22.16 | 13.57 | 16.37 |
| 14.0 | 1219 | 8.0 | | | 0.55 | 4.9 | | 8.3 | 8.1 | 91 | | 0.44 | 29 | | 24.98 | 13.19 | 18.61 |
| 14.0 | 1219 | 9.0 | | | 0.49 | 4.6 | | 8.3 | 8.1 | 91 | | 0.38 | 25 | | 25.75 | 13.08 | 19.23 |
| 14.0 | 1219 | 10.0 | | | 0.50 | 4.6 | | 8.3 | 8.1 | 91 | | 0.46 | 30 | | 26.03 | 13.06 | 19.44 |
| 14.0 | 1219 | 11.0 | | | 0.59 | 5.1 | | 8.3 | 8.1 | 91 | | 0.61 | 39 | | 26.20 | 13.03 | 19.59 |
| 14.0 | 1219 | 12.0 | | | 0.75 | 6.1 | | 8.3 | 8.2 | 91 | | 0.74 | 47 | | 26.34 | 13.00 | 19.70 |
| 14.0 | 1219 | 13.0 | | | 0.76 | 6.2 | | 8.3 | 8.2 | 92 | | 0.94 | 59 | | 26.41 | 12.99 | 19.75 |
| 15.0 | 1149 | 1.0 | | | 1.23 | 9.0 | | 9.7 | 9.4 | 101 | | 0.85 | 54 | 3.8 | 16.60 | 14.16 | 11.99 |
| 15.0 | 1149 | 2.0 | | 0.83 | 1.24 | 9.0 | 9.3 | 9.4 | 9.1 | 98 | 53.1 | 0.82 | 52 | | 16.60 | 14.15 | 11.99 |
| 15.0 | 1149 | 3.0 | | | 1.14 | 8.4 | | 9.3 | 9.0 | 97 | | 0.83 | 52 | | 18.24 | 13.73 | 13.32 |
| 15.0 | 1149 | 4.0 | | | 0.94 | 7.2 | | 9.1 | 8.9 | 96 | | 0.88 | 55 | | 20.07 | 13.50 | 14.77 |
| 15.0 | 1149 | 5.0 | | | 0.82 | 6.5 | | 9.1 | 8.8 | 97 | | 0.84 | 53 | | 21.44 | 13.37 | 15.85 |
| 15.0 | 1149 | 6.0 | | | 0.82 | 6.5 | | 9.1 | 8.9 | 97 | | 0.76 | 48 | | 21.51 | 13.34 | 15.91 |
| 15.0 | 1149 | 7.0 | | | 0.84 | 6.6 | | 9.2 | 8.9 | 97 | | 0.77 | 49 | | 21.53 | 13.34 | 15.93 |

North San Francisco Bay

April 1, 1997

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| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------------|-------------|-------|-------|-------|-------|
| 15.0 | 1149 | 8.0 | | | 0.86 | 6.8 | | 9.2 | 8.9 | 97 | | 0.87 | 55 | | 21.55 | 13.33 | 15.94 |
| 15.0 | 1149 | 9.0 | | | 0.90 | 7.0 | | 9.2 | 8.9 | 97 | | 0.98 | 62 | | 21.57 | 13.32 | 15.96 |
| 15.0 | 1149 | 10.0 | | | 1.04 | 7.8 | | 9.2 | 8.9 | 98 | | 1.10 | 69 | | 21.59 | 13.32 | 15.98 |
| 15.0 | 1149 | 11.0 | | | 1.13 | 8.4 | | 9.2 | 8.9 | 98 | | 1.17 | 73 | | 21.66 | 13.31 | 16.03 |
| 15.0 | 1149 | 12.0 | | | 1.11 | 8.3 | | 9.2 | 8.9 | 98 | | 1.24 | 77 | | 21.74 | 13.29 | 16.10 |
| 15.0 | 1149 | 13.0 | | | 1.14 | 8.5 | | 9.2 | 8.9 | 97 | | 1.25 | 78 | | 21.92 | 13.27 | 16.24 |
| 15.0 | 1149 | 14.0 | | | 1.21 | 8.8 | | 9.1 | 8.8 | 97 | | 1.37 | 85 | | 22.26 | 13.22 | 16.50 |
| 15.0 | 1149 | 15.0 | | | 1.24 | 9.0 | | 9.0 | 8.7 | 96 | | 1.38 | 86 | | 22.94 | 13.14 | 17.05 |
| 15.0 | 1149 | 16.0 | | | 1.20 | 8.8 | | 8.9 | 8.6 | 95 | | 1.35 | 84 | | 24.07 | 13.03 | 17.93 |
| 15.0 | 1149 | 17.0 | | | 1.08 | 8.1 | | 8.8 | 8.5 | 95 | | 1.33 | 83 | | 24.90 | 12.99 | 18.58 |
| 15.0 | 1149 | 18.0 | | | 0.92 | 7.1 | | 8.7 | 8.5 | 94 | | 1.12 | 70 | | 25.32 | 12.97 | 18.91 |
| 15.0 | 1149 | 19.0 | | | 0.83 | 6.6 | | 8.6 | 8.4 | 94 | | 1.03 | 65 | | 26.22 | 12.91 | 19.62 |
| 15.0 | 1149 | 20.0 | | | 0.81 | 6.5 | | 8.5 | 8.3 | 93 | | 1.14 | 71 | | 26.77 | 12.86 | 20.06 |
| 15.0 | 1149 | 21.0 | | | 0.87 | 6.8 | | 8.5 | 8.3 | 93 | | 1.40 | 87 | | 27.02 | 12.83 | 20.26 |
| 15.0 | 1149 | 22.0 | | | 0.93 | 7.2 | | 8.5 | 8.3 | 93 | | 1.50 | 93 | | 27.04 | 12.83 | 20.27 |
| 15.0 | 1149 | 23.0 | 9.0 | 0.59 | 0.92 | 7.1 | | 8.5 | 8.3 | 93 | | 1.48 | 92 | | 27.01 | 12.84 | 20.24 |
| 16.0 | 1111 | 1.0 | | | 0.37 | 3.8 | | 8.6 | 8.4 | 92 | | 0.34 | 22 | 1.5 | 22.69 | 13.18 | 16.85 |
| 16.0 | 1111 | 2.0 | | | 0.40 | 4.0 | | 8.4 | 8.3 | 91 | | 0.32 | 22 | | 22.75 | 13.16 | 16.90 |
| 16.0 | 1111 | 3.0 | | | 0.42 | 4.2 | | 8.4 | 8.2 | 90 | | 0.30 | 20 | | 23.55 | 12.98 | 17.54 |
| 16.0 | 1111 | 4.0 | | | 0.42 | 4.1 | | 8.3 | 8.2 | 90 | | 0.23 | 16 | | 24.49 | 12.84 | 18.30 |
| 16.0 | 1111 | 5.0 | | | 0.41 | 4.1 | | 8.3 | 8.1 | 90 | | 0.25 | 18 | | 24.81 | 12.82 | 18.55 |
| 16.0 | 1111 | 6.0 | | | 0.46 | 4.4 | | 8.3 | 8.1 | 90 | | 0.33 | 22 | | 24.92 | 12.81 | 18.63 |
| 16.0 | 1111 | 7.0 | | | 0.48 | 4.5 | | 8.3 | 8.1 | 90 | | 0.36 | 24 | | 25.05 | 12.80 | 18.73 |
| 16.0 | 1111 | 8.0 | | | 0.47 | 4.4 | | 8.3 | 8.1 | 90 | | 0.38 | 25 | | 25.08 | 12.80 | 18.76 |
| 16.0 | 1111 | 9.0 | | | 0.49 | 4.6 | | 8.2 | 8.1 | 90 | | 0.39 | 26 | | 25.17 | 12.78 | 18.83 |
| 16.0 | 1111 | 10.0 | | | 0.50 | 4.6 | | 8.2 | 8.1 | 90 | | 0.43 | 28 | | 25.42 | 12.76 | 19.03 |
| 16.0 | 1111 | 11.0 | | | 0.50 | 4.6 | | 8.2 | 8.1 | 89 | | 0.44 | 29 | | 25.49 | 12.75 | 19.09 |
| 16.0 | 1111 | 12.0 | | | 0.52 | 4.7 | | 8.1 | 8.0 | 89 | | 0.46 | 30 | | 26.01 | 12.69 | 19.50 |
| 16.0 | 1111 | 13.0 | | | 0.57 | 5.0 | | 8.0 | 7.9 | 88 | | 0.45 | 30 | | 26.98 | 12.57 | 20.27 |
| 16.0 | 1111 | 14.0 | | | 0.58 | 5.1 | | 8.0 | 7.9 | 88 | | 0.48 | 31 | | 27.28 | 12.54 | 20.51 |
| 16.0 | 1111 | 15.0 | | | 0.56 | 5.0 | | 8.0 | 7.9 | 89 | | 0.58 | 37 | | 27.59 | 12.51 | 20.75 |
| 17.0 | 1044 | 1.0 | | | 0.37 | 3.9 | | 8.6 | 8.4 | 93 | | 0.27 | 19 | 1.5 | 27.13 | 12.62 | 20.38 |
| 17.0 | 1044 | 2.0 | | | 0.40 | 4.0 | | 8.5 | 8.3 | 93 | | 0.27 | 18 | | 27.16 | 12.60 | 20.40 |
| 17.0 | 1044 | 3.0 | | | 0.43 | 4.2 | | 8.5 | 8.3 | 93 | | 0.26 | 18 | | 27.37 | 12.54 | 20.58 |
| 17.0 | 1044 | 4.0 | | | 0.43 | 4.2 | | 8.4 | 8.2 | 92 | | 0.24 | 17 | | 27.60 | 12.47 | 20.77 |
| 17.0 | 1044 | 5.0 | | | 0.43 | 4.2 | | 8.4 | 8.2 | 92 | | 0.22 | 16 | | 27.92 | 12.39 | 21.03 |
| 17.0 | 1044 | 6.0 | | | 0.42 | 4.2 | | 8.3 | 8.2 | 91 | | 0.22 | 15 | | 28.19 | 12.34 | 21.25 |
| 17.0 | 1044 | 7.0 | | | 0.42 | 4.2 | | 8.3 | 8.2 | 91 | | 0.20 | 15 | | 28.41 | 12.30 | 21.42 |
| 17.0 | 1044 | 8.0 | | | 0.42 | 4.2 | | 8.3 | 8.2 | 91 | | 0.20 | 14 | | 28.50 | 12.28 | 21.50 |
| 17.0 | 1044 | 9.0 | | | 0.41 | 4.1 | | 8.3 | 8.1 | 91 | | 0.19 | 14 | | 28.54 | 12.28 | 21.53 |
| 17.0 | 1044 | 10.0 | | | 0.41 | 4.1 | | 8.3 | 8.1 | 91 | | 0.18 | 13 | | 28.64 | 12.26 | 21.61 |

North San Francisco Bay

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| STN | TIME | DEPTH | DISC CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISC OXYG | OXYG | CALC OXYG | % OXY SAT | DISC SPM | OBS SPM | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|---------------|-----------------|-------|---------------|--------------|------|--------------|--------------|-------------|------------|-------------|-------|-------|-------|-------|
| 17.0 | 1044 | 11.0 | | | 0.42 | 4.1 | | 8.2 | 8.1 | 91 | | 0.19 | 14 | | 28.85 | 12.22 | 21.78 |
| 17.0 | 1044 | 12.0 | | | 0.41 | 4.1 | | 8.3 | 8.1 | 91 | | 0.25 | 17 | | 28.91 | 12.21 | 21.83 |
| 18.0 | 1016 | 1.0 | | | 0.27 | 3.2 | | 8.7 | 8.5 | 94 | | 0.17 | 13 | 1.0 | 25.91 | 12.58 | 19.44 |
| 18.0 | 1016 | 2.0 | 2.7 | 0.95 | 0.29 | 3.4 | 8.4 | 8.7 | 8.5 | 94 | 8.8 | 0.12 | 9 | | 25.92 | 12.57 | 19.45 |
| 18.0 | 1016 | 3.0 | | | 0.30 | 3.5 | | 8.7 | 8.5 | 94 | | 0.12 | 9 | | 25.92 | 12.58 | 19.45 |
| 18.0 | 1016 | 4.0 | | | 0.30 | 3.4 | | 8.7 | 8.5 | 94 | | 0.12 | 9 | | 25.96 | 12.55 | 19.48 |
| 18.0 | 1016 | 5.0 | | | 0.30 | 3.4 | | 8.7 | 8.5 | 94 | | 0.12 | 9 | | 25.95 | 12.56 | 19.48 |
| 18.0 | 1016 | 6.0 | | | 0.29 | 3.4 | | 8.7 | 8.5 | 94 | | 0.12 | 10 | | 26.09 | 12.51 | 19.59 |
| 18.0 | 1016 | 7.0 | | | 0.27 | 3.3 | | 8.7 | 8.5 | 94 | | 0.12 | 10 | | 26.32 | 12.49 | 19.77 |
| 18.0 | 1016 | 8.0 | | | 0.27 | 3.3 | | 8.6 | 8.4 | 94 | | 0.12 | 10 | | 26.48 | 12.48 | 19.90 |
| 18.0 | 1016 | 9.0 | | | 0.29 | 3.4 | | 8.6 | 8.4 | 94 | | 0.12 | 9 | | 26.64 | 12.47 | 20.02 |
| 18.0 | 1016 | 10.0 | | | 0.28 | 3.3 | | 8.6 | 8.4 | 94 | | 0.11 | 9 | | 26.67 | 12.47 | 20.05 |
| 18.0 | 1016 | 11.0 | | | 0.28 | 3.3 | | 8.7 | 8.4 | 94 | | 0.11 | 9 | | 26.74 | 12.48 | 20.10 |
| 18.0 | 1016 | 12.0 | | | 0.29 | 3.4 | | 8.7 | 8.5 | 94 | | 0.09 | 8 | | 26.81 | 12.48 | 20.16 |
| 18.0 | 1016 | 13.0 | | | 0.34 | 3.7 | | 8.7 | 8.4 | 94 | | 0.08 | 7 | | 26.84 | 12.48 | 20.18 |
| 18.0 | 1016 | 14.0 | | | 0.35 | 3.7 | | 8.6 | 8.4 | 94 | | 0.08 | 7 | | 26.98 | 12.46 | 20.28 |
| 18.0 | 1016 | 15.0 | | | 0.31 | 3.5 | | 8.6 | 8.4 | 94 | | 0.07 | 7 | | 27.13 | 12.45 | 20.41 |
| 18.0 | 1016 | 16.0 | | | 0.30 | 3.4 | | 8.6 | 8.4 | 93 | | 0.08 | 7 | | 27.23 | 12.43 | 20.49 |
| 18.0 | 1016 | 17.0 | | | 0.29 | 3.4 | | 8.5 | 8.4 | 93 | | 0.09 | 7 | | 27.37 | 12.41 | 20.60 |
| 18.0 | 1016 | 18.0 | | | 0.29 | 3.4 | | 8.5 | 8.3 | 93 | | 0.10 | 8 | | 27.46 | 12.40 | 20.67 |
| 18.0 | 1016 | 19.0 | | | 0.30 | 3.4 | | 8.5 | 8.3 | 93 | | 0.09 | 8 | | 27.59 | 12.38 | 20.78 |
| 18.0 | 1016 | 20.0 | | | 0.30 | 3.5 | | 8.5 | 8.3 | 93 | | 0.07 | 7 | | 27.76 | 12.35 | 20.91 |
| 18.0 | 1016 | 21.0 | | | 0.30 | 3.4 | | 8.4 | 8.3 | 92 | | 0.07 | 6 | | 27.94 | 12.31 | 21.05 |
| 18.0 | 1016 | 22.0 | | | 0.32 | 3.5 | | 8.4 | 8.2 | 92 | | 0.07 | 7 | | 28.11 | 12.28 | 21.20 |
| 18.0 | 1016 | 23.0 | | | 0.32 | 3.5 | | 8.4 | 8.2 | 91 | | 0.08 | 7 | | 28.41 | 12.22 | 21.44 |
| 18.0 | 1016 | 24.0 | | | 0.32 | 3.5 | | 8.3 | 8.2 | 91 | | 0.08 | 7 | | 28.56 | 12.19 | 21.56 |
| 18.0 | 1016 | 25.0 | | | 0.35 | 3.7 | | 8.3 | 8.1 | 91 | | 0.09 | 7 | | 28.84 | 12.14 | 21.78 |
| 18.0 | 1016 | 26.0 | | | 0.39 | 3.9 | | 8.2 | 8.1 | 90 | | 0.10 | 8 | | 29.03 | 12.10 | 21.94 |
| 18.0 | 1016 | 27.0 | | | 0.39 | 4.0 | | 8.2 | 8.1 | 90 | | 0.10 | 8 | | 29.31 | 12.06 | 22.16 |
| 18.0 | 1016 | 28.0 | | | 0.39 | 4.0 | | 8.1 | 8.0 | 89 | | 0.11 | 9 | | 29.49 | 12.02 | 22.31 |
| 18.0 | 1016 | 29.0 | | | 0.40 | 4.0 | | 8.0 | 7.9 | 89 | | 0.12 | 9 | | 29.88 | 11.95 | 22.62 |
| 18.0 | 1016 | 30.0 | | | 0.43 | 4.2 | | 8.0 | 7.9 | 89 | | 0.14 | 10 | | 30.31 | 11.86 | 22.98 |
| 18.0 | 1016 | 31.0 | | | 0.51 | 4.7 | | 8.0 | 7.9 | 88 | | 0.17 | 12 | | 30.52 | 11.81 | 23.15 |
| 18.0 | 1016 | 32.0 | | | 0.54 | 4.9 | | 8.0 | 7.9 | 88 | | 0.20 | 14 | | 30.58 | 11.80 | 23.19 |
| 18.0 | 1016 | 33.0 | | | 0.54 | 4.9 | | 8.0 | 7.9 | 88 | | 0.20 | 15 | | 30.62 | 11.79 | 23.23 |
| 18.0 | 1016 | 34.0 | | | 0.52 | 4.8 | | 8.0 | 7.9 | 88 | | 0.23 | 16 | | 30.65 | 11.78 | 23.25 |
| 18.0 | 1016 | 35.0 | | | 0.52 | 4.8 | | 7.9 | 7.9 | 88 | | 0.24 | 17 | | 30.68 | 11.77 | 23.28 |
| 18.0 | 1016 | 36.0 | | | 0.53 | 4.8 | | 7.9 | 7.8 | 88 | | 0.28 | 19 | | 30.70 | 11.77 | 23.29 |
| 20.0 | 1001 | 1.0 | | | 0.41 | 4.1 | | 8.8 | 8.5 | 96 | | 0.10 | 9 | 1.2 | 25.95 | 13.37 | 19.32 |
| 20.0 | 1001 | 2.0 | | | 0.42 | 4.1 | | 8.8 | 8.5 | 96 | | 0.11 | 9 | | 25.94 | 13.37 | 19.32 |
| 20.0 | 1001 | 3.0 | | | 0.46 | 4.4 | | 8.8 | 8.5 | 96 | | 0.11 | 9 | | 25.98 | 13.33 | 19.36 |

North San Francisco Bay

April 1, 1997

97091

| STN | TIME | DEPTH | DISCR CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|--------------------------|-------|---------------|---------------|--------------|--------------|--------------|--------|-------------|-----------|-------|-------|-------|
| 20.0 | 1001 | 4.0 | | 0.45 | 4.3 | | 8.8 | 8.6 | | 0.11 | 9 | | 26.00 | 13.32 | 19.37 |
| 20.0 | 1001 | 5.0 | | 0.38 | 3.9 | | 8.8 | 8.5 | | 0.11 | 9 | | 25.99 | 13.32 | 19.37 |
| 20.0 | 1001 | 6.0 | | 0.36 | 3.8 | | 8.8 | 8.5 | | 0.11 | 9 | | 26.02 | 13.29 | 19.40 |
| 20.0 | 1001 | 7.0 | | 0.37 | 3.9 | | 8.8 | 8.5 | | 0.12 | 9 | | 26.03 | 13.29 | 19.40 |
| 20.0 | 1001 | 8.0 | | 0.38 | 3.9 | | 8.7 | 8.5 | | 0.12 | 9 | | 26.03 | 13.28 | 19.41 |
| 20.0 | 1001 | 9.0 | | 0.38 | 3.9 | | 8.7 | 8.5 | | 0.12 | 9 | | 26.17 | 13.21 | 19.52 |
| 20.0 | 1001 | 10.0 | | 0.36 | 3.8 | | 8.7 | 8.4 | | 0.12 | 9 | | 26.34 | 13.14 | 19.67 |
| 20.0 | 1001 | 11.0 | | 0.35 | 3.8 | | 8.6 | 8.4 | | 0.12 | 9 | | 26.46 | 13.12 | 19.76 |
| 20.0 | 1001 | 12.0 | | 0.35 | 3.8 | | 8.6 | 8.4 | | 0.12 | 10 | | 26.76 | 13.07 | 20.01 |
| 20.0 | 1001 | 13.0 | | 0.38 | 3.9 | | 8.4 | 8.3 | | 0.13 | 10 | | 27.06 | 13.01 | 20.25 |
| 20.0 | 1001 | 14.0 | | 0.41 | 4.1 | | 8.4 | 8.2 | | 0.13 | 10 | | 27.47 | 12.92 | 20.58 |
| 20.0 | 1001 | 15.0 | | 0.41 | 4.1 | | 8.4 | 8.2 | | 0.15 | 11 | | 27.60 | 12.88 | 20.69 |
| 20.0 | 1001 | 16.0 | | 0.42 | 4.2 | | 8.4 | 8.2 | | 0.20 | 14 | | 27.76 | 12.83 | 20.83 |
| 20.0 | 1001 | 17.0 | | 0.43 | 4.2 | | 8.4 | 8.2 | | 0.22 | 16 | | 27.81 | 12.81 | 20.87 |
| 20.0 | 1001 | 18.0 | | 0.43 | 4.2 | | 8.4 | 8.2 | | 0.25 | 17 | | 27.85 | 12.79 | 20.90 |
| 20.0 | 1001 | 19.0 | | 0.41 | 4.1 | | 8.3 | 8.2 | | 0.28 | 19 | | 27.88 | 12.78 | 20.92 |
| 20.0 | 1001 | 20.0 | | 0.43 | 4.2 | | 8.3 | 8.1 | | 0.29 | 20 | | 27.99 | 12.75 | 21.01 |
| 20.0 | 1001 | 21.0 | | 0.50 | 4.6 | | 8.3 | 8.1 | | 0.30 | 21 | | 28.14 | 12.69 | 21.15 |
| 20.0 | 1001 | 22.0 | | 0.51 | 4.7 | | 8.3 | 8.1 | | 0.39 | 26 | | 28.23 | 12.65 | 21.22 |
| 20.0 | 1001 | 23.0 | | 0.54 | 4.9 | | 8.3 | 8.1 | | 0.42 | 27 | | 28.23 | 12.66 | 21.22 |
| 20.0 | 1001 | 24.0 | | 0.58 | 5.1 | | 8.3 | 8.1 | | 0.44 | 29 | | 28.34 | 12.62 | 21.31 |
| 20.0 | 1001 | 25.0 | | 0.60 | 5.2 | | 8.3 | 8.1 | | 0.61 | 39 | | 28.48 | 12.56 | 21.43 |
| 20.0 | 1001 | 26.0 | | 0.61 | 5.3 | | 8.3 | 8.1 | | 0.69 | 44 | | 28.53 | 12.55 | 21.47 |
| | | | | | | | | | | Slope | | Std. Err. | | | |
| | | | | | | | | | | Inter. | | | | | |
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Fluorometer Calibration:

OBS Calibration:

Dissolved Oxygen Calibration:

SeaBird v4.026

South San Francisco Bay

April 1, 1997

97091

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-----|-------|-------|-------|-------|
| 36.0 | 0623 | 1.0 | | | 4.59 | 47.4 | | 8.4 | 8.0 | 89 | | 1.95 | 125 | | 19.10 | 14.81 | 13.79 |
| 36.0 | 0623 | 2.0 | 44.9 | 0.78 | 4.64 | 47.8 | 8.0 | 8.4 | 8.1 | 90 | 126.6 | 1.96 | 126 | | 19.10 | 14.79 | 13.79 |
| 36.0 | 0623 | 3.0 | | | 4.54 | 46.8 | | 8.5 | 8.2 | 91 | | 1.97 | 126 | | 19.12 | 14.82 | 13.80 |
| 36.0 | 0623 | 4.0 | | | 4.22 | 43.6 | | 8.6 | 8.2 | 92 | | 1.96 | 126 | | 19.26 | 15.02 | 13.87 |
| 36.0 | 0623 | 5.0 | | | 3.80 | 39.2 | | 8.5 | 8.1 | 91 | | 1.94 | 124 | | 19.53 | 15.24 | 14.04 |
| 36.0 | 0623 | 6.0 | | | 3.56 | 36.7 | | 8.5 | 8.1 | 91 | | 1.89 | 122 | | 19.58 | 15.28 | 14.07 |
| 36.0 | 0623 | 7.0 | | | 3.47 | 35.8 | | 8.4 | 8.0 | 91 | | 1.93 | 124 | | 19.59 | 15.30 | 14.07 |
| 36.0 | 0623 | 8.0 | 40.9 | 0.74 | 3.48 | 35.9 | | 8.4 | 8.0 | 90 | | 1.94 | 125 | | 19.60 | 15.30 | 14.08 |
| 35.0 | 0635 | 1.0 | | | 3.25 | 33.5 | | 8.2 | 7.8 | 88 | | 1.37 | 88 | | 19.70 | 15.16 | 14.18 |
| 35.0 | 0635 | 2.0 | | | 3.26 | 33.6 | | 8.2 | 7.8 | 88 | | 1.37 | 88 | | 19.71 | 15.19 | 14.19 |
| 35.0 | 0635 | 3.0 | | | 3.15 | 32.5 | | 8.2 | 7.8 | 88 | | 1.37 | 88 | | 19.76 | 15.25 | 14.21 |
| 35.0 | 0635 | 4.0 | | | 2.97 | 30.6 | | 8.2 | 7.8 | 88 | | 1.38 | 89 | | 19.78 | 15.18 | 14.24 |
| 35.0 | 0635 | 5.0 | | | 2.80 | 28.8 | | 8.2 | 7.8 | 88 | | 1.41 | 90 | | 19.80 | 15.15 | 14.26 |
| 35.0 | 0635 | 6.0 | | | 2.63 | 27.1 | | 8.3 | 7.9 | 88 | | 1.39 | 89 | | 19.82 | 15.14 | 14.28 |
| 35.0 | 0635 | 7.0 | | | 2.46 | 25.3 | | 8.2 | 7.8 | 88 | | 1.34 | 86 | | 19.85 | 15.14 | 14.30 |
| 35.0 | 0635 | 8.0 | | | 2.26 | 23.3 | | 8.3 | 7.9 | 89 | | 1.29 | 83 | | 19.88 | 15.11 | 14.32 |
| 35.0 | 0635 | 9.0 | | | 2.26 | 23.2 | | 8.3 | 7.9 | 89 | | 1.24 | 80 | | 19.92 | 15.13 | 14.36 |
| 34.0 | 0647 | 1.0 | | | 1.78 | 18.3 | | 8.4 | 8.0 | 90 | | 1.02 | 65 | 3.8 | 20.45 | 15.01 | 14.78 |
| 34.0 | 0647 | 2.0 | | | 1.79 | 18.4 | | 8.4 | 8.0 | 90 | | 0.98 | 63 | | 20.46 | 15.07 | 14.79 |
| 34.0 | 0647 | 3.0 | | | 1.80 | 18.6 | | 8.5 | 8.1 | 91 | | 0.98 | 63 | | 20.48 | 15.08 | 14.79 |
| 34.0 | 0647 | 4.0 | | | 1.78 | 18.3 | | 8.4 | 8.0 | 91 | | 1.01 | 65 | | 20.50 | 15.15 | 14.80 |
| 34.0 | 0647 | 5.0 | | | 1.75 | 18.0 | | 8.4 | 8.0 | 91 | | 1.04 | 67 | | 20.52 | 15.16 | 14.81 |
| 34.0 | 0647 | 6.0 | | | 1.82 | 18.8 | | 8.4 | 8.0 | 90 | | 1.09 | 70 | | 20.52 | 15.15 | 14.81 |
| 34.0 | 0647 | 7.0 | | | 1.86 | 19.1 | | 8.4 | 8.0 | 90 | | 1.36 | 87 | | 20.51 | 15.14 | 14.81 |
| 32.0 | 0710 | 1.0 | | | 1.20 | 12.3 | | 8.7 | 8.3 | 94 | | 0.46 | 29 | 2.5 | 20.83 | 15.32 | 15.02 |
| 32.0 | 0710 | 2.0 | 11.9 | 0.86 | 1.15 | 11.8 | 8.3 | 8.7 | 8.3 | 94 | 25.7 | 0.44 | 28 | | 20.83 | 15.32 | 15.02 |
| 32.0 | 0710 | 3.0 | | | 1.15 | 11.8 | | 8.7 | 8.3 | 94 | | 0.43 | 28 | | 20.83 | 15.32 | 15.02 |
| 32.0 | 0710 | 4.0 | | | 1.12 | 11.5 | | 8.7 | 8.3 | 94 | | 0.44 | 28 | | 20.84 | 15.32 | 15.02 |
| 32.0 | 0710 | 5.0 | | | 1.15 | 11.8 | | 8.7 | 8.3 | 94 | | 0.44 | 28 | | 20.85 | 15.32 | 15.03 |
| 32.0 | 0710 | 6.0 | | | 1.19 | 12.2 | | 8.7 | 8.3 | 94 | | 0.47 | 30 | | 20.87 | 15.32 | 15.05 |
| 32.0 | 0710 | 7.0 | | | 1.23 | 12.6 | | 8.7 | 8.3 | 94 | | 0.47 | 30 | | 20.88 | 15.32 | 15.06 |
| 32.0 | 0710 | 8.0 | | | 1.25 | 12.8 | | 8.7 | 8.3 | 94 | | 0.49 | 31 | | 20.89 | 15.32 | 15.06 |
| 32.0 | 0710 | 9.0 | | | 1.34 | 13.7 | | 8.7 | 8.3 | 94 | | 0.50 | 32 | | 20.92 | 15.31 | 15.09 |
| 32.0 | 0710 | 10.0 | | | 1.43 | 14.7 | | 8.7 | 8.3 | 94 | | 0.54 | 34 | | 20.98 | 15.30 | 15.14 |
| 32.0 | 0710 | 11.0 | | | 1.43 | 14.7 | | 8.7 | 8.3 | 94 | | 0.56 | 36 | | 21.00 | 15.29 | 15.15 |
| 32.0 | 0710 | 12.0 | | | 1.46 | 15.1 | | 8.7 | 8.3 | 94 | | 0.62 | 39 | | 21.01 | 15.27 | 15.16 |
| 32.0 | 0710 | 13.0 | | | 1.61 | 16.6 | | 8.7 | 8.3 | 94 | | 0.69 | 44 | | 21.02 | 15.25 | 15.18 |
| 32.0 | 0710 | 14.0 | 14.6 | 0.85 | 1.64 | 16.9 | | 8.7 | 8.3 | 94 | | 0.80 | 51 | | 21.03 | 15.25 | 15.18 |

97091

April 1, 1997

South San Francisco Bay

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 30.0 | 0738 | 1.0 | | | 1.02 | 10.5 | | 8.8 | 8.4 | 96 | | 0.37 | 23 | | 21.53 | 15.21 | 15.58 |
| 30.0 | 0738 | 2.0 | 10.3 | 0.83 | 0.98 | 10.1 | 8.4 | 8.8 | 8.4 | 96 | | 0.35 | 22 | | 21.53 | 15.19 | 15.58 |
| 30.0 | 0738 | 3.0 | | | 0.95 | 9.7 | | 8.8 | 8.4 | 96 | | 0.34 | 22 | | 21.53 | 15.19 | 15.58 |
| 30.0 | 0738 | 4.0 | | | 1.01 | 10.4 | | 8.8 | 8.4 | 96 | | 0.34 | 22 | | 21.53 | 15.19 | 15.58 |
| 30.0 | 0738 | 5.0 | | | 1.02 | 10.4 | | 8.8 | 8.4 | 96 | | 0.34 | 22 | | 21.53 | 15.20 | 15.58 |
| 30.0 | 0738 | 6.0 | | | 0.99 | 10.1 | | 8.9 | 8.5 | 97 | | 0.34 | 22 | | 21.55 | 15.22 | 15.59 |
| 30.0 | 0738 | 7.0 | | | 1.02 | 10.4 | | 8.8 | 8.5 | 97 | | 0.34 | 22 | | 21.88 | 15.31 | 15.82 |
| 30.0 | 0738 | 8.0 | | | 1.05 | 10.8 | | 8.8 | 8.4 | 96 | | 0.33 | 21 | | 22.05 | 15.35 | 15.95 |
| 30.0 | 0738 | 9.0 | | | 1.10 | 11.2 | | 8.8 | 8.4 | 96 | | 0.35 | 22 | | 22.10 | 15.37 | 15.98 |
| 30.0 | 0738 | 10.0 | | | 1.12 | 11.5 | | 8.7 | 8.4 | 96 | | 0.36 | 23 | | 22.11 | 15.37 | 15.99 |
| 30.0 | 0738 | 11.0 | | | 1.13 | 11.6 | | 8.7 | 8.3 | 96 | | 0.37 | 24 | | 22.11 | 15.37 | 15.99 |
| 30.0 | 0738 | 12.0 | | | 1.09 | 11.2 | | 8.7 | 8.3 | 95 | | 0.41 | 26 | | 22.12 | 15.38 | 16.00 |
| 30.0 | 0738 | 13.0 | 11.3 | 0.79 | 1.08 | 11.0 | | 8.7 | 8.3 | 95 | | 0.44 | 28 | | 22.15 | 15.37 | 16.02 |
| 29.0 | 0800 | 1.0 | | | 0.81 | 8.2 | | 9.0 | 8.6 | 98 | | 0.17 | 10 | 1.5 | 22.47 | 15.12 | 16.32 |
| 29.0 | 0800 | 2.0 | | | 0.81 | 8.3 | | 9.0 | 8.6 | 98 | | 0.16 | 10 | | 22.46 | 15.12 | 16.31 |
| 29.0 | 0800 | 3.0 | | | 0.77 | 7.9 | | 9.0 | 8.6 | 99 | | 0.17 | 10 | | 22.46 | 15.12 | 16.31 |
| 29.0 | 0800 | 4.0 | | | 0.74 | 7.6 | | 9.0 | 8.6 | 98 | | 0.16 | 10 | | 22.47 | 15.12 | 16.31 |
| 29.0 | 0800 | 5.0 | | | 0.82 | 8.4 | | 9.0 | 8.6 | 99 | | 0.16 | 10 | | 22.48 | 15.13 | 16.32 |
| 29.0 | 0800 | 6.0 | | | 0.86 | 8.8 | | 9.0 | 8.6 | 99 | | 0.16 | 10 | | 22.50 | 15.14 | 16.33 |
| 29.0 | 0800 | 7.0 | | | 0.83 | 8.5 | | 9.0 | 8.6 | 99 | | 0.16 | 10 | | 22.55 | 15.15 | 16.37 |
| 29.0 | 0800 | 8.0 | | | 0.84 | 8.6 | | 9.0 | 8.6 | 98 | | 0.17 | 11 | | 22.57 | 15.15 | 16.39 |
| 29.0 | 0800 | 9.0 | | | 0.88 | 9.0 | | 9.0 | 8.6 | 98 | | 0.17 | 11 | | 22.61 | 15.13 | 16.42 |
| 29.0 | 0800 | 10.0 | | | 0.89 | 9.1 | | 9.0 | 8.6 | 98 | | 0.18 | 11 | | 22.63 | 15.10 | 16.44 |
| 29.0 | 0800 | 11.0 | | | 0.91 | 9.3 | | 9.0 | 8.6 | 98 | | 0.19 | 12 | | 22.64 | 15.08 | 16.45 |
| 29.0 | 0800 | 12.0 | | | 0.94 | 9.6 | | 9.0 | 8.6 | 98 | | 0.20 | 12 | | 22.65 | 15.08 | 16.46 |
| 29.0 | 0800 | 13.0 | | | 0.94 | 9.7 | | 9.0 | 8.6 | 98 | | 0.21 | 13 | | 22.71 | 15.09 | 16.51 |
| 29.0 | 0800 | 14.0 | | | 1.09 | 11.2 | | 9.0 | 8.6 | 98 | | 0.23 | 14 | | 22.92 | 15.07 | 16.67 |
| 29.0 | 0800 | 15.0 | | | 1.14 | 11.7 | | 9.0 | 8.6 | 99 | | 0.32 | 20 | | 23.01 | 15.02 | 16.75 |
| 27.0 | 0824 | 1.0 | | | 0.85 | 8.7 | | 9.1 | 8.7 | 100 | | 0.17 | 10 | 1.5 | 22.97 | 15.06 | 16.71 |
| 27.0 | 0824 | 2.0 | 8.4 | 1.00 | 0.82 | 8.4 | 8.7 | 9.1 | 8.7 | 100 | 11.2 | 0.16 | 10 | | 22.96 | 15.06 | 16.70 |
| 27.0 | 0824 | 3.0 | | | 0.93 | 9.5 | | 9.1 | 8.7 | 100 | | 0.16 | 10 | | 22.97 | 15.06 | 16.70 |
| 27.0 | 0824 | 4.0 | | | 0.96 | 9.8 | | 9.2 | 8.8 | 101 | | 0.18 | 11 | | 22.98 | 15.07 | 16.72 |
| 27.0 | 0824 | 5.0 | | | 0.95 | 9.7 | | 9.2 | 8.8 | 101 | | 0.19 | 12 | | 23.11 | 15.13 | 16.80 |
| 27.0 | 0824 | 6.0 | | | 0.96 | 9.9 | | 9.1 | 8.7 | 101 | | 0.16 | 10 | | 23.51 | 15.23 | 17.09 |
| 27.0 | 0824 | 7.0 | | | 1.02 | 10.4 | | 9.2 | 8.8 | 101 | | 0.15 | 9 | | 23.53 | 15.18 | 17.11 |
| 27.0 | 0824 | 8.0 | | | 1.03 | 10.6 | | 9.2 | 8.9 | 102 | | 0.12 | 8 | | 23.55 | 15.13 | 17.14 |
| 27.0 | 0824 | 9.0 | | | 1.06 | 10.9 | | 9.2 | 8.9 | 102 | | 0.12 | 7 | | 23.56 | 15.13 | 17.15 |
| 27.0 | 0824 | 10.0 | | | 1.21 | 12.4 | | 9.2 | 8.9 | 102 | | 0.14 | 9 | | 23.61 | 15.10 | 17.19 |
| 27.0 | 0824 | 11.0 | | | 1.21 | 12.4 | | 9.2 | 8.8 | 102 | | 0.18 | 11 | | 23.75 | 15.08 | 17.30 |
| 27.0 | 0824 | 12.0 | 11.3 | 0.89 | 1.18 | 12.1 | | 9.2 | 8.8 | 102 | | 0.26 | 17 | | 23.81 | 15.07 | 17.35 |

South San Francisco Bay

April 1, 1997

97091

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------------|-------------|-------|-------|-------|-------|
| 25.0 | 0848 | 1.0 | | | 0.88 | 9.0 | | 9.3 | 9.0 | 102 | | 0.11 | 7 | 1.4 | 23.98 | 14.49 | 17.59 |
| 25.0 | 0848 | 2.0 | | | 0.88 | 9.0 | | 9.3 | 9.0 | 102 | | 0.07 | 4 | | 23.99 | 14.49 | 17.60 |
| 25.0 | 0848 | 3.0 | | | 0.96 | 9.8 | | 9.4 | 9.0 | 102 | | 0.06 | 4 | | 23.99 | 14.48 | 17.60 |
| 25.0 | 0848 | 4.0 | | | 0.96 | 9.9 | | 9.2 | 8.9 | 101 | | 0.06 | 4 | | 24.19 | 14.39 | 17.78 |
| 25.0 | 0848 | 5.0 | | | 0.99 | 10.1 | | 9.2 | 8.8 | 100 | | 0.06 | 3 | | 24.64 | 14.18 | 18.16 |
| 25.0 | 0848 | 6.0 | | | 0.97 | 10.0 | | 9.2 | 8.8 | 100 | | 0.06 | 4 | | 24.82 | 14.14 | 18.31 |
| 25.0 | 0848 | 7.0 | | | 0.99 | 10.2 | | 9.1 | 8.8 | 100 | | 0.09 | 6 | | 24.91 | 14.13 | 18.38 |
| 25.0 | 0848 | 8.0 | | | 1.03 | 10.6 | | 9.2 | 8.8 | 100 | | 0.14 | 9 | | 24.94 | 14.10 | 18.41 |
| 24.0 | 0905 | 1.0 | | | 0.52 | 5.3 | | 9.0 | 8.6 | 98 | | 0.12 | 7 | 1.1 | 25.36 | 13.63 | 18.83 |
| 24.0 | 0905 | 2.0 | 5.2 | 0.89 | 0.56 | 5.7 | 8.7 | 9.0 | 8.7 | 98 | 7.7 | 0.12 | 7 | | 25.36 | 13.63 | 18.82 |
| 24.0 | 0905 | 3.0 | | | 0.55 | 5.7 | | 9.0 | 8.6 | 98 | | 0.12 | 7 | | 25.36 | 13.63 | 18.82 |
| 24.0 | 0905 | 4.0 | | | 0.51 | 5.2 | | 9.0 | 8.7 | 98 | | 0.13 | 8 | | 25.36 | 13.63 | 18.83 |
| 24.0 | 0905 | 5.0 | | | 0.52 | 5.3 | | 9.0 | 8.6 | 98 | | 0.11 | 7 | | 25.36 | 13.63 | 18.82 |
| 24.0 | 0905 | 6.0 | | | 0.59 | 6.0 | | 9.0 | 8.7 | 98 | | 0.11 | 7 | | 25.36 | 13.63 | 18.82 |
| 24.0 | 0905 | 7.0 | | | 0.60 | 6.2 | | 9.0 | 8.7 | 98 | | 0.12 | 7 | | 25.36 | 13.63 | 18.82 |
| 24.0 | 0905 | 8.0 | | | 0.53 | 5.4 | | 9.0 | 8.7 | 98 | | 0.10 | 6 | | 25.36 | 13.63 | 18.82 |
| 24.0 | 0905 | 9.0 | | | 0.52 | 5.3 | | 9.0 | 8.7 | 98 | | 0.10 | 6 | | 25.36 | 13.63 | 18.82 |
| 24.0 | 0905 | 10.0 | 5.9 | 0.77 | 0.55 | 5.6 | | 9.0 | 8.7 | 98 | | 0.11 | 7 | | 25.36 | 13.63 | 18.82 |
| 22.0 | 0930 | 1.0 | | | 0.38 | 3.9 | | 8.8 | 8.4 | 95 | | 0.07 | 4 | 1.0 | 25.78 | 13.41 | 19.19 |
| 22.0 | 0930 | 2.0 | | | 0.43 | 4.4 | | 8.8 | 8.5 | 95 | | 0.06 | 3 | | 25.78 | 13.41 | 19.19 |
| 22.0 | 0930 | 3.0 | | | 0.44 | 4.4 | | 8.9 | 8.5 | 95 | | 0.06 | 4 | | 25.78 | 13.40 | 19.19 |
| 22.0 | 0930 | 4.0 | | | 0.39 | 4.0 | | 8.8 | 8.5 | 95 | | 0.06 | 3 | | 25.78 | 13.40 | 19.19 |
| 22.0 | 0930 | 5.0 | | | 0.37 | 3.8 | | 8.9 | 8.5 | 95 | | 0.06 | 4 | | 25.79 | 13.40 | 19.19 |
| 22.0 | 0930 | 6.0 | | | 0.34 | 3.5 | | 8.8 | 8.5 | 95 | | 0.06 | 4 | | 25.80 | 13.41 | 19.20 |
| 22.0 | 0930 | 7.0 | | | 0.34 | 3.4 | | 8.8 | 8.4 | 95 | | 0.06 | 4 | | 25.81 | 13.41 | 19.21 |
| 22.0 | 0930 | 8.0 | | | 0.33 | 3.4 | | 8.8 | 8.4 | 95 | | 0.06 | 4 | | 25.83 | 13.39 | 19.23 |
| 22.0 | 0930 | 9.0 | | | 0.33 | 3.3 | | 8.7 | 8.3 | 94 | | 0.06 | 4 | | 25.87 | 13.37 | 19.27 |
| 22.0 | 0930 | 10.0 | | | 0.37 | 3.7 | | 8.6 | 8.2 | 93 | | 0.08 | 5 | | 26.25 | 13.30 | 19.57 |
| 22.0 | 0930 | 11.0 | | | 0.37 | 3.7 | | 8.5 | 8.1 | 91 | | 0.15 | 9 | | 26.58 | 13.22 | 19.84 |
| 22.0 | 0930 | 12.0 | | | 0.41 | 4.1 | | 8.4 | 8.0 | 90 | | 0.22 | 14 | | 26.85 | 13.14 | 20.07 |
| 22.0 | 0930 | 13.0 | | | 0.43 | 4.4 | | 8.3 | 7.9 | 89 | | 0.31 | 20 | | 27.19 | 13.04 | 20.35 |
| 22.0 | 0930 | 14.0 | | | 0.42 | 4.2 | | 8.3 | 7.9 | 89 | | 0.33 | 21 | | 27.45 | 12.95 | 20.56 |
| 22.0 | 0930 | 15.0 | | | 0.40 | 4.1 | | 8.3 | 7.9 | 89 | | 0.33 | 21 | | 27.67 | 12.88 | 20.75 |
| 22.0 | 0930 | 16.0 | | | 0.41 | 4.2 | | 8.3 | 7.9 | 89 | | 0.35 | 22 | | 27.80 | 12.84 | 20.85 |
| 22.0 | 0930 | 17.0 | | | 0.42 | 4.2 | | 8.3 | 7.9 | 89 | | 0.38 | 24 | | 27.81 | 12.84 | 20.86 |
| 21.0 | 0945 | 1.0 | | | 0.44 | 4.5 | | 8.9 | 8.5 | 95 | | 0.24 | 15 | 0.6 | 25.80 | 13.38 | 19.21 |
| 21.0 | 0945 | 2.0 | 4.1 | 0.91 | 0.43 | 4.4 | 8.5 | 8.9 | 8.5 | 96 | | 0.11 | 7 | | 25.80 | 13.38 | 19.21 |
| 21.0 | 0945 | 3.0 | | | 0.45 | 4.6 | | 8.9 | 8.5 | 96 | | 0.12 | 7 | | 25.80 | 13.37 | 19.21 |
| 21.0 | 0945 | 4.0 | | | 0.45 | 4.6 | | 8.9 | 8.5 | 96 | | 0.11 | 7 | | 25.80 | 13.37 | 19.21 |
| 21.0 | 0945 | 5.0 | | | 0.42 | 4.2 | | 8.9 | 8.5 | 96 | | 0.11 | 7 | | 25.80 | 13.37 | 19.21 |

| South San Francisco Bay | | | | | | | | | | April 1, 1997 | | | | 97091 | | | |
|-------------------------|------|-------|-------|------|--------|-------|-------|-------|------|---------------|----------------|-------|--------|-----------|-------|-------|-------|
| STN | TIME | DEPTH | DISCR | | CHL a/ | FLUOR | CALC | DISCR | CALC | % OXY | DISCR | OBS | CALC | EXCOF | SALIN | TEMP | SIGT |
| | | | CHL a | | a+PHA | | CHL a | OXYG | OXYG | SAT | SPM | | SPM | | | | |
| 21.0 | 0945 | 6.0 | | | | 0.41 | 4.2 | | 8.9 | 8.5 | 96 | 0.11 | 7 | | 25.80 | 13.37 | 19.21 |
| 21.0 | 0945 | 7.0 | | | | 0.43 | 4.4 | | 8.9 | 8.5 | 96 | 0.11 | 7 | | 25.81 | 13.37 | 19.22 |
| 21.0 | 0945 | 8.0 | | | | 0.44 | 4.4 | | 8.9 | 8.5 | 96 | 0.11 | 7 | | 25.81 | 13.37 | 19.22 |
| 21.0 | 0945 | 9.0 | | | | 0.41 | 4.2 | | 8.9 | 8.5 | 96 | 0.11 | 7 | | 25.81 | 13.37 | 19.22 |
| 21.0 | 0945 | 10.0 | | | | 0.37 | 3.7 | | 8.8 | 8.4 | 94 | 0.10 | 6 | | 25.93 | 13.34 | 19.32 |
| 21.0 | 0945 | 11.0 | | | | 0.35 | 3.6 | | 8.7 | 8.3 | 94 | 0.11 | 7 | | 26.36 | 13.25 | 19.66 |
| 21.0 | 0945 | 12.0 | | | | 0.35 | 3.5 | | 8.6 | 8.2 | 93 | 0.20 | 13 | | 26.53 | 13.19 | 19.81 |
| 21.0 | 0945 | 13.0 | | | | 0.39 | 3.9 | | 8.6 | 8.2 | 92 | 0.21 | 13 | | 26.80 | 13.13 | 20.03 |
| 21.0 | 0945 | 14.0 | | | | 0.43 | 4.4 | | 8.6 | 8.2 | 92 | 0.26 | 16 | | 26.92 | 13.09 | 20.13 |
| 21.0 | 0945 | 15.0 | | | | 0.43 | 4.4 | | 8.5 | 8.1 | 92 | 0.31 | 19 | | 26.98 | 13.07 | 20.18 |
| 21.0 | 0945 | 16.0 | | | | 0.46 | 4.7 | | 8.5 | 8.1 | 92 | 0.34 | 21 | | 27.07 | 13.04 | 20.25 |
| 21.0 | 0945 | 17.0 | | | | 0.43 | 4.3 | | 8.5 | 8.1 | 92 | 0.38 | 24 | | 27.15 | 13.02 | 20.32 |
| 21.0 | 0945 | 18.0 | 4.9 | 0.52 | | 0.39 | 4.0 | | 8.6 | 8.2 | 92 | 0.44 | 28 | | 27.19 | 13.01 | 20.35 |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | n | r ² | slope | Inter. | Std. Err. | | | |

| | | | | | | | | | | n | r ² | Slope | | Inter. | | Std. Err. | | | | | | | | | | | | | |
|-------------------------------|--|--|--|--|--|--|--|--|--|----|----------------|--------|--|--------|--|-----------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Fluorometer Calibration: | | | | | | | | | | 12 | 0.980 | 10.327 | | -0.073 | | 2.009 | | | | | | | | | | | | | |
| OBS Calibration: | | | | | | | | | | 4 | 0.999 | 64.457 | | -0.321 | | 1.807 | | | | | | | | | | | | | |
| Dissolved Oxygen Calibration: | | | | | | | | | | 6 | 0.990 | 1.035 | | -0.691 | | 0.027 | | | | | | | | | | | | | |

SeaBird v4.026

South San Francisco Bay

April 10, 1997

97100

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 36.0 | 1257 | 1.0 | | | 1.33 | 15.7 | | 7.5 | 6.9 | | 0.70 | 55 | 3.4 | 18.66 | 14.94 | 13.44 |
| 36.0 | 1257 | 2.0 | 11.8 | 0.59 | 1.35 | 15.9 | 7.1 | 7.7 | 7.1 | 58.8 | 0.72 | 57 | | 19.28 | 14.43 | 14.00 |
| 36.0 | 1257 | 3.0 | | | 1.38 | 16.3 | | 7.7 | 7.2 | | 0.93 | 75 | | 19.51 | 14.49 | 14.16 |
| 36.0 | 1257 | 4.0 | | | 1.50 | 17.6 | | 7.8 | 7.3 | | 1.29 | 106 | | 19.55 | 14.48 | 14.20 |
| 36.0 | 1257 | 5.0 | | | 1.46 | 17.1 | | 7.8 | 7.3 | | 3.11 | 262 | | 19.48 | 14.48 | 14.14 |
| 36.0 | 1257 | 6.0 | 21.9 | 0.16 | 1.41 | 16.5 | | 7.8 | 7.4 | | 9.60 | 818 | | 19.31 | 14.46 | 14.02 |
| 35.0 | 1248 | 1.0 | | | 1.34 | 15.8 | | 7.6 | 7.0 | | 1.80 | 150 | 6.5 | 19.51 | 14.75 | 14.11 |
| 35.0 | 1248 | 2.0 | | | 1.36 | 16.0 | | 7.5 | 6.9 | | 2.15 | 180 | | 19.60 | 14.61 | 14.21 |
| 35.0 | 1248 | 3.0 | | | 1.40 | 16.5 | | 7.5 | 6.9 | | 2.42 | 203 | | 19.66 | 14.55 | 14.27 |
| 35.0 | 1248 | 4.0 | | | 1.42 | 16.7 | | 7.6 | 7.0 | | 2.85 | 240 | | 19.68 | 14.55 | 14.29 |
| 35.0 | 1248 | 5.0 | | | 1.45 | 17.0 | | 7.5 | 6.9 | | 3.17 | 267 | | 19.72 | 14.55 | 14.32 |
| 35.0 | 1248 | 6.0 | | | 1.48 | 17.3 | | 7.6 | 7.0 | | 3.71 | 314 | | 19.73 | 14.53 | 14.33 |
| 35.0 | 1248 | 7.0 | | | 1.49 | 17.6 | | 7.6 | 7.0 | | 5.24 | 444 | | 19.73 | 14.53 | 14.32 |
| 35.0 | 1248 | 8.0 | | | 1.49 | 17.6 | | 7.6 | 7.0 | | 6.82 | 580 | | 19.73 | 14.53 | 14.32 |
| 34.0 | 1237 | 1.0 | | | 1.14 | 13.4 | | 7.3 | 6.5 | | 0.66 | 52 | 3.3 | 19.40 | 14.60 | 14.06 |
| 34.0 | 1237 | 2.0 | | | 1.14 | 13.3 | | 7.4 | 6.6 | | 0.79 | 63 | | 19.78 | 14.38 | 14.39 |
| 34.0 | 1237 | 3.0 | | | 1.12 | 13.1 | | 7.5 | 6.9 | | 1.05 | 85 | | 20.11 | 14.45 | 14.63 |
| 34.0 | 1237 | 4.0 | | | 1.15 | 13.5 | | 7.6 | 7.1 | | 1.31 | 108 | | 20.43 | 14.53 | 14.86 |
| 34.0 | 1237 | 5.0 | | | 1.22 | 14.3 | | 7.7 | 7.2 | | 2.15 | 180 | | 20.56 | 14.59 | 14.95 |
| 34.0 | 1237 | 6.0 | | | 1.29 | 15.2 | | 7.7 | 7.2 | | 3.63 | 307 | | 20.55 | 14.61 | 14.94 |
| 34.0 | 1237 | 7.0 | | | 1.29 | 15.2 | | 7.7 | 7.1 | | 6.14 | 522 | | 20.51 | 14.64 | 14.91 |
| 33.0 | 1224 | 1.0 | | | 1.09 | 12.8 | | 7.6 | 7.0 | | 0.59 | 46 | | 19.94 | 14.84 | 14.43 |
| 33.0 | 1224 | 2.0 | | | 1.06 | 12.5 | | 7.7 | 7.2 | | 0.73 | 58 | | 20.23 | 14.51 | 14.72 |
| 33.0 | 1224 | 3.0 | | | 1.02 | 12.0 | | 7.7 | 7.3 | | 0.74 | 58 | | 20.50 | 14.47 | 14.93 |
| 33.0 | 1224 | 4.0 | | | 1.01 | 11.8 | | 7.8 | 7.4 | | 0.74 | 59 | | 20.68 | 14.40 | 15.08 |
| 33.0 | 1224 | 5.0 | | | 1.00 | 11.7 | | 7.9 | 7.5 | | 0.70 | 55 | | 20.82 | 14.39 | 15.19 |
| 33.0 | 1224 | 6.0 | | | 0.95 | 11.2 | | 7.9 | 7.6 | | 0.66 | 52 | | 20.97 | 14.40 | 15.30 |
| 33.0 | 1224 | 7.0 | | | 0.91 | 10.7 | | 8.0 | 7.6 | | 0.61 | 48 | | 21.04 | 14.37 | 15.36 |
| 33.0 | 1224 | 8.0 | | | 0.89 | 10.5 | | 8.0 | 7.6 | | 0.55 | 43 | | 21.08 | 14.34 | 15.40 |
| 33.0 | 1224 | 9.0 | | | 0.88 | 10.3 | | 8.0 | 7.6 | | 0.54 | 42 | | 21.13 | 14.28 | 15.44 |
| 33.0 | 1224 | 10.0 | | | 0.93 | 10.9 | | 8.0 | 7.7 | | 0.70 | 56 | | 21.18 | 14.20 | 15.50 |
| 33.0 | 1224 | 11.0 | | | 1.05 | 12.4 | | 8.0 | 7.7 | | 1.10 | 90 | | 21.24 | 14.15 | 15.56 |
| 33.0 | 1224 | 12.0 | | | 1.17 | 13.7 | | 8.0 | 7.7 | | 2.32 | 194 | | 21.25 | 14.14 | 15.57 |
| 33.0 | 1224 | 13.0 | | | 1.15 | 13.5 | | 8.1 | 7.8 | | 5.86 | 497 | | 21.25 | 14.16 | 15.56 |
| 32.0 | 1215 | 1.0 | | | 0.99 | 11.6 | | 8.6 | 8.6 | | 0.28 | 19 | 1.9 | 20.60 | 15.63 | 14.78 |
| 32.0 | 1215 | 2.0 | 10.1 | 0.75 | 1.01 | 11.8 | 8.4 | 8.4 | 8.3 | 18.7 | 0.27 | 19 | | 20.74 | 14.95 | 15.02 |
| 32.0 | 1215 | 3.0 | | | 0.95 | 11.2 | | 8.4 | 8.3 | | 0.31 | 22 | | 20.90 | 14.48 | 15.23 |
| 32.0 | 1215 | 4.0 | | | 0.88 | 10.3 | | 8.4 | 8.3 | | 0.38 | 28 | | 20.94 | 14.47 | 15.27 |
| 32.0 | 1215 | 5.0 | | | 0.84 | 9.8 | | 8.4 | 8.4 | | 0.41 | 31 | | 21.10 | 14.49 | 15.38 |

South San Francisco Bay

April 10, 1997

97100

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------------|-------------|-------|-------|-------|-------|
| 32.0 | 1215 | 6.0 | | | 0.83 | 9.7 | | 8.4 | 8.4 | 94 | | 0.46 | 35 | | 21.18 | 14.56 | 15.43 |
| 32.0 | 1215 | 7.0 | | | 0.88 | 10.3 | | 8.4 | 8.3 | 94 | | 0.49 | 38 | | 21.24 | 14.59 | 15.47 |
| 32.0 | 1215 | 8.0 | | | 0.96 | 11.3 | | 8.4 | 8.3 | 93 | | 0.66 | 52 | | 21.26 | 14.54 | 15.50 |
| 32.0 | 1215 | 9.0 | | | 1.04 | 12.2 | | 8.4 | 8.4 | 94 | | 1.20 | 99 | | 21.25 | 14.50 | 15.50 |
| 32.0 | 1215 | 10.0 | | | 1.10 | 12.9 | | 8.4 | 8.4 | 94 | | 2.06 | 172 | | 21.24 | 14.49 | 15.49 |
| 32.0 | 1215 | 11.0 | | | 1.10 | 12.9 | | 8.5 | 8.4 | 94 | | 2.95 | 248 | | 21.24 | 14.49 | 15.49 |
| 31.0 | 1200 | 1.0 | | | 0.90 | 10.6 | | 8.2 | 8.0 | 91 | | 0.31 | 22 | 2.0 | 20.95 | 15.26 | 15.12 |
| 31.0 | 1200 | 2.0 | | | 0.89 | 10.5 | | 8.3 | 8.1 | 91 | | 0.34 | 25 | | 21.21 | 14.61 | 15.44 |
| 31.0 | 1200 | 3.0 | | | 0.81 | 9.5 | | 8.2 | 8.1 | 91 | | 0.36 | 26 | | 21.31 | 14.57 | 15.53 |
| 31.0 | 1200 | 4.0 | | | 0.76 | 8.9 | | 8.3 | 8.1 | 91 | | 0.36 | 27 | | 21.39 | 14.55 | 15.60 |
| 31.0 | 1200 | 5.0 | | | 0.77 | 9.0 | | 8.3 | 8.1 | 91 | | 0.39 | 29 | | 21.43 | 14.53 | 15.63 |
| 31.0 | 1200 | 6.0 | | | 0.77 | 9.1 | | 8.3 | 8.2 | 92 | | 0.42 | 32 | | 21.45 | 14.49 | 15.65 |
| 31.0 | 1200 | 7.0 | | | 0.77 | 9.0 | | 8.3 | 8.2 | 92 | | 0.46 | 35 | | 21.49 | 14.46 | 15.69 |
| 31.0 | 1200 | 8.0 | | | 0.77 | 9.1 | | 8.4 | 8.2 | 92 | | 0.45 | 34 | | 21.54 | 14.44 | 15.73 |
| 31.0 | 1200 | 9.0 | | | 0.82 | 9.6 | | 8.3 | 8.2 | 92 | | 0.45 | 34 | | 21.61 | 14.44 | 15.78 |
| 31.0 | 1200 | 10.0 | | | 0.86 | 10.1 | | 8.4 | 8.2 | 93 | | 0.63 | 50 | | 21.67 | 14.42 | 15.83 |
| 31.0 | 1200 | 11.0 | | | 0.88 | 10.3 | | 8.4 | 8.3 | 93 | | 1.00 | 81 | | 21.68 | 14.42 | 15.85 |
| 31.0 | 1200 | 12.0 | | | 0.88 | 10.3 | | 8.4 | 8.3 | 93 | | 1.24 | 102 | | 21.69 | 14.42 | 15.85 |
| 30.0 | 1144 | 1.0 | | | 0.78 | 9.1 | | 8.5 | 8.5 | 96 | | 0.28 | 19 | 1.8 | 21.64 | 14.66 | 15.77 |
| 30.0 | 1144 | 2.0 | 8.2 | 0.72 | 0.74 | 8.7 | 8.2 | 8.4 | 8.3 | 94 | 15.9 | 0.28 | 20 | | 21.75 | 14.56 | 15.87 |
| 30.0 | 1144 | 3.0 | | | 0.69 | 8.1 | | 8.4 | 8.4 | 94 | | 0.31 | 22 | | 21.89 | 14.44 | 16.00 |
| 30.0 | 1144 | 4.0 | | | 0.66 | 7.7 | | 8.4 | 8.4 | 94 | | 0.34 | 25 | | 21.95 | 14.37 | 16.06 |
| 30.0 | 1144 | 5.0 | | | 0.67 | 7.9 | | 8.4 | 8.4 | 94 | | 0.36 | 26 | | 21.96 | 14.36 | 16.07 |
| 30.0 | 1144 | 6.0 | | | 0.68 | 8.0 | | 8.4 | 8.4 | 94 | | 0.37 | 27 | | 21.99 | 14.34 | 16.10 |
| 30.0 | 1144 | 7.0 | | | 0.69 | 8.1 | | 8.5 | 8.4 | 94 | | 0.38 | 28 | | 22.02 | 14.30 | 16.13 |
| 30.0 | 1144 | 8.0 | | | 0.74 | 8.6 | | 8.5 | 8.4 | 95 | | 0.42 | 31 | | 22.20 | 14.28 | 16.27 |
| 30.0 | 1144 | 9.0 | | | 0.77 | 9.0 | | 8.4 | 8.4 | 94 | | 0.52 | 40 | | 22.30 | 14.31 | 16.34 |
| 30.0 | 1144 | 10.0 | | | 0.83 | 9.7 | | 8.4 | 8.3 | 93 | | 0.56 | 44 | | 22.35 | 14.29 | 16.38 |
| 30.0 | 1144 | 11.0 | | | 0.96 | 11.3 | | 8.4 | 8.3 | 93 | | 1.14 | 93 | | 22.37 | 14.25 | 16.41 |
| 30.0 | 1144 | 12.0 | 10.0 | 0.30 | 0.97 | 11.4 | | 8.4 | 8.4 | 94 | | 1.99 | 166 | | 22.38 | 14.23 | 16.41 |
| 29.5 | 1127 | 1.0 | | | 0.78 | 9.2 | | 8.5 | 8.5 | 98 | | 0.21 | 14 | 1.6 | 22.03 | 15.45 | 15.91 |
| 29.5 | 1127 | 2.0 | | | 0.86 | 10.1 | | 8.5 | 8.5 | 96 | | 0.21 | 14 | | 22.12 | 14.80 | 16.11 |
| 29.5 | 1127 | 3.0 | | | 0.74 | 8.7 | | 8.5 | 8.4 | 95 | | 0.26 | 18 | | 22.19 | 14.47 | 16.23 |
| 29.5 | 1127 | 4.0 | | | 0.70 | 8.2 | | 8.4 | 8.4 | 94 | | 0.31 | 22 | | 22.33 | 14.47 | 16.34 |
| 29.5 | 1127 | 5.0 | | | 0.75 | 8.8 | | 8.4 | 8.4 | 94 | | 0.36 | 27 | | 22.49 | 14.47 | 16.46 |
| 29.5 | 1127 | 6.0 | | | 0.76 | 8.9 | | 8.4 | 8.3 | 94 | | 0.39 | 29 | | 22.58 | 14.46 | 16.53 |
| 29.5 | 1127 | 7.0 | | | 0.73 | 8.5 | | 8.4 | 8.4 | 95 | | 0.41 | 30 | | 22.65 | 14.38 | 16.60 |
| 29.5 | 1127 | 8.0 | | | 0.74 | 8.7 | | 8.5 | 8.5 | 96 | | 0.43 | 33 | | 22.70 | 14.33 | 16.64 |
| 29.5 | 1127 | 9.0 | | | 0.79 | 9.2 | | 8.5 | 8.5 | 96 | | 0.45 | 34 | | 22.75 | 14.36 | 16.68 |
| 29.5 | 1127 | 10.0 | | | 0.81 | 9.5 | | 8.5 | 8.5 | 96 | | 0.49 | 37 | | 22.82 | 14.41 | 16.72 |

South San Francisco Bay

April 10, 1997

97100

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 29.5 | 1127 | 11.0 | | | 0.82 | 9.6 | | 8.5 | 8.4 | 96 | | 0.51 | 39 | | 22.88 | 14.46 | 16.75 |
| 29.5 | 1127 | 12.0 | | | 0.86 | 10.1 | | 8.4 | 8.3 | 94 | | 0.54 | 42 | | 22.89 | 14.42 | 16.77 |
| 29.5 | 1127 | 13.0 | | | 0.98 | 11.5 | | 8.4 | 8.4 | 95 | | 0.69 | 54 | | 22.92 | 14.32 | 16.81 |
| 29.5 | 1127 | 14.0 | | | 0.99 | 11.6 | | 8.5 | 8.5 | 96 | | 1.77 | 147 | | 22.96 | 14.20 | 16.87 |
| 29.0 | 1116 | 1.0 | | | 0.76 | 8.9 | | 8.4 | 8.4 | 95 | | 0.26 | 18 | 1.8 | 22.38 | 14.60 | 16.35 |
| 29.0 | 1116 | 2.0 | | | 0.75 | 8.7 | | 8.4 | 8.3 | 93 | | 0.28 | 19 | | 22.53 | 14.53 | 16.47 |
| 29.0 | 1116 | 3.0 | | | 0.73 | 8.6 | | 8.4 | 8.3 | 93 | | 0.39 | 29 | | 22.65 | 14.45 | 16.58 |
| 29.0 | 1116 | 4.0 | | | 0.69 | 8.1 | | 8.4 | 8.3 | 94 | | 0.41 | 31 | | 22.66 | 14.43 | 16.59 |
| 29.0 | 1116 | 5.0 | | | 0.66 | 7.7 | | 8.3 | 8.2 | 93 | | 0.40 | 30 | | 22.67 | 14.40 | 16.61 |
| 29.0 | 1116 | 6.0 | | | 0.63 | 7.4 | | 8.4 | 8.3 | 94 | | 0.35 | 25 | | 22.71 | 14.31 | 16.66 |
| 29.0 | 1116 | 7.0 | | | 0.66 | 7.7 | | 8.4 | 8.3 | 94 | | 0.37 | 27 | | 22.74 | 14.31 | 16.68 |
| 29.0 | 1116 | 8.0 | | | 0.73 | 8.5 | | 8.4 | 8.4 | 94 | | 0.46 | 35 | | 22.78 | 14.32 | 16.71 |
| 29.0 | 1116 | 9.0 | | | 0.82 | 9.6 | | 8.4 | 8.4 | 94 | | 0.64 | 50 | | 22.83 | 14.34 | 16.74 |
| 29.0 | 1116 | 10.0 | | | 0.87 | 10.2 | | 8.4 | 8.4 | 94 | | 0.75 | 60 | | 22.87 | 14.35 | 16.77 |
| 29.0 | 1116 | 11.0 | | | 0.84 | 9.9 | | 8.4 | 8.4 | 95 | | 0.89 | 72 | | 22.91 | 14.35 | 16.80 |
| 29.0 | 1116 | 12.0 | | | 0.88 | 10.4 | | 8.4 | 8.4 | 94 | | 0.99 | 80 | | 22.97 | 14.38 | 16.84 |
| 29.0 | 1116 | 13.0 | | | 0.91 | 10.6 | | 8.4 | 8.3 | 94 | | 1.30 | 107 | | 23.04 | 14.41 | 16.89 |
| 28.0 | 1102 | 1.0 | | | 0.69 | 8.0 | | 8.4 | 8.3 | 94 | | 0.28 | 19 | 1.8 | 22.72 | 14.63 | 16.61 |
| 28.0 | 1102 | 2.0 | | | 0.67 | 7.8 | | 8.3 | 8.2 | 93 | | 0.29 | 21 | | 22.85 | 14.39 | 16.75 |
| 28.0 | 1102 | 3.0 | | | 0.63 | 7.4 | | 8.3 | 8.2 | 93 | | 0.32 | 23 | | 22.91 | 14.30 | 16.81 |
| 28.0 | 1102 | 4.0 | | | 0.63 | 7.3 | | 8.4 | 8.3 | 94 | | 0.31 | 22 | | 22.95 | 14.25 | 16.85 |
| 28.0 | 1102 | 5.0 | | | 0.63 | 7.4 | | 8.4 | 8.4 | 94 | | 0.31 | 22 | | 22.98 | 14.24 | 16.88 |
| 28.0 | 1102 | 6.0 | | | 0.63 | 7.4 | | 8.5 | 8.4 | 95 | | 0.32 | 23 | | 23.00 | 14.26 | 16.89 |
| 28.0 | 1102 | 7.0 | | | 0.67 | 7.9 | | 8.5 | 8.5 | 95 | | 0.34 | 25 | | 23.02 | 14.27 | 16.90 |
| 28.0 | 1102 | 8.0 | | | 0.67 | 7.9 | | 8.5 | 8.5 | 96 | | 0.34 | 25 | | 23.02 | 14.27 | 16.90 |
| 28.0 | 1102 | 9.0 | | | 0.65 | 7.6 | | 8.5 | 8.5 | 96 | | 0.35 | 26 | | 23.03 | 14.28 | 16.91 |
| 28.0 | 1102 | 10.0 | | | 0.65 | 7.7 | | 8.6 | 8.6 | 97 | | 0.35 | 26 | | 23.05 | 14.29 | 16.92 |
| 28.0 | 1102 | 11.0 | | | 0.70 | 8.2 | | 8.6 | 8.6 | 97 | | 0.37 | 27 | | 23.09 | 14.31 | 16.95 |
| 28.0 | 1102 | 12.0 | | | 0.75 | 8.8 | | 8.6 | 8.6 | 97 | | 0.67 | 53 | | 23.23 | 14.26 | 17.07 |
| 28.0 | 1102 | 13.0 | | | 0.81 | 9.5 | | 8.6 | 8.6 | 97 | | 1.03 | 83 | | 23.27 | 14.23 | 17.10 |
| 28.0 | 1102 | 14.0 | | | 0.83 | 9.7 | | 8.6 | 8.6 | 97 | | 2.19 | 183 | | 23.28 | 14.22 | 17.11 |
| 27.0 | 1049 | 1.0 | | | 0.66 | 7.7 | | 8.5 | 8.5 | 96 | | 0.27 | 19 | 1.8 | 22.91 | 14.55 | 16.77 |
| 27.0 | 1049 | 2.0 | 10.6 | 0.82 | 0.64 | 7.5 | 8.6 | 8.5 | 8.5 | 95 | 15.9 | 0.29 | 20 | | 23.03 | 14.35 | 16.89 |
| 27.0 | 1049 | 3.0 | | | 0.62 | 7.2 | | 8.5 | 8.5 | 95 | | 0.32 | 23 | | 23.05 | 14.33 | 16.92 |
| 27.0 | 1049 | 4.0 | | | 0.62 | 7.2 | | 8.5 | 8.5 | 96 | | 0.35 | 26 | | 23.09 | 14.31 | 16.95 |
| 27.0 | 1049 | 5.0 | | | 0.63 | 7.4 | | 8.5 | 8.5 | 96 | | 0.39 | 29 | | 23.14 | 14.31 | 16.99 |
| 27.0 | 1049 | 6.0 | | | 0.63 | 7.4 | | 8.5 | 8.5 | 96 | | 0.39 | 29 | | 23.20 | 14.30 | 17.04 |
| 27.0 | 1049 | 7.0 | | | 0.63 | 7.4 | | 8.6 | 8.6 | 97 | | 0.38 | 28 | | 23.25 | 14.30 | 17.07 |
| 27.0 | 1049 | 8.0 | | | 0.65 | 7.6 | | 8.6 | 8.6 | 97 | | 0.33 | 24 | | 23.28 | 14.30 | 17.09 |
| 27.0 | 1049 | 9.0 | | | 0.68 | 7.9 | | 8.6 | 8.6 | 97 | | 0.31 | 22 | | 23.52 | 14.27 | 17.29 |

South San Francisco Bay

April 10, 1997

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| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 27.0 | 1049 | 10.0 | | | 0.70 | 8.2 | | 8.6 | 8.6 | 97 | | 0.58 | 45 | | 23.78 | 14.24 | 17.49 |
| 27.0 | 1049 | 11.0 | 7.5 | 0.46 | 0.69 | 8.1 | | 8.6 | 8.6 | 97 | | 0.90 | 73 | | 23.80 | 14.24 | 17.50 |
| 26.0 | 1034 | 1.0 | | | 0.82 | 9.6 | | 8.5 | 8.6 | 97 | | 0.25 | 17 | 1.7 | 22.81 | 14.73 | 16.65 |
| 26.0 | 1034 | 2.0 | | | 0.83 | 9.7 | | 8.5 | 8.5 | 96 | | 0.22 | 15 | | 23.01 | 14.52 | 16.85 |
| 26.0 | 1034 | 3.0 | | | 0.78 | 9.1 | | 8.5 | 8.4 | 95 | | 0.25 | 17 | | 23.13 | 14.46 | 16.95 |
| 26.0 | 1034 | 4.0 | | | 0.77 | 9.0 | | 8.4 | 8.4 | 95 | | 0.28 | 19 | | 23.18 | 14.44 | 16.99 |
| 26.0 | 1034 | 5.0 | | | 0.77 | 9.0 | | 8.5 | 8.4 | 95 | | 0.32 | 23 | | 23.20 | 14.44 | 17.01 |
| 26.0 | 1034 | 6.0 | | | 0.74 | 8.7 | | 8.5 | 8.4 | 95 | | 0.33 | 23 | | 23.23 | 14.44 | 17.03 |
| 26.0 | 1034 | 7.0 | | | 0.71 | 8.3 | | 8.4 | 8.4 | 95 | | 0.34 | 25 | | 23.26 | 14.43 | 17.05 |
| 26.0 | 1034 | 8.0 | | | 0.75 | 8.8 | | 8.5 | 8.4 | 95 | | 0.34 | 25 | | 23.27 | 14.43 | 17.07 |
| 26.0 | 1034 | 9.0 | | | 0.76 | 8.9 | | 8.5 | 8.4 | 95 | | 0.36 | 27 | | 23.30 | 14.43 | 17.09 |
| 25.0 | 1018 | 1.0 | | | 0.79 | 9.3 | | 8.6 | 8.7 | 99 | | 0.21 | 13 | 1.4 | 23.71 | 14.58 | 17.37 |
| 25.0 | 1018 | 2.0 | | | 0.78 | 9.1 | | 8.6 | 8.6 | 98 | | 0.18 | 11 | | 23.82 | 14.38 | 17.50 |
| 25.0 | 1018 | 3.0 | | | 0.71 | 8.4 | | 8.5 | 8.5 | 97 | | 0.17 | 10 | | 23.94 | 14.32 | 17.60 |
| 25.0 | 1018 | 4.0 | | | 0.68 | 7.9 | | 8.5 | 8.5 | 96 | | 0.17 | 10 | | 24.03 | 14.28 | 17.68 |
| 25.0 | 1018 | 5.0 | | | 0.66 | 7.7 | | 8.5 | 8.5 | 97 | | 0.20 | 12 | | 24.10 | 14.26 | 17.73 |
| 25.0 | 1018 | 6.0 | | | 0.62 | 7.2 | | 8.5 | 8.5 | 96 | | 0.18 | 11 | | 24.17 | 14.24 | 17.79 |
| 25.0 | 1018 | 7.0 | | | 0.60 | 7.0 | | 8.6 | 8.6 | 98 | | 0.19 | 12 | | 24.28 | 14.19 | 17.88 |
| 24.0 | 1000 | 1.0 | | | 0.56 | 6.5 | | 8.7 | 8.8 | 100 | | 0.14 | 7 | 1.2 | 24.99 | 14.22 | 18.43 |
| 24.0 | 1000 | 2.0 | 9.0 | 0.83 | 0.58 | 6.8 | 8.6 | 8.7 | 8.8 | 99 | 9.6 | 0.13 | 6 | | 25.01 | 14.02 | 18.48 |
| 24.0 | 1000 | 3.0 | | | 0.57 | 6.7 | | 8.6 | 8.7 | 98 | | 0.13 | 7 | | 25.05 | 13.97 | 18.52 |
| 24.0 | 1000 | 4.0 | | | 0.55 | 6.4 | | 8.6 | 8.6 | 98 | | 0.13 | 7 | | 25.10 | 13.95 | 18.56 |
| 24.0 | 1000 | 5.0 | | | 0.51 | 6.0 | | 8.6 | 8.6 | 98 | | 0.13 | 7 | | 25.14 | 13.93 | 18.59 |
| 24.0 | 1000 | 6.0 | | | 0.49 | 5.7 | | 8.6 | 8.6 | 98 | | 0.14 | 7 | | 25.17 | 13.92 | 18.62 |
| 24.0 | 1000 | 7.0 | | | 0.47 | 5.5 | | 8.6 | 8.6 | 98 | | 0.14 | 8 | | 25.22 | 13.90 | 18.66 |
| 24.0 | 1000 | 8.0 | | | 0.49 | 5.7 | | 8.6 | 8.6 | 97 | | 0.15 | 8 | | 25.28 | 13.88 | 18.72 |
| 24.0 | 1000 | 9.0 | 5.5 | 0.67 | 0.50 | 5.8 | | 8.6 | 8.6 | 98 | | 0.17 | 10 | | 25.39 | 13.85 | 18.81 |
| 23.0 | 0945 | 1.0 | | | 0.51 | 6.0 | | 8.4 | 8.3 | 94 | | 0.17 | 10 | 1.2 | 25.23 | 13.98 | 18.66 |
| 23.0 | 0945 | 2.0 | | | 0.51 | 6.0 | | 8.3 | 8.2 | 93 | | 0.16 | 9 | | 25.28 | 13.93 | 18.70 |
| 23.0 | 0945 | 3.0 | | | 0.52 | 6.1 | | 8.3 | 8.2 | 93 | | 0.15 | 8 | | 25.35 | 13.91 | 18.76 |
| 23.0 | 0945 | 4.0 | | | 0.53 | 6.2 | | 8.4 | 8.3 | 94 | | 0.15 | 9 | | 25.41 | 13.90 | 18.81 |
| 23.0 | 0945 | 5.0 | | | 0.51 | 6.0 | | 8.4 | 8.3 | 94 | | 0.16 | 9 | | 25.48 | 13.87 | 18.87 |
| 23.0 | 0945 | 6.0 | | | 0.52 | 6.0 | | 8.4 | 8.3 | 94 | | 0.17 | 10 | | 25.49 | 13.86 | 18.88 |
| 23.0 | 0945 | 7.0 | | | 0.52 | 6.1 | | 8.4 | 8.3 | 94 | | 0.17 | 10 | | 25.50 | 13.86 | 18.88 |
| 23.0 | 0945 | 8.0 | | | 0.50 | 5.9 | | 8.4 | 8.3 | 94 | | 0.18 | 11 | | 25.52 | 13.85 | 18.91 |
| 23.0 | 0945 | 9.0 | | | 0.49 | 5.7 | | 8.4 | 8.3 | 94 | | 0.19 | 12 | | 25.54 | 13.85 | 18.92 |
| 23.0 | 0945 | 10.0 | | | 0.49 | 5.7 | | 8.4 | 8.3 | 94 | | 0.22 | 14 | | 25.55 | 13.84 | 18.93 |
| 23.0 | 0945 | 11.0 | | | 0.51 | 5.9 | | 8.4 | 8.3 | 94 | | 0.24 | 16 | | 25.57 | 13.84 | 18.94 |
| 23.0 | 0945 | 12.0 | | | 0.52 | 6.0 | | 8.4 | 8.2 | 94 | | 0.25 | 17 | | 25.57 | 13.84 | 18.94 |

South San Francisco Bay

April 10, 1997

97100

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|----------------|-----------|-------|-------|-------|
| 23.0 | 0945 | 13.0 | | | 0.56 | 6.5 | | 8.4 | 8.2 | 94 | | 0.27 | 19 | | 25.58 | 13.84 | 18.95 |
| 23.0 | 0945 | 14.0 | | | 0.58 | 6.8 | | 8.3 | 8.2 | 94 | | 0.27 | 19 | | 25.67 | 13.81 | 19.03 |
| 22.0 | 0925 | 1.0 | | | 0.53 | 6.1 | | 8.4 | 8.3 | 94 | | 0.18 | 11 | 1.2 | 24.62 | 14.36 | 18.11 |
| 22.0 | 0925 | 2.0 | | | 0.54 | 6.3 | | 8.3 | 8.1 | 92 | | 0.14 | 7 | | 25.13 | 14.10 | 18.55 |
| 22.0 | 0925 | 3.0 | | | 0.49 | 5.7 | | 8.2 | 8.0 | 91 | | 0.14 | 8 | | 25.46 | 13.93 | 18.84 |
| 22.0 | 0925 | 4.0 | | | 0.48 | 5.6 | | 8.2 | 8.1 | 91 | | 0.15 | 8 | | 25.66 | 13.87 | 19.01 |
| 22.0 | 0925 | 5.0 | | | 0.49 | 5.7 | | 8.2 | 8.0 | 91 | | 0.16 | 9 | | 25.81 | 13.86 | 19.12 |
| 22.0 | 0925 | 6.0 | | | 0.45 | 5.2 | | 8.1 | 7.9 | 90 | | 0.18 | 11 | | 25.93 | 13.82 | 19.23 |
| 22.0 | 0925 | 7.0 | | | 0.40 | 4.7 | | 8.2 | 8.0 | 90 | | 0.19 | 12 | | 26.10 | 13.71 | 19.38 |
| 22.0 | 0925 | 8.0 | | | 0.41 | 4.8 | | 8.2 | 8.0 | 90 | | 0.19 | 12 | | 26.18 | 13.67 | 19.45 |
| 22.0 | 0925 | 9.0 | | | 0.44 | 5.1 | | 8.2 | 8.0 | 91 | | 0.20 | 12 | | 26.31 | 13.62 | 19.56 |
| 22.0 | 0925 | 10.0 | | | 0.44 | 5.2 | | 8.1 | 7.9 | 90 | | 0.20 | 13 | | 26.40 | 13.59 | 19.63 |
| 22.0 | 0925 | 11.0 | | | 0.43 | 5.1 | | 8.1 | 7.9 | 90 | | 0.21 | 13 | | 26.59 | 13.51 | 19.80 |
| 22.0 | 0925 | 12.0 | | | 0.43 | 5.0 | | 8.2 | 7.9 | 90 | | 0.22 | 14 | | 26.76 | 13.44 | 19.94 |
| 22.0 | 0925 | 13.0 | | | 0.44 | 5.2 | | 8.2 | 8.0 | 90 | | 0.23 | 15 | | 26.82 | 13.42 | 19.99 |
| 22.0 | 0925 | 14.0 | | | 0.46 | 5.4 | | 8.2 | 8.0 | 90 | | 0.25 | 17 | | 26.84 | 13.42 | 20.01 |
| 22.0 | 0925 | 15.0 | | | 0.49 | 5.7 | | 8.2 | 8.0 | 91 | | 0.30 | 21 | | 26.87 | 13.41 | 20.03 |
| 22.0 | 0925 | 16.0 | | | 0.47 | 5.5 | | 8.2 | 8.0 | 90 | | 0.33 | 24 | | 26.89 | 13.41 | 20.04 |
| 22.0 | 0925 | 17.0 | | | 0.45 | 5.3 | | 8.2 | 8.0 | 91 | | 0.38 | 28 | | 26.93 | 13.40 | 20.08 |
| 21.0 | 0908 | 1.0 | | | 0.69 | 8.0 | | 8.4 | 8.3 | 95 | | 0.26 | 18 | 1.7 | 24.57 | 14.47 | 18.05 |
| 21.0 | 0908 | 2.0 | | | 0.66 | 7.8 | | 8.3 | 8.2 | 94 | 20.5 | 0.25 | 17 | | 24.78 | 14.38 | 18.23 |
| 21.0 | 0908 | 3.0 | 6.8 | 0.70 | 0.60 | 7.0 | 8.1 | 8.2 | 8.0 | 91 | | 0.28 | 20 | | 24.96 | 14.30 | 18.39 |
| 21.0 | 0908 | 4.0 | | | 0.58 | 6.7 | | 8.2 | 8.0 | 91 | | 0.30 | 21 | | 25.31 | 14.13 | 18.69 |
| 21.0 | 0908 | 5.0 | | | 0.57 | 6.7 | | 8.2 | 8.0 | 92 | | 0.37 | 27 | | 25.59 | 14.05 | 18.92 |
| 21.0 | 0908 | 6.0 | | | 0.58 | 6.8 | | 8.2 | 8.0 | 91 | | 0.39 | 29 | | 25.68 | 14.02 | 19.00 |
| 21.0 | 0908 | 7.0 | | | 0.58 | 6.8 | | 8.2 | 8.0 | 91 | | 0.40 | 30 | | 25.89 | 13.97 | 19.16 |
| 21.0 | 0908 | 8.0 | | | 0.57 | 6.7 | | 8.1 | 7.9 | 90 | | 0.41 | 31 | | 26.11 | 13.90 | 19.35 |
| 21.0 | 0908 | 9.0 | | | 0.55 | 6.4 | | 8.1 | 7.9 | 90 | | 0.40 | 30 | | 26.35 | 13.78 | 19.56 |
| 21.0 | 0908 | 10.0 | | | 0.55 | 6.5 | | 8.2 | 7.9 | 90 | | 0.41 | 30 | | 26.48 | 13.73 | 19.66 |
| 21.0 | 0908 | 11.0 | | | 0.55 | 6.4 | | 8.1 | 7.9 | 90 | | 0.43 | 32 | | 26.57 | 13.70 | 19.74 |
| 21.0 | 0908 | 12.0 | | | 0.50 | 5.9 | | 8.2 | 7.9 | 90 | | 0.39 | 29 | | 26.61 | 13.68 | 19.78 |
| 21.0 | 0908 | 13.0 | | | 0.51 | 5.9 | | 8.1 | 7.9 | 90 | | 0.44 | 33 | | 26.65 | 13.66 | 19.81 |
| 21.0 | 0908 | 14.0 | | | 0.52 | 6.1 | | 8.1 | 7.8 | 89 | | 0.43 | 32 | | 26.72 | 13.63 | 19.87 |
| 21.0 | 0908 | 15.0 | | | 0.52 | 6.1 | | 8.1 | 7.9 | 90 | | 0.44 | 33 | | 26.89 | 13.54 | 20.02 |
| 21.0 | 0908 | 16.0 | 5.2 | 0.59 | 0.52 | 6.1 | | 8.1 | 7.9 | 90 | | 0.47 | 36 | | 26.94 | 13.51 | 20.06 |
| | | | | | | | | | | | | | Inter. | Std. Err. | | | |
| | | | | | | | | | | | | | Slope | | | | |
| | | | | | | | | | | | | | r ² | | | | |
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| | | | | | | | | | | | | | 11 | | | | |
| | | | | | | | | | | | | | 6 | | | | |
| | | | | | | | | | | | | | 6 | | | | |

Fluorometer Calibration:
OBS Calibration:
Dissolved Oxygen Calibration:

11.806
85.716
1.614

-0.071
-4.510
-5.233

2.739
3.798
0.163

SeaBird v4.026

| North San Francisco Bay | | | | | | | | | | April 22, 1997 | | | | 97112 | | | |
|-------------------------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|----------------|--------------|------|-----|-------|-------|-------|------|
| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | SPM | EXCOF | SALIN | TEMP | SIGT |
| 657.0 | 1713 | 1.0 | | | 1.49 | 16.5 | | 9.7 | 9.5 | 102 | | 0.34 | 25 | 2.0 | 0.10 | 18.61 | 0.00 |
| 657.0 | 1713 | 2.0 | 15.7 | 0.69 | 1.49 | 16.4 | 9.5 | 9.7 | 9.5 | 102 | 22.2 | 0.36 | 26 | | 0.10 | 18.61 | 0.00 |
| 657.0 | 1713 | 3.0 | | | 1.49 | 16.4 | | 9.7 | 9.5 | 102 | | 0.35 | 25 | | 0.10 | 18.61 | 0.00 |
| 657.0 | 1713 | 4.0 | | | 1.48 | 16.3 | | 9.7 | 9.6 | 103 | | 0.34 | 25 | | 0.10 | 18.61 | 0.00 |
| 657.0 | 1713 | 5.0 | | | 1.49 | 16.5 | | 9.7 | 9.6 | 103 | | 0.33 | 25 | | 0.10 | 18.61 | 0.00 |
| 657.0 | 1713 | 6.0 | | | 1.55 | 17.1 | | 9.7 | 9.6 | 103 | | 0.34 | 25 | | 0.10 | 18.61 | 0.00 |
| 657.0 | 1713 | 7.0 | | | 1.61 | 17.9 | | 9.7 | 9.6 | 103 | | 0.36 | 26 | | 0.10 | 18.60 | 0.00 |
| 657.0 | 1713 | 8.0 | | | 1.64 | 18.2 | | 9.7 | 9.6 | 103 | | 0.37 | 27 | | 0.10 | 18.60 | 0.00 |
| 657.0 | 1713 | 9.0 | | | 1.63 | 18.1 | | 9.7 | 9.6 | 103 | | 0.39 | 28 | | 0.10 | 18.60 | 0.00 |
| 657.0 | 1713 | 10.0 | 18.2 | 0.69 | 1.62 | 18.0 | | 9.7 | 9.6 | 103 | | 0.40 | 28 | | 0.10 | 18.60 | 0.00 |
| 649.0 | 1620 | 1.0 | | | 0.70 | 7.3 | | 9.4 | 9.3 | 98 | | 0.58 | 40 | 3.0 | 0.17 | 17.89 | 0.00 |
| 649.0 | 1620 | 2.0 | | | 0.70 | 7.2 | | 9.4 | 9.3 | 98 | 47.1 | 0.60 | 41 | | 0.17 | 17.89 | 0.00 |
| 649.0 | 1620 | 3.0 | | | 0.72 | 7.4 | | 9.4 | 9.3 | 98 | | 0.60 | 41 | | 0.18 | 17.89 | 0.00 |
| 649.0 | 1620 | 4.0 | | | 0.74 | 7.7 | | 9.4 | 9.3 | 98 | | 0.61 | 41 | | 0.17 | 17.89 | 0.00 |
| 649.0 | 1620 | 5.0 | | | 0.73 | 7.6 | | 9.4 | 9.3 | 98 | | 0.61 | 42 | | 0.18 | 17.89 | 0.00 |
| 649.0 | 1620 | 6.0 | | | 0.72 | 7.5 | | 9.4 | 9.3 | 98 | | 0.64 | 43 | | 0.18 | 17.89 | 0.00 |
| 649.0 | 1620 | 7.0 | | | 0.72 | 7.5 | | 9.4 | 9.3 | 98 | | 0.64 | 43 | | 0.18 | 17.89 | 0.00 |
| 649.0 | 1620 | 8.0 | | | 0.73 | 7.6 | | 9.4 | 9.3 | 98 | | 0.66 | 44 | | 0.18 | 17.89 | 0.00 |
| 649.0 | 1620 | 9.0 | | | 0.74 | 7.7 | | 9.4 | 9.3 | 98 | | 0.67 | 45 | | 0.18 | 17.89 | 0.00 |
| 649.0 | 1620 | 10.0 | | | 0.74 | 7.8 | | 9.4 | 9.3 | 98 | | 0.70 | 47 | | 0.18 | 17.89 | 0.00 |
| 649.0 | 1620 | 11.0 | | | 0.73 | 7.6 | | 9.4 | 9.3 | 98 | | 0.70 | 47 | | 0.18 | 17.89 | 0.00 |
| 649.0 | 1620 | 12.0 | | | 0.73 | 7.6 | | 9.4 | 9.3 | 98 | | 0.72 | 48 | | 0.18 | 17.89 | 0.00 |
| 2.0 | 1559 | 1.0 | | | 0.40 | 3.7 | | 9.1 | 9.0 | 95 | | 1.11 | 72 | 4.3 | 0.46 | 17.74 | 0.00 |
| 2.0 | 1559 | 2.0 | | | 0.40 | 3.8 | | 9.1 | 9.0 | 95 | | 1.11 | 72 | | 0.46 | 17.73 | 0.00 |
| 2.0 | 1559 | 3.0 | | | 0.40 | 3.8 | | 9.1 | 9.0 | 96 | | 1.19 | 77 | | 0.46 | 17.73 | 0.00 |
| 2.0 | 1559 | 4.0 | | | 0.41 | 3.9 | | 9.1 | 9.0 | 96 | | 1.20 | 78 | | 0.47 | 17.73 | 0.00 |
| 2.0 | 1559 | 5.0 | | | 0.41 | 3.9 | | 9.1 | 9.1 | 96 | | 1.26 | 81 | | 0.47 | 17.73 | 0.00 |
| 2.0 | 1559 | 6.0 | | | 0.42 | 4.0 | | 9.1 | 9.1 | 96 | | 1.28 | 83 | | 0.47 | 17.73 | 0.00 |
| 2.0 | 1559 | 7.0 | | | 0.43 | 4.1 | | 9.1 | 9.1 | 96 | | 1.33 | 86 | | 0.47 | 17.73 | 0.00 |
| 2.0 | 1559 | 8.0 | | | 0.43 | 4.2 | | 9.1 | 9.1 | 96 | | 1.36 | 88 | | 0.47 | 17.73 | 0.00 |
| 2.0 | 1559 | 9.0 | | | 0.44 | 4.2 | | 9.1 | 9.0 | 96 | | 1.33 | 86 | | 0.46 | 17.73 | 0.00 |
| 2.0 | 1559 | 10.0 | | | 0.44 | 4.2 | | 9.1 | 9.1 | 96 | | 1.45 | 93 | | 0.46 | 17.73 | 0.00 |
| 3.0 | 1544 | 1.0 | | | 0.37 | 3.4 | | 9.1 | 9.0 | 95 | | 1.21 | 78 | 4.9 | 0.65 | 17.70 | 0.00 |
| 3.0 | 1544 | 2.0 | 3.2 | 0.50 | 0.36 | 3.3 | 9.0 | 9.1 | 9.0 | 96 | 71.2 | 1.14 | 74 | | 0.65 | 17.70 | 0.00 |
| 3.0 | 1544 | 3.0 | | | 0.37 | 3.4 | | 9.1 | 9.0 | 95 | | 1.12 | 73 | | 0.65 | 17.69 | 0.00 |
| 3.0 | 1544 | 4.0 | | | 0.38 | 3.5 | | 9.1 | 9.0 | 95 | | 1.13 | 74 | | 0.64 | 17.69 | 0.00 |
| 3.0 | 1544 | 5.0 | | | 0.39 | 3.7 | | 9.1 | 9.0 | 95 | | 1.15 | 75 | | 0.64 | 17.68 | 0.00 |
| 3.0 | 1544 | 6.0 | | | 0.40 | 3.8 | | 9.1 | 9.0 | 96 | | 1.20 | 78 | | 0.65 | 17.68 | 0.00 |
| 3.0 | 1544 | 7.0 | | | 0.40 | 3.8 | | 9.1 | 9.0 | 96 | | 1.29 | 83 | | 0.65 | 17.68 | 0.00 |
| 3.0 | 1544 | 8.0 | | | 0.40 | 3.7 | | 9.1 | 9.0 | 96 | | 1.31 | 84 | | 0.65 | 17.68 | 0.00 |

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April 22, 1997

North San Francisco Bay

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|-----|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------------|-------------|-------|-------|-------|------|
| 3.0 | 1544 | 9.0 | | | 0.39 | 3.7 | | 9.1 | 9.1 | 96 | | 1.33 | 86 | | 0.65 | 17.68 | 0.00 |
| 3.0 | 1544 | 10.0 | | | 0.39 | 3.7 | | 9.1 | 9.1 | 96 | | 1.36 | 88 | | 0.65 | 17.68 | 0.00 |
| 3.0 | 1544 | 11.0 | | | 0.39 | 3.7 | | 9.1 | 9.1 | 96 | | 1.36 | 87 | | 0.65 | 17.68 | 0.00 |
| 3.0 | 1544 | 12.0 | | | 0.41 | 3.9 | | 9.1 | 9.1 | 96 | | 1.37 | 88 | | 0.66 | 17.68 | 0.00 |
| 3.0 | 1544 | 13.0 | | 0.39 | 0.42 | 4.0 | | 9.1 | 9.1 | 96 | | 1.45 | 93 | | 0.66 | 17.68 | 0.00 |
| 4.0 | 1523 | 1.0 | | | 0.33 | 2.9 | | 8.9 | 8.9 | 94 | | 1.61 | 103 | 5.2 | 1.25 | 17.71 | 0.00 |
| 4.0 | 1523 | 2.0 | | | 0.33 | 2.9 | | 8.9 | 8.9 | 94 | | 1.53 | 98 | | 1.37 | 17.65 | 0.00 |
| 4.0 | 1523 | 3.0 | | | 0.34 | 3.0 | | 8.9 | 8.9 | 94 | | 1.53 | 98 | | 1.48 | 17.62 | 0.00 |
| 4.0 | 1523 | 4.0 | | | 0.34 | 3.0 | | 8.9 | 8.9 | 94 | | 1.57 | 100 | | 1.61 | 17.60 | 0.00 |
| 4.0 | 1523 | 5.0 | | | 0.34 | 3.1 | | 9.0 | 8.9 | 94 | | 1.63 | 104 | | 1.65 | 17.59 | 0.00 |
| 4.0 | 1523 | 6.0 | | | 0.34 | 3.1 | | 9.0 | 8.9 | 95 | | 1.72 | 110 | | 1.75 | 17.59 | 0.02 |
| 4.0 | 1523 | 7.0 | | | 0.34 | 3.1 | | 9.0 | 8.9 | 95 | | 1.81 | 115 | | 1.75 | 17.59 | 0.01 |
| 4.0 | 1523 | 8.0 | | | 0.34 | 3.1 | | 9.0 | 8.9 | 95 | | 1.83 | 116 | | 1.75 | 17.59 | 0.02 |
| 4.0 | 1523 | 9.0 | | | 0.34 | 3.1 | | 9.0 | 8.9 | 95 | | 1.85 | 118 | | 1.76 | 17.59 | 0.02 |
| 4.0 | 1523 | 10.0 | | | 0.35 | 3.2 | | 9.0 | 8.9 | 95 | | 1.93 | 122 | | 1.78 | 17.60 | 0.03 |
| 4.0 | 1523 | 11.0 | | | 0.35 | 3.2 | | 9.0 | 9.0 | 95 | | 1.94 | 123 | | 1.77 | 17.60 | 0.03 |
| 4.0 | 1523 | 12.0 | | | 0.36 | 3.3 | | 9.0 | 9.0 | 95 | | 1.99 | 127 | | 1.77 | 17.60 | 0.03 |
| 4.0 | 1523 | 13.0 | | | 0.36 | 3.3 | | 9.0 | 9.0 | 95 | | 2.00 | 127 | | 1.78 | 17.60 | 0.03 |
| 4.0 | 1523 | 14.0 | | | 0.36 | 3.2 | | 9.0 | 9.0 | 95 | | 1.99 | 127 | | 1.78 | 17.60 | 0.04 |
| 4.0 | 1523 | 15.0 | | | 0.35 | 3.2 | | 9.0 | 9.0 | 95 | | 1.98 | 126 | | 1.77 | 17.60 | 0.03 |
| 4.0 | 1523 | 16.0 | | | 0.34 | 3.1 | | 9.0 | 8.9 | 95 | | 1.99 | 126 | | 1.77 | 17.60 | 0.03 |
| 4.0 | 1523 | 17.0 | | | 0.34 | 3.1 | | 9.0 | 8.9 | 95 | | 1.97 | 125 | | 1.77 | 17.60 | 0.03 |
| 5.0 | 1501 | 1.0 | | | 0.31 | 2.7 | | 8.9 | 8.8 | 94 | | 1.34 | 86 | 4.8 | 2.20 | 17.67 | 0.34 |
| 5.0 | 1501 | 2.0 | | | 0.31 | 2.7 | | 8.9 | 8.8 | 94 | | 1.46 | 94 | | 2.64 | 17.60 | 0.69 |
| 5.0 | 1501 | 3.0 | | | 0.32 | 2.8 | | 8.8 | 8.8 | 94 | | 1.55 | 99 | | 2.84 | 17.58 | 0.85 |
| 5.0 | 1501 | 4.0 | | | 0.32 | 2.9 | | 8.8 | 8.8 | 94 | | 1.61 | 103 | | 2.93 | 17.56 | 0.92 |
| 5.0 | 1501 | 5.0 | | | 0.33 | 2.9 | | 8.8 | 8.8 | 94 | | 1.67 | 107 | | 3.32 | 17.49 | 1.24 |
| 5.0 | 1501 | 6.0 | | | 0.33 | 3.0 | | 8.8 | 8.8 | 94 | | 1.82 | 116 | | 3.47 | 17.46 | 1.36 |
| 5.0 | 1501 | 7.0 | | | 0.34 | 3.0 | | 8.8 | 8.8 | 94 | | 2.18 | 138 | | 3.51 | 17.45 | 1.38 |
| 5.0 | 1501 | 8.0 | | | 0.34 | 3.0 | | 8.8 | 8.8 | 94 | | 2.36 | 149 | | 3.52 | 17.44 | 1.39 |
| 5.0 | 1501 | 9.0 | | | 0.34 | 3.0 | | 8.8 | 8.8 | 94 | | 2.51 | 158 | | 3.52 | 17.44 | 1.39 |
| 5.0 | 1501 | 10.0 | | | 0.34 | 3.0 | | 8.8 | 8.8 | 94 | | 2.59 | 163 | | 3.52 | 17.44 | 1.39 |
| 5.0 | 1501 | 11.0 | | | 0.34 | 3.0 | | 8.8 | 8.8 | 94 | | 2.63 | 166 | | 3.52 | 17.44 | 1.39 |
| 5.0 | 1501 | 12.0 | | | 0.34 | 3.0 | | 8.8 | 8.8 | 94 | | 2.65 | 167 | | 3.51 | 17.44 | 1.39 |
| 6.0 | 1440 | 1.0 | | | 0.29 | 2.5 | | 8.7 | 8.7 | 95 | | 1.07 | 70 | 4.2 | 4.83 | 17.76 | 2.33 |
| 6.0 | 1440 | 2.0 | | 0.37 | 0.29 | 2.5 | 8.5 | 8.6 | 8.6 | 94 | 77.6 | 1.06 | 69 | | 4.91 | 17.73 | 2.40 |
| 6.0 | 1440 | 3.0 | | | 0.30 | 2.6 | | 8.6 | 8.6 | 93 | | 1.06 | 69 | | 5.22 | 17.56 | 2.67 |
| 6.0 | 1440 | 4.0 | | | 0.31 | 2.7 | | 8.6 | 8.6 | 93 | | 1.09 | 71 | | 5.32 | 17.50 | 2.76 |
| 6.0 | 1440 | 5.0 | | | 0.31 | 2.8 | | 8.6 | 8.6 | 93 | | 1.15 | 75 | | 5.39 | 17.43 | 2.83 |
| 6.0 | 1440 | 6.0 | | | 0.31 | 2.8 | | 8.6 | 8.6 | 93 | | 1.22 | 79 | | 5.63 | 17.38 | 3.02 |

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April 22, 1997

North San Francisco Bay

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|-----|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-------------|-------|-------|-------|------|
| 6.0 | 1440 | 7.0 | | | 0.31 | 2.7 | | 8.6 | 8.6 | 93 | | 1.32 | 85 | | 5.86 | 17.35 | 3.20 |
| 6.0 | 1440 | 8.0 | | | 0.31 | 2.7 | | 8.6 | 8.6 | 93 | | 1.40 | 90 | | 5.90 | 17.33 | 3.23 |
| 6.0 | 1440 | 9.0 | | | 0.31 | 2.8 | | 8.6 | 8.6 | 93 | | 1.47 | 94 | | 5.91 | 17.32 | 3.24 |
| 6.0 | 1440 | 10.0 | | | 0.32 | 2.8 | | 8.6 | 8.6 | 93 | | 1.52 | 97 | | 5.91 | 17.32 | 3.24 |
| 6.0 | 1440 | 11.0 | | | 0.32 | 2.8 | | 8.6 | 8.6 | 93 | | 1.63 | 104 | | 5.90 | 17.32 | 3.23 |
| 6.0 | 1440 | 12.0 | 2.3 | 0.34 | 0.32 | 2.8 | | 8.6 | 8.6 | 93 | | 1.69 | 108 | | 5.90 | 17.32 | 3.23 |
| 7.0 | 1417 | 1.0 | | | 0.42 | 4.0 | | 8.2 | 8.2 | 90 | | 1.62 | 103 | 6.0 | 9.81 | 17.09 | 6.26 |
| 7.0 | 1417 | 2.0 | | | 0.43 | 4.1 | | 8.2 | 8.2 | 90 | | 1.61 | 103 | | 9.82 | 17.09 | 6.26 |
| 7.0 | 1417 | 3.0 | | | 0.43 | 4.2 | | 8.2 | 8.2 | 90 | | 1.63 | 104 | | 9.84 | 17.07 | 6.28 |
| 7.0 | 1417 | 4.0 | | | 0.44 | 4.2 | | 8.2 | 8.2 | 90 | | 1.67 | 107 | | 9.84 | 17.07 | 6.28 |
| 7.0 | 1417 | 5.0 | | | 0.44 | 4.3 | | 8.2 | 8.2 | 91 | | 1.67 | 107 | | 9.86 | 17.06 | 6.30 |
| 7.0 | 1417 | 6.0 | | | 0.44 | 4.2 | | 8.2 | 8.2 | 91 | | 1.67 | 107 | | 9.85 | 17.07 | 6.29 |
| 7.0 | 1417 | 7.0 | | | 0.45 | 4.3 | | 8.2 | 8.2 | 91 | | 1.67 | 106 | | 9.86 | 17.06 | 6.30 |
| 7.0 | 1417 | 8.0 | | | 0.46 | 4.4 | | 8.2 | 8.2 | 91 | | 1.67 | 107 | | 9.86 | 17.06 | 6.30 |
| 7.0 | 1417 | 9.0 | | | 0.47 | 4.6 | | 8.2 | 8.2 | 91 | | 1.65 | 106 | | 9.86 | 17.06 | 6.30 |
| 7.0 | 1417 | 10.0 | | | 0.47 | 4.6 | | 8.2 | 8.2 | 91 | | 1.68 | 107 | | 9.87 | 17.05 | 6.31 |
| 7.0 | 1417 | 11.0 | | | 0.46 | 4.5 | | 8.2 | 8.2 | 91 | | 1.70 | 109 | | 9.88 | 17.05 | 6.32 |
| 7.0 | 1417 | 12.0 | | | 0.47 | 4.6 | | 8.2 | 8.2 | 91 | | 1.73 | 110 | | 9.88 | 17.04 | 6.32 |
| 7.0 | 1417 | 13.0 | | | 0.48 | 4.7 | | 8.2 | 8.2 | 91 | | 1.72 | 110 | | 9.88 | 17.04 | 6.32 |
| 7.0 | 1417 | 14.0 | | | 0.46 | 4.4 | | 8.2 | 8.2 | 91 | | 1.71 | 109 | | 9.88 | 17.04 | 6.32 |
| 7.0 | 1417 | 15.0 | | | 0.46 | 4.4 | | 8.2 | 8.2 | 91 | | 1.71 | 109 | | 9.88 | 17.04 | 6.32 |
| 8.0 | 1354 | 1.0 | | | 0.46 | 4.4 | | 8.3 | 8.3 | 92 | | 0.54 | 37 | 2.7 | 11.26 | 17.03 | 7.38 |
| 8.0 | 1354 | 2.0 | | | 0.46 | 4.5 | | 8.2 | 8.3 | 92 | | 0.62 | 42 | | 11.40 | 16.95 | 7.50 |
| 8.0 | 1354 | 3.0 | | | 0.46 | 4.5 | | 8.2 | 8.2 | 92 | | 0.72 | 48 | | 11.42 | 16.94 | 7.51 |
| 8.0 | 1354 | 4.0 | | | 0.48 | 4.7 | | 8.2 | 8.3 | 92 | | 0.85 | 56 | | 11.47 | 16.91 | 7.56 |
| 8.0 | 1354 | 5.0 | | | 0.49 | 4.9 | | 8.2 | 8.2 | 92 | | 1.04 | 68 | | 11.51 | 16.90 | 7.59 |
| 8.0 | 1354 | 6.0 | | | 0.49 | 4.8 | | 8.2 | 8.2 | 91 | | 1.11 | 72 | | 11.55 | 16.89 | 7.62 |
| 8.0 | 1354 | 7.0 | | | 0.54 | 5.4 | | 8.2 | 8.2 | 91 | | 1.19 | 77 | | 11.63 | 16.89 | 7.68 |
| 8.0 | 1354 | 8.0 | | | 0.62 | 6.4 | | 8.1 | 8.2 | 91 | | 1.61 | 103 | | 12.86 | 16.80 | 8.64 |
| 8.0 | 1354 | 9.0 | | | 0.67 | 6.9 | | 8.1 | 8.2 | 92 | | 2.07 | 131 | | 13.51 | 16.76 | 9.14 |
| 8.0 | 1354 | 10.0 | | | 0.71 | 7.4 | | 8.1 | 8.2 | 92 | | 2.30 | 145 | | 13.72 | 16.74 | 9.30 |
| 8.0 | 1354 | 11.0 | | | 0.77 | 8.1 | | 8.2 | 8.2 | 92 | | 3.08 | 193 | | 13.91 | 16.73 | 9.45 |
| 8.0 | 1354 | 12.0 | | | 0.82 | 8.7 | | 8.2 | 8.2 | 92 | | 3.48 | 218 | | 13.95 | 16.73 | 9.48 |
| 8.0 | 1354 | 13.0 | | | 0.87 | 9.2 | | 8.2 | 8.2 | 92 | | 3.51 | 220 | | 13.95 | 16.73 | 9.48 |
| 8.0 | 1354 | 14.0 | | | 0.87 | 9.2 | | 8.2 | 8.2 | 92 | | 3.70 | 231 | | 13.94 | 16.73 | 9.47 |
| 8.0 | 1354 | 15.0 | | | 0.87 | 9.2 | | 8.2 | 8.2 | 92 | | 3.82 | 239 | | 13.94 | 16.73 | 9.47 |
| 8.0 | 1354 | 16.0 | | | 0.88 | 9.4 | | 8.2 | 8.2 | 92 | | 3.86 | 242 | | 13.94 | 16.73 | 9.47 |
| 9.0 | 1337 | 1.0 | | | 0.66 | 6.8 | | 8.3 | 8.3 | 94 | | 1.24 | 80 | 4.6 | 13.95 | 16.84 | 9.46 |
| 9.0 | 1337 | 2.0 | 6.1 | 0.58 | 0.69 | 7.1 | 8.2 | 8.3 | 8.3 | 94 | 73.4 | 1.23 | 80 | | 14.01 | 16.82 | 9.51 |
| 9.0 | 1337 | 3.0 | | | 0.68 | 7.1 | | 8.3 | 8.3 | 93 | | 1.24 | 80 | | 13.96 | 16.82 | 9.47 |

North San Francisco Bay

April 22, 1997

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| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-------|-------|-------|-------|
| 9.0 | 1337 | 4.0 | | | 0.70 | 7.3 | | 8.2 | 8.3 | 93 | | 1.22 | | 14.31 | 16.77 | 9.74 |
| 9.0 | 1337 | 5.0 | | | 0.76 | 8.0 | | 8.3 | 8.3 | 93 | | 1.28 | | 14.93 | 16.69 | 10.23 |
| 9.0 | 1337 | 6.0 | | | 0.83 | 8.8 | | 8.3 | 8.3 | 93 | | 1.53 | | 15.21 | 16.66 | 10.46 |
| 9.0 | 1337 | 7.0 | | | 0.87 | 9.2 | | 8.3 | 8.3 | 94 | | 1.93 | | 15.56 | 16.63 | 10.73 |
| 9.0 | 1337 | 8.0 | | | 0.86 | 9.1 | | 8.3 | 8.3 | 94 | | 2.18 | | 15.68 | 16.62 | 10.83 |
| 9.0 | 1337 | 9.0 | | | 0.86 | 9.1 | | 8.3 | 8.3 | 94 | | 2.37 | | 15.89 | 16.60 | 10.99 |
| 9.0 | 1337 | 10.0 | | | 0.90 | 9.6 | | 8.3 | 8.3 | 94 | | 2.24 | | 15.98 | 16.59 | 11.06 |
| 9.0 | 1337 | 11.0 | | | 0.94 | 10.0 | | 8.3 | 8.3 | 94 | | 2.09 | | 16.13 | 16.58 | 11.17 |
| 9.0 | 1337 | 12.0 | | | 0.90 | 9.6 | | 8.3 | 8.3 | 95 | | 1.82 | | 16.24 | 16.58 | 11.26 |
| 9.0 | 1337 | 13.0 | | | 0.86 | 9.1 | | 8.3 | 8.3 | 95 | | 1.84 | | 16.24 | 16.58 | 11.26 |
| 9.0 | 1337 | 14.0 | | | 0.89 | 9.4 | | 8.3 | 8.4 | 95 | | 1.82 | | 16.23 | 16.58 | 11.25 |
| 9.0 | 1337 | 15.0 | | | 0.90 | 9.6 | | 8.3 | 8.3 | 95 | | 1.82 | | 16.23 | 16.58 | 11.25 |
| 9.0 | 1337 | 16.0 | | | 0.88 | 9.4 | | 8.4 | 8.4 | 95 | | 1.83 | | 16.26 | 16.58 | 11.27 |
| 9.0 | 1337 | 17.0 | | | 0.94 | 10.0 | | 8.4 | 8.4 | 95 | | 1.85 | | 16.31 | 16.58 | 11.31 |
| 9.0 | 1337 | 18.0 | | | 1.00 | 10.8 | | 8.4 | 8.4 | 95 | | 1.85 | | 16.29 | 16.58 | 11.30 |
| 9.0 | 1337 | 19.0 | | | 0.99 | 10.6 | | 8.4 | 8.4 | 95 | | 1.84 | | 16.31 | 16.58 | 11.31 |
| 9.0 | 1337 | 20.0 | | | 0.98 | 10.5 | | 8.4 | 8.4 | 95 | | 1.84 | | 16.31 | 16.58 | 11.31 |
| 9.0 | 1337 | 21.0 | | | 0.95 | 10.1 | | 8.4 | 8.4 | 95 | | 1.85 | | 16.31 | 16.57 | 11.31 |
| 9.0 | 1337 | 22.0 | | | 0.91 | 9.7 | | 8.4 | 8.4 | 95 | | 1.85 | | 16.32 | 16.57 | 11.32 |
| 9.0 | 1337 | 23.0 | | | 0.92 | 9.9 | | 8.4 | 8.4 | 95 | | 1.86 | | 16.32 | 16.57 | 11.32 |
| 9.0 | 1337 | 24.0 | | | 0.98 | 10.6 | | 8.4 | 8.4 | 95 | | 1.88 | | 16.32 | 16.57 | 11.32 |
| 9.0 | 1337 | 25.0 | 9.9 | 0.53 | 1.00 | 10.7 | | 8.4 | 8.4 | 95 | | 1.86 | | 16.32 | 16.58 | 11.32 |
| 10.0 | 1322 | 1.0 | | | 0.51 | 5.0 | | 8.3 | 8.3 | 94 | | 0.24 | 1.6 | 14.15 | 17.08 | 9.56 |
| 10.0 | 1322 | 2.0 | | | 0.53 | 5.3 | | 8.3 | 8.3 | 94 | | 0.24 | | 14.62 | 16.89 | 9.96 |
| 10.0 | 1322 | 3.0 | | | 0.55 | 5.6 | | 8.3 | 8.3 | 94 | | 0.24 | | 15.12 | 16.79 | 10.36 |
| 10.0 | 1322 | 4.0 | | | 0.60 | 6.0 | | 8.3 | 8.3 | 94 | | 0.26 | | 15.38 | 16.76 | 10.56 |
| 10.0 | 1322 | 5.0 | | | 0.64 | 6.6 | | 8.3 | 8.4 | 95 | | 0.39 | | 15.80 | 16.71 | 10.90 |
| 10.0 | 1322 | 6.0 | | | 0.68 | 7.0 | | 8.4 | 8.4 | 95 | | 0.46 | | 15.83 | 16.71 | 10.92 |
| 10.0 | 1322 | 7.0 | | | 0.69 | 7.2 | | 8.4 | 8.4 | 95 | | 0.46 | | 15.86 | 16.70 | 10.95 |
| 10.0 | 1322 | 8.0 | | | 0.75 | 7.8 | | 8.4 | 8.4 | 95 | | 0.47 | | 15.92 | 16.69 | 10.99 |
| 10.0 | 1322 | 9.0 | | | 0.78 | 8.2 | | 8.4 | 8.4 | 95 | | 0.49 | | 15.96 | 16.69 | 11.02 |
| 10.0 | 1322 | 10.0 | | | 0.76 | 8.0 | | 8.3 | 8.4 | 95 | | 0.50 | | 16.04 | 16.68 | 11.09 |
| 10.0 | 1322 | 11.0 | | | 0.83 | 8.8 | | 8.3 | 8.3 | 95 | | 0.74 | | 16.54 | 16.60 | 11.48 |
| 10.0 | 1322 | 12.0 | | | 0.94 | 10.1 | | 8.3 | 8.3 | 95 | | 1.41 | | 17.05 | 16.53 | 11.89 |
| 10.0 | 1322 | 13.0 | | | 1.05 | 11.3 | | 8.3 | 8.3 | 95 | | 1.54 | | 17.16 | 16.51 | 11.97 |
| 10.0 | 1322 | 14.0 | | | 1.07 | 11.6 | | 8.3 | 8.3 | 95 | | 1.78 | | 17.27 | 16.50 | 12.06 |
| 10.0 | 1322 | 15.0 | | | 1.11 | 12.1 | | 8.3 | 8.4 | 95 | | 1.78 | | 17.27 | 16.50 | 12.06 |
| 10.0 | 1322 | 16.0 | | | 1.10 | 12.0 | | 8.3 | 8.4 | 95 | | 1.82 | | 17.26 | 16.50 | 12.05 |
| 10.0 | 1322 | 17.0 | | | 1.03 | 11.1 | | 8.4 | 8.4 | 95 | | 1.75 | | 17.24 | 16.50 | 12.03 |
| 10.0 | 1322 | 18.0 | | | 0.99 | 10.6 | | 8.4 | 8.4 | 96 | | 1.72 | | 17.21 | 16.51 | 12.01 |
| 10.0 | 1322 | 19.0 | | | 1.00 | 10.8 | | 8.4 | 8.4 | 96 | | 1.63 | | 17.20 | 16.51 | 12.01 |
| 10.0 | 1322 | 20.0 | | | 1.03 | 11.1 | | 8.4 | 8.4 | 95 | | 1.82 | | 17.26 | 16.50 | 12.05 |

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| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 10.0 | 1322 | 21.0 | | | 1.04 | 11.2 | | 8.4 | 8.4 | 95 | | 1.87 | 119 | | 17.27 | 16.49 | 12.06 |
| 10.0 | 1322 | 22.0 | | | 1.05 | 11.3 | | 8.4 | 8.4 | 95 | | 1.87 | 119 | | 17.27 | 16.49 | 12.06 |
| 10.0 | 1322 | 23.0 | | | 1.04 | 11.3 | | 8.4 | 8.4 | 95 | | 1.88 | 120 | | 17.27 | 16.49 | 12.06 |
| 10.0 | 1322 | 24.0 | | | 1.04 | 11.2 | | 8.4 | 8.4 | 95 | | 1.88 | 120 | | 17.26 | 16.50 | 12.06 |
| 11.0 | 1304 | 1.0 | | | 0.53 | 5.3 | | 8.5 | 8.5 | 97 | | 0.14 | 13 | 1.3 | 16.84 | 16.90 | 11.65 |
| 11.0 | 1304 | 2.0 | | | 0.54 | 5.4 | | 8.5 | 8.5 | 97 | | 0.14 | 13 | | 16.97 | 16.66 | 11.80 |
| 11.0 | 1304 | 3.0 | | | 0.53 | 5.3 | | 8.5 | 8.5 | 97 | | 0.14 | 13 | | 17.04 | 16.62 | 11.86 |
| 11.0 | 1304 | 4.0 | | | 0.52 | 5.1 | | 8.5 | 8.5 | 97 | | 0.16 | 14 | | 17.13 | 16.61 | 11.93 |
| 11.0 | 1304 | 5.0 | | | 0.58 | 5.9 | | 8.4 | 8.4 | 96 | | 0.22 | 17 | | 17.39 | 16.59 | 12.14 |
| 11.0 | 1304 | 6.0 | | | 0.66 | 6.8 | | 8.4 | 8.4 | 96 | | 0.34 | 25 | | 17.80 | 16.48 | 12.47 |
| 11.0 | 1304 | 7.0 | | | 0.69 | 7.1 | | 8.4 | 8.4 | 96 | | 0.41 | 29 | | 18.22 | 16.39 | 12.81 |
| 11.0 | 1304 | 8.0 | | | 0.79 | 8.3 | | 8.4 | 8.4 | 97 | | 0.48 | 33 | | 18.40 | 16.35 | 12.95 |
| 11.0 | 1304 | 9.0 | | | 0.87 | 9.3 | | 8.4 | 8.5 | 97 | | 0.55 | 38 | | 18.55 | 16.33 | 13.07 |
| 11.0 | 1304 | 10.0 | | | 0.88 | 9.4 | | 8.5 | 8.5 | 97 | | 0.60 | 41 | | 18.57 | 16.33 | 13.09 |
| 11.0 | 1304 | 11.0 | | | 0.93 | 9.9 | | 8.5 | 8.5 | 97 | | 0.61 | 42 | | 18.60 | 16.33 | 13.11 |
| 11.0 | 1304 | 12.0 | | | 0.92 | 9.8 | | 8.5 | 8.5 | 97 | | 0.64 | 43 | | 18.68 | 16.32 | 13.17 |
| 11.0 | 1304 | 13.0 | | | 0.89 | 9.4 | | 8.5 | 8.5 | 97 | | 0.68 | 46 | | 18.70 | 16.31 | 13.19 |
| 11.0 | 1304 | 14.0 | | | 0.93 | 10.0 | | 8.5 | 8.5 | 97 | | 0.77 | 51 | | 18.70 | 16.32 | 13.19 |
| 11.0 | 1304 | 15.0 | | | 1.00 | 10.8 | | 8.5 | 8.5 | 97 | | 0.92 | 61 | | 18.73 | 16.31 | 13.22 |
| 11.0 | 1304 | 16.0 | | | 1.00 | 10.8 | | 8.5 | 8.5 | 97 | | 1.03 | 68 | | 18.76 | 16.31 | 13.24 |
| 12.0 | 1248 | 1.0 | | | 0.60 | 6.1 | | 8.7 | 8.7 | 101 | | 0.13 | 12 | 1.2 | 18.07 | 17.22 | 12.52 |
| 12.0 | 1248 | 2.0 | | | 0.61 | 6.2 | | 8.5 | 8.5 | 98 | | 0.12 | 11 | | 18.55 | 16.81 | 12.97 |
| 12.0 | 1248 | 3.0 | | | 0.64 | 6.6 | | 8.4 | 8.5 | 97 | | 0.13 | 12 | | 19.64 | 16.23 | 13.93 |
| 12.0 | 1248 | 4.0 | | | 0.63 | 6.5 | | 8.4 | 8.4 | 97 | | 0.13 | 12 | | 20.36 | 16.03 | 14.52 |
| 12.0 | 1248 | 5.0 | | | 0.67 | 6.9 | | 8.4 | 8.4 | 96 | | 0.13 | 12 | | 20.64 | 15.97 | 14.74 |
| 12.0 | 1248 | 6.0 | | | 0.87 | 9.2 | | 8.4 | 8.4 | 97 | | 0.25 | 19 | | 21.19 | 15.87 | 15.19 |
| 12.0 | 1248 | 7.0 | | | 1.09 | 11.8 | | 8.4 | 8.4 | 97 | | 0.71 | 48 | | 21.37 | 15.84 | 15.32 |
| 12.0 | 1248 | 8.0 | | | 1.22 | 13.3 | | 8.4 | 8.4 | 97 | | 1.15 | 75 | | 21.39 | 15.84 | 15.34 |
| 12.0 | 1248 | 9.0 | | | 1.20 | 13.1 | | 8.5 | 8.5 | 97 | | 1.26 | 82 | | 21.40 | 15.84 | 15.35 |
| 13.0 | 1226 | 1.0 | | | 0.62 | 6.4 | | 8.9 | 8.8 | 102 | | 0.14 | 13 | 1.2 | 20.75 | 16.23 | 14.77 |
| 13.0 | 1226 | 2.0 | | 0.82 | 0.68 | 7.0 | 8.9 | 8.7 | 8.6 | 100 | 10.9 | 0.14 | 12 | | 21.18 | 15.95 | 15.16 |
| 13.0 | 1226 | 3.0 | 8.3 | | 0.76 | 7.9 | 8.4 | 8.4 | 8.4 | 97 | | 0.14 | 13 | | 21.99 | 15.72 | 15.83 |
| 13.0 | 1226 | 4.0 | | | 0.84 | 8.9 | | 8.4 | 8.4 | 97 | | 0.14 | 13 | | 23.72 | 15.35 | 17.23 |
| 13.0 | 1226 | 5.0 | | | 0.86 | 9.1 | | 8.4 | 8.4 | 98 | | 0.20 | 17 | | 24.51 | 15.17 | 17.87 |
| 13.0 | 1226 | 6.0 | | | 0.83 | 8.8 | | 8.5 | 8.5 | 98 | | 0.44 | 31 | | 24.66 | 15.14 | 17.99 |
| 13.0 | 1226 | 7.0 | | | 0.83 | 8.7 | | 8.5 | 8.5 | 98 | | 0.78 | 52 | | 24.73 | 15.12 | 18.04 |
| 13.0 | 1226 | 8.0 | | | 0.88 | 9.3 | | 8.5 | 8.5 | 99 | | 1.03 | 68 | | 24.74 | 15.12 | 18.06 |
| 13.0 | 1226 | 9.0 | | | 0.98 | 10.5 | | 8.5 | 8.5 | 99 | | 1.16 | 75 | | 24.76 | 15.12 | 18.07 |
| 13.0 | 1226 | 10.0 | 11.7 | 0.51 | 0.99 | 10.6 | 8.5 | 8.5 | 8.5 | 99 | | 1.38 | 89 | | 24.77 | 15.12 | 18.08 |

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|-------------------------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|----------------|--------------|------|-------------|-------|-------|-------|-------|
| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
| 14.0 | 1210 | 1.0 | | | 0.60 | 6.0 | | 8.6 | 8.6 | 100 | | 0.08 | 9 | 1.0 | 21.79 | 16.29 | 15.56 |
| 14.0 | 1210 | 2.0 | | | 0.64 | 6.6 | | 8.5 | 8.5 | 99 | | 0.08 | 9 | | 22.63 | 15.67 | 16.33 |
| 14.0 | 1210 | 3.0 | | | 0.62 | 6.3 | | 8.5 | 8.5 | 98 | | 0.08 | 9 | | 23.64 | 15.38 | 17.16 |
| 14.0 | 1210 | 4.0 | | | 0.57 | 5.7 | | 8.5 | 8.5 | 98 | | 0.09 | 9 | | 24.10 | 15.22 | 17.55 |
| 14.0 | 1210 | 5.0 | | | 0.57 | 5.8 | | 8.5 | 8.5 | 98 | | 0.10 | 10 | | 24.35 | 15.15 | 17.75 |
| 14.0 | 1210 | 6.0 | | | 0.61 | 6.2 | | 8.5 | 8.5 | 98 | | 0.14 | 13 | | 24.56 | 15.10 | 17.92 |
| 14.0 | 1210 | 7.0 | | | 0.68 | 7.0 | | 8.5 | 8.5 | 98 | | 0.19 | 16 | | 24.86 | 15.05 | 18.16 |
| 14.0 | 1210 | 8.0 | | | 0.77 | 8.1 | | 8.4 | 8.4 | 98 | | 0.24 | 19 | | 24.91 | 15.04 | 18.20 |
| 14.0 | 1210 | 9.0 | | | 0.82 | 8.6 | | 8.4 | 8.4 | 97 | | 0.32 | 24 | | 25.21 | 14.97 | 18.45 |
| 14.0 | 1210 | 10.0 | | | 0.86 | 9.1 | | 8.4 | 8.4 | 98 | | 0.47 | 33 | | 25.49 | 14.89 | 18.68 |
| 14.0 | 1210 | 11.0 | | | 0.92 | 9.8 | | 8.4 | 8.4 | 98 | | 0.74 | 50 | | 25.56 | 14.87 | 18.73 |
| 14.0 | 1210 | 12.0 | | | 0.97 | 10.5 | | 8.5 | 8.5 | 98 | | 0.92 | 60 | | 25.57 | 14.87 | 18.74 |
| 14.0 | 1210 | 13.0 | | | 1.07 | 11.6 | | 8.5 | 8.5 | 98 | | 1.35 | 87 | | 25.58 | 14.87 | 18.75 |
| 14.0 | 1210 | 14.0 | | | 1.32 | 14.5 | | 8.5 | 8.5 | 98 | | 2.02 | 128 | | 25.58 | 14.87 | 18.75 |
| 14.0 | 1210 | 15.0 | | | 1.35 | 14.8 | | 8.5 | 8.5 | 98 | | 3.84 | 240 | | 25.58 | 14.87 | 18.75 |
| 15.0 | 1150 | 1.0 | | | 0.57 | 5.7 | | 8.8 | 8.8 | 102 | | 0.06 | 8 | 0.9 | 22.13 | 15.87 | 15.90 |
| 15.0 | 1150 | 2.0 | 7.4 | 0.84 | 0.58 | 5.9 | 8.8 | 8.7 | 8.7 | 101 | | 0.06 | 8 | | 22.93 | 15.55 | 16.58 |
| 15.0 | 1150 | 3.0 | | | 0.57 | 5.7 | | 8.7 | 8.6 | 100 | | 0.06 | 8 | | 23.26 | 15.44 | 16.86 |
| 15.0 | 1150 | 4.0 | | | 0.59 | 5.9 | | 8.6 | 8.6 | 99 | | 0.06 | 8 | | 23.63 | 15.34 | 17.16 |
| 15.0 | 1150 | 5.0 | | | 0.63 | 6.4 | | 8.6 | 8.6 | 99 | | 0.07 | 9 | | 23.98 | 15.27 | 17.44 |
| 15.0 | 1150 | 6.0 | | | 0.69 | 7.1 | | 8.5 | 8.5 | 98 | | 0.10 | 10 | | 24.24 | 15.21 | 17.66 |
| 15.0 | 1150 | 7.0 | | | 0.69 | 7.1 | | 8.5 | 8.5 | 99 | | 0.13 | 12 | | 24.84 | 15.06 | 18.14 |
| 15.0 | 1150 | 8.0 | | | 0.63 | 6.5 | | 8.6 | 8.6 | 99 | | 0.15 | 13 | | 25.13 | 14.99 | 18.38 |
| 15.0 | 1150 | 9.0 | | | 0.61 | 6.2 | | 8.6 | 8.6 | 99 | | 0.17 | 14 | | 25.18 | 14.97 | 18.43 |
| 15.0 | 1150 | 10.0 | | | 0.62 | 6.4 | | 8.6 | 8.6 | 99 | | 0.18 | 15 | | 25.21 | 14.96 | 18.45 |
| 15.0 | 1150 | 11.0 | | | 0.64 | 6.6 | | 8.6 | 8.6 | 100 | | 0.19 | 16 | | 25.40 | 14.91 | 18.61 |
| 15.0 | 1150 | 12.0 | | | 0.73 | 7.6 | | 8.6 | 8.6 | 100 | | 0.19 | 16 | | 25.50 | 14.88 | 18.69 |
| 15.0 | 1150 | 13.0 | | | 0.77 | 8.1 | | 8.6 | 8.6 | 100 | | 0.22 | 17 | | 25.57 | 14.87 | 18.74 |
| 15.0 | 1150 | 14.0 | | | 0.74 | 7.7 | | 8.7 | 8.6 | 100 | | 0.24 | 18 | | 25.63 | 14.85 | 18.79 |
| 15.0 | 1150 | 15.0 | | | 0.73 | 7.6 | | 8.7 | 8.6 | 100 | | 0.26 | 20 | | 25.62 | 14.86 | 18.78 |
| 15.0 | 1150 | 16.0 | | | 0.76 | 7.9 | | 8.7 | 8.6 | 100 | | 0.28 | 22 | | 25.73 | 14.83 | 18.87 |
| 15.0 | 1150 | 17.0 | | | 0.75 | 7.8 | | 8.7 | 8.6 | 100 | | 0.31 | 23 | | 25.78 | 14.82 | 18.92 |
| 15.0 | 1150 | 18.0 | | | 0.72 | 7.5 | | 8.7 | 8.6 | 100 | | 0.37 | 27 | | 25.82 | 14.81 | 18.95 |
| 15.0 | 1150 | 19.0 | | | 0.77 | 8.1 | | 8.7 | 8.6 | 100 | | 0.47 | 33 | | 25.87 | 14.79 | 18.99 |
| 15.0 | 1150 | 20.0 | | | 0.84 | 8.9 | | 8.7 | 8.6 | 100 | | 0.51 | 36 | | 25.88 | 14.79 | 19.00 |
| 15.0 | 1150 | 21.0 | | | 0.83 | 8.7 | | 8.7 | 8.6 | 100 | | 0.58 | 40 | | 25.91 | 14.78 | 19.02 |
| 15.0 | 1150 | 22.0 | | | 0.76 | 7.9 | | 8.7 | 8.6 | 100 | | 0.64 | 44 | | 25.95 | 14.77 | 19.06 |
| 15.0 | 1150 | 23.0 | | | 0.80 | 8.4 | | 8.7 | 8.6 | 100 | | 0.73 | 49 | | 25.99 | 14.76 | 19.09 |
| 15.0 | 1150 | 24.0 | 8.7 | 0.62 | 0.83 | 8.8 | | 8.7 | 8.7 | 100 | | 1.05 | 69 | | 26.03 | 14.74 | 19.12 |
| 16.0 | 1127 | 1.0 | | | 0.53 | 5.3 | | 8.6 | 8.6 | 100 | | 0.06 | 8 | 0.9 | 27.43 | 14.52 | 20.24 |
| 16.0 | 1127 | 2.0 | | | 0.55 | 5.5 | | 8.6 | 8.6 | 100 | | 0.06 | 8 | | 27.64 | 14.42 | 20.43 |

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| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 16.0 | 1127 | 3.0 | | | 0.54 | 5.4 | | 8.6 | 100 | | 0.08 | 9 | | 27.74 | 14.38 | 20.51 |
| 16.0 | 1127 | 4.0 | | | 0.58 | 5.9 | | 8.6 | 100 | | 0.08 | 9 | | 27.80 | 14.35 | 20.56 |
| 16.0 | 1127 | 5.0 | | | 0.63 | 6.4 | | 8.6 | 99 | | 0.08 | 9 | | 27.87 | 14.32 | 20.62 |
| 16.0 | 1127 | 6.0 | | | 0.60 | 6.1 | | 8.5 | 99 | | 0.09 | 9 | | 28.05 | 14.25 | 20.77 |
| 16.0 | 1127 | 7.0 | | | 0.55 | 5.5 | | 8.5 | 99 | | 0.09 | 9 | | 28.13 | 14.22 | 20.84 |
| 16.0 | 1127 | 8.0 | | | 0.54 | 5.4 | | 8.5 | 99 | | 0.09 | 10 | | 28.26 | 14.16 | 20.95 |
| 16.0 | 1127 | 9.0 | | | 0.55 | 5.5 | | 8.5 | 99 | | 0.11 | 11 | | 28.32 | 14.14 | 21.00 |
| 16.0 | 1127 | 10.0 | | | 0.61 | 6.2 | | 8.5 | 99 | | 0.14 | 13 | | 28.31 | 14.14 | 21.00 |
| 16.0 | 1127 | 11.0 | | | 0.65 | 6.6 | | 8.5 | 99 | | 0.17 | 14 | | 28.32 | 14.14 | 21.00 |
| 16.0 | 1127 | 12.0 | | | 0.60 | 6.1 | | 8.5 | 99 | | 0.17 | 14 | | 28.33 | 14.14 | 21.02 |
| 16.0 | 1127 | 13.0 | | | 0.60 | 6.1 | | 8.5 | 99 | | 0.19 | 16 | | 28.33 | 14.14 | 21.01 |
| 16.0 | 1127 | 14.0 | | | 0.61 | 6.2 | | 8.5 | 99 | | 0.33 | 24 | | 28.32 | 14.15 | 21.00 |
| 17.0 | 1108 | 1.0 | | | 0.48 | 4.7 | | 8.6 | 99 | | 0.06 | 8 | 0.9 | 27.37 | 14.41 | 20.22 |
| 17.0 | 1108 | 2.0 | | | 0.49 | 4.9 | | 8.5 | 99 | | 0.06 | 8 | | 27.53 | 14.34 | 20.35 |
| 17.0 | 1108 | 3.0 | | | 0.48 | 4.7 | | 8.4 | 97 | | 0.07 | 8 | | 27.62 | 14.29 | 20.44 |
| 17.0 | 1108 | 4.0 | | | 0.49 | 4.8 | | 8.3 | 96 | | 0.07 | 9 | | 28.01 | 14.15 | 20.76 |
| 17.0 | 1108 | 5.0 | | | 0.53 | 5.3 | | 8.3 | 97 | | 0.08 | 9 | | 28.66 | 13.88 | 21.32 |
| 17.0 | 1108 | 6.0 | | | 0.55 | 5.5 | | 8.3 | 97 | | 0.11 | 11 | | 28.70 | 13.86 | 21.36 |
| 17.0 | 1108 | 7.0 | | | 0.56 | 5.6 | | 8.4 | 97 | | 0.13 | 12 | | 28.71 | 13.86 | 21.36 |
| 17.0 | 1108 | 8.0 | | | 0.55 | 5.5 | | 8.4 | 97 | | 0.14 | 13 | | 28.70 | 13.86 | 21.36 |
| 17.0 | 1108 | 9.0 | | | 0.54 | 5.4 | | 8.3 | 97 | | 0.15 | 13 | | 28.70 | 13.86 | 21.36 |
| 17.0 | 1108 | 10.0 | | | 0.51 | 5.1 | | 8.3 | 96 | | 0.16 | 14 | | 28.82 | 13.80 | 21.46 |
| 17.0 | 1108 | 11.0 | | | 0.55 | 5.5 | | 8.3 | 96 | | 0.17 | 14 | | 29.12 | 13.67 | 21.72 |
| 17.0 | 1108 | 12.0 | | | 0.62 | 6.3 | | 8.3 | 96 | | 0.21 | 17 | | 29.12 | 13.67 | 21.72 |
| 17.0 | 1108 | 13.0 | | | 0.61 | 6.2 | | 8.3 | 97 | | 0.27 | 20 | | 29.15 | 13.66 | 21.74 |
| 17.0 | 1108 | 14.0 | | | 0.59 | 6.0 | | 8.4 | 97 | | 0.34 | 25 | | 29.15 | 13.66 | 21.74 |
| 18.0 | 1047 | 1.0 | | | 0.44 | 4.2 | | 8.3 | 96 | | 0.06 | 8 | 0.7 | 30.25 | 13.15 | 22.68 |
| 18.0 | 1047 | 2.0 | | | 0.46 | 4.4 | 8.3 | 8.3 | 96 | | 0.07 | 8 | | 30.24 | 13.14 | 22.68 |
| 18.0 | 1047 | 3.0 | | | 0.50 | 4.9 | | 8.3 | 96 | | 0.07 | 8 | | 30.25 | 13.13 | 22.69 |
| 18.0 | 1047 | 4.0 | | | 0.52 | 5.2 | | 8.3 | 96 | | 0.08 | 9 | | 30.25 | 13.12 | 22.69 |
| 18.0 | 1047 | 5.0 | | | 0.49 | 4.9 | | 8.3 | 96 | | 0.09 | 9 | | 30.25 | 13.12 | 22.69 |
| 18.0 | 1047 | 6.0 | | | 0.46 | 4.5 | | 8.3 | 96 | | 0.08 | 9 | | 30.25 | 13.12 | 22.69 |
| 18.0 | 1047 | 7.0 | | | 0.48 | 4.7 | | 8.3 | 96 | | 0.09 | 10 | | 30.26 | 13.11 | 22.70 |
| 18.0 | 1047 | 8.0 | | | 0.55 | 5.5 | | 8.3 | 96 | | 0.09 | 10 | | 30.25 | 13.11 | 22.70 |
| 18.0 | 1047 | 9.0 | | | 0.56 | 5.6 | | 8.3 | 96 | | 0.10 | 10 | | 30.26 | 13.11 | 22.70 |
| 18.0 | 1047 | 10.0 | | | 0.53 | 5.3 | | 8.3 | 96 | | 0.10 | 10 | | 30.26 | 13.11 | 22.70 |
| 18.0 | 1047 | 11.0 | | | 0.58 | 5.8 | | 8.3 | 96 | | 0.10 | 10 | | 30.27 | 13.10 | 22.71 |
| 18.0 | 1047 | 12.0 | | | 0.58 | 5.8 | | 8.3 | 96 | | 0.11 | 11 | | 30.27 | 13.10 | 22.72 |
| 18.0 | 1047 | 13.0 | | | 0.52 | 5.1 | | 8.3 | 96 | | 0.10 | 10 | | 30.26 | 13.11 | 22.71 |
| 18.0 | 1047 | 14.0 | | | 0.51 | 5.0 | | 8.3 | 96 | | 0.11 | 11 | | 30.27 | 13.10 | 22.71 |
| 18.0 | 1047 | 15.0 | | | 0.50 | 5.0 | | 8.3 | 96 | | 0.11 | 11 | | 30.28 | 13.10 | 22.72 |

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|-------------------------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|----------------|--------------|------------|-------------|--------|-------|-----------|-------|
| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
| 18.0 | 1047 | 16.0 | | | 0.54 | 5.4 | | 8.3 | 8.4 | 96 | | 0.12 | 11 | | 30.28 | 13.09 | 22.73 |
| 18.0 | 1047 | 17.0 | | | 0.59 | 6.0 | | 8.3 | 8.3 | 96 | | 0.13 | 12 | | 30.28 | 13.09 | 22.73 |
| 18.0 | 1047 | 18.0 | | | 0.55 | 5.5 | | 8.3 | 8.4 | 96 | | 0.14 | 12 | | 30.29 | 13.09 | 22.73 |
| 18.0 | 1047 | 19.0 | | | 0.49 | 4.8 | | 8.3 | 8.4 | 96 | | 0.15 | 13 | | 30.29 | 13.09 | 22.73 |
| 18.0 | 1047 | 20.0 | | | 0.54 | 5.4 | | 8.3 | 8.4 | 96 | | 0.16 | 14 | | 30.30 | 13.08 | 22.74 |
| 18.0 | 1047 | 21.0 | | | 0.62 | 6.3 | | 8.3 | 8.4 | 96 | | 0.16 | 14 | | 30.30 | 13.09 | 22.74 |
| 18.0 | 1047 | 22.0 | | | 0.59 | 6.0 | | 8.4 | 8.4 | 96 | | 0.15 | 13 | | 30.29 | 13.09 | 22.73 |
| 18.0 | 1047 | 23.0 | | | 0.57 | 5.8 | | 8.4 | 8.4 | 96 | | 0.16 | 14 | | 30.30 | 13.09 | 22.74 |
| 18.0 | 1047 | 24.0 | | | 0.58 | 5.8 | | 8.4 | 8.4 | 96 | | 0.16 | 14 | | 30.30 | 13.08 | 22.74 |
| 18.0 | 1047 | 25.0 | | | 0.53 | 5.3 | | 8.4 | 8.4 | 96 | | 0.17 | 14 | | 30.30 | 13.08 | 22.74 |
| 18.0 | 1047 | 26.0 | | | 0.50 | 5.0 | | 8.4 | 8.4 | 96 | | 0.19 | 15 | | 30.30 | 13.09 | 22.74 |
| 18.0 | 1047 | 27.0 | | | 0.53 | 5.3 | | 8.4 | 8.4 | 96 | | 0.19 | 16 | | 30.30 | 13.09 | 22.74 |
| 18.0 | 1047 | 28.0 | | | 0.59 | 6.0 | | 8.4 | 8.4 | 97 | | 0.20 | 16 | | 30.30 | 13.09 | 22.74 |
| 18.0 | 1047 | 29.0 | | | 0.66 | 6.7 | | 8.4 | 8.4 | 97 | | 0.20 | 16 | | 30.30 | 13.09 | 22.74 |
| 18.0 | 1047 | 30.0 | | | 0.65 | 6.7 | | 8.4 | 8.4 | 97 | | 0.19 | 16 | | 30.29 | 13.09 | 22.73 |
| 18.0 | 1047 | 31.0 | | | 0.60 | 6.1 | | 8.4 | 8.4 | 97 | | 0.20 | 16 | | 30.29 | 13.09 | 22.73 |
| 18.0 | 1047 | 32.0 | | | 0.57 | 5.8 | | 8.4 | 8.4 | 97 | | 0.20 | 17 | | 30.28 | 13.10 | 22.73 |
| 18.0 | 1047 | 33.0 | | | 0.56 | 5.6 | | 8.4 | 8.4 | 97 | | 0.20 | 16 | | 30.28 | 13.10 | 22.72 |
| 18.0 | 1047 | 34.0 | | | 0.57 | 5.7 | | 8.4 | 8.4 | 97 | | 0.17 | 14 | | 30.28 | 13.10 | 22.72 |
| 18.0 | 1047 | 35.0 | | | 0.57 | 5.8 | | 8.4 | 8.4 | 97 | | 0.17 | 14 | | 30.28 | 13.10 | 22.72 |
| 18.0 | 1047 | 36.0 | | | 0.58 | 5.9 | | 8.4 | 8.4 | 97 | | 0.17 | 14 | | 30.28 | 13.10 | 22.72 |
| 18.0 | 1047 | 37.0 | | | 0.61 | 6.2 | | 8.4 | 8.4 | 97 | | 0.18 | 15 | | 30.27 | 13.11 | 22.72 |
| 18.0 | 1047 | 38.0 | | | 0.62 | 6.4 | | 8.4 | 8.4 | 97 | | 0.18 | 15 | | 30.28 | 13.10 | 22.72 |
| 18.0 | 1047 | 39.0 | | | 0.57 | 5.8 | | 8.4 | 8.4 | 97 | | 0.18 | 15 | | 30.28 | 13.10 | 22.72 |
| 18.0 | 1047 | 40.0 | | | 0.56 | 5.6 | | 8.4 | 8.4 | 97 | | 0.19 | 15 | | 30.27 | 13.11 | 22.71 |
| 18.0 | 1047 | 41.0 | | | 0.55 | 5.5 | | 8.4 | 8.4 | 97 | | 0.18 | 15 | | 30.26 | 13.12 | 22.70 |
| 18.0 | 1047 | 42.0 | | | 0.55 | 5.5 | | 8.4 | 8.4 | 97 | | 0.19 | 16 | | 30.25 | 13.12 | 22.70 |
| 18.0 | 1047 | 43.0 | | | 0.57 | 5.7 | | 8.4 | 8.4 | 97 | | 0.21 | 17 | | 30.25 | 13.12 | 22.70 |
| 18.0 | 1047 | 44.0 | | | 0.56 | 5.6 | | 8.4 | 8.4 | 97 | | | | | | | |
| | | | | | | | | | | n | | Slope | | Inter. | | Std. Err. | |
| | | | | | | | | | | 13 | | 11.640 | | -0.893 | | 0.925 | |
| | | | | | | | | | | 6 | | 61.488 | | 3.977 | | 6.597 | |
| | | | | | | | | | | 7 | | 0.892 | | 0.918 | | 0.150 | |

Fluorometer Calibration:
 OBS Calibration:
 Dissolved Oxygen Calibration:

SeaBird v4.026

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 34.0 | 0627 | 1.0 | | | 2.33 | 34.9 | | 8.7 | 8.7 | 107 | 2.64 | 159 | | 20.95 | 19.17 | 14.28 |
| 34.0 | 0627 | 2.0 | 35.8 | 0.72 | 2.36 | 35.3 | | 8.6 | 8.7 | 106 | 2.54 | 154 | | 20.93 | 19.15 | 14.27 |
| 34.0 | 0627 | 3.0 | | | 2.42 | 36.1 | 8.6 | 8.7 | 8.7 | 107 | 2.51 | 152 | | 20.94 | 19.13 | 14.29 |
| 34.0 | 0627 | 4.0 | | | 2.44 | 36.4 | | 8.7 | 8.7 | 107 | 2.53 | 153 | | 20.93 | 19.13 | 14.27 |
| 34.0 | 0627 | 5.0 | 29.0 | 0.74 | 2.44 | 36.4 | | 8.7 | 8.7 | 107 | 2.57 | 155 | | 20.93 | 19.14 | 14.27 |
| 32.0 | 0652 | 1.0 | | | 2.19 | 33.1 | | 10.4 | 10.5 | 130 | 0.53 | 35 | 2.3 | 22.41 | 19.01 | 15.42 |
| 32.0 | 0652 | 2.0 | 43.4 | 0.88 | 2.18 | 33.0 | 10.6 | 10.3 | 10.5 | 130 | 0.56 | 36 | | 22.48 | 18.94 | 15.49 |
| 32.0 | 0652 | 3.0 | | | 2.24 | 33.8 | | 10.3 | 10.4 | 128 | 0.59 | 38 | | 22.51 | 18.88 | 15.53 |
| 32.0 | 0652 | 4.0 | | | 2.25 | 34.0 | | 10.2 | 10.4 | 128 | 0.60 | 39 | | 22.52 | 18.81 | 15.56 |
| 32.0 | 0652 | 5.0 | | | 2.29 | 34.4 | | 10.2 | 10.4 | 128 | 0.61 | 39 | | 22.52 | 18.80 | 15.56 |
| 32.0 | 0652 | 6.0 | | | 2.35 | 35.2 | | 10.2 | 10.4 | 128 | 0.63 | 40 | | 22.52 | 18.81 | 15.55 |
| 32.0 | 0652 | 7.0 | | | 2.44 | 36.3 | | 10.2 | 10.4 | 128 | 0.64 | 41 | | 22.52 | 18.79 | 15.56 |
| 32.0 | 0652 | 8.0 | | | 2.55 | 37.7 | | 10.2 | 10.3 | 127 | 0.70 | 45 | | 22.55 | 18.75 | 15.59 |
| 32.0 | 0652 | 9.0 | | | 2.57 | 38.0 | | 10.1 | 10.3 | 126 | 0.74 | 47 | | 22.65 | 18.64 | 15.69 |
| 32.0 | 0652 | 10.0 | 39.6 | 0.84 | 2.56 | 37.9 | | 10.3 | 10.5 | 128 | 0.73 | 47 | | 22.92 | 18.37 | 15.96 |
| 30.0 | 0720 | 1.0 | | | 2.04 | 31.2 | | 10.6 | 10.8 | 133 | 0.32 | 22 | 2.1 | 23.16 | 18.46 | 16.13 |
| 30.0 | 0720 | 2.0 | 28.2 | 0.86 | 2.08 | 31.8 | 10.7 | 10.7 | 10.9 | 133 | 0.31 | 22 | | 23.16 | 18.45 | 16.13 |
| 30.0 | 0720 | 3.0 | | | 2.02 | 31.0 | | 10.7 | 10.8 | 133 | 0.31 | 22 | | 23.16 | 18.44 | 16.13 |
| 30.0 | 0720 | 4.0 | | | 2.07 | 31.6 | | 10.6 | 10.8 | 133 | 0.31 | 22 | | 23.17 | 18.43 | 16.14 |
| 30.0 | 0720 | 5.0 | | | 2.15 | 32.7 | | 10.6 | 10.8 | 133 | 0.31 | 21 | | 23.22 | 18.32 | 16.20 |
| 30.0 | 0720 | 6.0 | | | 2.19 | 33.1 | | 10.6 | 10.8 | 132 | 0.29 | 21 | | 23.30 | 18.23 | 16.28 |
| 30.0 | 0720 | 7.0 | | | 2.09 | 31.8 | | 10.4 | 10.5 | 129 | 0.27 | 19 | | 23.52 | 18.06 | 16.49 |
| 30.0 | 0720 | 8.0 | | | 1.91 | 29.6 | | 10.3 | 10.5 | 128 | 0.26 | 19 | | 23.85 | 17.81 | 16.80 |
| 30.0 | 0720 | 9.0 | | | 1.91 | 29.5 | | 10.3 | 10.5 | 128 | 0.27 | 19 | | 23.89 | 17.77 | 16.84 |
| 30.0 | 0720 | 10.0 | 27.5 | 0.89 | 1.95 | 30.0 | | 10.4 | 10.6 | 129 | 0.26 | 19 | | 23.91 | 17.76 | 16.85 |
| 29.0 | 0744 | 1.0 | | | 1.54 | 24.9 | | 10.2 | 10.3 | 125 | 0.22 | 17 | 1.8 | 24.22 | 17.59 | 17.13 |
| 29.0 | 0744 | 2.0 | | | 1.52 | 24.5 | | 10.1 | 10.3 | 125 | 0.23 | 17 | | 24.32 | 17.54 | 17.22 |
| 29.0 | 0744 | 3.0 | | | 1.51 | 24.4 | | 10.1 | 10.2 | 124 | 0.26 | 19 | | 24.46 | 17.46 | 17.34 |
| 29.0 | 0744 | 4.0 | | | 1.44 | 23.5 | | 10.1 | 10.2 | 124 | 0.28 | 20 | | 24.56 | 17.40 | 17.43 |
| 29.0 | 0744 | 5.0 | | | 1.35 | 22.4 | | 10.1 | 10.2 | 124 | 0.30 | 21 | | 24.64 | 17.34 | 17.51 |
| 29.0 | 0744 | 6.0 | | | 1.36 | 22.5 | | 10.0 | 10.1 | 123 | 0.31 | 22 | | 24.70 | 17.30 | 17.56 |
| 29.0 | 0744 | 7.0 | | | 1.35 | 22.4 | | 9.9 | 10.0 | 121 | 0.31 | 22 | | 24.83 | 17.17 | 17.69 |
| 29.0 | 0744 | 8.0 | | | 1.29 | 21.6 | | 9.9 | 10.0 | 121 | 0.29 | 21 | | 24.94 | 17.05 | 17.80 |
| 29.0 | 0744 | 9.0 | | | 1.22 | 20.7 | | 9.9 | 10.0 | 121 | 0.28 | 20 | | 25.01 | 16.98 | 17.87 |
| 29.0 | 0744 | 10.0 | | | 1.20 | 20.5 | | 9.9 | 10.1 | 121 | 0.26 | 19 | | 25.02 | 16.97 | 17.88 |
| 29.0 | 0744 | 11.0 | | | 1.17 | 20.1 | | 9.9 | 10.1 | 121 | 0.25 | 18 | | 25.04 | 16.96 | 17.90 |
| 29.0 | 0744 | 12.0 | | | 1.14 | 19.7 | | 9.9 | 10.0 | 121 | 0.25 | 18 | | 25.06 | 16.94 | 17.91 |
| 29.0 | 0744 | 13.0 | | | 1.11 | 19.3 | | 9.9 | 10.0 | 121 | 0.26 | 19 | | 25.09 | 16.91 | 17.95 |
| 29.0 | 0744 | 14.0 | | | 1.08 | 18.9 | | 10.0 | 10.1 | 121 | 0.28 | 20 | | 25.11 | 16.89 | 17.96 |

97112

April 22, 1997

South San Francisco Bay

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 27.0 | 0811 | 1.0 | | | 1.04 | 18.4 | | 10.1 | 10.2 | 123 | | 0.15 | 12 | 1.4 | 25.11 | 16.92 | 17.96 |
| 27.0 | 0811 | 2.0 | 21.0 | 0.89 | 1.04 | 18.4 | 10.1 | 10.1 | 10.2 | 123 | | 0.15 | 12 | | 25.11 | 16.92 | 17.96 |
| 27.0 | 0811 | 3.0 | | | 0.99 | 17.8 | | 10.0 | 10.1 | 122 | | 0.15 | 12 | | 25.16 | 16.90 | 18.00 |
| 27.0 | 0811 | 4.0 | | | 0.93 | 17.0 | | 10.0 | 10.1 | 122 | | 0.15 | 12 | | 25.29 | 16.85 | 18.11 |
| 27.0 | 0811 | 5.0 | | | 0.93 | 17.0 | | 10.0 | 10.1 | 122 | | 0.16 | 13 | | 25.33 | 16.83 | 18.15 |
| 27.0 | 0811 | 6.0 | | | 0.98 | 17.6 | | 10.0 | 10.2 | 122 | | 0.17 | 14 | | 25.34 | 16.83 | 18.15 |
| 27.0 | 0811 | 7.0 | | | 1.03 | 18.3 | | 10.0 | 10.2 | 123 | | 0.20 | 15 | | 25.34 | 16.83 | 18.15 |
| 27.0 | 0811 | 8.0 | | | 1.01 | 18.0 | | 10.1 | 10.2 | 123 | | 0.21 | 16 | | 25.34 | 16.83 | 18.16 |
| 27.0 | 0811 | 9.0 | | | 0.97 | 17.6 | | 10.1 | 10.2 | 123 | | 0.21 | 16 | | 25.35 | 16.83 | 18.16 |
| 27.0 | 0811 | 10.0 | | | 1.02 | 18.1 | | 10.0 | 10.2 | 123 | | 0.22 | 16 | | 25.37 | 16.83 | 18.18 |
| 27.0 | 0811 | 11.0 | 17.6 | 0.87 | 1.02 | 18.1 | | 10.1 | 10.2 | 123 | | 0.23 | 17 | | 25.39 | 16.82 | 18.19 |
| 25.0 | 0840 | 1.0 | | | 1.00 | 18.0 | | 9.5 | 9.6 | 115 | | 0.08 | 8 | 1.0 | 26.36 | 16.30 | 19.05 |
| 25.0 | 0840 | 2.0 | | | 1.01 | 18.1 | | 9.6 | 9.7 | 117 | | 0.08 | 8 | | 26.36 | 16.30 | 19.05 |
| 25.0 | 0840 | 3.0 | | | 0.90 | 16.7 | | 9.7 | 9.8 | 117 | | 0.06 | 7 | | 26.37 | 16.30 | 19.06 |
| 25.0 | 0840 | 4.0 | | | 0.86 | 16.1 | | 9.7 | 9.8 | 117 | | 0.06 | 7 | | 26.39 | 16.29 | 19.07 |
| 25.0 | 0840 | 5.0 | | | 0.83 | 15.8 | | 9.7 | 9.8 | 118 | | 0.10 | 9 | | 26.40 | 16.29 | 19.08 |
| 25.0 | 0840 | 6.0 | | | 0.81 | 15.5 | | 9.7 | 9.8 | 118 | | 0.12 | 11 | | 26.40 | 16.29 | 19.08 |
| 25.0 | 0840 | 7.0 | | | 0.74 | 14.6 | | 9.7 | 9.8 | 117 | | 0.14 | 11 | | 26.40 | 16.29 | 19.09 |
| 25.0 | 0840 | 8.0 | | | 0.72 | 14.3 | | 9.6 | 9.7 | 117 | | 0.17 | 13 | | 26.40 | 16.29 | 19.09 |
| 24.0 | 0859 | 1.0 | | | 0.89 | 16.5 | | 10.4 | 10.5 | 125 | | 0.03 | 5 | 0.8 | 26.92 | 15.84 | 19.58 |
| 24.0 | 0859 | 2.0 | 17.3 | 0.90 | 0.85 | 16.0 | 10.6 | 10.3 | 10.5 | 125 | 5.2 | 0.02 | 5 | | 26.99 | 15.81 | 19.64 |
| 24.0 | 0859 | 3.0 | | | 0.85 | 16.0 | | 10.3 | 10.5 | 125 | | 0.03 | 5 | | 27.05 | 15.78 | 19.69 |
| 24.0 | 0859 | 4.0 | | | 0.87 | 16.3 | | 10.3 | 10.5 | 125 | | 0.04 | 6 | | 27.05 | 15.78 | 19.69 |
| 24.0 | 0859 | 5.0 | | | 0.85 | 16.0 | | 10.3 | 10.5 | 125 | | 0.04 | 5 | | 27.07 | 15.77 | 19.70 |
| 24.0 | 0859 | 6.0 | | | 0.87 | 16.3 | | 10.3 | 10.5 | 125 | | 0.05 | 6 | | 27.16 | 15.76 | 19.78 |
| 24.0 | 0859 | 7.0 | | | 0.88 | 16.3 | | 10.4 | 10.5 | 125 | | 0.07 | 8 | | 27.19 | 15.76 | 19.80 |
| 24.0 | 0859 | 8.0 | | | 0.85 | 15.9 | | 10.4 | 10.5 | 126 | | 0.07 | 7 | | 27.21 | 15.76 | 19.82 |
| 24.0 | 0859 | 9.0 | 18.7 | 0.85 | 0.86 | 16.1 | | 10.4 | 10.5 | 125 | | 0.10 | 9 | | 27.21 | 15.76 | 19.82 |
| 22.0 | 0934 | 1.0 | | | 0.93 | 17.0 | | 9.9 | 10.0 | 118 | | 0.01 | 4 | 0.7 | 27.46 | 15.40 | 20.09 |
| 22.0 | 0934 | 2.0 | | | 0.90 | 16.6 | | 9.7 | 9.8 | 117 | | 0.03 | 5 | | 27.61 | 15.27 | 20.23 |
| 22.0 | 0934 | 3.0 | | | 0.81 | 15.5 | | 9.5 | 9.6 | 114 | | 0.02 | 4 | | 27.72 | 15.18 | 20.33 |
| 22.0 | 0934 | 4.0 | | | 0.74 | 14.6 | | 9.4 | 9.5 | 112 | | 0.02 | 5 | | 27.88 | 15.02 | 20.49 |
| 22.0 | 0934 | 5.0 | | | 0.72 | 14.3 | | 9.3 | 9.3 | 110 | | 0.05 | 6 | | 27.97 | 14.92 | 20.58 |
| 22.0 | 0934 | 6.0 | | | 0.70 | 14.0 | | 9.2 | 9.3 | 109 | | 0.06 | 7 | | 28.02 | 14.87 | 20.63 |
| 22.0 | 0934 | 7.0 | | | 0.69 | 13.9 | | 9.2 | 9.2 | 109 | | 0.07 | 8 | | 28.03 | 14.85 | 20.64 |
| 22.0 | 0934 | 8.0 | | | 0.68 | 13.9 | | 9.2 | 9.2 | 108 | | 0.09 | 9 | | 28.04 | 14.84 | 20.65 |
| 22.0 | 0934 | 9.0 | | | 0.67 | 13.7 | | 9.1 | 9.2 | 108 | | 0.10 | 9 | | 28.06 | 14.82 | 20.66 |
| 22.0 | 0934 | 10.0 | | | 0.69 | 13.9 | | 9.1 | 9.2 | 108 | | 0.10 | 9 | | 28.07 | 14.80 | 20.67 |
| 22.0 | 0934 | 11.0 | | | 0.70 | 14.0 | | 9.1 | 9.1 | 107 | | 0.12 | 11 | | 28.08 | 14.78 | 20.69 |
| 22.0 | 0934 | 12.0 | | | 0.69 | 14.0 | | 9.1 | 9.1 | 107 | | 0.15 | 12 | | 28.08 | 14.78 | 20.69 |

South San Francisco Bay

April 22, 1997

97112

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 22.0 | 0934 | 13.0 | | | 0.70 | 14.0 | | 9.1 | 9.1 | 107 | | 0.19 | 14 | | 28.08 | 14.78 | 20.69 |
| 22.0 | 0934 | 14.0 | | | 0.74 | 14.6 | | 9.1 | 9.1 | 107 | | 0.23 | 17 | | 28.08 | 14.78 | 20.69 |
| 22.0 | 0934 | 15.0 | | | 0.74 | 14.6 | | 9.1 | 9.1 | 107 | | 0.28 | 20 | | 28.08 | 14.75 | 20.69 |
| 22.0 | 0934 | 16.0 | | | 0.73 | 14.4 | | 9.1 | 9.1 | 107 | | 0.32 | 22 | | 28.07 | 14.75 | 20.69 |
| 22.0 | 0934 | 17.0 | | | 0.74 | 14.6 | | 9.0 | 9.1 | 107 | | 0.40 | 27 | | 28.07 | 14.75 | 20.69 |
| 22.0 | 0934 | 18.0 | | | 0.80 | 15.4 | | 9.0 | 9.1 | 106 | | 0.46 | 30 | | 28.07 | 14.75 | 20.69 |
| 22.0 | 0934 | 19.0 | | | 0.82 | 15.6 | | 9.0 | 9.1 | 107 | | 0.46 | 31 | | 28.07 | 14.72 | 20.69 |
| 21.0 | 0955 | 1.0 | | | 0.59 | 12.6 | | 8.8 | 8.8 | 103 | | 0.04 | 6 | 0.9 | 27.65 | 14.59 | 20.40 |
| 21.0 | 0955 | 2.0 | 8.6 | 0.86 | 0.60 | 12.7 | 8.8 | 8.7 | 8.8 | 103 | 5.3 | 0.04 | 6 | | 27.90 | 14.57 | 20.59 |
| 21.0 | 0955 | 3.0 | | | 0.64 | 13.3 | | 8.8 | 8.8 | 103 | | 0.06 | 7 | | 27.94 | 14.57 | 20.63 |
| 21.0 | 0955 | 4.0 | | | 0.65 | 13.4 | | 8.8 | 8.8 | 103 | | 0.08 | 8 | | 28.11 | 14.57 | 20.76 |
| 21.0 | 0955 | 5.0 | | | 0.61 | 12.9 | | 8.8 | 8.8 | 103 | | 0.08 | 8 | | 28.16 | 14.57 | 20.79 |
| 21.0 | 0955 | 6.0 | | | 0.65 | 13.4 | | 8.8 | 8.8 | 103 | | 0.10 | 9 | | 28.19 | 14.57 | 20.82 |
| 21.0 | 0955 | 7.0 | | | 0.65 | 13.5 | | 8.8 | 8.8 | 103 | | 0.09 | 9 | | 28.21 | 14.57 | 20.83 |
| 21.0 | 0955 | 8.0 | | | 0.60 | 12.8 | | 8.8 | 8.8 | 103 | | 0.10 | 9 | | 28.25 | 14.56 | 20.86 |
| 21.0 | 0955 | 9.0 | | | 0.62 | 13.0 | | 8.8 | 8.8 | 103 | | 0.13 | 11 | | 28.26 | 14.56 | 20.87 |
| 21.0 | 0955 | 10.0 | | | 0.64 | 13.3 | | 8.8 | 8.8 | 103 | | 0.16 | 13 | | 28.26 | 14.56 | 20.87 |
| 21.0 | 0955 | 11.0 | | | 0.64 | 13.2 | | 8.8 | 8.8 | 103 | | 0.17 | 14 | | 28.27 | 14.56 | 20.88 |
| 21.0 | 0955 | 12.0 | | | 0.63 | 13.2 | | 8.8 | 8.8 | 103 | | 0.19 | 14 | | 28.27 | 14.57 | 20.88 |
| 21.0 | 0955 | 13.0 | | | 0.64 | 13.3 | | 8.8 | 8.8 | 103 | | 0.20 | 15 | | 28.27 | 14.57 | 20.88 |
| 21.0 | 0955 | 14.0 | | | 0.66 | 13.6 | | 8.8 | 8.8 | 103 | | 0.22 | 16 | | 28.27 | 14.57 | 20.88 |
| 21.0 | 0955 | 15.0 | | | 0.67 | 13.7 | | 8.8 | 8.8 | 103 | | 0.26 | 19 | | 28.28 | 14.57 | 20.88 |
| 21.0 | 0955 | 16.0 | | | 0.67 | 13.7 | | 8.8 | 8.8 | 103 | | 0.30 | 21 | | 28.28 | 14.57 | 20.89 |
| 21.0 | 0955 | 17.0 | | | 0.62 | 13.1 | | 8.8 | 8.8 | 103 | | 0.29 | 20 | | 28.28 | 14.57 | 20.89 |
| 21.0 | 0955 | 18.0 | 12.0 | 0.66 | 0.60 | 12.8 | | 8.8 | 8.8 | 103 | | 0.28 | 20 | | 28.28 | 14.57 | 20.89 |

| | n | r ² | Slope | Inter. | Std. Err. |
|-------------------------------|----|----------------|--------|--------|-----------|
| Fluorometer Calibration: | 12 | 0.833 | 12.796 | 5.111 | 4.669 |
| OBS Calibration: | 5 | 1.000 | 59.114 | 3.355 | 0.756 |
| Dissolved Oxygen Calibration: | 6 | 0.992 | 1.083 | -0.699 | 0.093 |

Seabird v4.026

South San Francisco Bay

April 30, 1997

97120

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-----|-------|-------|-------|-------|
| 36.0 | 0926 | 1.0 | | | 1.94 | 27.1 | | 8.1 | 7.9 | 92 | | 0.76 | 43 | 3.5 | 21.72 | 16.11 | 15.54 |
| 36.0 | 0926 | 2.0 | 28.4 | 0.85 | 1.86 | 26.1 | 7.8 | 8.0 | 7.9 | 92 | 40.7 | 0.72 | 41 | | 21.86 | 16.13 | 15.64 |
| 36.0 | 0926 | 3.0 | | | 1.87 | 26.3 | | 8.1 | 8.0 | 93 | | 0.71 | 41 | | 21.98 | 16.14 | 15.73 |
| 36.0 | 0926 | 4.0 | | | 1.89 | 26.4 | | 8.1 | 8.0 | 93 | | 0.67 | 39 | | 22.15 | 16.19 | 15.85 |
| 36.0 | 0926 | 5.0 | | | 1.89 | 26.5 | | 8.0 | 7.8 | 92 | | 0.75 | 43 | | 22.40 | 16.30 | 16.02 |
| 36.0 | 0926 | 6.0 | | | 1.89 | 26.5 | | 7.9 | 7.7 | 91 | | 0.90 | 51 | | 22.51 | 16.34 | 16.09 |
| 36.0 | 0926 | 7.0 | 24.6 | 0.65 | 1.86 | 26.1 | | 7.9 | 7.7 | 91 | | 1.33 | 73 | | 22.55 | 16.36 | 16.12 |
| 35.0 | 0940 | 1.0 | | | 1.80 | 25.3 | | 8.4 | 8.3 | 97 | | 0.44 | 27 | 2.7 | 22.49 | 16.32 | 16.08 |
| 35.0 | 0940 | 2.0 | | | 1.75 | 24.6 | | 8.4 | 8.3 | 97 | | 0.39 | 24 | | 22.93 | 16.37 | 16.41 |
| 35.0 | 0940 | 3.0 | | | 1.71 | 24.0 | | 8.4 | 8.3 | 98 | | 0.34 | 22 | | 22.98 | 16.38 | 16.45 |
| 35.0 | 0940 | 4.0 | | | 1.80 | 25.3 | | 8.5 | 8.4 | 98 | | 0.32 | 21 | | 23.00 | 16.38 | 16.46 |
| 35.0 | 0940 | 5.0 | | | 1.88 | 26.3 | | 8.4 | 8.4 | 98 | | 0.32 | 21 | | 23.02 | 16.38 | 16.48 |
| 35.0 | 0940 | 6.0 | | | 1.82 | 25.6 | | 8.3 | 8.2 | 97 | | 0.34 | 22 | | 23.09 | 16.40 | 16.52 |
| 35.0 | 0940 | 7.0 | | | 1.70 | 24.0 | | 8.2 | 8.1 | 95 | | 0.45 | 27 | | 23.12 | 16.43 | 16.54 |
| 35.0 | 0940 | 8.0 | | | 1.71 | 24.1 | | 8.0 | 7.9 | 93 | | 0.98 | 55 | | 23.19 | 16.49 | 16.58 |
| 34.0 | 0950 | 1.0 | | | 1.83 | 25.7 | | 8.9 | 8.8 | 104 | | 0.44 | 27 | 2.4 | 23.26 | 16.39 | 16.66 |
| 34.0 | 0950 | 2.0 | | | 1.79 | 25.1 | | 8.9 | 8.9 | 104 | | 0.43 | 26 | | 23.26 | 16.37 | 16.66 |
| 34.0 | 0950 | 3.0 | | | 1.81 | 25.4 | | 8.9 | 8.9 | 105 | | 0.53 | 31 | | 23.28 | 16.41 | 16.67 |
| 34.0 | 0950 | 4.0 | | | 1.88 | 26.4 | | 8.9 | 8.9 | 105 | | 0.73 | 42 | | 23.33 | 16.43 | 16.70 |
| 34.0 | 0950 | 5.0 | | | 1.93 | 27.1 | | 8.9 | 8.9 | 105 | | 0.74 | 42 | | 23.31 | 16.45 | 16.68 |
| 34.0 | 0950 | 6.0 | | | 2.00 | 28.0 | | 8.9 | 8.9 | 105 | | 0.63 | 37 | | 23.34 | 16.42 | 16.71 |
| 34.0 | 0950 | 7.0 | | | 2.03 | 28.4 | | 8.9 | 8.8 | 105 | | 1.02 | 57 | | 23.43 | 16.42 | 16.78 |
| 33.0 | 1002 | 1.0 | | | 1.74 | 24.4 | | 8.8 | 8.7 | 103 | | 0.39 | 24 | 1.8 | 23.69 | 16.48 | 16.97 |
| 33.0 | 1002 | 2.0 | | | 1.77 | 24.9 | | 8.8 | 8.7 | 104 | | 0.35 | 22 | | 23.69 | 16.48 | 16.97 |
| 33.0 | 1002 | 3.0 | | | 1.80 | 25.2 | | 8.8 | 8.8 | 104 | | 0.34 | 22 | | 23.67 | 16.49 | 16.95 |
| 33.0 | 1002 | 4.0 | | | 1.72 | 24.2 | | 8.8 | 8.7 | 103 | | 0.32 | 21 | | 23.70 | 16.49 | 16.98 |
| 33.0 | 1002 | 5.0 | | | 1.60 | 22.6 | | 8.7 | 8.6 | 102 | | 0.29 | 19 | | 23.87 | 16.47 | 17.11 |
| 33.0 | 1002 | 6.0 | | | 1.54 | 21.8 | | 8.6 | 8.6 | 101 | | 0.46 | 28 | | 23.90 | 16.47 | 17.13 |
| 33.0 | 1002 | 7.0 | | | 1.63 | 22.9 | | 8.6 | 8.5 | 101 | | 0.55 | 33 | | 23.91 | 16.46 | 17.14 |
| 33.0 | 1002 | 8.0 | | | 1.70 | 24.0 | | 8.6 | 8.5 | 101 | | 0.68 | 39 | | 23.92 | 16.45 | 17.15 |
| 33.0 | 1002 | 9.0 | | | 1.64 | 23.1 | | 8.5 | 8.4 | 99 | | 0.83 | 47 | | 24.01 | 16.43 | 17.22 |
| 33.0 | 1002 | 10.0 | | | 1.57 | 22.1 | | 8.4 | 8.3 | 99 | | 1.15 | 63 | | 24.04 | 16.42 | 17.25 |
| 33.0 | 1002 | 11.0 | | | 1.61 | 22.7 | | 8.4 | 8.3 | 99 | | 1.46 | 79 | | 24.06 | 16.41 | 17.26 |
| 33.0 | 1002 | 12.0 | | | 1.63 | 23.0 | | 8.4 | 8.3 | 99 | | 3.72 | 197 | | 24.09 | 16.39 | 17.30 |
| 32.0 | 1012 | 1.0 | | | 1.27 | 18.1 | | 8.8 | 8.7 | 103 | | 0.23 | 16 | 1.6 | 24.05 | 16.50 | 17.24 |
| 32.0 | 1012 | 2.0 | 17.8 | 0.86 | 1.24 | 17.7 | 8.7 | 8.7 | 8.6 | 102 | 17.0 | 0.20 | 15 | | 24.08 | 16.45 | 17.28 |
| 32.0 | 1012 | 3.0 | | | 1.24 | 17.7 | | 8.6 | 8.5 | 101 | | 0.21 | 15 | | 24.13 | 16.42 | 17.32 |
| 32.0 | 1012 | 4.0 | | | 1.29 | 18.3 | | 8.6 | 8.5 | 101 | | 0.22 | 15 | | 24.15 | 16.43 | 17.33 |
| 32.0 | 1012 | 5.0 | | | 1.31 | 18.7 | | 8.5 | 8.5 | 100 | | 0.23 | 16 | | 24.17 | 16.42 | 17.35 |

South San Francisco Bay

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| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-----|-------|-------|-------|-------|
| 32.0 | 1012 | 6.0 | | | 1.34 | 19.0 | | 8.5 | 8.5 | 100 | | 0.25 | 17 | | 24.17 | 16.42 | 17.35 |
| 32.0 | 1012 | 7.0 | | | 1.37 | 19.4 | | 8.5 | 8.4 | 100 | | 0.28 | 18 | | 24.18 | 16.42 | 17.35 |
| 32.0 | 1012 | 8.0 | | | 1.46 | 20.7 | | 8.5 | 8.4 | 99 | | 0.28 | 19 | | 24.19 | 16.41 | 17.36 |
| 32.0 | 1012 | 9.0 | | | 1.50 | 21.3 | | 8.4 | 8.3 | 99 | | 0.34 | 22 | | 24.19 | 16.40 | 17.37 |
| 32.0 | 1012 | 10.0 | | | 1.50 | 21.2 | | 8.4 | 8.3 | 98 | | 0.57 | 33 | | 24.19 | 16.38 | 17.37 |
| 32.0 | 1012 | 11.0 | | | 1.63 | 23.0 | | 8.4 | 8.3 | 98 | | 0.84 | 48 | | 24.19 | 16.38 | 17.37 |
| 32.0 | 1012 | 12.0 | 24.7 | 0.58 | 1.66 | 23.3 | | 8.4 | 8.3 | 99 | | 1.13 | 62 | | 24.19 | 16.37 | 17.37 |
| 31.0 | 1022 | 1.0 | | | 1.24 | 17.6 | | 8.7 | 8.7 | 103 | | 0.19 | 14 | 1.6 | 24.20 | 16.51 | 17.35 |
| 31.0 | 1022 | 2.0 | | | 1.27 | 18.1 | | 8.6 | 8.5 | 101 | | 0.16 | 13 | | 24.20 | 16.43 | 17.37 |
| 31.0 | 1022 | 3.0 | | | 1.23 | 17.6 | | 8.4 | 8.4 | 99 | | 0.19 | 14 | | 24.25 | 16.37 | 17.42 |
| 31.0 | 1022 | 4.0 | | | 1.17 | 16.7 | | 8.4 | 8.3 | 99 | | 0.35 | 22 | | 24.26 | 16.38 | 17.42 |
| 31.0 | 1022 | 5.0 | | | 1.17 | 16.8 | | 8.4 | 8.3 | 99 | | 0.41 | 26 | | 24.25 | 16.39 | 17.42 |
| 31.0 | 1022 | 6.0 | | | 1.27 | 18.0 | | 8.4 | 8.3 | 99 | | 0.45 | 27 | | 24.26 | 16.37 | 17.43 |
| 31.0 | 1022 | 7.0 | | | 1.30 | 18.5 | | 8.4 | 8.3 | 99 | | 0.52 | 31 | | 24.26 | 16.38 | 17.43 |
| 31.0 | 1022 | 8.0 | | | 1.28 | 18.3 | | 8.4 | 8.3 | 98 | | 0.64 | 37 | | 24.27 | 16.36 | 17.44 |
| 31.0 | 1022 | 9.0 | | | 1.30 | 18.4 | | 8.4 | 8.3 | 98 | | 0.75 | 43 | | 24.28 | 16.36 | 17.44 |
| 31.0 | 1022 | 10.0 | | | 1.27 | 18.1 | | 8.4 | 8.3 | 98 | | 0.98 | 55 | | 24.28 | 16.36 | 17.45 |
| 31.0 | 1022 | 11.0 | | | 1.31 | 18.6 | | 8.4 | 8.3 | 98 | | 1.14 | 63 | | 24.29 | 16.36 | 17.45 |
| 31.0 | 1022 | 12.0 | | | 1.37 | 19.4 | | 8.3 | 8.2 | 98 | | 1.65 | 90 | | 24.29 | 16.35 | 17.46 |
| 31.0 | 1022 | 13.0 | | | 1.34 | 19.0 | | 8.4 | 8.3 | 98 | | 2.57 | 137 | | 24.29 | 16.35 | 17.46 |
| 30.0 | 1039 | 1.0 | | | 0.97 | 14.0 | | 8.8 | 8.7 | 104 | | 0.59 | 35 | 1.2 | 24.38 | 16.60 | 17.47 |
| 30.0 | 1039 | 2.0 | 15.4 | 0.88 | 1.04 | 14.9 | 8.8 | 8.7 | 8.7 | 103 | 11.2 | 0.13 | 11 | | 24.38 | 16.57 | 17.48 |
| 30.0 | 1039 | 3.0 | | | 1.14 | 16.3 | | 8.6 | 8.5 | 101 | | 0.14 | 11 | | 24.41 | 16.51 | 17.51 |
| 30.0 | 1039 | 4.0 | | | 1.14 | 16.3 | | 8.4 | 8.4 | 99 | | 0.16 | 13 | | 24.49 | 16.36 | 17.60 |
| 30.0 | 1039 | 5.0 | | | 1.11 | 15.9 | | 8.4 | 8.3 | 98 | | 0.22 | 15 | | 24.51 | 16.34 | 17.63 |
| 30.0 | 1039 | 6.0 | | | 1.16 | 16.6 | | 8.4 | 8.2 | 98 | | 0.27 | 18 | | 24.54 | 16.32 | 17.65 |
| 30.0 | 1039 | 7.0 | | | 1.17 | 16.7 | | 8.3 | 8.2 | 98 | | 0.32 | 21 | | 24.57 | 16.31 | 17.68 |
| 30.0 | 1039 | 8.0 | | | 1.15 | 16.5 | | 8.3 | 8.2 | 97 | | 0.42 | 26 | | 24.58 | 16.31 | 17.69 |
| 30.0 | 1039 | 9.0 | | | 1.19 | 17.0 | | 8.3 | 8.2 | 97 | | 0.46 | 28 | | 24.60 | 16.30 | 17.70 |
| 30.0 | 1039 | 10.0 | | | 1.24 | 17.7 | | 8.3 | 8.2 | 97 | | 0.51 | 30 | | 24.62 | 16.30 | 17.72 |
| 30.0 | 1039 | 11.0 | | | 1.21 | 17.3 | | 8.3 | 8.2 | 97 | | 0.62 | 36 | | 24.64 | 16.30 | 17.73 |
| 30.0 | 1039 | 12.0 | | | 1.17 | 16.7 | | 8.3 | 8.2 | 97 | | 0.72 | 42 | | 24.67 | 16.29 | 17.76 |
| 30.0 | 1039 | 13.0 | | | 1.23 | 17.6 | | 8.2 | 8.1 | 96 | | 0.81 | 46 | | 24.68 | 16.30 | 17.77 |
| 30.0 | 1039 | 14.0 | 15.3 | 0.46 | 1.25 | 17.8 | | 8.2 | 8.1 | 96 | | 0.99 | 55 | | 24.69 | 16.30 | 17.77 |
| 29.5 | 1051 | 1.0 | | | 0.98 | 14.1 | | 8.7 | 8.7 | 103 | | 0.12 | 10 | 1.2 | 24.78 | 16.55 | 17.78 |
| 29.5 | 1051 | 2.0 | | | 1.01 | 14.6 | | 8.5 | 8.5 | 101 | | 0.11 | 10 | | 24.80 | 16.51 | 17.81 |
| 29.5 | 1051 | 3.0 | | | 0.96 | 13.9 | | 8.4 | 8.3 | 99 | | 0.13 | 11 | | 24.89 | 16.30 | 17.92 |
| 29.5 | 1051 | 4.0 | | | 0.94 | 13.6 | | 8.3 | 8.2 | 98 | | 0.14 | 12 | | 24.92 | 16.29 | 17.95 |
| 29.5 | 1051 | 5.0 | | | 0.95 | 13.7 | | 8.3 | 8.2 | 97 | | 0.17 | 13 | | 24.96 | 16.28 | 17.98 |
| 29.5 | 1051 | 6.0 | | | 0.93 | 13.5 | | 8.2 | 8.1 | 97 | | 0.19 | 14 | | 24.97 | 16.29 | 17.99 |

| South San Francisco Bay | | | | | | | | | | April 30, 1997 | | | | 97120 | | | |
|-------------------------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|----------------|--------------|------|-------------|-------|-------|-------|-------|
| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
| 29.5 | 1051 | 7.0 | | | 0.96 | 13.8 | | 8.2 | 8.1 | 96 | | 0.21 | 15 | | 25.00 | 16.30 | 18.01 |
| 29.5 | 1051 | 8.0 | | | 1.02 | 14.6 | | 8.2 | 8.1 | 96 | | 0.28 | 19 | | 25.01 | 16.30 | 18.01 |
| 29.5 | 1051 | 9.0 | | | 1.07 | 15.3 | | 8.2 | 8.1 | 96 | | 0.46 | 28 | | 25.01 | 16.31 | 18.02 |
| 29.5 | 1051 | 10.0 | | | 1.10 | 15.7 | | 8.2 | 8.1 | 96 | | 0.51 | 31 | | 25.02 | 16.31 | 18.02 |
| 29.5 | 1051 | 11.0 | | | 1.11 | 15.9 | | 8.2 | 8.0 | 96 | | 0.65 | 38 | | 25.04 | 16.31 | 18.03 |
| 29.5 | 1051 | 12.0 | | | 1.17 | 16.7 | | 8.1 | 8.0 | 96 | | 0.80 | 45 | | 25.04 | 16.31 | 18.04 |
| 29.5 | 1051 | 13.0 | | | 1.18 | 16.8 | | 8.1 | 8.0 | 95 | | 1.13 | 63 | | 25.05 | 16.31 | 18.04 |
| 29.5 | 1051 | 14.0 | | | 1.14 | 16.3 | | 8.1 | 8.0 | 95 | | 3.53 | 187 | | 25.05 | 16.32 | 18.05 |
| 29.0 | 1102 | 1.0 | | | 0.83 | 12.1 | | 8.3 | 8.2 | 98 | | 0.10 | 9 | 1.1 | 25.03 | 16.45 | 18.00 |
| 29.0 | 1102 | 2.0 | | | 0.90 | 13.0 | | 8.3 | 8.2 | 98 | | 0.09 | 9 | | 25.15 | 16.29 | 18.13 |
| 29.0 | 1102 | 3.0 | | | 0.91 | 13.2 | | 8.2 | 8.1 | 96 | | 0.10 | 9 | | 25.20 | 16.31 | 18.16 |
| 29.0 | 1102 | 4.0 | | | 0.87 | 12.7 | | 8.2 | 8.1 | 96 | | 0.11 | 10 | | 25.20 | 16.31 | 18.16 |
| 29.0 | 1102 | 5.0 | | | 0.86 | 12.5 | | 8.2 | 8.0 | 96 | | 0.12 | 11 | | 25.25 | 16.32 | 18.19 |
| 29.0 | 1102 | 6.0 | | | 0.86 | 12.5 | | 8.1 | 8.0 | 95 | | 0.15 | 12 | | 25.31 | 16.32 | 18.24 |
| 29.0 | 1102 | 7.0 | | | 0.85 | 12.4 | | 8.1 | 8.0 | 95 | | 0.17 | 13 | | 25.38 | 16.31 | 18.30 |
| 29.0 | 1102 | 8.0 | | | 0.85 | 12.4 | | 8.1 | 8.0 | 95 | | 0.20 | 14 | | 25.43 | 16.30 | 18.34 |
| 29.0 | 1102 | 9.0 | | | 0.89 | 12.9 | | 8.1 | 7.9 | 95 | | 0.25 | 17 | | 25.58 | 16.26 | 18.46 |
| 29.0 | 1102 | 10.0 | | | 0.90 | 13.0 | | 8.1 | 7.9 | 95 | | 0.29 | 19 | | 25.68 | 16.24 | 18.54 |
| 29.0 | 1102 | 11.0 | | | 0.90 | 13.1 | | 8.1 | 7.9 | 95 | | 0.34 | 22 | | 25.80 | 16.22 | 18.64 |
| 29.0 | 1102 | 12.0 | | | 0.94 | 13.5 | | 8.1 | 7.9 | 95 | | 0.52 | 31 | | 25.89 | 16.21 | 18.71 |
| 29.0 | 1102 | 13.0 | | | 0.99 | 14.2 | | 8.1 | 7.9 | 95 | | 0.69 | 40 | | 25.91 | 16.20 | 18.73 |
| 29.0 | 1102 | 14.0 | | | 1.00 | 14.5 | | 8.1 | 7.9 | 95 | | 0.91 | 51 | | 25.94 | 16.20 | 18.75 |
| 28.0 | 1115 | 1.0 | | | 0.74 | 10.9 | | 8.2 | 8.1 | 96 | | 0.06 | 7 | 1.0 | 25.53 | 16.32 | 18.41 |
| 28.0 | 1115 | 2.0 | | | 0.78 | 11.4 | | 8.2 | 8.1 | 96 | | 0.09 | 9 | | 25.53 | 16.32 | 18.41 |
| 28.0 | 1115 | 3.0 | | | 0.78 | 11.4 | | 8.2 | 8.1 | 96 | | 0.08 | 8 | | 25.53 | 16.32 | 18.41 |
| 28.0 | 1115 | 4.0 | | | 0.80 | 11.7 | | 8.1 | 8.0 | 96 | | 0.08 | 8 | | 25.55 | 16.30 | 18.43 |
| 28.0 | 1115 | 5.0 | | | 0.82 | 12.0 | | 8.1 | 8.0 | 95 | | 0.08 | 9 | | 25.64 | 16.23 | 18.51 |
| 28.0 | 1115 | 6.0 | | | 0.81 | 11.8 | | 8.1 | 8.0 | 95 | | 0.10 | 9 | | 25.72 | 16.19 | 18.58 |
| 28.0 | 1115 | 7.0 | | | 0.82 | 12.0 | | 8.1 | 8.0 | 95 | | 0.12 | 10 | | 25.81 | 16.17 | 18.66 |
| 28.0 | 1115 | 8.0 | | | 0.84 | 12.3 | | 8.1 | 8.0 | 95 | | 0.13 | 11 | | 25.90 | 16.16 | 18.73 |
| 28.0 | 1115 | 9.0 | | | 0.85 | 12.4 | | 8.1 | 8.0 | 95 | | 0.13 | 11 | | 25.95 | 16.15 | 18.77 |
| 28.0 | 1115 | 10.0 | | | 0.88 | 12.8 | | 8.1 | 8.0 | 96 | | 0.16 | 13 | | 26.03 | 16.14 | 18.83 |
| 28.0 | 1115 | 11.0 | | | 0.90 | 13.0 | | 8.1 | 8.0 | 96 | | 0.30 | 20 | | 26.10 | 16.13 | 18.89 |
| 28.0 | 1115 | 12.0 | | | 0.88 | 12.8 | | 8.1 | 8.0 | 96 | | 0.48 | 29 | | 26.15 | 16.12 | 18.93 |
| 28.0 | 1115 | 13.0 | | | 0.95 | 13.8 | | 8.1 | 8.0 | 96 | | 0.89 | 50 | | 26.18 | 16.11 | 18.96 |
| 28.0 | 1115 | 14.0 | | | 0.98 | 14.2 | | 8.1 | 8.0 | 96 | | 1.13 | 63 | | 26.23 | 16.10 | 19.00 |
| 27.0 | 1126 | 1.0 | | | 0.73 | 10.7 | | 8.4 | 8.3 | 99 | | 0.07 | 8 | 1.0 | 25.74 | 16.37 | 18.56 |
| 27.0 | 1126 | 2.0 | 9.9 | 0.84 | 0.76 | 11.1 | 8.4 | 8.4 | 8.3 | 100 | 7.7 | 0.07 | 8 | | 25.73 | 16.37 | 18.55 |
| 27.0 | 1126 | 3.0 | | | 0.78 | 11.4 | | 8.4 | 8.4 | 100 | | 0.07 | 8 | | 25.73 | 16.38 | 18.55 |
| 27.0 | 1126 | 4.0 | | | 0.76 | 11.1 | | 8.3 | 8.2 | 99 | | 0.06 | 8 | | 25.73 | 16.39 | 18.55 |

South San Francisco Bay

April 30, 1997

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| STN | TIME | DEPTH | DISCR | CHL a/ a+PHA | FLUOR | CALC | DISCR | OXYG | OXYG | % OXY | DISCR | OBS | CALC | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|-------|-----------------|-------|-------|-------|------|------|-------|-------|------|------|-------|-------|-------|-------|
| | | | CHL a | | | CHL a | OXYG | OXYG | SAT | SPM | | | SPM | | | | |
| 27.0 | 1126 | 5.0 | | | 0.77 | 11.3 | | 8.2 | 8.1 | 97 | | 0.06 | 8 | | 25.96 | 16.21 | 18.77 |
| 27.0 | 1126 | 6.0 | | | 0.81 | 11.8 | | 8.2 | 8.1 | 97 | | 0.18 | 13 | | 26.24 | 16.09 | 19.01 |
| 27.0 | 1126 | 7.0 | | | 0.84 | 12.2 | | 8.2 | 8.1 | 97 | | 0.43 | 26 | | 26.28 | 16.08 | 19.04 |
| 27.0 | 1126 | 8.0 | | | 0.84 | 12.2 | | 8.3 | 8.1 | 97 | | 0.53 | 31 | | 26.30 | 16.07 | 19.06 |
| 27.0 | 1126 | 9.0 | | | 0.87 | 12.6 | | 8.3 | 8.1 | 97 | | 0.63 | 37 | | 26.32 | 16.07 | 19.07 |
| 27.0 | 1126 | 10.0 | | | 0.90 | 13.0 | | 8.3 | 8.1 | 97 | | 0.87 | 49 | | 26.36 | 16.06 | 19.10 |
| 27.0 | 1126 | 11.0 | 11.1 | 0.43 | 0.89 | 12.9 | | 8.3 | 8.1 | 97 | | 1.27 | 70 | | 26.38 | 16.05 | 19.12 |
| 26.0 | 1139 | 1.0 | | | 0.64 | 9.5 | | 8.5 | 8.4 | 101 | | 0.06 | 7 | 0.9 | 26.02 | 16.49 | 18.75 |
| 26.0 | 1139 | 2.0 | | | 0.64 | 9.5 | | 8.5 | 8.4 | 101 | | 0.05 | 7 | | 26.02 | 16.48 | 18.75 |
| 26.0 | 1139 | 3.0 | | | 0.67 | 10.0 | | 8.3 | 8.2 | 98 | | 0.05 | 7 | | 26.04 | 16.43 | 18.77 |
| 26.0 | 1139 | 4.0 | | | 0.71 | 10.5 | | 8.2 | 8.1 | 97 | | 0.10 | 10 | | 26.30 | 16.16 | 19.03 |
| 26.0 | 1139 | 5.0 | | | 0.73 | 10.8 | | 8.2 | 8.1 | 96 | | 0.28 | 18 | | 26.46 | 16.02 | 19.19 |
| 26.0 | 1139 | 6.0 | | | 0.75 | 11.1 | | 8.2 | 8.1 | 96 | | 0.42 | 26 | | 26.50 | 15.99 | 19.22 |
| 26.0 | 1139 | 7.0 | | | 0.80 | 11.8 | | 8.2 | 8.1 | 97 | | 0.77 | 44 | | 26.52 | 15.98 | 19.24 |
| 26.0 | 1139 | 8.0 | | | 0.88 | 12.8 | | 8.2 | 8.1 | 97 | | 1.25 | 69 | | 26.54 | 15.96 | 19.26 |
| 26.0 | 1139 | 9.0 | | | 0.87 | 12.6 | | 8.3 | 8.1 | 97 | | 2.15 | 116 | | 26.55 | 15.95 | 19.27 |
| 25.0 | 1152 | 1.0 | | | 0.71 | 10.5 | | 8.3 | 8.2 | 98 | | 0.40 | 25 | 1.6 | 26.40 | 16.32 | 19.08 |
| 25.0 | 1152 | 2.0 | | | 0.70 | 10.4 | | 8.3 | 8.2 | 98 | | 0.28 | 19 | | 26.39 | 16.36 | 19.06 |
| 25.0 | 1152 | 3.0 | | | 0.75 | 11.0 | | 8.3 | 8.2 | 98 | | 0.26 | 18 | | 26.41 | 16.32 | 19.08 |
| 25.0 | 1152 | 4.0 | | | 0.77 | 11.2 | | 8.3 | 8.2 | 98 | | 0.35 | 23 | | 26.42 | 16.28 | 19.10 |
| 25.0 | 1152 | 5.0 | | | 0.73 | 10.8 | | 8.2 | 8.1 | 97 | | 0.45 | 27 | | 26.42 | 16.28 | 19.10 |
| 25.0 | 1152 | 6.0 | | | 0.78 | 11.4 | | 8.2 | 8.1 | 97 | | 0.59 | 35 | | 26.44 | 16.25 | 19.12 |
| 25.0 | 1152 | 7.0 | | | 0.82 | 12.0 | | 8.2 | 8.1 | 97 | | 1.03 | 58 | | 26.44 | 16.24 | 19.13 |
| 25.0 | 1152 | 8.0 | | | 0.79 | 11.6 | | 8.3 | 8.2 | 98 | | 1.74 | 94 | | 26.44 | 16.24 | 19.13 |
| 24.0 | 1206 | 1.0 | | | 0.52 | 7.9 | | 8.7 | 8.6 | 103 | | 0.09 | 9 | 0.9 | 27.34 | 15.75 | 19.92 |
| 24.0 | 1206 | 2.0 | 8.8 | 0.82 | 0.51 | 7.8 | 8.6 | 8.7 | 8.7 | 103 | 8.3 | 0.09 | 9 | | 27.34 | 15.75 | 19.92 |
| 24.0 | 1206 | 3.0 | | | 0.52 | 7.9 | | 8.7 | 8.7 | 103 | | 0.10 | 9 | | 27.34 | 15.76 | 19.92 |
| 24.0 | 1206 | 4.0 | | | 0.56 | 8.4 | | 8.7 | 8.6 | 103 | | 0.09 | 9 | | 27.34 | 15.75 | 19.92 |
| 24.0 | 1206 | 5.0 | | | 0.63 | 9.4 | | 8.7 | 8.6 | 103 | | 0.11 | 10 | | 27.34 | 15.73 | 19.92 |
| 24.0 | 1206 | 6.0 | | | 0.66 | 9.8 | | 8.7 | 8.6 | 103 | | 0.15 | 12 | | 27.33 | 15.71 | 19.92 |
| 24.0 | 1206 | 7.0 | | | 0.64 | 9.6 | | 8.7 | 8.6 | 103 | | 0.18 | 14 | | 27.33 | 15.70 | 19.92 |
| 24.0 | 1206 | 8.0 | | | 0.62 | 9.3 | | 8.7 | 8.6 | 103 | | 0.24 | 17 | | 27.33 | 15.70 | 19.92 |
| 24.0 | 1206 | 9.0 | 9.7 | 0.62 | 0.62 | 9.3 | | 8.7 | 8.6 | 102 | | 0.34 | 22 | | 27.33 | 15.69 | 19.92 |
| 23.0 | 1220 | 1.0 | | | 0.54 | 8.1 | | 8.7 | 8.7 | 104 | | 0.05 | 7 | 0.8 | 27.27 | 15.90 | 19.83 |
| 23.0 | 1220 | 2.0 | | | 0.55 | 8.3 | | 8.7 | 8.7 | 104 | | 0.05 | 7 | | 27.27 | 15.90 | 19.83 |
| 23.0 | 1220 | 3.0 | | | 0.55 | 8.3 | | 8.7 | 8.7 | 104 | | 0.06 | 7 | | 27.27 | 15.90 | 19.84 |
| 23.0 | 1220 | 4.0 | | | 0.54 | 8.2 | | 8.7 | 8.6 | 103 | | 0.04 | 6 | | 27.27 | 15.89 | 19.83 |
| 23.0 | 1220 | 5.0 | | | 0.61 | 9.1 | | 8.7 | 8.6 | 103 | | 0.04 | 6 | | 27.25 | 15.86 | 19.83 |
| 23.0 | 1220 | 6.0 | | | 0.65 | 9.6 | | 8.6 | 8.6 | 102 | | 0.04 | 6 | | 27.25 | 15.78 | 19.85 |

South San Francisco Bay

April 30, 1997

97120

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------------|-------------|-------|-------|-------|-------|
| 23.0 | 1220 | 7.0 | | | 0.65 | 9.6 | | 8.6 | 8.5 | 101 | | 0.04 | 6 | | 27.26 | 15.73 | 19.86 |
| 23.0 | 1220 | 8.0 | | | 0.62 | 9.3 | | 8.6 | 8.5 | 101 | | 0.06 | 7 | | 27.29 | 15.69 | 19.89 |
| 23.0 | 1220 | 9.0 | | | 0.61 | 9.2 | | 8.6 | 8.5 | 101 | | 0.06 | 7 | | 27.31 | 15.65 | 19.92 |
| 23.0 | 1220 | 10.0 | | | 0.60 | 9.0 | | 8.6 | 8.5 | 101 | | 0.07 | 8 | | 27.32 | 15.64 | 19.93 |
| 23.0 | 1220 | 11.0 | | | 0.57 | 8.6 | | 8.6 | 8.5 | 101 | | 0.09 | 9 | | 27.33 | 15.63 | 19.94 |
| 23.0 | 1220 | 12.0 | | | 0.55 | 8.4 | | 8.6 | 8.5 | 101 | | 0.10 | 9 | | 27.34 | 15.62 | 19.95 |
| 23.0 | 1220 | 13.0 | | | 0.56 | 8.4 | | 8.6 | 8.5 | 101 | | 0.13 | 11 | | 27.35 | 15.60 | 19.96 |
| 23.0 | 1220 | 14.0 | | | 0.56 | 8.5 | | 8.6 | 8.5 | 101 | | 0.12 | 11 | | 27.36 | 15.60 | 19.96 |
| 22.0 | 1236 | 1.0 | | | 0.36 | 5.8 | | 8.6 | 8.5 | 101 | | 0.02 | 5 | 0.7 | 27.91 | 15.26 | 20.46 |
| 22.0 | 1236 | 2.0 | | | 0.36 | 5.7 | | 8.6 | 8.5 | 101 | | 0.02 | 5 | | 27.91 | 15.27 | 20.46 |
| 22.0 | 1236 | 3.0 | | | 0.38 | 6.0 | | 8.6 | 8.5 | 101 | | 0.02 | 5 | | 27.91 | 15.27 | 20.46 |
| 22.0 | 1236 | 4.0 | | | 0.40 | 6.2 | | 8.6 | 8.5 | 100 | | 0.02 | 5 | | 27.91 | 15.26 | 20.46 |
| 22.0 | 1236 | 5.0 | | | 0.41 | 6.5 | | 8.5 | 8.5 | 100 | | 0.02 | 5 | | 27.92 | 15.21 | 20.48 |
| 22.0 | 1236 | 6.0 | | | 0.44 | 6.8 | | 8.5 | 8.4 | 100 | | 0.03 | 6 | | 27.93 | 15.17 | 20.50 |
| 22.0 | 1236 | 7.0 | | | 0.45 | 6.9 | | 8.5 | 8.4 | 99 | | 0.03 | 6 | | 27.95 | 15.12 | 20.52 |
| 22.0 | 1236 | 8.0 | | | 0.44 | 6.8 | | 8.4 | 8.3 | 99 | | 0.04 | 6 | | 27.97 | 15.10 | 20.54 |
| 22.0 | 1236 | 9.0 | | | 0.42 | 6.6 | | 8.4 | 8.3 | 98 | | 0.06 | 7 | | 27.99 | 15.03 | 20.57 |
| 22.0 | 1236 | 10.0 | | | 0.43 | 6.7 | | 8.4 | 8.3 | 98 | | 0.06 | 7 | | 28.00 | 15.02 | 20.58 |
| 22.0 | 1236 | 11.0 | | | 0.44 | 6.9 | | 8.4 | 8.3 | 98 | | 0.06 | 7 | | 28.01 | 14.99 | 20.59 |
| 22.0 | 1236 | 12.0 | | | 0.44 | 6.8 | | 8.4 | 8.3 | 98 | | 0.08 | 8 | | 28.04 | 14.95 | 20.63 |
| 22.0 | 1236 | 13.0 | | | 0.44 | 6.9 | | 8.4 | 8.3 | 98 | | 0.08 | 8 | | 28.06 | 14.93 | 20.64 |
| 22.0 | 1236 | 14.0 | | | 0.42 | 6.6 | | 8.4 | 8.3 | 97 | | 0.09 | 9 | | 28.07 | 14.91 | 20.66 |
| 22.0 | 1236 | 15.0 | | | 0.41 | 6.5 | | 8.3 | 8.2 | 97 | | 0.10 | 10 | | 28.09 | 14.88 | 20.68 |
| 22.0 | 1236 | 16.0 | | | 0.43 | 6.7 | | 8.4 | 8.3 | 97 | | 0.16 | 13 | | 28.12 | 14.85 | 20.70 |
| 21.0 | 1250 | 1.0 | | | 0.39 | 6.1 | | 8.8 | 8.7 | 105 | | 0.00 | 4 | 0.7 | 27.25 | 16.06 | 19.79 |
| 21.0 | 1250 | 2.0 | | | 0.40 | 6.3 | | 8.8 | 8.7 | 105 | | 0.01 | 5 | | 27.25 | 16.06 | 19.79 |
| 21.0 | 1250 | 3.0 | 7.9 | 0.88 | 0.41 | 6.5 | 8.6 | 8.8 | 8.8 | 105 | 3.8 | 0.02 | 5 | | 27.25 | 16.06 | 19.79 |
| 21.0 | 1250 | 4.0 | | | 0.47 | 7.2 | | 8.7 | 8.6 | 104 | | 0.02 | 5 | | 27.25 | 16.06 | 19.79 |
| 21.0 | 1250 | 5.0 | | | 0.50 | 7.6 | | 8.5 | 8.4 | 101 | | 0.02 | 5 | | 27.24 | 15.99 | 19.80 |
| 21.0 | 1250 | 6.0 | | | 0.48 | 7.4 | | 8.3 | 8.2 | 97 | | 0.02 | 5 | | 27.29 | 15.78 | 19.88 |
| 21.0 | 1250 | 7.0 | | | 0.48 | 7.3 | | 8.2 | 8.0 | 96 | | 0.02 | 5 | | 27.52 | 15.52 | 20.11 |
| 21.0 | 1250 | 8.0 | | | 0.48 | 7.3 | | 8.2 | 8.1 | 96 | | 0.03 | 6 | | 27.77 | 15.26 | 20.35 |
| 21.0 | 1250 | 9.0 | | | 0.44 | 6.8 | | 8.2 | 8.1 | 96 | | 0.05 | 7 | | 27.84 | 15.20 | 20.42 |
| 21.0 | 1250 | 10.0 | | | 0.40 | 6.3 | | 8.2 | 8.1 | 95 | | 0.05 | 7 | | 27.87 | 15.17 | 20.45 |
| 21.0 | 1250 | 11.0 | | | 0.40 | 6.3 | | 8.2 | 8.1 | 95 | | 0.07 | 8 | | 27.94 | 15.12 | 20.51 |
| 21.0 | 1250 | 12.0 | | | 0.43 | 6.7 | | 8.2 | 8.0 | 95 | | 0.07 | 8 | | 27.94 | 15.11 | 20.52 |
| 21.0 | 1250 | 13.0 | | | 0.45 | 6.9 | | 8.2 | 8.0 | 95 | | 0.09 | 9 | | 27.95 | 15.11 | 20.52 |
| 21.0 | 1250 | 14.0 | | | 0.41 | 6.4 | | 8.1 | 8.0 | 95 | | 0.10 | 9 | | 27.97 | 15.09 | 20.54 |
| 21.0 | 1250 | 15.0 | | | 0.38 | 6.0 | | 8.1 | 8.0 | 95 | | 0.10 | 9 | | 27.99 | 15.07 | 20.56 |
| 21.0 | 1250 | 16.0 | | | 0.34 | 5.4 | | 8.1 | 8.0 | 95 | | 0.12 | 10 | | 28.00 | 15.06 | 20.57 |
| 21.0 | 1250 | 17.0 | 5.2 | 0.70 | 0.33 | 5.3 | | 8.2 | 8.0 | 95 | | 0.13 | 11 | | 27.99 | 15.07 | 20.57 |

97120

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|-------------------------------|----|-------|--------|--------|-------|
| Fluorometer Calibration: | 12 | 0.963 | 13.567 | 0.856 | 1.531 |
| OBS Calibration: | 6 | 0.991 | 51.697 | 4.211 | 1.403 |
| Dissolved Oxygen Calibration: | 6 | 0.918 | 1.089 | -0.842 | 0.109 |

SeaBird v4.026

97134

May 14, 1997

North San Francisco Bay

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | EXCOF | SALIN | TEMP | SIGT |
|-------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------------|-------|-------|-------|------|
| 657.0 | 1843 | 1.0 | | | 0.88 | 7.2 | | 8.6 | 8.7 | 98 | | 0.55 | | 0.09 | 21.02 | 0.00 |
| 657.0 | 1843 | 2.0 | 5.9 | 0.70 | 0.87 | 7.2 | 8.7 | 8.6 | 8.7 | 98 | 32.1 | 0.54 | 2.6 | 0.09 | 21.02 | 0.00 |
| 657.0 | 1843 | 3.0 | | | 0.89 | 7.3 | | 8.6 | 8.7 | 98 | | 0.54 | | 0.09 | 21.02 | 0.00 |
| 657.0 | 1843 | 4.0 | | | 0.89 | 7.4 | | 8.6 | 8.7 | 98 | | 0.53 | | 0.09 | 21.03 | 0.00 |
| 657.0 | 1843 | 5.0 | | | 0.89 | 7.4 | | 8.6 | 8.7 | 98 | | 0.54 | | 0.09 | 21.01 | 0.00 |
| 657.0 | 1843 | 6.0 | | | 0.90 | 7.4 | | 8.6 | 8.7 | 98 | | 0.55 | | 0.08 | 21.00 | 0.00 |
| 657.0 | 1843 | 7.0 | | | 0.90 | 7.4 | | 8.6 | 8.7 | 98 | | 0.54 | | 0.08 | 20.99 | 0.00 |
| 657.0 | 1843 | 8.0 | | | 0.87 | 7.2 | | 8.5 | 8.6 | 97 | | 0.54 | | 0.08 | 20.95 | 0.00 |
| 657.0 | 1843 | 9.0 | 5.6 | 0.58 | 0.87 | 7.2 | | 8.5 | 8.7 | 97 | | 0.54 | | 0.09 | 20.92 | 0.00 |
| 649.0 | 1748 | 1.0 | | | 0.49 | 4.4 | | 8.8 | 8.9 | 98 | | 0.48 | 2.4 | 0.10 | 19.94 | 0.00 |
| 649.0 | 1748 | 2.0 | 3.5 | 0.68 | 0.50 | 4.4 | 8.8 | 8.8 | 8.9 | 99 | | 0.48 | | 0.10 | 19.94 | 0.00 |
| 649.0 | 1748 | 3.0 | | | 0.50 | 4.4 | | 8.8 | 8.9 | 99 | | 0.48 | | 0.10 | 19.94 | 0.00 |
| 649.0 | 1748 | 4.0 | | | 0.49 | 4.4 | | 8.8 | 8.9 | 98 | | 0.49 | | 0.10 | 19.93 | 0.00 |
| 649.0 | 1748 | 5.0 | | | 0.50 | 4.4 | | 8.8 | 8.9 | 98 | | 0.49 | | 0.10 | 19.91 | 0.00 |
| 649.0 | 1748 | 6.0 | | | 0.50 | 4.5 | | 8.8 | 9.0 | 99 | | 0.50 | | 0.10 | 19.87 | 0.00 |
| 649.0 | 1748 | 7.0 | | | 0.50 | 4.5 | | 8.8 | 9.0 | 99 | | 0.50 | | 0.10 | 19.85 | 0.00 |
| 649.0 | 1748 | 8.0 | | | 0.50 | 4.5 | | 8.9 | 9.0 | 99 | | 0.49 | | 0.10 | 19.84 | 0.00 |
| 649.0 | 1748 | 9.0 | | | 0.50 | 4.4 | | 8.8 | 9.0 | 99 | | 0.49 | | 0.10 | 19.84 | 0.00 |
| 649.0 | 1748 | 10.0 | 3.9 | 0.66 | 0.50 | 4.4 | | 8.8 | 9.0 | 99 | | 0.49 | | 0.10 | 19.84 | 0.00 |
| 2.0 | 1728 | 1.0 | | | 0.36 | 3.4 | | 8.6 | 8.7 | 97 | | 0.67 | 2.9 | 0.19 | 20.24 | 0.00 |
| 2.0 | 1728 | 2.0 | | | 0.36 | 3.4 | | 8.6 | 8.7 | 97 | | 0.62 | | 0.18 | 20.22 | 0.00 |
| 2.0 | 1728 | 3.0 | | | 0.35 | 3.4 | | 8.6 | 8.8 | 97 | | 0.63 | | 0.18 | 20.21 | 0.00 |
| 2.0 | 1728 | 4.0 | | | 0.36 | 3.4 | | 8.6 | 8.7 | 97 | | 0.63 | | 0.18 | 20.18 | 0.00 |
| 2.0 | 1728 | 5.0 | | | 0.38 | 3.6 | | 8.6 | 8.7 | 97 | | 0.64 | | 0.17 | 20.09 | 0.00 |
| 2.0 | 1728 | 6.0 | | | 0.40 | 3.7 | | 8.7 | 8.8 | 97 | | 0.66 | | 0.16 | 20.04 | 0.00 |
| 2.0 | 1728 | 7.0 | | | 0.41 | 3.8 | | 8.7 | 8.8 | 97 | | 0.67 | | 0.16 | 20.04 | 0.00 |
| 2.0 | 1728 | 8.0 | | | 0.41 | 3.7 | | 8.7 | 8.8 | 97 | | 0.67 | | 0.16 | 20.04 | 0.00 |
| 2.0 | 1728 | 9.0 | | | 0.40 | 3.7 | | 8.7 | 8.8 | 97 | | 0.66 | | 0.16 | 20.04 | 0.00 |
| 2.0 | 1728 | 10.0 | | | 0.40 | 3.7 | | 8.7 | 8.8 | 97 | | 0.64 | | 0.16 | 20.04 | 0.00 |
| 3.0 | 1658 | 1.0 | | | 0.36 | 3.4 | | 8.6 | 8.7 | 97 | | 0.87 | 3.0 | 0.24 | 20.18 | 0.00 |
| 3.0 | 1658 | 2.0 | 2.5 | 0.55 | 0.36 | 3.4 | 8.5 | 8.6 | 8.7 | 97 | 50.2 | 0.96 | | 0.25 | 20.16 | 0.00 |
| 3.0 | 1658 | 3.0 | | | 0.37 | 3.5 | | 8.6 | 8.7 | 97 | | 0.96 | | 0.25 | 20.15 | 0.00 |
| 3.0 | 1658 | 4.0 | | | 0.38 | 3.6 | | 8.6 | 8.7 | 97 | | 1.00 | | 0.25 | 20.14 | 0.00 |
| 3.0 | 1658 | 5.0 | | | 0.39 | 3.6 | | 8.6 | 8.7 | 97 | | 1.08 | | 0.25 | 20.13 | 0.00 |
| 3.0 | 1658 | 6.0 | | | 0.40 | 3.7 | | 8.6 | 8.8 | 97 | | 1.07 | | 0.25 | 20.12 | 0.00 |
| 3.0 | 1658 | 7.0 | | | 0.40 | 3.7 | | 8.6 | 8.8 | 97 | | 1.10 | | 0.25 | 20.12 | 0.00 |
| 3.0 | 1658 | 8.0 | | | 0.40 | 3.7 | | 8.6 | 8.8 | 97 | | 1.12 | | 0.25 | 20.12 | 0.00 |
| 3.0 | 1658 | 9.0 | | | 0.39 | 3.7 | | 8.6 | 8.7 | 97 | | 1.13 | | 0.25 | 20.11 | 0.00 |
| 3.0 | 1658 | 10.0 | 3.2 | 0.57 | 0.40 | 3.7 | | 8.6 | 8.8 | 97 | | 1.16 | | 0.25 | 20.11 | 0.00 |

North San Francisco Bay

May 14, 1997

97134

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|-----|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-------------|-------|-------|-------|------|
| 4.0 | 1634 | 1.0 | | | 0.40 | 3.7 | | 8.5 | 8.7 | 95 | | 1.10 | 59 | 4.2 | 0.26 | 19.66 | 0.00 |
| 4.0 | 1634 | 2.0 | | | 0.40 | 3.7 | | 8.6 | 8.7 | 95 | | 1.17 | 63 | | 0.28 | 19.65 | 0.00 |
| 4.0 | 1634 | 3.0 | | | 0.40 | 3.7 | | 8.6 | 8.7 | 95 | | 1.15 | 62 | | 0.28 | 19.65 | 0.00 |
| 4.0 | 1634 | 4.0 | | | 0.41 | 3.7 | | 8.6 | 8.7 | 96 | | 1.16 | 62 | | 0.28 | 19.65 | 0.00 |
| 4.0 | 1634 | 5.0 | | | 0.41 | 3.8 | | 8.6 | 8.7 | 96 | | 1.19 | 64 | | 0.28 | 19.65 | 0.00 |
| 4.0 | 1634 | 6.0 | | | 0.41 | 3.8 | | 8.6 | 8.8 | 96 | | 1.20 | 64 | | 0.30 | 19.65 | 0.00 |
| 4.0 | 1634 | 7.0 | | | 0.41 | 3.7 | | 8.7 | 8.8 | 96 | | 1.17 | 63 | | 0.31 | 19.66 | 0.00 |
| 4.0 | 1634 | 8.0 | | | 0.41 | 3.8 | | 8.7 | 8.8 | 96 | | 1.21 | 65 | | 0.32 | 19.66 | 0.00 |
| 4.0 | 1634 | 9.0 | | | 0.41 | 3.8 | | 8.7 | 8.8 | 97 | | 1.20 | 64 | | 0.32 | 19.66 | 0.00 |
| 4.0 | 1634 | 10.0 | | | 0.41 | 3.7 | | 8.7 | 8.8 | 97 | | 1.18 | 63 | | 0.32 | 19.66 | 0.00 |
| 4.0 | 1634 | 11.0 | | | 0.40 | 3.7 | | 8.7 | 8.8 | 97 | | 1.20 | 64 | | 0.32 | 19.67 | 0.00 |
| 4.0 | 1634 | 12.0 | | | 0.40 | 3.7 | | 8.7 | 8.8 | 97 | | 1.22 | 65 | | 0.34 | 19.67 | 0.00 |
| 4.0 | 1634 | 13.0 | | | 0.39 | 3.7 | | 8.7 | 8.8 | 97 | | 1.21 | 65 | | 0.35 | 19.68 | 0.00 |
| 4.0 | 1634 | 14.0 | | | 0.40 | 3.7 | | 8.7 | 8.8 | 97 | | 1.23 | 66 | | 0.35 | 19.68 | 0.00 |
| 4.0 | 1634 | 15.0 | | | 0.40 | 3.7 | | 8.7 | 8.8 | 97 | | 1.20 | 65 | | 0.35 | 19.68 | 0.00 |
| 5.0 | 1612 | 1.0 | | | 0.40 | 3.7 | | 8.6 | 8.7 | 96 | | 1.96 | 103 | 5.7 | 0.48 | 19.66 | 0.00 |
| 5.0 | 1612 | 2.0 | | | 0.40 | 3.7 | | 8.6 | 8.8 | 96 | | 1.98 | 105 | | 0.48 | 19.65 | 0.00 |
| 5.0 | 1612 | 3.0 | | | 0.41 | 3.8 | | 8.7 | 8.8 | 96 | | 2.02 | 107 | | 0.48 | 19.65 | 0.00 |
| 5.0 | 1612 | 4.0 | | | 0.42 | 3.8 | | 8.7 | 8.8 | 97 | | 2.01 | 106 | | 0.49 | 19.65 | 0.00 |
| 5.0 | 1612 | 5.0 | | | 0.42 | 3.8 | | 8.7 | 8.8 | 97 | | 2.03 | 107 | | 0.49 | 19.65 | 0.00 |
| 5.0 | 1612 | 6.0 | | | 0.42 | 3.8 | | 8.7 | 8.8 | 97 | | 2.08 | 110 | | 0.49 | 19.65 | 0.00 |
| 5.0 | 1612 | 7.0 | | | 0.41 | 3.8 | | 8.7 | 8.8 | 97 | | 2.05 | 108 | | 0.49 | 19.65 | 0.00 |
| 5.0 | 1612 | 8.0 | | | 0.41 | 3.8 | | 8.7 | 8.8 | 97 | | 2.08 | 110 | | 0.49 | 19.65 | 0.00 |
| 5.0 | 1612 | 9.0 | | | 0.42 | 3.8 | | 8.7 | 8.8 | 97 | | 2.11 | 112 | | 0.49 | 19.65 | 0.00 |
| 5.0 | 1612 | 10.0 | | | 0.42 | 3.9 | | 8.7 | 8.8 | 97 | | 2.06 | 109 | | 0.49 | 19.65 | 0.00 |
| 5.0 | 1612 | 11.0 | | | 0.42 | 3.9 | | 8.7 | 8.8 | 97 | | 2.12 | 112 | | 0.49 | 19.65 | 0.00 |
| 6.0 | 1549 | 1.0 | | | 0.35 | 3.4 | | 8.6 | 8.8 | 97 | | 1.77 | 94 | 9.2 | 1.76 | 19.53 | 0.00 |
| 6.0 | 1549 | 2.0 | 2.3 | 0.40 | 0.36 | 3.4 | 8.6 | 8.7 | 8.8 | 97 | 98.9 | 1.86 | 98 | | 1.79 | 19.50 | 0.00 |
| 6.0 | 1549 | 3.0 | | | 0.36 | 3.4 | | 8.7 | 8.8 | 97 | | 1.85 | 98 | | 1.80 | 19.49 | 0.00 |
| 6.0 | 1549 | 4.0 | | | 0.36 | 3.4 | | 8.7 | 8.8 | 97 | | 1.88 | 100 | | 1.84 | 19.48 | 0.00 |
| 6.0 | 1549 | 5.0 | | | 0.36 | 3.4 | | 8.7 | 8.8 | 97 | | 1.89 | 100 | | 1.85 | 19.47 | 0.00 |
| 6.0 | 1549 | 6.0 | | | 0.37 | 3.5 | | 8.7 | 8.8 | 97 | | 1.88 | 100 | | 1.86 | 19.47 | 0.00 |
| 6.0 | 1549 | 7.0 | | | 0.36 | 3.4 | | 8.7 | 8.8 | 97 | | 1.88 | 100 | | 1.89 | 19.45 | 0.00 |
| 6.0 | 1549 | 8.0 | | | 0.36 | 3.4 | | 8.7 | 8.8 | 97 | | 1.90 | 101 | | 1.92 | 19.43 | 0.00 |
| 6.0 | 1549 | 9.0 | | | 0.37 | 3.5 | | 8.7 | 8.8 | 97 | | 1.90 | 101 | | 1.92 | 19.43 | 0.00 |
| 6.0 | 1549 | 10.0 | 3.0 | 0.39 | 0.37 | 3.5 | | 8.7 | 8.8 | 97 | | 1.92 | 101 | | 1.92 | 19.43 | 0.00 |
| 7.0 | 1520 | 1.0 | | | 0.31 | 3.0 | | 8.2 | 8.3 | 93 | | 1.27 | 68 | 4.2 | 3.85 | 19.52 | 1.24 |
| 7.0 | 1520 | 2.0 | | | 0.32 | 3.1 | | 8.3 | 8.4 | 94 | | 1.32 | 70 | | 4.22 | 19.26 | 1.57 |
| 7.0 | 1520 | 3.0 | | | 0.33 | 3.2 | | 8.3 | 8.5 | 94 | | 1.35 | 72 | | 4.46 | 19.21 | 1.77 |
| 7.0 | 1520 | 4.0 | | | 0.33 | 3.2 | | 8.4 | 8.5 | 95 | | 1.32 | 71 | | 4.65 | 19.17 | 1.92 |

North San Francisco Bay

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| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | EXCOF | SALIN | TEMP | SIGT |
|-----|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------------|-------|-------|-------|-------|
| 7.0 | 1520 | 5.0 | | | 0.34 | 3.3 | | 8.4 | 8.5 | 95 | | 1.28 | | 4.75 | 19.15 | 1.99 |
| 7.0 | 1520 | 6.0 | | | 0.36 | 3.4 | | 8.3 | 8.5 | 94 | | 1.24 | | 4.87 | 19.12 | 2.10 |
| 7.0 | 1520 | 7.0 | | | 0.37 | 3.5 | | 8.3 | 8.4 | 94 | | 1.39 | | 5.28 | 19.07 | 2.42 |
| 7.0 | 1520 | 8.0 | | | 0.38 | 3.6 | | 8.3 | 8.4 | 94 | | 1.53 | | 5.53 | 19.03 | 2.62 |
| 7.0 | 1520 | 9.0 | | | 0.41 | 3.8 | | 8.3 | 8.4 | 94 | | 1.66 | | 5.99 | 18.96 | 2.97 |
| 7.0 | 1520 | 10.0 | | | 0.42 | 3.9 | | 8.3 | 8.4 | 94 | | 1.79 | | 6.31 | 18.92 | 3.23 |
| 7.0 | 1520 | 11.0 | | | 0.43 | 3.9 | | 8.3 | 8.4 | 94 | | 1.83 | | 6.54 | 18.89 | 3.41 |
| 7.0 | 1520 | 12.0 | | | 0.49 | 4.4 | | 8.3 | 8.4 | 94 | | 1.82 | | 6.78 | 18.85 | 3.60 |
| 7.0 | 1520 | 13.0 | | | 0.50 | 4.5 | | 8.3 | 8.4 | 95 | | 1.85 | | 7.01 | 18.83 | 3.78 |
| 8.0 | 1441 | 1.0 | | | 0.36 | 3.4 | | 8.6 | 8.7 | 99 | | 0.94 | 4.8 | 5.59 | 19.71 | 2.52 |
| 8.0 | 1441 | 2.0 | | | 0.35 | 3.3 | | 8.6 | 8.7 | 98 | | 0.92 | | 5.62 | 19.64 | 2.56 |
| 8.0 | 1441 | 3.0 | | | 0.35 | 3.3 | | 8.4 | 8.5 | 97 | | 0.89 | | 5.70 | 19.52 | 2.64 |
| 8.0 | 1441 | 4.0 | | | 0.36 | 3.4 | | 8.4 | 8.5 | 96 | | 0.87 | | 6.05 | 19.22 | 2.97 |
| 8.0 | 1441 | 5.0 | | | 0.39 | 3.6 | | 8.4 | 8.5 | 96 | | 0.82 | | 6.47 | 19.07 | 3.32 |
| 8.0 | 1441 | 6.0 | | | 0.42 | 3.8 | | 8.3 | 8.5 | 95 | | 0.76 | | 6.96 | 18.94 | 3.72 |
| 8.0 | 1441 | 7.0 | | | 0.42 | 3.9 | | 8.3 | 8.5 | 95 | | 0.73 | | 7.76 | 18.80 | 4.36 |
| 8.0 | 1441 | 8.0 | | | 0.44 | 4.0 | | 8.3 | 8.5 | 96 | | 0.74 | | 8.30 | 18.74 | 4.78 |
| 8.0 | 1441 | 9.0 | | | 0.49 | 4.4 | | 8.3 | 8.5 | 96 | | 0.70 | | 8.95 | 18.68 | 5.28 |
| 8.0 | 1441 | 10.0 | | | 0.52 | 4.6 | | 8.4 | 8.5 | 96 | | 0.70 | | 9.57 | 18.67 | 5.76 |
| 8.0 | 1441 | 11.0 | | | 0.51 | 4.5 | | 8.4 | 8.5 | 97 | | 0.71 | | 9.59 | 18.67 | 5.77 |
| 8.0 | 1441 | 12.0 | | | 0.52 | 4.6 | | 8.3 | 8.4 | 96 | | 0.73 | | 9.85 | 18.66 | 5.97 |
| 8.0 | 1441 | 13.0 | | | 0.52 | 4.6 | | 8.2 | 8.4 | 96 | | 0.72 | | 11.40 | 18.54 | 7.18 |
| 8.0 | 1441 | 14.0 | | | 0.55 | 4.8 | | 8.2 | 8.3 | 97 | | 0.66 | | 13.60 | 18.38 | 8.88 |
| 8.0 | 1441 | 15.0 | | | 0.63 | 5.4 | | 8.2 | 8.3 | 97 | | 0.63 | | 15.16 | 18.26 | 10.08 |
| 8.0 | 1441 | 16.0 | | | 0.64 | 5.5 | | 8.2 | 8.3 | 98 | | 0.59 | | 16.05 | 18.23 | 10.77 |
| 9.0 | 1414 | 1.0 | | | 0.33 | 3.2 | | 8.7 | 8.8 | 100 | | 0.43 | 2.2 | 6.93 | 19.39 | 3.60 |
| 9.0 | 1414 | 2.0 | | 0.76 | 0.34 | 3.2 | 8.7 | 8.7 | 8.8 | 100 | 23.2 | 0.42 | | 6.92 | 19.40 | 3.59 |
| 9.0 | 1414 | 3.0 | | | 0.36 | 3.4 | | 8.6 | 8.7 | 99 | | 0.42 | | 7.03 | 19.36 | 3.69 |
| 9.0 | 1414 | 4.0 | | | 0.38 | 3.6 | | 8.4 | 8.5 | 97 | | 0.42 | | 7.17 | 19.24 | 3.82 |
| 9.0 | 1414 | 5.0 | | | 0.41 | 3.8 | | 8.5 | 8.6 | 97 | | 0.42 | | 7.75 | 18.94 | 4.32 |
| 9.0 | 1414 | 6.0 | | | 0.41 | 3.8 | | 8.5 | 8.6 | 98 | | 0.41 | | 8.28 | 18.83 | 4.74 |
| 9.0 | 1414 | 7.0 | | | 0.40 | 3.7 | | 8.5 | 8.7 | 98 | | 0.45 | | 8.44 | 18.83 | 4.87 |
| 9.0 | 1414 | 8.0 | | | 0.41 | 3.8 | | 8.5 | 8.6 | 98 | | 0.51 | | 8.69 | 18.85 | 5.05 |
| 9.0 | 1414 | 9.0 | | | 0.40 | 3.7 | | 8.5 | 8.6 | 98 | | 0.55 | | 8.91 | 18.86 | 5.21 |
| 9.0 | 1414 | 10.0 | | | 0.40 | 3.7 | | 8.5 | 8.6 | 98 | | 0.60 | | 9.09 | 18.81 | 5.36 |
| 9.0 | 1414 | 11.0 | | | 0.42 | 3.8 | | 8.5 | 8.6 | 98 | | 0.66 | | 9.32 | 18.81 | 5.54 |
| 9.0 | 1414 | 12.0 | | | 0.42 | 3.9 | | 8.5 | 8.6 | 98 | | 0.68 | | 9.49 | 18.82 | 5.67 |
| 9.0 | 1414 | 13.0 | | | 0.48 | 4.3 | | 8.3 | 8.5 | 97 | | 0.68 | | 10.21 | 18.76 | 6.22 |
| 9.0 | 1414 | 14.0 | | | 0.54 | 4.7 | | 8.4 | 8.5 | 98 | | 0.68 | | 11.49 | 18.57 | 7.24 |
| 9.0 | 1414 | 15.0 | | | 0.52 | 4.6 | | 8.4 | 8.5 | 98 | | 0.61 | | 11.99 | 18.53 | 7.62 |
| 9.0 | 1414 | 16.0 | | | 0.52 | 4.6 | | 8.4 | 8.5 | 98 | | 0.63 | | 12.36 | 18.54 | 7.90 |

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| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | CALC OXYG | % OXY SAT | DISCR SPN | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 9.0 | 1414 | 17.0 | | | 0.54 | 4.7 | | 8.4 | 8.5 | 99 | 0.62 | 34 | | 13.38 | 18.49 | 8.69 |
| 9.0 | 1414 | 18.0 | | | 0.53 | 4.7 | | 8.3 | 8.5 | 98 | 0.59 | 33 | | 14.06 | 18.47 | 9.21 |
| 9.0 | 1414 | 19.0 | | | 0.54 | 4.8 | | 8.4 | 8.5 | 99 | 0.58 | 32 | | 15.24 | 18.35 | 10.13 |
| 9.0 | 1414 | 20.0 | | | 0.65 | 5.5 | | 8.4 | 8.5 | 100 | 0.52 | 29 | | 16.08 | 18.27 | 10.78 |
| 9.0 | 1414 | 21.0 | | | 0.70 | 5.9 | | 8.4 | 8.5 | 100 | 0.48 | 27 | | 16.76 | 18.23 | 11.31 |
| 9.0 | 1414 | 22.0 | | | 0.72 | 6.0 | | 8.4 | 8.5 | 100 | 0.46 | 26 | | 17.36 | 18.16 | 11.78 |
| 9.0 | 1414 | 23.0 | | | 0.76 | 6.4 | | 8.4 | 8.5 | 101 | 0.44 | 25 | | 18.01 | 18.09 | 12.29 |
| 9.0 | 1414 | 24.0 | | | 0.76 | 6.4 | | 8.4 | 8.5 | 101 | 0.39 | 22 | | 18.35 | 18.03 | 12.56 |
| 9.0 | 1414 | 25.0 | | | 0.76 | 6.4 | | 8.4 | 8.5 | 100 | 0.38 | 22 | | 18.47 | 18.01 | 12.65 |
| 9.0 | 1414 | 26.0 | | | 0.78 | 6.5 | | 8.3 | 8.4 | 100 | 0.39 | 22 | | 18.84 | 17.94 | 12.95 |
| 9.0 | 1414 | 27.0 | | | 0.81 | 6.7 | | 8.3 | 8.4 | 100 | 0.45 | 25 | | 19.59 | 17.81 | 13.55 |
| 9.0 | 1414 | 28.0 | | | 0.84 | 7.0 | | 8.3 | 8.4 | 100 | 0.40 | 23 | | 20.07 | 17.71 | 13.94 |
| 9.0 | 1414 | 29.0 | 7.6 | 0.73 | 0.83 | 6.9 | | 8.3 | 8.4 | 100 | 0.28 | 16 | | 20.74 | 17.58 | 14.48 |
| 10.0 | 1356 | 1.0 | | | 0.41 | 3.8 | | 8.6 | 8.7 | 100 | 0.45 | 25 | 2.1 | 9.87 | 18.96 | 5.92 |
| 10.0 | 1356 | 2.0 | | | 0.43 | 3.9 | | 8.6 | 8.7 | 100 | 0.49 | 27 | | 9.99 | 18.98 | 6.01 |
| 10.0 | 1356 | 3.0 | | | 0.43 | 3.9 | | 8.6 | 8.8 | 101 | 0.50 | 28 | | 10.11 | 19.02 | 6.09 |
| 10.0 | 1356 | 4.0 | | | 0.45 | 4.1 | | 8.5 | 8.6 | 99 | 0.50 | 28 | | 10.32 | 19.04 | 6.24 |
| 10.0 | 1356 | 5.0 | | | 0.52 | 4.6 | | 8.2 | 8.3 | 97 | 0.45 | 26 | | 12.84 | 18.64 | 8.24 |
| 10.0 | 1356 | 6.0 | | | 0.54 | 4.8 | | 8.3 | 8.4 | 98 | 0.37 | 21 | | 14.32 | 18.36 | 9.42 |
| 10.0 | 1356 | 7.0 | | | 0.57 | 5.0 | | 8.3 | 8.4 | 98 | 0.35 | 20 | | 14.47 | 18.36 | 9.54 |
| 10.0 | 1356 | 8.0 | | | 0.62 | 5.3 | | 8.3 | 8.5 | 99 | 0.34 | 20 | | 14.67 | 18.36 | 9.69 |
| 10.0 | 1356 | 9.0 | | | 0.61 | 5.3 | | 8.3 | 8.4 | 98 | 0.34 | 20 | | 14.98 | 18.33 | 9.93 |
| 10.0 | 1356 | 10.0 | | | 0.60 | 5.2 | | 8.3 | 8.4 | 98 | 0.34 | 20 | | 15.73 | 18.26 | 10.52 |
| 10.0 | 1356 | 11.0 | | | 0.61 | 5.3 | | 8.3 | 8.4 | 99 | 0.34 | 20 | | 16.86 | 18.15 | 11.40 |
| 10.0 | 1356 | 12.0 | | | 0.66 | 5.7 | | 8.3 | 8.4 | 99 | 0.37 | 21 | | 17.69 | 18.06 | 12.05 |
| 10.0 | 1356 | 13.0 | | | 0.71 | 6.0 | | 8.3 | 8.4 | 100 | 0.34 | 20 | | 18.11 | 18.01 | 12.38 |
| 10.0 | 1356 | 14.0 | | | 0.79 | 6.4 | | 8.3 | 8.4 | 100 | 0.35 | 20 | | 18.33 | 17.99 | 12.55 |
| 10.0 | 1356 | 15.0 | | | 0.79 | 6.6 | | 8.3 | 8.4 | 100 | 0.34 | 20 | | 18.77 | 17.93 | 12.90 |
| 10.0 | 1356 | 16.0 | | | 0.75 | 6.3 | | 8.3 | 8.4 | 100 | 0.31 | 18 | | 19.05 | 17.89 | 13.13 |
| 10.0 | 1356 | 17.0 | | | 0.74 | 6.3 | | 8.3 | 8.5 | 100 | 0.32 | 19 | | 19.44 | 17.81 | 13.44 |
| 11.0 | 1327 | 1.0 | | | 0.52 | 4.6 | | 8.4 | 8.5 | 99 | 0.17 | 11 | 1.2 | 13.05 | 18.63 | 8.40 |
| 11.0 | 1327 | 2.0 | | | 0.56 | 4.9 | | 8.3 | 8.4 | 98 | 0.15 | 10 | | 14.73 | 18.32 | 9.74 |
| 11.0 | 1327 | 3.0 | | | 0.61 | 5.3 | | 8.3 | 8.4 | 98 | 0.15 | 10 | | 16.76 | 18.03 | 11.35 |
| 11.0 | 1327 | 4.0 | | | 0.61 | 5.3 | | 8.2 | 8.3 | 98 | 0.14 | 9 | | 18.08 | 17.86 | 12.40 |
| 11.0 | 1327 | 5.0 | | | 0.63 | 5.4 | | 8.2 | 8.3 | 99 | 0.14 | 9 | | 18.92 | 17.77 | 13.05 |
| 11.0 | 1327 | 6.0 | | | 0.63 | 5.4 | | 8.2 | 8.3 | 99 | 0.15 | 10 | | 19.19 | 17.75 | 13.26 |
| 11.0 | 1327 | 7.0 | | | 0.60 | 5.2 | | 8.2 | 8.4 | 99 | 0.16 | 11 | | 19.72 | 17.67 | 13.68 |
| 11.0 | 1327 | 8.0 | | | 0.62 | 5.4 | | 8.3 | 8.4 | 99 | 0.19 | 12 | | 19.89 | 17.65 | 13.82 |
| 11.0 | 1327 | 9.0 | | | 0.60 | 5.2 | | 8.3 | 8.4 | 99 | 0.18 | 11 | | 19.99 | 17.63 | 13.90 |
| 11.0 | 1327 | 10.0 | | | 0.59 | 5.1 | | 8.2 | 8.4 | 99 | 0.19 | 12 | | 20.19 | 17.60 | 14.06 |
| 11.0 | 1327 | 11.0 | | | 0.61 | 5.3 | | 8.2 | 8.3 | 99 | 0.18 | 11 | | 20.49 | 17.55 | 14.30 |

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| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------------|-------------|-------|-------|-------|-------|
| 11.0 | 1327 | 12.0 | | | 0.66 | 5.6 | | 8.2 | 8.3 | 98 | | 0.17 | 11 | | 21.17 | 17.42 | 14.84 |
| 11.0 | 1327 | 13.0 | | | 0.67 | 5.7 | | 8.2 | 8.3 | 99 | | 0.20 | 13 | | 21.75 | 17.31 | 15.31 |
| 12.0 | 1301 | 1.0 | | | 0.49 | 4.4 | | 8.5 | 8.6 | 100 | | 0.12 | 8 | 0.9 | 13.29 | 18.81 | 8.55 |
| 12.0 | 1301 | 2.0 | | | 0.55 | 4.8 | | 8.3 | 8.5 | 99 | | 0.09 | 7 | | 15.33 | 18.26 | 10.22 |
| 12.0 | 1301 | 3.0 | | | 0.54 | 4.8 | | 8.1 | 8.2 | 97 | | 0.07 | 6 | | 18.56 | 17.87 | 12.76 |
| 12.0 | 1301 | 4.0 | | | 0.54 | 4.8 | | 7.9 | 8.0 | 95 | | 0.07 | 6 | | 20.85 | 17.53 | 14.57 |
| 12.0 | 1301 | 5.0 | | | 0.56 | 4.9 | | 7.8 | 7.9 | 94 | | 0.06 | 5 | | 22.23 | 17.25 | 15.69 |
| 12.0 | 1301 | 6.0 | | | 0.55 | 4.8 | | 7.7 | 7.8 | 94 | | 0.06 | 6 | | 23.21 | 16.98 | 16.50 |
| 12.0 | 1301 | 7.0 | | | 0.44 | 4.0 | | 7.7 | 7.9 | 94 | | 0.07 | 6 | | 24.12 | 16.72 | 17.25 |
| 12.0 | 1301 | 8.0 | | | 0.40 | 3.7 | | 7.9 | 8.0 | 96 | | 0.09 | 7 | | 25.00 | 16.40 | 17.98 |
| 13.0 | 1229 | 1.0 | | | 0.56 | 4.9 | | 8.7 | 8.8 | 108 | | 0.12 | 8 | 1.0 | 18.35 | 19.90 | 12.14 |
| 13.0 | 1229 | 2.0 | | 0.89 | 0.61 | 5.2 | 8.9 | 8.4 | 8.5 | 104 | 9.2 | 0.13 | 9 | | 18.56 | 19.62 | 12.36 |
| 13.0 | 1229 | 3.0 | | | 0.65 | 5.6 | | 8.2 | 8.3 | 101 | | 0.10 | 7 | | 19.13 | 18.95 | 12.95 |
| 13.0 | 1229 | 4.0 | | | 0.70 | 6.0 | | 8.1 | 8.2 | 98 | | 0.08 | 6 | | 19.89 | 18.12 | 13.71 |
| 13.0 | 1229 | 5.0 | | | 0.67 | 5.7 | | 7.7 | 7.9 | 94 | | 0.04 | 4 | | 21.76 | 17.49 | 15.28 |
| 13.0 | 1229 | 6.0 | | | 0.55 | 4.8 | | 7.6 | 7.7 | 93 | | 0.03 | 4 | | 24.21 | 16.83 | 17.29 |
| 13.0 | 1229 | 7.0 | | | 0.51 | 4.5 | | 7.6 | 7.7 | 92 | | 0.05 | 5 | | 25.34 | 16.46 | 18.23 |
| 13.0 | 1229 | 8.0 | | | 0.48 | 4.3 | | 7.7 | 7.9 | 94 | | 0.07 | 6 | | 26.09 | 16.17 | 18.87 |
| 13.0 | 1229 | 9.0 | | 0.77 | 0.47 | 4.2 | | 8.0 | 8.1 | 97 | | 0.11 | 8 | | 26.30 | 16.10 | 19.05 |
| 14.0 | 1205 | 1.0 | | | 0.75 | 6.3 | | 9.3 | 9.4 | 114 | | 0.05 | 5 | 0.8 | 17.98 | 19.53 | 11.94 |
| 14.0 | 1205 | 2.0 | | | 0.80 | 6.7 | | 9.1 | 9.2 | 112 | | 0.05 | 5 | | 18.03 | 19.42 | 12.01 |
| 14.0 | 1205 | 3.0 | | | 0.80 | 6.7 | | 8.2 | 8.3 | 100 | | 0.06 | 5 | | 18.12 | 19.22 | 12.12 |
| 14.0 | 1205 | 4.0 | | | 0.74 | 6.3 | | 8.1 | 8.2 | 99 | | 0.05 | 5 | | 21.32 | 17.86 | 14.86 |
| 14.0 | 1205 | 5.0 | | | 0.66 | 5.7 | | 7.7 | 7.8 | 94 | | 0.02 | 3 | | 23.95 | 17.08 | 17.03 |
| 14.0 | 1205 | 6.0 | | | 0.55 | 4.8 | | 7.5 | 7.6 | 91 | | 0.03 | 4 | | 25.71 | 16.41 | 18.53 |
| 14.0 | 1205 | 7.0 | | | 0.45 | 4.1 | | 7.5 | 7.6 | 91 | | 0.03 | 4 | | 26.80 | 15.91 | 19.47 |
| 14.0 | 1205 | 8.0 | | | 0.45 | 4.0 | | 7.5 | 7.7 | 91 | | 0.03 | 4 | | 27.64 | 15.64 | 20.17 |
| 14.0 | 1205 | 9.0 | | | 0.44 | 4.0 | | 7.6 | 7.7 | 92 | | 0.05 | 5 | | 27.92 | 15.56 | 20.41 |
| 14.0 | 1205 | 10.0 | | | 0.45 | 4.0 | | 7.6 | 7.7 | 92 | | 0.06 | 6 | | 28.17 | 15.47 | 20.61 |
| 14.0 | 1205 | 11.0 | | | 0.51 | 4.5 | | 7.7 | 7.8 | 93 | | 0.09 | 7 | | 28.42 | 15.35 | 20.83 |
| 14.0 | 1205 | 12.0 | | | 0.52 | 4.6 | | 7.8 | 7.9 | 94 | | 0.12 | 9 | | 28.49 | 15.31 | 20.90 |
| 15.0 | 1140 | 1.0 | | | 0.68 | 5.8 | | 10.0 | 10.1 | 120 | | 0.00 | 2 | 0.6 | 18.66 | 18.26 | 12.75 |
| 15.0 | 1140 | 2.0 | | 0.92 | 0.68 | 5.8 | 10.1 | 9.8 | 9.9 | 119 | | 0.00 | 2 | | 19.10 | 18.17 | 13.10 |
| 15.0 | 1140 | 3.0 | | | 0.73 | 6.1 | | 9.5 | 9.7 | 115 | | 0.00 | 2 | | 20.09 | 17.94 | 13.90 |
| 15.0 | 1140 | 4.0 | | | 0.71 | 6.0 | | 9.1 | 9.2 | 110 | | 0.01 | 3 | | 22.10 | 17.41 | 15.55 |
| 15.0 | 1140 | 5.0 | | | 0.59 | 5.2 | | 8.9 | 9.0 | 108 | | 0.01 | 3 | | 24.21 | 16.90 | 17.27 |
| 15.0 | 1140 | 6.0 | | | 0.52 | 4.6 | | 8.9 | 9.0 | 108 | | 0.01 | 3 | | 24.64 | 16.77 | 17.63 |
| 15.0 | 1140 | 7.0 | | | 0.50 | 4.4 | | 8.9 | 9.0 | 108 | | 0.02 | 3 | | 24.66 | 16.76 | 17.65 |
| 15.0 | 1140 | 8.0 | | | 0.54 | 4.7 | | 8.9 | 9.0 | 108 | | 0.02 | 3 | | 24.73 | 16.74 | 17.70 |

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| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 15.0 | 1140 | 9.0 | | | 0.55 | 4.8 | | 8.9 | 9.0 | 108 | | 0.02 | 3 | | 24.78 | 16.72 | 17.75 |
| 15.0 | 1140 | 10.0 | | | 0.49 | 4.3 | | 8.8 | 8.9 | 106 | | 0.02 | 3 | | 24.89 | 16.67 | 17.85 |
| 15.0 | 1140 | 11.0 | | | 0.44 | 4.0 | | 8.6 | 8.7 | 104 | | 0.03 | 4 | | 25.26 | 16.52 | 18.16 |
| 15.0 | 1140 | 12.0 | | | 0.38 | 3.6 | | 8.4 | 8.6 | 102 | | 0.04 | 4 | | 25.77 | 16.30 | 18.60 |
| 15.0 | 1140 | 13.0 | | | 0.34 | 3.3 | | 8.4 | 8.5 | 102 | | 0.05 | 5 | | 25.93 | 16.25 | 18.73 |
| 15.0 | 1140 | 14.0 | | | 0.30 | 3.0 | | 8.4 | 8.5 | 102 | | 0.04 | 4 | | 26.04 | 16.21 | 18.82 |
| 15.0 | 1140 | 15.0 | | | 0.29 | 2.9 | | 8.3 | 8.4 | 101 | | 0.05 | 5 | | 26.15 | 16.17 | 18.92 |
| 15.0 | 1140 | 16.0 | | | 0.32 | 3.1 | | 8.1 | 8.3 | 99 | | 0.07 | 6 | | 26.37 | 16.09 | 19.10 |
| 15.0 | 1140 | 17.0 | | | 0.34 | 3.3 | | 8.2 | 8.3 | 99 | | 0.06 | 5 | | 26.84 | 15.93 | 19.49 |
| 15.0 | 1140 | 18.0 | | | 0.33 | 3.2 | | 8.1 | 8.2 | 98 | | 0.05 | 5 | | 26.93 | 15.91 | 19.57 |
| 15.0 | 1140 | 19.0 | | | 0.32 | 3.1 | | 8.0 | 8.1 | 97 | | 0.03 | 4 | | 27.25 | 15.79 | 19.84 |
| 15.0 | 1140 | 20.0 | | | 0.41 | 3.8 | | 8.0 | 8.1 | 96 | | 0.52 | 29 | | 28.07 | 15.47 | 20.54 |
| 15.0 | 1140 | 21.0 | | | 0.54 | 4.8 | | 8.0 | 8.1 | 96 | | 1.15 | 62 | | 28.31 | 15.37 | 20.75 |
| 15.0 | 1140 | 22.0 | | | 0.57 | 5.0 | | 8.0 | 8.1 | 97 | | 1.73 | 92 | | 28.38 | 15.34 | 20.81 |
| 15.0 | 1140 | 23.0 | 4.3 | 0.81 | 0.55 | 4.8 | | 8.1 | 8.2 | 98 | | 1.93 | 102 | | 28.40 | 15.32 | 20.83 |
| 16.0 | 1103 | 1.0 | | | 0.48 | 4.3 | | 8.4 | 8.6 | 104 | | 0.02 | 3 | 0.6 | 24.69 | 17.48 | 17.51 |
| 16.0 | 1103 | 2.0 | | | 0.50 | 4.4 | | 8.1 | 8.2 | 99 | | 0.01 | 3 | | 25.54 | 16.88 | 18.30 |
| 16.0 | 1103 | 3.0 | | | 0.54 | 4.7 | | 8.0 | 8.2 | 98 | | 0.01 | 3 | | 26.72 | 16.19 | 19.35 |
| 16.0 | 1103 | 4.0 | | | 0.52 | 4.6 | | 7.9 | 8.0 | 96 | | 0.01 | 3 | | 27.33 | 15.87 | 19.89 |
| 16.0 | 1103 | 5.0 | | | 0.46 | 4.1 | | 7.7 | 7.8 | 93 | | 0.01 | 3 | | 27.82 | 15.60 | 20.32 |
| 16.0 | 1103 | 6.0 | | | 0.40 | 3.7 | | 7.4 | 7.6 | 90 | | 0.01 | 3 | | 28.47 | 15.23 | 20.89 |
| 16.0 | 1103 | 7.0 | | | 0.35 | 3.3 | | 7.4 | 7.6 | 90 | | 0.01 | 3 | | 29.17 | 14.77 | 21.53 |
| 16.0 | 1103 | 8.0 | | | 0.33 | 3.2 | | 7.5 | 7.6 | 90 | | 0.04 | 4 | | 29.33 | 14.66 | 21.68 |
| 16.0 | 1103 | 9.0 | | | 0.31 | 3.0 | | 7.5 | 7.6 | 90 | | 0.05 | 5 | | 29.43 | 14.58 | 21.77 |
| 16.0 | 1103 | 10.0 | | | 0.31 | 3.1 | | 7.5 | 7.6 | 90 | | 0.07 | 6 | | 29.47 | 14.56 | 21.81 |
| 16.0 | 1103 | 11.0 | | | 0.32 | 3.1 | | 7.5 | 7.6 | 90 | | 0.10 | 7 | | 29.51 | 14.53 | 21.84 |
| 16.0 | 1103 | 12.0 | | | 0.33 | 3.2 | | 7.5 | 7.6 | 90 | | 0.14 | 9 | | 29.53 | 14.51 | 21.86 |
| 16.0 | 1103 | 13.0 | | | 0.34 | 3.2 | | 7.5 | 7.6 | 90 | | 0.18 | 11 | | 29.59 | 14.46 | 21.92 |
| 16.0 | 1103 | 14.0 | | | 0.33 | 3.2 | | 7.5 | 7.7 | 90 | | 0.21 | 13 | | 29.65 | 14.42 | 21.97 |
| 17.0 | 1041 | 1.0 | | | 0.52 | 4.6 | | 9.1 | 9.3 | 112 | | 0.01 | 3 | | 24.94 | 17.25 | 17.76 |
| 17.0 | 1041 | 2.0 | | | 0.52 | 4.6 | | 9.1 | 9.2 | 111 | | 0.00 | 2 | | 25.33 | 17.07 | 18.09 |
| 17.0 | 1041 | 3.0 | | | 0.51 | 4.5 | | 8.5 | 8.6 | 104 | | 0.00 | 2 | | 25.12 | 17.14 | 17.92 |
| 17.0 | 1041 | 4.0 | | | 0.46 | 4.2 | | 8.4 | 8.6 | 103 | | 0.00 | 2 | | 26.69 | 16.26 | 19.31 |
| 17.0 | 1041 | 5.0 | | | 0.40 | 3.7 | | 8.0 | 8.2 | 98 | | 0.00 | 2 | | 27.25 | 15.97 | 19.81 |
| 17.0 | 1041 | 6.0 | | | 0.34 | 3.2 | | 7.9 | 8.1 | 96 | | 0.01 | 3 | | 28.30 | 15.36 | 20.74 |
| 17.0 | 1041 | 7.0 | | | 0.32 | 3.1 | | 8.0 | 8.1 | 96 | | 0.00 | 2 | | 28.73 | 15.12 | 21.12 |
| 17.0 | 1041 | 8.0 | | | 0.32 | 3.1 | | 8.0 | 8.1 | 97 | | 0.01 | 3 | | 28.81 | 15.06 | 21.19 |
| 17.0 | 1041 | 9.0 | | | 0.33 | 3.2 | | 8.0 | 8.1 | 96 | | 0.00 | 2 | | 28.88 | 15.02 | 21.26 |
| 17.0 | 1041 | 10.0 | | | 0.30 | 3.0 | | 7.7 | 7.9 | 93 | | 0.00 | 2 | | 29.08 | 14.86 | 21.44 |
| 17.0 | 1041 | 11.0 | | | 0.29 | 2.9 | | 7.6 | 7.7 | 91 | | 0.04 | 4 | | 29.76 | 14.32 | 22.08 |
| 17.0 | 1041 | 12.0 | | | 0.31 | 3.0 | | 7.7 | 7.8 | 91 | | 0.07 | 6 | | 30.19 | 14.03 | 22.47 |

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| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|--------------|--------------|--------------|------------|-------------|-------|-------|-------|-------|
| 17.0 | 1041 | 13.0 | | | 0.31 | 3.0 | | 7.9 | 8.0 | 93 | 0.13 | 9 | | 30.38 | 13.90 | 22.64 |
| 18.0 | 1016 | 1.0 | | | 0.32 | 3.1 | | 8.3 | 8.4 | 101 | 0.00 | 2 | | 28.10 | 15.58 | 20.54 |
| 18.0 | 1016 | 2.0 | | | 0.33 | 3.2 | | 8.3 | 8.4 | 100 | 0.00 | 2 | 0.5 | 28.24 | 15.54 | 20.66 |
| 18.0 | 1016 | 3.0 | 4.1 | 0.84 | 0.36 | 3.4 | 8.5 | 8.3 | 8.4 | 100 | 0.00 | 2 | | 28.30 | 15.53 | 20.70 |
| 18.0 | 1016 | 4.0 | | | 0.35 | 3.4 | | 8.2 | 8.3 | 100 | 0.00 | 2 | | 28.46 | 15.48 | 20.84 |
| 18.0 | 1016 | 5.0 | | | 0.34 | 3.3 | | 8.3 | 8.3 | 99 | 0.00 | 2 | | 28.56 | 15.46 | 20.92 |
| 18.0 | 1016 | 6.0 | | | 0.34 | 3.2 | | 8.1 | 8.3 | 99 | 0.00 | 2 | | 28.67 | 15.41 | 21.02 |
| 18.0 | 1016 | 7.0 | | | 0.33 | 3.1 | | 8.0 | 8.2 | 97 | 0.00 | 2 | | 28.76 | 15.37 | 21.09 |
| 18.0 | 1016 | 8.0 | | | 0.30 | 2.9 | | 7.7 | 7.8 | 94 | 0.00 | 2 | | 28.88 | 15.30 | 21.20 |
| 18.0 | 1016 | 9.0 | | | 0.28 | 2.8 | | 7.8 | 7.9 | 94 | 0.00 | 2 | | 29.34 | 14.94 | 21.63 |
| 18.0 | 1016 | 10.0 | | | 0.26 | 2.7 | | 7.8 | 7.9 | 94 | 0.01 | 3 | | 29.48 | 14.80 | 21.77 |
| 18.0 | 1016 | 11.0 | | | 0.26 | 2.6 | | 7.8 | 7.9 | 94 | 0.01 | 3 | | 29.54 | 14.73 | 21.82 |
| 18.0 | 1016 | 12.0 | | | 0.26 | 2.7 | | 7.8 | 7.9 | 94 | 0.04 | 4 | | 29.54 | 14.72 | 21.83 |
| 18.0 | 1016 | 13.0 | | | 0.29 | 2.9 | | 7.8 | 7.9 | 93 | 0.01 | 3 | | 29.62 | 14.63 | 21.91 |
| 18.0 | 1016 | 14.0 | | | 0.30 | 3.0 | | 7.8 | 7.9 | 93 | 0.01 | 3 | | 29.69 | 14.55 | 21.98 |
| 18.0 | 1016 | 15.0 | | | 0.29 | 2.8 | | 7.8 | 7.9 | 94 | 0.02 | 3 | | 29.70 | 14.54 | 21.98 |
| 18.0 | 1016 | 16.0 | | | 0.27 | 2.7 | | 7.8 | 7.9 | 93 | 0.02 | 3 | | 29.70 | 14.53 | 21.99 |
| 18.0 | 1016 | 17.0 | | | 0.26 | 2.6 | | 7.8 | 7.9 | 93 | 0.02 | 3 | | 29.72 | 14.51 | 22.00 |
| 18.0 | 1016 | 18.0 | | | 0.25 | 2.6 | | 7.8 | 7.9 | 93 | 0.03 | 4 | | 29.78 | 14.45 | 22.07 |
| 18.0 | 1016 | 19.0 | | | 0.28 | 2.8 | | 7.6 | 7.7 | 91 | 0.05 | 5 | | 29.85 | 14.38 | 22.14 |
| 18.0 | 1016 | 20.0 | | | 0.33 | 3.2 | | 7.3 | 7.4 | 87 | 0.08 | 6 | | 30.25 | 14.02 | 22.52 |
| 18.0 | 1016 | 21.0 | | | 0.38 | 3.6 | | 7.2 | 7.4 | 86 | 0.14 | 10 | | 30.52 | 13.77 | 22.78 |
| 18.0 | 1016 | 22.0 | | | 0.41 | 3.8 | | 7.2 | 7.3 | 85 | 0.20 | 13 | | 30.95 | 13.37 | 23.18 |
| 18.0 | 1016 | 23.0 | | | 0.45 | 4.1 | | 7.0 | 7.2 | 83 | 0.29 | 17 | | 31.52 | 12.84 | 23.73 |
| 18.0 | 1016 | 24.0 | | | 0.50 | 4.4 | | 7.1 | 7.2 | 83 | 0.32 | 19 | | 31.64 | 12.72 | 23.84 |
| 18.0 | 1016 | 25.0 | | | 0.51 | 4.5 | | 7.1 | 7.2 | 83 | 0.34 | 20 | | 31.67 | 12.70 | 23.87 |
| 18.0 | 1016 | 26.0 | | | 0.53 | 4.7 | | 7.1 | 7.2 | 83 | 0.33 | 19 | | 31.70 | 12.66 | 23.90 |
| 18.0 | 1016 | 27.0 | | | 0.55 | 4.8 | | 7.1 | 7.2 | 83 | 0.32 | 19 | | 31.73 | 12.63 | 23.93 |
| 18.0 | 1016 | 28.0 | | | 0.54 | 4.8 | | 7.1 | 7.3 | 83 | 0.33 | 19 | | 31.80 | 12.56 | 24.00 |
| 18.0 | 1016 | 29.0 | | | 0.55 | 4.8 | | 7.1 | 7.3 | 83 | 0.32 | 19 | | 31.77 | 12.59 | 23.97 |
| 18.0 | 1016 | 30.0 | | | 0.57 | 5.0 | | 7.1 | 7.3 | 83 | 0.32 | 19 | | 31.78 | 12.57 | 23.98 |
| 18.0 | 1016 | 31.0 | | | 0.59 | 5.1 | | 7.1 | 7.3 | 83 | 0.32 | 19 | | 31.79 | 12.56 | 24.00 |
| 18.0 | 1016 | 32.0 | | | 0.59 | 5.1 | | 7.1 | 7.3 | 83 | 0.32 | 19 | | 31.81 | 12.54 | 24.01 |
| 18.0 | 1016 | 33.0 | | | 0.58 | 5.0 | | 7.1 | 7.3 | 83 | 0.35 | 20 | | 31.83 | 12.52 | 24.03 |
| 18.0 | 1016 | 34.0 | | | 0.58 | 5.0 | | 7.1 | 7.2 | 83 | 0.35 | 20 | | 31.84 | 12.51 | 24.04 |
| 18.0 | 1016 | 35.0 | | | 0.58 | 5.0 | | 7.2 | 7.3 | 83 | 0.41 | 23 | | 31.84 | 12.50 | 24.05 |
| 20.0 | 1000 | 1.0 | | | 0.42 | 3.8 | | 8.0 | 8.1 | 98 | 0.00 | 2 | 0.5 | 28.77 | 15.82 | 21.00 |
| 20.0 | 1000 | 2.0 | | | 0.43 | 3.9 | | 7.9 | 8.1 | 97 | 0.00 | 2 | | 28.85 | 15.69 | 21.09 |
| 20.0 | 1000 | 3.0 | | | 0.40 | 3.7 | | 7.9 | 8.0 | 96 | 0.00 | 2 | | 28.93 | 15.57 | 21.18 |
| 20.0 | 1000 | 4.0 | | | 0.34 | 3.2 | | 7.7 | 7.8 | 94 | 0.00 | 2 | | 29.00 | 15.45 | 21.26 |
| 20.0 | 1000 | 5.0 | | | 0.28 | 2.8 | | 7.7 | 7.8 | 93 | 0.00 | 2 | | 29.17 | 15.20 | 21.44 |

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| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|-------------------------------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------------|-------------|-----------|-------|-------|-------|
| 20.0 | 1000 | 6.0 | | | 0.25 | 2.6 | | 7.7 | 7.8 | 93 | | 0.00 | 2 | | 29.29 | 15.07 | 21.56 |
| 20.0 | 1000 | 7.0 | | | 0.26 | 2.7 | | 7.6 | 7.7 | 92 | | 0.00 | 2 | | 29.33 | 15.05 | 21.60 |
| 20.0 | 1000 | 8.0 | | | 0.26 | 2.7 | | 7.6 | 7.7 | 92 | | 0.01 | 3 | | 29.49 | 14.90 | 21.75 |
| 20.0 | 1000 | 9.0 | | | 0.24 | 2.5 | | 7.6 | 7.7 | 91 | | 0.02 | 3 | | 29.59 | 14.79 | 21.85 |
| 20.0 | 1000 | 10.0 | | | 0.23 | 2.5 | | 7.5 | 7.6 | 90 | | 0.03 | 3 | | 29.72 | 14.65 | 21.98 |
| 20.0 | 1000 | 11.0 | | | 0.25 | 2.6 | | 7.4 | 7.5 | 89 | | 0.03 | 4 | | 29.94 | 14.43 | 22.19 |
| 20.0 | 1000 | 12.0 | | | 0.26 | 2.7 | | 7.4 | 7.5 | 88 | | 0.03 | 4 | | 30.16 | 14.20 | 22.41 |
| 20.0 | 1000 | 13.0 | | | 0.30 | 3.0 | | 7.3 | 7.4 | 87 | | 0.04 | 4 | | 30.36 | 14.00 | 22.61 |
| 20.0 | 1000 | 14.0 | | | 0.32 | 3.1 | | 7.3 | 7.4 | 87 | | 0.06 | 5 | | 30.64 | 13.73 | 22.88 |
| 20.0 | 1000 | 15.0 | | | 0.30 | 2.9 | | 7.3 | 7.4 | 87 | | 0.07 | 6 | | 30.70 | 13.68 | 22.93 |
| 20.0 | 1000 | 16.0 | | | 0.31 | 3.1 | | 7.3 | 7.4 | 87 | | 0.07 | 6 | | 30.80 | 13.58 | 23.03 |
| 20.0 | 1000 | 17.0 | | | 0.32 | 3.1 | | 7.3 | 7.5 | 87 | | 0.08 | 6 | | 30.86 | 13.53 | 23.08 |
| 20.0 | 1000 | 18.0 | | | 0.31 | 3.1 | | 7.3 | 7.5 | 87 | | 0.08 | 7 | | 30.88 | 13.51 | 23.10 |
| 20.0 | 1000 | 19.0 | | | 0.33 | 3.2 | | 7.3 | 7.5 | 87 | | 0.09 | 7 | | 30.92 | 13.46 | 23.15 |
| 20.0 | 1000 | 20.0 | | | 0.35 | 3.4 | | 7.3 | 7.5 | 87 | | 0.10 | 7 | | 30.96 | 13.44 | 23.18 |
| 20.0 | 1000 | 21.0 | | | 0.36 | 3.4 | | 7.3 | 7.5 | 87 | | 0.11 | 8 | | 30.98 | 13.41 | 23.20 |
| 20.0 | 1000 | 22.0 | | | 0.35 | 3.3 | | 7.4 | 7.5 | 87 | | 0.13 | 9 | | 31.00 | 13.40 | 23.22 |
| 20.0 | 1000 | 23.0 | | | 0.37 | 3.5 | | 7.4 | 7.5 | 87 | | 0.17 | 11 | | 31.00 | 13.39 | 23.22 |
| 20.0 | 1000 | 24.0 | | | 0.37 | 3.5 | | 7.4 | 7.5 | 87 | | 0.18 | 12 | | 31.00 | 13.39 | 23.22 |
| 20.0 | 1000 | 25.0 | | | 0.36 | 3.4 | | 7.4 | 7.5 | 87 | | 0.18 | 12 | | 31.00 | 13.39 | 23.22 |
| | | | | | | | | | | n | Slope | | Inter. | Std. Err. | | | |
| Fluorometer Calibration: | | | | | | | | | | 15 | 7.436 | | 0.728 | 1.394 | | | |
| OBS Calibration: | | | | | | | | | | 6 | 51.743 | | 2.206 | 1.339 | | | |
| Dissolved Oxygen Calibration: | | | | | | | | | | 8 | 1.003 | | 0.099 | 0.245 | | | |

SeaBird v4.026

South San Francisco Bay

May 14, 1997

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| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------------|-------------|-------|-------|-------|-------|
| 36.0 | 0620 | 1.0 | | | 0.47 | 3.4 | | 6.1 | 6.2 | 77 | | 0.94 | 60 | 3.3 | 23.93 | 19.18 | 16.54 |
| 36.0 | 0620 | 2.0 | 3.0 | 0.53 | 0.47 | 3.4 | 6.1 | 6.1 | 6.2 | 77 | 66.4 | 1.02 | 66 | | 23.97 | 19.17 | 16.57 |
| 36.0 | 0620 | 3.0 | | | 0.48 | 3.5 | | 6.2 | 6.2 | 78 | | 1.12 | 73 | | 23.98 | 19.17 | 16.58 |
| 36.0 | 0620 | 4.0 | | | 0.49 | 3.5 | | 6.2 | 6.2 | 78 | | 1.15 | 74 | | 23.98 | 19.17 | 16.58 |
| 36.0 | 0620 | 5.0 | | | 0.49 | 3.5 | | 6.2 | 6.2 | 78 | | 1.18 | 76 | | 23.99 | 19.18 | 16.59 |
| 36.0 | 0620 | 6.0 | | | 0.48 | 3.5 | | 6.2 | 6.2 | 78 | | 1.20 | 77 | | 24.00 | 19.18 | 16.59 |
| 36.0 | 0620 | 7.0 | 3.5 | 0.63 | 0.48 | 3.5 | | 6.2 | 6.2 | 78 | | 1.24 | 80 | | 24.00 | 19.18 | 16.59 |
| 34.0 | 0646 | 1.0 | | | 0.45 | 3.3 | | 6.3 | 6.4 | 81 | | 0.35 | 23 | 2.0 | 24.82 | 19.39 | 17.17 |
| 34.0 | 0646 | 2.0 | | | 0.45 | 3.2 | | 6.3 | 6.4 | 81 | | 0.38 | 25 | | 24.92 | 19.32 | 17.26 |
| 34.0 | 0646 | 3.0 | | | 0.44 | 3.2 | | 6.3 | 6.4 | 81 | | 0.43 | 28 | | 24.97 | 19.30 | 17.30 |
| 34.0 | 0646 | 4.0 | | | 0.44 | 3.2 | | 6.3 | 6.4 | 80 | | 0.49 | 32 | | 25.02 | 19.30 | 17.34 |
| 34.0 | 0646 | 5.0 | | | 0.44 | 3.2 | | 6.3 | 6.4 | 80 | | 0.56 | 37 | | 25.08 | 19.24 | 17.40 |
| 34.0 | 0646 | 6.0 | | | 0.45 | 3.2 | | 6.3 | 6.4 | 80 | | 0.63 | 41 | | 25.09 | 19.23 | 17.41 |
| 34.0 | 0646 | 7.0 | | | 0.45 | 3.2 | | 6.3 | 6.4 | 80 | | 0.73 | 47 | | 25.10 | 19.23 | 17.42 |
| 32.0 | 0706 | 1.0 | | | 0.39 | 2.8 | | 6.4 | 6.5 | 81 | | 0.22 | 14 | 1.5 | 25.51 | 18.91 | 17.81 |
| 32.0 | 0706 | 2.0 | 2.4 | 0.44 | 0.38 | 2.8 | 6.5 | 6.4 | 6.4 | 81 | 14.1 | 0.24 | 16 | | 25.55 | 18.89 | 17.84 |
| 32.0 | 0706 | 3.0 | | | 0.37 | 2.7 | | 6.4 | 6.4 | 81 | | 0.28 | 18 | | 25.58 | 18.88 | 17.86 |
| 32.0 | 0706 | 4.0 | | | 0.36 | 2.7 | | 6.4 | 6.5 | 81 | | 0.32 | 21 | | 25.59 | 18.88 | 17.88 |
| 32.0 | 0706 | 5.0 | | | 0.36 | 2.7 | | 6.4 | 6.4 | 81 | | 0.36 | 23 | | 25.61 | 18.87 | 17.89 |
| 32.0 | 0706 | 6.0 | | | 0.37 | 2.7 | | 6.4 | 6.4 | 81 | | 0.40 | 26 | | 25.62 | 18.87 | 17.90 |
| 32.0 | 0706 | 7.0 | | | 0.37 | 2.8 | | 6.4 | 6.4 | 81 | | 0.44 | 29 | | 25.64 | 18.86 | 17.91 |
| 32.0 | 0706 | 8.0 | | | 0.38 | 2.8 | | 6.4 | 6.4 | 81 | | 0.49 | 32 | | 25.64 | 18.85 | 17.92 |
| 32.0 | 0706 | 9.0 | | | 0.38 | 2.8 | | 6.4 | 6.4 | 81 | | 0.53 | 34 | | 25.64 | 18.84 | 17.92 |
| 32.0 | 0706 | 10.0 | | | 0.38 | 2.8 | | 6.4 | 6.4 | 81 | | 0.54 | 35 | | 25.64 | 18.84 | 17.93 |
| 32.0 | 0706 | 11.0 | | | 0.37 | 2.8 | | 6.4 | 6.4 | 81 | | 0.53 | 35 | | 25.65 | 18.83 | 17.93 |
| 32.0 | 0706 | 12.0 | | | 0.37 | 2.7 | | 6.4 | 6.4 | 81 | | 0.55 | 35 | | 25.65 | 18.83 | 17.93 |
| 30.0 | 0735 | 1.0 | | | 0.43 | 3.1 | | 6.6 | 6.7 | 84 | | 0.14 | 9 | 1.1 | 26.06 | 18.42 | 18.34 |
| 30.0 | 0735 | 2.0 | 2.9 | 0.84 | 0.41 | 3.0 | 6.7 | 6.6 | 6.7 | 84 | | 0.13 | 9 | | 26.08 | 18.42 | 18.36 |
| 30.0 | 0735 | 3.0 | | | 0.38 | 2.8 | | 6.6 | 6.7 | 84 | | 0.14 | 9 | | 26.09 | 18.42 | 18.37 |
| 30.0 | 0735 | 4.0 | | | 0.37 | 2.7 | | 6.6 | 6.7 | 84 | | 0.14 | 9 | | 26.09 | 18.42 | 18.37 |
| 30.0 | 0735 | 5.0 | | | 0.35 | 2.6 | | 6.6 | 6.7 | 84 | | 0.14 | 9 | | 26.11 | 18.42 | 18.38 |
| 30.0 | 0735 | 6.0 | | | 0.32 | 2.4 | | 6.6 | 6.7 | 83 | | 0.14 | 10 | | 26.14 | 18.41 | 18.40 |
| 30.0 | 0735 | 7.0 | | | 0.28 | 2.1 | | 6.6 | 6.6 | 83 | | 0.15 | 10 | | 26.23 | 18.45 | 18.47 |
| 30.0 | 0735 | 8.0 | | | 0.27 | 2.0 | | 6.6 | 6.6 | 83 | | 0.16 | 10 | | 26.27 | 18.44 | 18.50 |
| 30.0 | 0735 | 9.0 | | | 0.27 | 2.0 | | 6.6 | 6.6 | 83 | | 0.16 | 10 | | 26.30 | 18.45 | 18.52 |
| 30.0 | 0735 | 10.0 | | | 0.27 | 2.1 | | 6.6 | 6.6 | 83 | | 0.19 | 13 | | 26.31 | 18.46 | 18.52 |
| 30.0 | 0735 | 11.0 | | | 0.28 | 2.1 | | 6.5 | 6.6 | 83 | | 0.21 | 14 | | 26.33 | 18.49 | 18.53 |
| 30.0 | 0735 | 12.0 | | | 0.28 | 2.2 | | 6.5 | 6.6 | 83 | | 0.23 | 15 | | 26.34 | 18.50 | 18.54 |
| 30.0 | 0735 | 13.0 | | | 0.28 | 2.2 | | 6.5 | 6.6 | 82 | | 0.27 | 17 | | 26.35 | 18.48 | 18.55 |
| 30.0 | 0735 | 14.0 | 1.8 | 0.57 | 0.28 | 2.1 | | 6.5 | 6.6 | 83 | | 0.29 | 19 | | 26.35 | 18.47 | 18.55 |

South San Francisco Bay

May 14, 1997

97134

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 29.0 | 0757 | 1.0 | | | 0.31 | 2.3 | | 6.8 | 6.9 | 86 | | 0.12 | 8 | 1.0 | 26.65 | 18.49 | 18.77 |
| 29.0 | 0757 | 2.0 | | | 0.30 | 2.3 | | 6.8 | 6.9 | 86 | | 0.12 | 8 | | 26.74 | 18.49 | 18.84 |
| 29.0 | 0757 | 3.0 | | | 0.30 | 2.3 | | 6.8 | 6.9 | 86 | | 0.12 | 8 | | 26.82 | 18.53 | 18.89 |
| 29.0 | 0757 | 4.0 | | | 0.30 | 2.3 | | 6.8 | 6.9 | 86 | | 0.13 | 9 | | 26.83 | 18.55 | 18.90 |
| 29.0 | 0757 | 5.0 | | | 0.30 | 2.3 | | 6.8 | 6.9 | 86 | | 0.13 | 9 | | 26.83 | 18.55 | 18.90 |
| 29.0 | 0757 | 6.0 | | | 0.30 | 2.3 | | 6.8 | 6.9 | 86 | | 0.14 | 9 | | 26.83 | 18.55 | 18.90 |
| 29.0 | 0757 | 7.0 | | | 0.30 | 2.3 | | 6.8 | 6.9 | 86 | | 0.14 | 9 | | 26.84 | 18.56 | 18.90 |
| 29.0 | 0757 | 8.0 | | | 0.30 | 2.3 | | 6.8 | 6.9 | 86 | | 0.14 | 9 | | 26.84 | 18.57 | 18.90 |
| 29.0 | 0757 | 9.0 | | | 0.31 | 2.3 | | 6.8 | 6.9 | 86 | | 0.14 | 9 | | 26.85 | 18.56 | 18.91 |
| 29.0 | 0757 | 10.0 | | | 0.30 | 2.3 | | 6.7 | 6.8 | 86 | | 0.14 | 9 | | 26.87 | 18.55 | 18.93 |
| 29.0 | 0757 | 11.0 | | | 0.30 | 2.2 | | 6.7 | 6.8 | 85 | | 0.14 | 9 | | 26.91 | 18.49 | 18.97 |
| 29.0 | 0757 | 12.0 | | | 0.28 | 2.1 | | 6.7 | 6.8 | 85 | | 0.15 | 10 | | 26.94 | 18.40 | 19.02 |
| 29.0 | 0757 | 13.0 | | | 0.27 | 2.1 | | 6.7 | 6.8 | 85 | | 0.16 | 10 | | 26.98 | 18.33 | 19.06 |
| 29.0 | 0757 | 14.0 | | | 0.27 | 2.0 | | 6.7 | 6.8 | 85 | | 0.16 | 11 | | 27.02 | 18.27 | 19.11 |
| 29.0 | 0757 | 15.0 | | | 0.27 | 2.0 | | 6.8 | 6.9 | 86 | | 0.18 | 12 | | 27.05 | 18.23 | 19.14 |
| 27.0 | 0823 | 1.0 | | | 0.28 | 2.1 | | 7.0 | 7.1 | 89 | | 0.09 | 6 | 1.0 | 27.11 | 18.15 | 19.21 |
| 27.0 | 0823 | 2.0 | 2.1 | 0.66 | 0.27 | 2.0 | 7.1 | 6.9 | 7.0 | 88 | 6.3 | 0.09 | 6 | | 27.13 | 18.09 | 19.24 |
| 27.0 | 0823 | 3.0 | | | 0.25 | 1.9 | | 6.9 | 7.0 | 87 | | 0.09 | 6 | | 27.19 | 18.04 | 19.29 |
| 27.0 | 0823 | 4.0 | | | 0.24 | 1.9 | | 6.9 | 7.0 | 87 | | 0.11 | 7 | | 27.24 | 17.99 | 19.34 |
| 27.0 | 0823 | 5.0 | | | 0.23 | 1.8 | | 6.8 | 6.9 | 86 | | 0.12 | 8 | | 27.28 | 17.93 | 19.38 |
| 27.0 | 0823 | 6.0 | | | 0.22 | 1.7 | | 6.8 | 6.9 | 85 | | 0.12 | 8 | | 27.35 | 17.83 | 19.47 |
| 27.0 | 0823 | 7.0 | | | 0.22 | 1.7 | | 6.9 | 7.0 | 86 | | 0.12 | 8 | | 27.56 | 17.63 | 19.67 |
| 27.0 | 0823 | 8.0 | | | 0.22 | 1.7 | | 6.9 | 7.0 | 87 | | 0.11 | 8 | | 27.67 | 17.54 | 19.78 |
| 27.0 | 0823 | 9.0 | | | 0.22 | 1.7 | | 7.0 | 7.1 | 87 | | 0.12 | 8 | | 27.68 | 17.54 | 19.79 |
| 27.0 | 0823 | 10.0 | | | 0.22 | 1.7 | | 7.0 | 7.1 | 87 | | 0.11 | 7 | | 27.70 | 17.53 | 19.80 |
| 27.0 | 0823 | 11.0 | | | 0.22 | 1.7 | | 6.9 | 7.0 | 87 | | 0.12 | 8 | | 27.73 | 17.50 | 19.83 |
| 27.0 | 0823 | 12.0 | | | 0.22 | 1.7 | | 7.0 | 7.1 | 87 | | 0.12 | 8 | | 27.76 | 17.45 | 19.87 |
| 27.0 | 0823 | 13.0 | 1.2 | 0.51 | 0.21 | 1.7 | | 7.0 | 7.1 | 88 | | 0.12 | 8 | | 27.80 | 17.41 | 19.91 |
| 25.0 | 0847 | 1.0 | | | 0.28 | 2.1 | | 7.2 | 7.3 | 90 | | 0.05 | 3 | 0.8 | 27.92 | 17.12 | 20.06 |
| 25.0 | 0847 | 2.0 | | | 0.26 | 2.0 | | 7.0 | 7.1 | 87 | | 0.05 | 3 | | 27.94 | 17.09 | 20.08 |
| 25.0 | 0847 | 3.0 | | | 0.22 | 1.7 | | 6.9 | 7.0 | 86 | | 0.06 | 4 | | 28.06 | 16.93 | 20.22 |
| 25.0 | 0847 | 4.0 | | | 0.19 | 1.5 | | 6.9 | 7.0 | 86 | | 0.06 | 4 | | 28.24 | 16.70 | 20.40 |
| 25.0 | 0847 | 5.0 | | | 0.18 | 1.5 | | 7.1 | 7.2 | 87 | | 0.05 | 3 | | 28.41 | 16.46 | 20.59 |
| 25.0 | 0847 | 6.0 | | | 0.18 | 1.4 | | 7.1 | 7.2 | 87 | | 0.04 | 3 | | 28.43 | 16.42 | 20.61 |
| 25.0 | 0847 | 7.0 | | | 0.18 | 1.4 | | 7.1 | 7.2 | 88 | | 0.05 | 3 | | 28.45 | 16.36 | 20.64 |
| 25.0 | 0847 | 8.0 | | | 0.18 | 1.4 | | 7.1 | 7.2 | 88 | | 0.05 | 4 | | 28.46 | 16.34 | 20.65 |
| 24.0 | 0903 | 1.0 | | | 0.34 | 2.5 | | 7.6 | 7.7 | 94 | | 0.02 | 1 | 0.6 | 28.51 | 16.26 | 20.71 |
| 24.0 | 0903 | 2.0 | 2.5 | 0.77 | 0.35 | 2.6 | 7.7 | 7.6 | 7.7 | 94 | 2.1 | 0.01 | 1 | | 28.53 | 16.22 | 20.73 |
| 24.0 | 0903 | 3.0 | | | 0.34 | 2.5 | | 7.6 | 7.7 | 93 | | 0.01 | 1 | | 28.53 | 16.16 | 20.75 |
| 24.0 | 0903 | 4.0 | | | 0.31 | 2.3 | | 7.6 | 7.7 | 94 | | 0.01 | 1 | | 28.56 | 16.09 | 20.78 |

| South San Francisco Bay | | | | | | | | | | May 14, 1997 | | | 97134 | | | |
|-------------------------|------|-------|----------------|-----------------|-------|---------------|---------------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
| 24.0 | 0903 | 5.0 | | | 0.27 | 2.1 | | 7.6 | 94 | | 0.01 | 1 | | 28.57 | 16.06 | 20.80 |
| 24.0 | 0903 | 6.0 | | | 0.26 | 2.0 | | 7.6 | 94 | | 0.01 | 1 | | 28.58 | 16.05 | 20.81 |
| 24.0 | 0903 | 7.0 | | | 0.25 | 1.9 | | 7.6 | 94 | | 0.01 | 1 | | 28.58 | 16.03 | 20.81 |
| 24.0 | 0903 | 8.0 | | | 0.24 | 1.8 | | 7.6 | 94 | | 0.01 | 1 | | 28.60 | 15.99 | 20.84 |
| 24.0 | 0903 | 9.0 | | | 0.22 | 1.7 | | 7.6 | 94 | | 0.02 | 1 | | 28.61 | 15.99 | 20.84 |
| 24.0 | 0903 | 10.0 | 1.8 | 0.64 | 0.22 | 1.7 | | 7.7 | 94 | | 0.02 | 2 | | 28.61 | 15.99 | 20.84 |
| 22.0 | 0929 | 1.0 | | | 0.30 | 2.3 | | 7.6 | 93 | | 0.01 | 1 | 0.6 | 28.67 | 15.96 | 20.89 |
| 22.0 | 0929 | 2.0 | | | 0.30 | 2.3 | | 7.4 | 91 | | 0.01 | 1 | | 28.67 | 15.98 | 20.89 |
| 22.0 | 0929 | 3.0 | | | 0.30 | 2.2 | | 7.4 | 90 | | 0.01 | 1 | | 28.82 | 15.72 | 21.07 |
| 22.0 | 0929 | 4.0 | | | 0.27 | 2.1 | | 7.4 | 90 | | 0.01 | 1 | | 28.93 | 15.56 | 21.18 |
| 22.0 | 0929 | 5.0 | | | 0.24 | 1.9 | | 7.4 | 91 | | 0.01 | 1 | | 28.94 | 15.55 | 21.19 |
| 22.0 | 0929 | 6.0 | | | 0.23 | 1.8 | | 7.5 | 91 | | 0.01 | 1 | | 28.96 | 15.54 | 21.20 |
| 22.0 | 0929 | 7.0 | | | 0.23 | 1.8 | | 7.5 | 91 | | 0.01 | 1 | | 28.96 | 15.54 | 21.21 |
| 22.0 | 0929 | 8.0 | | | 0.24 | 1.9 | | 7.5 | 91 | | 0.01 | 1 | | 28.98 | 15.54 | 21.22 |
| 22.0 | 0929 | 9.0 | | | 0.23 | 1.8 | | 7.5 | 91 | | 0.01 | 1 | | 28.99 | 15.54 | 21.23 |
| 22.0 | 0929 | 10.0 | | | 0.21 | 1.6 | | 7.3 | 89 | | 0.01 | 1 | | 29.07 | 15.48 | 21.30 |
| 22.0 | 0929 | 11.0 | | | 0.21 | 1.7 | | 7.0 | 85 | | 0.01 | 1 | | 29.30 | 15.22 | 21.53 |
| 22.0 | 0929 | 12.0 | | | 0.22 | 1.7 | | 7.1 | 85 | | 0.02 | 1 | | 29.78 | 14.61 | 22.03 |
| 22.0 | 0929 | 13.0 | | | 0.24 | 1.8 | | 7.2 | 86 | | 0.02 | 2 | | 30.00 | 14.36 | 22.25 |
| 22.0 | 0929 | 14.0 | | | 0.27 | 2.1 | | 7.2 | 86 | | 0.06 | 4 | | 30.07 | 14.29 | 22.33 |
| 22.0 | 0929 | 15.0 | | | 0.29 | 2.2 | | 7.2 | 86 | | 0.10 | 7 | | 30.16 | 14.20 | 22.41 |
| 22.0 | 0929 | 16.0 | | | 0.28 | 2.1 | | 7.2 | 86 | | 0.13 | 9 | | 30.20 | 14.15 | 22.45 |
| 22.0 | 0929 | 17.0 | | | 0.28 | 2.1 | | 7.3 | 87 | | 0.14 | 9 | | 30.22 | 14.13 | 22.47 |
| 21.0 | 0942 | 1.0 | | | 0.44 | 3.2 | | 7.9 | 98 | | 0.01 | 1 | | 28.56 | 16.42 | 20.71 |
| 21.0 | 0942 | 2.0 | 3.9 | 0.83 | 0.45 | 3.3 | 7.9 | 7.8 | 97 | | 0.01 | 1 | | 28.56 | 16.35 | 20.73 |
| 21.0 | 0942 | 3.0 | | | 0.42 | 3.1 | | 7.7 | 96 | | 0.01 | 1 | | 28.58 | 16.29 | 20.75 |
| 21.0 | 0942 | 4.0 | | | 0.37 | 2.7 | | 7.7 | 94 | | 0.01 | 1 | | 28.65 | 16.17 | 20.83 |
| 21.0 | 0942 | 5.0 | | | 0.31 | 2.3 | | 7.7 | 95 | | 0.01 | 1 | | 28.66 | 16.11 | 20.86 |
| 21.0 | 0942 | 6.0 | | | 0.28 | 2.1 | | 7.7 | 95 | | 0.01 | 1 | | 28.66 | 16.11 | 20.86 |
| 21.0 | 0942 | 7.0 | | | 0.26 | 2.0 | | 7.6 | 94 | | 0.01 | 1 | | 28.67 | 16.12 | 20.86 |
| 21.0 | 0942 | 8.0 | | | 0.24 | 1.8 | | 7.5 | 92 | | 0.01 | 1 | | 28.70 | 16.08 | 20.89 |
| 21.0 | 0942 | 9.0 | | | 0.21 | 1.6 | | 7.5 | 91 | | 0.01 | 1 | | 28.76 | 15.85 | 20.99 |
| 21.0 | 0942 | 10.0 | | | 0.22 | 1.7 | | 7.3 | 90 | | 0.01 | 1 | | 28.88 | 15.66 | 21.12 |
| 21.0 | 0942 | 11.0 | | | 0.25 | 1.9 | | 7.1 | 85 | | 0.01 | 1 | | 29.09 | 15.45 | 21.33 |
| 21.0 | 0942 | 12.0 | | | 0.27 | 2.1 | | 7.0 | 85 | | 0.01 | 1 | | 29.64 | 14.85 | 21.88 |
| 21.0 | 0942 | 13.0 | | | 0.26 | 2.0 | | 7.1 | 85 | | 0.04 | 3 | | 30.06 | 14.37 | 22.30 |
| 21.0 | 0942 | 14.0 | | | 0.26 | 2.0 | | 7.1 | 85 | | 0.06 | 4 | | 30.25 | 14.15 | 22.49 |
| 21.0 | 0942 | 15.0 | | | 0.26 | 2.0 | | 7.2 | 86 | | 0.08 | 5 | | 30.35 | 14.03 | 22.59 |
| 21.0 | 0942 | 16.0 | | | 0.25 | 1.9 | | 7.3 | 86 | | 0.10 | 7 | | 30.40 | 13.98 | 22.64 |
| 21.0 | 0942 | 17.0 | 2.7 | 0.60 | 0.25 | 1.9 | | 7.4 | 88 | | 0.12 | 8 | | 30.44 | 13.94 | 22.68 |

| North San Francisco Bay | | | | | | | | | | June 10, 1997 | | | | 97161 | | | |
|-------------------------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|---------------|--------------|------|-------------|-------|-------|-------|------|
| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
| 657.0 | 1741 | 1.0 | | | 0.42 | 3.4 | | 8.3 | 8.3 | 95 | | 0.42 | 31 | 2.5 | 0.08 | 21.63 | 0.00 |
| 657.0 | 1741 | 2.0 | 2.8 | 0.67 | 0.41 | 3.3 | 8.2 | 8.3 | 8.3 | 95 | 31.1 | 0.41 | 31 | | 0.08 | 21.63 | 0.00 |
| 657.0 | 1741 | 3.0 | | | 0.42 | 3.4 | | 8.3 | 8.3 | 95 | | 0.41 | 30 | | 0.08 | 21.63 | 0.00 |
| 657.0 | 1741 | 4.0 | | | 0.42 | 3.4 | | 8.3 | 8.4 | 95 | | 0.40 | 30 | | 0.08 | 21.63 | 0.00 |
| 657.0 | 1741 | 5.0 | | | 0.43 | 3.5 | | 8.3 | 8.4 | 95 | | 0.40 | 30 | | 0.08 | 21.63 | 0.00 |
| 657.0 | 1741 | 6.0 | | | 0.43 | 3.5 | | 8.3 | 8.3 | 95 | | 0.41 | 30 | | 0.08 | 21.62 | 0.00 |
| 657.0 | 1741 | 7.0 | | | 0.43 | 3.5 | | 8.3 | 8.3 | 95 | | 0.43 | 32 | | 0.08 | 21.61 | 0.00 |
| 657.0 | 1741 | 8.0 | | | 0.43 | 3.5 | | 8.3 | 8.3 | 95 | | 0.48 | 34 | | 0.08 | 21.61 | 0.00 |
| 657.0 | 1741 | 9.0 | 3.6 | 0.63 | 0.43 | 3.5 | | 8.3 | 8.3 | 95 | | 0.51 | 36 | | 0.08 | 21.61 | 0.00 |
| 649.0 | 1649 | 1.0 | | | 0.39 | 3.1 | | 8.1 | 8.1 | 92 | | 0.62 | 43 | 3.0 | 0.11 | 21.19 | 0.00 |
| 649.0 | 1649 | 2.0 | 3.1 | 0.61 | 0.39 | 3.1 | 8.5 | 8.1 | 8.1 | 92 | | 0.59 | 41 | | 0.11 | 21.16 | 0.00 |
| 649.0 | 1649 | 3.0 | | | 0.39 | 3.1 | | 8.2 | 8.2 | 92 | | 0.62 | 43 | | 0.12 | 21.14 | 0.00 |
| 649.0 | 1649 | 4.0 | | | 0.39 | 3.1 | | 8.2 | 8.2 | 93 | | 0.62 | 43 | | 0.13 | 21.12 | 0.00 |
| 649.0 | 1649 | 5.0 | | | 0.39 | 3.1 | | 8.3 | 8.3 | 94 | | 0.62 | 42 | | 0.14 | 21.12 | 0.00 |
| 649.0 | 1649 | 6.0 | | | 0.39 | 3.1 | | 8.3 | 8.3 | 94 | | 0.62 | 43 | | 0.14 | 21.12 | 0.00 |
| 649.0 | 1649 | 7.0 | | | 0.38 | 3.0 | | 8.4 | 8.4 | 95 | | 0.61 | 42 | | 0.19 | 21.14 | 0.00 |
| 649.0 | 1649 | 8.0 | | | 0.36 | 2.8 | | 8.4 | 8.4 | 95 | | 0.66 | 45 | | 0.32 | 21.21 | 0.00 |
| 649.0 | 1649 | 9.0 | | | 0.35 | 2.8 | | 8.4 | 8.4 | 95 | | 0.68 | 46 | | 0.34 | 21.24 | 0.00 |
| 649.0 | 1649 | 10.0 | 3.2 | 0.62 | 0.35 | 2.8 | | 8.4 | 8.4 | 95 | | 0.69 | 47 | | 0.35 | 21.23 | 0.00 |
| 2.0 | 1631 | 1.0 | | | 0.35 | 2.7 | | 8.5 | 8.5 | 97 | | 0.68 | 46 | 2.9 | 0.47 | 21.66 | 0.00 |
| 2.0 | 1631 | 2.0 | | | 0.35 | 2.7 | | 8.5 | 8.5 | 97 | | 0.68 | 46 | | 0.47 | 21.63 | 0.00 |
| 2.0 | 1631 | 3.0 | | | 0.35 | 2.7 | | 8.5 | 8.5 | 97 | | 0.69 | 47 | | 0.47 | 21.60 | 0.00 |
| 2.0 | 1631 | 4.0 | | | 0.36 | 2.8 | | 8.5 | 8.5 | 97 | | 0.79 | 52 | | 0.48 | 21.57 | 0.00 |
| 2.0 | 1631 | 5.0 | | | 0.37 | 2.9 | | 8.5 | 8.5 | 97 | | 0.82 | 54 | | 0.49 | 21.57 | 0.00 |
| 2.0 | 1631 | 6.0 | | | 0.37 | 2.9 | | 8.5 | 8.5 | 97 | | 0.85 | 56 | | 0.49 | 21.57 | 0.00 |
| 2.0 | 1631 | 7.0 | | | 0.37 | 2.9 | | 8.5 | 8.6 | 98 | | 0.84 | 55 | | 0.50 | 21.57 | 0.00 |
| 2.0 | 1631 | 8.0 | | | 0.37 | 2.9 | | 8.6 | 8.6 | 98 | | 0.83 | 55 | | 0.50 | 21.57 | 0.00 |
| 2.0 | 1631 | 9.0 | | | 0.37 | 2.9 | | 8.6 | 8.6 | 98 | | 0.84 | 55 | | 0.52 | 21.56 | 0.00 |
| 2.0 | 1631 | 10.0 | | | 0.37 | 2.9 | | 8.5 | 8.5 | 98 | | 0.89 | 58 | | 0.57 | 21.55 | 0.00 |
| 2.0 | 1631 | 11.0 | | | 0.37 | 2.9 | | 8.5 | 8.6 | 98 | | 0.98 | 64 | | 0.64 | 21.54 | 0.00 |
| 3.0 | 1615 | 1.0 | | | 0.35 | 2.7 | | 8.6 | 8.6 | 98 | | 0.74 | 50 | 3.4 | 0.65 | 21.47 | 0.00 |
| 3.0 | 1615 | 2.0 | 2.7 | 0.64 | 0.35 | 2.7 | 8.4 | 8.5 | 8.6 | 98 | 38.9 | 0.68 | 46 | | 0.66 | 21.46 | 0.00 |
| 3.0 | 1615 | 3.0 | | | 0.35 | 2.7 | | 8.6 | 8.6 | 98 | | 0.69 | 46 | | 0.70 | 21.45 | 0.00 |
| 3.0 | 1615 | 4.0 | | | 0.34 | 2.7 | | 8.6 | 8.6 | 98 | | 0.72 | 48 | | 0.77 | 21.47 | 0.00 |
| 3.0 | 1615 | 5.0 | | | 0.35 | 2.7 | | 8.6 | 8.6 | 98 | | 0.77 | 51 | | 0.83 | 21.49 | 0.00 |
| 3.0 | 1615 | 6.0 | | | 0.35 | 2.7 | | 8.5 | 8.6 | 98 | | 0.79 | 52 | | 0.89 | 21.50 | 0.00 |
| 3.0 | 1615 | 7.0 | | | 0.36 | 2.8 | | 8.6 | 8.6 | 98 | | 0.84 | 55 | | 0.97 | 21.49 | 0.00 |
| 3.0 | 1615 | 8.0 | | | 0.37 | 2.9 | | 8.5 | 8.5 | 98 | | 0.97 | 63 | | 0.99 | 21.49 | 0.00 |
| 3.0 | 1615 | 9.0 | 3.1 | 0.48 | 0.37 | 2.9 | | 8.5 | 8.6 | 98 | | 1.15 | 73 | | 0.99 | 21.49 | 0.00 |

North San Francisco Bay

June 10, 1997

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| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|-----|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------------|-------------|-------|-------|-------|------|
| 4.0 | 1548 | 1.0 | | | 0.33 | 2.6 | | 8.6 | 8.6 | 98 | | 0.85 | 56 | 3.4 | 1.09 | 21.33 | 0.00 |
| 4.0 | 1548 | 2.0 | | | 0.33 | 2.6 | | 8.6 | 8.6 | 98 | | 0.88 | 58 | | 1.09 | 21.27 | 0.00 |
| 4.0 | 1548 | 3.0 | | | 0.33 | 2.6 | | 8.6 | 8.6 | 98 | | 0.93 | 60 | | 1.11 | 21.21 | 0.00 |
| 4.0 | 1548 | 4.0 | | | 0.34 | 2.6 | | 8.6 | 8.6 | 98 | | 0.99 | 64 | | 1.16 | 21.10 | 0.00 |
| 4.0 | 1548 | 5.0 | | | 0.35 | 2.7 | | 8.6 | 8.6 | 98 | | 1.11 | 71 | | 1.20 | 21.07 | 0.00 |
| 4.0 | 1548 | 6.0 | | | 0.35 | 2.7 | | 8.6 | 8.6 | 98 | | 1.10 | 70 | | 1.26 | 21.07 | 0.00 |
| 4.0 | 1548 | 7.0 | | | 0.36 | 2.8 | | 8.6 | 8.7 | 98 | | 1.13 | 72 | | 1.27 | 21.06 | 0.00 |
| 4.0 | 1548 | 8.0 | | | 0.36 | 2.8 | | 8.7 | 8.7 | 98 | | 1.19 | 75 | | 1.31 | 21.05 | 0.00 |
| 4.0 | 1548 | 9.0 | | | 0.37 | 2.9 | | 8.7 | 8.7 | 99 | | 1.29 | 82 | | 1.38 | 21.06 | 0.00 |
| 4.0 | 1548 | 10.0 | | | 0.37 | 2.9 | | 8.8 | 8.8 | 100 | | 1.40 | 88 | | 1.42 | 21.08 | 0.00 |
| 4.0 | 1548 | 11.0 | | | 0.38 | 3.0 | | 8.9 | 8.9 | 102 | | 1.53 | 95 | | 1.72 | 21.23 | 0.00 |
| 4.0 | 1548 | 12.0 | | | 0.39 | 3.1 | | 8.9 | 8.9 | 102 | | 1.79 | 110 | | 2.06 | 21.45 | 0.00 |
| 4.0 | 1548 | 13.0 | | | 0.40 | 3.2 | | 8.9 | 9.0 | 103 | | 1.94 | 119 | | 2.23 | 21.54 | 0.00 |
| 4.0 | 1548 | 14.0 | | | 0.41 | 3.3 | | 8.8 | 8.8 | 102 | | 2.44 | 148 | | 2.71 | 21.76 | 0.00 |
| 4.0 | 1548 | 15.0 | | | 0.41 | 3.3 | | 8.7 | 8.8 | 102 | | 2.98 | 179 | | 2.77 | 21.77 | 0.00 |
| 5.0 | 1528 | 1.0 | | | 0.30 | 2.3 | | 8.5 | 8.5 | 97 | | 1.04 | 67 | 3.9 | 1.74 | 21.18 | 0.00 |
| 5.0 | 1528 | 2.0 | | | 0.31 | 2.3 | | 8.5 | 8.5 | 97 | | 1.04 | 67 | | 1.74 | 21.17 | 0.00 |
| 5.0 | 1528 | 3.0 | | | 0.31 | 2.3 | | 8.5 | 8.5 | 97 | | 1.06 | 68 | | 1.74 | 21.17 | 0.00 |
| 5.0 | 1528 | 4.0 | | | 0.31 | 2.4 | | 8.5 | 8.5 | 97 | | 1.11 | 71 | | 1.74 | 21.13 | 0.00 |
| 5.0 | 1528 | 5.0 | | | 0.32 | 2.4 | | 8.5 | 8.5 | 97 | | 1.15 | 73 | | 1.74 | 21.11 | 0.00 |
| 5.0 | 1528 | 6.0 | | | 0.32 | 2.5 | | 8.5 | 8.5 | 97 | | 1.14 | 73 | | 1.75 | 21.10 | 0.00 |
| 5.0 | 1528 | 7.0 | | | 0.33 | 2.5 | | 8.5 | 8.5 | 97 | | 1.19 | 75 | | 1.76 | 21.10 | 0.00 |
| 5.0 | 1528 | 8.0 | | | 0.33 | 2.5 | | 8.5 | 8.6 | 97 | | 1.20 | 76 | | 1.76 | 21.10 | 0.00 |
| 5.0 | 1528 | 9.0 | | | 0.33 | 2.5 | | 8.6 | 8.6 | 98 | | 1.20 | 76 | | 1.76 | 21.10 | 0.00 |
| 5.0 | 1528 | 10.0 | | | 0.32 | 2.5 | | 8.5 | 8.5 | 97 | | 1.19 | 76 | | 1.77 | 21.09 | 0.00 |
| 5.0 | 1528 | 11.0 | | | 0.32 | 2.5 | | 8.5 | 8.6 | 98 | | 1.20 | 76 | | 1.77 | 21.09 | 0.00 |
| 6.0 | 1503 | 1.0 | | | 0.28 | 2.1 | | 8.5 | 8.5 | 98 | | 1.11 | 71 | 5.6 | 3.01 | 21.27 | 0.22 |
| 6.0 | 1503 | 2.0 | | 0.52 | 0.28 | 2.0 | | 8.4 | 8.5 | 97 | 62.4 | 1.06 | 68 | | 3.04 | 21.22 | 0.25 |
| 6.0 | 1503 | 3.0 | 1.9 | | 0.28 | 2.1 | | 8.5 | 8.5 | 97 | | 1.10 | 71 | | 3.17 | 21.10 | 0.38 |
| 6.0 | 1503 | 4.0 | | | 0.29 | 2.1 | | 8.5 | 8.5 | 98 | | 1.24 | 78 | | 3.26 | 21.08 | 0.46 |
| 6.0 | 1503 | 5.0 | | | 0.29 | 2.1 | | 8.5 | 8.5 | 98 | | 1.33 | 84 | | 3.36 | 21.07 | 0.53 |
| 6.0 | 1503 | 6.0 | | | 0.29 | 2.1 | | 8.5 | 8.5 | 98 | | 1.37 | 86 | | 3.45 | 21.08 | 0.60 |
| 6.0 | 1503 | 7.0 | | | 0.29 | 2.2 | | 8.5 | 8.5 | 98 | | 1.39 | 87 | | 3.47 | 21.09 | 0.61 |
| 6.0 | 1503 | 8.0 | | | 0.29 | 2.2 | | 8.5 | 8.6 | 98 | | 1.42 | 89 | | 3.53 | 21.13 | 0.65 |
| 6.0 | 1503 | 9.0 | | | 0.30 | 2.2 | | 8.5 | 8.5 | 98 | | 1.49 | 93 | | 3.72 | 21.15 | 0.78 |
| 6.0 | 1503 | 10.0 | | | 0.30 | 2.2 | | 8.5 | 8.5 | 98 | | 1.54 | 96 | | 4.21 | 21.13 | 1.16 |
| 6.0 | 1503 | 11.0 | 2.5 | 0.41 | 0.30 | 2.2 | | 8.5 | 8.5 | 98 | | 1.71 | 106 | | 5.00 | 21.08 | 1.77 |
| 7.0 | 1438 | 1.0 | | | 0.25 | 1.8 | | 8.2 | 8.2 | 96 | | 1.19 | 76 | 4.5 | 6.02 | 20.99 | 2.56 |
| 7.0 | 1438 | 2.0 | | | 0.25 | 1.8 | | 8.2 | 8.2 | 96 | | 1.17 | 75 | | 6.05 | 20.92 | 2.60 |
| 7.0 | 1438 | 3.0 | | | 0.25 | 1.8 | | 8.2 | 8.2 | 96 | | 1.29 | 81 | | 6.07 | 20.87 | 2.63 |

North San Francisco Bay

June 10, 1997

97161

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | CALC SPM | EXCOF | SALIN | TEMP | SGT |
|-----|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------------|-------------|-------|-------|-------|------|
| 7.0 | 1438 | 4.0 | | | 0.26 | 1.8 | | 8.2 | 8.2 | 96 | | 1.37 | 86 | | 6.11 | 20.84 | 2.66 |
| 7.0 | 1438 | 5.0 | | | 0.26 | 1.9 | | 8.2 | 8.3 | 96 | | 1.49 | 93 | | 6.16 | 20.83 | 2.70 |
| 7.0 | 1438 | 6.0 | | | 0.26 | 1.9 | | 8.3 | 8.3 | 96 | | 1.53 | 95 | | 6.17 | 20.83 | 2.71 |
| 7.0 | 1438 | 7.0 | | | 0.27 | 1.9 | | 8.3 | 8.3 | 96 | | 1.55 | 96 | | 6.20 | 20.83 | 2.73 |
| 7.0 | 1438 | 8.0 | | | 0.28 | 2.0 | | 8.3 | 8.3 | 96 | | 1.65 | 102 | | 6.36 | 20.83 | 2.85 |
| 7.0 | 1438 | 9.0 | | | 0.28 | 2.1 | | 8.3 | 8.3 | 96 | | 1.86 | 114 | | 6.37 | 20.84 | 2.86 |
| 7.0 | 1438 | 10.0 | | | 0.29 | 2.1 | | 8.3 | 8.3 | 97 | | 1.96 | 120 | | 6.39 | 20.84 | 2.88 |
| 7.0 | 1438 | 11.0 | | | 0.29 | 2.1 | | 8.3 | 8.3 | 96 | | 1.98 | 121 | | 6.46 | 20.85 | 2.93 |
| 7.0 | 1438 | 12.0 | | | 0.30 | 2.2 | | 8.2 | 8.3 | 96 | | 2.09 | 128 | | 6.51 | 20.86 | 2.96 |
| 7.0 | 1438 | 13.0 | | | 0.30 | 2.2 | | 8.3 | 8.3 | 96 | | 2.30 | 139 | | 6.53 | 20.85 | 2.97 |
| 8.0 | 1413 | 1.0 | | | 0.29 | 2.2 | | 8.3 | 8.3 | 97 | | 1.29 | 81 | 5.0 | 8.01 | 20.42 | 4.19 |
| 8.0 | 1413 | 2.0 | | | 0.28 | 2.1 | | 8.3 | 8.3 | 96 | | 1.25 | 79 | | 8.14 | 20.25 | 4.33 |
| 8.0 | 1413 | 3.0 | | | 0.28 | 2.0 | | 8.4 | 8.4 | 97 | | 1.30 | 82 | | 8.36 | 20.11 | 4.52 |
| 8.0 | 1413 | 4.0 | | | 0.28 | 2.0 | | 8.3 | 8.3 | 97 | | 1.45 | 91 | | 8.50 | 20.17 | 4.62 |
| 8.0 | 1413 | 5.0 | | | 0.28 | 2.0 | | 8.3 | 8.3 | 97 | | 1.55 | 96 | | 8.67 | 20.22 | 4.74 |
| 8.0 | 1413 | 6.0 | | | 0.28 | 2.0 | | 8.3 | 8.3 | 97 | | 1.66 | 103 | | 8.79 | 20.30 | 4.81 |
| 8.0 | 1413 | 7.0 | | | 0.28 | 2.0 | | 8.3 | 8.3 | 97 | | 1.70 | 105 | | 8.91 | 20.35 | 4.89 |
| 8.0 | 1413 | 8.0 | | | 0.27 | 2.0 | | 8.2 | 8.2 | 97 | | 1.74 | 107 | | 9.08 | 20.39 | 5.01 |
| 8.0 | 1413 | 9.0 | | | 0.27 | 2.0 | | 8.2 | 8.2 | 96 | | 1.79 | 110 | | 9.18 | 20.42 | 5.07 |
| 8.0 | 1413 | 10.0 | | | 0.28 | 2.0 | | 8.2 | 8.2 | 96 | | 1.88 | 116 | | 9.19 | 20.43 | 5.08 |
| 8.0 | 1413 | 11.0 | | | 0.29 | 2.1 | | 8.2 | 8.2 | 96 | | 2.06 | 126 | | 9.26 | 20.45 | 5.13 |
| 8.0 | 1413 | 12.0 | | | 0.29 | 2.2 | | 8.1 | 8.2 | 96 | | 2.25 | 137 | | 9.37 | 20.44 | 5.22 |
| 8.0 | 1413 | 13.0 | | | 0.30 | 2.2 | | 8.1 | 8.1 | 96 | | 2.35 | 143 | | 9.53 | 20.43 | 5.34 |
| 8.0 | 1413 | 14.0 | | | 0.29 | 2.2 | | 8.1 | 8.1 | 95 | | 2.38 | 144 | | 9.69 | 20.41 | 5.47 |
| 8.0 | 1413 | 15.0 | | | 0.29 | 2.1 | | 8.1 | 8.1 | 95 | | 2.37 | 144 | | 10.39 | 20.35 | 6.01 |
| 9.0 | 1350 | 1.0 | | | 0.28 | 2.0 | | 7.9 | 8.0 | 94 | | 1.15 | 73 | 4.2 | 9.98 | 20.40 | 5.68 |
| 9.0 | 1350 | 2.0 | 1.8 | 0.49 | 0.27 | 2.0 | 8.0 | 8.0 | 8.0 | 94 | 73.1 | 1.37 | 86 | | 10.08 | 20.20 | 5.81 |
| 9.0 | 1350 | 3.0 | | | 0.28 | 2.1 | | 8.0 | 8.0 | 94 | | 1.66 | 103 | | 10.27 | 20.15 | 5.96 |
| 9.0 | 1350 | 4.0 | | | 0.29 | 2.1 | | 8.0 | 8.0 | 94 | | 1.86 | 114 | | 10.43 | 20.14 | 6.09 |
| 9.0 | 1350 | 5.0 | | | 0.29 | 2.2 | | 8.0 | 8.0 | 94 | | 1.91 | 117 | | 10.49 | 20.14 | 6.13 |
| 9.0 | 1350 | 6.0 | | | 0.29 | 2.2 | | 8.0 | 8.0 | 94 | | 2.02 | 123 | | 10.59 | 20.13 | 6.21 |
| 9.0 | 1350 | 7.0 | | | 0.29 | 2.1 | | 8.0 | 8.0 | 94 | | 2.06 | 126 | | 10.61 | 20.13 | 6.23 |
| 9.0 | 1350 | 8.0 | | | 0.29 | 2.1 | | 8.0 | 8.0 | 94 | | 2.03 | 124 | | 10.62 | 20.13 | 6.23 |
| 9.0 | 1350 | 9.0 | | | 0.29 | 2.2 | | 8.0 | 8.0 | 95 | | 2.07 | 127 | | 10.66 | 20.13 | 6.26 |
| 9.0 | 1350 | 10.0 | | | 0.29 | 2.2 | | 8.0 | 8.0 | 95 | | 2.05 | 125 | | 10.64 | 20.13 | 6.25 |
| 9.0 | 1350 | 11.0 | | | 0.29 | 2.2 | | 8.0 | 8.0 | 95 | | 2.05 | 125 | | 10.69 | 20.13 | 6.29 |
| 9.0 | 1350 | 12.0 | | | 0.29 | 2.2 | | 8.0 | 8.0 | 95 | | 2.07 | 127 | | 10.71 | 20.13 | 6.30 |
| 9.0 | 1350 | 13.0 | | | 0.29 | 2.2 | | 8.0 | 8.0 | 95 | | 2.13 | 130 | | 10.74 | 20.13 | 6.32 |
| 9.0 | 1350 | 14.0 | | | 0.29 | 2.2 | | 8.0 | 8.0 | 94 | | 2.16 | 132 | | 10.81 | 20.12 | 6.37 |
| 9.0 | 1350 | 15.0 | | | 0.29 | 2.2 | | 8.0 | 8.0 | 94 | | 2.22 | 135 | | 10.88 | 20.12 | 6.43 |
| 9.0 | 1350 | 16.0 | | | 0.30 | 2.2 | | 8.0 | 8.0 | 94 | | 2.29 | 139 | | 11.04 | 20.12 | 6.55 |

North San Francisco Bay

June 10, 1997

97161

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 9.0 | 1350 | 17.0 | | | 0.30 | 2.2 | | 8.0 | 8.0 | 94 | | 2.36 | 143 | | 11.27 | 20.12 | 6.73 |
| 9.0 | 1350 | 18.0 | | | 0.30 | 2.2 | | 7.9 | 7.9 | 94 | | 2.40 | 146 | | 11.63 | 20.12 | 6.99 |
| 9.0 | 1350 | 19.0 | | | 0.30 | 2.2 | | 7.8 | 7.9 | 94 | | 2.44 | 148 | | 12.43 | 20.14 | 7.60 |
| 9.0 | 1350 | 20.0 | | | 0.30 | 2.3 | | 7.8 | 7.8 | 93 | | 2.42 | 147 | | 12.86 | 20.15 | 7.92 |
| 9.0 | 1350 | 21.0 | | | 0.31 | 2.3 | | 7.8 | 7.8 | 93 | | 2.54 | 154 | | 12.90 | 20.15 | 7.95 |
| 9.0 | 1350 | 22.0 | | | 0.31 | 2.3 | | 7.8 | 7.8 | 93 | | 2.82 | 170 | | 12.93 | 20.15 | 7.98 |
| 9.0 | 1350 | 23.0 | | | 0.31 | 2.4 | | 7.8 | 7.8 | 93 | | 2.94 | 177 | | 13.03 | 20.16 | 8.05 |
| 9.0 | 1350 | 24.0 | | | 0.31 | 2.4 | | 7.8 | 7.8 | 93 | | 3.11 | 187 | | 13.17 | 20.16 | 8.15 |
| 9.0 | 1350 | 25.0 | | | 0.32 | 2.4 | | 7.7 | 7.7 | 93 | | 3.35 | 200 | | 13.39 | 20.17 | 8.32 |
| 9.0 | 1350 | 26.0 | | | 0.32 | 2.4 | | 7.7 | 7.7 | 93 | | 3.51 | 210 | | 13.59 | 20.18 | 8.47 |
| 10.0 | 1336 | 1.0 | | | 0.28 | 2.1 | | 8.0 | 8.0 | 95 | | 1.44 | 90 | 5.1 | 11.35 | 20.25 | 6.76 |
| 10.0 | 1336 | 2.0 | | | 0.28 | 2.1 | | 7.9 | 8.0 | 94 | | 1.40 | 88 | | 11.36 | 20.22 | 6.77 |
| 10.0 | 1336 | 3.0 | | | 0.29 | 2.2 | | 8.0 | 8.0 | 94 | | 1.57 | 97 | | 11.37 | 20.16 | 6.80 |
| 10.0 | 1336 | 4.0 | | | 0.30 | 2.2 | | 8.0 | 8.0 | 94 | | 1.65 | 102 | | 11.41 | 20.14 | 6.82 |
| 10.0 | 1336 | 5.0 | | | 0.29 | 2.2 | | 8.0 | 8.0 | 94 | | 1.73 | 107 | | 11.47 | 20.14 | 6.87 |
| 10.0 | 1336 | 6.0 | | | 0.29 | 2.2 | | 7.9 | 7.9 | 94 | | 1.78 | 110 | | 11.85 | 20.14 | 7.16 |
| 10.0 | 1336 | 7.0 | | | 0.30 | 2.2 | | 7.9 | 7.9 | 94 | | 1.94 | 119 | | 12.36 | 20.14 | 7.55 |
| 10.0 | 1336 | 8.0 | | | 0.30 | 2.3 | | 7.8 | 7.8 | 94 | | 2.13 | 130 | | 12.67 | 20.14 | 7.78 |
| 10.0 | 1336 | 9.0 | | | 0.30 | 2.2 | | 7.8 | 7.8 | 93 | | 2.32 | 141 | | 13.03 | 20.14 | 8.05 |
| 10.0 | 1336 | 10.0 | | | 0.30 | 2.2 | | 7.8 | 7.8 | 93 | | 2.42 | 146 | | 13.28 | 20.15 | 8.24 |
| 10.0 | 1336 | 11.0 | | | 0.30 | 2.2 | | 7.8 | 7.8 | 93 | | 2.49 | 151 | | 13.38 | 20.16 | 8.31 |
| 10.0 | 1336 | 12.0 | | | 0.30 | 2.2 | | 7.8 | 7.8 | 93 | | 2.51 | 152 | | 13.55 | 20.16 | 8.44 |
| 10.0 | 1336 | 13.0 | | | 0.30 | 2.3 | | 7.8 | 7.8 | 93 | | 2.53 | 153 | | 13.71 | 20.17 | 8.56 |
| 10.0 | 1336 | 14.0 | | | 0.31 | 2.3 | | 7.7 | 7.7 | 93 | | 2.44 | 148 | | 14.01 | 20.18 | 8.78 |
| 10.0 | 1336 | 15.0 | | | 0.31 | 2.3 | | 7.7 | 7.7 | 93 | | 2.43 | 147 | | 14.17 | 20.18 | 8.91 |
| 10.0 | 1336 | 16.0 | | | 0.31 | 2.3 | | 7.7 | 7.7 | 93 | | 2.48 | 150 | | 14.40 | 20.19 | 9.08 |
| 10.0 | 1336 | 17.0 | | | 0.31 | 2.3 | | 7.6 | 7.7 | 92 | | 2.58 | 156 | | 14.72 | 20.20 | 9.31 |
| 11.0 | 1310 | 1.0 | | | 0.28 | 2.0 | | 7.5 | 7.5 | 91 | | 1.18 | 75 | 4.6 | 14.70 | 20.36 | 9.26 |
| 11.0 | 1310 | 2.0 | | | 0.27 | 2.0 | | 7.5 | 7.5 | 91 | | 1.26 | 79 | | 15.08 | 20.25 | 9.58 |
| 11.0 | 1310 | 3.0 | | | 0.28 | 2.0 | | 7.5 | 7.5 | 91 | | 1.56 | 97 | | 15.40 | 20.20 | 9.83 |
| 11.0 | 1310 | 4.0 | | | 0.29 | 2.1 | | 7.5 | 7.5 | 91 | | 1.63 | 101 | | 15.48 | 20.21 | 9.89 |
| 11.0 | 1310 | 5.0 | | | 0.29 | 2.2 | | 7.5 | 7.5 | 91 | | 1.73 | 107 | | 15.54 | 20.20 | 9.94 |
| 11.0 | 1310 | 6.0 | | | 0.30 | 2.2 | | 7.5 | 7.5 | 91 | | 1.73 | 107 | | 15.57 | 20.20 | 9.96 |
| 11.0 | 1310 | 7.0 | | | 0.30 | 2.2 | | 7.5 | 7.5 | 91 | | 1.80 | 111 | | 15.90 | 20.19 | 10.21 |
| 11.0 | 1310 | 8.0 | | | 0.30 | 2.2 | | 7.5 | 7.5 | 91 | | 1.90 | 117 | | 16.28 | 20.20 | 10.50 |
| 11.0 | 1310 | 9.0 | | | 0.30 | 2.3 | | 7.4 | 7.4 | 91 | | 2.00 | 122 | | 16.56 | 20.21 | 10.71 |
| 11.0 | 1310 | 10.0 | | | 0.30 | 2.3 | | 7.4 | 7.4 | 91 | | 2.24 | 136 | | 16.98 | 20.21 | 11.02 |
| 11.0 | 1310 | 11.0 | | | 0.30 | 2.2 | | 7.4 | 7.4 | 91 | | 2.39 | 145 | | 17.26 | 20.21 | 11.24 |
| 11.0 | 1310 | 12.0 | | | 0.30 | 2.3 | | 7.4 | 7.4 | 91 | | 2.43 | 147 | | 17.60 | 20.21 | 11.50 |
| 11.0 | 1310 | 13.0 | | | 0.31 | 2.3 | | 7.4 | 7.4 | 91 | | 2.50 | 151 | | 17.93 | 20.20 | 11.75 |
| 11.0 | 1310 | 14.0 | | | 0.32 | 2.4 | | 7.4 | 7.4 | 91 | | 2.63 | 159 | | 18.01 | 20.19 | 11.81 |

North San Francisco Bay

June 10, 1997

97161

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------------|-------|-------|-------|-------|
| 11.0 | 1310 | 15.0 | | | 0.33 | 2.5 | | 7.4 | 7.4 | 91 | | 2.81 | | 18.17 | 20.19 | 11.93 |
| 11.0 | 1310 | 16.0 | | | 0.34 | 2.6 | | 7.3 | 7.4 | 91 | | 2.97 | | 18.23 | 20.18 | 11.98 |
| 11.0 | 1310 | 17.0 | | | 0.33 | 2.6 | | 7.3 | 7.3 | 91 | | 3.36 | | 18.46 | 20.17 | 12.16 |
| 12.0 | 1248 | 1.0 | | | 0.30 | 2.3 | | 7.5 | 7.5 | 92 | | 1.39 | 5.2 | 17.55 | 20.35 | 11.42 |
| 12.0 | 1248 | 2.0 | | | 0.30 | 2.3 | | 7.4 | 7.5 | 92 | | 1.60 | | 17.71 | 20.30 | 11.55 |
| 12.0 | 1248 | 3.0 | | | 0.30 | 2.2 | | 7.4 | 7.4 | 92 | | 1.71 | | 17.97 | 20.25 | 11.76 |
| 12.0 | 1248 | 4.0 | | | 0.31 | 2.3 | | 7.4 | 7.4 | 92 | | 1.87 | | 18.13 | 20.23 | 11.89 |
| 12.0 | 1248 | 5.0 | | | 0.32 | 2.4 | | 7.4 | 7.4 | 92 | | 1.96 | | 18.20 | 20.22 | 11.95 |
| 12.0 | 1248 | 6.0 | | | 0.32 | 2.4 | | 7.4 | 7.4 | 92 | | 1.97 | | 18.24 | 20.21 | 11.97 |
| 12.0 | 1248 | 7.0 | | | 0.33 | 2.5 | | 7.4 | 7.4 | 92 | | 2.01 | | 18.26 | 20.21 | 11.99 |
| 12.0 | 1248 | 8.0 | | | 0.33 | 2.5 | | 7.4 | 7.4 | 92 | | 2.00 | | 18.30 | 20.21 | 12.03 |
| 13.0 | 1217 | 1.0 | | | 0.33 | 2.6 | | 7.4 | 7.4 | 93 | | 1.86 | 5.6 | 21.47 | 19.69 | 14.55 |
| 13.0 | 1217 | 2.0 | 2.7 | 0.44 | 0.34 | 2.6 | 7.4 | 7.5 | 7.5 | 93 | 122.9 | 1.84 | | 21.47 | 19.69 | 14.55 |
| 13.0 | 1217 | 3.0 | | | 0.34 | 2.6 | | 7.4 | 7.4 | 93 | | 1.90 | | 21.47 | 19.68 | 14.55 |
| 13.0 | 1217 | 4.0 | | | 0.34 | 2.6 | | 7.4 | 7.4 | 92 | | 1.88 | | 21.48 | 19.65 | 14.57 |
| 13.0 | 1217 | 5.0 | | | 0.33 | 2.6 | | 7.4 | 7.4 | 92 | | 1.93 | | 21.50 | 19.58 | 14.60 |
| 13.0 | 1217 | 6.0 | | | 0.33 | 2.6 | | 7.4 | 7.4 | 92 | | 2.26 | | 21.57 | 19.51 | 14.67 |
| 13.0 | 1217 | 7.0 | | | 0.34 | 2.6 | | 7.4 | 7.4 | 91 | | 2.37 | | 21.58 | 19.49 | 14.68 |
| 13.0 | 1217 | 8.0 | | | 0.35 | 2.7 | | 7.3 | 7.3 | 91 | | 2.53 | | 21.69 | 19.45 | 14.77 |
| 13.0 | 1217 | 9.0 | | | 0.37 | 3.0 | | 7.3 | 7.4 | 91 | | 4.24 | | 21.94 | 19.39 | 14.98 |
| 13.0 | 1217 | 10.0 | | | 0.40 | 3.2 | | 7.3 | 7.3 | 91 | | 5.39 | | 22.04 | 19.36 | 15.06 |
| 13.0 | 1217 | 11.0 | 3.1 | 0.20 | 0.40 | 3.2 | | 7.4 | 7.4 | 91 | | 5.79 | | 22.09 | 19.35 | 15.10 |
| 14.0 | 1155 | 1.0 | | | 0.26 | 1.9 | | 7.4 | 7.4 | 93 | | 0.87 | 4.0 | 22.64 | 19.25 | 15.55 |
| 14.0 | 1155 | 2.0 | | | 0.26 | 1.8 | | 7.3 | 7.3 | 91 | | 0.93 | | 23.15 | 19.06 | 15.98 |
| 14.0 | 1155 | 3.0 | | | 0.27 | 1.9 | | 7.3 | 7.3 | 91 | | 1.20 | | 23.74 | 18.91 | 16.46 |
| 14.0 | 1155 | 4.0 | | | 0.28 | 2.0 | | 7.3 | 7.3 | 91 | | 1.27 | | 24.02 | 18.82 | 16.69 |
| 14.0 | 1155 | 5.0 | | | 0.28 | 2.0 | | 7.3 | 7.3 | 91 | | 1.28 | | 24.23 | 18.79 | 16.86 |
| 14.0 | 1155 | 6.0 | | | 0.28 | 2.1 | | 7.3 | 7.3 | 91 | | 1.37 | | 24.51 | 18.73 | 17.09 |
| 14.0 | 1155 | 7.0 | | | 0.29 | 2.1 | | 7.2 | 7.3 | 90 | | 1.57 | | 24.69 | 18.69 | 17.24 |
| 14.0 | 1155 | 8.0 | | | 0.29 | 2.2 | | 7.3 | 7.3 | 90 | | 1.63 | | 24.86 | 18.66 | 17.37 |
| 14.0 | 1155 | 9.0 | | | 0.29 | 2.1 | | 7.3 | 7.3 | 90 | | 1.84 | | 25.05 | 18.61 | 17.53 |
| 14.0 | 1155 | 10.0 | | | 0.29 | 2.1 | | 7.2 | 7.2 | 90 | | 1.96 | | 25.20 | 18.57 | 17.65 |
| 14.0 | 1155 | 11.0 | | | 0.30 | 2.2 | | 7.3 | 7.3 | 90 | | 2.11 | | 25.31 | 18.55 | 17.74 |
| 14.0 | 1155 | 12.0 | | | 0.30 | 2.3 | | 7.3 | 7.3 | 90 | | 2.20 | | 25.39 | 18.53 | 17.81 |
| 14.0 | 1155 | 13.0 | | | 0.28 | 2.0 | | 7.2 | 7.2 | 90 | | 2.34 | | 25.50 | 18.51 | 17.90 |
| 14.0 | 1155 | 14.0 | | | 0.27 | 1.9 | | 7.2 | 7.2 | 89 | | 3.02 | | 25.41 | 18.50 | 17.83 |
| 15.0 | 1130 | 1.0 | | | 0.27 | 2.0 | | 7.4 | 7.4 | 92 | | 1.01 | 3.9 | 22.53 | 18.95 | 15.54 |
| 15.0 | 1130 | 2.0 | 1.6 | 0.34 | 0.27 | 2.0 | 7.5 | 7.5 | 7.5 | 92 | | 1.44 | | 22.98 | 18.73 | 15.92 |
| 15.0 | 1130 | 3.0 | | | 0.28 | 2.1 | | 7.4 | 7.4 | 92 | | 1.67 | | 23.17 | 18.65 | 16.09 |

North San Francisco Bay

June 10, 1997

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| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 15.0 | 1130 | 4.0 | | | 0.29 | 2.1 | | 7.4 | 7.4 | 91 | | 1.85 | 114 | | 23.90 | 18.49 | 16.68 |
| 15.0 | 1130 | 5.0 | | | 0.29 | 2.1 | | 7.4 | 7.4 | 91 | | 2.33 | 142 | | 24.39 | 18.44 | 17.06 |
| 15.0 | 1130 | 6.0 | | | 0.29 | 2.1 | | 7.4 | 7.4 | 92 | | 2.39 | 145 | | 24.42 | 18.44 | 17.09 |
| 15.0 | 1130 | 7.0 | | | 0.29 | 2.1 | | 7.4 | 7.4 | 92 | | 2.23 | 136 | | 24.56 | 18.47 | 17.18 |
| 15.0 | 1130 | 8.0 | | | 0.28 | 2.0 | | 7.4 | 7.4 | 92 | | 2.04 | 125 | | 24.66 | 18.46 | 17.27 |
| 15.0 | 1130 | 9.0 | | | 0.27 | 2.0 | | 7.4 | 7.4 | 91 | | 1.87 | 115 | | 24.78 | 18.45 | 17.36 |
| 15.0 | 1130 | 10.0 | | | 0.26 | 1.9 | | 7.3 | 7.3 | 91 | | 1.54 | 96 | | 25.21 | 18.37 | 17.70 |
| 15.0 | 1130 | 11.0 | | | 0.26 | 1.9 | | 7.3 | 7.3 | 90 | | 1.19 | 76 | | 25.89 | 18.23 | 18.25 |
| 15.0 | 1130 | 12.0 | | | 0.27 | 1.9 | | 7.2 | 7.2 | 90 | | 1.63 | 101 | | 26.40 | 18.18 | 18.66 |
| 15.0 | 1130 | 13.0 | | | 0.28 | 2.1 | | 7.2 | 7.2 | 90 | | 2.14 | 131 | | 26.52 | 18.16 | 18.75 |
| 15.0 | 1130 | 14.0 | | | 0.30 | 2.3 | | 7.1 | 7.1 | 89 | | 2.41 | 146 | | 26.70 | 18.11 | 18.90 |
| 15.0 | 1130 | 15.0 | | | 0.32 | 2.4 | | 7.2 | 7.2 | 89 | | 3.32 | 198 | | 27.06 | 18.01 | 19.20 |
| 15.0 | 1130 | 16.0 | | | 0.32 | 2.5 | | 7.1 | 7.1 | 89 | | 3.32 | 199 | | 27.07 | 18.01 | 19.21 |
| 15.0 | 1130 | 17.0 | | | 0.34 | 2.6 | | 7.1 | 7.1 | 88 | | 3.46 | 207 | | 27.14 | 17.99 | 19.27 |
| 15.0 | 1130 | 18.0 | | | 0.35 | 2.7 | | 7.1 | 7.1 | 88 | | 3.78 | 225 | | 27.38 | 17.91 | 19.47 |
| 15.0 | 1130 | 19.0 | | | 0.36 | 2.8 | | 7.0 | 7.0 | 88 | | 4.12 | 245 | | 27.54 | 17.85 | 19.61 |
| 15.0 | 1130 | 20.0 | | | 0.38 | 3.0 | | 7.0 | 7.0 | 87 | | 4.81 | 285 | | 27.69 | 17.79 | 19.74 |
| 15.0 | 1130 | 21.0 | | | 0.40 | 3.2 | | 7.0 | 7.0 | 87 | | 5.37 | 317 | | 27.81 | 17.74 | 19.84 |
| 15.0 | 1130 | 22.0 | | | 0.42 | 3.4 | | 7.0 | 7.0 | 87 | | 6.09 | 359 | | 27.91 | 17.71 | 19.92 |
| 15.0 | 1130 | 23.0 | | | 0.42 | 3.4 | | 7.0 | 7.0 | 88 | | 6.54 | 385 | | 27.96 | 17.69 | 19.96 |
| 16.0 | 1058 | 1.0 | | | 0.25 | 1.8 | | 7.5 | 7.5 | 93 | | 0.79 | 52 | 3.0 | 25.22 | 18.28 | 17.74 |
| 16.0 | 1058 | 2.0 | | | 0.24 | 1.7 | | 7.4 | 7.4 | 91 | 49.9 | 0.77 | 51 | | 25.42 | 18.22 | 17.90 |
| 16.0 | 1058 | 3.0 | | | 0.22 | 1.5 | | 7.3 | 7.3 | 91 | | 0.81 | 54 | | 25.99 | 18.05 | 18.38 |
| 16.0 | 1058 | 4.0 | | | 0.22 | 1.4 | | 7.3 | 7.3 | 90 | | 0.90 | 59 | | 26.29 | 17.98 | 18.62 |
| 16.0 | 1058 | 5.0 | | | 0.22 | 1.5 | | 7.3 | 7.3 | 90 | | 0.99 | 64 | | 26.46 | 17.95 | 18.76 |
| 16.0 | 1058 | 6.0 | | | 0.23 | 1.5 | | 7.3 | 7.3 | 90 | | 1.04 | 67 | | 26.56 | 17.93 | 18.84 |
| 16.0 | 1058 | 7.0 | | | 0.23 | 1.6 | | 7.2 | 7.2 | 90 | | 1.04 | 67 | | 26.58 | 17.93 | 18.85 |
| 16.0 | 1058 | 8.0 | | | 0.23 | 1.6 | | 7.2 | 7.2 | 90 | | 1.10 | 71 | | 26.74 | 17.89 | 18.98 |
| 16.0 | 1058 | 9.0 | | | 0.23 | 1.6 | | 7.2 | 7.2 | 90 | | 1.12 | 72 | | 26.85 | 17.86 | 19.07 |
| 16.0 | 1058 | 10.0 | | | 0.23 | 1.6 | | 7.2 | 7.2 | 89 | | 1.16 | 74 | | 26.90 | 17.84 | 19.12 |
| 16.0 | 1058 | 11.0 | | | 0.23 | 1.5 | | 7.2 | 7.2 | 90 | | 1.20 | 76 | | 26.94 | 17.83 | 19.15 |
| 17.0 | 1030 | 1.0 | | | 0.23 | 1.6 | | 7.0 | 7.0 | 87 | | 0.36 | 27 | 1.9 | 28.55 | 17.14 | 20.54 |
| 17.0 | 1030 | 2.0 | | | 0.23 | 1.5 | | 7.0 | 7.0 | 86 | | 0.38 | 29 | | 28.62 | 17.12 | 20.60 |
| 17.0 | 1030 | 3.0 | | | 0.23 | 1.6 | | 7.0 | 7.0 | 86 | | 0.40 | 30 | | 28.75 | 17.07 | 20.71 |
| 17.0 | 1030 | 4.0 | | | 0.24 | 1.6 | | 6.9 | 6.9 | 86 | | 0.41 | 31 | | 28.84 | 17.03 | 20.79 |
| 17.0 | 1030 | 5.0 | | | 0.24 | 1.6 | | 6.9 | 6.9 | 86 | | 0.44 | 32 | | 28.95 | 16.98 | 20.88 |
| 17.0 | 1030 | 6.0 | | | 0.24 | 1.7 | | 6.9 | 6.9 | 86 | | 0.47 | 34 | | 29.03 | 16.95 | 20.95 |
| 17.0 | 1030 | 7.0 | | | 0.25 | 1.8 | | 7.0 | 7.0 | 86 | | 0.49 | 35 | | 29.06 | 16.95 | 20.97 |
| 17.0 | 1030 | 8.0 | | | 0.25 | 1.8 | | 6.9 | 6.9 | 86 | | 0.53 | 38 | | 29.06 | 16.95 | 20.98 |
| 17.0 | 1030 | 9.0 | | | 0.26 | 1.8 | | 6.9 | 6.9 | 86 | | 0.56 | 39 | | 29.07 | 16.95 | 20.98 |
| 17.0 | 1030 | 10.0 | | | 0.26 | 1.8 | | 6.9 | 6.9 | 86 | | 0.58 | 40 | | 29.08 | 16.95 | 20.99 |

North San Francisco Bay

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| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | CALC SPM | EXCOF | SALIN | TEMP | SGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------------|-------------|-------|-------|-------|-------|
| 17.0 | 1030 | 11.0 | | | 0.26 | 1.8 | | 6.9 | 6.9 | 85 | | 0.61 | 42 | | 29.12 | 16.93 | 21.02 |
| 17.0 | 1030 | 12.0 | | | 0.26 | 1.9 | | 6.8 | 6.8 | 84 | | 0.62 | 43 | | 29.19 | 16.90 | 21.08 |
| 17.0 | 1030 | 13.0 | | | 0.27 | 1.9 | | 6.8 | 6.8 | 84 | | 0.66 | 45 | | 29.45 | 16.75 | 21.32 |
| 17.0 | 1030 | 14.0 | | | 0.28 | 2.1 | | 6.8 | 6.8 | 84 | | 0.78 | 52 | | 29.65 | 16.62 | 21.50 |
| 17.0 | 1030 | 15.0 | | | 0.29 | 2.1 | | 6.8 | 6.8 | 84 | | 0.91 | 59 | | 29.66 | 16.62 | 21.51 |
| 17.0 | 1030 | 16.0 | | | 0.29 | 2.1 | | 6.8 | 6.8 | 84 | | 1.00 | 65 | | 29.68 | 16.60 | 21.53 |
| 17.0 | 1030 | 17.0 | | | 0.28 | 2.1 | | 6.8 | 6.8 | 84 | | 1.06 | 68 | | 29.68 | 16.60 | 21.53 |
| 17.0 | 1030 | 18.0 | | | 0.28 | 2.1 | | 6.9 | 6.9 | 85 | | 1.07 | 69 | | 29.67 | 16.61 | 21.52 |
| 17.0 | 1030 | 19.0 | | | 0.29 | 2.1 | | 6.9 | 6.9 | 85 | | 1.07 | 69 | | 29.65 | 16.63 | 21.50 |
| 17.0 | 1030 | 20.0 | | | 0.28 | 2.1 | | 6.9 | 6.9 | 85 | | 1.04 | 67 | | 29.61 | 16.65 | 21.46 |
| 17.0 | 1030 | 21.0 | | | 0.28 | 2.0 | | 6.9 | 6.9 | 85 | | 1.01 | 65 | | 29.59 | 16.66 | 21.45 |
| 17.0 | 1030 | 22.0 | | | 0.28 | 2.1 | | 6.9 | 6.9 | 85 | | 0.99 | 64 | | 29.58 | 16.67 | 21.43 |
| 17.0 | 1030 | 23.0 | | | 0.28 | 2.1 | | 6.9 | 6.9 | 85 | | 1.00 | 65 | | 29.58 | 16.67 | 21.43 |
| 17.0 | 1030 | 24.0 | | | 0.28 | 2.1 | | 6.9 | 6.9 | 85 | | 0.98 | 64 | | 29.57 | 16.67 | 21.43 |
| 17.0 | 1030 | 25.0 | | | 0.28 | 2.0 | | 6.9 | 6.9 | 85 | | 0.96 | 62 | | 29.54 | 16.69 | 21.40 |
| 17.0 | 1030 | 26.0 | | | 0.29 | 2.1 | | 6.8 | 6.8 | 84 | | 0.94 | 61 | | 29.53 | 16.70 | 21.39 |
| 17.0 | 1030 | 27.0 | | | 0.29 | 2.1 | | 6.8 | 6.8 | 84 | | 0.96 | 63 | | 29.69 | 16.59 | 21.53 |
| 17.0 | 1030 | 28.0 | | | 0.29 | 2.1 | | 6.8 | 6.8 | 84 | | 1.02 | 66 | | 29.77 | 16.54 | 21.61 |
| 17.0 | 1030 | 29.0 | | | 0.29 | 2.2 | | 6.8 | 6.8 | 84 | | 1.01 | 65 | | 29.80 | 16.52 | 21.64 |
| 17.0 | 1030 | 30.0 | | | 0.29 | 2.2 | | 6.9 | 6.9 | 84 | | 1.04 | 67 | | 29.78 | 16.53 | 21.62 |
| 17.0 | 1030 | 31.0 | | | 0.30 | 2.2 | | 6.8 | 6.8 | 83 | | 1.05 | 67 | | 29.78 | 16.53 | 21.62 |
| 17.0 | 1030 | 32.0 | | | 0.30 | 2.3 | | 6.8 | 6.8 | 83 | | 1.12 | 72 | | 29.95 | 16.42 | 21.77 |
| 17.0 | 1030 | 33.0 | | | 0.30 | 2.2 | | 6.8 | 6.8 | 84 | | 1.20 | 76 | | 30.11 | 16.30 | 21.93 |
| 18.0 | 1007 | 1.0 | | | 0.27 | 1.9 | | 6.8 | 6.8 | 83 | | 0.79 | 53 | 3.2 | 30.32 | 16.00 | 22.15 |
| 18.0 | 1007 | 2.0 | 2.0 | 0.31 | 0.27 | 1.9 | 6.8 | 6.8 | 6.8 | 83 | 63.8 | 0.69 | 47 | | 30.43 | 15.93 | 22.25 |
| 18.0 | 1007 | 3.0 | | | 0.28 | 2.0 | 6.8 | 6.8 | 6.8 | 83 | | 0.70 | 47 | | 30.43 | 15.93 | 22.25 |
| 18.0 | 1007 | 4.0 | | | 0.29 | 2.1 | 6.8 | 6.8 | 6.8 | 83 | | 0.68 | 46 | | 30.44 | 15.91 | 22.27 |
| 18.0 | 1007 | 5.0 | | | 0.29 | 2.1 | 6.8 | 6.8 | 6.8 | 83 | | 0.66 | 45 | | 30.44 | 15.92 | 22.27 |
| 18.0 | 1007 | 6.0 | | | 0.29 | 2.1 | 6.8 | 6.8 | 6.8 | 83 | | 0.62 | 43 | | 30.47 | 15.90 | 22.28 |
| 18.0 | 1007 | 7.0 | | | 0.29 | 2.1 | 6.8 | 6.8 | 6.8 | 83 | | 0.61 | 42 | | 30.47 | 15.90 | 22.29 |
| 18.0 | 1007 | 8.0 | | | 0.29 | 2.1 | 6.8 | 6.8 | 6.8 | 83 | | 0.63 | 43 | | 30.48 | 15.89 | 22.30 |
| 18.0 | 1007 | 9.0 | | | 0.30 | 2.3 | 6.8 | 6.8 | 6.8 | 83 | | 0.66 | 45 | | 30.47 | 15.90 | 22.29 |
| 18.0 | 1007 | 10.0 | | | 0.31 | 2.3 | 6.8 | 6.8 | 6.8 | 83 | | 0.67 | 45 | | 30.47 | 15.89 | 22.29 |
| 18.0 | 1007 | 11.0 | | | 0.31 | 2.3 | 6.8 | 6.8 | 6.8 | 83 | | 0.66 | 45 | | 30.50 | 15.87 | 22.32 |
| 18.0 | 1007 | 12.0 | | | 0.31 | 2.3 | 6.8 | 6.8 | 6.8 | 83 | | 0.64 | 44 | | 30.51 | 15.86 | 22.33 |
| 18.0 | 1007 | 13.0 | | | 0.30 | 2.3 | 6.8 | 6.8 | 6.8 | 83 | | 0.61 | 42 | | 30.50 | 15.87 | 22.32 |
| 18.0 | 1007 | 14.0 | | | 0.29 | 2.2 | 6.8 | 6.8 | 6.8 | 83 | | 0.62 | 43 | | 30.50 | 15.87 | 22.32 |
| 18.0 | 1007 | 15.0 | | | 0.29 | 2.2 | 6.8 | 6.8 | 6.8 | 83 | | 0.62 | 43 | | 30.50 | 15.87 | 22.32 |
| 18.0 | 1007 | 16.0 | | | 0.29 | 2.2 | 6.9 | 6.9 | 6.9 | 84 | | 0.60 | 42 | | 30.50 | 15.87 | 22.32 |
| 18.0 | 1007 | 17.0 | | | 0.29 | 2.1 | 6.8 | 6.8 | 6.8 | 84 | | 0.62 | 42 | | 30.50 | 15.87 | 22.32 |
| 18.0 | 1007 | 18.0 | | | 0.30 | 2.3 | 6.8 | 6.8 | 6.8 | 83 | | 0.61 | 42 | | 30.51 | 15.87 | 22.32 |
| 18.0 | 1007 | 19.0 | | | 0.32 | 2.4 | 6.8 | 6.8 | 6.8 | 82 | | 0.60 | 42 | | 30.50 | 15.87 | 22.32 |

North San Francisco Bay

June 10, 1997

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| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 18.0 | 1007 | 20.0 | | | 0.32 | 2.4 | | 6.8 | 6.7 | 82 | | 0.62 | 43 | | 30.60 | 15.80 | 22.41 |
| 18.0 | 1007 | 21.0 | | | 0.33 | 2.6 | | 6.8 | 6.8 | 83 | | 0.69 | 47 | | 30.74 | 15.69 | 22.55 |
| 18.0 | 1007 | 22.0 | | | 0.33 | 2.5 | | 6.8 | 6.8 | 83 | | 0.79 | 52 | | 30.74 | 15.69 | 22.54 |
| 18.0 | 1007 | 23.0 | | | 0.32 | 2.5 | | 6.8 | 6.8 | 83 | | 0.79 | 52 | | 30.76 | 15.67 | 22.56 |
| 18.0 | 1007 | 24.0 | | | 0.32 | 2.4 | | 6.8 | 6.8 | 82 | | 0.79 | 52 | | 30.75 | 15.68 | 22.55 |
| 18.0 | 1007 | 25.0 | | | 0.32 | 2.4 | | 6.8 | 6.8 | 83 | | 0.79 | 53 | | 30.78 | 15.66 | 22.58 |
| 18.0 | 1007 | 26.0 | | | 0.33 | 2.6 | | 6.8 | 6.8 | 82 | | 0.79 | 52 | | 30.81 | 15.64 | 22.60 |
| 18.0 | 1007 | 27.0 | | | 0.33 | 2.5 | | 6.8 | 6.8 | 83 | | 0.80 | 53 | | 30.81 | 15.64 | 22.61 |
| 18.0 | 1007 | 28.0 | | | 0.32 | 2.4 | | 6.8 | 6.8 | 83 | | 0.78 | 52 | | 30.81 | 15.64 | 22.61 |
| 18.0 | 1007 | 29.0 | | | 0.32 | 2.4 | | 6.8 | 6.8 | 83 | | 0.78 | 52 | | 30.82 | 15.63 | 22.62 |
| 18.0 | 1007 | 30.0 | | | 0.32 | 2.4 | | 6.8 | 6.8 | 83 | | 0.78 | 52 | | 30.82 | 15.63 | 22.62 |
| 18.0 | 1007 | 31.0 | | | 0.32 | 2.4 | | 6.8 | 6.8 | 83 | | 0.78 | 52 | | 30.84 | 15.61 | 22.64 |
| 18.0 | 1007 | 32.0 | | | 0.33 | 2.5 | | 6.8 | 6.8 | 82 | | 0.79 | 52 | | 30.89 | 15.58 | 22.68 |
| 18.0 | 1007 | 33.0 | | | 0.33 | 2.6 | | 6.7 | 6.7 | 82 | | 0.80 | 53 | | 30.88 | 15.58 | 22.67 |
| 18.0 | 1007 | 34.0 | | | 0.33 | 2.6 | | 6.7 | 6.7 | 82 | | 0.82 | 54 | | 30.97 | 15.52 | 22.75 |
| 18.0 | 1007 | 35.0 | | | 0.33 | 2.6 | | 6.8 | 6.8 | 82 | | 0.85 | 56 | | 31.05 | 15.45 | 22.83 |
| 18.0 | 1007 | 36.0 | | | 0.33 | 2.6 | | 6.8 | 6.8 | 82 | | 0.88 | 58 | | 31.05 | 15.45 | 22.83 |
| 18.0 | 1007 | 37.0 | | | 0.34 | 2.6 | | 6.8 | 6.8 | 82 | | 0.91 | 59 | | 31.04 | 15.46 | 22.82 |
| 18.0 | 1007 | 38.0 | | | 0.34 | 2.6 | | 6.8 | 6.8 | 82 | | 0.92 | 60 | | 31.03 | 15.47 | 22.81 |
| 18.0 | 1007 | 39.0 | | | 0.33 | 2.6 | | 6.8 | 6.8 | 82 | | 0.90 | 59 | | 31.03 | 15.47 | 22.82 |
| 20.0 | 0948 | 1.0 | | | 0.21 | 1.4 | | 6.6 | 6.6 | 83 | | 0.17 | 16 | 1.1 | 30.08 | 17.53 | 21.62 |
| 20.0 | 0948 | 2.0 | | | 0.21 | 1.4 | | 6.6 | 6.6 | 83 | | 0.17 | 16 | | 30.09 | 17.50 | 21.64 |
| 20.0 | 0948 | 3.0 | | | 0.21 | 1.4 | | 6.6 | 6.6 | 83 | | 0.17 | 16 | | 30.09 | 17.50 | 21.64 |
| 20.0 | 0948 | 4.0 | | | 0.21 | 1.4 | | 6.6 | 6.6 | 83 | | 0.17 | 16 | | 30.09 | 17.50 | 21.64 |
| 20.0 | 0948 | 5.0 | | | 0.21 | 1.4 | | 6.6 | 6.6 | 83 | | 0.16 | 16 | | 30.10 | 17.48 | 21.65 |
| 20.0 | 0948 | 6.0 | | | 0.20 | 1.3 | | 6.6 | 6.6 | 83 | | 0.16 | 16 | | 30.12 | 17.45 | 21.67 |
| 20.0 | 0948 | 7.0 | | | 0.21 | 1.4 | | 6.6 | 6.6 | 83 | | 0.17 | 16 | | 30.12 | 17.44 | 21.67 |
| 20.0 | 0948 | 8.0 | | | 0.21 | 1.4 | | 6.6 | 6.6 | 83 | | 0.18 | 17 | | 30.13 | 17.43 | 21.68 |
| 20.0 | 0948 | 9.0 | | | 0.21 | 1.4 | | 6.6 | 6.6 | 83 | | 0.18 | 17 | | 30.13 | 17.43 | 21.68 |
| 20.0 | 0948 | 10.0 | | | 0.21 | 1.4 | | 6.6 | 6.6 | 83 | | 0.18 | 17 | | 30.14 | 17.40 | 21.70 |
| 20.0 | 0948 | 11.0 | | | 0.22 | 1.5 | | 6.6 | 6.6 | 82 | | 0.18 | 17 | | 30.15 | 17.38 | 21.71 |
| 20.0 | 0948 | 12.0 | | | 0.23 | 1.6 | | 6.6 | 6.6 | 82 | | 0.18 | 17 | | 30.17 | 17.35 | 21.73 |
| 20.0 | 0948 | 13.0 | | | 0.23 | 1.6 | | 6.6 | 6.6 | 82 | | 0.18 | 17 | | 30.19 | 17.30 | 21.76 |
| 20.0 | 0948 | 14.0 | | | 0.23 | 1.6 | | 6.6 | 6.6 | 82 | | 0.19 | 17 | | 30.19 | 17.29 | 21.76 |
| 20.0 | 0948 | 15.0 | | | 0.24 | 1.6 | | 6.6 | 6.6 | 82 | | 0.19 | 18 | | 30.19 | 17.29 | 21.76 |
| 20.0 | 0948 | 16.0 | | | 0.24 | 1.7 | | 6.5 | 6.5 | 82 | | 0.19 | 18 | | 30.20 | 17.27 | 21.78 |
| 20.0 | 0948 | 17.0 | | | 0.24 | 1.7 | | 6.6 | 6.6 | 82 | | 0.20 | 18 | | 30.25 | 17.17 | 21.83 |
| 20.0 | 0948 | 18.0 | | | 0.24 | 1.6 | | 6.6 | 6.6 | 82 | | 0.20 | 19 | | 30.27 | 17.14 | 21.85 |
| 20.0 | 0948 | 19.0 | | | 0.24 | 1.6 | | 6.6 | 6.6 | 82 | | 0.21 | 19 | | 30.28 | 17.12 | 21.87 |
| 20.0 | 0948 | 20.0 | | | 0.24 | 1.6 | | 6.6 | 6.6 | 82 | | 0.21 | 19 | | 30.29 | 17.10 | 21.88 |
| 20.0 | 0948 | 21.0 | | | 0.24 | 1.7 | | 6.6 | 6.6 | 82 | | 0.21 | 19 | | 30.30 | 17.08 | 21.89 |
| 20.0 | 0948 | 22.0 | | | 0.25 | 1.7 | | 6.6 | 6.6 | 82 | | 0.21 | 19 | | 30.31 | 17.06 | 21.91 |

| North San Francisco Bay | | | | | | | | | | June 10, 1997 | | | | | 97161 | | | | |
|-------------------------------|------|-------|-------|-------|--------|-------|-------|------|-------|---------------|----------------|--------|-----|--------|-------|-----------|-------|------|------|
| STN | TIME | DEPTH | DISCR | | CHL a/ | FLUOR | CALC | | DISCR | CALC | % OXY | DISCR | OBS | CALC | EXCOF | SALIN | TEMP | SIGT | |
| | | | CHL a | CHL a | | | CHL a | OXYG | | | | | | | | | | | OXYG |
| 20.0 | 0948 | 23.0 | | | 0.24 | 1.7 | | 6.6 | 6.6 | 82 | | 0.22 | 19 | | 30.31 | 17.05 | 21.91 | | |
| 20.0 | 0948 | 24.0 | | | 0.24 | 1.7 | | 6.6 | 6.6 | 82 | | 0.22 | 19 | | 30.32 | 17.04 | 21.92 | | |
| 20.0 | 0948 | 25.0 | | | 0.24 | 1.7 | | 6.6 | 6.6 | 82 | | 0.23 | 20 | | 30.34 | 17.00 | 21.94 | | |
| 20.0 | 0948 | 26.0 | | | 0.24 | 1.7 | | 6.6 | 6.6 | 82 | | 0.23 | 20 | | 30.36 | 16.96 | 21.97 | | |
| 20.0 | 0948 | 27.0 | | | 0.24 | 1.7 | | 6.6 | 6.6 | 82 | | 0.23 | 20 | | 30.37 | 16.95 | 21.98 | | |
| 20.0 | 0948 | 28.0 | | | 0.24 | 1.7 | | 6.6 | 6.6 | 82 | | 0.24 | 20 | | 30.38 | 16.93 | 21.99 | | |
| 20.0 | 0948 | 29.0 | | | 0.24 | 1.7 | | 6.6 | 6.6 | 82 | | 0.24 | 21 | | 30.38 | 16.92 | 21.99 | | |
| | | | | | | | | | | n | r ² | Slope | | Inter. | | Std. Err. | | | |
| Fluorometer Calibration: | | | | | | | | | | 13 | 0.815 | 9.615 | | -0.640 | | 0.279 | | | |
| OBS Calibration: | | | | | | | | | | 7 | 0.884 | 57.847 | | 6.715 | | 11.269 | | | |
| Dissolved Oxygen Calibration: | | | | | | | | | | 7 | 0.919 | 1.009 | | -0.067 | | 0.197 | | | |

SeaBird v4.026

97161

June 10, 1997

South San Francisco Bay

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 36.0 | 0627 | 1.0 | | | 0.33 | 1.7 | | 6.8 | 6.7 | 86 | | 0.43 | 24 | 2.3 | 24.72 | 20.26 | 16.88 |
| 36.0 | 0627 | 2.0 | 1.9 | 0.72 | 0.32 | 1.7 | 6.6 | 6.8 | 6.8 | 87 | 23.8 | 0.43 | 24 | | 24.85 | 20.39 | 16.94 |
| 36.0 | 0627 | 3.0 | | | 0.30 | 1.6 | | 6.7 | 6.7 | 86 | | 0.42 | 23 | | 25.19 | 20.60 | 17.15 |
| 36.0 | 0627 | 4.0 | | | 0.30 | 1.6 | | 6.7 | 6.7 | 86 | | 0.40 | 22 | | 25.23 | 20.60 | 17.17 |
| 36.0 | 0627 | 5.0 | | | 0.29 | 1.5 | | 6.7 | 6.6 | 86 | | 0.40 | 22 | | 25.26 | 20.63 | 17.19 |
| 36.0 | 0627 | 6.0 | | | 0.28 | 1.5 | | 6.7 | 6.6 | 86 | | 0.41 | 23 | | 25.33 | 20.68 | 17.23 |
| 36.0 | 0627 | 7.0 | | | 0.27 | 1.5 | | 6.6 | 6.6 | 85 | | 0.40 | 22 | | 25.38 | 20.72 | 17.26 |
| 36.0 | 0627 | 8.0 | 1.3 | 0.71 | 0.28 | 1.5 | | 6.6 | 6.6 | 85 | | 0.40 | 22 | | 25.41 | 20.73 | 17.28 |
| 34.0 | 0647 | 1.0 | | | 0.38 | 2.0 | | 6.6 | 6.6 | 86 | | 0.47 | 26 | 2.1 | 26.20 | 20.95 | 17.83 |
| 34.0 | 0647 | 2.0 | | | 0.38 | 2.0 | | 6.7 | 6.6 | 86 | | 0.47 | 26 | | 26.21 | 20.90 | 17.84 |
| 34.0 | 0647 | 3.0 | | | 0.39 | 2.0 | | 6.7 | 6.6 | 86 | | 0.48 | 26 | | 26.21 | 20.90 | 17.85 |
| 34.0 | 0647 | 4.0 | | | 0.39 | 2.0 | | 6.7 | 6.6 | 86 | | 0.52 | 29 | | 26.21 | 20.90 | 17.85 |
| 34.0 | 0647 | 5.0 | | | 0.40 | 2.0 | | 6.7 | 6.6 | 86 | | 0.55 | 30 | | 26.22 | 20.90 | 17.85 |
| 34.0 | 0647 | 6.0 | | | 0.41 | 2.1 | | 6.7 | 6.6 | 86 | | 0.60 | 32 | | 26.22 | 20.90 | 17.85 |
| 34.0 | 0647 | 7.0 | | | 0.42 | 2.1 | | 6.7 | 6.6 | 87 | | 0.65 | 35 | | 26.22 | 20.90 | 17.85 |
| 32.0 | 0706 | 1.0 | | | 0.31 | 1.6 | | 6.7 | 6.6 | 86 | | 0.34 | 19 | 1.9 | 26.33 | 20.55 | 18.02 |
| 32.0 | 0706 | 2.0 | 1.7 | 0.66 | 0.31 | 1.6 | 6.6 | 6.7 | 6.6 | 86 | | 0.36 | 20 | | 26.37 | 20.59 | 18.04 |
| 32.0 | 0706 | 3.0 | | | 0.31 | 1.6 | | 6.7 | 6.6 | 87 | | 0.37 | 21 | | 26.42 | 20.64 | 18.07 |
| 32.0 | 0706 | 4.0 | | | 0.31 | 1.6 | | 6.7 | 6.6 | 87 | | 0.37 | 21 | | 26.44 | 20.66 | 18.08 |
| 32.0 | 0706 | 5.0 | | | 0.31 | 1.7 | | 6.7 | 6.6 | 86 | | 0.38 | 21 | | 26.49 | 20.70 | 18.11 |
| 32.0 | 0706 | 6.0 | | | 0.32 | 1.7 | | 6.7 | 6.6 | 86 | | 0.40 | 22 | | 26.51 | 20.70 | 18.13 |
| 32.0 | 0706 | 7.0 | | | 0.33 | 1.7 | | 6.7 | 6.6 | 86 | | 0.41 | 23 | | 26.52 | 20.71 | 18.13 |
| 32.0 | 0706 | 8.0 | | | 0.33 | 1.7 | | 6.7 | 6.6 | 86 | | 0.44 | 24 | | 26.55 | 20.71 | 18.15 |
| 32.0 | 0706 | 9.0 | | | 0.33 | 1.7 | | 6.6 | 6.6 | 86 | | 0.51 | 28 | | 26.56 | 20.71 | 18.16 |
| 32.0 | 0706 | 10.0 | | | 0.33 | 1.7 | | 6.6 | 6.6 | 86 | | 0.53 | 34 | | 26.56 | 20.71 | 18.16 |
| 32.0 | 0706 | 11.0 | | | 0.33 | 1.7 | | 6.6 | 6.5 | 86 | | 0.72 | 38 | | 26.57 | 20.71 | 18.16 |
| 32.0 | 0706 | 12.0 | 1.8 | 0.38 | 0.33 | 1.7 | | 6.6 | 6.6 | 86 | | 0.79 | 42 | | 26.57 | 20.71 | 18.16 |
| 30.0 | 0729 | 1.0 | | | 0.21 | 1.2 | | 6.7 | 6.6 | 86 | | 0.19 | 12 | 1.2 | 27.11 | 20.32 | 18.68 |
| 30.0 | 0729 | 2.0 | 1.3 | 0.73 | 0.21 | 1.2 | 6.6 | 6.7 | 6.6 | 86 | 10.1 | 0.16 | 10 | | 27.11 | 20.32 | 18.68 |
| 30.0 | 0729 | 3.0 | | | 0.21 | 1.2 | | 6.7 | 6.6 | 86 | | 0.16 | 10 | | 27.11 | 20.32 | 18.68 |
| 30.0 | 0729 | 4.0 | | | 0.21 | 1.2 | | 6.7 | 6.6 | 86 | | 0.16 | 10 | | 27.11 | 20.32 | 18.67 |
| 30.0 | 0729 | 5.0 | | | 0.21 | 1.1 | | 6.7 | 6.6 | 86 | | 0.16 | 10 | | 27.15 | 20.33 | 18.70 |
| 30.0 | 0729 | 6.0 | | | 0.21 | 1.2 | | 6.7 | 6.6 | 86 | | 0.19 | 12 | | 27.17 | 20.33 | 18.72 |
| 30.0 | 0729 | 7.0 | | | 0.22 | 1.2 | | 6.7 | 6.6 | 86 | | 0.28 | 17 | | 27.19 | 20.33 | 18.74 |
| 30.0 | 0729 | 8.0 | | | 0.23 | 1.3 | | 6.7 | 6.6 | 86 | | 0.47 | 26 | | 27.23 | 20.33 | 18.76 |
| 30.0 | 0729 | 9.0 | | | 0.23 | 1.3 | | 6.7 | 6.6 | 86 | | 0.67 | 36 | | 27.24 | 20.33 | 18.77 |
| 30.0 | 0729 | 10.0 | | | 0.24 | 1.3 | | 6.7 | 6.6 | 86 | | 0.76 | 41 | | 27.25 | 20.33 | 18.78 |
| 30.0 | 0729 | 11.0 | | | 0.25 | 1.3 | | 6.6 | 6.6 | 86 | | 0.94 | 49 | | 27.26 | 20.33 | 18.78 |
| 30.0 | 0729 | 12.0 | 1.2 | 0.26 | 0.24 | 1.3 | | 6.6 | 6.6 | 86 | | 1.09 | 57 | | 27.26 | 20.33 | 18.79 |

South San Francisco Bay

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| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 29.0 | 0748 | 1.0 | | | 0.19 | 1.1 | | 6.7 | 6.6 | 86 | | 0.23 | 14 | 1.3 | 27.62 | 20.17 | 19.10 |
| 29.0 | 0748 | 2.0 | | | 0.19 | 1.1 | | 6.7 | 6.6 | 87 | | 0.23 | 14 | | 27.62 | 20.17 | 19.10 |
| 29.0 | 0748 | 3.0 | | | 0.19 | 1.1 | | 6.7 | 6.7 | 87 | | 0.22 | 13 | | 27.62 | 20.17 | 19.10 |
| 29.0 | 0748 | 4.0 | | | 0.19 | 1.1 | | 6.7 | 6.7 | 87 | | 0.22 | 13 | | 27.63 | 20.18 | 19.11 |
| 29.0 | 0748 | 5.0 | | | 0.20 | 1.1 | | 6.7 | 6.7 | 87 | | 0.30 | 17 | | 27.65 | 20.18 | 19.12 |
| 29.0 | 0748 | 6.0 | | | 0.20 | 1.1 | | 6.7 | 6.7 | 87 | | 0.34 | 19 | | 27.65 | 20.18 | 19.12 |
| 29.0 | 0748 | 7.0 | | | 0.20 | 1.1 | | 6.7 | 6.7 | 87 | | 0.37 | 21 | | 27.65 | 20.18 | 19.12 |
| 29.0 | 0748 | 8.0 | | | 0.21 | 1.1 | | 6.7 | 6.7 | 87 | | 0.37 | 21 | | 27.65 | 20.18 | 19.12 |
| 29.0 | 0748 | 9.0 | | | 0.21 | 1.2 | | 6.7 | 6.7 | 87 | | 0.39 | 22 | | 27.66 | 20.19 | 19.13 |
| 29.0 | 0748 | 10.0 | | | 0.21 | 1.2 | | 6.7 | 6.6 | 87 | | 0.46 | 25 | | 27.67 | 20.19 | 19.13 |
| 29.0 | 0748 | 11.0 | | | 0.21 | 1.2 | | 6.7 | 6.6 | 87 | | 0.50 | 27 | | 27.66 | 20.19 | 19.13 |
| 29.0 | 0748 | 12.0 | | | 0.21 | 1.2 | | 6.7 | 6.7 | 87 | | 0.48 | 26 | | 27.66 | 20.19 | 19.13 |
| 29.0 | 0748 | 13.0 | | | 0.21 | 1.2 | | 6.7 | 6.6 | 87 | | 0.50 | 28 | | 27.67 | 20.19 | 19.14 |
| 29.0 | 0748 | 14.0 | | | 0.21 | 1.2 | | 6.7 | 6.6 | 86 | | 0.65 | 35 | | 27.68 | 20.19 | 19.14 |
| 27.0 | 0810 | 1.0 | | | 0.23 | 1.3 | | 7.1 | 7.0 | 91 | | 0.07 | 6 | 0.8 | 28.01 | 19.99 | 19.44 |
| 27.0 | 0810 | 2.0 | 1.3 | 0.70 | 0.23 | 1.3 | 7.0 | 7.1 | 7.0 | 91 | 5.0 | 0.07 | 6 | | 28.08 | 20.02 | 19.49 |
| 27.0 | 0810 | 3.0 | | | 0.23 | 1.3 | | 7.1 | 7.0 | 91 | | 0.07 | 6 | | 28.17 | 20.05 | 19.55 |
| 27.0 | 0810 | 4.0 | | | 0.24 | 1.3 | | 7.1 | 7.1 | 92 | | 0.08 | 6 | | 28.40 | 20.05 | 19.73 |
| 27.0 | 0810 | 5.0 | | | 0.24 | 1.3 | | 7.1 | 7.0 | 92 | | 0.10 | 8 | | 28.39 | 20.05 | 19.72 |
| 27.0 | 0810 | 6.0 | | | 0.24 | 1.3 | | 7.1 | 7.0 | 92 | | 0.12 | 8 | | 28.43 | 20.04 | 19.75 |
| 27.0 | 0810 | 7.0 | | | 0.25 | 1.3 | | 7.1 | 7.0 | 92 | | 0.14 | 9 | | 28.46 | 20.03 | 19.78 |
| 27.0 | 0810 | 8.0 | | | 0.25 | 1.4 | | 7.1 | 7.1 | 92 | | 0.17 | 11 | | 28.50 | 20.00 | 19.81 |
| 27.0 | 0810 | 9.0 | | | 0.26 | 1.4 | | 7.1 | 7.1 | 92 | | 0.23 | 14 | | 28.51 | 20.00 | 19.82 |
| 27.0 | 0810 | 10.0 | | | 0.26 | 1.4 | | 7.1 | 7.0 | 92 | | 0.24 | 14 | | 28.52 | 19.99 | 19.83 |
| 27.0 | 0810 | 11.0 | | | 0.27 | 1.4 | | 7.1 | 7.0 | 92 | | 0.31 | 18 | | 28.53 | 19.98 | 19.84 |
| 27.0 | 0810 | 12.0 | 1.2 | 0.47 | 0.27 | 1.4 | | 7.2 | 7.1 | 92 | | 0.40 | 22 | | 28.52 | 19.98 | 19.84 |
| 25.0 | 0833 | 1.0 | | | 0.20 | 1.1 | | 7.0 | 6.9 | 89 | | 0.13 | 9 | 0.9 | 28.72 | 19.53 | 20.10 |
| 25.0 | 0833 | 2.0 | | | 0.20 | 1.1 | | 7.0 | 6.9 | 89 | | 0.13 | 9 | | 28.72 | 19.53 | 20.10 |
| 25.0 | 0833 | 3.0 | | | 0.20 | 1.1 | | 7.0 | 6.9 | 89 | | 0.12 | 9 | | 28.72 | 19.53 | 20.10 |
| 25.0 | 0833 | 4.0 | | | 0.20 | 1.1 | | 7.0 | 6.9 | 89 | | 0.12 | 8 | | 28.72 | 19.53 | 20.10 |
| 25.0 | 0833 | 5.0 | | | 0.20 | 1.1 | | 7.0 | 6.9 | 90 | | 0.12 | 9 | | 28.73 | 19.53 | 20.10 |
| 25.0 | 0833 | 6.0 | | | 0.19 | 1.1 | | 7.0 | 6.9 | 90 | | 0.13 | 9 | | 28.72 | 19.53 | 20.10 |
| 25.0 | 0833 | 7.0 | | | 0.19 | 1.1 | | 7.0 | 6.9 | 89 | | 0.14 | 9 | | 28.73 | 19.52 | 20.11 |
| 25.0 | 0833 | 8.0 | | | 0.19 | 1.1 | | 7.0 | 6.9 | 89 | | 0.17 | 11 | | 28.74 | 19.52 | 20.11 |
| 24.0 | 0849 | 1.0 | | | 0.16 | 0.9 | | 6.9 | 6.8 | 88 | | 0.12 | 9 | 0.9 | 29.23 | 18.86 | 20.65 |
| 24.0 | 0849 | 2.0 | 1.0 | 0.56 | 0.16 | 0.9 | 6.9 | 6.9 | 6.8 | 88 | 9.6 | 0.12 | 8 | | 29.23 | 18.86 | 20.65 |
| 24.0 | 0849 | 3.0 | | | 0.16 | 0.9 | | 6.9 | 6.8 | 88 | | 0.12 | 8 | | 29.22 | 18.86 | 20.65 |
| 24.0 | 0849 | 4.0 | | | 0.16 | 0.9 | | 6.9 | 6.8 | 88 | | 0.12 | 8 | | 29.22 | 18.86 | 20.65 |
| 24.0 | 0849 | 5.0 | | | 0.16 | 0.9 | | 6.9 | 6.8 | 88 | | 0.12 | 8 | | 29.23 | 18.86 | 20.65 |
| 24.0 | 0849 | 6.0 | | | 0.16 | 0.9 | | 6.9 | 6.8 | 88 | | 0.11 | 8 | | 29.22 | 18.86 | 20.65 |

South San Francisco Bay

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| STN | TIME | DEPTH | DISC CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISC OXYG | OXYG | CALC OXYG | % OXY SAT | DISC SPM | OBS SPM | CALC SPM | EXCOF | SALIN | TEMP | SGT |
|------|------|-------|---------------|-----------------|-------|---------------|--------------|------|--------------|--------------|-------------|------------|-------------|-------|-------|-------|-------|
| 24.0 | 0849 | 7.0 | | | 0.15 | 0.9 | | 6.9 | 6.8 | 88 | | 0.13 | 9 | | 29.22 | 18.86 | 20.65 |
| 24.0 | 0849 | 8.0 | | | 0.16 | 0.9 | | 6.9 | 6.8 | 88 | | 0.13 | 9 | | 29.22 | 18.86 | 20.65 |
| 24.0 | 0849 | 9.0 | | | 0.16 | 0.9 | | 6.9 | 6.8 | 87 | | 0.13 | 9 | | 29.22 | 18.86 | 20.65 |
| 24.0 | 0849 | 10.0 | 1.0 | 0.44 | 0.16 | 0.9 | | 6.9 | 6.8 | 88 | | 0.14 | 9 | | 29.23 | 18.85 | 20.66 |
| 22.0 | 0915 | 1.0 | | | 0.19 | 1.0 | | 6.7 | 6.6 | 84 | | 0.11 | 8 | 0.9 | 29.79 | 18.07 | 21.27 |
| 22.0 | 0915 | 2.0 | | | 0.18 | 1.0 | | 6.7 | 6.6 | 84 | | 0.11 | 8 | | 29.79 | 18.07 | 21.27 |
| 22.0 | 0915 | 3.0 | | | 0.18 | 1.0 | | 6.7 | 6.6 | 84 | | 0.11 | 8 | | 29.79 | 18.06 | 21.27 |
| 22.0 | 0915 | 4.0 | | | 0.18 | 1.0 | | 6.7 | 6.6 | 83 | | 0.11 | 8 | | 29.79 | 18.06 | 21.28 |
| 22.0 | 0915 | 5.0 | | | 0.18 | 1.0 | | 6.7 | 6.6 | 83 | | 0.11 | 8 | | 29.81 | 18.04 | 21.29 |
| 22.0 | 0915 | 6.0 | | | 0.18 | 1.0 | | 6.7 | 6.6 | 83 | | 0.12 | 8 | | 29.81 | 18.03 | 21.30 |
| 22.0 | 0915 | 7.0 | | | 0.18 | 1.0 | | 6.7 | 6.6 | 83 | | 0.13 | 9 | | 29.81 | 18.03 | 21.30 |
| 22.0 | 0915 | 8.0 | | | 0.18 | 1.0 | | 6.7 | 6.6 | 83 | | 0.13 | 9 | | 29.81 | 18.02 | 21.30 |
| 22.0 | 0915 | 9.0 | | | 0.18 | 1.0 | | 6.7 | 6.6 | 83 | | 0.13 | 9 | | 29.81 | 18.02 | 21.30 |
| 22.0 | 0915 | 10.0 | | | 0.18 | 1.0 | | 6.7 | 6.6 | 83 | | 0.13 | 9 | | 29.81 | 18.02 | 21.30 |
| 22.0 | 0915 | 11.0 | | | 0.18 | 1.0 | | 6.7 | 6.6 | 83 | | 0.13 | 9 | | 29.81 | 18.03 | 21.30 |
| 22.0 | 0915 | 12.0 | | | 0.19 | 1.1 | | 6.6 | 6.6 | 83 | | 0.13 | 9 | | 29.81 | 18.03 | 21.30 |
| 22.0 | 0915 | 13.0 | | | 0.19 | 1.1 | | 6.6 | 6.6 | 83 | | 0.13 | 9 | | 29.82 | 18.00 | 21.31 |
| 22.0 | 0915 | 14.0 | | | 0.20 | 1.1 | | 6.7 | 6.6 | 83 | | 0.15 | 10 | | 29.82 | 18.00 | 21.31 |
| 22.0 | 0915 | 15.0 | | | 0.20 | 1.1 | | 6.7 | 6.6 | 83 | | 0.16 | 10 | | 29.82 | 18.00 | 21.31 |
| 22.0 | 0915 | 16.0 | | | 0.20 | 1.1 | | 6.7 | 6.6 | 83 | | 0.16 | 10 | | 29.82 | 18.00 | 21.31 |
| 22.0 | 0915 | 17.0 | | | 0.20 | 1.1 | | 6.6 | 6.6 | 83 | | 0.16 | 10 | | 29.82 | 18.00 | 21.31 |
| 22.0 | 0915 | 18.0 | | | 0.20 | 1.1 | | 6.7 | 6.6 | 83 | | 0.17 | 11 | | 29.83 | 18.00 | 21.32 |
| 21.0 | 0929 | 1.0 | | | 0.17 | 1.0 | | 6.7 | 6.6 | 84 | | 0.12 | 8 | 0.9 | 29.51 | 18.53 | 20.94 |
| 21.0 | 0929 | 2.0 | 1.1 | 0.61 | 0.17 | 1.0 | 6.6 | 6.7 | 6.6 | 84 | | 0.11 | 8 | | 29.51 | 18.52 | 20.95 |
| 21.0 | 0929 | 3.0 | | | 0.18 | 1.0 | | 6.7 | 6.6 | 84 | | 0.12 | 8 | | 29.52 | 18.50 | 20.96 |
| 21.0 | 0929 | 4.0 | | | 0.18 | 1.0 | | 6.6 | 6.6 | 84 | | 0.12 | 8 | | 29.53 | 18.48 | 20.98 |
| 21.0 | 0929 | 5.0 | | | 0.18 | 1.0 | | 6.6 | 6.6 | 84 | | 0.13 | 9 | | 29.57 | 18.43 | 21.01 |
| 21.0 | 0929 | 6.0 | | | 0.17 | 1.0 | | 6.6 | 6.6 | 84 | | 0.14 | 9 | | 29.59 | 18.39 | 21.05 |
| 21.0 | 0929 | 7.0 | | | 0.17 | 1.0 | | 6.6 | 6.6 | 84 | | 0.16 | 10 | | 29.60 | 18.37 | 21.06 |
| 21.0 | 0929 | 8.0 | | | 0.18 | 1.0 | | 6.6 | 6.6 | 83 | | 0.16 | 11 | | 29.62 | 18.35 | 21.07 |
| 21.0 | 0929 | 9.0 | | | 0.18 | 1.0 | | 6.6 | 6.5 | 83 | | 0.18 | 11 | | 29.63 | 18.33 | 21.09 |
| 21.0 | 0929 | 10.0 | | | 0.18 | 1.0 | | 6.6 | 6.5 | 83 | | 0.19 | 12 | | 29.67 | 18.28 | 21.13 |
| 21.0 | 0929 | 11.0 | | | 0.19 | 1.1 | | 6.5 | 6.5 | 82 | | 0.21 | 13 | | 29.73 | 18.16 | 21.20 |
| 21.0 | 0929 | 12.0 | | | 0.19 | 1.1 | | 6.6 | 6.5 | 82 | | 0.23 | 14 | | 29.78 | 18.07 | 21.27 |
| 21.0 | 0929 | 13.0 | | | 0.20 | 1.1 | | 6.6 | 6.5 | 82 | | 0.25 | 15 | | 29.79 | 18.06 | 21.27 |
| 21.0 | 0929 | 14.0 | | | 0.20 | 1.1 | | 6.6 | 6.5 | 82 | | 0.26 | 15 | | 29.82 | 18.00 | 21.31 |
| 21.0 | 0929 | 15.0 | | | 0.20 | 1.1 | | 6.5 | 6.5 | 82 | | 0.28 | 16 | | 29.84 | 17.96 | 21.34 |
| 21.0 | 0929 | 16.0 | | | 0.21 | 1.2 | | 6.6 | 6.5 | 82 | | 0.30 | 17 | | 29.86 | 17.92 | 21.36 |
| 21.0 | 0929 | 17.0 | 0.9 | 0.30 | 0.21 | 1.2 | | 6.6 | 6.5 | 82 | | 0.33 | 19 | | 29.87 | 17.90 | 21.38 |

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July 15, 1997

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| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|-------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-------------|-------|-------|-------|------|
| 657.0 | 1747 | 1.0 | | | 0.27 | 1.9 | | 7.9 | 8.4 | 97 | | 0.36 | 23 | 2.1 | 0.06 | 22.24 | 0.00 |
| 657.0 | 1747 | 2.0 | 1.8 | 0.65 | 0.27 | 1.9 | 8.3 | 7.9 | 8.4 | 97 | 23.2 | 0.38 | 23 | | 0.06 | 22.18 | 0.00 |
| 657.0 | 1747 | 3.0 | | | 0.26 | 1.9 | | 7.9 | 8.4 | 97 | | 0.39 | 24 | | 0.06 | 22.18 | 0.00 |
| 657.0 | 1747 | 4.0 | | | 0.26 | 1.9 | | 7.9 | 8.4 | 97 | | 0.42 | 25 | | 0.06 | 22.17 | 0.00 |
| 657.0 | 1747 | 5.0 | | | 0.26 | 1.9 | | 7.9 | 8.4 | 97 | | 0.41 | 25 | | 0.06 | 22.18 | 0.00 |
| 657.0 | 1747 | 6.0 | | | 0.27 | 2.0 | | 7.9 | 8.4 | 97 | | 0.43 | 26 | | 0.06 | 22.16 | 0.00 |
| 657.0 | 1747 | 7.0 | | | 0.28 | 2.0 | | 7.9 | 8.4 | 97 | | 0.41 | 25 | | 0.06 | 22.17 | 0.00 |
| 657.0 | 1747 | 8.0 | | | 0.28 | 2.0 | | 7.9 | 8.4 | 97 | | 0.42 | 25 | | 0.06 | 22.17 | 0.00 |
| 657.0 | 1747 | 9.0 | | | 0.28 | 2.0 | | 8.0 | 8.4 | 97 | | 0.43 | 25 | | 0.06 | 22.18 | 0.00 |
| 657.0 | 1747 | 10.0 | | | 0.28 | 2.0 | | 7.9 | 8.4 | 97 | | 0.40 | 24 | | 0.06 | 22.20 | 0.00 |
| 657.0 | 1747 | 11.0 | 2.4 | 0.57 | 0.27 | 2.0 | | 7.9 | 8.4 | 97 | | 0.40 | 24 | | 0.06 | 22.16 | 0.00 |
| 649.0 | 1645 | 1.0 | | | 0.32 | 2.5 | | 8.2 | 8.6 | 98 | | 0.66 | 35 | 3.0 | 0.23 | 21.67 | 0.00 |
| 649.0 | 1645 | 2.0 | 2.7 | 0.57 | 0.32 | 2.5 | 8.6 | 8.1 | 8.6 | 98 | 27.1 | 0.69 | 36 | | 0.24 | 21.66 | 0.00 |
| 649.0 | 1645 | 3.0 | | | 0.32 | 2.5 | | 8.2 | 8.6 | 98 | | 0.67 | 36 | | 0.24 | 21.65 | 0.00 |
| 649.0 | 1645 | 4.0 | | | 0.33 | 2.6 | | 8.2 | 8.6 | 98 | | 0.67 | 36 | | 0.24 | 21.65 | 0.00 |
| 649.0 | 1645 | 5.0 | | | 0.34 | 2.7 | | 8.2 | 8.6 | 98 | | 0.69 | 36 | | 0.26 | 21.64 | 0.00 |
| 649.0 | 1645 | 6.0 | | | 0.34 | 2.7 | | 8.2 | 8.6 | 98 | | 0.70 | 37 | | 0.26 | 21.64 | 0.00 |
| 649.0 | 1645 | 7.0 | | | 0.34 | 2.7 | | 8.2 | 8.6 | 98 | | 0.72 | 38 | | 0.26 | 21.64 | 0.00 |
| 649.0 | 1645 | 8.0 | | | 0.34 | 2.7 | | 8.2 | 8.6 | 98 | | 0.69 | 37 | | 0.27 | 21.64 | 0.00 |
| 649.0 | 1645 | 9.0 | | | 0.35 | 2.8 | | 8.2 | 8.6 | 98 | | 0.72 | 37 | | 0.27 | 21.64 | 0.00 |
| 649.0 | 1645 | 10.0 | | | 0.35 | 2.8 | | 8.2 | 8.6 | 98 | | 0.71 | 37 | | 0.27 | 21.64 | 0.00 |
| 649.0 | 1645 | 11.0 | 2.7 | 0.54 | 0.35 | 2.9 | | 8.2 | 8.6 | 98 | | 0.70 | 37 | | 0.28 | 21.65 | 0.00 |
| 2.0 | 1623 | 1.0 | | | 0.31 | 2.4 | | 8.1 | 8.5 | 98 | | 0.66 | 35 | 3.0 | 1.01 | 21.98 | 0.00 |
| 2.0 | 1623 | 2.0 | | | 0.31 | 2.4 | | 8.1 | 8.5 | 99 | | 0.63 | 34 | | 1.01 | 21.98 | 0.00 |
| 2.0 | 1623 | 3.0 | | | 0.31 | 2.4 | | 8.1 | 8.5 | 98 | | 0.64 | 34 | | 1.01 | 21.97 | 0.00 |
| 2.0 | 1623 | 4.0 | | | 0.31 | 2.4 | | 8.0 | 8.5 | 98 | | 0.63 | 34 | | 1.04 | 21.90 | 0.00 |
| 2.0 | 1623 | 5.0 | | | 0.32 | 2.5 | | 8.1 | 8.5 | 98 | | 0.85 | 43 | | 1.07 | 21.84 | 0.00 |
| 2.0 | 1623 | 6.0 | | | 0.32 | 2.5 | | 8.1 | 8.5 | 98 | | 0.93 | 46 | | 1.09 | 21.83 | 0.00 |
| 2.0 | 1623 | 7.0 | | | 0.32 | 2.5 | | 8.1 | 8.5 | 98 | | 0.99 | 49 | | 1.12 | 21.83 | 0.00 |
| 2.0 | 1623 | 8.0 | | | 0.33 | 2.6 | | 8.1 | 8.5 | 98 | | 1.09 | 53 | | 1.16 | 21.84 | 0.00 |
| 2.0 | 1623 | 9.0 | | | 0.34 | 2.7 | | 8.1 | 8.5 | 98 | | 1.21 | 58 | | 1.21 | 21.85 | 0.00 |
| 2.0 | 1623 | 10.0 | | | 0.35 | 2.8 | | 8.1 | 8.5 | 98 | | 1.32 | 62 | | 1.23 | 21.85 | 0.00 |
| 2.0 | 1623 | 11.0 | | | 0.37 | 3.0 | | 8.1 | 8.5 | 98 | | 1.72 | 79 | | 1.27 | 21.86 | 0.00 |
| 2.0 | 1623 | 12.0 | | | 0.37 | 3.1 | | 8.1 | 8.5 | 98 | | 1.73 | 79 | | 1.28 | 21.86 | 0.00 |
| 3.0 | 1602 | 1.0 | | | 0.28 | 2.0 | | 8.1 | 8.5 | 99 | | 0.58 | 32 | 2.9 | 2.14 | 21.78 | 0.00 |
| 3.0 | 1602 | 2.0 | 2.2 | 0.66 | 0.27 | 2.0 | 8.5 | 8.1 | 8.5 | 99 | 35.2 | 0.54 | 30 | | 2.14 | 21.78 | 0.00 |
| 3.0 | 1602 | 3.0 | | | 0.27 | 2.0 | | 8.1 | 8.5 | 98 | | 0.54 | 30 | | 2.14 | 21.77 | 0.00 |
| 3.0 | 1602 | 4.0 | | | 0.27 | 2.0 | | 8.0 | 8.5 | 98 | | 0.54 | 30 | | 2.17 | 21.73 | 0.00 |
| 3.0 | 1602 | 5.0 | | | 0.27 | 1.9 | | 8.0 | 8.5 | 98 | | 0.56 | 31 | | 2.26 | 21.64 | 0.00 |
| 3.0 | 1602 | 6.0 | | | 0.27 | 1.9 | | 8.0 | 8.5 | 98 | | 0.57 | 32 | | 2.34 | 21.56 | 0.00 |

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| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|-----|------|-------|----------------|-----------------|-------|---------------|---------------|--------------|--------------|--------------|------|-------------|-------|-------|-------|------|
| 3.0 | 1602 | 7.0 | | | 0.26 | 1.9 | | 8.0 | 98 | | 0.60 | 33 | | 2.35 | 21.51 | 0.00 |
| 3.0 | 1602 | 8.0 | | | 0.26 | 1.9 | | 8.0 | 97 | | 0.62 | 34 | | 2.38 | 21.46 | 0.00 |
| 3.0 | 1602 | 9.0 | | | 0.27 | 1.9 | | 8.0 | 98 | | 0.72 | 38 | | 2.44 | 21.38 | 0.00 |
| 3.0 | 1602 | 10.0 | | | 0.28 | 2.0 | | 8.0 | 98 | | 0.93 | 46 | | 2.46 | 21.36 | 0.00 |
| 3.0 | 1602 | 11.0 | | | 0.29 | 2.2 | | 8.0 | 98 | | 1.25 | 59 | | 2.50 | 21.34 | 0.00 |
| 3.0 | 1602 | 12.0 | 2.6 | 0.40 | 0.29 | 2.2 | | 8.0 | 98 | | 1.56 | 72 | | 2.52 | 21.33 | 0.00 |
| 4.0 | 1539 | 1.0 | | | 0.29 | 2.1 | | 7.8 | 97 | | 0.72 | 38 | 2.4 | 2.72 | 21.82 | 0.00 |
| 4.0 | 1539 | 2.0 | | | 0.29 | 2.1 | | 7.9 | 97 | | 0.71 | 37 | | 2.72 | 21.74 | 0.00 |
| 4.0 | 1539 | 3.0 | | | 0.29 | 2.1 | | 8.0 | 98 | | 0.73 | 38 | | 2.87 | 21.72 | 0.01 |
| 4.0 | 1539 | 4.0 | | | 0.29 | 2.1 | | 8.0 | 98 | | 0.75 | 39 | | 2.95 | 21.77 | 0.07 |
| 4.0 | 1539 | 5.0 | | | 0.29 | 2.2 | | 8.1 | 99 | | 0.75 | 39 | | 2.98 | 21.81 | 0.08 |
| 4.0 | 1539 | 6.0 | | | 0.30 | 2.2 | | 8.0 | 99 | | 0.73 | 38 | | 3.04 | 21.85 | 0.11 |
| 4.0 | 1539 | 7.0 | | | 0.29 | 2.1 | | 7.9 | 97 | | 0.73 | 38 | | 3.05 | 21.85 | 0.12 |
| 4.0 | 1539 | 8.0 | | | 0.27 | 1.9 | | 7.9 | 97 | | 0.62 | 33 | | 3.21 | 21.55 | 0.31 |
| 4.0 | 1539 | 9.0 | | | 0.25 | 1.8 | | 7.9 | 97 | | 0.63 | 34 | | 3.27 | 21.42 | 0.38 |
| 4.0 | 1539 | 10.0 | | | 0.25 | 1.7 | | 7.9 | 97 | | 0.69 | 36 | | 3.39 | 21.33 | 0.50 |
| 4.0 | 1539 | 11.0 | | | 0.25 | 1.7 | | 8.0 | 97 | | 0.80 | 41 | | 3.44 | 21.29 | 0.54 |
| 4.0 | 1539 | 12.0 | | | 0.26 | 1.8 | | 8.0 | 97 | | 1.00 | 49 | | 3.47 | 21.26 | 0.57 |
| 4.0 | 1539 | 13.0 | | | 0.27 | 1.9 | | 8.0 | 98 | | 1.33 | 63 | | 3.51 | 21.25 | 0.60 |
| 4.0 | 1539 | 14.0 | | | 0.28 | 2.1 | | 8.0 | 98 | | 1.62 | 75 | | 3.52 | 21.25 | 0.61 |
| 4.0 | 1539 | 15.0 | | | 0.29 | 2.2 | | 8.0 | 98 | | 1.76 | 80 | | 3.54 | 21.25 | 0.63 |
| 4.0 | 1539 | 16.0 | | | 0.29 | 2.1 | | 8.0 | 98 | | 1.81 | 83 | | 3.55 | 21.25 | 0.64 |
| 5.0 | 1520 | 1.0 | | | 0.25 | 1.7 | | 8.0 | 99 | | 0.53 | 30 | 2.8 | 4.80 | 21.69 | 1.48 |
| 5.0 | 1520 | 2.0 | | | 0.25 | 1.7 | | 7.9 | 98 | | 0.52 | 29 | | 4.80 | 21.61 | 1.50 |
| 5.0 | 1520 | 3.0 | | | 0.24 | 1.6 | | 7.8 | 97 | | 0.56 | 31 | | 4.82 | 21.37 | 1.57 |
| 5.0 | 1520 | 4.0 | | | 0.24 | 1.6 | | 7.9 | 98 | | 0.59 | 32 | | 4.91 | 21.13 | 1.69 |
| 5.0 | 1520 | 5.0 | | | 0.24 | 1.6 | | 8.0 | 98 | | 0.64 | 34 | | 5.07 | 21.20 | 1.80 |
| 5.0 | 1520 | 6.0 | | | 0.25 | 1.7 | | 7.9 | 98 | | 0.67 | 35 | | 5.22 | 21.27 | 1.89 |
| 5.0 | 1520 | 7.0 | | | 0.26 | 1.8 | | 8.0 | 99 | | 0.77 | 40 | | 5.28 | 21.24 | 1.94 |
| 5.0 | 1520 | 8.0 | | | 0.27 | 1.9 | | 8.0 | 99 | | 1.01 | 50 | | 5.36 | 21.22 | 2.01 |
| 5.0 | 1520 | 9.0 | | | 0.27 | 2.0 | | 8.0 | 99 | | 1.17 | 56 | | 5.45 | 21.20 | 2.08 |
| 5.0 | 1520 | 10.0 | | | 0.28 | 2.0 | | 8.0 | 99 | | 1.19 | 57 | | 5.53 | 21.19 | 2.14 |
| 5.0 | 1520 | 11.0 | | | 0.28 | 2.0 | | 8.0 | 99 | | 1.42 | 66 | | 5.60 | 21.20 | 2.20 |
| 6.0 | 1456 | 1.0 | | | 0.27 | 1.9 | | 7.7 | 98 | | 0.51 | 29 | 2.2 | 7.69 | 21.48 | 3.71 |
| 6.0 | 1456 | 2.0 | 1.3 | 0.51 | 0.27 | 1.9 | 8.3 | 7.8 | 99 | 33.2 | 0.49 | 28 | | 7.98 | 21.42 | 3.94 |
| 6.0 | 1456 | 3.0 | | | 0.26 | 1.8 | | 7.8 | 99 | | 0.54 | 30 | | 8.04 | 21.42 | 3.98 |
| 6.0 | 1456 | 4.0 | | | 0.25 | 1.7 | | 7.7 | 98 | | 0.56 | 31 | | 8.10 | 21.41 | 4.03 |
| 6.0 | 1456 | 5.0 | | | 0.23 | 1.6 | | 7.7 | 97 | | 0.50 | 29 | | 8.30 | 21.14 | 4.25 |
| 6.0 | 1456 | 6.0 | | | 0.23 | 1.5 | | 7.7 | 98 | | 0.49 | 28 | | 8.52 | 21.05 | 4.44 |
| 6.0 | 1456 | 7.0 | | | 0.23 | 1.5 | | 7.7 | 97 | | 0.48 | 28 | | 8.86 | 21.02 | 4.70 |

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| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|-----|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 6.0 | 1456 | 8.0 | | | 0.23 | 1.5 | | 7.6 | 8.2 | 97 | | 0.48 | 28 | | 9.42 | 20.95 | 5.14 |
| 6.0 | 1456 | 9.0 | | | 0.23 | 1.5 | | 7.6 | 8.1 | 97 | | 0.50 | 28 | | 10.57 | 20.82 | 6.04 |
| 6.0 | 1456 | 10.0 | | | 0.23 | 1.5 | | 7.6 | 8.2 | 98 | | 0.55 | 31 | | 11.15 | 20.75 | 6.49 |
| 7.0 | 1430 | 1.0 | | | 0.31 | 2.4 | | 7.7 | 8.2 | 100 | | 0.53 | 30 | 2.5 | 11.82 | 21.43 | 6.84 |
| 7.0 | 1430 | 2.0 | | | 0.29 | 2.2 | | 7.4 | 8.0 | 97 | | 0.56 | 31 | | 12.14 | 21.33 | 7.10 |
| 7.0 | 1430 | 3.0 | | | 0.26 | 1.9 | | 7.5 | 8.0 | 97 | | 0.41 | 25 | | 12.74 | 20.83 | 7.67 |
| 7.0 | 1430 | 4.0 | | | 0.25 | 1.7 | | 7.4 | 8.0 | 97 | | 0.36 | 23 | | 12.84 | 20.75 | 7.76 |
| 7.0 | 1430 | 5.0 | | | 0.24 | 1.6 | | 7.4 | 8.0 | 96 | | 0.37 | 23 | | 13.06 | 20.61 | 7.97 |
| 7.0 | 1430 | 6.0 | | | 0.23 | 1.5 | | 7.4 | 8.0 | 96 | | 0.40 | 24 | | 13.34 | 20.58 | 8.18 |
| 7.0 | 1430 | 7.0 | | | 0.23 | 1.5 | | 7.4 | 8.0 | 96 | | 0.43 | 25 | | 13.62 | 20.54 | 8.41 |
| 7.0 | 1430 | 8.0 | | | 0.23 | 1.5 | | 7.4 | 8.0 | 96 | | 0.44 | 26 | | 13.96 | 20.52 | 8.67 |
| 7.0 | 1430 | 9.0 | | | 0.23 | 1.5 | | 7.4 | 8.0 | 97 | | 0.54 | 30 | | 14.07 | 20.51 | 8.75 |
| 7.0 | 1430 | 10.0 | | | 0.23 | 1.6 | | 7.4 | 8.0 | 97 | | 0.68 | 36 | | 14.13 | 20.50 | 8.80 |
| 7.0 | 1430 | 11.0 | | | 0.23 | 1.5 | | 7.4 | 8.0 | 97 | | 0.64 | 34 | | 14.27 | 20.51 | 8.90 |
| 7.0 | 1430 | 12.0 | | | 0.23 | 1.5 | | 7.4 | 8.0 | 97 | | 0.57 | 31 | | 14.39 | 20.50 | 8.99 |
| 7.0 | 1430 | 13.0 | | | 0.23 | 1.5 | | 7.4 | 8.0 | 97 | | 0.57 | 31 | | 14.55 | 20.50 | 9.12 |
| 8.0 | 1406 | 1.0 | | | 0.50 | 4.4 | | 7.8 | 8.3 | 102 | | 0.34 | 22 | 2.1 | 14.29 | 21.18 | 8.76 |
| 8.0 | 1406 | 2.0 | | | 0.51 | 4.5 | | 7.8 | 8.3 | 102 | | 0.32 | 21 | | 14.30 | 21.15 | 8.78 |
| 8.0 | 1406 | 3.0 | | | 0.50 | 4.4 | | 7.7 | 8.3 | 101 | | 0.33 | 22 | | 14.31 | 21.14 | 8.78 |
| 8.0 | 1406 | 4.0 | | | 0.45 | 3.9 | | 7.7 | 8.2 | 101 | | 0.33 | 22 | | 14.41 | 21.08 | 8.88 |
| 8.0 | 1406 | 5.0 | | | 0.38 | 3.2 | | 7.5 | 8.0 | 98 | | 0.34 | 22 | | 14.65 | 20.97 | 9.08 |
| 8.0 | 1406 | 6.0 | | | 0.31 | 2.4 | | 7.2 | 7.8 | 96 | | 0.33 | 21 | | 15.41 | 20.72 | 9.72 |
| 8.0 | 1406 | 7.0 | | | 0.26 | 1.8 | | 7.3 | 7.9 | 96 | | 0.31 | 21 | | 16.85 | 20.36 | 10.89 |
| 8.0 | 1406 | 8.0 | | | 0.23 | 1.5 | | 7.3 | 7.9 | 97 | | 0.32 | 21 | | 17.08 | 20.31 | 11.07 |
| 8.0 | 1406 | 9.0 | | | 0.22 | 1.4 | | 7.3 | 7.9 | 97 | | 0.31 | 21 | | 17.46 | 20.27 | 11.37 |
| 8.0 | 1406 | 10.0 | | | 0.22 | 1.4 | | 7.3 | 7.9 | 97 | | 0.34 | 22 | | 17.67 | 20.28 | 11.53 |
| 8.0 | 1406 | 11.0 | | | 0.23 | 1.5 | | 7.3 | 7.9 | 97 | | 0.42 | 25 | | 17.78 | 20.30 | 11.61 |
| 8.0 | 1406 | 12.0 | | | 0.23 | 1.5 | | 7.3 | 7.9 | 97 | | 0.53 | 30 | | 18.00 | 20.28 | 11.78 |
| 8.0 | 1406 | 13.0 | | | 0.23 | 1.6 | | 7.3 | 7.9 | 97 | | 0.55 | 31 | | 18.17 | 20.26 | 11.91 |
| 8.0 | 1406 | 14.0 | | | 0.24 | 1.7 | | 7.3 | 7.9 | 97 | | 0.57 | 31 | | 18.23 | 20.25 | 11.96 |
| 8.0 | 1406 | 15.0 | | | 0.25 | 1.7 | | 7.3 | 7.9 | 97 | | 0.68 | 36 | | 18.31 | 20.27 | 12.02 |
| 9.0 | 1342 | 1.0 | | | 0.45 | 3.8 | | 7.5 | 8.1 | 99 | | 0.39 | 24 | 2.1 | 14.82 | 21.26 | 9.14 |
| 9.0 | 1342 | 2.0 | 4.1 | 0.80 | 0.40 | 3.3 | 8.1 | 7.2 | 7.9 | 97 | 26.2 | 0.35 | 22 | | 15.90 | 20.85 | 10.06 |
| 9.0 | 1342 | 3.0 | | | 0.34 | 2.7 | | 7.3 | 7.9 | 97 | | 0.33 | 21 | | 17.21 | 20.37 | 11.16 |
| 9.0 | 1342 | 4.0 | | | 0.33 | 2.5 | | 7.4 | 8.0 | 98 | | 0.35 | 22 | | 17.58 | 20.38 | 11.44 |
| 9.0 | 1342 | 5.0 | | | 0.33 | 2.6 | | 7.4 | 8.0 | 98 | | 0.36 | 23 | | 17.71 | 20.41 | 11.53 |
| 9.0 | 1342 | 6.0 | | | 0.33 | 2.6 | | 7.3 | 7.9 | 98 | | 0.31 | 21 | | 18.22 | 20.37 | 11.93 |
| 9.0 | 1342 | 7.0 | | | 0.32 | 2.5 | | 7.3 | 7.9 | 98 | | 0.38 | 23 | | 18.38 | 20.32 | 12.06 |
| 9.0 | 1342 | 8.0 | | | 0.31 | 2.4 | | 7.3 | 7.9 | 98 | | 0.43 | 26 | | 18.51 | 20.30 | 12.16 |
| 9.0 | 1342 | 9.0 | | | 0.29 | 2.1 | | 7.3 | 7.9 | 98 | | 0.47 | 27 | | 18.55 | 20.27 | 12.20 |

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|--------------|--------------|--------------|------------|-------------|-------|-------|-------|-------|
| 9.0 | 1342 | 10.0 | | | 0.26 | 1.9 | 7.2 | 7.9 | 97 | | 0.47 | 27 | | 18.76 | 20.23 | 12.37 |
| 9.0 | 1342 | 11.0 | | | 0.26 | 1.8 | 7.2 | 7.8 | 97 | | 0.52 | 29 | | 19.22 | 20.19 | 12.73 |
| 9.0 | 1342 | 12.0 | | | 0.26 | 1.8 | 7.2 | 7.8 | 97 | | 0.62 | 34 | | 19.41 | 20.17 | 12.88 |
| 9.0 | 1342 | 13.0 | | | 0.26 | 1.8 | 7.2 | 7.8 | 97 | | 0.65 | 35 | | 19.57 | 20.15 | 13.00 |
| 9.0 | 1342 | 14.0 | | | 0.27 | 1.9 | 7.2 | 7.9 | 98 | | 0.68 | 36 | | 19.69 | 20.13 | 13.10 |
| 9.0 | 1342 | 15.0 | | | 0.28 | 2.0 | 7.2 | 7.9 | 98 | | 0.81 | 41 | | 19.77 | 20.12 | 13.16 |
| 9.0 | 1342 | 16.0 | | | 0.28 | 2.1 | 7.3 | 7.9 | 98 | | 1.04 | 51 | | 19.79 | 20.12 | 13.18 |
| 9.0 | 1342 | 17.0 | | | 0.29 | 2.2 | 7.3 | 7.9 | 98 | | 1.17 | 56 | | 19.82 | 20.11 | 13.20 |
| 9.0 | 1342 | 18.0 | | | 0.30 | 2.2 | 7.3 | 7.9 | 98 | | 1.23 | 58 | | 19.85 | 20.11 | 13.22 |
| 9.0 | 1342 | 19.0 | | | 0.30 | 2.3 | 7.3 | 7.9 | 98 | | 1.26 | 60 | | 19.90 | 20.10 | 13.27 |
| 9.0 | 1342 | 20.0 | | | 0.30 | 2.3 | 7.3 | 7.9 | 98 | | 1.34 | 63 | | 19.91 | 20.10 | 13.27 |
| 9.0 | 1342 | 21.0 | | | 0.30 | 2.3 | 7.3 | 7.9 | 98 | | 1.31 | 62 | | 19.92 | 20.10 | 13.28 |
| 9.0 | 1342 | 22.0 | | | 0.30 | 2.3 | 7.3 | 7.9 | 98 | | 1.28 | 61 | | 19.93 | 20.10 | 13.29 |
| 9.0 | 1342 | 23.0 | | | 0.30 | 2.2 | 7.3 | 7.9 | 98 | | 1.26 | 60 | | 19.94 | 20.09 | 13.30 |
| 9.0 | 1342 | 24.0 | | | 0.30 | 2.2 | 7.3 | 7.9 | 98 | | 1.26 | 60 | | 19.94 | 20.10 | 13.29 |
| 9.0 | 1342 | 25.0 | | | 0.30 | 2.3 | 7.3 | 7.9 | 98 | | 1.25 | 59 | | 19.95 | 20.09 | 13.30 |
| 9.0 | 1342 | 26.0 | | | 0.30 | 2.3 | 7.3 | 7.9 | 98 | | 1.21 | 58 | | 19.96 | 20.09 | 13.31 |
| 9.0 | 1342 | 27.0 | | | 0.30 | 2.3 | 7.3 | 7.9 | 98 | | 1.23 | 59 | | 19.96 | 20.09 | 13.31 |
| 9.0 | 1342 | 28.0 | | | 0.30 | 2.3 | 7.3 | 7.9 | 98 | | 1.24 | 59 | | 19.97 | 20.09 | 13.32 |
| 9.0 | 1342 | 29.0 | | | 0.31 | 2.3 | 7.3 | 7.9 | 98 | | 1.24 | 59 | | 19.98 | 20.09 | 13.32 |
| 9.0 | 1342 | 30.0 | | | 0.31 | 2.3 | 7.3 | 7.9 | 98 | | 1.21 | 58 | | 19.98 | 20.09 | 13.32 |
| 9.0 | 1342 | 31.0 | | | 0.31 | 2.3 | 7.3 | 7.9 | 98 | | 1.24 | 59 | | 19.98 | 20.09 | 13.32 |
| 9.0 | 1342 | 32.0 | | | 0.30 | 2.3 | 7.3 | 7.9 | 98 | | 1.22 | 58 | | 19.98 | 20.09 | 13.32 |
| 9.0 | 1342 | 33.0 | | | 0.30 | 2.3 | 7.3 | 7.9 | 98 | | 1.21 | 58 | | 19.98 | 20.09 | 13.32 |
| 9.0 | 1342 | 34.0 | | | 0.31 | 2.3 | 7.3 | 7.9 | 98 | | 1.22 | 58 | | 19.98 | 20.09 | 13.32 |
| 9.0 | 1342 | 35.0 | | | 0.31 | 2.3 | 7.3 | 7.9 | 98 | | 1.22 | 58 | | 19.98 | 20.09 | 13.32 |
| 9.0 | 1342 | 36.0 | | | 0.31 | 2.4 | 7.3 | 7.9 | 98 | | 1.21 | 58 | | 19.98 | 20.09 | 13.32 |
| 9.0 | 1342 | 37.0 | | | 0.31 | 2.4 | 7.3 | 7.9 | 98 | | 1.19 | 57 | | 19.97 | 20.09 | 13.32 |
| 10.0 | 1329 | 1.0 | | | 0.45 | 3.9 | 7.2 | 7.8 | 98 | | 0.27 | 19 | 1.9 | 18.65 | 20.81 | 12.15 |
| 10.0 | 1329 | 2.0 | | | 0.40 | 3.4 | 7.3 | 7.9 | 99 | | 0.31 | 21 | | 19.15 | 20.38 | 12.62 |
| 10.0 | 1329 | 3.0 | | | 0.37 | 3.0 | 7.3 | 7.9 | 99 | | 0.33 | 22 | | 19.28 | 20.44 | 12.71 |
| 10.0 | 1329 | 4.0 | | | 0.34 | 2.7 | 7.3 | 7.9 | 99 | | 0.30 | 20 | | 19.40 | 20.36 | 12.82 |
| 10.0 | 1329 | 5.0 | | | 0.33 | 2.6 | 7.4 | 7.9 | 99 | | 0.29 | 20 | | 19.47 | 20.36 | 12.88 |
| 10.0 | 1329 | 6.0 | | | 0.35 | 2.8 | 7.4 | 7.9 | 99 | | 0.28 | 20 | | 19.56 | 20.35 | 12.95 |
| 10.0 | 1329 | 7.0 | | | 0.37 | 3.1 | 7.4 | 7.9 | 99 | | 0.28 | 19 | | 19.70 | 20.32 | 13.06 |
| 10.0 | 1329 | 8.0 | | | 0.38 | 3.2 | 7.3 | 7.9 | 99 | | 0.29 | 20 | | 19.83 | 20.29 | 13.17 |
| 10.0 | 1329 | 9.0 | | | 0.36 | 2.9 | 7.3 | 7.9 | 98 | | 0.28 | 19 | | 20.01 | 20.22 | 13.32 |
| 10.0 | 1329 | 10.0 | | | 0.32 | 2.5 | 7.3 | 7.9 | 98 | | 0.31 | 21 | | 20.17 | 20.08 | 13.48 |
| 10.0 | 1329 | 11.0 | | | 0.30 | 2.3 | 7.3 | 7.9 | 98 | | 0.36 | 23 | | 20.35 | 20.03 | 13.62 |
| 10.0 | 1329 | 12.0 | | | 0.29 | 2.2 | 7.3 | 7.9 | 98 | | 0.39 | 24 | | 20.40 | 20.03 | 13.65 |
| 10.0 | 1329 | 13.0 | | | 0.29 | 2.1 | 7.3 | 7.9 | 98 | | 0.45 | 26 | | 20.50 | 20.03 | 13.73 |
| 10.0 | 1329 | 14.0 | | | 0.28 | 2.1 | 7.3 | 7.9 | 98 | | 0.44 | 26 | | 20.60 | 20.02 | 13.81 |

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| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 10.0 | 1329 | 15.0 | | | 0.28 | 2.1 | | 7.3 | 7.9 | 99 | | 0.42 | 25 | | 20.65 | 20.01 | 13.85 |
| 10.0 | 1329 | 16.0 | | | 0.28 | 2.1 | | 7.3 | 7.9 | 98 | | 0.45 | 26 | | 20.72 | 20.02 | 13.90 |
| 10.0 | 1329 | 17.0 | | | 0.28 | 2.1 | | 7.3 | 7.9 | 98 | | 0.50 | 29 | | 20.74 | 20.02 | 13.91 |
| 10.0 | 1329 | 18.0 | | | 0.28 | 2.1 | | 7.3 | 7.9 | 98 | | 0.60 | 33 | | 20.75 | 20.02 | 13.92 |
| 11.0 | 1305 | 1.0 | | | 0.34 | 2.7 | | 7.1 | 7.8 | 98 | | 0.28 | 19 | 1.8 | 20.24 | 20.84 | 13.34 |
| 11.0 | 1305 | 2.0 | | | 0.35 | 2.8 | | 7.1 | 7.8 | 98 | | 0.25 | 18 | | 20.55 | 20.41 | 13.68 |
| 11.0 | 1305 | 3.0 | | | 0.34 | 2.7 | | 7.2 | 7.8 | 98 | | 0.23 | 17 | | 21.04 | 20.06 | 14.13 |
| 11.0 | 1305 | 4.0 | | | 0.32 | 2.5 | | 7.2 | 7.8 | 98 | | 0.20 | 16 | | 21.31 | 19.97 | 14.36 |
| 11.0 | 1305 | 5.0 | | | 0.30 | 2.3 | | 7.1 | 7.8 | 97 | | 0.29 | 20 | | 21.79 | 19.82 | 14.77 |
| 11.0 | 1305 | 6.0 | | | 0.29 | 2.1 | | 7.2 | 7.8 | 97 | | 0.36 | 23 | | 22.24 | 19.73 | 15.13 |
| 11.0 | 1305 | 7.0 | | | 0.29 | 2.1 | | 7.2 | 7.8 | 98 | | 0.40 | 24 | | 22.57 | 19.65 | 15.39 |
| 11.0 | 1305 | 8.0 | | | 0.29 | 2.1 | | 7.1 | 7.7 | 97 | | 0.40 | 24 | | 22.80 | 19.60 | 15.58 |
| 11.0 | 1305 | 9.0 | | | 0.29 | 2.2 | | 7.1 | 7.7 | 97 | | 0.42 | 25 | | 23.35 | 19.49 | 16.02 |
| 11.0 | 1305 | 10.0 | | | 0.31 | 2.4 | | 7.1 | 7.7 | 97 | | 0.52 | 29 | | 23.72 | 19.41 | 16.32 |
| 11.0 | 1305 | 11.0 | | | 0.32 | 2.5 | | 7.1 | 7.7 | 97 | | 0.71 | 37 | | 23.84 | 19.38 | 16.43 |
| 11.0 | 1305 | 12.0 | | | 0.32 | 2.5 | | 7.1 | 7.7 | 97 | | 0.96 | 47 | | 24.14 | 19.32 | 16.67 |
| 11.0 | 1305 | 13.0 | | | 0.33 | 2.6 | | 7.1 | 7.7 | 97 | | 1.31 | 62 | | 24.29 | 19.28 | 16.79 |
| 11.0 | 1305 | 14.0 | | | 0.33 | 2.6 | | 7.1 | 7.8 | 98 | | 2.33 | 104 | | 24.37 | 19.32 | 16.84 |
| 12.0 | 1247 | 1.0 | | | 0.98 | 9.6 | | 7.8 | 8.3 | 105 | | 0.14 | 14 | 1.5 | 20.88 | 20.70 | 13.86 |
| 12.0 | 1247 | 2.0 | | | 0.97 | 9.5 | | 8.0 | 8.4 | 106 | | 0.13 | 13 | | 21.09 | 20.36 | 14.10 |
| 12.0 | 1247 | 3.0 | | | 0.74 | 7.0 | | 7.7 | 8.2 | 104 | | 0.12 | 13 | | 21.23 | 20.40 | 14.20 |
| 12.0 | 1247 | 4.0 | | | 0.49 | 4.3 | | 7.0 | 7.7 | 97 | | 0.11 | 12 | | 21.88 | 20.05 | 14.77 |
| 12.0 | 1247 | 5.0 | | | 0.35 | 2.8 | | 6.9 | 7.5 | 95 | | 0.11 | 12 | | 24.70 | 19.14 | 17.14 |
| 12.0 | 1247 | 6.0 | | | 0.28 | 2.0 | | 7.0 | 7.6 | 96 | | 0.10 | 12 | | 25.95 | 18.72 | 18.19 |
| 12.0 | 1247 | 7.0 | | | 0.25 | 1.7 | | 7.0 | 7.7 | 96 | | 0.12 | 13 | | 26.04 | 18.69 | 18.26 |
| 12.0 | 1247 | 8.0 | | | 0.24 | 1.6 | | 7.0 | 7.7 | 96 | | 0.15 | 14 | | 26.11 | 18.66 | 18.32 |
| 12.0 | 1247 | 9.0 | | | 0.24 | 1.6 | | 7.1 | 7.7 | 97 | | 0.20 | 16 | | 26.34 | 18.58 | 18.52 |
| 13.0 | 1223 | 1.0 | | | 0.45 | 3.9 | | 7.7 | 8.2 | 104 | | 0.05 | 10 | 1.2 | 23.19 | 20.18 | 15.74 |
| 13.0 | 1223 | 2.0 | | | 0.46 | 4.0 | | 7.2 | 7.8 | 99 | 9.0 | 0.03 | 9 | | 23.39 | 19.95 | 15.94 |
| 13.0 | 1223 | 3.0 | 3.9 | 0.81 | 0.38 | 3.2 | | 7.0 | 7.7 | 97 | | 0.03 | 9 | | 24.29 | 19.25 | 16.80 |
| 13.0 | 1223 | 4.0 | | | 0.31 | 2.4 | | 7.0 | 7.7 | 96 | | 0.03 | 9 | | 24.95 | 18.90 | 17.39 |
| 13.0 | 1223 | 5.0 | | | 0.27 | 2.0 | | 7.0 | 7.7 | 96 | | 0.04 | 9 | | 25.66 | 18.65 | 17.98 |
| 13.0 | 1223 | 6.0 | | | 0.24 | 1.6 | | 6.9 | 7.6 | 95 | | 0.03 | 9 | | 26.44 | 18.49 | 18.62 |
| 13.0 | 1223 | 7.0 | | | 0.22 | 1.4 | | 6.9 | 7.6 | 95 | | 0.05 | 10 | | 26.79 | 18.35 | 18.91 |
| 13.0 | 1223 | 8.0 | | | 0.22 | 1.4 | | 7.0 | 7.6 | 95 | | 0.06 | 10 | | 27.23 | 18.16 | 19.29 |
| 13.0 | 1223 | 9.0 | | | 0.21 | 1.3 | | 7.0 | 7.7 | 96 | | 0.05 | 10 | | 27.37 | 18.10 | 19.41 |
| 13.0 | 1223 | 10.0 | 1.2 | 0.59 | 0.21 | 1.3 | | 7.1 | 7.7 | 97 | | 0.12 | 13 | | 27.40 | 18.26 | 19.40 |
| 14.0 | 1205 | 1.0 | | | 0.28 | 2.1 | | 6.9 | 7.6 | 96 | | 0.01 | 8 | 1.1 | 25.64 | 19.33 | 17.80 |
| 14.0 | 1205 | 2.0 | | | 0.28 | 2.1 | | 6.8 | 7.5 | 94 | | 0.00 | 8 | | 26.40 | 18.60 | 18.56 |

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| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------------|-------------|-------|-------|-------|-------|
| 14.0 | 1205 | 3.0 | | | 0.27 | 2.0 | | 6.9 | 7.6 | 95 | | 0.01 | 8 | | 26.99 | 18.15 | 19.12 |
| 14.0 | 1205 | 4.0 | | | 0.26 | 1.8 | | 6.9 | 7.6 | 95 | | 0.01 | 8 | | 27.42 | 17.99 | 19.48 |
| 14.0 | 1205 | 5.0 | | | 0.24 | 1.7 | | 7.0 | 7.6 | 95 | | 0.02 | 9 | | 27.63 | 17.91 | 19.66 |
| 14.0 | 1205 | 6.0 | | | 0.24 | 1.7 | | 7.0 | 7.6 | 95 | | 0.04 | 9 | | 27.72 | 17.90 | 19.73 |
| 14.0 | 1205 | 7.0 | | | 0.23 | 1.6 | | 7.0 | 7.6 | 95 | | 0.05 | 10 | | 27.77 | 17.89 | 19.77 |
| 14.0 | 1205 | 8.0 | | | 0.22 | 1.4 | | 7.0 | 7.6 | 95 | | 0.07 | 11 | | 27.85 | 17.88 | 19.83 |
| 14.0 | 1205 | 9.0 | | | 0.22 | 1.4 | | 7.0 | 7.6 | 95 | | 0.10 | 12 | | 27.90 | 17.87 | 19.88 |
| 14.0 | 1205 | 10.0 | | | 0.23 | 1.5 | | 7.0 | 7.6 | 95 | | 0.15 | 14 | | 27.95 | 17.86 | 19.92 |
| 14.0 | 1205 | 11.0 | | | 0.23 | 1.5 | | 7.0 | 7.6 | 95 | | 0.18 | 15 | | 28.00 | 17.85 | 19.96 |
| 14.0 | 1205 | 12.0 | | | 0.23 | 1.6 | | 7.0 | 7.6 | 95 | | 0.17 | 15 | | 28.04 | 17.83 | 20.00 |
| 14.0 | 1205 | 13.0 | | | 0.24 | 1.7 | | 6.9 | 7.6 | 95 | | 0.18 | 15 | | 28.07 | 17.81 | 20.02 |
| 14.0 | 1205 | 14.0 | | | 0.24 | 1.7 | | 7.0 | 7.6 | 95 | | 0.21 | 16 | | 28.08 | 17.80 | 20.03 |
| 15.0 | 1144 | 1.0 | | | 0.38 | 3.1 | | 7.5 | 8.0 | 101 | | 0.03 | 9 | 1.2 | 24.74 | 19.25 | 17.14 |
| 15.0 | 1144 | 2.0 | | 0.71 | 0.39 | 3.3 | 7.9 | 7.3 | 7.9 | 99 | 9.5 | 0.02 | 9 | | 24.96 | 19.15 | 17.33 |
| 15.0 | 1144 | 3.0 | | | 0.34 | 2.8 | | 7.1 | 7.7 | 97 | | 0.01 | 8 | | 25.70 | 18.86 | 17.97 |
| 15.0 | 1144 | 4.0 | | | 0.29 | 2.2 | | 6.9 | 7.6 | 95 | | 0.00 | 8 | | 26.35 | 18.52 | 18.54 |
| 15.0 | 1144 | 5.0 | | | 0.26 | 1.9 | | 6.9 | 7.6 | 94 | | 0.03 | 9 | | 27.05 | 18.19 | 19.15 |
| 15.0 | 1144 | 6.0 | | | 0.25 | 1.7 | | 6.9 | 7.6 | 95 | | 0.04 | 9 | | 27.46 | 17.90 | 19.53 |
| 15.0 | 1144 | 7.0 | | | 0.24 | 1.6 | | 6.9 | 7.6 | 94 | | 0.04 | 9 | | 27.76 | 17.82 | 19.77 |
| 15.0 | 1144 | 8.0 | | | 0.23 | 1.5 | | 6.9 | 7.6 | 95 | | 0.04 | 10 | | 28.21 | 17.68 | 20.15 |
| 15.0 | 1144 | 9.0 | | | 0.22 | 1.4 | | 6.8 | 7.5 | 94 | | 0.08 | 11 | | 28.41 | 17.65 | 20.31 |
| 15.0 | 1144 | 10.0 | | | 0.22 | 1.4 | | 6.9 | 7.6 | 94 | | 0.10 | 12 | | 28.68 | 17.48 | 20.56 |
| 15.0 | 1144 | 11.0 | | | 0.23 | 1.6 | | 6.9 | 7.6 | 94 | | 0.10 | 12 | | 28.80 | 17.40 | 20.67 |
| 15.0 | 1144 | 12.0 | | | 0.25 | 1.7 | | 6.9 | 7.6 | 94 | | 0.10 | 12 | | 28.83 | 17.38 | 20.70 |
| 15.0 | 1144 | 13.0 | | | 0.25 | 1.8 | | 6.9 | 7.6 | 94 | | 0.11 | 12 | | 28.90 | 17.33 | 20.77 |
| 15.0 | 1144 | 14.0 | | | 0.25 | 1.8 | | 6.9 | 7.6 | 94 | | 0.10 | 12 | | 28.99 | 17.28 | 20.85 |
| 15.0 | 1144 | 15.0 | | | 0.26 | 1.8 | | 6.9 | 7.6 | 94 | | 0.10 | 12 | | 29.14 | 17.19 | 20.98 |
| 15.0 | 1144 | 16.0 | | | 0.27 | 2.0 | | 6.9 | 7.6 | 94 | | 0.11 | 12 | | 29.32 | 17.08 | 21.14 |
| 15.0 | 1144 | 17.0 | | | 0.29 | 2.1 | | 6.9 | 7.6 | 94 | | 0.12 | 13 | | 29.39 | 17.03 | 21.21 |
| 15.0 | 1144 | 18.0 | | | 0.29 | 2.2 | | 6.9 | 7.6 | 94 | | 0.13 | 13 | | 29.43 | 17.01 | 21.24 |
| 15.0 | 1144 | 19.0 | | | 0.27 | 2.0 | | 6.9 | 7.6 | 94 | | 0.17 | 15 | | 29.45 | 16.99 | 21.26 |
| 15.0 | 1144 | 20.0 | | | 0.27 | 1.9 | | 6.9 | 7.6 | 94 | | 0.22 | 17 | | 29.46 | 16.99 | 21.27 |
| 15.0 | 1144 | 21.0 | | | 0.27 | 2.0 | | 6.9 | 7.6 | 94 | | 0.25 | 18 | | 29.46 | 16.99 | 21.27 |
| 15.0 | 1144 | 22.0 | | | 0.28 | 2.0 | | 6.9 | 7.6 | 94 | | 0.29 | 20 | | 29.46 | 16.99 | 21.27 |
| 15.0 | 1144 | 23.0 | | | 0.28 | 2.1 | | 6.9 | 7.6 | 94 | | 0.32 | 21 | | 29.46 | 16.99 | 21.27 |
| 15.0 | 1144 | 24.0 | | 0.44 | 0.28 | 2.1 | | 6.9 | 7.6 | 94 | | 0.37 | 23 | | 29.46 | 16.99 | 21.27 |
| 16.0 | 1117 | 1.0 | | | 0.46 | 4.0 | | 7.1 | 7.7 | 97 | | 0.00 | 8 | 0.9 | 24.80 | 18.93 | 17.26 |
| 16.0 | 1117 | 2.0 | | | 0.47 | 4.2 | | 6.9 | 7.5 | 94 | | 0.00 | 8 | | 27.67 | 17.71 | 19.74 |
| 16.0 | 1117 | 3.0 | | | 0.42 | 3.6 | | 6.9 | 7.5 | 93 | | 0.00 | 8 | | 29.72 | 16.85 | 21.50 |
| 16.0 | 1117 | 4.0 | | | 0.37 | 3.1 | | 6.8 | 7.5 | 93 | | 0.00 | 8 | | 30.32 | 16.55 | 22.02 |
| 16.0 | 1117 | 5.0 | | | 0.33 | 2.6 | | 6.9 | 7.6 | 93 | | 0.00 | 8 | | 30.79 | 16.29 | 22.45 |

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| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------------|-------------|-------|-------|-------|-------|
| 16.0 | 1117 | 6.0 | | | 0.31 | 2.4 | | 6.9 | 7.6 | 94 | | 0.00 | 8 | | 30.81 | 16.27 | 22.47 |
| 16.0 | 1117 | 7.0 | | | 0.31 | 2.4 | | 7.0 | 7.6 | 94 | | 0.00 | 8 | | 30.83 | 16.26 | 22.49 |
| 16.0 | 1117 | 8.0 | | | 0.32 | 2.5 | | 7.0 | 7.7 | 94 | | 0.00 | 8 | | 30.83 | 16.26 | 22.49 |
| 16.0 | 1117 | 9.0 | | | 0.31 | 2.4 | | 7.0 | 7.7 | 95 | | 0.00 | 8 | | 30.83 | 16.25 | 22.49 |
| 16.0 | 1117 | 10.0 | | | 0.31 | 2.4 | | 7.0 | 7.7 | 95 | | 0.00 | 8 | | 30.84 | 16.25 | 22.50 |
| 16.0 | 1117 | 11.0 | | | 0.31 | 2.3 | | 7.0 | 7.7 | 95 | | 0.00 | 8 | | 30.84 | 16.25 | 22.50 |
| 16.0 | 1117 | 12.0 | | | 0.30 | 2.2 | | 7.1 | 7.7 | 95 | | 0.00 | 8 | | 30.84 | 16.25 | 22.49 |
| 16.0 | 1117 | 13.0 | | | 0.31 | 2.4 | | 7.0 | 7.7 | 95 | | 0.00 | 8 | | 30.84 | 16.25 | 22.50 |
| 16.0 | 1117 | 14.0 | | | 0.32 | 2.5 | | 7.0 | 7.7 | 95 | | 0.00 | 8 | | 30.84 | 16.25 | 22.50 |
| 16.0 | 1117 | 15.0 | | | 0.31 | 2.4 | | 7.0 | 7.7 | 95 | | 0.00 | 8 | | 30.85 | 16.24 | 22.50 |
| 17.0 | 1058 | 1.0 | | | 0.34 | 2.7 | | 6.8 | 7.5 | 93 | | 0.00 | 8 | 0.8 | 29.48 | 17.19 | 21.24 |
| 17.0 | 1058 | 2.0 | | | 0.33 | 2.6 | | 6.9 | 7.6 | 94 | | 0.00 | 8 | | 30.19 | 16.71 | 21.89 |
| 17.0 | 1058 | 3.0 | | | 0.32 | 2.5 | | 6.9 | 7.5 | 93 | | 0.00 | 8 | | 30.54 | 16.62 | 22.18 |
| 17.0 | 1058 | 4.0 | | | 0.31 | 2.4 | | 6.8 | 7.5 | 92 | | 0.00 | 8 | | 30.75 | 16.45 | 22.39 |
| 17.0 | 1058 | 5.0 | | | 0.30 | 2.3 | | 6.8 | 7.5 | 92 | | 0.00 | 8 | | 31.08 | 16.19 | 22.69 |
| 17.0 | 1058 | 6.0 | | | 0.32 | 2.5 | | 6.8 | 7.5 | 92 | | 0.00 | 8 | | 31.28 | 15.96 | 22.90 |
| 17.0 | 1058 | 7.0 | | | 0.35 | 2.8 | | 6.8 | 7.5 | 92 | | 0.00 | 8 | | 31.45 | 15.79 | 23.07 |
| 17.0 | 1058 | 8.0 | | | 0.39 | 3.2 | | 7.0 | 7.6 | 93 | | 0.00 | 8 | | 31.77 | 15.48 | 23.38 |
| 17.0 | 1058 | 9.0 | | | 0.45 | 3.9 | | 7.2 | 7.8 | 95 | | 0.00 | 8 | | 32.04 | 15.22 | 23.65 |
| 17.0 | 1058 | 10.0 | | | 0.50 | 4.4 | | 7.3 | 7.9 | 96 | | 0.00 | 8 | | 32.12 | 15.14 | 23.72 |
| 17.0 | 1058 | 11.0 | | | 0.50 | 4.4 | | 7.3 | 7.9 | 96 | | 0.00 | 8 | | 32.11 | 15.15 | 23.72 |
| 17.0 | 1058 | 12.0 | | | 0.51 | 4.6 | | 7.4 | 7.9 | 96 | | 0.06 | 10 | | 32.11 | 15.15 | 23.71 |
| 17.0 | 1058 | 13.0 | | | 0.52 | 4.7 | | 7.4 | 8.0 | 97 | | 0.05 | 10 | | 32.11 | 15.15 | 23.71 |
| 18.0 | 1037 | 1.0 | | | 0.32 | 2.5 | | 6.9 | 7.6 | 94 | | 0.07 | 11 | 0.7 | 30.06 | 16.83 | 21.76 |
| 18.0 | 1037 | 2.0 | | | 0.33 | 2.6 | | 6.9 | 7.6 | 94 | | 0.06 | 10 | | 30.66 | 16.43 | 22.32 |
| 18.0 | 1037 | 3.0 | 2.7 | 0.72 | 0.36 | 2.9 | 7.4 | 6.9 | 7.6 | 94 | 4.6 | 0.06 | 10 | | 30.87 | 16.24 | 22.52 |
| 18.0 | 1037 | 4.0 | | | 0.40 | 3.3 | | 6.8 | 7.5 | 92 | | 0.06 | 10 | | 31.02 | 16.08 | 22.67 |
| 18.0 | 1037 | 5.0 | | | 0.43 | 3.7 | | 7.1 | 7.8 | 95 | | 0.05 | 10 | | 31.83 | 15.40 | 23.44 |
| 18.0 | 1037 | 6.0 | | | 0.48 | 4.2 | | 7.2 | 7.8 | 95 | | 0.04 | 9 | | 31.93 | 15.31 | 23.54 |
| 18.0 | 1037 | 7.0 | | | 0.49 | 4.3 | | 7.3 | 7.9 | 96 | | 0.03 | 9 | | 32.05 | 15.19 | 23.66 |
| 18.0 | 1037 | 8.0 | | | 0.49 | 4.3 | | 7.3 | 7.9 | 96 | | 0.02 | 9 | | 32.07 | 15.16 | 23.68 |
| 18.0 | 1037 | 9.0 | | | 0.48 | 4.2 | | 7.4 | 8.0 | 96 | | 0.02 | 9 | | 32.11 | 15.11 | 23.72 |
| 18.0 | 1037 | 10.0 | | | 0.45 | 3.9 | | 7.4 | 8.0 | 97 | | 0.02 | 9 | | 32.20 | 15.03 | 23.81 |
| 18.0 | 1037 | 11.0 | | | 0.46 | 4.1 | | 7.5 | 8.0 | 97 | | 0.02 | 9 | | 32.20 | 15.02 | 23.81 |
| 18.0 | 1037 | 12.0 | | | 0.48 | 4.3 | | 7.5 | 8.0 | 97 | | 0.02 | 8 | | 32.20 | 15.01 | 23.82 |
| 18.0 | 1037 | 13.0 | | | 0.50 | 4.4 | | 7.5 | 8.1 | 98 | | 0.02 | 9 | | 32.21 | 15.01 | 23.82 |
| 18.0 | 1037 | 14.0 | | | 0.51 | 4.6 | | 7.5 | 8.1 | 98 | | 0.02 | 9 | | 32.21 | 15.01 | 23.82 |
| 18.0 | 1037 | 15.0 | | | 0.53 | 4.8 | | 7.5 | 8.1 | 98 | | 0.03 | 9 | | 32.21 | 15.00 | 23.83 |
| 18.0 | 1037 | 16.0 | | | 0.55 | 5.0 | | 7.5 | 8.1 | 98 | | 0.03 | 9 | | 32.22 | 15.00 | 23.83 |
| 18.0 | 1037 | 17.0 | | | 0.51 | 4.5 | | 7.5 | 8.1 | 98 | | 0.04 | 9 | | 32.22 | 15.00 | 23.83 |
| 18.0 | 1037 | 18.0 | | | 0.48 | 4.2 | | 7.5 | 8.1 | 98 | | 0.05 | 10 | | 32.22 | 15.00 | 23.83 |

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| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-----|-------|-------|-------|-------|
| 18.0 | 1037 | 19.0 | | | 0.50 | 4.4 | | 7.5 | 8.1 | 98 | | 0.05 | 10 | | 32.22 | 15.00 | 23.83 |
| 18.0 | 1037 | 20.0 | | | 0.49 | 4.3 | | 7.6 | 8.1 | 98 | | 0.05 | 10 | | 32.22 | 15.00 | 23.83 |
| 18.0 | 1037 | 21.0 | | | 0.50 | 4.4 | | 7.6 | 8.1 | 98 | | 0.05 | 10 | | 32.22 | 15.00 | 23.83 |
| 18.0 | 1037 | 22.0 | | | 0.52 | 4.7 | | 7.6 | 8.1 | 98 | | 0.05 | 10 | | 32.22 | 15.00 | 23.83 |
| 18.0 | 1037 | 23.0 | | | 0.50 | 4.4 | | 7.6 | 8.1 | 98 | | 0.05 | 10 | | 32.22 | 15.00 | 23.83 |
| 18.0 | 1037 | 24.0 | | | 0.49 | 4.3 | | 7.6 | 8.1 | 98 | | 0.05 | 10 | | 32.22 | 15.00 | 23.83 |
| 18.0 | 1037 | 25.0 | | | 0.53 | 4.8 | | 7.6 | 8.1 | 98 | | 0.05 | 10 | | 32.23 | 15.00 | 23.84 |
| 18.0 | 1037 | 26.0 | | | 0.53 | 4.7 | | 7.6 | 8.1 | 99 | | 0.06 | 10 | | 32.23 | 15.00 | 23.84 |
| 18.0 | 1037 | 27.0 | | | 0.51 | 4.5 | | 7.6 | 8.1 | 98 | | 0.05 | 10 | | 32.23 | 15.00 | 23.84 |
| 18.0 | 1037 | 28.0 | | | 0.50 | 4.4 | | 7.6 | 8.1 | 98 | | 0.05 | 10 | | 32.23 | 15.00 | 23.84 |
| 18.0 | 1037 | 29.0 | | | 0.47 | 4.2 | | 7.6 | 8.1 | 99 | | 0.06 | 10 | | 32.23 | 15.00 | 23.84 |
| 18.0 | 1037 | 30.0 | | | 0.46 | 4.0 | | 7.6 | 8.1 | 99 | | 0.05 | 10 | | 32.23 | 15.00 | 23.84 |
| 18.0 | 1037 | 31.0 | | | 0.48 | 4.3 | | 7.6 | 8.1 | 99 | | 0.05 | 10 | | 32.23 | 15.00 | 23.84 |
| 18.0 | 1037 | 32.0 | | | 0.52 | 4.6 | | 7.6 | 8.1 | 99 | | 0.05 | 10 | | 32.23 | 15.00 | 23.84 |
| 18.0 | 1037 | 33.0 | | | 0.53 | 4.8 | | 7.6 | 8.1 | 99 | | 0.05 | 10 | | 32.23 | 15.00 | 23.84 |
| 18.0 | 1037 | 34.0 | | | 0.52 | 4.7 | | 7.6 | 8.2 | 99 | | 0.06 | 10 | | 32.23 | 14.99 | 23.84 |
| 18.0 | 1037 | 35.0 | | | 0.50 | 4.4 | | 7.6 | 8.1 | 99 | | 0.00 | 8 | | 32.24 | 14.99 | 23.84 |
| 18.0 | 1037 | 36.0 | | | 0.50 | 4.4 | | 7.6 | 8.2 | 99 | | 0.00 | 8 | | 32.24 | 14.99 | 23.84 |
| 18.0 | 1037 | 37.0 | | | 0.50 | 4.5 | | 7.6 | 8.2 | 99 | | 0.00 | 8 | | 32.24 | 14.99 | 23.85 |
| 18.0 | 1037 | 38.0 | | | 0.50 | 4.5 | | 7.6 | 8.2 | 99 | | 0.00 | 8 | | 32.24 | 14.99 | 23.85 |
| 18.0 | 1037 | 39.0 | | | 0.50 | 4.4 | | 7.6 | 8.2 | 99 | | 0.00 | 8 | | 32.24 | 14.98 | 23.85 |
| 18.0 | 1037 | 40.0 | | | 0.52 | 4.7 | | 7.6 | 8.1 | 99 | | 0.00 | 8 | | 32.24 | 14.98 | 23.85 |
| 18.0 | 1037 | 41.0 | | | 0.53 | 4.8 | | 7.6 | 8.2 | 99 | | 0.00 | 8 | | 32.25 | 14.97 | 23.86 |
| 20.0 | 1018 | 1.0 | | | 0.34 | 2.7 | | 7.2 | 7.9 | 97 | | 0.04 | 10 | 0.6 | 31.21 | 16.18 | 22.80 |
| 20.0 | 1018 | 2.0 | | | 0.34 | 2.7 | | 7.2 | 7.8 | 96 | | 0.04 | 9 | | 31.10 | 16.29 | 22.69 |
| 20.0 | 1018 | 3.0 | | | 0.36 | 2.9 | | 7.1 | 7.7 | 95 | | 0.04 | 9 | | 31.18 | 16.21 | 22.76 |
| 20.0 | 1018 | 4.0 | | | 0.37 | 3.1 | | 7.1 | 7.7 | 95 | | 0.04 | 9 | | 31.32 | 16.04 | 22.91 |
| 20.0 | 1018 | 5.0 | | | 0.37 | 3.1 | | 7.1 | 7.7 | 95 | | 0.03 | 9 | | 31.37 | 15.98 | 22.96 |
| 20.0 | 1018 | 6.0 | | | 0.36 | 3.0 | | 7.1 | 7.7 | 95 | | 0.03 | 9 | | 31.43 | 15.90 | 23.03 |
| 20.0 | 1018 | 7.0 | | | 0.38 | 3.1 | | 7.1 | 7.7 | 95 | | 0.03 | 9 | | 31.49 | 15.82 | 23.09 |
| 20.0 | 1018 | 8.0 | | | 0.38 | 3.1 | | 7.1 | 7.8 | 95 | | 0.03 | 9 | | 31.53 | 15.77 | 23.13 |
| 20.0 | 1018 | 9.0 | | | 0.36 | 2.9 | | 7.1 | 7.7 | 95 | | 0.03 | 9 | | 31.63 | 15.68 | 23.23 |
| 20.0 | 1018 | 10.0 | | | 0.37 | 3.0 | | 7.1 | 7.8 | 95 | | 0.05 | 10 | | 31.74 | 15.58 | 23.33 |
| 20.0 | 1018 | 11.0 | | | 0.39 | 3.2 | | 7.2 | 7.8 | 95 | | 0.06 | 10 | | 31.74 | 15.57 | 23.33 |
| 20.0 | 1018 | 12.0 | | | 0.38 | 3.2 | | 7.2 | 7.8 | 95 | | 0.08 | 11 | | 31.74 | 15.57 | 23.34 |
| 20.0 | 1018 | 13.0 | | | 0.38 | 3.2 | | 7.1 | 7.7 | 95 | | 0.07 | 11 | | 31.77 | 15.55 | 23.36 |
| 20.0 | 1018 | 14.0 | | | 0.39 | 3.3 | | 7.1 | 7.8 | 95 | | 0.07 | 11 | | 31.84 | 15.47 | 23.43 |
| 20.0 | 1018 | 15.0 | | | 0.42 | 3.5 | | 7.3 | 7.9 | 96 | | 0.07 | 11 | | 31.98 | 15.32 | 23.57 |
| 20.0 | 1018 | 16.0 | | | 0.42 | 3.6 | | 7.4 | 8.0 | 97 | | 0.05 | 10 | | 32.06 | 15.22 | 23.66 |
| 20.0 | 1018 | 17.0 | | | 0.42 | 3.6 | | 7.4 | 8.0 | 97 | | 0.05 | 10 | | 32.09 | 15.19 | 23.68 |
| 20.0 | 1018 | 18.0 | | | 0.42 | 3.6 | | 7.4 | 8.0 | 97 | | 0.06 | 10 | | 32.09 | 15.19 | 23.69 |
| 20.0 | 1018 | 19.0 | | | 0.42 | 3.6 | | 7.5 | 8.0 | 98 | | 0.08 | 11 | | 32.09 | 15.19 | 23.69 |

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|-------------------------------|------|-------|-------|-------|-------|-------|-------|------|-------|---------------|------|----------------|-------|--------|-------|--------|-------|-----------|-------|-------|-----|
| STN | TIME | DEPTH | DISCR | | CHL a | FLUOR | CALC | | DISCR | OXYG | OXYG | CALC | % OXY | DISCR | OBS | CALC | EXCOF | SALIN | TEMP | SIGT | |
| | | | CHL a | a+PHA | | | CHL a | OXYG | | | | | | | | | | | | | SPM |
| 20.0 | 1018 | 20.0 | | | 3.7 | 0.43 | | | 7.5 | 8.1 | 98 | | | 0.07 | 11 | | | 32.09 | 15.18 | 23.69 | |
| 20.0 | 1018 | 21.0 | | | 4.1 | 0.47 | | | 7.5 | 8.1 | 98 | | | 0.08 | 11 | | | 32.10 | 15.18 | 23.69 | |
| 20.0 | 1018 | 22.0 | | | 4.6 | 0.52 | | | 7.5 | 8.1 | 98 | | | 0.07 | 11 | | | 32.10 | 15.18 | 23.70 | |
| 20.0 | 1018 | 23.0 | | | 4.9 | 0.54 | | | 7.5 | 8.1 | 98 | | | 0.05 | 10 | | | 32.11 | 15.16 | 23.71 | |
| 20.0 | 1018 | 24.0 | | | 4.7 | 0.52 | | | 7.5 | 8.1 | 98 | | | 0.06 | 10 | | | 32.14 | 15.14 | 23.74 | |
| 20.0 | 1018 | 25.0 | | | 4.8 | 0.54 | | | 7.6 | 8.1 | 98 | | | 0.10 | 12 | | | 32.15 | 15.12 | 23.75 | |
| 20.0 | 1018 | 26.0 | | | 5.2 | 0.57 | | | 7.5 | 8.1 | 98 | | | 0.09 | 12 | | | 32.16 | 15.10 | 23.76 | |
| 20.0 | 1018 | 27.0 | | | 5.2 | 0.57 | | | 7.6 | 8.1 | 98 | | | 0.10 | 12 | | | 32.19 | 15.07 | 23.80 | |
| 20.0 | 1018 | 28.0 | | | 5.2 | 0.57 | | | 7.6 | 8.1 | 99 | | | 0.16 | 14 | | | 32.22 | 15.03 | 23.83 | |
| | | | | | | | | | | n | | r ² | | Slope | | Inter. | | Std. Err. | | | |
| Fluorometer Calibration: | | | | | | | | | | 13 | | 0.769 | | 10.802 | | -0.966 | | 0.425 | | | |
| OBS Calibration: | | | | | | | | | | 8 | | 0.807 | | 41.296 | | 7.811 | | 5.566 | | | |
| Dissolved Oxygen Calibration: | | | | | | | | | | 8 | | 0.877 | | 0.799 | | 2.064 | | 0.151 | | | |

SeaBird v4.026

South San Francisco Bay

July 15, 1997

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| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 34.0 | 0628 | 1.0 | | | 0.69 | 3.6 | | 6.2 | 6.6 | | 0.42 | 25 | 1.9 | 26.83 | 22.23 | 17.97 |
| 34.0 | 0628 | 2.0 | 4.8 | 0.85 | 0.66 | 3.5 | 6.6 | 6.1 | 6.6 | 25.9 | 0.43 | 25 | | 27.17 | 22.11 | 18.25 |
| 34.0 | 0628 | 3.0 | | | 0.58 | 3.3 | | 6.1 | 6.6 | | 0.53 | 31 | | 27.60 | 22.02 | 18.60 |
| 34.0 | 0628 | 4.0 | | | 0.53 | 3.1 | | 6.1 | 6.6 | | 0.66 | 38 | | 27.92 | 22.02 | 18.84 |
| 34.0 | 0628 | 5.0 | | | 0.51 | 3.1 | | 6.1 | 6.6 | | 0.77 | 44 | | 27.99 | 22.01 | 18.90 |
| 34.0 | 0628 | 6.0 | | | 0.50 | 3.1 | | 6.1 | 6.6 | | 0.95 | 53 | | 27.99 | 22.01 | 18.90 |
| 34.0 | 0628 | 7.0 | | | 0.50 | 3.1 | | 6.1 | 6.6 | | 1.03 | 58 | | 27.99 | 22.01 | 18.90 |
| 34.0 | 0628 | 8.0 | 3.2 | 0.20 | 0.51 | 3.1 | | 6.1 | 6.6 | | 1.35 | 75 | | 27.99 | 22.01 | 18.90 |
| 32.0 | 0650 | 1.0 | | | 0.65 | 3.5 | | 6.6 | 7.0 | | 0.16 | 11 | 1.3 | 28.57 | 21.99 | 19.35 |
| 32.0 | 0650 | 2.0 | 3.9 | 0.91 | 0.66 | 3.5 | 6.9 | 6.7 | 7.1 | 9.4 | 0.16 | 11 | | 28.59 | 22.02 | 19.35 |
| 32.0 | 0650 | 3.0 | | | 0.70 | 3.6 | | 6.7 | 7.1 | | 0.16 | 11 | | 28.75 | 22.18 | 19.43 |
| 32.0 | 0650 | 4.0 | | | 0.73 | 3.7 | | 6.8 | 7.1 | | 0.16 | 11 | | 28.78 | 22.15 | 19.46 |
| 32.0 | 0650 | 5.0 | | | 0.76 | 3.8 | | 6.8 | 7.1 | | 0.17 | 11 | | 28.86 | 22.13 | 19.53 |
| 32.0 | 0650 | 6.0 | | | 0.80 | 3.9 | | 6.8 | 7.1 | | 0.18 | 12 | | 28.95 | 22.12 | 19.60 |
| 32.0 | 0650 | 7.0 | | | 0.84 | 4.0 | | 6.8 | 7.1 | | 0.20 | 13 | | 28.99 | 22.12 | 19.63 |
| 32.0 | 0650 | 8.0 | | | 0.86 | 4.0 | | 6.8 | 7.1 | | 0.26 | 16 | | 29.00 | 22.11 | 19.64 |
| 32.0 | 0650 | 9.0 | | | 0.87 | 4.0 | | 6.8 | 7.1 | | 0.32 | 20 | | 29.01 | 22.11 | 19.64 |
| 32.0 | 0650 | 10.0 | | | 0.86 | 4.0 | | 6.8 | 7.1 | | 0.37 | 22 | | 29.00 | 22.11 | 19.64 |
| 32.0 | 0650 | 11.0 | 3.0 | 0.51 | 0.86 | 4.0 | | 6.8 | 7.1 | | 0.43 | 26 | | 29.00 | 22.12 | 19.63 |
| 30.0 | 0725 | 1.0 | | | 0.45 | 2.9 | | 6.9 | 7.2 | | 0.21 | 14 | 1.3 | 29.32 | 22.09 | 19.88 |
| 30.0 | 0725 | 2.0 | 2.9 | 0.79 | 0.45 | 2.9 | 7.1 | 6.9 | 7.2 | 12.3 | 0.20 | 13 | | 29.32 | 22.09 | 19.88 |
| 30.0 | 0725 | 3.0 | | | 0.45 | 2.9 | | 6.9 | 7.2 | | 0.22 | 14 | | 29.32 | 22.09 | 19.88 |
| 30.0 | 0725 | 4.0 | | | 0.44 | 2.9 | | 6.9 | 7.2 | | 0.21 | 14 | | 29.31 | 22.09 | 19.88 |
| 30.0 | 0725 | 5.0 | | | 0.44 | 2.9 | | 6.9 | 7.2 | | 0.20 | 13 | | 29.31 | 22.09 | 19.88 |
| 30.0 | 0725 | 6.0 | | | 0.45 | 2.9 | | 6.9 | 7.2 | | 0.20 | 13 | | 29.32 | 22.09 | 19.88 |
| 30.0 | 0725 | 7.0 | | | 0.45 | 2.9 | | 6.9 | 7.2 | | 0.20 | 13 | | 29.32 | 22.09 | 19.88 |
| 30.0 | 0725 | 8.0 | | | 0.46 | 3.0 | | 6.9 | 7.2 | | 0.21 | 14 | | 29.32 | 22.10 | 19.88 |
| 30.0 | 0725 | 9.0 | | | 0.47 | 3.0 | | 6.9 | 7.2 | | 0.21 | 14 | | 29.32 | 22.10 | 19.88 |
| 30.0 | 0725 | 10.0 | | | 0.48 | 3.0 | | 6.9 | 7.2 | | 0.21 | 14 | | 29.32 | 22.10 | 19.88 |
| 30.0 | 0725 | 11.0 | | | 0.48 | 3.0 | | 6.9 | 7.2 | | 0.24 | 15 | | 29.32 | 22.10 | 19.88 |
| 30.0 | 0725 | 12.0 | | | 0.47 | 3.0 | | 6.9 | 7.2 | | 0.28 | 17 | | 29.32 | 22.10 | 19.88 |
| 30.0 | 0725 | 13.0 | 2.8 | 0.66 | 0.47 | 3.0 | | 6.9 | 7.2 | | 0.29 | 18 | | 29.32 | 22.11 | 19.88 |
| 29.0 | 0751 | 1.0 | | | 0.41 | 2.8 | | 6.7 | 7.1 | | 0.13 | 9 | 1.0 | 29.40 | 21.56 | 20.09 |
| 29.0 | 0751 | 2.0 | | | 0.41 | 2.8 | | 6.7 | 7.1 | | 0.15 | 10 | | 29.42 | 21.57 | 20.10 |
| 29.0 | 0751 | 3.0 | | | 0.40 | 2.8 | | 6.8 | 7.1 | | 0.15 | 11 | | 29.42 | 21.57 | 20.10 |
| 29.0 | 0751 | 4.0 | | | 0.40 | 2.8 | | 6.8 | 7.1 | | 0.17 | 12 | | 29.43 | 21.57 | 20.10 |
| 29.0 | 0751 | 5.0 | | | 0.40 | 2.8 | | 6.8 | 7.1 | | 0.18 | 12 | | 29.43 | 21.58 | 20.11 |
| 29.0 | 0751 | 6.0 | | | 0.40 | 2.8 | | 6.8 | 7.1 | | 0.17 | 12 | | 29.42 | 21.57 | 20.10 |
| 29.0 | 0751 | 7.0 | | | 0.41 | 2.8 | | 6.8 | 7.1 | | 0.18 | 12 | | 29.43 | 21.58 | 20.11 |
| 29.0 | 0751 | 8.0 | | | 0.41 | 2.8 | | 6.8 | 7.1 | | 0.17 | 12 | | 29.45 | 21.59 | 20.12 |

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| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR CHL a | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|----------------|------|--------------|--------------|--------------|------------|-------|-------|-------|-------|
| 29.0 | 0751 | 9.0 | | | 0.42 | 2.8 | | 6.8 | 7.1 | 97 | | 0.19 | | 29.48 | 21.61 | 20.14 |
| 29.0 | 0751 | 10.0 | | | 0.44 | 2.9 | | 6.8 | 7.2 | 97 | | 0.18 | | 29.53 | 21.63 | 20.17 |
| 29.0 | 0751 | 11.0 | | | 0.46 | 2.9 | | 6.9 | 7.2 | 97 | | 0.20 | | 29.55 | 21.63 | 20.18 |
| 29.0 | 0751 | 12.0 | | | 0.47 | 3.0 | | 6.9 | 7.2 | 97 | | 0.23 | | 29.54 | 21.63 | 20.18 |
| 29.0 | 0751 | 13.0 | | | 0.48 | 3.0 | | 6.8 | 7.2 | 97 | | 0.28 | | 29.54 | 21.63 | 20.18 |
| 29.0 | 0751 | 14.0 | | | 0.49 | 3.0 | | 6.8 | 7.2 | 97 | | 0.30 | | 29.54 | 21.63 | 20.18 |
| 29.0 | 0751 | 15.0 | | | 0.49 | 3.0 | | 6.8 | 7.2 | 97 | | 0.31 | | 29.55 | 21.63 | 20.18 |
| 27.0 | 0819 | 1.0 | | | 0.38 | 2.7 | | 6.9 | 7.2 | 97 | | 0.13 | 1.0 | 29.54 | 21.27 | 20.27 |
| 27.0 | 0819 | 2.0 | 2.1 | 0.56 | 0.37 | 2.7 | | 6.9 | 7.2 | 97 | 10.1 | 0.12 | | 29.54 | 21.26 | 20.27 |
| 27.0 | 0819 | 3.0 | | | 0.37 | 2.7 | | 6.9 | 7.2 | 97 | | 0.13 | | 29.54 | 21.26 | 20.28 |
| 27.0 | 0819 | 4.0 | | | 0.36 | 2.7 | | 6.9 | 7.2 | 97 | | 0.13 | | 29.55 | 21.26 | 20.28 |
| 27.0 | 0819 | 5.0 | | | 0.36 | 2.7 | | 6.9 | 7.2 | 97 | | 0.13 | | 29.55 | 21.26 | 20.28 |
| 27.0 | 0819 | 6.0 | | | 0.36 | 2.7 | | 6.9 | 7.2 | 97 | | 0.15 | | 29.55 | 21.26 | 20.28 |
| 27.0 | 0819 | 7.0 | | | 0.37 | 2.7 | | 6.9 | 7.2 | 97 | | 0.17 | | 29.55 | 21.25 | 20.29 |
| 27.0 | 0819 | 8.0 | | | 0.37 | 2.7 | | 6.9 | 7.2 | 97 | | 0.20 | | 29.55 | 21.25 | 20.29 |
| 27.0 | 0819 | 9.0 | | | 0.39 | 2.7 | | 6.9 | 7.2 | 97 | | 0.26 | | 29.56 | 21.25 | 20.29 |
| 27.0 | 0819 | 10.0 | | | 0.39 | 2.8 | | 6.9 | 7.2 | 97 | | 0.29 | | 29.55 | 21.26 | 20.29 |
| 27.0 | 0819 | 11.0 | | | 0.41 | 2.8 | | 6.9 | 7.2 | 97 | | 0.32 | | 29.56 | 21.26 | 20.29 |
| 27.0 | 0819 | 12.0 | 2.4 | 0.50 | 0.41 | 2.8 | | 6.9 | 7.2 | 97 | | 0.35 | | 29.56 | 21.26 | 20.29 |
| 25.0 | 0850 | 1.0 | | | 0.57 | 3.2 | | 7.1 | 7.4 | 97 | | 0.10 | 0.9 | 30.16 | 19.58 | 21.18 |
| 25.0 | 0850 | 2.0 | | | 0.56 | 3.2 | | 7.1 | 7.4 | 97 | | 0.09 | | 30.16 | 19.57 | 21.19 |
| 25.0 | 0850 | 3.0 | | | 0.55 | 3.2 | | 7.2 | 7.4 | 97 | | 0.10 | | 30.17 | 19.56 | 21.19 |
| 25.0 | 0850 | 4.0 | | | 0.54 | 3.2 | | 7.2 | 7.4 | 97 | | 0.10 | | 30.17 | 19.55 | 21.19 |
| 25.0 | 0850 | 5.0 | | | 0.55 | 3.2 | | 7.2 | 7.4 | 97 | | 0.11 | | 30.17 | 19.55 | 21.20 |
| 25.0 | 0850 | 6.0 | | | 0.55 | 3.2 | | 7.2 | 7.4 | 97 | | 0.11 | | 30.17 | 19.55 | 21.20 |
| 25.0 | 0850 | 7.0 | | | 0.53 | 3.1 | | 7.2 | 7.4 | 97 | | 0.11 | | 30.17 | 19.55 | 21.20 |
| 25.0 | 0850 | 8.0 | | | 0.54 | 3.2 | | 7.2 | 7.4 | 97 | | 0.11 | | 30.18 | 19.54 | 21.20 |
| 24.0 | 0908 | 1.0 | | | 0.34 | 2.6 | | 6.8 | 7.1 | 92 | | 0.10 | 0.9 | 30.45 | 18.71 | 21.62 |
| 24.0 | 0908 | 2.0 | 2.4 | 0.68 | 0.34 | 2.6 | 7.1 | 6.8 | 7.1 | 92 | 8.7 | 0.10 | | 30.45 | 18.71 | 21.62 |
| 24.0 | 0908 | 3.0 | | | 0.34 | 2.6 | | 6.8 | 7.1 | 92 | | 0.10 | | 30.45 | 18.69 | 21.63 |
| 24.0 | 0908 | 4.0 | | | 0.33 | 2.6 | | 6.8 | 7.1 | 92 | | 0.10 | | 30.45 | 18.69 | 21.63 |
| 24.0 | 0908 | 5.0 | | | 0.33 | 2.6 | | 6.8 | 7.1 | 92 | | 0.10 | | 30.46 | 18.67 | 21.64 |
| 24.0 | 0908 | 6.0 | | | 0.32 | 2.6 | | 6.8 | 7.1 | 92 | | 0.11 | | 30.46 | 18.67 | 21.64 |
| 24.0 | 0908 | 7.0 | | | 0.32 | 2.6 | | 6.8 | 7.1 | 92 | | 0.11 | | 30.46 | 18.67 | 21.64 |
| 24.0 | 0908 | 8.0 | | | 0.31 | 2.5 | | 6.8 | 7.1 | 92 | | 0.11 | | 30.46 | 18.67 | 21.64 |
| 24.0 | 0908 | 9.0 | | | 0.30 | 2.5 | | 6.8 | 7.1 | 92 | | 0.11 | | 30.46 | 18.67 | 21.64 |
| 24.0 | 0908 | 10.0 | | | 0.30 | 2.5 | | 6.8 | 7.1 | 91 | | 0.11 | | 30.46 | 18.67 | 21.64 |
| 24.0 | 0908 | 11.0 | 2.3 | 0.67 | 0.30 | 2.5 | | 6.8 | 7.1 | 92 | | 0.13 | | 30.46 | 18.67 | 21.64 |

South San Francisco Bay

July 15, 1997

97196

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------------|-------|-------|-------|-------|
| 22.0 | 0945 | 1.0 | | | 0.39 | 2.8 | | 6.9 | 7.2 | 90 | | 0.06 | | 30.43 | 17.10 | 21.99 |
| 22.0 | 0945 | 2.0 | | | 0.38 | 2.7 | | 6.9 | 7.2 | 90 | | 0.07 | | 30.51 | 16.97 | 22.08 |
| 22.0 | 0945 | 3.0 | | | 0.35 | 2.7 | | 6.9 | 7.2 | 90 | | 0.08 | | 30.57 | 16.95 | 22.13 |
| 22.0 | 0945 | 4.0 | | | 0.32 | 2.6 | | 6.9 | 7.2 | 90 | | 0.09 | | 30.59 | 16.95 | 22.15 |
| 22.0 | 0945 | 5.0 | | | 0.30 | 2.5 | | 6.9 | 7.2 | 90 | | 0.10 | | 30.59 | 16.95 | 22.15 |
| 22.0 | 0945 | 6.0 | | | 0.28 | 2.5 | | 6.9 | 7.2 | 89 | | 0.09 | | 30.62 | 16.95 | 22.17 |
| 22.0 | 0945 | 7.0 | | | 0.28 | 2.5 | | 6.8 | 7.2 | 89 | | 0.10 | | 30.64 | 16.95 | 22.18 |
| 22.0 | 0945 | 8.0 | | | 0.28 | 2.4 | | 6.8 | 7.1 | 89 | | 0.09 | | 30.68 | 16.95 | 22.21 |
| 22.0 | 0945 | 9.0 | | | 0.27 | 2.4 | | 6.8 | 7.1 | 89 | | 0.10 | | 30.71 | 16.92 | 22.24 |
| 22.0 | 0945 | 10.0 | | | 0.27 | 2.4 | | 6.8 | 7.1 | 89 | | 0.10 | | 30.74 | 16.86 | 22.28 |
| 22.0 | 0945 | 11.0 | | | 0.27 | 2.4 | | 6.8 | 7.1 | 89 | | 0.10 | | 30.75 | 16.85 | 22.29 |
| 22.0 | 0945 | 12.0 | | | 0.28 | 2.5 | | 6.8 | 7.1 | 89 | | 0.11 | | 30.76 | 16.83 | 22.30 |
| 22.0 | 0945 | 13.0 | | | 0.28 | 2.5 | | 6.8 | 7.1 | 89 | | 0.12 | | 30.78 | 16.81 | 22.33 |
| 22.0 | 0945 | 14.0 | | | 0.28 | 2.5 | | 6.8 | 7.1 | 89 | | 0.12 | | 30.79 | 16.80 | 22.34 |
| 22.0 | 0945 | 15.0 | | | 0.29 | 2.5 | | 6.8 | 7.2 | 89 | | 0.13 | | 30.79 | 16.80 | 22.34 |
| 22.0 | 0945 | 16.0 | | | 0.29 | 2.5 | | 6.8 | 7.2 | 89 | | 0.14 | | 30.79 | 16.80 | 22.34 |
| 22.0 | 0945 | 17.0 | | | 0.30 | 2.5 | | 6.8 | 7.1 | 89 | | 0.14 | | 30.80 | 16.80 | 22.34 |
| 22.0 | 0945 | 18.0 | | | 0.30 | 2.5 | | 6.8 | 7.1 | 89 | | 0.14 | | 30.80 | 16.80 | 22.34 |
| 21.0 | 0958 | 1.0 | | | 0.44 | 2.9 | | 7.1 | 7.3 | 92 | | 0.07 | 0.9 | 30.19 | 17.39 | 21.74 |
| 21.0 | 0958 | 2.0 | 3.4 | 0.73 | 0.42 | 2.8 | 7.4 | 6.9 | 7.2 | 90 | 6.0 | 0.07 | | 30.35 | 17.31 | 21.88 |
| 21.0 | 0958 | 3.0 | | | 0.38 | 2.7 | | 6.8 | 7.1 | 89 | | 0.07 | | 30.63 | 17.08 | 22.14 |
| 21.0 | 0958 | 4.0 | | | 0.34 | 2.6 | | 6.7 | 7.1 | 88 | | 0.08 | | 30.82 | 16.82 | 22.35 |
| 21.0 | 0958 | 5.0 | | | 0.31 | 2.5 | | 6.7 | 7.1 | 88 | | 0.09 | | 30.95 | 16.57 | 22.51 |
| 21.0 | 0958 | 6.0 | | | 0.30 | 2.5 | | 6.8 | 7.1 | 88 | | 0.10 | | 31.03 | 16.40 | 22.61 |
| 21.0 | 0958 | 7.0 | | | 0.30 | 2.5 | | 6.8 | 7.1 | 88 | | 0.10 | | 31.09 | 16.28 | 22.68 |
| 21.0 | 0958 | 8.0 | | | 0.31 | 2.5 | | 6.8 | 7.2 | 88 | | 0.09 | | 31.18 | 16.15 | 22.78 |
| 21.0 | 0958 | 9.0 | | | 0.31 | 2.5 | | 6.9 | 7.2 | 89 | | 0.09 | | 31.20 | 16.10 | 22.81 |
| 21.0 | 0958 | 10.0 | | | 0.31 | 2.5 | | 6.9 | 7.2 | 89 | | 0.09 | | 31.22 | 16.07 | 22.82 |
| 21.0 | 0958 | 11.0 | | | 0.30 | 2.5 | | 6.9 | 7.2 | 89 | | 0.09 | | 31.22 | 16.07 | 22.83 |
| 21.0 | 0958 | 12.0 | | | 0.30 | 2.5 | | 6.9 | 7.2 | 89 | | 0.10 | | 31.23 | 16.06 | 22.84 |
| 21.0 | 0958 | 13.0 | | | 0.32 | 2.6 | | 6.9 | 7.2 | 89 | | 0.10 | | 31.30 | 16.04 | 22.89 |
| 21.0 | 0958 | 14.0 | | | 0.33 | 2.6 | | 7.0 | 7.2 | 89 | | 0.10 | | 31.32 | 16.02 | 22.91 |
| 21.0 | 0958 | 15.0 | | | 0.33 | 2.6 | | 7.0 | 7.3 | 89 | | 0.10 | | 31.32 | 16.02 | 22.91 |
| 21.0 | 0958 | 16.0 | | | 0.32 | 2.6 | | 7.0 | 7.3 | 89 | | 0.11 | | 31.32 | 16.02 | 22.92 |
| 21.0 | 0958 | 17.0 | | | 0.33 | 2.6 | | 7.0 | 7.3 | 89 | | 0.11 | | 31.33 | 16.02 | 22.92 |
| 21.0 | 0958 | 18.0 | | | 0.32 | 2.6 | | 7.0 | 7.2 | 89 | | 0.10 | | 31.33 | 16.02 | 22.92 |
| 21.0 | 0958 | 19.0 | 2.9 | 0.53 | 0.32 | 2.6 | | 7.0 | 7.3 | 89 | | 0.10 | | 31.33 | 16.02 | 22.92 |

| South San Francisco Bay | | July 15, 1997 | | Year Day: 97196 | |
|-------------------------------|----|----------------|--------|-----------------|-----------|
| | n | r ² | Slope | Inter. | Std. Err. |
| Fluorometer Calibration: | 12 | 0.357 | 2.703 | 1.702 | 0.637 |
| OBS Calibration: | 6 | 0.976 | 53.756 | 2.382 | 1.223 |
| Dissolved Oxygen Calibration: | 5 | 0.737 | 0.753 | 2.010 | 0.176 |

SeaBird v4.026

97217

August 5, 1997

North San Francisco Bay

| STN | TIME | DEPTH | DISCR | CHL a/ a+PHA | FLUOR | CALC | DISCR | OXYG | CALC | % OXY | DISCR | OBS | CALC | EXCOF | SALIN | TEMP | SIGT |
|-------|------|-------|-------|-----------------|-------|------|-------|------|------|-------|-------|-----|------|-------|-------|-------|------|
| 657.0 | 1737 | 1.0 | | | 0.31 | 2.4 | | 8.3 | 8.2 | 96 | | | | 2.0 | 0.07 | 22.67 | 0.00 |
| 657.0 | 1737 | 2.0 | 2.5 | 0.63 | 0.31 | 2.4 | 8.2 | 8.3 | 8.3 | 96 | | | | | 0.07 | 22.66 | 0.00 |
| 657.0 | 1737 | 3.0 | | | 0.31 | 2.4 | | 8.3 | 8.2 | 96 | | | | | 0.07 | 22.64 | 0.00 |
| 657.0 | 1737 | 4.0 | | | 0.31 | 2.4 | | 8.3 | 8.2 | 96 | | | | | 0.07 | 22.65 | 0.00 |
| 657.0 | 1737 | 5.0 | | | 0.31 | 2.4 | | 8.3 | 8.3 | 96 | | | | | 0.07 | 22.67 | 0.00 |
| 657.0 | 1737 | 6.0 | | | 0.31 | 2.4 | | 8.4 | 8.3 | 96 | | | | | 0.07 | 22.61 | 0.00 |
| 657.0 | 1737 | 7.0 | | | 0.31 | 2.5 | | 8.4 | 8.3 | 96 | | | | | 0.07 | 22.59 | 0.00 |
| 657.0 | 1737 | 8.0 | | | 0.31 | 2.5 | | 8.4 | 8.3 | 96 | | | | | 0.07 | 22.58 | 0.00 |
| 657.0 | 1737 | 9.0 | | | 0.31 | 2.5 | | 8.4 | 8.3 | 96 | | | | | 0.07 | 22.58 | 0.00 |
| 657.0 | 1737 | 10.0 | | | 0.32 | 2.5 | | 8.4 | 8.3 | 96 | | | | | 0.07 | 22.56 | 0.00 |
| 649.0 | 1646 | 1.0 | | | 0.31 | 2.5 | | 8.3 | 8.2 | 95 | | | | 2.9 | 0.21 | 22.38 | 0.00 |
| 649.0 | 1646 | 2.0 | 2.8 | 0.62 | 0.32 | 2.5 | 8.5 | 8.1 | 8.1 | 93 | | | | | 0.24 | 22.36 | 0.00 |
| 649.0 | 1646 | 3.0 | | | 0.32 | 2.5 | | 8.1 | 8.1 | 94 | | | | | 0.26 | 22.37 | 0.00 |
| 649.0 | 1646 | 4.0 | | | 0.33 | 2.6 | | 8.3 | 8.2 | 95 | | | | | 0.30 | 22.42 | 0.00 |
| 649.0 | 1646 | 5.0 | | | 0.33 | 2.7 | | 8.4 | 8.3 | 96 | | | | | 0.33 | 22.47 | 0.00 |
| 649.0 | 1646 | 6.0 | | | 0.34 | 2.7 | | 8.4 | 8.3 | 96 | | | | | 0.34 | 22.48 | 0.00 |
| 649.0 | 1646 | 7.0 | | | 0.34 | 2.7 | | 8.4 | 8.3 | 97 | | | | | 0.34 | 22.47 | 0.00 |
| 649.0 | 1646 | 8.0 | | | 0.34 | 2.8 | | 8.5 | 8.3 | 97 | | | | | 0.34 | 22.47 | 0.00 |
| 649.0 | 1646 | 9.0 | | | 0.34 | 2.8 | | 8.5 | 8.3 | 97 | | | | | 0.35 | 22.49 | 0.00 |
| 649.0 | 1646 | 10.0 | | | 0.34 | 2.8 | | 8.5 | 8.4 | 97 | | | | | 0.34 | 22.49 | 0.00 |
| 649.0 | 1646 | 11.0 | 2.7 | 0.60 | 0.34 | 2.7 | | 8.5 | 8.3 | 97 | | | | | 0.34 | 22.47 | 0.00 |
| 2.0 | 1619 | 1.0 | | | 0.30 | 2.3 | | 8.4 | 8.3 | 95 | | | | 3.7 | 0.72 | 22.13 | 0.00 |
| 2.0 | 1619 | 2.0 | | | 0.30 | 2.3 | | 8.4 | 8.3 | 96 | | | | | 0.72 | 22.13 | 0.00 |
| 2.0 | 1619 | 3.0 | | | 0.30 | 2.4 | | 8.4 | 8.3 | 96 | | | | | 0.71 | 22.12 | 0.00 |
| 2.0 | 1619 | 4.0 | | | 0.31 | 2.5 | | 8.4 | 8.3 | 96 | | | | | 0.71 | 22.12 | 0.00 |
| 2.0 | 1619 | 5.0 | | | 0.32 | 2.5 | | 8.4 | 8.3 | 96 | | | | | 0.71 | 22.12 | 0.00 |
| 2.0 | 1619 | 6.0 | | | 0.32 | 2.5 | | 8.5 | 8.3 | 96 | | | | | 0.71 | 22.11 | 0.00 |
| 2.0 | 1619 | 7.0 | | | 0.32 | 2.6 | | 8.5 | 8.3 | 96 | | | | | 0.71 | 22.12 | 0.00 |
| 2.0 | 1619 | 8.0 | | | 0.32 | 2.6 | | 8.5 | 8.3 | 96 | | | | | 0.70 | 22.11 | 0.00 |
| 2.0 | 1619 | 9.0 | | | 0.32 | 2.6 | | 8.5 | 8.3 | 96 | | | | | 0.70 | 22.12 | 0.00 |
| 2.0 | 1619 | 10.0 | | | 0.32 | 2.6 | | 8.5 | 8.3 | 96 | | | | | 0.71 | 22.12 | 0.00 |
| 3.0 | 1606 | 1.0 | | | 0.30 | 2.3 | | 8.4 | 8.3 | 96 | | | | 4.1 | 1.03 | 21.98 | 0.00 |
| 3.0 | 1606 | 2.0 | 2.2 | 0.44 | 0.30 | 2.3 | 8.4 | 8.5 | 8.3 | 96 | | | | | 1.02 | 21.91 | 0.00 |
| 3.0 | 1606 | 3.0 | | | 0.31 | 2.4 | | 8.4 | 8.3 | 96 | | | | | 1.01 | 21.89 | 0.00 |
| 3.0 | 1606 | 4.0 | | | 0.31 | 2.4 | | 8.5 | 8.3 | 96 | | | | | 1.01 | 21.88 | 0.00 |
| 3.0 | 1606 | 5.0 | | | 0.31 | 2.5 | | 8.5 | 8.3 | 96 | | | | | 1.01 | 21.88 | 0.00 |
| 3.0 | 1606 | 6.0 | | | 0.31 | 2.5 | | 8.5 | 8.3 | 96 | | | | | 1.01 | 21.88 | 0.00 |
| 3.0 | 1606 | 7.0 | | | 0.31 | 2.5 | | 8.5 | 8.4 | 96 | | | | | 1.01 | 21.88 | 0.00 |
| 3.0 | 1606 | 8.0 | | | 0.32 | 2.5 | | 8.5 | 8.4 | 96 | | | | | 1.01 | 21.88 | 0.00 |
| 3.0 | 1606 | 9.0 | | | 0.32 | 2.5 | | 8.5 | 8.4 | 96 | | | | | 1.01 | 21.88 | 0.00 |

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|-----|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------------|-------------|-------|-------|-------|------|
| 3.0 | 1606 | 10.0 | | | 0.32 | 2.5 | | 8.5 | 8.4 | 96 | | | | | 1.01 | 21.88 | 0.00 |
| 3.0 | 1606 | 11.0 | | | 0.32 | 2.5 | | 8.5 | 8.4 | 96 | | | | | 1.01 | 21.88 | 0.00 |
| 3.0 | 1606 | 12.0 | | | 0.32 | 2.5 | | 8.5 | 8.4 | 96 | | | | | 1.00 | 21.88 | 0.00 |
| 3.0 | 1606 | 13.0 | | 2.2 | 0.37 | 2.5 | | 8.5 | 8.4 | 96 | | | | | 1.01 | 21.88 | 0.00 |
| 4.0 | 1546 | 1.0 | | | 0.28 | 2.1 | | 8.2 | 8.2 | 95 | | | | 2.7 | 1.46 | 22.13 | 0.00 |
| 4.0 | 1546 | 2.0 | | | 0.28 | 2.1 | | 8.3 | 8.2 | 95 | | | | | 1.47 | 21.85 | 0.00 |
| 4.0 | 1546 | 3.0 | | | 0.29 | 2.2 | | 8.4 | 8.3 | 96 | | | | | 1.47 | 21.78 | 0.00 |
| 4.0 | 1546 | 4.0 | | | 0.30 | 2.3 | | 8.4 | 8.3 | 96 | | | | | 1.48 | 21.77 | 0.00 |
| 4.0 | 1546 | 5.0 | | | 0.30 | 2.3 | | 8.5 | 8.3 | 96 | | | | | 1.48 | 21.77 | 0.00 |
| 4.0 | 1546 | 6.0 | | | 0.30 | 2.3 | | 8.5 | 8.3 | 96 | | | | | 1.49 | 21.76 | 0.00 |
| 4.0 | 1546 | 7.0 | | | 0.29 | 2.3 | | 8.5 | 8.3 | 96 | | | | | 1.49 | 21.76 | 0.00 |
| 4.0 | 1546 | 8.0 | | | 0.30 | 2.3 | | 8.5 | 8.4 | 96 | | | | | 1.49 | 21.76 | 0.00 |
| 4.0 | 1546 | 9.0 | | | 0.30 | 2.3 | | 8.5 | 8.4 | 96 | | | | | 1.49 | 21.76 | 0.00 |
| 4.0 | 1546 | 10.0 | | | 0.30 | 2.3 | | 8.5 | 8.4 | 96 | | | | | 1.48 | 21.76 | 0.00 |
| 4.0 | 1546 | 11.0 | | | 0.30 | 2.3 | | 8.5 | 8.4 | 96 | | | | | 1.49 | 21.76 | 0.00 |
| 4.0 | 1546 | 12.0 | | | 0.30 | 2.3 | | 8.5 | 8.4 | 96 | | | | | 1.48 | 21.76 | 0.00 |
| 4.0 | 1546 | 13.0 | | | 0.31 | 2.4 | | 8.5 | 8.4 | 96 | | | | | 1.48 | 21.76 | 0.00 |
| 4.0 | 1546 | 14.0 | | | 0.31 | 2.4 | | 8.5 | 8.4 | 96 | | | | | 1.48 | 21.76 | 0.00 |
| 4.0 | 1546 | 15.0 | | | 0.30 | 2.4 | | 8.5 | 8.4 | 96 | | | | | 1.48 | 21.76 | 0.00 |
| 4.0 | 1546 | 16.0 | | | 0.30 | 2.4 | | 8.5 | 8.4 | 96 | | | | | 1.48 | 21.76 | 0.00 |
| 5.0 | 1531 | 1.0 | | | 0.24 | 1.7 | | 8.3 | 8.2 | 97 | | | | 4.0 | 2.53 | 22.39 | 0.00 |
| 5.0 | 1531 | 2.0 | | | 0.25 | 1.7 | | 8.3 | 8.2 | 96 | | | | | 2.84 | 22.12 | 0.00 |
| 5.0 | 1531 | 3.0 | | | 0.25 | 1.8 | | 8.3 | 8.2 | 96 | | | | | 3.46 | 21.88 | 0.42 |
| 5.0 | 1531 | 4.0 | | | 0.25 | 1.8 | | 8.4 | 8.3 | 97 | | | | | 3.66 | 21.79 | 0.59 |
| 5.0 | 1531 | 5.0 | | | 0.26 | 1.8 | | 8.4 | 8.3 | 97 | | | | | 3.68 | 21.78 | 0.61 |
| 5.0 | 1531 | 6.0 | | | 0.26 | 1.9 | | 8.4 | 8.3 | 97 | | | | | 3.70 | 21.77 | 0.63 |
| 5.0 | 1531 | 7.0 | | | 0.26 | 1.9 | | 8.4 | 8.3 | 97 | | | | | 3.71 | 21.75 | 0.64 |
| 5.0 | 1531 | 8.0 | | | 0.26 | 1.9 | | 8.4 | 8.3 | 97 | | | | | 3.71 | 21.75 | 0.64 |
| 5.0 | 1531 | 9.0 | | | 0.26 | 1.9 | | 8.5 | 8.3 | 97 | | | | | 3.71 | 21.74 | 0.65 |
| 5.0 | 1531 | 10.0 | | | 0.26 | 1.9 | | 8.5 | 8.3 | 97 | | | | | 3.71 | 21.74 | 0.64 |
| 5.0 | 1531 | 11.0 | | | 0.26 | 1.9 | | 8.4 | 8.3 | 97 | | | | | 3.71 | 21.74 | 0.65 |
| 5.0 | 1531 | 12.0 | | | 0.26 | 1.9 | | 8.5 | 8.3 | 97 | | | | | 3.71 | 21.74 | 0.65 |
| 6.0 | 1513 | 1.0 | | | 0.24 | 1.6 | | 8.3 | 8.2 | 97 | | | | | 5.24 | 22.01 | 1.74 |
| 6.0 | 1513 | 2.0 | | 1.5 | 0.59 | 1.6 | 8.3 | 8.3 | 8.2 | 97 | | | | | 5.26 | 21.88 | 1.79 |
| 6.0 | 1513 | 3.0 | | | 0.23 | 1.6 | | 8.4 | 8.3 | 97 | | | | | 5.40 | 21.84 | 1.90 |
| 6.0 | 1513 | 4.0 | | | 0.23 | 1.6 | | 8.3 | 8.2 | 97 | | | | | 5.46 | 21.83 | 1.94 |
| 6.0 | 1513 | 5.0 | | | 0.24 | 1.6 | | 8.3 | 8.2 | 97 | | | | | 5.67 | 21.77 | 2.12 |
| 6.0 | 1513 | 6.0 | | | 0.24 | 1.7 | | 8.3 | 8.2 | 97 | | | | | 5.90 | 21.66 | 2.32 |
| 6.0 | 1513 | 7.0 | | | 0.24 | 1.7 | | 8.3 | 8.2 | 97 | | | | | 6.09 | 21.58 | 2.48 |
| 6.0 | 1513 | 8.0 | | | 0.25 | 1.7 | | 8.3 | 8.2 | 97 | | | | | 6.20 | 21.50 | 2.58 |

North San Francisco Bay

August 5, 1997

97217

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|-----|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------------|-------------|-------|-------|-------|------|
| 6.0 | 1513 | 9.0 | | | 0.25 | 1.7 | | 8.3 | 8.2 | 97 | | | | | 6.23 | 21.47 | 2.61 |
| 6.0 | 1513 | 10.0 | | | 0.25 | 1.7 | | 8.3 | 8.3 | 97 | | | | | 6.25 | 21.45 | 2.63 |
| 6.0 | 1513 | 11.0 | | | 0.25 | 1.8 | | 8.4 | 8.3 | 97 | | | | | 6.26 | 21.44 | 2.64 |
| 6.0 | 1513 | 12.0 | | | 0.25 | 1.8 | | 8.3 | 8.3 | 97 | | | | | 6.26 | 21.43 | 2.64 |
| 7.0 | 1450 | 1.0 | | | 0.26 | 1.9 | | 7.8 | 7.9 | 94 | | | | 2.7 | 8.80 | 21.64 | 4.51 |
| 7.0 | 1450 | 2.0 | | | 0.25 | 1.7 | | 7.8 | 7.9 | 94 | | | | | 8.87 | 21.50 | 4.59 |
| 7.0 | 1450 | 3.0 | | | 0.23 | 1.6 | | 7.8 | 7.8 | 94 | | | | | 8.99 | 21.36 | 4.72 |
| 7.0 | 1450 | 4.0 | | | 0.23 | 1.5 | | 7.8 | 7.9 | 94 | | | | | 9.29 | 21.13 | 5.00 |
| 7.0 | 1450 | 5.0 | | | 0.23 | 1.5 | | 7.9 | 7.9 | 94 | | | | | 9.58 | 21.01 | 5.24 |
| 7.0 | 1450 | 6.0 | | | 0.23 | 1.6 | | 7.9 | 8.0 | 95 | | | | | 9.67 | 20.98 | 5.32 |
| 7.0 | 1450 | 7.0 | | | 0.23 | 1.6 | | 8.0 | 8.0 | 95 | | | | | 9.68 | 20.97 | 5.33 |
| 7.0 | 1450 | 8.0 | | | 0.24 | 1.7 | | 8.0 | 8.0 | 95 | | | | | 9.70 | 20.97 | 5.35 |
| 7.0 | 1450 | 9.0 | | | 0.25 | 1.8 | | 8.0 | 8.0 | 95 | | | | | 9.72 | 20.95 | 5.36 |
| 7.0 | 1450 | 10.0 | | | 0.25 | 1.8 | | 8.0 | 8.0 | 96 | | | | | 9.72 | 20.96 | 5.36 |
| 7.0 | 1450 | 11.0 | | | 0.25 | 1.8 | | 8.0 | 8.0 | 96 | | | | | 9.72 | 20.95 | 5.36 |
| 7.0 | 1450 | 12.0 | | | 0.25 | 1.8 | | 8.0 | 8.0 | 96 | | | | | 9.72 | 20.95 | 5.36 |
| 7.0 | 1450 | 13.0 | | | 0.25 | 1.8 | | 8.0 | 8.0 | 96 | | | | | 9.72 | 20.95 | 5.36 |
| 8.0 | 1417 | 1.0 | | | 0.22 | 1.4 | | 8.3 | 8.2 | 98 | | | | 2.4 | 9.98 | 21.17 | 5.51 |
| 8.0 | 1417 | 2.0 | | | 0.23 | 1.5 | | 8.1 | 8.1 | 97 | | | | | 9.95 | 21.20 | 5.48 |
| 8.0 | 1417 | 3.0 | | | 0.22 | 1.4 | | 7.9 | 8.0 | 95 | | | | | 10.04 | 21.09 | 5.57 |
| 8.0 | 1417 | 4.0 | | | 0.21 | 1.3 | | 8.1 | 8.1 | 96 | | | | | 10.63 | 20.79 | 6.09 |
| 8.0 | 1417 | 5.0 | | | 0.22 | 1.4 | | 8.1 | 8.1 | 96 | | | | | 10.87 | 20.73 | 6.28 |
| 8.0 | 1417 | 6.0 | | | 0.22 | 1.5 | | 8.3 | 8.2 | 98 | | | | | 10.96 | 20.73 | 6.35 |
| 8.0 | 1417 | 7.0 | | | 0.23 | 1.5 | | 7.9 | 8.0 | 95 | | | | | 11.40 | 20.70 | 6.69 |
| 8.0 | 1417 | 8.0 | | | 0.23 | 1.6 | | 8.1 | 8.1 | 97 | | | | | 12.34 | 20.64 | 7.41 |
| 8.0 | 1417 | 9.0 | | | 0.24 | 1.6 | | 8.1 | 8.1 | 97 | | | | | 12.80 | 20.60 | 7.77 |
| 8.0 | 1417 | 10.0 | | | 0.25 | 1.7 | | 8.1 | 8.1 | 97 | | | | | 13.13 | 20.58 | 8.02 |
| 8.0 | 1417 | 11.0 | | | 0.25 | 1.8 | | 8.1 | 8.1 | 97 | | | | | 13.54 | 20.56 | 8.34 |
| 8.0 | 1417 | 12.0 | | | 0.26 | 1.9 | | 8.0 | 8.0 | 97 | | | | | 13.76 | 20.54 | 8.51 |
| 8.0 | 1417 | 13.0 | | | 0.26 | 1.9 | | 8.0 | 8.0 | 97 | | | | | 13.77 | 20.54 | 8.52 |
| 8.0 | 1417 | 14.0 | | | 0.27 | 2.0 | | 7.8 | 7.9 | 95 | | | | | 13.83 | 20.54 | 8.57 |
| 8.0 | 1417 | 15.0 | | | 0.28 | 2.1 | | 8.0 | 8.0 | 97 | | | | | 13.84 | 20.54 | 8.57 |
| 8.0 | 1417 | 16.0 | | | 0.28 | 2.1 | | 7.9 | 7.9 | 96 | | | | | 13.84 | 20.54 | 8.57 |
| 9.0 | 1401 | 1.0 | | | 0.21 | 1.3 | | 8.1 | 8.1 | 98 | | | | | 11.53 | 20.96 | 6.73 |
| 9.0 | 1401 | 2.0 | 1.3 | 0.59 | 0.21 | 1.3 | 7.7 | 8.2 | 8.1 | 98 | | | | | 11.97 | 20.75 | 7.11 |
| 9.0 | 1401 | 3.0 | | | 0.21 | 1.3 | | 8.0 | 8.0 | 96 | | | | | 12.35 | 20.68 | 7.41 |
| 9.0 | 1401 | 4.0 | | | 0.21 | 1.4 | | 8.0 | 8.0 | 97 | | | | | 13.18 | 20.64 | 8.05 |
| 9.0 | 1401 | 5.0 | | | 0.23 | 1.5 | | 8.0 | 8.0 | 97 | | | | | 14.12 | 20.57 | 8.77 |
| 9.0 | 1401 | 6.0 | | | 0.23 | 1.5 | | 7.9 | 8.0 | 97 | | | | | 14.44 | 20.54 | 9.03 |
| 9.0 | 1401 | 7.0 | | | 0.23 | 1.6 | | 8.1 | 8.1 | 98 | | | | | 14.47 | 20.53 | 9.05 |

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------------|-------------|-------|-------|-------|-------|
| 9.0 | 1401 | 8.0 | | | 0.24 | 1.6 | | 8.1 | 8.1 | 98 | | | | | 14.48 | 20.53 | 9.06 |
| 9.0 | 1401 | 9.0 | | | 0.24 | 1.6 | | 8.2 | 8.2 | 100 | | | | | 14.66 | 20.52 | 9.20 |
| 9.0 | 1401 | 10.0 | | | 0.23 | 1.6 | | 8.2 | 8.2 | 99 | | | | | 14.76 | 20.51 | 9.27 |
| 9.0 | 1401 | 11.0 | | | 0.24 | 1.6 | | 8.2 | 8.1 | 99 | | | | | 14.78 | 20.51 | 9.29 |
| 9.0 | 1401 | 12.0 | | | 0.24 | 1.6 | | 8.3 | 8.2 | 100 | | | | | 14.81 | 20.51 | 9.31 |
| 9.0 | 1401 | 13.0 | | | 0.23 | 1.6 | | 8.2 | 8.1 | 99 | | | | | 14.81 | 20.51 | 9.31 |
| 9.0 | 1401 | 14.0 | | | 0.23 | 1.5 | | 8.1 | 8.1 | 98 | | | | | 14.82 | 20.51 | 9.32 |
| 9.0 | 1401 | 15.0 | | | 0.23 | 1.5 | | 7.8 | 7.9 | 96 | | | | | 14.80 | 20.51 | 9.30 |
| 9.0 | 1401 | 16.0 | | | 0.23 | 1.5 | | 8.8 | 8.6 | 104 | | | | | 14.80 | 20.51 | 9.31 |
| 9.0 | 1401 | 17.0 | | | 0.23 | 1.6 | | 8.3 | 8.2 | 100 | | | | | 14.80 | 20.51 | 9.30 |
| 9.0 | 1401 | 18.0 | | | 0.24 | 1.6 | | 8.5 | 8.3 | 101 | | | | | 14.79 | 20.51 | 9.30 |
| 9.0 | 1401 | 19.0 | | | 0.23 | 1.6 | | 8.3 | 8.2 | 100 | | | | | 14.81 | 20.51 | 9.31 |
| 10.0 | 1335 | 1.0 | | | 0.24 | 1.6 | | 8.1 | 8.1 | 98 | | | | 2.1 | 10.94 | 21.34 | 6.20 |
| 10.0 | 1335 | 2.0 | | | 0.23 | 1.5 | | 7.9 | 8.0 | 96 | | | | | 11.11 | 21.03 | 6.40 |
| 10.0 | 1335 | 3.0 | | | 0.22 | 1.4 | | 8.2 | 8.2 | 98 | | | | | 11.15 | 21.00 | 6.44 |
| 10.0 | 1335 | 4.0 | | | 0.22 | 1.4 | | 7.9 | 8.0 | 96 | | | | | 11.32 | 20.97 | 6.57 |
| 10.0 | 1335 | 5.0 | | | 0.23 | 1.5 | | 8.1 | 8.1 | 97 | | | | | 11.89 | 20.87 | 7.02 |
| 10.0 | 1335 | 6.0 | | | 0.23 | 1.5 | | 8.0 | 8.0 | 97 | | | | | 12.54 | 20.80 | 7.53 |
| 10.0 | 1335 | 7.0 | | | 0.23 | 1.5 | | 8.1 | 8.1 | 98 | | | | | 12.94 | 20.80 | 7.83 |
| 10.0 | 1335 | 8.0 | | | 0.22 | 1.5 | | 8.4 | 8.3 | 100 | | | | | 13.35 | 20.73 | 8.16 |
| 10.0 | 1335 | 9.0 | | | 0.22 | 1.5 | | 7.8 | 7.9 | 95 | | | | | 13.47 | 20.70 | 8.26 |
| 10.0 | 1335 | 10.0 | | | 0.22 | 1.4 | | 7.8 | 7.9 | 95 | | | | | 13.57 | 20.67 | 8.34 |
| 10.0 | 1335 | 11.0 | | | 0.22 | 1.4 | | 7.9 | 8.0 | 97 | | | | | 13.60 | 20.66 | 8.36 |
| 10.0 | 1335 | 12.0 | | | 0.22 | 1.4 | | 7.9 | 8.0 | 96 | | | | | 13.87 | 20.61 | 8.58 |
| 10.0 | 1335 | 13.0 | | | 0.22 | 1.4 | | 7.9 | 8.0 | 96 | | | | | 14.16 | 20.56 | 8.81 |
| 10.0 | 1335 | 14.0 | | | 0.22 | 1.4 | | 7.9 | 8.0 | 96 | | | | | 14.43 | 20.52 | 9.02 |
| 10.0 | 1335 | 15.0 | | | 0.22 | 1.4 | | 7.9 | 7.9 | 96 | | | | | 14.75 | 20.50 | 9.27 |
| 10.0 | 1335 | 16.0 | | | 0.23 | 1.5 | | 7.9 | 7.9 | 97 | | | | | 15.32 | 20.47 | 9.71 |
| 10.0 | 1335 | 17.0 | | | 0.23 | 1.6 | | 7.8 | 7.9 | 97 | | | | | 15.91 | 20.46 | 10.16 |
| 10.0 | 1335 | 18.0 | | | 0.23 | 1.6 | | 7.8 | 7.9 | 97 | | | | | 15.94 | 20.45 | 10.18 |
| 10.0 | 1335 | 19.0 | | | 0.24 | 1.6 | | 7.8 | 7.9 | 97 | | | | | 16.02 | 20.45 | 10.24 |
| 10.0 | 1335 | 20.0 | | | 0.24 | 1.7 | | 7.8 | 7.9 | 97 | | | | | 16.04 | 20.45 | 10.26 |
| 11.0 | 1311 | 1.0 | | | 0.22 | 1.4 | | 7.8 | 7.9 | 96 | | | | 2.2 | 14.62 | 20.79 | 9.10 |
| 11.0 | 1311 | 2.0 | | | 0.21 | 1.3 | | 7.5 | 7.7 | 93 | | | | | 14.89 | 20.58 | 9.36 |
| 11.0 | 1311 | 3.0 | | | 0.20 | 1.2 | | 7.4 | 7.6 | 93 | | | | | 15.25 | 20.51 | 9.64 |
| 11.0 | 1311 | 4.0 | | | 0.20 | 1.2 | | 7.5 | 7.7 | 94 | | | | | 15.67 | 20.50 | 9.97 |
| 11.0 | 1311 | 5.0 | | | 0.20 | 1.2 | | 7.6 | 7.8 | 95 | | | | | 16.27 | 20.45 | 10.43 |
| 11.0 | 1311 | 6.0 | | | 0.20 | 1.2 | | 7.7 | 7.8 | 96 | | | | | 16.65 | 20.45 | 10.72 |
| 11.0 | 1311 | 7.0 | | | 0.20 | 1.2 | | 7.5 | 7.7 | 95 | | | | | 17.28 | 20.45 | 11.19 |
| 11.0 | 1311 | 8.0 | | | 0.21 | 1.3 | | 7.7 | 7.8 | 96 | | | | | 18.03 | 20.45 | 11.76 |
| 11.0 | 1311 | 9.0 | | | 0.21 | 1.3 | | 7.9 | 7.9 | 98 | | | | | 18.14 | 20.46 | 11.84 |

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|-------------------------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|----------------|--------------|------------|-------------|-------|-------|-------|-------|
| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
| 11.0 | 1311 | 10.0 | | | 0.22 | 1.4 | | 7.7 | 7.8 | 97 | | | | | 18.21 | 20.47 | 11.89 |
| 11.0 | 1311 | 11.0 | | | 0.22 | 1.4 | | 7.7 | 7.8 | 97 | | | | | 18.22 | 20.47 | 11.90 |
| 11.0 | 1311 | 12.0 | | | 0.22 | 1.4 | | 7.8 | 7.9 | 98 | | | | | 18.21 | 20.47 | 11.89 |
| 11.0 | 1311 | 13.0 | | | 0.22 | 1.5 | | 7.7 | 7.8 | 97 | | | | | 18.24 | 20.48 | 11.91 |
| 11.0 | 1311 | 14.0 | | | 0.22 | 1.5 | | 7.7 | 7.8 | 97 | | | | | 18.26 | 20.48 | 11.93 |
| 11.0 | 1311 | 15.0 | | | 0.22 | 1.5 | | 7.9 | 8.0 | 99 | | | | | 18.26 | 20.49 | 11.93 |
| 12.0 | 1254 | 1.0 | | | 0.24 | 1.6 | | 7.8 | 7.9 | 97 | | | | 1.6 | 16.88 | 20.86 | 10.80 |
| 12.0 | 1254 | 2.0 | | | 0.23 | 1.6 | | 7.6 | 7.8 | 97 | | | | | 17.61 | 20.71 | 11.38 |
| 12.0 | 1254 | 3.0 | | | 0.21 | 1.4 | | 7.6 | 7.8 | 96 | | | | | 18.44 | 20.53 | 12.05 |
| 12.0 | 1254 | 4.0 | | | 0.22 | 1.4 | | 7.6 | 7.7 | 97 | | | | | 19.42 | 20.38 | 12.84 |
| 12.0 | 1254 | 5.0 | | | 0.24 | 1.6 | | 7.6 | 7.8 | 97 | | | | | 19.78 | 20.32 | 13.12 |
| 12.0 | 1254 | 6.0 | | | 0.25 | 1.7 | | 7.6 | 7.8 | 97 | | | | | 19.93 | 20.30 | 13.24 |
| 12.0 | 1254 | 7.0 | | | 0.26 | 1.8 | | 7.6 | 7.8 | 97 | | | | | 20.41 | 20.26 | 13.61 |
| 12.0 | 1254 | 8.0 | | | 0.27 | 2.0 | | 7.6 | 7.7 | 97 | | | | | 21.24 | 20.19 | 14.26 |
| 12.0 | 1254 | 9.0 | | | 0.28 | 2.0 | | 7.5 | 7.7 | 97 | | | | | 21.31 | 20.18 | 14.31 |
| 12.0 | 1254 | 10.0 | | | 0.28 | 2.1 | | 7.6 | 7.8 | 97 | | | | | 21.38 | 20.18 | 14.36 |
| 13.0 | 1232 | 1.0 | | | 0.30 | 2.3 | | 7.6 | 7.7 | 98 | | | | 1.7 | 22.15 | 20.74 | 14.82 |
| 13.0 | 1232 | 2.0 | 2.5 | 0.75 | 0.28 | 2.2 | 7.7 | 7.5 | 7.7 | 97 | | | | | 22.63 | 20.34 | 15.27 |
| 13.0 | 1232 | 3.0 | | | 0.25 | 1.8 | | 7.4 | 7.6 | 96 | | | | | 22.99 | 20.06 | 15.62 |
| 13.0 | 1232 | 4.0 | | | 0.22 | 1.4 | | 7.4 | 7.6 | 96 | | | | | 23.60 | 19.79 | 16.15 |
| 13.0 | 1232 | 5.0 | | | 0.22 | 1.4 | | 7.5 | 7.7 | 97 | | | | | 24.38 | 19.62 | 16.78 |
| 13.0 | 1232 | 6.0 | | | 0.22 | 1.4 | | 7.5 | 7.7 | 97 | | | | | 24.72 | 19.54 | 17.05 |
| 13.0 | 1232 | 7.0 | | | 0.23 | 1.5 | | 7.5 | 7.7 | 98 | | | | | 24.84 | 19.51 | 17.15 |
| 13.0 | 1232 | 8.0 | | | 0.23 | 1.5 | | 7.5 | 7.7 | 98 | | | | | 24.92 | 19.50 | 17.22 |
| 13.0 | 1232 | 9.0 | | | 0.23 | 1.6 | | 7.5 | 7.7 | 97 | | | | | 24.95 | 19.49 | 17.24 |
| 13.0 | 1232 | 10.0 | 1.5 | 0.36 | 0.23 | 1.6 | | 7.6 | 7.7 | 98 | | | | | 24.96 | 19.49 | 17.25 |
| 14.0 | 1215 | 1.0 | | | 0.23 | 1.5 | | 7.0 | 7.4 | 95 | | | | | 22.86 | 20.99 | 15.28 |
| 14.0 | 1215 | 2.0 | | | 0.24 | 1.7 | | 7.2 | 7.5 | 95 | | | | | 22.84 | 20.03 | 15.51 |
| 14.0 | 1215 | 3.0 | | | 0.23 | 1.6 | | 7.5 | 7.7 | 97 | | | | | 23.46 | 19.80 | 16.04 |
| 14.0 | 1215 | 4.0 | | | 0.23 | 1.5 | | 7.2 | 7.5 | 94 | | | | | 24.33 | 19.61 | 16.74 |
| 14.0 | 1215 | 5.0 | | | 0.23 | 1.6 | | 7.3 | 7.6 | 96 | | | | | 25.18 | 19.40 | 17.44 |
| 14.0 | 1215 | 6.0 | | | 0.23 | 1.6 | | 7.2 | 7.5 | 95 | | | | | 25.75 | 19.26 | 17.91 |
| 14.0 | 1215 | 7.0 | | | 0.23 | 1.5 | | 7.3 | 7.5 | 95 | | | | | 26.41 | 19.12 | 18.44 |
| 14.0 | 1215 | 8.0 | | | 0.24 | 1.6 | | 7.3 | 7.6 | 96 | | | | | 26.91 | 19.00 | 18.85 |
| 14.0 | 1215 | 9.0 | | | 0.25 | 1.8 | | 7.4 | 7.6 | 96 | | | | | 27.02 | 18.97 | 18.94 |
| 14.0 | 1215 | 10.0 | | | 0.26 | 1.9 | | 7.4 | 7.6 | 97 | | | | | 27.10 | 18.95 | 19.01 |
| 14.0 | 1215 | 11.0 | | | 0.27 | 2.0 | | 7.4 | 7.6 | 97 | | | | | 27.11 | 18.95 | 19.02 |
| 14.0 | 1215 | 12.0 | | | 0.27 | 2.0 | | 7.4 | 7.6 | 97 | | | | | 27.11 | 18.94 | 19.02 |
| 14.0 | 1215 | 13.0 | | | 0.28 | 2.1 | | 7.5 | 7.7 | 97 | | | | | 27.12 | 18.94 | 19.02 |
| 14.0 | 1215 | 14.0 | | | 0.28 | 2.1 | | 7.4 | 7.6 | 97 | | | | | 27.12 | 18.94 | 19.02 |

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| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | EXCOF | SALIN | TEMP | SGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------------|-------|-------|-------|-------|
| 14.0 | 1215 | 15.0 | | | 0.28 | 2.1 | | 7.4 | 7.6 | 97 | | | | 27.12 | 18.94 | 19.02 |
| 15.0 | 1157 | 1.0 | | | 0.31 | 2.4 | | 7.6 | 7.8 | 99 | | | 1.8 | 23.87 | 20.38 | 16.20 |
| 15.0 | 1157 | 2.0 | | | 0.32 | 2.5 | | 7.5 | 7.7 | 98 | | | | 23.91 | 20.23 | 16.27 |
| 15.0 | 1157 | 3.0 | 1.8 | 0.71 | 0.29 | 2.2 | 7.7 | 7.4 | 7.6 | 97 | | | | 24.04 | 20.03 | 16.42 |
| 15.0 | 1157 | 4.0 | | | 0.25 | 1.8 | | 7.2 | 7.5 | 95 | | | | 24.33 | 19.76 | 16.70 |
| 15.0 | 1157 | 5.0 | | | 0.23 | 1.5 | | 7.3 | 7.6 | 96 | | | | 25.34 | 19.29 | 17.59 |
| 15.0 | 1157 | 6.0 | | | 0.21 | 1.3 | | 7.4 | 7.6 | 97 | | | | 26.23 | 19.10 | 18.31 |
| 15.0 | 1157 | 7.0 | | | 0.21 | 1.3 | | 7.5 | 7.7 | 97 | | | | 26.38 | 19.10 | 18.42 |
| 15.0 | 1157 | 8.0 | | | 0.21 | 1.3 | | 7.4 | 7.6 | 97 | | | | 26.58 | 19.09 | 18.58 |
| 15.0 | 1157 | 9.0 | | | 0.21 | 1.3 | | 7.4 | 7.6 | 97 | | | | 26.70 | 19.04 | 18.68 |
| 15.0 | 1157 | 10.0 | | | 0.21 | 1.3 | | 7.4 | 7.6 | 97 | | | | 26.75 | 19.03 | 18.72 |
| 15.0 | 1157 | 11.0 | | | 0.21 | 1.3 | | 7.4 | 7.6 | 97 | | | | 26.97 | 18.97 | 18.90 |
| 15.0 | 1157 | 12.0 | | | 0.21 | 1.3 | | 7.4 | 7.6 | 97 | | | | 27.13 | 18.93 | 19.03 |
| 15.0 | 1157 | 13.0 | | | 0.22 | 1.4 | | 7.4 | 7.6 | 97 | | | | 27.36 | 18.87 | 19.23 |
| 15.0 | 1157 | 14.0 | | | 0.23 | 1.6 | | 7.4 | 7.6 | 97 | | | | 27.51 | 18.83 | 19.35 |
| 15.0 | 1157 | 15.0 | | | 0.23 | 1.6 | | 7.4 | 7.6 | 97 | | | | 27.61 | 18.80 | 19.43 |
| 15.0 | 1157 | 16.0 | | | 0.23 | 1.6 | | 7.4 | 7.6 | 97 | | | | 27.61 | 18.80 | 19.44 |
| 15.0 | 1157 | 17.0 | | | 0.24 | 1.6 | | 7.4 | 7.6 | 97 | | | | 27.69 | 18.78 | 19.50 |
| 15.0 | 1157 | 18.0 | | | 0.24 | 1.7 | | 7.4 | 7.6 | 97 | | | | 27.76 | 18.76 | 19.56 |
| 15.0 | 1157 | 19.0 | | | 0.24 | 1.7 | | 7.4 | 7.6 | 97 | | | | 27.81 | 18.75 | 19.59 |
| 15.0 | 1157 | 20.0 | | | 0.25 | 1.7 | | 7.4 | 7.6 | 97 | | | | 27.80 | 18.75 | 19.59 |
| 15.0 | 1157 | 21.0 | | | 0.25 | 1.8 | | 7.4 | 7.6 | 97 | | | | 27.81 | 18.75 | 19.60 |
| 15.0 | 1157 | 22.0 | | | 0.25 | 1.8 | | 7.5 | 7.7 | 97 | | | | 27.81 | 18.75 | 19.60 |
| 15.0 | 1157 | 23.0 | | | 0.25 | 1.7 | | 7.4 | 7.6 | 97 | | | | 27.81 | 18.75 | 19.60 |
| 15.0 | 1157 | 24.0 | | | 0.25 | 1.7 | | 7.4 | 7.6 | 97 | | | | 27.81 | 18.75 | 19.60 |
| 16.0 | 1129 | 1.0 | | | 0.22 | 1.4 | | 7.3 | 7.6 | 97 | | | 1.8 | 24.61 | 20.25 | 16.79 |
| 16.0 | 1129 | 2.0 | | | 0.24 | 1.6 | | 7.3 | 7.5 | 96 | | | | 25.27 | 19.76 | 17.42 |
| 16.0 | 1129 | 3.0 | | | 0.23 | 1.5 | | 7.2 | 7.5 | 95 | | | | 25.69 | 19.49 | 17.81 |
| 16.0 | 1129 | 4.0 | | | 0.22 | 1.4 | | 7.2 | 7.5 | 95 | | | | 26.51 | 19.20 | 18.50 |
| 16.0 | 1129 | 5.0 | | | 0.23 | 1.5 | | 7.2 | 7.5 | 95 | | | | 26.93 | 19.10 | 18.84 |
| 16.0 | 1129 | 6.0 | | | 0.24 | 1.7 | | 7.2 | 7.5 | 95 | | | | 27.49 | 18.98 | 19.30 |
| 16.0 | 1129 | 7.0 | | | 0.26 | 1.9 | | 7.2 | 7.5 | 96 | | | | 27.51 | 18.98 | 19.31 |
| 16.0 | 1129 | 8.0 | | | 0.27 | 2.0 | | 7.3 | 7.5 | 96 | | | | 27.52 | 18.98 | 19.33 |
| 16.0 | 1129 | 9.0 | | | 0.28 | 2.1 | | 7.3 | 7.5 | 96 | | | | 27.56 | 18.97 | 19.35 |
| 16.0 | 1129 | 10.0 | | | 0.28 | 2.1 | | 7.3 | 7.5 | 96 | | | | 27.52 | 18.98 | 19.32 |
| 16.0 | 1129 | 11.0 | | | 0.28 | 2.2 | | 7.3 | 7.5 | 96 | | | | 27.58 | 18.97 | 19.37 |
| 16.0 | 1129 | 12.0 | | | 0.28 | 2.1 | | 7.3 | 7.5 | 96 | | | | 27.58 | 18.97 | 19.37 |
| 17.0 | 1109 | 1.0 | | | 0.26 | 1.9 | | 7.2 | 7.5 | 96 | | | 2.0 | 27.20 | 19.42 | 18.97 |
| 17.0 | 1109 | 2.0 | | | 0.26 | 1.9 | | 7.1 | 7.4 | 95 | | | | 28.24 | 19.00 | 19.86 |
| 17.0 | 1109 | 3.0 | | | 0.27 | 2.0 | | 7.0 | 7.3 | 93 | | | | 29.09 | 18.53 | 20.63 |

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August 5, 1997

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| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------------|-------------|-------|-------|-------|-------|
| 17.0 | 1109 | 4.0 | | | 0.28 | 2.1 | | 7.0 | 7.4 | 93 | | | | | 29.90 | 18.02 | 21.36 |
| 17.0 | 1109 | 5.0 | | | 0.30 | 2.3 | | 7.1 | 7.4 | 94 | | | | | 30.39 | 17.69 | 21.82 |
| 17.0 | 1109 | 6.0 | | | 0.32 | 2.6 | | 7.2 | 7.5 | 95 | | | | | 30.43 | 17.66 | 21.86 |
| 17.0 | 1109 | 7.0 | | | 0.33 | 2.6 | | 7.3 | 7.5 | 95 | | | | | 30.44 | 17.65 | 21.87 |
| 17.0 | 1109 | 8.0 | | | 0.33 | 2.7 | | 7.3 | 7.6 | 95 | | | | | 30.46 | 17.63 | 21.89 |
| 17.0 | 1109 | 9.0 | | | 0.35 | 2.9 | | 7.3 | 7.6 | 96 | | | | | 30.50 | 17.60 | 21.92 |
| 17.0 | 1109 | 10.0 | | | 0.35 | 2.9 | | 7.4 | 7.6 | 96 | | | | | 30.67 | 17.51 | 22.07 |
| 17.0 | 1109 | 11.0 | | | 0.35 | 2.9 | | 7.4 | 7.6 | 96 | | | | | 30.71 | 17.48 | 22.12 |
| 17.0 | 1109 | 12.0 | | | 0.36 | 3.0 | | 7.5 | 7.7 | 97 | | | | | 30.80 | 17.43 | 22.19 |
| 17.0 | 1109 | 13.0 | | | 0.37 | 3.2 | | 7.4 | 7.6 | 96 | | | | | 30.81 | 17.43 | 22.20 |
| 17.0 | 1109 | 14.0 | | | 0.37 | 3.1 | | 7.4 | 7.6 | 96 | | | | | 30.82 | 17.42 | 22.21 |
| 18.0 | 1051 | 1.0 | | | 0.30 | 2.3 | | 7.4 | 7.6 | 97 | | | | 0.9 | 30.13 | 18.25 | 21.49 |
| 18.0 | 1051 | 2.0 | 3.2 | 0.82 | 0.32 | 2.5 | 7.5 | 7.4 | 7.6 | 97 | | | | | 30.11 | 18.25 | 21.48 |
| 18.0 | 1051 | 3.0 | | | 0.33 | 2.7 | | 7.4 | 7.6 | 97 | | | | | 30.12 | 18.25 | 21.48 |
| 18.0 | 1051 | 4.0 | | | 0.33 | 2.6 | | 7.4 | 7.6 | 97 | | | | | 30.13 | 18.25 | 21.49 |
| 18.0 | 1051 | 5.0 | | | 0.32 | 2.6 | | 7.4 | 7.6 | 97 | | | | | 30.21 | 18.17 | 21.57 |
| 18.0 | 1051 | 6.0 | | | 0.34 | 2.7 | | 7.4 | 7.6 | 97 | | | | | 30.31 | 18.11 | 21.66 |
| 18.0 | 1051 | 7.0 | | | 0.36 | 3.1 | | 7.4 | 7.6 | 97 | | | | | 30.40 | 18.09 | 21.73 |
| 18.0 | 1051 | 8.0 | | | 0.38 | 3.2 | | 7.5 | 7.7 | 98 | | | | | 30.42 | 18.08 | 21.75 |
| 18.0 | 1051 | 9.0 | | | 0.37 | 3.2 | | 7.5 | 7.7 | 98 | | | | | 30.43 | 18.07 | 21.76 |
| 18.0 | 1051 | 10.0 | | | 0.38 | 3.3 | | 7.5 | 7.7 | 98 | | | | | 30.42 | 18.08 | 21.75 |
| 18.0 | 1051 | 11.0 | | | 0.39 | 3.4 | | 7.5 | 7.7 | 98 | | | | | 30.41 | 18.08 | 21.75 |
| 18.0 | 1051 | 12.0 | | | 0.39 | 3.3 | | 7.5 | 7.7 | 98 | | | | | 30.43 | 18.06 | 21.76 |
| 18.0 | 1051 | 13.0 | | | 0.40 | 3.5 | | 7.5 | 7.7 | 98 | | | | | 30.43 | 18.06 | 21.76 |
| 18.0 | 1051 | 14.0 | | | 0.41 | 3.6 | | 7.5 | 7.7 | 98 | | | | | 30.44 | 18.06 | 21.77 |
| 18.0 | 1051 | 15.0 | | | 0.42 | 3.7 | | 7.6 | 7.7 | 98 | | | | | 30.45 | 18.04 | 21.78 |
| 18.0 | 1051 | 16.0 | | | 0.43 | 3.8 | | 7.6 | 7.7 | 98 | | | | | 30.47 | 18.04 | 21.80 |
| 18.0 | 1051 | 17.0 | | | 0.43 | 3.8 | | 7.5 | 7.7 | 98 | | | | | 30.48 | 18.04 | 21.81 |
| 18.0 | 1051 | 18.0 | | | 0.42 | 3.7 | | 7.5 | 7.7 | 98 | | | | | 30.55 | 17.99 | 21.87 |
| 18.0 | 1051 | 19.0 | | | 0.41 | 3.5 | | 7.5 | 7.7 | 98 | | | | | 30.59 | 17.92 | 21.92 |
| 18.0 | 1051 | 20.0 | | | 0.39 | 3.4 | | 7.6 | 7.8 | 99 | | | | | 30.58 | 17.92 | 21.91 |
| 18.0 | 1051 | 21.0 | | | 0.40 | 3.5 | | 7.6 | 7.7 | 98 | | | | | 30.58 | 17.91 | 21.91 |
| 18.0 | 1051 | 22.0 | | | 0.41 | 3.6 | | 7.6 | 7.7 | 98 | | | | | 30.58 | 17.91 | 21.91 |
| 18.0 | 1051 | 23.0 | | | 0.39 | 3.4 | | 7.6 | 7.7 | 98 | | | | | 30.59 | 17.90 | 21.92 |
| 18.0 | 1051 | 24.0 | | | 0.39 | 3.3 | | 7.6 | 7.7 | 98 | | | | | 30.59 | 17.90 | 21.92 |
| 18.0 | 1051 | 25.0 | | | 0.38 | 3.2 | | 7.5 | 7.7 | 98 | | | | | 30.60 | 17.89 | 21.93 |
| 18.0 | 1051 | 26.0 | | | 0.38 | 3.2 | | 7.5 | 7.7 | 98 | | | | | 30.61 | 17.88 | 21.94 |
| 18.0 | 1051 | 27.0 | | | 0.38 | 3.2 | | 7.5 | 7.7 | 97 | | | | | 30.65 | 17.82 | 21.99 |
| 18.0 | 1051 | 28.0 | | | 0.37 | 3.2 | | 7.5 | 7.7 | 97 | | | | | 30.68 | 17.76 | 22.03 |
| 18.0 | 1051 | 29.0 | | | 0.37 | 3.2 | | 7.5 | 7.7 | 97 | | | | | 30.73 | 17.66 | 22.08 |
| 18.0 | 1051 | 30.0 | | | 0.38 | 3.2 | | 7.5 | 7.7 | 98 | | | | | 30.73 | 17.65 | 22.09 |
| 18.0 | 1051 | 31.0 | | | 0.38 | 3.3 | | 7.6 | 7.7 | 98 | | | | | 30.72 | 17.67 | 22.08 |

97217

August 5, 1997

North San Francisco Bay

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------------|-------------|-------|-------|-------|-------|
| 18.0 | 1051 | 32.0 | | | 0.39 | 3.4 | | 7.5 | 7.7 | 98 | | | | | 30.72 | 17.67 | 22.08 |
| 18.0 | 1051 | 33.0 | | | 0.38 | 3.3 | | 7.6 | 7.7 | 98 | | | | | 30.73 | 17.65 | 22.09 |
| 18.0 | 1051 | 34.0 | | | 0.38 | 3.2 | | 7.6 | 7.7 | 98 | | | | | 30.72 | 17.66 | 22.08 |
| 18.0 | 1051 | 35.0 | | | 0.38 | 3.3 | | 7.6 | 7.7 | 98 | | | | | 30.73 | 17.66 | 22.08 |
| 18.0 | 1051 | 36.0 | | | 0.38 | 3.2 | | 7.6 | 7.7 | 98 | | | | | 30.73 | 17.65 | 22.09 |
| 18.0 | 1051 | 37.0 | | | 0.38 | 3.3 | | 7.6 | 7.7 | 98 | | | | | 30.74 | 17.63 | 22.10 |
| 18.0 | 1051 | 38.0 | | | 0.38 | 3.2 | | 7.6 | 7.7 | 98 | | | | | 30.74 | 17.62 | 22.10 |
| 18.0 | 1051 | 39.0 | | | 0.37 | 3.1 | | 7.6 | 7.8 | 98 | | | | | 30.74 | 17.63 | 22.10 |
| 18.0 | 1051 | 40.0 | | | 0.36 | 3.0 | | 7.6 | 7.7 | 98 | | | | | 30.74 | 17.63 | 22.10 |
| 18.0 | 1051 | 41.0 | | | 0.36 | 3.0 | | 7.6 | 7.7 | 98 | | | | | 30.80 | 17.55 | 22.16 |
| 20.0 | 1028 | 1.0 | | | 0.32 | 2.5 | | 7.1 | 7.4 | 95 | | | | 0.7 | 30.63 | 18.49 | 21.81 |
| 20.0 | 1028 | 2.0 | | | 0.32 | 2.5 | | 7.1 | 7.4 | 95 | | | | | 30.64 | 18.41 | 21.84 |
| 20.0 | 1028 | 3.0 | | | 0.29 | 2.3 | | 7.1 | 7.4 | 95 | | | | | 30.66 | 18.25 | 21.89 |
| 20.0 | 1028 | 4.0 | | | 0.28 | 2.1 | | 7.1 | 7.4 | 95 | | | | | 30.67 | 18.22 | 21.91 |
| 20.0 | 1028 | 5.0 | | | 0.27 | 2.0 | | 7.1 | 7.4 | 95 | | | | | 30.67 | 18.22 | 21.91 |
| 20.0 | 1028 | 6.0 | | | 0.27 | 2.0 | | 7.2 | 7.5 | 95 | | | | | 30.68 | 18.21 | 21.92 |
| 20.0 | 1028 | 7.0 | | | 0.27 | 1.9 | | 7.2 | 7.5 | 96 | | | | | 30.69 | 18.22 | 21.92 |
| 20.0 | 1028 | 8.0 | | | 0.27 | 1.9 | | 7.2 | 7.5 | 96 | | | | | 30.69 | 18.22 | 21.92 |
| 20.0 | 1028 | 9.0 | | | 0.27 | 1.9 | | 7.2 | 7.5 | 96 | | | | | 30.69 | 18.22 | 21.92 |
| 20.0 | 1028 | 10.0 | | | 0.26 | 1.9 | | 7.3 | 7.5 | 96 | | | | | 30.69 | 18.23 | 21.92 |
| 20.0 | 1028 | 11.0 | | | 0.26 | 1.9 | | 7.2 | 7.5 | 96 | | | | | 30.70 | 18.23 | 21.93 |
| 20.0 | 1028 | 12.0 | | | 0.26 | 1.9 | | 7.3 | 7.5 | 96 | | | | | 30.70 | 18.24 | 21.93 |
| 20.0 | 1028 | 13.0 | | | 0.27 | 2.0 | | 7.3 | 7.5 | 97 | | | | | 30.71 | 18.25 | 21.93 |
| 20.0 | 1028 | 14.0 | | | 0.27 | 2.0 | | 7.3 | 7.5 | 96 | | | | | 30.71 | 18.25 | 21.93 |
| 20.0 | 1028 | 15.0 | | | 0.28 | 2.1 | | 7.3 | 7.5 | 96 | | | | | 30.71 | 18.25 | 21.93 |
| 20.0 | 1028 | 16.0 | | | 0.28 | 2.1 | | 7.3 | 7.5 | 96 | | | | | 30.71 | 18.25 | 21.93 |
| 20.0 | 1028 | 17.0 | | | 0.29 | 2.2 | | 7.3 | 7.5 | 96 | | | | | 30.72 | 18.25 | 21.94 |
| 20.0 | 1028 | 18.0 | | | 0.30 | 2.3 | | 7.3 | 7.5 | 96 | | | | | 30.72 | 18.25 | 21.94 |
| 20.0 | 1028 | 19.0 | | | 0.31 | 2.4 | | 7.4 | 7.6 | 97 | | | | | 30.73 | 18.25 | 21.95 |
| 20.0 | 1028 | 20.0 | | | 0.31 | 2.4 | | 7.4 | 7.6 | 97 | | | | | 30.74 | 18.25 | 21.95 |
| 20.0 | 1028 | 21.0 | | | 0.32 | 2.5 | | 7.4 | 7.6 | 97 | | | | | 30.76 | 18.23 | 21.98 |
| 20.0 | 1028 | 22.0 | | | 0.33 | 2.6 | | 7.4 | 7.6 | 97 | | | | | 30.77 | 18.24 | 21.98 |
| 20.0 | 1028 | 23.0 | | | 0.34 | 2.7 | | 7.3 | 7.5 | 96 | | | | | 30.81 | 18.19 | 22.02 |
| 20.0 | 1028 | 24.0 | | | 0.34 | 2.8 | | 7.4 | 7.6 | 97 | | | | | 30.82 | 18.18 | 22.03 |
| 20.0 | 1028 | 25.0 | | | 0.34 | 2.8 | | 7.4 | 7.6 | 97 | | | | | 30.82 | 18.17 | 22.03 |
| 20.0 | 1028 | 26.0 | | | 0.34 | 2.8 | | 7.3 | 7.5 | 96 | | | | | 30.82 | 18.17 | 22.04 |
| 20.0 | 1028 | 27.0 | | | 0.37 | 3.1 | | 7.3 | 7.5 | 96 | | | | | 30.84 | 18.15 | 22.05 |
| 20.0 | 1028 | 28.0 | | | 0.38 | 3.2 | | 7.3 | 7.6 | 97 | | | | | 30.84 | 18.16 | 22.05 |

| North San Francisco Bay | August 5, 1997 | | Year Day: 97217 | |
|-------------------------------|----------------|----------------|-----------------|-----------|
| | n | r ² | Slope | Inter. |
| Fluorometer Calibration: | 11 | 0.653 | 11.370 | -1.084 |
| Dissolved Oxygen Calibration: | 8 | 0.636 | 0.673 | 2.638 |
| | | | | Std. Err. |
| | | | | 0.372 |
| | | | | 0.242 |

OBS sensor was damaged before cruise hence OBS & SPM values were excluded.
 SeaBird v4.026

South San Francisco Bay

August 5, 1997

97217

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------------|-------------|-------|-------|-------|-------|
| 36.0 | 0626 | 1.0 | | | 1.02 | 9.7 | | 5.5 | 5.3 | 71 | | | | | 24.98 | 22.82 | 16.40 |
| 36.0 | 0626 | 2.0 | 10.0 | 0.61 | 1.03 | 9.9 | 5.4 | 5.5 | 5.4 | 73 | | | | | 25.44 | 22.84 | 16.75 |
| 36.0 | 0626 | 3.0 | | | 1.05 | 10.1 | | 5.6 | 5.4 | 73 | | | | | 25.92 | 22.84 | 17.11 |
| 36.0 | 0626 | 4.0 | | | 1.08 | 10.4 | | 5.5 | 5.4 | 73 | | | | | 26.16 | 22.76 | 17.31 |
| 36.0 | 0626 | 5.0 | | | 1.09 | 10.5 | | 5.6 | 5.4 | 73 | | | | | 26.25 | 22.72 | 17.39 |
| 36.0 | 0626 | 6.0 | 11.1 | 0.48 | 1.08 | 10.5 | | 5.6 | 5.4 | 73 | | | | | 26.25 | 22.72 | 17.39 |
| 34.0 | 0644 | 1.0 | | | 0.78 | 6.9 | | 6.1 | 6.0 | 81 | | | | 4.0 | 27.49 | 22.50 | 18.39 |
| 34.0 | 0644 | 2.0 | | | 0.79 | 7.0 | | 6.0 | 5.9 | 81 | | | | | 27.55 | 22.47 | 18.44 |
| 34.0 | 0644 | 3.0 | | | 0.80 | 7.2 | | 6.0 | 5.9 | 80 | | | | | 27.62 | 22.42 | 18.51 |
| 34.0 | 0644 | 4.0 | | | 0.82 | 7.4 | | 5.8 | 5.7 | 77 | | | | | 27.73 | 22.34 | 18.61 |
| 34.0 | 0644 | 5.0 | | | 0.84 | 7.7 | | 5.7 | 5.6 | 76 | | | | | 27.84 | 22.24 | 18.73 |
| 34.0 | 0644 | 6.0 | | | 0.85 | 7.7 | | 5.9 | 5.8 | 78 | | | | | 27.97 | 22.10 | 18.86 |
| 32.0 | 0705 | 1.0 | | | 0.65 | 5.4 | | 6.4 | 6.3 | 86 | | | | 2.2 | 28.71 | 22.49 | 19.32 |
| 32.0 | 0705 | 2.0 | 5.3 | 0.73 | 0.65 | 5.4 | 6.3 | 6.3 | 6.3 | 86 | | | | | 28.83 | 22.46 | 19.41 |
| 32.0 | 0705 | 3.0 | | | 0.65 | 5.4 | | 6.3 | 6.3 | 86 | | | | | 28.86 | 22.45 | 19.44 |
| 32.0 | 0705 | 4.0 | | | 0.65 | 5.5 | | 6.3 | 6.3 | 86 | | | | | 28.86 | 22.45 | 19.44 |
| 32.0 | 0705 | 5.0 | | | 0.66 | 5.5 | | 6.3 | 6.3 | 86 | | | | | 28.89 | 22.44 | 19.46 |
| 32.0 | 0705 | 6.0 | | | 0.67 | 5.6 | | 6.3 | 6.3 | 86 | | | | | 28.93 | 22.42 | 19.50 |
| 32.0 | 0705 | 7.0 | | | 0.67 | 5.6 | | 6.3 | 6.3 | 86 | | | | | 28.94 | 22.42 | 19.51 |
| 32.0 | 0705 | 8.0 | | | 0.67 | 5.6 | | 6.3 | 6.3 | 86 | | | | | 28.95 | 22.41 | 19.52 |
| 32.0 | 0705 | 9.0 | | | 0.68 | 5.7 | | 6.4 | 6.3 | 87 | | | | | 29.11 | 22.35 | 19.66 |
| 32.0 | 0705 | 10.0 | | | 0.68 | 5.7 | | 6.4 | 6.4 | 87 | | | | | 29.20 | 22.31 | 19.73 |
| 32.0 | 0705 | 11.0 | 4.4 | 0.39 | 0.67 | 5.7 | | 6.4 | 6.3 | 87 | | | | | 29.20 | 22.31 | 19.73 |
| 30.0 | 0733 | 1.0 | | | 0.50 | 3.7 | | 6.6 | 6.6 | 90 | | | | 2.2 | 29.65 | 22.25 | 20.09 |
| 30.0 | 0733 | 2.0 | 3.6 | 0.67 | 0.50 | 3.7 | 6.6 | 6.6 | 6.6 | 90 | | | | | 29.65 | 22.25 | 20.09 |
| 30.0 | 0733 | 3.0 | | | 0.51 | 3.8 | | 6.6 | 6.6 | 90 | | | | | 29.65 | 22.24 | 20.09 |
| 30.0 | 0733 | 4.0 | | | 0.53 | 4.0 | | 6.6 | 6.6 | 90 | | | | | 29.67 | 22.26 | 20.10 |
| 30.0 | 0733 | 5.0 | | | 0.53 | 4.0 | | 6.6 | 6.6 | 90 | | | | | 29.68 | 22.26 | 20.11 |
| 30.0 | 0733 | 6.0 | | | 0.53 | 4.0 | | 6.6 | 6.6 | 90 | | | | | 29.69 | 22.25 | 20.13 |
| 30.0 | 0733 | 7.0 | | | 0.53 | 4.0 | | 6.6 | 6.6 | 90 | | | | | 29.71 | 22.24 | 20.14 |
| 30.0 | 0733 | 8.0 | | | 0.54 | 4.1 | | 6.6 | 6.6 | 90 | | | | | 29.71 | 22.24 | 20.14 |
| 30.0 | 0733 | 9.0 | | | 0.54 | 4.1 | | 6.6 | 6.6 | 90 | | | | | 29.72 | 22.24 | 20.15 |
| 30.0 | 0733 | 10.0 | | | 0.54 | 4.1 | | 6.6 | 6.6 | 90 | | | | | 29.72 | 22.24 | 20.15 |
| 30.0 | 0733 | 11.0 | | | 0.55 | 4.3 | | 6.6 | 6.6 | 90 | | | | | 29.72 | 22.23 | 20.15 |
| 30.0 | 0733 | 12.0 | | | 0.58 | 4.6 | | 6.6 | 6.6 | 90 | | | | | 29.71 | 22.22 | 20.15 |
| 30.0 | 0733 | 13.0 | | | 0.58 | 4.6 | | 6.6 | 6.6 | 90 | | | | | 29.71 | 22.22 | 20.15 |
| 29.0 | 0752 | 1.0 | | | 0.36 | 2.0 | | 6.4 | 6.3 | 87 | | | | 1.9 | 29.95 | 21.87 | 20.43 |
| 29.0 | 0752 | 2.0 | | | 0.36 | 2.0 | | 6.4 | 6.4 | 87 | | | | | 29.95 | 21.87 | 20.42 |
| 29.0 | 0752 | 3.0 | | | 0.35 | 1.9 | | 6.4 | 6.4 | 87 | | | | | 29.95 | 21.87 | 20.42 |

South San Francisco Bay

August 5, 1997

97217

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------------|-------------|-------|-------|-------|-------|
| 29.0 | 0752 | 4.0 | | | 0.35 | 1.9 | | 6.4 | 6.4 | 87 | | | | | 29.95 | 21.83 | 20.43 |
| 29.0 | 0752 | 5.0 | | | 0.35 | 1.9 | | 6.5 | 6.4 | 88 | | | | | 29.93 | 21.78 | 20.43 |
| 29.0 | 0752 | 6.0 | | | 0.34 | 1.8 | | 6.5 | 6.5 | 88 | | | | | 29.93 | 21.78 | 20.43 |
| 29.0 | 0752 | 7.0 | | | 0.34 | 1.8 | | 6.5 | 6.5 | 88 | | | | | 29.93 | 21.78 | 20.43 |
| 29.0 | 0752 | 8.0 | | | 0.34 | 1.8 | | 6.5 | 6.5 | 88 | | | | | 29.93 | 21.77 | 20.43 |
| 29.0 | 0752 | 9.0 | | | 0.35 | 1.9 | | 6.5 | 6.5 | 88 | | | | | 29.93 | 21.76 | 20.43 |
| 29.0 | 0752 | 10.0 | | | 0.35 | 1.9 | | 6.5 | 6.5 | 88 | | | | | 29.93 | 21.76 | 20.44 |
| 29.0 | 0752 | 11.0 | | | 0.36 | 2.0 | | 6.5 | 6.5 | 88 | | | | | 29.93 | 21.75 | 20.44 |
| 29.0 | 0752 | 12.0 | | | 0.37 | 2.1 | | 6.5 | 6.5 | 88 | | | | | 29.93 | 21.74 | 20.44 |
| 29.0 | 0752 | 13.0 | | | 0.38 | 2.3 | | 6.5 | 6.5 | 88 | | | | | 29.93 | 21.74 | 20.45 |
| 29.0 | 0752 | 14.0 | | | 0.38 | 2.3 | | 6.5 | 6.5 | 88 | | | | | 29.93 | 21.73 | 20.45 |
| 27.0 | 0818 | 1.0 | | | 0.33 | 1.7 | | 6.7 | 6.7 | 91 | | | | 2.0 | 30.07 | 21.61 | 20.58 |
| 27.0 | 0818 | 2.0 | 2.2 | 0.62 | 0.33 | 1.7 | 6.7 | 6.7 | 6.7 | 91 | | | | | 30.07 | 21.61 | 20.59 |
| 27.0 | 0818 | 3.0 | | | 0.33 | 1.7 | 6.7 | 6.7 | 6.7 | 91 | | | | | 30.07 | 21.61 | 20.58 |
| 27.0 | 0818 | 4.0 | | | 0.34 | 1.8 | | 6.7 | 6.7 | 91 | | | | | 30.07 | 21.61 | 20.58 |
| 27.0 | 0818 | 5.0 | | | 0.34 | 1.8 | | 6.7 | 6.7 | 91 | | | | | 30.08 | 21.60 | 20.59 |
| 27.0 | 0818 | 6.0 | | | 0.35 | 1.9 | | 6.7 | 6.7 | 91 | | | | | 30.08 | 21.60 | 20.60 |
| 27.0 | 0818 | 7.0 | | | 0.37 | 2.1 | | 6.7 | 6.7 | 91 | | | | | 30.09 | 21.58 | 20.60 |
| 27.0 | 0818 | 8.0 | | | 0.38 | 2.3 | | 6.7 | 6.7 | 91 | | | | | 30.09 | 21.58 | 20.61 |
| 27.0 | 0818 | 9.0 | | | 0.40 | 2.5 | | 6.7 | 6.7 | 91 | | | | | 30.09 | 21.58 | 20.61 |
| 27.0 | 0818 | 10.0 | | | 0.42 | 2.7 | | 6.7 | 6.7 | 91 | | | | | 30.09 | 21.57 | 20.61 |
| 27.0 | 0818 | 11.0 | | | 0.43 | 2.9 | | 6.7 | 6.7 | 91 | | | | | 30.09 | 21.57 | 20.61 |
| 27.0 | 0818 | 12.0 | 2.0 | 0.20 | 0.43 | 2.9 | | 6.7 | 6.7 | 91 | | | | | 30.09 | 21.57 | 20.61 |
| 25.0 | 0841 | 1.0 | | | 0.42 | 2.7 | | 7.1 | 7.1 | 95 | | | | 1.3 | 30.39 | 20.74 | 21.06 |
| 25.0 | 0841 | 2.0 | | | 0.41 | 2.6 | | 7.1 | 7.1 | 95 | | | | | 30.39 | 20.72 | 21.07 |
| 25.0 | 0841 | 3.0 | | | 0.41 | 2.6 | | 7.1 | 7.1 | 96 | | | | | 30.39 | 20.71 | 21.07 |
| 25.0 | 0841 | 4.0 | | | 0.41 | 2.6 | | 7.1 | 7.2 | 96 | | | | | 30.39 | 20.72 | 21.07 |
| 25.0 | 0841 | 5.0 | | | 0.42 | 2.7 | | 7.1 | 7.2 | 96 | | | | | 30.39 | 20.71 | 21.07 |
| 25.0 | 0841 | 6.0 | | | 0.42 | 2.7 | | 7.1 | 7.2 | 96 | | | | | 30.39 | 20.71 | 21.07 |
| 25.0 | 0841 | 7.0 | | | 0.42 | 2.7 | | 7.1 | 7.2 | 96 | | | | | 30.39 | 20.70 | 21.07 |
| 25.0 | 0841 | 8.0 | | | 0.42 | 2.7 | | 7.1 | 7.2 | 96 | | | | | 30.39 | 20.70 | 21.07 |
| 24.0 | 0901 | 1.0 | | | 0.35 | 1.9 | | 7.1 | 7.1 | 94 | | | | 1.3 | 30.46 | 20.18 | 21.26 |
| 24.0 | 0901 | 2.0 | 2.6 | 0.70 | 0.35 | 1.9 | 7.1 | 7.1 | 7.1 | 95 | | | | | 30.46 | 20.17 | 21.26 |
| 24.0 | 0901 | 3.0 | | | 0.34 | 1.8 | 7.1 | 7.1 | 7.2 | 95 | | | | | 30.46 | 20.17 | 21.26 |
| 24.0 | 0901 | 4.0 | | | 0.33 | 1.6 | | 7.1 | 7.2 | 95 | | | | | 30.46 | 20.17 | 21.26 |
| 24.0 | 0901 | 5.0 | | | 0.32 | 1.6 | | 7.1 | 7.2 | 95 | | | | | 30.46 | 20.17 | 21.26 |
| 24.0 | 0901 | 6.0 | | | 0.32 | 1.6 | | 7.1 | 7.2 | 95 | | | | | 30.46 | 20.16 | 21.26 |
| 24.0 | 0901 | 7.0 | | | 0.33 | 1.6 | | 7.2 | 7.2 | 96 | | | | | 30.46 | 20.16 | 21.26 |
| 24.0 | 0901 | 8.0 | | | 0.34 | 1.7 | | 7.1 | 7.2 | 95 | | | | | 30.45 | 20.16 | 21.26 |
| 24.0 | 0901 | 9.0 | | | 0.34 | 1.8 | | 7.1 | 7.2 | 95 | | | | | 30.45 | 20.16 | 21.26 |

| South San Francisco Bay | | | | | | | | | | August 5, 1997 | | | | 97217 | | | |
|-------------------------|------|-------|-------|------|--------------|-------|-------|------|-------|----------------|------|-----------|-----------|-----------|-------|-------|-------|
| STN | TIME | DEPTH | DISCR | | CHL a/ a+PHA | FLUOR | CALC | | DISCR | OBS | CALC | % OXY SAT | DISCR SPM | EXCOF | SALIN | TEMP | SIGT |
| | | | CHL a | OXYG | | | CHL a | OXYG | | | | | | | | | |
| 24.0 | 0901 | 10.0 | 2.2 | 0.53 | 0.34 | 1.8 | | 7.1 | 7.2 | 95 | | | | 1.0 | 30.45 | 20.16 | 21.26 |
| 22.0 | 0930 | 1.0 | | | 0.37 | 2.2 | | 6.8 | 6.8 | 92 | | | | | 30.37 | 20.79 | 21.03 |
| 22.0 | 0930 | 2.0 | | | 0.38 | 2.2 | | 6.9 | 6.9 | 92 | | | | | 30.44 | 20.43 | 21.18 |
| 22.0 | 0930 | 3.0 | | | 0.36 | 2.0 | | 6.8 | 6.8 | 90 | | | | | 30.46 | 20.28 | 21.23 |
| 22.0 | 0930 | 4.0 | | | 0.34 | 1.8 | | 6.8 | 6.8 | 90 | | | | | 30.50 | 19.98 | 21.34 |
| 22.0 | 0930 | 5.0 | | | 0.31 | 1.5 | | 6.9 | 6.9 | 90 | | | | | 30.53 | 19.78 | 21.41 |
| 22.0 | 0930 | 6.0 | | | 0.29 | 1.2 | | 6.9 | 6.9 | 91 | | | | | 30.54 | 19.69 | 21.44 |
| 22.0 | 0930 | 7.0 | | | 0.28 | 1.1 | | 6.9 | 6.9 | 91 | | | | | 30.55 | 19.62 | 21.47 |
| 22.0 | 0930 | 8.0 | | | 0.27 | 1.0 | | 6.9 | 6.9 | 91 | | | | | 30.55 | 19.57 | 21.48 |
| 22.0 | 0930 | 9.0 | | | 0.27 | 0.9 | | 6.9 | 6.9 | 91 | | | | | 30.56 | 19.50 | 21.51 |
| 22.0 | 0930 | 10.0 | | | 0.26 | 0.8 | | 6.9 | 6.9 | 91 | | | | | 30.56 | 19.46 | 21.52 |
| 22.0 | 0930 | 11.0 | | | 0.26 | 0.8 | | 6.9 | 7.0 | 91 | | | | | 30.57 | 19.41 | 21.53 |
| 22.0 | 0930 | 12.0 | | | 0.26 | 0.9 | | 6.9 | 7.0 | 91 | | | | | 30.57 | 19.36 | 21.55 |
| 22.0 | 0930 | 13.0 | | | 0.27 | 0.9 | | 6.9 | 7.0 | 91 | | | | | 30.58 | 19.30 | 21.57 |
| 22.0 | 0930 | 14.0 | | | 0.27 | 1.0 | | 6.9 | 7.0 | 91 | | | | | 30.58 | 19.28 | 21.58 |
| 22.0 | 0930 | 15.0 | | | 0.28 | 1.1 | | 6.9 | 7.0 | 91 | | | | | 30.58 | 19.28 | 21.58 |
| 22.0 | 0930 | 16.0 | | | 0.28 | 1.1 | | 6.9 | 7.0 | 91 | | | | | 30.58 | 19.28 | 21.58 |
| | | | | | | | | | | Slope | | Inter. | | Std. Err. | | | |

Fluorometer Calibration:
Dissolved Oxygen Calibration:

OBS sensor was damaged before cruise hence OBS & SPM values were excluded.
Seabird v4.026

97252

September 9, 1997

North San Francisco Bay

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|-------|------|-------|----------------|-----------------|-------|---------------|---------------|--------------|--------------|--------------|------|-------------|-------|-------|-------|------|
| 657.0 | 1738 | 1.0 | 1.9 | 0.71 | 0.25 | 1.9 | 8.0 | 7.9 | 8.0 | 92 | 0.01 | 12 | 1.4 | 0.10 | 22.07 | 0.00 |
| 657.0 | 1738 | 2.0 | | | 0.25 | 1.9 | 8.0 | 7.9 | 8.1 | 93 | 0.01 | 12 | | 0.10 | 22.06 | 0.00 |
| 657.0 | 1738 | 3.0 | | | 0.25 | 1.9 | | 8.0 | 8.2 | 94 | 0.01 | 11 | | 0.10 | 22.07 | 0.00 |
| 657.0 | 1738 | 4.0 | | | 0.25 | 1.9 | | 8.1 | 8.2 | 94 | 0.01 | 11 | | 0.10 | 22.07 | 0.00 |
| 657.0 | 1738 | 5.0 | | | 0.25 | 1.9 | | 8.1 | 8.2 | 94 | 0.01 | 11 | | 0.10 | 22.08 | 0.00 |
| 657.0 | 1738 | 6.0 | | | 0.25 | 1.9 | | 8.1 | 8.2 | 94 | 0.01 | 11 | | 0.10 | 22.08 | 0.00 |
| 657.0 | 1738 | 7.0 | | | 0.25 | 1.9 | | 8.0 | 8.1 | 93 | 0.01 | 12 | | 0.10 | 22.09 | 0.00 |
| 657.0 | 1738 | 8.0 | | | 0.25 | 1.9 | | 7.9 | 8.0 | 92 | 0.01 | 12 | | 0.10 | 22.09 | 0.00 |
| 657.0 | 1738 | 9.0 | | | 0.26 | 1.9 | | 7.8 | 7.9 | 91 | 0.01 | 12 | | 0.10 | 22.10 | 0.00 |
| 657.0 | 1738 | 10.0 | 1.6 | 0.61 | 0.26 | 1.9 | | 7.9 | 8.0 | 92 | 0.01 | 12 | | 0.10 | 22.09 | 0.00 |
| 649.0 | 1647 | 1.0 | | | 0.31 | 2.2 | 8.4 | 8.2 | 8.4 | 96 | 0.03 | 22 | 2.2 | 0.23 | 21.59 | 0.00 |
| 649.0 | 1647 | 2.0 | 2.6 | 0.66 | 0.31 | 2.2 | 8.4 | 8.3 | 8.5 | 96 | 0.03 | 22 | | 0.23 | 21.59 | 0.00 |
| 649.0 | 1647 | 3.0 | | | 0.31 | 2.2 | | 8.4 | 8.5 | 97 | 0.03 | 22 | | 0.23 | 21.59 | 0.00 |
| 649.0 | 1647 | 4.0 | | | 0.31 | 2.2 | | 8.5 | 8.6 | 98 | 0.03 | 21 | | 0.23 | 21.58 | 0.00 |
| 649.0 | 1647 | 5.0 | | | 0.31 | 2.2 | | 8.5 | 8.6 | 98 | 0.03 | 22 | | 0.23 | 21.58 | 0.00 |
| 649.0 | 1647 | 6.0 | | | 0.31 | 2.2 | | 8.5 | 8.6 | 98 | 0.03 | 21 | | 0.24 | 21.57 | 0.00 |
| 649.0 | 1647 | 7.0 | | | 0.31 | 2.2 | | 8.5 | 8.7 | 99 | 0.03 | 20 | | 0.25 | 21.56 | 0.00 |
| 649.0 | 1647 | 8.0 | | | 0.33 | 2.3 | | 8.4 | 8.6 | 98 | 0.04 | 26 | | 0.32 | 21.67 | 0.00 |
| 649.0 | 1647 | 9.0 | | | 0.34 | 2.4 | | 8.3 | 8.5 | 97 | 0.06 | 34 | | 0.34 | 21.70 | 0.00 |
| 649.0 | 1647 | 10.0 | | | 0.35 | 2.4 | | 8.3 | 8.4 | 96 | 0.06 | 35 | | 0.36 | 21.75 | 0.00 |
| 649.0 | 1647 | 11.0 | 2.6 | 0.65 | 0.35 | 2.4 | | 8.2 | 8.3 | 95 | 0.08 | 42 | | 0.43 | 21.85 | 0.00 |
| 2.0 | 1626 | 1.0 | | | 0.31 | 2.2 | 8.4 | 8.2 | 8.4 | 97 | 0.04 | 23 | 2.2 | 0.92 | 22.12 | 0.00 |
| 2.0 | 1626 | 2.0 | | | 0.32 | 2.2 | | 8.3 | 8.5 | 98 | 0.03 | 22 | | 0.90 | 22.12 | 0.00 |
| 2.0 | 1626 | 3.0 | | | 0.32 | 2.2 | | 8.4 | 8.6 | 99 | 0.03 | 22 | | 0.90 | 22.12 | 0.00 |
| 2.0 | 1626 | 4.0 | | | 0.32 | 2.2 | | 8.5 | 8.6 | 100 | 0.03 | 21 | | 0.90 | 22.12 | 0.00 |
| 2.0 | 1626 | 5.0 | | | 0.31 | 2.2 | | 8.5 | 8.7 | 100 | 0.03 | 20 | | 1.00 | 22.13 | 0.00 |
| 2.0 | 1626 | 6.0 | | | 0.31 | 2.2 | | 8.4 | 8.6 | 100 | 0.03 | 21 | | 1.17 | 22.20 | 0.00 |
| 2.0 | 1626 | 7.0 | | | 0.30 | 2.1 | | 8.4 | 8.5 | 99 | 0.03 | 21 | | 1.24 | 22.23 | 0.00 |
| 2.0 | 1626 | 8.0 | | | 0.29 | 2.1 | | 8.3 | 8.4 | 98 | 0.03 | 21 | | 1.28 | 22.23 | 0.00 |
| 2.0 | 1626 | 9.0 | | | 0.29 | 2.1 | | 8.2 | 8.3 | 97 | 0.03 | 21 | | 1.31 | 22.24 | 0.00 |
| 2.0 | 1626 | 10.0 | | | 0.29 | 2.1 | | 8.1 | 8.2 | 96 | 0.03 | 21 | | 1.37 | 22.22 | 0.00 |
| 2.0 | 1626 | 11.0 | | | 0.29 | 2.1 | | 8.1 | 8.2 | 95 | 0.03 | 20 | | 1.58 | 22.15 | 0.00 |
| 3.0 | 1611 | 1.0 | | | 0.28 | 2.0 | 8.4 | 8.4 | 8.6 | 99 | 0.04 | 25 | 2.6 | 1.38 | 22.07 | 0.00 |
| 3.0 | 1611 | 2.0 | 2.2 | 0.67 | 0.28 | 2.0 | | 8.5 | 8.6 | 100 | 0.04 | 23 | | 1.38 | 22.06 | 0.00 |
| 3.0 | 1611 | 3.0 | | | 0.28 | 2.0 | | 8.5 | 8.7 | 101 | 0.04 | 23 | | 1.39 | 22.06 | 0.00 |
| 3.0 | 1611 | 4.0 | | | 0.27 | 2.0 | | 8.5 | 8.6 | 100 | 0.04 | 23 | | 1.42 | 22.05 | 0.00 |
| 3.0 | 1611 | 5.0 | | | 0.27 | 2.0 | | 8.4 | 8.6 | 99 | 0.04 | 23 | | 1.55 | 22.00 | 0.00 |
| 3.0 | 1611 | 6.0 | | | 0.26 | 1.9 | | 8.3 | 8.5 | 98 | 0.04 | 23 | | 1.66 | 21.96 | 0.00 |
| 3.0 | 1611 | 7.0 | | | 0.26 | 1.9 | | 8.2 | 8.4 | 97 | 0.04 | 24 | | 1.76 | 21.94 | 0.00 |
| 3.0 | 1611 | 8.0 | | | 0.26 | 1.9 | | 8.1 | 8.2 | 96 | 0.04 | 23 | | 1.87 | 21.91 | 0.00 |

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SGT |
|-----|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-------------|-------|-------|-------|------|
| 3.0 | 1611 | 9.0 | | | 0.25 | 1.9 | | 8.0 | 8.1 | 94 | | 0.04 | 24 | | 2.01 | 21.86 | 0.00 |
| 3.0 | 1611 | 10.0 | | | 0.24 | 1.8 | | 8.0 | 8.1 | 94 | | 0.04 | 25 | | 2.16 | 21.81 | 0.00 |
| 3.0 | 1611 | 11.0 | 1.9 | 0.60 | 0.24 | 1.8 | | 8.1 | 8.2 | 95 | | 0.04 | 27 | | 2.29 | 21.80 | 0.00 |
| 4.0 | 1549 | 1.0 | | | 0.24 | 1.8 | | 8.2 | 8.3 | 97 | | 0.03 | 22 | 2.0 | 2.50 | 22.17 | 0.00 |
| 4.0 | 1549 | 2.0 | | | 0.23 | 1.8 | | 8.1 | 8.3 | 96 | | 0.03 | 21 | | 2.56 | 22.03 | 0.00 |
| 4.0 | 1549 | 3.0 | | | 0.22 | 1.7 | | 8.2 | 8.4 | 97 | | 0.03 | 20 | | 2.73 | 21.79 | 0.00 |
| 4.0 | 1549 | 4.0 | | | 0.22 | 1.7 | | 8.3 | 8.4 | 98 | | 0.03 | 22 | | 2.80 | 21.75 | 0.00 |
| 4.0 | 1549 | 5.0 | | | 0.22 | 1.7 | | 8.3 | 8.5 | 98 | | 0.04 | 25 | | 2.85 | 21.73 | 0.00 |
| 4.0 | 1549 | 6.0 | | | 0.23 | 1.8 | | 8.3 | 8.4 | 98 | | 0.05 | 29 | | 2.87 | 21.72 | 0.01 |
| 4.0 | 1549 | 7.0 | | | 0.23 | 1.8 | | 8.2 | 8.4 | 97 | | 0.05 | 30 | | 2.87 | 21.72 | 0.02 |
| 4.0 | 1549 | 8.0 | | | 0.23 | 1.8 | | 8.1 | 8.2 | 96 | | 0.05 | 30 | | 2.88 | 21.72 | 0.03 |
| 4.0 | 1549 | 9.0 | | | 0.23 | 1.8 | | 8.0 | 8.1 | 94 | | 0.06 | 33 | | 3.05 | 21.65 | 0.16 |
| 4.0 | 1549 | 10.0 | | | 0.23 | 1.7 | | 8.0 | 8.1 | 94 | | 0.07 | 38 | | 3.23 | 21.62 | 0.31 |
| 4.0 | 1549 | 11.0 | | | 0.22 | 1.7 | | 7.9 | 8.0 | 93 | | 0.07 | 39 | | 3.56 | 21.66 | 0.55 |
| 4.0 | 1549 | 12.0 | | | 0.22 | 1.7 | | 7.8 | 8.0 | 93 | | 0.07 | 40 | | 3.86 | 21.68 | 0.77 |
| 4.0 | 1549 | 13.0 | | | 0.22 | 1.7 | | 7.8 | 7.9 | 93 | | 0.08 | 45 | | 3.88 | 21.68 | 0.79 |
| 5.0 | 1529 | 1.0 | | | 0.30 | 2.2 | | 8.0 | 8.1 | 95 | | 0.03 | 22 | 2.1 | 3.64 | 22.02 | 0.53 |
| 5.0 | 1529 | 2.0 | | | 0.29 | 2.1 | | 8.0 | 8.1 | 95 | | 0.03 | 22 | | 3.64 | 22.02 | 0.53 |
| 5.0 | 1529 | 3.0 | | | 0.24 | 1.8 | | 8.0 | 8.1 | 95 | | 0.03 | 18 | | 4.20 | 21.80 | 1.00 |
| 5.0 | 1529 | 4.0 | | | 0.21 | 1.6 | | 7.9 | 8.1 | 95 | | 0.02 | 16 | | 4.95 | 21.76 | 1.58 |
| 5.0 | 1529 | 5.0 | | | 0.19 | 1.5 | | 7.9 | 8.1 | 95 | | 0.02 | 16 | | 5.18 | 21.76 | 1.75 |
| 5.0 | 1529 | 6.0 | | | 0.18 | 1.5 | | 7.9 | 8.0 | 95 | | 0.02 | 16 | | 5.31 | 21.76 | 1.85 |
| 5.0 | 1529 | 7.0 | | | 0.18 | 1.5 | | 7.9 | 8.0 | 94 | | 0.02 | 17 | | 5.49 | 21.75 | 1.99 |
| 5.0 | 1529 | 8.0 | | | 0.18 | 1.5 | | 7.8 | 7.9 | 93 | | 0.02 | 17 | | 5.50 | 21.75 | 2.00 |
| 5.0 | 1529 | 9.0 | | | 0.18 | 1.5 | | 7.7 | 7.9 | 93 | | 0.02 | 17 | | 5.61 | 21.73 | 2.08 |
| 5.0 | 1529 | 10.0 | | | 0.17 | 1.5 | | 7.7 | 7.8 | 92 | | 0.02 | 17 | | 5.82 | 21.72 | 2.24 |
| 5.0 | 1529 | 11.0 | | | 0.17 | 1.5 | | 7.6 | 7.7 | 92 | | 0.02 | 15 | | 6.39 | 21.68 | 2.68 |
| 6.0 | 1507 | 1.0 | | | 0.29 | 2.1 | | 8.4 | 8.6 | 102 | | 0.02 | 14 | 1.3 | 6.07 | 22.09 | 2.35 |
| 6.0 | 1507 | 2.0 | | | 0.27 | 2.0 | 8.6 | 8.4 | 8.6 | 102 | 16.8 | 0.02 | 13 | | 6.34 | 21.92 | 2.59 |
| 6.0 | 1507 | 3.0 | 3.1 | 0.82 | 0.24 | 1.8 | | 8.5 | 8.6 | 103 | | 0.02 | 14 | | 6.66 | 21.85 | 2.85 |
| 6.0 | 1507 | 4.0 | | | 0.21 | 1.6 | | 8.4 | 8.5 | 102 | | 0.02 | 14 | | 6.78 | 21.88 | 2.93 |
| 6.0 | 1507 | 5.0 | | | 0.19 | 1.5 | | 8.2 | 8.4 | 100 | | 0.02 | 14 | | 7.18 | 21.76 | 3.26 |
| 6.0 | 1507 | 6.0 | | | 0.17 | 1.4 | | 8.0 | 8.2 | 98 | | 0.02 | 14 | | 8.19 | 21.66 | 4.04 |
| 6.0 | 1507 | 7.0 | | | 0.16 | 1.4 | | 7.9 | 8.0 | 96 | | 0.01 | 13 | | 9.31 | 21.63 | 4.90 |
| 6.0 | 1507 | 8.0 | | | 0.16 | 1.4 | | 7.7 | 7.9 | 95 | | 0.02 | 13 | | 9.80 | 21.63 | 5.26 |
| 6.0 | 1507 | 9.0 | | | 0.16 | 1.4 | | 7.6 | 7.7 | 93 | | 0.01 | 13 | | 10.09 | 21.63 | 5.49 |
| 6.0 | 1507 | 10.0 | 0.6 | 0.50 | 0.16 | 1.4 | | 7.6 | 7.7 | 93 | | 0.01 | 13 | | 10.48 | 21.62 | 5.78 |
| 7.0 | 1439 | 1.0 | | | 0.30 | 2.1 | | 8.3 | 8.5 | 103 | | 0.01 | 12 | 1.4 | 9.60 | 22.21 | 4.97 |
| 7.0 | 1439 | 2.0 | | | 0.29 | 2.1 | | 8.3 | 8.5 | 103 | | 0.01 | 12 | | 9.61 | 22.18 | 4.99 |

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September 9, 1997

North San Francisco Bay

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|-----|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 7.0 | 1439 | 3.0 | | | 0.24 | 1.8 | | 8.1 | 8.2 | 100 | | 0.01 | 12 | | 9.76 | 22.01 | 5.14 |
| 7.0 | 1439 | 4.0 | | | 0.19 | 1.6 | | 7.9 | 8.1 | 98 | | 0.01 | 11 | | 11.26 | 21.59 | 6.37 |
| 7.0 | 1439 | 5.0 | | | 0.17 | 1.4 | | 7.8 | 7.9 | 97 | | 0.01 | 10 | | 11.90 | 21.56 | 6.87 |
| 7.0 | 1439 | 6.0 | | | 0.16 | 1.4 | | 7.7 | 7.8 | 95 | | 0.01 | 10 | | 12.16 | 21.58 | 7.06 |
| 7.0 | 1439 | 7.0 | | | 0.16 | 1.4 | | 7.5 | 7.6 | 93 | | 0.01 | 10 | | 12.52 | 21.59 | 7.32 |
| 7.0 | 1439 | 8.0 | | | 0.16 | 1.4 | | 7.4 | 7.5 | 92 | | 0.01 | 10 | | 13.45 | 21.57 | 8.03 |
| 7.0 | 1439 | 9.0 | | | 0.16 | 1.4 | | 7.2 | 7.3 | 91 | | 0.01 | 9 | | 14.15 | 21.54 | 8.57 |
| 7.0 | 1439 | 10.0 | | | 0.16 | 1.4 | | 7.2 | 7.3 | 90 | | 0.01 | 10 | | 14.35 | 21.52 | 8.72 |
| 7.0 | 1439 | 11.0 | | | 0.16 | 1.4 | | 7.1 | 7.2 | 89 | | 0.01 | 10 | | 14.85 | 21.51 | 9.10 |
| 7.0 | 1439 | 12.0 | | | 0.17 | 1.4 | | 7.0 | 7.1 | 88 | | 0.01 | 9 | | 15.69 | 21.50 | 9.74 |
| 7.0 | 1439 | 13.0 | | | 0.17 | 1.4 | | 7.1 | 7.2 | 89 | | 0.01 | 9 | | 16.12 | 21.49 | 10.07 |
| 8.0 | 1412 | 1.0 | | | 0.40 | 2.7 | | 8.0 | 8.1 | 101 | | 0.01 | 9 | 1.0 | 13.40 | 22.14 | 7.85 |
| 8.0 | 1412 | 2.0 | | | 0.40 | 2.7 | | 8.1 | 8.2 | 102 | | 0.01 | 9 | | 13.39 | 22.15 | 7.84 |
| 8.0 | 1412 | 3.0 | | | 0.39 | 2.7 | | 8.1 | 8.2 | 102 | | 0.01 | 9 | | 13.40 | 22.14 | 7.85 |
| 8.0 | 1412 | 4.0 | | | 0.39 | 2.6 | | 8.0 | 8.1 | 101 | | 0.01 | 9 | | 13.41 | 22.07 | 7.88 |
| 8.0 | 1412 | 5.0 | | | 0.36 | 2.5 | | 7.9 | 8.0 | 99 | | 0.00 | 8 | | 13.45 | 22.00 | 7.92 |
| 8.0 | 1412 | 6.0 | | | 0.29 | 2.1 | | 7.5 | 7.7 | 95 | | 0.01 | 9 | | 13.70 | 21.84 | 8.15 |
| 8.0 | 1412 | 7.0 | | | 0.21 | 1.7 | | 7.4 | 7.5 | 93 | | 0.01 | 9 | | 15.26 | 21.48 | 9.42 |
| 8.0 | 1412 | 8.0 | | | 0.19 | 1.5 | | 7.3 | 7.4 | 92 | | 0.01 | 9 | | 15.59 | 21.48 | 9.67 |
| 8.0 | 1412 | 9.0 | | | 0.18 | 1.5 | | 7.2 | 7.3 | 91 | | 0.00 | 8 | | 16.04 | 21.49 | 10.01 |
| 8.0 | 1412 | 10.0 | | | 0.17 | 1.4 | | 7.1 | 7.2 | 90 | | 0.00 | 8 | | 16.59 | 21.48 | 10.42 |
| 8.0 | 1412 | 11.0 | | | 0.17 | 1.4 | | 7.1 | 7.2 | 90 | | 0.01 | 9 | | 16.81 | 21.48 | 10.59 |
| 8.0 | 1412 | 12.0 | | | 0.18 | 1.5 | | 7.0 | 7.1 | 89 | | 0.00 | 8 | | 17.26 | 21.47 | 10.93 |
| 8.0 | 1412 | 13.0 | | | 0.19 | 1.5 | | 7.0 | 7.1 | 89 | | 0.00 | 8 | | 17.77 | 21.45 | 11.32 |
| 8.0 | 1412 | 14.0 | | | 0.19 | 1.6 | | 7.0 | 7.0 | 89 | | 0.00 | 8 | | 18.10 | 21.44 | 11.57 |
| 8.0 | 1412 | 15.0 | | | 0.20 | 1.6 | | 6.9 | 7.0 | 88 | | 0.01 | 9 | | 18.42 | 21.42 | 11.82 |
| 8.0 | 1412 | 16.0 | | | 0.20 | 1.6 | | 6.9 | 7.0 | 88 | | 0.01 | 9 | | 18.79 | 21.42 | 12.10 |
| 8.0 | 1412 | 17.0 | | | 0.20 | 1.6 | | 6.9 | 7.0 | 89 | | 0.01 | 11 | | 18.90 | 21.42 | 12.18 |
| 9.0 | 1350 | 1.0 | | | 0.28 | 2.0 | | 7.9 | 8.0 | 100 | | 0.01 | 11 | 1.2 | 15.16 | 21.75 | 9.27 |
| 9.0 | 1350 | 2.0 | | 0.76 | 0.28 | 2.0 | 7.9 | 8.0 | 8.1 | 101 | 12.2 | 0.01 | 10 | | 15.11 | 21.77 | 9.23 |
| 9.0 | 1350 | 3.0 | | | 0.28 | 2.0 | | 8.0 | 8.1 | 101 | | 0.01 | 10 | | 15.09 | 21.77 | 9.22 |
| 9.0 | 1350 | 4.0 | | | 0.26 | 1.9 | | 7.8 | 7.9 | 99 | | 0.01 | 10 | | 15.33 | 21.72 | 9.41 |
| 9.0 | 1350 | 5.0 | | | 0.23 | 1.7 | | 7.7 | 7.8 | 97 | | 0.01 | 10 | | 16.28 | 21.58 | 10.16 |
| 9.0 | 1350 | 6.0 | | | 0.20 | 1.6 | | 7.5 | 7.6 | 96 | | 0.01 | 10 | | 16.88 | 21.52 | 10.63 |
| 9.0 | 1350 | 7.0 | | | 0.20 | 1.6 | | 7.4 | 7.5 | 94 | | 0.01 | 11 | | 16.99 | 21.50 | 10.72 |
| 9.0 | 1350 | 8.0 | | | 0.20 | 1.6 | | 7.3 | 7.4 | 93 | | 0.01 | 12 | | 17.21 | 21.49 | 10.89 |
| 9.0 | 1350 | 9.0 | | | 0.20 | 1.6 | | 7.2 | 7.3 | 92 | | 0.02 | 16 | | 17.32 | 21.48 | 10.97 |
| 9.0 | 1350 | 10.0 | | | 0.20 | 1.6 | | 7.2 | 7.3 | 91 | | 0.02 | 15 | | 17.33 | 21.48 | 10.98 |
| 9.0 | 1350 | 11.0 | | | 0.21 | 1.7 | | 7.1 | 7.2 | 91 | | 0.02 | 15 | | 17.59 | 21.47 | 11.18 |
| 9.0 | 1350 | 12.0 | | | 0.22 | 1.7 | | 7.1 | 7.1 | 90 | | 0.02 | 14 | | 18.26 | 21.42 | 11.69 |
| 9.0 | 1350 | 13.0 | | | 0.22 | 1.7 | | 7.0 | 7.1 | 90 | | 0.01 | 13 | | 18.58 | 21.41 | 11.94 |

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North San Francisco Bay

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-----|-------|-------|-------|-------|
| 9.0 | 1350 | 14.0 | | | 0.22 | 1.7 | | 7.0 | 7.1 | 90 | | 0.01 | 11 | | 18.64 | 21.41 | 11.99 |
| 9.0 | 1350 | 15.0 | | | 0.22 | 1.7 | | 7.0 | 7.1 | 90 | | 0.01 | 10 | | 18.68 | 21.40 | 12.02 |
| 9.0 | 1350 | 16.0 | | | 0.22 | 1.7 | | 7.0 | 7.1 | 90 | | 0.01 | 10 | | 18.68 | 21.41 | 12.02 |
| 9.0 | 1350 | 17.0 | | | 0.22 | 1.7 | | 7.0 | 7.1 | 90 | | 0.01 | 10 | | 18.70 | 21.40 | 12.03 |
| 9.0 | 1350 | 18.0 | | | 0.22 | 1.7 | | 7.0 | 7.1 | 90 | | 0.01 | 10 | | 18.71 | 21.40 | 12.04 |
| 9.0 | 1350 | 19.0 | | | 0.22 | 1.7 | | 7.0 | 7.1 | 90 | | 0.01 | 10 | | 18.72 | 21.40 | 12.05 |
| 9.0 | 1350 | 20.0 | | | 0.22 | 1.7 | | 7.0 | 7.1 | 90 | | 0.01 | 10 | | 19.08 | 21.38 | 12.33 |
| 9.0 | 1350 | 21.0 | | | 0.23 | 1.8 | | 7.0 | 7.1 | 90 | | 0.01 | 10 | | 19.77 | 21.35 | 12.86 |
| 9.0 | 1350 | 22.0 | | | 0.24 | 1.8 | | 7.0 | 7.1 | 91 | | 0.01 | 10 | | 19.94 | 21.32 | 12.99 |
| 9.0 | 1350 | 23.0 | | | 0.25 | 1.9 | | 7.0 | 7.1 | 91 | | 0.01 | 9 | | 19.99 | 21.32 | 13.03 |
| 9.0 | 1350 | 24.0 | | | 0.26 | 1.9 | | 7.1 | 7.1 | 91 | | 0.01 | 9 | | 20.11 | 21.31 | 13.13 |
| 9.0 | 1350 | 25.0 | | | 0.26 | 1.9 | | 7.1 | 7.1 | 91 | | 0.01 | 9 | | 20.27 | 21.30 | 13.25 |
| 9.0 | 1350 | 26.0 | | | 0.27 | 2.0 | | 7.1 | 7.2 | 91 | | 0.01 | 10 | | 20.43 | 21.30 | 13.37 |
| 9.0 | 1350 | 27.0 | | | 0.27 | 2.0 | | 7.1 | 7.2 | 92 | | 0.01 | 10 | | 20.50 | 21.29 | 13.42 |
| 9.0 | 1350 | 28.0 | | | 0.27 | 2.0 | | 7.1 | 7.2 | 92 | | 0.01 | 12 | | 20.52 | 21.29 | 13.44 |
| 9.0 | 1350 | 29.0 | | | 0.27 | 2.0 | | 7.1 | 7.2 | 92 | | 0.01 | 12 | | 20.55 | 21.29 | 13.46 |
| 9.0 | 1350 | 30.0 | 1.3 | 0.72 | 0.27 | 2.0 | | 7.1 | 7.2 | 92 | | 0.02 | 13 | | 20.65 | 21.29 | 13.53 |
| 10.0 | 1333 | 1.0 | | | 0.21 | 1.7 | | 7.5 | 7.6 | 96 | | 0.01 | 10 | 1.1 | 16.62 | 21.54 | 10.43 |
| 10.0 | 1333 | 2.0 | | | 0.20 | 1.6 | | 7.6 | 7.7 | 96 | | 0.01 | 10 | | 16.81 | 21.50 | 10.58 |
| 10.0 | 1333 | 3.0 | | | 0.21 | 1.6 | | 7.5 | 7.6 | 96 | | 0.01 | 10 | | 17.17 | 21.45 | 10.86 |
| 10.0 | 1333 | 4.0 | | | 0.20 | 1.6 | | 7.5 | 7.6 | 95 | | 0.01 | 10 | | 17.79 | 21.40 | 11.35 |
| 10.0 | 1333 | 5.0 | | | 0.20 | 1.6 | | 7.4 | 7.5 | 95 | | 0.01 | 10 | | 18.48 | 21.38 | 11.87 |
| 10.0 | 1333 | 6.0 | | | 0.21 | 1.6 | | 7.3 | 7.4 | 94 | | 0.01 | 9 | | 18.62 | 21.37 | 11.98 |
| 10.0 | 1333 | 7.0 | | | 0.21 | 1.7 | | 7.3 | 7.4 | 93 | | 0.00 | 8 | | 18.80 | 21.36 | 12.12 |
| 10.0 | 1333 | 8.0 | | | 0.22 | 1.7 | | 7.2 | 7.3 | 92 | | 0.00 | 8 | | 19.22 | 21.34 | 12.44 |
| 10.0 | 1333 | 9.0 | | | 0.23 | 1.8 | | 7.1 | 7.2 | 92 | | 0.01 | 9 | | 19.84 | 21.32 | 12.91 |
| 10.0 | 1333 | 10.0 | | | 0.24 | 1.8 | | 7.1 | 7.2 | 91 | | 0.00 | 8 | | 20.17 | 21.30 | 13.17 |
| 10.0 | 1333 | 11.0 | | | 0.25 | 1.9 | | 7.1 | 7.1 | 91 | | 0.00 | 7 | | 20.27 | 21.29 | 13.25 |
| 10.0 | 1333 | 12.0 | | | 0.26 | 1.9 | | 7.1 | 7.1 | 91 | | 0.00 | 7 | | 20.30 | 21.29 | 13.27 |
| 10.0 | 1333 | 13.0 | | | 0.26 | 1.9 | | 7.1 | 7.1 | 91 | | 0.00 | 7 | | 20.33 | 21.29 | 13.29 |
| 10.0 | 1333 | 14.0 | | | 0.26 | 1.9 | | 7.1 | 7.1 | 91 | | 0.00 | 7 | | 20.33 | 21.29 | 13.29 |
| 10.0 | 1333 | 15.0 | | | 0.27 | 2.0 | | 7.1 | 7.1 | 91 | | 0.00 | 8 | | 20.33 | 21.29 | 13.30 |
| 10.0 | 1333 | 16.0 | | | 0.27 | 2.0 | | 7.1 | 7.1 | 91 | | 0.00 | 7 | | 20.35 | 21.29 | 13.31 |
| 10.0 | 1333 | 17.0 | | | 0.27 | 2.0 | | 7.1 | 7.1 | 91 | | 0.00 | 8 | | 20.37 | 21.29 | 13.32 |
| 10.0 | 1333 | 18.0 | | | 0.27 | 2.0 | | 7.1 | 7.2 | 91 | | 0.00 | 8 | | 20.47 | 21.29 | 13.40 |
| 10.0 | 1333 | 19.0 | | | 0.27 | 2.0 | | 7.1 | 7.2 | 91 | | 0.00 | 7 | | 20.58 | 21.29 | 13.48 |
| 11.0 | 1306 | 1.0 | | | 0.33 | 2.3 | | 7.6 | 7.8 | 98 | | 0.00 | 6 | 0.7 | 17.22 | 21.70 | 10.84 |
| 11.0 | 1306 | 2.0 | | | 0.34 | 2.3 | | 7.6 | 7.7 | 97 | | 0.00 | 6 | | 17.65 | 21.60 | 11.19 |
| 11.0 | 1306 | 3.0 | | | 0.32 | 2.3 | | 7.6 | 7.7 | 97 | | 0.00 | 6 | | 18.71 | 21.36 | 12.05 |
| 11.0 | 1306 | 4.0 | | | 0.30 | 2.1 | | 7.5 | 7.6 | 97 | | 0.00 | 6 | | 19.34 | 21.29 | 12.55 |
| 11.0 | 1306 | 5.0 | | | 0.28 | 2.0 | | 7.4 | 7.5 | 96 | | 0.00 | 6 | | 19.68 | 21.25 | 12.81 |

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North San Francisco Bay

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 11.0 | 1306 | 6.0 | | | 0.27 | 2.0 | | 7.4 | 7.5 | 95 | | 0.00 | 6 | | 20.99 | 21.20 | 13.82 |
| 11.0 | 1306 | 7.0 | | | 0.28 | 2.1 | | 7.3 | 7.4 | 95 | | 0.00 | 7 | | 22.20 | 21.18 | 14.74 |
| 11.0 | 1306 | 8.0 | | | 0.30 | 2.1 | | 7.2 | 7.3 | 94 | | 0.00 | 6 | | 22.70 | 21.16 | 15.12 |
| 11.0 | 1306 | 9.0 | | | 0.31 | 2.2 | | 7.2 | 7.3 | 95 | | 0.00 | 6 | | 23.54 | 21.13 | 15.76 |
| 11.0 | 1306 | 10.0 | | | 0.32 | 2.3 | | 7.3 | 7.3 | 95 | | 0.00 | 6 | | 23.99 | 21.10 | 16.11 |
| 11.0 | 1306 | 11.0 | | | 0.34 | 2.3 | | 7.3 | 7.3 | 95 | | 0.00 | 6 | | 24.50 | 21.06 | 16.51 |
| 11.0 | 1306 | 12.0 | | | 0.35 | 2.4 | | 7.2 | 7.3 | 95 | | 0.00 | 6 | | 24.69 | 21.04 | 16.65 |
| 11.0 | 1306 | 13.0 | | | 0.35 | 2.4 | | 7.2 | 7.3 | 95 | | 0.00 | 6 | | 24.83 | 21.02 | 16.76 |
| 11.0 | 1306 | 14.0 | | | 0.36 | 2.5 | | 7.2 | 7.3 | 95 | | 0.00 | 6 | | 24.92 | 21.00 | 16.84 |
| 11.0 | 1306 | 15.0 | | | 0.36 | 2.5 | | 7.2 | 7.3 | 95 | | 0.00 | 6 | | 25.18 | 20.97 | 17.05 |
| 11.0 | 1306 | 16.0 | | | 0.35 | 2.4 | | 7.1 | 7.2 | 94 | | 0.00 | 6 | | 25.39 | 20.94 | 17.21 |
| 11.0 | 1306 | 17.0 | | | 0.35 | 2.4 | | 7.1 | 7.2 | 94 | | 0.00 | 6 | | 25.68 | 20.89 | 17.45 |
| 11.0 | 1306 | 18.0 | | | 0.35 | 2.4 | | 7.1 | 7.2 | 94 | | 0.00 | 8 | | 25.78 | 20.88 | 17.52 |
| 12.0 | 1245 | 1.0 | | | 0.53 | 3.4 | | 7.8 | 7.9 | 101 | | 0.00 | 6 | | 19.57 | 21.64 | 12.63 |
| 12.0 | 1245 | 2.0 | | | 0.54 | 3.5 | | 7.7 | 7.8 | 100 | | 0.00 | 6 | | 20.80 | 21.50 | 13.60 |
| 12.0 | 1245 | 3.0 | | | 0.49 | 3.2 | | 7.5 | 7.6 | 98 | | 0.00 | 6 | | 22.02 | 21.34 | 14.56 |
| 12.0 | 1245 | 4.0 | | | 0.45 | 3.0 | | 7.4 | 7.5 | 97 | | 0.00 | 6 | | 23.88 | 21.07 | 16.04 |
| 12.0 | 1245 | 5.0 | | | 0.40 | 2.7 | | 7.3 | 7.4 | 96 | | 0.00 | 6 | | 25.36 | 20.91 | 17.20 |
| 12.0 | 1245 | 6.0 | | | 0.36 | 2.5 | | 7.2 | 7.3 | 95 | | 0.00 | 6 | | 25.88 | 20.85 | 17.60 |
| 12.0 | 1245 | 7.0 | | | 0.33 | 2.3 | | 7.1 | 7.2 | 94 | | 0.00 | 6 | | 26.05 | 20.81 | 17.75 |
| 12.0 | 1245 | 8.0 | | | 0.31 | 2.2 | | 7.1 | 7.2 | 94 | | 0.00 | 6 | | 26.34 | 20.73 | 17.99 |
| 12.0 | 1245 | 9.0 | | | 0.31 | 2.2 | | 7.2 | 7.3 | 95 | | 0.00 | 6 | | 26.49 | 20.70 | 18.10 |
| 13.0 | 1219 | 1.0 | | | 0.78 | 4.8 | | 8.5 | 8.7 | 112 | | 0.00 | 6 | 0.5 | 21.14 | 21.45 | 13.86 |
| 13.0 | 1219 | 2.0 | | 0.88 | 0.78 | 4.8 | 8.6 | 8.3 | 8.5 | 109 | 5.0 | 0.00 | 6 | | 21.63 | 21.28 | 14.28 |
| 13.0 | 1219 | 3.0 | | | 0.68 | 4.2 | | 7.9 | 8.0 | 104 | | 0.00 | 6 | | 24.07 | 21.08 | 16.17 |
| 13.0 | 1219 | 4.0 | | | 0.56 | 3.6 | | 7.6 | 7.7 | 101 | | 0.00 | 6 | | 25.03 | 20.90 | 16.95 |
| 13.0 | 1219 | 5.0 | | | 0.48 | 3.1 | | 7.4 | 7.5 | 98 | | 0.00 | 6 | | 25.93 | 20.74 | 17.67 |
| 13.0 | 1219 | 6.0 | | | 0.43 | 2.9 | | 7.3 | 7.4 | 96 | | 0.00 | 6 | | 26.48 | 20.62 | 18.12 |
| 13.0 | 1219 | 7.0 | | | 0.39 | 2.6 | | 7.2 | 7.2 | 94 | | 0.00 | 6 | | 26.86 | 20.51 | 18.44 |
| 13.0 | 1219 | 8.0 | | | 0.36 | 2.5 | | 7.0 | 7.1 | 92 | | 0.00 | 6 | | 27.01 | 20.48 | 18.56 |
| 13.0 | 1219 | 9.0 | 1.5 | 0.71 | 0.36 | 2.5 | | 7.0 | 7.1 | 93 | | 0.00 | 6 | | 27.33 | 20.41 | 18.82 |
| 14.0 | 1200 | 1.0 | | | 0.74 | 4.6 | | 8.1 | 8.3 | 108 | | 0.00 | 6 | 0.6 | 22.77 | 21.66 | 15.04 |
| 14.0 | 1200 | 2.0 | | | 0.76 | 4.7 | | 8.0 | 8.1 | 106 | | 0.00 | 6 | | 23.65 | 21.31 | 15.80 |
| 14.0 | 1200 | 3.0 | | | 0.77 | 4.7 | | 7.9 | 8.0 | 104 | | 0.00 | 6 | | 25.37 | 20.88 | 17.21 |
| 14.0 | 1200 | 4.0 | | | 0.72 | 4.5 | | 7.6 | 7.7 | 101 | | 0.00 | 6 | | 25.53 | 20.89 | 17.33 |
| 14.0 | 1200 | 5.0 | | | 0.61 | 3.8 | | 7.4 | 7.4 | 97 | | 0.00 | 6 | | 26.68 | 20.65 | 18.27 |
| 14.0 | 1200 | 6.0 | | | 0.51 | 3.3 | | 7.2 | 7.2 | 95 | | 0.00 | 6 | | 27.06 | 20.54 | 18.58 |
| 14.0 | 1200 | 7.0 | | | 0.44 | 2.9 | | 7.0 | 7.1 | 93 | | 0.00 | 6 | | 27.27 | 20.47 | 18.76 |
| 14.0 | 1200 | 8.0 | | | 0.40 | 2.7 | | 6.9 | 7.0 | 91 | | 0.00 | 6 | | 27.39 | 20.42 | 18.86 |
| 14.0 | 1200 | 9.0 | | | 0.38 | 2.6 | | 6.8 | 6.9 | 90 | | 0.00 | 6 | | 27.42 | 20.40 | 18.89 |

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| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|--------------|--------------|--------------|------------|-------------|-------|-------|-------|-------|
| 14.0 | 1200 | 10.0 | | | 0.38 | 2.6 | | 6.8 | 89 | | 0.00 | 6 | | 27.43 | 20.40 | 18.90 |
| 14.0 | 1200 | 11.0 | | | 0.37 | 2.5 | | 6.7 | 89 | | 0.00 | 6 | | 27.45 | 20.39 | 18.92 |
| 14.0 | 1200 | 12.0 | | | 0.36 | 2.5 | | 6.7 | 88 | | 0.00 | 6 | | 27.47 | 20.37 | 18.94 |
| 14.0 | 1200 | 13.0 | | | 0.36 | 2.5 | | 6.7 | 88 | | 0.00 | 6 | | 27.55 | 20.34 | 19.01 |
| 14.0 | 1200 | 14.0 | | | 0.36 | 2.5 | | 6.7 | 89 | | 0.00 | 6 | | 27.63 | 20.31 | 19.08 |
| 15.0 | 1138 | 1.0 | | | 1.19 | 7.1 | | 8.2 | 109 | | 0.00 | 6 | | 24.59 | 21.19 | 16.54 |
| 15.0 | 1138 | 2.0 | 5.1 | 0.80 | 1.18 | 7.0 | 8.8 | 8.3 | 111 | 3.7 | 0.00 | 6 | | 25.22 | 20.93 | 17.08 |
| 15.0 | 1138 | 3.0 | | | 1.15 | 6.8 | | 8.3 | 110 | | 0.00 | 6 | | 25.27 | 20.89 | 17.13 |
| 15.0 | 1138 | 4.0 | | | 1.04 | 6.3 | | 8.1 | 107 | | 0.00 | 6 | | 25.28 | 20.88 | 17.15 |
| 15.0 | 1138 | 5.0 | | | 0.82 | 5.0 | | 7.5 | 100 | | 0.00 | 6 | | 26.25 | 20.59 | 17.96 |
| 15.0 | 1138 | 6.0 | | | 0.60 | 3.8 | | 7.3 | 97 | | 0.00 | 6 | | 27.19 | 20.35 | 18.73 |
| 15.0 | 1138 | 7.0 | | | 0.48 | 3.2 | | 7.1 | 94 | | 0.00 | 6 | | 27.42 | 20.32 | 18.91 |
| 15.0 | 1138 | 8.0 | | | 0.42 | 2.8 | | 6.9 | 92 | | 0.00 | 6 | | 27.68 | 20.27 | 19.12 |
| 15.0 | 1138 | 9.0 | | | 0.40 | 2.7 | | 6.9 | 90 | | 0.00 | 6 | | 27.97 | 20.16 | 19.37 |
| 15.0 | 1138 | 10.0 | | | 0.39 | 2.6 | | 6.8 | 90 | | 0.00 | 6 | | 28.11 | 20.11 | 19.49 |
| 15.0 | 1138 | 11.0 | | | 0.39 | 2.6 | | 6.8 | 89 | | 0.00 | 6 | | 28.17 | 20.09 | 19.54 |
| 15.0 | 1138 | 12.0 | | | 0.39 | 2.6 | | 6.7 | 89 | | 0.00 | 6 | | 28.20 | 20.09 | 19.56 |
| 15.0 | 1138 | 13.0 | | | 0.40 | 2.7 | | 6.7 | 88 | | 0.00 | 6 | | 28.22 | 20.08 | 19.58 |
| 15.0 | 1138 | 14.0 | | | 0.40 | 2.7 | | 6.7 | 88 | | 0.00 | 6 | | 28.25 | 20.08 | 19.60 |
| 15.0 | 1138 | 15.0 | | | 0.41 | 2.8 | | 6.7 | 88 | | 0.00 | 6 | | 28.26 | 20.07 | 19.62 |
| 15.0 | 1138 | 16.0 | | | 0.43 | 2.9 | | 6.7 | 88 | | 0.00 | 6 | | 28.30 | 20.07 | 19.65 |
| 15.0 | 1138 | 17.0 | | | 0.44 | 2.9 | | 6.7 | 88 | | 0.00 | 6 | | 28.37 | 20.06 | 19.70 |
| 15.0 | 1138 | 18.0 | | | 0.43 | 2.9 | | 6.6 | 87 | | 0.00 | 6 | | 28.41 | 20.04 | 19.73 |
| 15.0 | 1138 | 19.0 | | | 0.41 | 2.7 | | 6.5 | 86 | | 0.00 | 6 | | 28.55 | 19.98 | 19.85 |
| 15.0 | 1138 | 20.0 | | | 0.38 | 2.6 | | 6.5 | 85 | | 0.00 | 6 | | 28.74 | 19.90 | 20.02 |
| 15.0 | 1138 | 21.0 | | | 0.36 | 2.5 | | 6.5 | 85 | | 0.00 | 6 | | 28.87 | 19.85 | 20.14 |
| 15.0 | 1138 | 22.0 | 1.6 | 0.65 | 0.36 | 2.5 | | 6.5 | 86 | | 0.00 | 6 | | 28.97 | 19.80 | 20.23 |
| 16.0 | 1107 | 1.0 | | | 0.73 | 4.5 | | 7.6 | 100 | | 0.00 | 6 | 0.7 | 25.55 | 20.87 | 17.35 |
| 16.0 | 1107 | 2.0 | | | 0.72 | 4.5 | | 7.2 | 95 | | 0.00 | 6 | | 27.22 | 20.24 | 18.78 |
| 16.0 | 1107 | 3.0 | | | 0.62 | 3.9 | | 7.1 | 94 | | 0.00 | 6 | | 28.75 | 19.65 | 20.09 |
| 16.0 | 1107 | 4.0 | | | 0.55 | 3.5 | | 7.1 | 93 | | 0.00 | 6 | | 29.62 | 19.45 | 20.81 |
| 16.0 | 1107 | 5.0 | | | 0.51 | 3.3 | | 7.1 | 93 | | 0.00 | 6 | | 29.62 | 19.44 | 20.81 |
| 16.0 | 1107 | 6.0 | | | 0.50 | 3.2 | | 7.0 | 91 | | 0.00 | 6 | | 29.67 | 19.41 | 20.85 |
| 16.0 | 1107 | 7.0 | | | 0.51 | 3.3 | | 6.9 | 90 | | 0.00 | 6 | | 29.74 | 19.38 | 20.91 |
| 16.0 | 1107 | 8.0 | | | 0.51 | 3.3 | | 6.8 | 89 | | 0.00 | 6 | | 29.94 | 19.29 | 21.09 |
| 16.0 | 1107 | 9.0 | | | 0.47 | 3.1 | | 6.7 | 88 | | 0.00 | 6 | | 30.30 | 19.13 | 21.40 |
| 16.0 | 1107 | 10.0 | | | 0.42 | 2.8 | | 6.7 | 87 | | 0.00 | 6 | | 30.51 | 19.02 | 21.59 |
| 16.0 | 1107 | 11.0 | | | 0.38 | 2.6 | | 6.7 | 87 | | 0.00 | 6 | | 30.56 | 19.00 | 21.63 |
| 16.0 | 1107 | 12.0 | | | 0.36 | 2.5 | | 6.6 | 87 | | 0.00 | 6 | | 30.57 | 18.99 | 21.65 |
| 16.0 | 1107 | 13.0 | | | 0.35 | 2.4 | | 6.6 | 86 | | 0.00 | 6 | | 30.60 | 18.97 | 21.67 |
| 16.0 | 1107 | 14.0 | | | 0.35 | 2.4 | | 6.6 | 87 | | 0.00 | 6 | | 30.64 | 18.94 | 21.71 |

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North San Francisco Bay

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------------|-------------|-------|-------|-------|-------|
| 17.0 | 1045 | 1.0 | | | 0.68 | 4.2 | | 7.8 | 7.9 | 103 | | 0.00 | 6 | 0.7 | 29.04 | 19.67 | 20.31 |
| 17.0 | 1045 | 2.0 | | | 0.69 | 4.3 | | 7.8 | 7.9 | 103 | | 0.00 | 6 | | 29.12 | 19.65 | 20.37 |
| 17.0 | 1045 | 3.0 | | | 0.70 | 4.4 | | 7.6 | 7.7 | 100 | | 0.00 | 6 | | 29.31 | 19.60 | 20.53 |
| 17.0 | 1045 | 4.0 | | | 0.70 | 4.3 | | 7.4 | 7.5 | 98 | | 0.00 | 6 | | 29.89 | 19.47 | 21.00 |
| 17.0 | 1045 | 5.0 | | | 0.67 | 4.2 | | 7.3 | 7.4 | 97 | | 0.00 | 6 | | 30.01 | 19.38 | 21.12 |
| 17.0 | 1045 | 6.0 | | | 0.62 | 3.9 | | 7.2 | 7.2 | 94 | | 0.00 | 6 | | 30.11 | 19.31 | 21.21 |
| 17.0 | 1045 | 7.0 | | | 0.53 | 3.4 | | 6.9 | 7.0 | 91 | | 0.00 | 6 | | 30.35 | 19.20 | 21.42 |
| 17.0 | 1045 | 8.0 | | | 0.44 | 2.9 | | 6.9 | 6.9 | 90 | | 0.00 | 6 | | 30.68 | 18.97 | 21.73 |
| 17.0 | 1045 | 9.0 | | | 0.41 | 2.8 | | 6.8 | 6.8 | 88 | | 0.00 | 6 | | 30.86 | 18.84 | 21.90 |
| 17.0 | 1045 | 10.0 | | | 0.40 | 2.7 | | 6.7 | 6.8 | 88 | | 0.00 | 6 | | 31.00 | 18.67 | 22.05 |
| 17.0 | 1045 | 11.0 | | | 0.37 | 2.6 | | 6.7 | 6.7 | 87 | | 0.00 | 6 | | 31.11 | 18.57 | 22.16 |
| 17.0 | 1045 | 12.0 | | | 0.36 | 2.5 | | 6.7 | 6.8 | 87 | | 0.00 | 6 | | 31.29 | 18.42 | 22.33 |
| 17.0 | 1045 | 13.0 | | | 0.35 | 2.4 | | 6.9 | 6.9 | 89 | | 0.00 | 6 | | 31.48 | 18.18 | 22.53 |
| 18.0 | 1024 | 1.0 | | | 0.76 | 4.7 | | 7.5 | 7.6 | 99 | | 0.00 | 6 | 0.7 | 29.79 | 19.52 | 20.92 |
| 18.0 | 1024 | 2.0 | 6.3 | 0.83 | 0.74 | 4.5 | 7.7 | 7.5 | 7.6 | 99 | 2.5 | 0.00 | 6 | | 29.80 | 19.53 | 20.92 |
| 18.0 | 1024 | 3.0 | | | 0.74 | 4.6 | | 7.5 | 7.6 | 100 | | 0.00 | 6 | | 29.79 | 19.52 | 20.92 |
| 18.0 | 1024 | 4.0 | | | 0.77 | 4.7 | | 7.6 | 7.7 | 100 | | 0.00 | 6 | | 29.82 | 19.45 | 20.95 |
| 18.0 | 1024 | 5.0 | | | 0.77 | 4.7 | | 7.5 | 7.6 | 99 | | 0.00 | 6 | | 29.85 | 19.42 | 20.99 |
| 18.0 | 1024 | 6.0 | | | 0.75 | 4.6 | | 7.5 | 7.6 | 98 | | 0.00 | 6 | | 29.89 | 19.38 | 21.03 |
| 18.0 | 1024 | 7.0 | | | 0.75 | 4.6 | | 7.4 | 7.5 | 98 | | 0.00 | 6 | | 29.92 | 19.38 | 21.05 |
| 18.0 | 1024 | 8.0 | | | 0.73 | 4.5 | | 7.4 | 7.5 | 97 | | 0.00 | 6 | | 29.92 | 19.37 | 21.06 |
| 18.0 | 1024 | 9.0 | | | 0.66 | 4.1 | | 7.1 | 7.2 | 93 | | 0.00 | 6 | | 29.96 | 19.34 | 21.09 |
| 18.0 | 1024 | 10.0 | | | 0.54 | 3.5 | | 6.9 | 6.9 | 90 | | 0.00 | 6 | | 30.69 | 18.97 | 21.74 |
| 18.0 | 1024 | 11.0 | | | 0.44 | 2.9 | | 6.9 | 6.9 | 90 | | 0.00 | 6 | | 30.86 | 18.84 | 21.90 |
| 18.0 | 1024 | 12.0 | | | 0.41 | 2.8 | | 6.9 | 6.9 | 90 | | 0.00 | 6 | | 30.93 | 18.76 | 21.97 |
| 18.0 | 1024 | 13.0 | | | 0.41 | 2.8 | | 6.8 | 6.9 | 89 | | 0.00 | 6 | | 30.96 | 18.70 | 22.01 |
| 18.0 | 1024 | 14.0 | | | 0.40 | 2.7 | | 6.9 | 6.9 | 89 | | 0.00 | 6 | | 31.09 | 18.59 | 22.13 |
| 18.0 | 1024 | 15.0 | | | 0.42 | 2.8 | | 6.8 | 6.9 | 89 | | 0.00 | 6 | | 31.13 | 18.55 | 22.18 |
| 18.0 | 1024 | 16.0 | | | 0.46 | 3.0 | | 6.8 | 6.8 | 88 | | 0.00 | 6 | | 31.20 | 18.47 | 22.25 |
| 18.0 | 1024 | 17.0 | | | 0.46 | 3.0 | | 6.8 | 6.8 | 88 | | 0.00 | 6 | | 31.27 | 18.38 | 22.33 |
| 18.0 | 1024 | 18.0 | | | 0.45 | 3.0 | | 6.8 | 6.8 | 88 | | 0.00 | 6 | | 31.40 | 18.24 | 22.46 |
| 18.0 | 1024 | 19.0 | | | 0.43 | 2.9 | | 6.8 | 6.8 | 87 | | 0.00 | 6 | | 31.52 | 18.08 | 22.59 |
| 18.0 | 1024 | 20.0 | | | 0.42 | 2.8 | | 6.7 | 6.8 | 87 | | 0.00 | 6 | | 31.57 | 18.03 | 22.64 |
| 18.0 | 1024 | 21.0 | | | 0.39 | 2.7 | | 6.8 | 6.8 | 87 | | 0.00 | 6 | | 31.69 | 17.89 | 22.77 |
| 18.0 | 1024 | 22.0 | | | 0.40 | 2.7 | | 6.8 | 6.8 | 87 | | 0.00 | 6 | | 31.83 | 17.71 | 22.92 |
| 18.0 | 1024 | 23.0 | | | 0.42 | 2.8 | | 6.8 | 6.9 | 87 | | 0.00 | 6 | | 31.90 | 17.64 | 22.98 |
| 18.0 | 1024 | 24.0 | | | 0.42 | 2.8 | | 6.8 | 6.9 | 88 | | 0.00 | 6 | | 31.91 | 17.63 | 23.00 |
| 18.0 | 1024 | 25.0 | | | 0.43 | 2.9 | | 6.9 | 6.9 | 88 | | 0.00 | 6 | | 31.91 | 17.63 | 23.00 |
| 18.0 | 1024 | 26.0 | | | 0.44 | 2.9 | | 6.9 | 6.9 | 88 | | 0.00 | 6 | | 31.92 | 17.61 | 23.01 |
| 18.0 | 1024 | 27.0 | | | 0.45 | 3.0 | | 6.9 | 7.0 | 89 | | 0.00 | 6 | | 31.93 | 17.58 | 23.03 |
| 18.0 | 1024 | 28.0 | | | 0.45 | 3.0 | | 6.9 | 7.0 | 89 | | 0.00 | 6 | | 31.94 | 17.58 | 23.03 |
| 18.0 | 1024 | 29.0 | | | 0.44 | 2.9 | | 6.9 | 7.0 | 89 | | 0.00 | 6 | | 31.94 | 17.58 | 23.03 |

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 18.0 | 1024 | 30.0 | | | 0.45 | 2.9 | | 6.9 | 7.0 | 89 | | 0.00 | 6 | | 31.94 | 17.57 | 23.04 |
| 18.0 | 1024 | 31.0 | | | 0.47 | 3.1 | | 6.9 | 7.0 | 89 | | 0.00 | 6 | | 31.94 | 17.56 | 23.04 |
| 18.0 | 1024 | 32.0 | | | 0.46 | 3.0 | | 6.9 | 7.0 | 89 | | 0.00 | 6 | | 31.95 | 17.56 | 23.04 |
| 18.0 | 1024 | 33.0 | | | 0.43 | 2.8 | | 7.0 | 7.0 | 89 | | 0.00 | 6 | | 31.95 | 17.55 | 23.05 |
| 18.0 | 1024 | 34.0 | | | 0.42 | 2.8 | | 7.0 | 7.0 | 89 | | 0.00 | 6 | | 31.96 | 17.54 | 23.05 |
| 18.0 | 1024 | 35.0 | | | 0.43 | 2.9 | | 7.0 | 7.0 | 89 | | 0.00 | 6 | | 31.96 | 17.53 | 23.06 |
| 18.0 | 1024 | 36.0 | | | 0.47 | 3.1 | | 7.0 | 7.0 | 90 | | 0.00 | 6 | | 31.96 | 17.53 | 23.06 |
| 18.0 | 1024 | 37.0 | | | 0.48 | 3.1 | | 7.0 | 7.1 | 90 | | 0.00 | 6 | | 31.97 | 17.51 | 23.07 |
| 18.0 | 1024 | 38.0 | | | 0.46 | 3.0 | | 7.0 | 7.1 | 90 | | 0.00 | 6 | | 31.98 | 17.50 | 23.08 |
| 20.0 | 1007 | 1.0 | | | 0.42 | 2.8 | | 6.9 | 7.0 | 92 | | 0.00 | 6 | 0.6 | 30.14 | 19.80 | 21.11 |
| 20.0 | 1007 | 2.0 | | | 0.42 | 2.8 | | 7.0 | 7.0 | 93 | | 0.00 | 6 | | 30.14 | 19.80 | 21.11 |
| 20.0 | 1007 | 3.0 | | | 0.42 | 2.8 | | 7.0 | 7.0 | 93 | | 0.00 | 6 | | 30.15 | 19.80 | 21.11 |
| 20.0 | 1007 | 4.0 | | | 0.43 | 2.8 | | 6.9 | 7.0 | 92 | | 0.00 | 6 | | 30.14 | 19.80 | 21.11 |
| 20.0 | 1007 | 5.0 | | | 0.43 | 2.9 | | 6.9 | 7.0 | 91 | | 0.00 | 6 | | 30.15 | 19.74 | 21.13 |
| 20.0 | 1007 | 6.0 | | | 0.42 | 2.8 | | 6.9 | 6.9 | 91 | | 0.00 | 6 | | 30.16 | 19.67 | 21.16 |
| 20.0 | 1007 | 7.0 | | | 0.40 | 2.7 | | 6.9 | 6.9 | 91 | | 0.00 | 6 | | 30.16 | 19.62 | 21.17 |
| 20.0 | 1007 | 8.0 | | | 0.40 | 2.7 | | 6.9 | 6.9 | 91 | | 0.00 | 6 | | 30.16 | 19.61 | 21.17 |
| 20.0 | 1007 | 9.0 | | | 0.40 | 2.7 | | 6.9 | 6.9 | 90 | | 0.00 | 6 | | 30.16 | 19.60 | 21.18 |
| 20.0 | 1007 | 10.0 | | | 0.40 | 2.7 | | 6.8 | 6.9 | 90 | | 0.00 | 6 | | 30.17 | 19.59 | 21.19 |
| 20.0 | 1007 | 11.0 | | | 0.39 | 2.6 | | 6.7 | 6.7 | 88 | | 0.00 | 6 | | 30.20 | 19.57 | 21.22 |
| 20.0 | 1007 | 12.0 | | | 0.37 | 2.5 | | 6.6 | 6.6 | 86 | | 0.00 | 6 | | 30.48 | 19.28 | 21.50 |
| 20.0 | 1007 | 13.0 | | | 0.35 | 2.4 | | 6.6 | 6.6 | 86 | | 0.00 | 6 | | 30.80 | 18.98 | 21.82 |
| 20.0 | 1007 | 14.0 | | | 0.33 | 2.3 | | 6.6 | 6.7 | 86 | | 0.00 | 6 | | 31.12 | 18.66 | 22.14 |
| 20.0 | 1007 | 15.0 | | | 0.34 | 2.4 | | 6.7 | 6.7 | 87 | | 0.00 | 6 | | 31.16 | 18.62 | 22.18 |
| 20.0 | 1007 | 16.0 | | | 0.35 | 2.4 | | 6.7 | 6.7 | 87 | | 0.00 | 6 | | 31.19 | 18.58 | 22.21 |
| 20.0 | 1007 | 17.0 | | | 0.34 | 2.4 | | 6.7 | 6.8 | 87 | | 0.00 | 6 | | 31.22 | 18.55 | 22.25 |
| 20.0 | 1007 | 18.0 | | | 0.36 | 2.5 | | 6.7 | 6.8 | 87 | | 0.00 | 6 | | 31.24 | 18.52 | 22.27 |
| 20.0 | 1007 | 19.0 | | | 0.37 | 2.6 | | 6.7 | 6.8 | 88 | | 0.00 | 6 | | 31.27 | 18.49 | 22.30 |
| 20.0 | 1007 | 20.0 | | | 0.38 | 2.6 | | 6.8 | 6.8 | 88 | | 0.00 | 6 | | 31.30 | 18.47 | 22.33 |
| 20.0 | 1007 | 21.0 | | | 0.39 | 2.6 | | 6.8 | 6.8 | 88 | | 0.00 | 6 | | 31.29 | 18.47 | 22.32 |
| 20.0 | 1007 | 22.0 | | | 0.39 | 2.6 | | 6.8 | 6.9 | 88 | | 0.00 | 6 | | 31.30 | 18.47 | 22.33 |
| 20.0 | 1007 | 23.0 | | | 0.39 | 2.6 | | 6.8 | 6.9 | 89 | | 0.00 | 6 | | 31.30 | 18.47 | 22.33 |
| 20.0 | 1007 | 24.0 | | | 0.38 | 2.6 | | 6.8 | 6.9 | 88 | | 0.00 | 6 | | 31.30 | 18.46 | 22.33 |
| 20.0 | 1007 | 25.0 | | | 0.37 | 2.5 | | 6.8 | 6.9 | 89 | | 0.00 | 6 | | 31.31 | 18.46 | 22.34 |

Slope Inter. Std. Err.

| | | | | | |
|-------------------------------|----|-------|---------|--------|-------|
| Fluorometer Calibration: | 15 | 0.691 | 5.525 | 0.487 | 1.061 |
| OBS Calibration: | 8 | 0.869 | 481.159 | 5.760 | 2.921 |
| Dissolved Oxygen Calibration: | 8 | 0.810 | 1.065 | -0.389 | 0.183 |

OBS sensor sensitivity was decreased and calibration changed from previous dates.
SeaBird v4.026

97252

September 9, 1997

South San Francisco Bay

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 36.0 | 0622 | 1.0 | | | 1.16 | 7.9 | | 6.9 | 7.0 | 95 | | 0.04 | 30 | | 28.48 | 22.14 | 19.24 |
| 36.0 | 0622 | 2.0 | 7.8 | 0.75 | 1.19 | 8.0 | 6.9 | 7.0 | 7.0 | 96 | 30.3 | 0.04 | 30 | | 28.55 | 22.19 | 19.28 |
| 36.0 | 0622 | 3.0 | | | 1.23 | 8.3 | | 7.0 | 7.1 | 96 | | 0.04 | 31 | | 28.62 | 22.20 | 19.33 |
| 36.0 | 0622 | 4.0 | | | 1.30 | 8.8 | | 7.0 | 7.1 | 96 | | 0.04 | 32 | | 28.66 | 22.19 | 19.36 |
| 36.0 | 0622 | 5.0 | | | 1.33 | 9.0 | | 7.0 | 7.1 | 96 | | 0.04 | 30 | | 28.68 | 22.19 | 19.38 |
| 36.0 | 0622 | 6.0 | | | 1.29 | 8.8 | | 7.0 | 7.0 | 96 | | 0.03 | 27 | | 28.69 | 22.19 | 19.38 |
| 36.0 | 0622 | 7.0 | 9.4 | 0.79 | 1.29 | 8.8 | | 7.0 | 7.0 | 96 | | 0.03 | 24 | | 28.69 | 22.19 | 19.38 |
| 34.0 | 0643 | 1.0 | | | 1.13 | 7.7 | | 7.1 | 7.1 | 97 | | 0.01 | 15 | | 29.68 | 22.06 | 20.16 |
| 34.0 | 0643 | 2.0 | | | 1.08 | 7.3 | | 7.1 | 7.1 | 97 | | 0.01 | 15 | | 29.71 | 22.10 | 20.18 |
| 34.0 | 0643 | 3.0 | | | 1.05 | 7.1 | | 7.1 | 7.1 | 97 | | 0.01 | 15 | | 29.71 | 22.10 | 20.18 |
| 34.0 | 0643 | 4.0 | | | 1.05 | 7.1 | | 7.0 | 7.1 | 97 | | 0.02 | 17 | | 29.72 | 22.11 | 20.18 |
| 34.0 | 0643 | 5.0 | | | 1.04 | 7.0 | | 7.0 | 7.1 | 97 | | 0.02 | 17 | | 29.73 | 22.10 | 20.19 |
| 34.0 | 0643 | 6.0 | | | 1.00 | 6.8 | | 7.0 | 7.1 | 97 | | 0.02 | 18 | | 29.73 | 22.10 | 20.19 |
| 34.0 | 0643 | 7.0 | | | 0.99 | 6.7 | | 7.0 | 7.1 | 96 | | 0.02 | 18 | | 29.73 | 22.10 | 20.19 |
| 34.0 | 0643 | 8.0 | | | 0.99 | 6.7 | | 7.0 | 7.1 | 97 | | 0.02 | 17 | | 29.73 | 22.10 | 20.19 |
| 32.0 | 0708 | 1.0 | | | 0.58 | 3.9 | | 6.9 | 7.0 | 95 | | 0.00 | 8 | 1.2 | 30.26 | 21.90 | 20.65 |
| 32.0 | 0708 | 2.0 | 3.5 | 0.72 | 0.58 | 3.9 | 7.0 | 6.9 | 7.0 | 95 | 8.4 | 0.00 | 8 | | 30.26 | 21.90 | 20.65 |
| 32.0 | 0708 | 3.0 | | | 0.57 | 3.9 | | 6.9 | 7.0 | 95 | | 0.00 | 8 | | 30.26 | 21.90 | 20.65 |
| 32.0 | 0708 | 4.0 | | | 0.56 | 3.8 | | 6.9 | 7.0 | 95 | | 0.00 | 7 | | 30.26 | 21.91 | 20.65 |
| 32.0 | 0708 | 5.0 | | | 0.56 | 3.8 | | 6.9 | 7.0 | 95 | | 0.00 | 8 | | 30.26 | 21.91 | 20.65 |
| 32.0 | 0708 | 6.0 | | | 0.56 | 3.8 | | 6.9 | 7.0 | 96 | | 0.01 | 9 | | 30.27 | 21.91 | 20.65 |
| 32.0 | 0708 | 7.0 | | | 0.56 | 3.7 | | 6.9 | 7.0 | 96 | | 0.00 | 9 | | 30.27 | 21.91 | 20.66 |
| 32.0 | 0708 | 8.0 | | | 0.56 | 3.8 | | 6.9 | 7.0 | 96 | | 0.01 | 10 | | 30.29 | 21.91 | 20.67 |
| 32.0 | 0708 | 9.0 | | | 0.57 | 3.8 | | 7.0 | 7.0 | 96 | | 0.01 | 11 | | 30.30 | 21.90 | 20.68 |
| 32.0 | 0708 | 10.0 | | | 0.59 | 4.0 | | 7.0 | 7.1 | 97 | | 0.01 | 12 | | 30.31 | 21.89 | 20.69 |
| 32.0 | 0708 | 11.0 | | | 0.60 | 4.0 | | 7.0 | 7.1 | 96 | | 0.01 | 13 | | 30.32 | 21.88 | 20.70 |
| 32.0 | 0708 | 12.0 | 3.4 | 0.66 | 0.60 | 4.0 | | 7.0 | 7.1 | 96 | | 0.01 | 15 | | 30.32 | 21.88 | 20.70 |
| 30.0 | 0736 | 1.0 | | | 0.40 | 2.7 | | 6.7 | 6.8 | 93 | | 0.00 | 6 | 1.0 | 30.34 | 21.81 | 20.73 |
| 30.0 | 0736 | 2.0 | 2.3 | 0.72 | 0.40 | 2.7 | 6.9 | 6.7 | 6.9 | 93 | 4.5 | 0.00 | 6 | | 30.34 | 21.82 | 20.74 |
| 30.0 | 0736 | 3.0 | | | 0.39 | 2.6 | | 6.7 | 6.8 | 93 | | 0.00 | 6 | | 30.34 | 21.82 | 20.74 |
| 30.0 | 0736 | 4.0 | | | 0.38 | 2.5 | | 6.7 | 6.9 | 94 | | 0.00 | 6 | | 30.36 | 21.80 | 20.75 |
| 30.0 | 0736 | 5.0 | | | 0.37 | 2.5 | | 6.7 | 6.9 | 94 | | 0.00 | 6 | | 30.37 | 21.78 | 20.76 |
| 30.0 | 0736 | 6.0 | | | 0.38 | 2.5 | | 6.7 | 6.9 | 94 | | 0.00 | 6 | | 30.38 | 21.75 | 20.78 |
| 30.0 | 0736 | 7.0 | | | 0.38 | 2.6 | | 6.7 | 6.9 | 94 | | 0.00 | 6 | | 30.38 | 21.74 | 20.78 |
| 30.0 | 0736 | 8.0 | | | 0.38 | 2.5 | | 6.7 | 6.9 | 94 | | 0.00 | 6 | | 30.38 | 21.73 | 20.78 |
| 30.0 | 0736 | 9.0 | | | 0.38 | 2.5 | | 6.7 | 6.9 | 94 | | 0.00 | 6 | | 30.38 | 21.74 | 20.78 |
| 30.0 | 0736 | 10.0 | | | 0.38 | 2.5 | | 6.7 | 6.9 | 94 | | 0.00 | 6 | | 30.38 | 21.72 | 20.79 |
| 30.0 | 0736 | 11.0 | | | 0.38 | 2.5 | | 6.7 | 6.9 | 94 | | 0.00 | 6 | | 30.38 | 21.71 | 20.79 |
| 30.0 | 0736 | 12.0 | | | 0.38 | 2.6 | | 6.7 | 6.9 | 94 | | 0.00 | 6 | | 30.38 | 21.70 | 20.79 |
| 30.0 | 0736 | 13.0 | 1.8 | 0.67 | 0.38 | 2.6 | | 6.7 | 6.9 | 94 | | 0.00 | 6 | | 30.38 | 21.70 | 20.79 |

South San Francisco Bay September 9, 1997 97252

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | CALC SPM | EXCOF | SALIN | TEMP | SGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|--------------|--------------|--------------|------------|-------------|-------|-------|-------|-------|
| 29.0 | 0759 | 1.0 | | | 0.41 | 2.7 | | 6.8 | 6.9 | 94 | 0.00 | 6 | 1.0 | 30.42 | 21.62 | 20.84 |
| 29.0 | 0759 | 2.0 | | | 0.40 | 2.7 | | 6.8 | 6.9 | 94 | 0.00 | 6 | | 30.42 | 21.62 | 20.84 |
| 29.0 | 0759 | 3.0 | | | 0.39 | 2.6 | | 6.8 | 6.9 | 94 | 0.00 | 6 | | 30.42 | 21.62 | 20.85 |
| 29.0 | 0759 | 4.0 | | | 0.38 | 2.6 | | 6.8 | 6.9 | 94 | 0.00 | 6 | | 30.42 | 21.62 | 20.85 |
| 29.0 | 0759 | 5.0 | | | 0.39 | 2.6 | | 6.8 | 6.9 | 94 | 0.00 | 6 | | 30.42 | 21.62 | 20.85 |
| 29.0 | 0759 | 6.0 | | | 0.39 | 2.6 | | 6.8 | 6.9 | 94 | 0.00 | 6 | | 30.43 | 21.61 | 20.86 |
| 29.0 | 0759 | 7.0 | | | 0.39 | 2.6 | | 6.8 | 6.9 | 94 | 0.00 | 6 | | 30.44 | 21.59 | 20.87 |
| 29.0 | 0759 | 8.0 | | | 0.38 | 2.6 | | 6.8 | 6.9 | 94 | 0.00 | 6 | | 30.44 | 21.59 | 20.87 |
| 29.0 | 0759 | 9.0 | | | 0.38 | 2.6 | | 6.8 | 6.9 | 94 | 0.00 | 6 | | 30.44 | 21.59 | 20.87 |
| 29.0 | 0759 | 10.0 | | | 0.38 | 2.6 | | 6.8 | 6.9 | 94 | 0.00 | 6 | | 30.44 | 21.58 | 20.88 |
| 29.0 | 0759 | 11.0 | | | 0.38 | 2.6 | | 6.8 | 6.9 | 94 | 0.00 | 6 | | 30.44 | 21.58 | 20.88 |
| 29.0 | 0759 | 12.0 | | | 0.39 | 2.6 | | 6.8 | 7.0 | 94 | 0.00 | 6 | | 30.45 | 21.58 | 20.88 |
| 29.0 | 0759 | 13.0 | | | 0.39 | 2.6 | | 6.8 | 6.9 | 94 | 0.00 | 6 | | 30.45 | 21.58 | 20.88 |
| 29.0 | 0759 | 14.0 | | | 0.39 | 2.6 | | 6.8 | 6.9 | 94 | 0.00 | 6 | | 30.45 | 21.58 | 20.88 |
| 29.0 | 0759 | 15.0 | | | 0.39 | 2.6 | | 6.8 | 6.9 | 94 | 0.00 | 6 | | 30.45 | 21.57 | 20.89 |
| 27.0 | 0822 | 1.0 | | | 0.44 | 2.9 | | 6.9 | 7.0 | 95 | 0.00 | 6 | 1.0 | 30.49 | 21.45 | 20.95 |
| 27.0 | 0822 | 2.0 | | | 0.44 | 3.0 | | 7.0 | 7.0 | 95 | 0.00 | 6 | | 30.49 | 21.45 | 20.95 |
| 27.0 | 0822 | 3.0 | 3.3 | 0.72 | 0.43 | 2.9 | 7.1 | 6.9 | 7.0 | 95 | 0.00 | 6 | | 30.49 | 21.45 | 20.95 |
| 27.0 | 0822 | 4.0 | | | 0.43 | 2.9 | | 7.0 | 7.0 | 95 | 0.00 | 6 | | 30.49 | 21.45 | 20.95 |
| 27.0 | 0822 | 5.0 | | | 0.43 | 2.9 | | 6.9 | 7.0 | 95 | 0.00 | 6 | | 30.49 | 21.45 | 20.95 |
| 27.0 | 0822 | 6.0 | | | 0.43 | 2.9 | | 6.9 | 7.0 | 95 | 0.00 | 7 | | 30.49 | 21.45 | 20.95 |
| 27.0 | 0822 | 7.0 | | | 0.45 | 3.0 | | 6.9 | 7.0 | 95 | 0.00 | 6 | | 30.50 | 21.44 | 20.95 |
| 27.0 | 0822 | 8.0 | | | 0.45 | 3.0 | | 7.0 | 7.0 | 96 | 0.00 | 6 | | 30.50 | 21.43 | 20.96 |
| 27.0 | 0822 | 9.0 | | | 0.46 | 3.1 | | 7.0 | 7.1 | 96 | 0.00 | 6 | | 30.51 | 21.41 | 20.98 |
| 27.0 | 0822 | 10.0 | | | 0.47 | 3.2 | | 7.0 | 7.1 | 96 | 0.00 | 6 | | 30.52 | 21.40 | 20.98 |
| 27.0 | 0822 | 11.0 | | | 0.48 | 3.2 | | 7.0 | 7.1 | 96 | 0.00 | 6 | | 30.52 | 21.39 | 20.98 |
| 27.0 | 0822 | 12.0 | | | 0.49 | 3.3 | | 7.0 | 7.1 | 96 | 0.00 | 6 | | 30.52 | 21.39 | 20.98 |
| 27.0 | 0822 | 13.0 | 3.2 | 0.71 | 0.49 | 3.3 | | 7.0 | 7.1 | 96 | 0.00 | 7 | | 30.52 | 21.39 | 20.99 |
| 25.0 | 0853 | 1.0 | | | 0.43 | 2.9 | | 7.6 | 7.4 | 101 | 0.00 | 6 | 0.8 | 30.56 | 21.71 | 20.92 |
| 25.0 | 0853 | 2.0 | | | 0.44 | 3.0 | | 7.6 | 7.4 | 101 | 0.00 | 6 | | 30.56 | 21.71 | 20.93 |
| 25.0 | 0853 | 3.0 | | | 0.45 | 3.0 | | 7.6 | 7.4 | 101 | 0.00 | 6 | | 30.56 | 21.70 | 20.93 |
| 25.0 | 0853 | 4.0 | | | 0.43 | 2.9 | | 7.6 | 7.4 | 101 | 0.00 | 6 | | 30.56 | 21.70 | 20.93 |
| 25.0 | 0853 | 5.0 | | | 0.42 | 2.8 | | 7.6 | 7.4 | 101 | 0.00 | 6 | | 30.56 | 21.70 | 20.93 |
| 25.0 | 0853 | 6.0 | | | 0.44 | 3.0 | | 7.6 | 7.4 | 101 | 0.00 | 6 | | 30.56 | 21.70 | 20.93 |
| 25.0 | 0853 | 7.0 | | | 0.43 | 2.9 | | 7.6 | 7.4 | 101 | 0.00 | 6 | | 30.56 | 21.70 | 20.93 |
| 25.0 | 0853 | 8.0 | | | 0.41 | 2.8 | | 7.5 | 7.4 | 101 | 0.00 | 6 | | 30.56 | 21.70 | 20.93 |
| 25.0 | 0853 | 9.0 | | | 0.42 | 2.8 | | 7.5 | 7.4 | 101 | 0.00 | 6 | | 30.56 | 21.70 | 20.93 |
| 24.0 | 0908 | 1.0 | | | 0.32 | 2.1 | | 6.7 | 6.9 | 94 | 0.00 | 6 | 0.8 | 30.54 | 21.90 | 20.86 |
| 24.0 | 0908 | 2.0 | 3.0 | 0.77 | 0.32 | 2.1 | 6.8 | 6.7 | 6.9 | 94 | 0.00 | 6 | | 30.54 | 21.90 | 20.86 |
| 24.0 | 0908 | 3.0 | | | 0.31 | 2.1 | | 6.7 | 6.9 | 94 | 0.00 | 6 | | 30.54 | 21.90 | 20.86 |

South San Francisco Bay

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 0908 | 0908 | 4.0 | | | 0.29 | 1.9 | | 6.7 | 6.9 | 94 | | 0.00 | 6 | | 30.54 | 21.89 | 20.86 |
| 0908 | 0908 | 5.0 | | | 0.29 | 2.0 | | 6.7 | 6.8 | 94 | | 0.00 | 6 | | 30.54 | 21.88 | 20.87 |
| 0908 | 0908 | 6.0 | | | 0.30 | 2.0 | | 6.7 | 6.8 | 93 | | 0.00 | 6 | | 30.54 | 21.88 | 20.87 |
| 0908 | 0908 | 7.0 | | | 0.31 | 2.1 | | 6.6 | 6.8 | 93 | | 0.00 | 6 | | 30.54 | 21.88 | 20.87 |
| 0908 | 0908 | 8.0 | | | 0.33 | 2.2 | | 6.6 | 6.8 | 93 | | 0.00 | 6 | | 30.54 | 21.88 | 20.87 |
| 0908 | 0908 | 9.0 | | | 0.34 | 2.3 | | 6.6 | 6.8 | 93 | | 0.00 | 6 | | 30.54 | 21.88 | 20.87 |
| 0908 | 0908 | 10.0 | 3.1 | 0.76 | 0.34 | 2.3 | | 6.6 | 6.8 | 93 | | 0.00 | 6 | | 30.54 | 21.88 | 20.87 |
| 0935 | 0935 | 1.0 | | | 0.53 | 3.6 | | 7.2 | 7.2 | 94 | | 0.00 | 6 | 0.7 | 30.08 | 19.85 | 21.05 |
| 0935 | 0935 | 2.0 | | | 0.53 | 3.6 | | 7.1 | 7.1 | 94 | | 0.00 | 6 | | 30.09 | 19.85 | 21.06 |
| 0935 | 0935 | 3.0 | | | 0.52 | 3.5 | | 7.1 | 7.1 | 93 | | 0.00 | 6 | | 30.12 | 19.85 | 21.08 |
| 0935 | 0935 | 4.0 | | | 0.47 | 3.2 | | 7.0 | 7.0 | 92 | | 0.00 | 6 | | 30.16 | 19.88 | 21.11 |
| 0935 | 0935 | 5.0 | | | 0.42 | 2.8 | | 6.9 | 7.0 | 92 | | 0.00 | 6 | | 30.19 | 19.89 | 21.13 |
| 0935 | 0935 | 6.0 | | | 0.39 | 2.6 | | 6.8 | 7.0 | 92 | | 0.00 | 6 | | 30.19 | 19.90 | 21.13 |
| 0935 | 0935 | 7.0 | | | 0.37 | 2.5 | | 6.8 | 6.9 | 91 | | 0.00 | 6 | | 30.21 | 19.92 | 21.13 |
| 0935 | 0935 | 8.0 | | | 0.37 | 2.5 | | 6.7 | 6.9 | 91 | | 0.00 | 6 | | 30.22 | 19.92 | 21.14 |
| 0935 | 0935 | 9.0 | | | 0.36 | 2.4 | | 6.7 | 6.9 | 91 | | 0.00 | 6 | | 30.22 | 19.90 | 21.15 |
| 0935 | 0935 | 10.0 | | | 0.36 | 2.4 | | 6.7 | 6.9 | 90 | | 0.00 | 6 | | 30.24 | 19.90 | 21.16 |
| 0935 | 0935 | 11.0 | | | 0.36 | 2.4 | | 6.7 | 6.9 | 90 | | 0.00 | 6 | | 30.24 | 19.90 | 21.16 |
| 0935 | 0935 | 12.0 | | | 0.35 | 2.4 | | 6.7 | 6.9 | 90 | | 0.00 | 6 | | 30.26 | 19.90 | 21.17 |
| 0935 | 0935 | 13.0 | | | 0.35 | 2.3 | | 6.7 | 6.8 | 90 | | 0.00 | 6 | | 30.26 | 19.90 | 21.18 |
| 0935 | 0935 | 14.0 | | | 0.35 | 2.3 | | 6.7 | 6.9 | 90 | | 0.00 | 6 | | 30.25 | 19.90 | 21.17 |
| 0935 | 0935 | 15.0 | | | 0.35 | 2.3 | | 6.7 | 6.8 | 90 | | 0.00 | 6 | | 30.25 | 19.90 | 21.17 |
| 0935 | 0935 | 16.0 | | | 0.36 | 2.4 | | 6.7 | 6.8 | 90 | | 0.00 | 6 | | 30.27 | 19.91 | 21.18 |
| 0935 | 0935 | 17.0 | | | 0.37 | 2.5 | | 6.7 | 6.8 | 90 | | 0.00 | 6 | | 30.27 | 19.91 | 21.19 |
| 0935 | 0935 | 18.0 | | | 0.37 | 2.5 | | 6.7 | 6.8 | 90 | | 0.00 | 6 | | 30.27 | 19.91 | 21.19 |
| 0935 | 0935 | 19.0 | | | 0.36 | 2.4 | | 6.7 | 6.8 | 90 | | 0.00 | 6 | | 30.27 | 19.91 | 21.19 |
| 0950 | 0950 | 1.0 | | | 0.49 | 3.3 | | 6.8 | 6.9 | 92 | | 0.00 | 6 | 0.7 | 30.32 | 20.62 | 21.04 |
| 0950 | 0950 | 2.0 | 3.2 | 0.81 | 0.49 | 3.3 | 6.9 | 6.9 | 7.0 | 93 | 6.0 | 0.00 | 6 | | 30.32 | 20.62 | 21.04 |
| 0950 | 0950 | 3.0 | | | 0.49 | 3.3 | | 6.8 | 6.9 | 93 | | 0.00 | 6 | | 30.32 | 20.64 | 21.03 |
| 0950 | 0950 | 4.0 | | | 0.49 | 3.3 | | 6.8 | 6.9 | 92 | | 0.00 | 6 | | 30.32 | 20.60 | 21.04 |
| 0950 | 0950 | 5.0 | | | 0.49 | 3.3 | | 6.7 | 6.9 | 92 | | 0.00 | 6 | | 30.31 | 20.57 | 21.04 |
| 0950 | 0950 | 6.0 | | | 0.47 | 3.2 | | 6.6 | 6.8 | 90 | | 0.00 | 6 | | 30.31 | 20.56 | 21.05 |
| 0950 | 0950 | 7.0 | | | 0.43 | 2.9 | | 6.6 | 6.8 | 90 | | 0.00 | 6 | | 30.31 | 20.27 | 21.12 |
| 0950 | 0950 | 8.0 | | | 0.38 | 2.5 | | 6.5 | 6.7 | 89 | | 0.00 | 6 | | 30.31 | 20.18 | 21.14 |
| 0950 | 0950 | 9.0 | | | 0.36 | 2.4 | | 6.5 | 6.7 | 89 | | 0.00 | 6 | | 30.34 | 20.04 | 21.20 |
| 0950 | 0950 | 10.0 | | | 0.36 | 2.4 | | 6.5 | 6.8 | 89 | | 0.00 | 6 | | 30.38 | 19.94 | 21.26 |
| 0950 | 0950 | 11.0 | | | 0.35 | 2.3 | | 6.5 | 6.8 | 89 | | 0.00 | 6 | | 30.40 | 19.89 | 21.28 |
| 0950 | 0950 | 12.0 | | | 0.35 | 2.3 | | 6.5 | 6.8 | 89 | | 0.00 | 6 | | 30.42 | 19.86 | 21.31 |
| 0950 | 0950 | 13.0 | | | 0.34 | 2.3 | | 6.5 | 6.8 | 89 | | 0.00 | 6 | | 30.46 | 19.77 | 21.36 |
| 0950 | 0950 | 14.0 | | | 0.34 | 2.3 | | 6.5 | 6.7 | 89 | | 0.00 | 6 | | 30.47 | 19.75 | 21.38 |
| 0950 | 0950 | 15.0 | | | 0.34 | 2.3 | | 6.5 | 6.7 | 89 | | 0.00 | 6 | | 30.51 | 19.69 | 21.42 |

| South San Francisco Bay | | | | | | | | | | September 9, 1997 | | | | 97252 | | |
|-----------------------------------------------------------------------------------|------|-------|----------------|-----------------|-------|---------------|---------------|--------------|--------------|-------------------|--------|-------------|-----------|-------|-------|-------|
| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
| 21.0 | 0950 | 16.0 | | | 0.34 | 2.3 | | 6.5 | 6.7 | 88 | 0.00 | 6 | | 30.55 | 19.61 | 21.47 |
| 21.0 | 0950 | 17.0 | 2.3 | 0.64 | 0.34 | 2.3 | | 6.6 | 6.8 | 89 | 0.00 | 6 | | 30.58 | 19.54 | 21.51 |
| | | | | | | | | | | | | | | | | |
| | | | | | | | n | r^2 | Slope | | Inter. | | Std. Err. | | | |
| Fluorometer Calibration: | | | | | | | 12 | 0.941 | 6.809 | | -0.035 | | 0.580 | | | |
| OBS Calibration: | | | | | | | 6 | 0.983 | 651.352 | | 5.532 | | 1.473 | | | |
| Dissolved Oxygen Calibration: | | | | | | | 6 | 0.506 | 0.649 | | 2.515 | | 0.086 | | | |
| OBS sensor sensitivity was decreased and calibration changed from previous dates. | | | | | | | | | | | | | | | | |
| SeaBird v4.026 | | | | | | | | | | | | | | | | |

97280

October 7, 1997

North San Francisco Bay

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|-------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------------|-------------|-------|-------|-------|------|
| 657.0 | 1745 | 1.0 | | | 0.25 | 2.0 | | 8.2 | 8.6 | 93 | | 0.02 | 17 | 1.5 | 0.08 | 19.13 | 0.00 |
| 657.0 | 1745 | 2.0 | 2.1 | 0.80 | 0.25 | 2.0 | 8.5 | 8.2 | 8.6 | 93 | | 0.02 | 16 | | 0.08 | 19.13 | 0.00 |
| 657.0 | 1745 | 3.0 | | | 0.25 | 2.0 | | 8.2 | 8.6 | 93 | | 0.02 | 16 | | 0.08 | 19.13 | 0.00 |
| 657.0 | 1745 | 4.0 | | | 0.24 | 2.0 | | 8.2 | 8.6 | 93 | | 0.01 | 15 | | 0.08 | 19.14 | 0.00 |
| 657.0 | 1745 | 5.0 | | | 0.25 | 2.0 | | 8.2 | 8.6 | 93 | | 0.02 | 16 | | 0.08 | 19.13 | 0.00 |
| 657.0 | 1745 | 6.0 | | | 0.25 | 2.0 | | 8.2 | 8.6 | 93 | | 0.01 | 15 | | 0.08 | 19.14 | 0.00 |
| 657.0 | 1745 | 7.0 | | | 0.25 | 2.0 | | 8.2 | 8.6 | 93 | | 0.02 | 16 | | 0.08 | 19.14 | 0.00 |
| 657.0 | 1745 | 8.0 | | | 0.25 | 2.0 | | 8.2 | 8.6 | 93 | | 0.02 | 17 | | 0.08 | 19.14 | 0.00 |
| 657.0 | 1745 | 9.0 | 1.9 | 0.72 | 0.25 | 2.0 | | 8.2 | 8.6 | 93 | | 0.02 | 17 | | 0.08 | 19.14 | 0.00 |
| 649.0 | 1656 | 1.0 | | | 0.32 | 2.3 | | 8.5 | 8.8 | 98 | | 0.02 | 18 | 1.7 | 2.34 | 19.60 | 0.07 |
| 649.0 | 1656 | 2.0 | 2.7 | 0.69 | 0.33 | 2.3 | 8.7 | 8.5 | 8.8 | 98 | 18.3 | 0.02 | 18 | | 2.28 | 19.61 | 0.03 |
| 649.0 | 1656 | 3.0 | | | 0.32 | 2.3 | | 8.4 | 8.8 | 97 | | 0.02 | 19 | | 2.31 | 19.60 | 0.05 |
| 649.0 | 1656 | 4.0 | | | 0.30 | 2.2 | | 8.4 | 8.7 | 97 | | 0.02 | 18 | | 2.37 | 19.59 | 0.10 |
| 649.0 | 1656 | 5.0 | | | 0.29 | 2.2 | | 8.4 | 8.7 | 97 | | 0.02 | 18 | | 2.51 | 19.53 | 0.22 |
| 649.0 | 1656 | 6.0 | | | 0.29 | 2.2 | | 8.4 | 8.7 | 97 | | 0.02 | 17 | | 2.56 | 19.51 | 0.26 |
| 649.0 | 1656 | 7.0 | | | 0.29 | 2.2 | | 8.4 | 8.7 | 97 | | 0.01 | 15 | | 2.56 | 19.50 | 0.26 |
| 649.0 | 1656 | 8.0 | | | 0.29 | 2.2 | | 8.4 | 8.7 | 97 | | 0.02 | 16 | | 2.56 | 19.50 | 0.26 |
| 649.0 | 1656 | 9.0 | | | 0.30 | 2.2 | | 8.4 | 8.7 | 97 | | 0.01 | 15 | | 2.56 | 19.49 | 0.26 |
| 649.0 | 1656 | 10.0 | | | 0.30 | 2.2 | | 8.4 | 8.7 | 97 | | 0.01 | 15 | | 2.56 | 19.49 | 0.26 |
| 649.0 | 1656 | 11.0 | 2.4 | 0.79 | 0.30 | 2.2 | | 8.4 | 8.7 | 97 | | 0.01 | 15 | | 2.57 | 19.49 | 0.27 |
| 2.0 | 1634 | 1.0 | | | 0.44 | 2.8 | | 8.5 | 8.8 | 99 | | 0.00 | 9 | 1.2 | 3.88 | 19.76 | 1.21 |
| 2.0 | 1634 | 2.0 | | | 0.43 | 2.7 | | 8.5 | 8.8 | 99 | | 0.00 | 9 | | 3.90 | 19.76 | 1.23 |
| 2.0 | 1634 | 3.0 | | | 0.41 | 2.6 | | 8.4 | 8.8 | 98 | | 0.00 | 9 | | 3.97 | 19.74 | 1.28 |
| 2.0 | 1634 | 4.0 | | | 0.38 | 2.5 | | 8.4 | 8.7 | 98 | | 0.00 | 9 | | 4.19 | 19.72 | 1.45 |
| 2.0 | 1634 | 5.0 | | | 0.35 | 2.4 | | 8.4 | 8.7 | 98 | | 0.00 | 8 | | 4.37 | 19.72 | 1.59 |
| 2.0 | 1634 | 6.0 | | | 0.34 | 2.4 | | 8.4 | 8.7 | 98 | | 0.00 | 9 | | 4.49 | 19.72 | 1.68 |
| 2.0 | 1634 | 7.0 | | | 0.33 | 2.3 | | 8.3 | 8.7 | 98 | | 0.00 | 10 | | 4.74 | 19.70 | 1.87 |
| 2.0 | 1634 | 8.0 | | | 0.32 | 2.3 | | 8.3 | 8.7 | 98 | | 0.03 | 22 | | 4.99 | 19.68 | 2.07 |
| 2.0 | 1634 | 9.0 | | | 0.33 | 2.3 | | 8.3 | 8.6 | 98 | | 0.03 | 25 | | 5.05 | 19.68 | 2.12 |
| 2.0 | 1634 | 10.0 | | | 0.35 | 2.4 | | 8.3 | 8.6 | 97 | | 0.05 | 37 | | 5.09 | 19.68 | 2.14 |
| 2.0 | 1634 | 11.0 | | | 0.35 | 2.4 | | 8.3 | 8.6 | 98 | | 0.05 | 38 | | 5.09 | 19.68 | 2.14 |
| 3.0 | 1621 | 1.0 | | | 0.52 | 3.1 | | 8.6 | 8.9 | 101 | | 0.00 | 8 | 1.3 | 4.43 | 19.93 | 1.59 |
| 3.0 | 1621 | 2.0 | 4.2 | 0.86 | 0.52 | 3.0 | 8.9 | 8.6 | 8.9 | 100 | 7.2 | 0.00 | 7 | | 4.45 | 19.93 | 1.60 |
| 3.0 | 1621 | 3.0 | | | 0.45 | 2.8 | | 8.5 | 8.8 | 99 | | 0.00 | 7 | | 4.78 | 19.85 | 1.87 |
| 3.0 | 1621 | 4.0 | | | 0.37 | 2.5 | | 8.3 | 8.7 | 98 | | 0.00 | 8 | | 5.22 | 19.75 | 2.23 |
| 3.0 | 1621 | 5.0 | | | 0.33 | 2.3 | | 8.3 | 8.7 | 98 | | 0.00 | 7 | | 5.82 | 19.63 | 2.71 |
| 3.0 | 1621 | 6.0 | | | 0.30 | 2.2 | | 8.2 | 8.6 | 98 | | 0.00 | 8 | | 6.08 | 19.63 | 2.91 |
| 3.0 | 1621 | 7.0 | | | 0.29 | 2.2 | | 8.2 | 8.6 | 98 | | 0.00 | 10 | | 6.43 | 19.60 | 3.17 |
| 3.0 | 1621 | 8.0 | | | 0.30 | 2.2 | | 8.2 | 8.6 | 98 | | 0.02 | 17 | | 6.45 | 19.60 | 3.19 |
| 3.0 | 1621 | 9.0 | | | 0.31 | 2.3 | | 8.2 | 8.6 | 98 | | 0.03 | 23 | | 6.45 | 19.60 | 3.19 |

North San Francisco Bay

October 7, 1997

97280

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|-----|------|-------|----------------|-----------------|-------|---------------|---------------|--------------|--------------|--------------|------|-------------|-------|-------|-------|------|
| 3.0 | 1621 | 10.0 | | | 0.33 | 2.3 | | 8.2 | 8.6 | 97 | 0.04 | 29 | | 6.46 | 19.60 | 3.20 |
| 3.0 | 1621 | 11.0 | 2.4 | 0.58 | 0.33 | 2.3 | | 8.2 | 8.6 | 98 | 0.04 | 32 | | 6.46 | 19.60 | 3.20 |
| 4.0 | 1559 | 1.0 | | | 0.47 | 2.9 | | 8.4 | 8.8 | 100 | 0.00 | 8 | 1.1 | 5.99 | 19.78 | 2.81 |
| 4.0 | 1559 | 2.0 | | | 0.45 | 2.8 | | 8.4 | 8.7 | 99 | 0.01 | 10 | | 6.32 | 19.69 | 3.07 |
| 4.0 | 1559 | 3.0 | | | 0.41 | 2.6 | | 8.3 | 8.7 | 99 | 0.00 | 10 | | 6.40 | 19.66 | 3.14 |
| 4.0 | 1559 | 4.0 | | | 0.37 | 2.5 | | 8.2 | 8.6 | 98 | 0.00 | 10 | | 6.53 | 19.63 | 3.25 |
| 4.0 | 1559 | 5.0 | | | 0.33 | 2.3 | | 8.2 | 8.5 | 97 | 0.00 | 10 | | 6.86 | 19.58 | 3.51 |
| 4.0 | 1559 | 6.0 | | | 0.28 | 2.2 | | 8.1 | 8.5 | 97 | 0.01 | 11 | | 8.12 | 19.54 | 4.47 |
| 4.0 | 1559 | 7.0 | | | 0.26 | 2.1 | | 8.0 | 8.4 | 97 | 0.02 | 18 | | 8.69 | 19.54 | 4.90 |
| 4.0 | 1559 | 8.0 | | | 0.25 | 2.0 | | 8.0 | 8.4 | 97 | 0.04 | 28 | | 8.93 | 19.54 | 5.08 |
| 4.0 | 1559 | 9.0 | | | 0.25 | 2.0 | | 8.0 | 8.4 | 97 | 0.04 | 29 | | 8.95 | 19.55 | 5.10 |
| 4.0 | 1559 | 10.0 | | | 0.26 | 2.1 | | 8.0 | 8.4 | 97 | 0.04 | 29 | | 8.94 | 19.54 | 5.09 |
| 4.0 | 1559 | 11.0 | | | 0.26 | 2.1 | | 8.0 | 8.4 | 97 | 0.04 | 29 | | 8.96 | 19.55 | 5.10 |
| 4.0 | 1559 | 12.0 | | | 0.26 | 2.1 | | 8.0 | 8.4 | 97 | 0.04 | 29 | | 8.97 | 19.55 | 5.11 |
| 4.0 | 1559 | 13.0 | | | 0.27 | 2.1 | | 7.9 | 8.4 | 96 | 0.05 | 36 | | 9.02 | 19.55 | 5.15 |
| 4.0 | 1559 | 14.0 | | | 0.27 | 2.1 | | 7.9 | 8.4 | 97 | 0.06 | 41 | | 9.04 | 19.55 | 5.17 |
| 5.0 | 1535 | 1.0 | | | 0.40 | 2.6 | | 8.5 | 8.8 | 101 | 0.00 | 8 | 1.3 | 7.14 | 19.84 | 3.66 |
| 5.0 | 1535 | 2.0 | | | 0.39 | 2.6 | | 8.3 | 8.7 | 100 | 0.00 | 9 | | 7.17 | 19.83 | 3.69 |
| 5.0 | 1535 | 3.0 | | | 0.33 | 2.3 | | 8.2 | 8.6 | 98 | 0.01 | 10 | | 7.96 | 19.58 | 4.34 |
| 5.0 | 1535 | 4.0 | | | 0.29 | 2.2 | | 8.1 | 8.5 | 98 | 0.01 | 11 | | 8.38 | 19.47 | 4.68 |
| 5.0 | 1535 | 5.0 | | | 0.25 | 2.1 | | 8.1 | 8.5 | 98 | 0.01 | 11 | | 9.19 | 19.48 | 5.30 |
| 5.0 | 1535 | 6.0 | | | 0.23 | 2.0 | | 8.1 | 8.5 | 98 | 0.01 | 11 | | 9.90 | 19.52 | 5.82 |
| 5.0 | 1535 | 7.0 | | | 0.22 | 1.9 | | 8.0 | 8.4 | 98 | 0.01 | 13 | | 10.61 | 19.52 | 6.36 |
| 5.0 | 1535 | 8.0 | | | 0.22 | 1.9 | | 8.0 | 8.4 | 98 | 0.01 | 15 | | 10.79 | 19.52 | 6.50 |
| 5.0 | 1535 | 9.0 | | | 0.21 | 1.9 | | 7.9 | 8.4 | 98 | 0.02 | 17 | | 10.84 | 19.52 | 6.54 |
| 5.0 | 1535 | 10.0 | | | 0.21 | 1.9 | | 7.9 | 8.4 | 97 | 0.02 | 18 | | 10.88 | 19.52 | 6.57 |
| 5.0 | 1535 | 11.0 | | | 0.23 | 1.9 | | 7.9 | 8.4 | 97 | 0.02 | 18 | | 10.90 | 19.52 | 6.58 |
| 5.0 | 1535 | 12.0 | | | 0.23 | 2.0 | | 7.9 | 8.4 | 98 | 0.03 | 22 | | 10.89 | 19.52 | 6.57 |
| 6.0 | 1518 | 1.0 | | | 0.34 | 2.4 | | 8.2 | 8.6 | 100 | 0.00 | 9 | 1.2 | 9.89 | 19.68 | 5.78 |
| 6.0 | 1518 | 2.0 | 2.7 | 0.80 | 0.32 | 2.3 | 8.7 | 8.2 | 8.5 | 99 | 0.00 | 9 | | 10.38 | 19.52 | 6.18 |
| 6.0 | 1518 | 3.0 | | | 0.27 | 2.1 | | 8.1 | 8.5 | 99 | 0.00 | 10 | | 10.99 | 19.40 | 6.68 |
| 6.0 | 1518 | 4.0 | | | 0.24 | 2.0 | | 8.0 | 8.4 | 98 | 0.01 | 10 | | 11.66 | 19.45 | 7.17 |
| 6.0 | 1518 | 5.0 | | | 0.22 | 1.9 | | 7.9 | 8.4 | 98 | 0.01 | 10 | | 12.09 | 19.43 | 7.50 |
| 6.0 | 1518 | 6.0 | | | 0.21 | 1.9 | | 7.9 | 8.3 | 98 | 0.01 | 11 | | 12.49 | 19.41 | 7.81 |
| 6.0 | 1518 | 7.0 | | | 0.20 | 1.8 | | 7.8 | 8.3 | 98 | 0.01 | 14 | | 12.69 | 19.42 | 7.96 |
| 6.0 | 1518 | 8.0 | | | 0.20 | 1.8 | | 7.8 | 8.3 | 97 | 0.02 | 18 | | 13.00 | 19.42 | 8.19 |
| 6.0 | 1518 | 9.0 | | | 0.20 | 1.8 | | 7.8 | 8.3 | 97 | 0.03 | 22 | | 13.50 | 19.43 | 8.57 |
| 6.0 | 1518 | 10.0 | | | 0.20 | 1.8 | | 7.7 | 8.2 | 97 | 0.03 | 26 | | 14.64 | 19.49 | 9.42 |
| 6.0 | 1518 | 11.0 | | | 0.21 | 1.9 | | 7.6 | 8.1 | 97 | 0.05 | 32 | | 14.76 | 19.50 | 9.51 |
| 6.0 | 1518 | 12.0 | 1.7 | 0.57 | 0.21 | 1.9 | | 7.7 | 8.2 | 97 | 0.05 | 36 | | 14.76 | 19.50 | 9.51 |

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| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | EXCOF | SALIN | TEMP | SIGT |
|-----|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------------|-------|-------|-------|-------|
| 7.0 | 1448 | 1.0 | | | 0.37 | 2.5 | | 8.1 | 8.5 | 101 | | 0.01 | 1.3 | 13.56 | 19.50 | 8.60 |
| 7.0 | 1448 | 2.0 | | | 0.36 | 2.4 | | 8.0 | 8.4 | 100 | | 0.01 | | 13.79 | 19.38 | 8.80 |
| 7.0 | 1448 | 3.0 | | | 0.28 | 2.2 | | 7.9 | 8.3 | 99 | | 0.01 | | 14.66 | 19.27 | 9.49 |
| 7.0 | 1448 | 4.0 | | | 0.22 | 1.9 | | 7.7 | 8.2 | 98 | | 0.01 | | 15.39 | 19.37 | 10.02 |
| 7.0 | 1448 | 5.0 | | | 0.20 | 1.8 | | 7.7 | 8.2 | 98 | | 0.01 | | 15.68 | 19.40 | 10.22 |
| 7.0 | 1448 | 6.0 | | | 0.18 | 1.8 | | 7.6 | 8.1 | 98 | | 0.01 | | 15.86 | 19.42 | 10.36 |
| 7.0 | 1448 | 7.0 | | | 0.18 | 1.8 | | 7.6 | 8.1 | 97 | | 0.01 | | 15.99 | 19.44 | 10.46 |
| 7.0 | 1448 | 8.0 | | | 0.18 | 1.8 | | 7.6 | 8.1 | 97 | | 0.01 | | 16.05 | 19.44 | 10.49 |
| 7.0 | 1448 | 9.0 | | | 0.18 | 1.8 | | 7.6 | 8.1 | 97 | | 0.01 | | 16.09 | 19.46 | 10.53 |
| 7.0 | 1448 | 10.0 | | | 0.18 | 1.8 | | 7.6 | 8.1 | 97 | | 0.01 | | 16.24 | 19.47 | 10.63 |
| 7.0 | 1448 | 11.0 | | | 0.18 | 1.8 | | 7.5 | 8.0 | 97 | | 0.01 | | 16.76 | 19.50 | 11.03 |
| 7.0 | 1448 | 12.0 | | | 0.18 | 1.8 | | 7.5 | 8.0 | 97 | | 0.02 | | 16.96 | 19.50 | 11.17 |
| 7.0 | 1448 | 13.0 | | | 0.19 | 1.8 | | 7.4 | 8.0 | 96 | | 0.02 | | 17.03 | 19.51 | 11.23 |
| 7.0 | 1448 | 14.0 | | | 0.18 | 1.8 | | 7.4 | 8.0 | 96 | | 0.02 | | 17.07 | 19.51 | 11.26 |
| 7.0 | 1448 | 15.0 | | | 0.18 | 1.8 | | 7.5 | 8.0 | 97 | | 0.02 | | 17.10 | 19.51 | 11.28 |
| 8.0 | 1427 | 1.0 | | | 0.38 | 2.5 | | 7.7 | 8.2 | 99 | | 0.01 | 1.3 | 15.44 | 19.67 | 9.99 |
| 8.0 | 1427 | 2.0 | | | 0.38 | 2.5 | | 7.8 | 8.2 | 99 | | 0.01 | | 15.75 | 19.47 | 10.27 |
| 8.0 | 1427 | 3.0 | | | 0.33 | 2.3 | | 7.7 | 8.2 | 98 | | 0.01 | | 15.94 | 19.44 | 10.41 |
| 8.0 | 1427 | 4.0 | | | 0.28 | 2.1 | | 7.7 | 8.1 | 98 | | 0.01 | | 16.71 | 19.40 | 11.01 |
| 8.0 | 1427 | 5.0 | | | 0.26 | 2.1 | | 7.7 | 8.1 | 98 | | 0.01 | | 17.24 | 19.37 | 11.41 |
| 8.0 | 1427 | 6.0 | | | 0.23 | 2.0 | | 7.6 | 8.1 | 98 | | 0.01 | | 17.68 | 19.42 | 11.74 |
| 8.0 | 1427 | 7.0 | | | 0.20 | 1.9 | | 7.5 | 8.0 | 98 | | 0.01 | | 18.33 | 19.53 | 12.21 |
| 8.0 | 1427 | 8.0 | | | 0.19 | 1.8 | | 7.5 | 8.0 | 98 | | 0.01 | | 18.62 | 19.57 | 12.42 |
| 8.0 | 1427 | 9.0 | | | 0.18 | 1.8 | | 7.4 | 7.9 | 97 | | 0.01 | | 19.22 | 19.62 | 12.86 |
| 8.0 | 1427 | 10.0 | | | 0.19 | 1.8 | | 7.3 | 7.9 | 97 | | 0.01 | | 19.75 | 19.64 | 13.26 |
| 8.0 | 1427 | 11.0 | | | 0.20 | 1.9 | | 7.2 | 7.8 | 97 | | 0.01 | | 20.89 | 19.63 | 14.13 |
| 8.0 | 1427 | 12.0 | | | 0.22 | 1.9 | | 7.2 | 7.8 | 97 | | 0.01 | | 21.57 | 19.60 | 14.65 |
| 8.0 | 1427 | 13.0 | | | 0.23 | 2.0 | | 7.2 | 7.8 | 97 | | 0.01 | | 21.89 | 19.58 | 14.89 |
| 8.0 | 1427 | 14.0 | | | 0.24 | 2.0 | | 7.1 | 7.7 | 96 | | 0.03 | | 21.94 | 19.58 | 14.94 |
| 8.0 | 1427 | 15.0 | | | 0.24 | 2.0 | | 7.2 | 7.8 | 97 | | 0.05 | | 21.97 | 19.57 | 14.96 |
| 9.0 | 1408 | 1.0 | | | 0.31 | 2.3 | | 7.5 | 8.0 | 98 | | 0.01 | 1.1 | 17.64 | 19.70 | 11.64 |
| 9.0 | 1408 | 2.0 | 2.1 | 0.77 | 0.31 | 2.2 | 8.0 | 7.5 | 8.0 | 97 | 10.9 | 0.00 | | 17.75 | 19.60 | 11.75 |
| 9.0 | 1408 | 3.0 | | | 0.26 | 2.1 | | 7.5 | 8.0 | 98 | | 0.00 | | 18.21 | 19.49 | 12.13 |
| 9.0 | 1408 | 4.0 | | | 0.24 | 2.0 | | 7.4 | 8.0 | 97 | | 0.00 | | 18.64 | 19.66 | 12.41 |
| 9.0 | 1408 | 5.0 | | | 0.23 | 2.0 | | 7.4 | 8.0 | 97 | | 0.01 | | 18.90 | 19.66 | 12.61 |
| 9.0 | 1408 | 6.0 | | | 0.23 | 2.0 | | 7.4 | 7.9 | 97 | | 0.01 | | 19.07 | 19.65 | 12.74 |
| 9.0 | 1408 | 7.0 | | | 0.23 | 1.9 | | 7.3 | 7.9 | 97 | | 0.01 | | 19.63 | 19.63 | 13.17 |
| 9.0 | 1408 | 8.0 | | | 0.22 | 1.9 | | 7.3 | 7.8 | 97 | | 0.01 | | 20.62 | 19.58 | 13.93 |
| 9.0 | 1408 | 9.0 | | | 0.22 | 1.9 | | 7.2 | 7.8 | 97 | | 0.01 | | 20.99 | 19.56 | 14.22 |
| 9.0 | 1408 | 10.0 | | | 0.22 | 1.9 | | 7.2 | 7.8 | 97 | | 0.01 | | 21.16 | 19.55 | 14.35 |
| 9.0 | 1408 | 11.0 | | | 0.22 | 1.9 | | 7.2 | 7.8 | 97 | | 0.01 | | 21.43 | 19.54 | 14.55 |

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| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 9.0 | 1408 | 12.0 | | | 0.23 | 2.0 | | 7.2 | 7.8 | 96 | | 0.01 | 11 | | 22.01 | 19.52 | 15.00 |
| 9.0 | 1408 | 13.0 | | | 0.24 | 2.0 | | 7.2 | 7.7 | 97 | | 0.01 | 11 | | 22.17 | 19.51 | 15.13 |
| 9.0 | 1408 | 14.0 | | | 0.24 | 2.0 | | 7.1 | 7.7 | 96 | | 0.01 | 11 | | 22.22 | 19.50 | 15.17 |
| 9.0 | 1408 | 15.0 | | | 0.24 | 2.0 | | 7.1 | 7.7 | 96 | | 0.01 | 13 | | 22.28 | 19.50 | 15.21 |
| 9.0 | 1408 | 16.0 | | | 0.24 | 2.0 | | 7.1 | 7.7 | 96 | | 0.01 | 14 | | 22.32 | 19.49 | 15.24 |
| 9.0 | 1408 | 17.0 | | | 0.24 | 2.0 | | 7.1 | 7.7 | 96 | | 0.01 | 15 | | 22.35 | 19.49 | 15.27 |
| 9.0 | 1408 | 18.0 | | | 0.25 | 2.0 | | 7.1 | 7.7 | 96 | | 0.01 | 15 | | 22.35 | 19.49 | 15.27 |
| 9.0 | 1408 | 19.0 | | | 0.25 | 2.0 | | 7.1 | 7.7 | 96 | | 0.01 | 14 | | 22.36 | 19.49 | 15.27 |
| 9.0 | 1408 | 20.0 | | | 0.25 | 2.0 | | 7.1 | 7.7 | 96 | | 0.01 | 15 | | 22.37 | 19.49 | 15.28 |
| 9.0 | 1408 | 21.0 | | | 0.25 | 2.0 | | 7.1 | 7.7 | 96 | | 0.01 | 15 | | 22.51 | 19.47 | 15.40 |
| 9.0 | 1408 | 22.0 | | | 0.25 | 2.0 | | 7.1 | 7.7 | 96 | | 0.01 | 15 | | 22.56 | 19.47 | 15.43 |
| 9.0 | 1408 | 23.0 | | | 0.26 | 2.1 | | 7.1 | 7.7 | 96 | | 0.02 | 18 | | 22.60 | 19.46 | 15.47 |
| 9.0 | 1408 | 24.0 | | | 0.26 | 2.1 | | 7.1 | 7.7 | 96 | | 0.02 | 20 | | 22.63 | 19.45 | 15.49 |
| 9.0 | 1408 | 25.0 | | | 0.26 | 2.1 | | 7.1 | 7.7 | 96 | | 0.03 | 22 | | 22.63 | 19.45 | 15.49 |
| 9.0 | 1408 | 26.0 | | | 0.25 | 2.1 | | 7.1 | 7.7 | 96 | | 0.03 | 23 | | 22.63 | 19.45 | 15.49 |
| 9.0 | 1408 | 27.0 | | | 0.26 | 2.1 | | 7.1 | 7.7 | 96 | | 0.03 | 23 | | 22.63 | 19.45 | 15.49 |
| 9.0 | 1408 | 28.0 | | | 0.26 | 2.1 | | 7.1 | 7.7 | 96 | | 0.03 | 26 | | 22.67 | 19.45 | 15.52 |
| 9.0 | 1408 | 29.0 | | | 0.27 | 2.1 | | 7.1 | 7.7 | 96 | | 0.06 | 41 | | 22.76 | 19.43 | 15.59 |
| 9.0 | 1408 | 30.0 | | | 0.28 | 2.1 | | 7.1 | 7.7 | 96 | | 0.07 | 47 | | 22.82 | 19.42 | 15.64 |
| 9.0 | 1408 | 31.0 | | | 0.28 | 2.2 | | 7.1 | 7.7 | 96 | | 0.09 | 59 | | 22.85 | 19.42 | 15.66 |
| 9.0 | 1408 | 32.0 | | | 0.28 | 2.2 | | 7.1 | 7.7 | 96 | | 0.09 | 60 | | 22.85 | 19.42 | 15.66 |
| 9.0 | 1408 | 33.0 | | | 0.29 | 2.2 | | 7.1 | 7.7 | 96 | | 0.10 | 61 | | 22.85 | 19.42 | 15.66 |
| 9.0 | 1408 | 34.0 | | | 0.29 | 2.2 | | 7.1 | 7.7 | 97 | | 0.09 | 60 | | 22.85 | 19.42 | 15.66 |
| 9.0 | 1408 | 35.0 | | | 0.29 | 2.2 | | 7.1 | 7.7 | 96 | | 0.10 | 61 | | 22.85 | 19.42 | 15.66 |
| 9.0 | 1408 | 36.0 | | | 0.29 | 2.2 | | 7.1 | 7.7 | 96 | | 0.10 | 61 | | 22.85 | 19.42 | 15.66 |
| 9.0 | 1408 | 37.0 | | 0.39 | 0.29 | 2.2 | | 7.1 | 7.7 | 97 | | 0.09 | 60 | | 22.85 | 19.42 | 15.66 |
| 10.0 | 1354 | 1.0 | | | 0.26 | 2.1 | | 7.4 | 7.9 | 98 | | 0.01 | 12 | 1.1 | 18.93 | 19.74 | 12.61 |
| 10.0 | 1354 | 2.0 | | | 0.25 | 2.0 | | 7.4 | 7.9 | 97 | | 0.01 | 11 | | 18.99 | 19.69 | 12.67 |
| 10.0 | 1354 | 3.0 | | | 0.23 | 2.0 | | 7.4 | 7.9 | 97 | | 0.01 | 12 | | 19.17 | 19.62 | 12.82 |
| 10.0 | 1354 | 4.0 | | | 0.21 | 1.9 | | 7.3 | 7.9 | 97 | | 0.01 | 14 | | 19.63 | 19.61 | 13.17 |
| 10.0 | 1354 | 5.0 | | | 0.20 | 1.8 | | 7.3 | 7.9 | 97 | | 0.01 | 13 | | 19.69 | 19.62 | 13.22 |
| 10.0 | 1354 | 6.0 | | | 0.20 | 1.8 | | 7.3 | 7.9 | 97 | | 0.01 | 13 | | 19.69 | 19.62 | 13.21 |
| 10.0 | 1354 | 7.0 | | | 0.20 | 1.8 | | 7.3 | 7.9 | 97 | | 0.01 | 13 | | 19.70 | 19.62 | 13.23 |
| 10.0 | 1354 | 8.0 | | | 0.19 | 1.8 | | 7.3 | 7.9 | 97 | | 0.01 | 12 | | 19.88 | 19.62 | 13.36 |
| 10.0 | 1354 | 9.0 | | | 0.20 | 1.8 | | 7.3 | 7.8 | 97 | | 0.01 | 12 | | 20.08 | 19.60 | 13.51 |
| 10.0 | 1354 | 10.0 | | | 0.20 | 1.8 | | 7.3 | 7.8 | 97 | | 0.01 | 12 | | 20.22 | 19.58 | 13.63 |
| 10.0 | 1354 | 11.0 | | | 0.21 | 1.9 | | 7.3 | 7.8 | 97 | | 0.01 | 12 | | 20.29 | 19.58 | 13.69 |
| 10.0 | 1354 | 12.0 | | | 0.22 | 1.9 | | 7.3 | 7.8 | 97 | | 0.01 | 11 | | 20.47 | 19.57 | 13.82 |
| 10.0 | 1354 | 13.0 | | | 0.22 | 1.9 | | 7.3 | 7.8 | 97 | | 0.01 | 11 | | 20.54 | 19.56 | 13.88 |
| 10.0 | 1354 | 14.0 | | | 0.23 | 2.0 | | 7.2 | 7.8 | 97 | | 0.01 | 12 | | 20.61 | 19.57 | 13.93 |
| 10.0 | 1354 | 15.0 | | | 0.23 | 2.0 | | 7.2 | 7.8 | 96 | | 0.01 | 12 | | 21.22 | 19.54 | 14.39 |
| 10.0 | 1354 | 16.0 | | | 0.23 | 2.0 | | 7.2 | 7.8 | 96 | | 0.01 | 11 | | 21.82 | 19.51 | 14.85 |

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| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------------|-------|-------|-------|-------|
| 10.0 | 1354 | 17.0 | | | 0.23 | 2.0 | | 7.1 | 7.7 | 96 | | 0.01 | | 22.19 | 19.49 | 15.14 |
| 10.0 | 1354 | 18.0 | | | 0.24 | 2.0 | | 7.1 | 7.7 | 96 | | 0.01 | | 22.32 | 19.48 | 15.25 |
| 10.0 | 1354 | 19.0 | | | 0.24 | 2.0 | | 7.1 | 7.7 | 97 | | 0.02 | | 22.33 | 19.48 | 15.26 |
| 11.0 | 1326 | 1.0 | | | 0.28 | 2.1 | | 7.3 | 7.9 | 98 | | 0.00 | 1.0 | 20.17 | 19.83 | 13.53 |
| 11.0 | 1326 | 2.0 | | | 0.29 | 2.2 | | 7.3 | 7.8 | 97 | | 0.00 | | 21.06 | 19.57 | 14.27 |
| 11.0 | 1326 | 3.0 | | | 0.28 | 2.1 | | 7.2 | 7.8 | 97 | | 0.00 | | 21.69 | 19.45 | 14.78 |
| 11.0 | 1326 | 4.0 | | | 0.26 | 2.1 | | 7.2 | 7.8 | 97 | | 0.00 | | 21.90 | 19.41 | 14.94 |
| 11.0 | 1326 | 5.0 | | | 0.25 | 2.0 | | 7.2 | 7.8 | 97 | | 0.01 | | 22.11 | 19.41 | 15.11 |
| 11.0 | 1326 | 6.0 | | | 0.24 | 2.0 | | 7.1 | 7.7 | 96 | | 0.01 | | 22.44 | 19.39 | 15.36 |
| 11.0 | 1326 | 7.0 | | | 0.24 | 2.0 | | 7.1 | 7.7 | 96 | | 0.01 | | 22.73 | 19.34 | 15.59 |
| 11.0 | 1326 | 8.0 | | | 0.24 | 2.0 | | 7.1 | 7.7 | 96 | | 0.01 | | 23.05 | 19.30 | 15.84 |
| 11.0 | 1326 | 9.0 | | | 0.25 | 2.0 | | 7.1 | 7.7 | 96 | | 0.01 | | 23.47 | 19.26 | 16.17 |
| 11.0 | 1326 | 10.0 | | | 0.27 | 2.1 | | 7.0 | 7.7 | 96 | | 0.01 | | 23.66 | 19.22 | 16.32 |
| 11.0 | 1326 | 11.0 | | | 0.29 | 2.2 | | 7.0 | 7.6 | 95 | | 0.01 | | 23.95 | 19.12 | 16.57 |
| 11.0 | 1326 | 12.0 | | | 0.31 | 2.3 | | 7.0 | 7.6 | 95 | | 0.01 | | 24.33 | 19.02 | 16.88 |
| 11.0 | 1326 | 13.0 | | | 0.34 | 2.4 | | 7.0 | 7.6 | 95 | | 0.01 | | 24.68 | 18.92 | 17.17 |
| 11.0 | 1326 | 14.0 | | | 0.35 | 2.4 | | 7.0 | 7.6 | 95 | | 0.04 | | 24.72 | 18.90 | 17.21 |
| 11.0 | 1326 | 15.0 | | | 0.36 | 2.4 | | 7.0 | 7.6 | 95 | | 0.07 | | 24.73 | 18.90 | 17.22 |
| 11.0 | 1326 | 16.0 | | | 0.36 | 2.5 | | 7.0 | 7.7 | 96 | | 0.07 | | 24.76 | 18.88 | 17.24 |
| 12.0 | 1307 | 1.0 | | | 0.32 | 2.3 | | 7.3 | 7.9 | 99 | | 0.01 | 0.9 | 21.96 | 19.75 | 14.91 |
| 12.0 | 1307 | 2.0 | | | 0.33 | 2.3 | | 7.2 | 7.8 | 97 | | 0.01 | | 22.22 | 19.60 | 15.14 |
| 12.0 | 1307 | 3.0 | | | 0.33 | 2.3 | | 7.3 | 7.8 | 98 | | 0.00 | | 22.96 | 19.39 | 15.75 |
| 12.0 | 1307 | 4.0 | | | 0.33 | 2.3 | | 7.2 | 7.8 | 97 | | 0.00 | | 23.35 | 19.34 | 16.07 |
| 12.0 | 1307 | 5.0 | | | 0.33 | 2.3 | | 7.1 | 7.7 | 96 | | 0.01 | | 24.02 | 19.18 | 16.61 |
| 12.0 | 1307 | 6.0 | | | 0.33 | 2.4 | | 7.1 | 7.7 | 96 | | 0.01 | | 24.98 | 18.95 | 17.39 |
| 12.0 | 1307 | 7.0 | | | 0.34 | 2.4 | | 7.2 | 7.7 | 97 | | 0.01 | | 25.42 | 18.82 | 17.76 |
| 12.0 | 1307 | 8.0 | | | 0.36 | 2.4 | | 7.1 | 7.7 | 97 | | 0.01 | | 25.89 | 18.92 | 18.09 |
| 12.0 | 1307 | 9.0 | | | 0.36 | 2.4 | | 7.1 | 7.7 | 97 | | 0.01 | | 26.21 | 18.93 | 18.34 |
| 13.0 | 1244 | 1.0 | | | 0.60 | 3.3 | | 7.6 | 8.1 | 102 | | 0.01 | 1.0 | 24.69 | 19.13 | 17.13 |
| 13.0 | 1244 | 2.0 | 3.3 | 0.79 | 0.63 | 3.5 | 8.1 | 7.5 | 8.0 | 101 | 10.6 | 0.01 | | 25.24 | 18.94 | 17.59 |
| 13.0 | 1244 | 3.0 | | | 0.62 | 3.4 | | 7.4 | 8.0 | 100 | | 0.01 | | 25.54 | 18.75 | 17.87 |
| 13.0 | 1244 | 4.0 | | | 0.51 | 3.0 | | 7.3 | 7.8 | 99 | | 0.01 | | 26.78 | 18.63 | 18.84 |
| 13.0 | 1244 | 5.0 | | | 0.44 | 2.7 | | 7.2 | 7.8 | 98 | | 0.00 | | 27.64 | 18.58 | 19.51 |
| 13.0 | 1244 | 6.0 | | | 0.41 | 2.6 | | 7.2 | 7.8 | 98 | | 0.00 | | 27.89 | 18.58 | 19.69 |
| 13.0 | 1244 | 7.0 | | | 0.40 | 2.6 | | 7.1 | 7.7 | 98 | | 0.00 | | 28.11 | 18.59 | 19.86 |
| 13.0 | 1244 | 8.0 | | | 0.40 | 2.6 | | 7.1 | 7.7 | 98 | | 0.00 | | 28.32 | 18.59 | 20.02 |
| 13.0 | 1244 | 9.0 | | | 0.40 | 2.6 | | 7.1 | 7.7 | 98 | | 0.00 | | 28.35 | 18.59 | 20.05 |
| 13.0 | 1244 | 10.0 | 2.2 | 0.72 | 0.40 | 2.6 | | 7.1 | 7.7 | 98 | | 0.01 | | 28.36 | 18.59 | 20.05 |

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| STN | TIME | DEPTH | DISCR | CHL a/ a+PHA | FLUOR | CALC | DISCR | OXYG | OXYG | CALC | % OXY | DISCR | OBS | CALC | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|-------|-----------------|-------|------|-------|------|------|------|-------|-------|------|------|-------|-------|-------|-------|
| 14.0 | 1223 | 1.0 | | | 0.68 | 3.6 | | 7.6 | 8.1 | 101 | | | 0.01 | 10 | 1.0 | 26.05 | 18.81 | 18.24 |
| 14.0 | 1223 | 2.0 | | | 0.69 | 3.7 | | 7.5 | 8.0 | 101 | | | 0.01 | 10 | | 26.27 | 18.62 | 18.45 |
| 14.0 | 1223 | 3.0 | | | 0.64 | 3.5 | | 7.4 | 8.0 | 100 | | | 0.01 | 11 | | 26.63 | 18.55 | 18.75 |
| 14.0 | 1223 | 4.0 | | | 0.54 | 3.1 | | 7.3 | 7.9 | 100 | | | 0.01 | 11 | | 27.29 | 18.52 | 19.25 |
| 14.0 | 1223 | 5.0 | | | 0.47 | 2.9 | | 7.3 | 7.9 | 99 | | | 0.01 | 11 | | 27.66 | 18.51 | 19.54 |
| 14.0 | 1223 | 6.0 | | | 0.44 | 2.8 | | 7.2 | 7.8 | 99 | | | 0.01 | 10 | | 27.86 | 18.51 | 19.69 |
| 14.0 | 1223 | 7.0 | | | 0.43 | 2.7 | | 7.2 | 7.8 | 98 | | | 0.00 | 9 | | 28.19 | 18.50 | 19.95 |
| 14.0 | 1223 | 8.0 | | | 0.41 | 2.6 | | 7.1 | 7.7 | 98 | | | 0.00 | 9 | | 28.59 | 18.49 | 20.26 |
| 14.0 | 1223 | 9.0 | | | 0.40 | 2.6 | | 7.1 | 7.7 | 98 | | | 0.00 | 10 | | 28.66 | 18.48 | 20.31 |
| 14.0 | 1223 | 10.0 | | | 0.39 | 2.6 | | 7.1 | 7.7 | 98 | | | 0.00 | 9 | | 28.71 | 18.48 | 20.35 |
| 14.0 | 1223 | 11.0 | | | 0.39 | 2.5 | | 7.1 | 7.7 | 97 | | | 0.00 | 9 | | 28.77 | 18.46 | 20.40 |
| 14.0 | 1223 | 12.0 | | | 0.39 | 2.5 | | 7.0 | 7.7 | 97 | | | 0.00 | 8 | | 28.79 | 18.46 | 20.42 |
| 14.0 | 1223 | 13.0 | | | 0.39 | 2.5 | | 7.0 | 7.6 | 97 | | | 0.00 | 8 | | 28.80 | 18.47 | 20.42 |
| 14.0 | 1223 | 14.0 | | | 0.39 | 2.5 | | 7.0 | 7.6 | 97 | | | 0.00 | 8 | | 28.81 | 18.48 | 20.42 |
| 15.0 | 1155 | 1.0 | | | 0.57 | 3.2 | | 7.4 | 7.9 | 100 | | | 0.00 | 8 | 0.8 | 27.93 | 18.42 | 19.77 |
| 15.0 | 1155 | 2.0 | | | 0.57 | 3.2 | 7.8 | 7.4 | 8.0 | 100 | | 6.2 | 0.00 | 8 | | 28.09 | 18.37 | 19.90 |
| 15.0 | 1155 | 3.0 | 2.3 | 0.74 | 0.55 | 3.2 | | 7.4 | 7.9 | 100 | | | 0.00 | 8 | | 28.14 | 18.41 | 19.93 |
| 15.0 | 1155 | 4.0 | | | 0.53 | 3.1 | | 7.3 | 7.9 | 99 | | | 0.00 | 8 | | 28.23 | 18.40 | 20.00 |
| 15.0 | 1155 | 5.0 | | | 0.49 | 3.0 | | 7.3 | 7.8 | 99 | | | 0.00 | 8 | | 28.49 | 18.35 | 20.21 |
| 15.0 | 1155 | 6.0 | | | 0.46 | 2.8 | | 7.2 | 7.8 | 99 | | | 0.00 | 7 | | 28.65 | 18.37 | 20.33 |
| 15.0 | 1155 | 7.0 | | | 0.42 | 2.7 | | 7.2 | 7.8 | 98 | | | 0.00 | 7 | | 28.78 | 18.40 | 20.42 |
| 15.0 | 1155 | 8.0 | | | 0.41 | 2.6 | | 7.1 | 7.7 | 98 | | | 0.00 | 8 | | 28.82 | 18.40 | 20.45 |
| 15.0 | 1155 | 9.0 | | | 0.39 | 2.6 | | 7.1 | 7.7 | 98 | | | 0.00 | 7 | | 28.97 | 18.39 | 20.57 |
| 15.0 | 1155 | 10.0 | | | 0.38 | 2.5 | | 7.0 | 7.7 | 97 | | | 0.00 | 7 | | 29.02 | 18.37 | 20.61 |
| 15.0 | 1155 | 11.0 | | | 0.37 | 2.5 | | 7.0 | 7.6 | 97 | | | 0.00 | 7 | | 29.08 | 18.35 | 20.66 |
| 15.0 | 1155 | 12.0 | | | 0.37 | 2.5 | | 7.0 | 7.6 | 97 | | | 0.00 | 8 | | 29.13 | 18.33 | 20.70 |
| 15.0 | 1155 | 13.0 | | | 0.36 | 2.4 | | 6.9 | 7.6 | 96 | | | 0.00 | 7 | | 29.18 | 18.32 | 20.75 |
| 15.0 | 1155 | 14.0 | | | 0.34 | 2.4 | | 6.9 | 7.6 | 96 | | | 0.00 | 8 | | 29.23 | 18.30 | 20.79 |
| 15.0 | 1155 | 15.0 | | | 0.33 | 2.3 | | 6.9 | 7.5 | 96 | | | 0.00 | 7 | | 29.34 | 18.28 | 20.87 |
| 15.0 | 1155 | 16.0 | | | 0.33 | 2.3 | | 6.9 | 7.5 | 95 | | | 0.00 | 8 | | 29.42 | 18.26 | 20.94 |
| 15.0 | 1155 | 17.0 | | | 0.33 | 2.3 | | 6.8 | 7.5 | 95 | | | 0.00 | 8 | | 29.52 | 18.23 | 21.03 |
| 15.0 | 1155 | 18.0 | | | 0.33 | 2.3 | | 6.8 | 7.4 | 94 | | | 0.00 | 8 | | 29.66 | 18.17 | 21.15 |
| 15.0 | 1155 | 19.0 | | | 0.33 | 2.3 | | 6.7 | 7.4 | 94 | | | 0.00 | 9 | | 29.89 | 18.07 | 21.35 |
| 15.0 | 1155 | 20.0 | | | 0.32 | 2.3 | | 6.7 | 7.4 | 94 | | | 0.00 | 9 | | 30.27 | 17.91 | 21.68 |
| 15.0 | 1155 | 21.0 | | | 0.32 | 2.3 | | 6.7 | 7.4 | 94 | | | 0.01 | 14 | | 30.46 | 17.83 | 21.84 |
| 15.0 | 1155 | 22.0 | | | 0.32 | 2.3 | | 6.7 | 7.4 | 94 | | | 0.02 | 18 | | 30.49 | 17.81 | 21.86 |
| 15.0 | 1155 | 23.0 | | | 0.33 | 2.3 | | 6.7 | 7.4 | 94 | | | 0.03 | 23 | | 30.49 | 17.81 | 21.87 |
| 15.0 | 1155 | 24.0 | 2.1 | 0.35 | 0.33 | 2.3 | | 6.7 | 7.4 | 94 | | | 0.04 | 28 | | 30.49 | 17.81 | 21.87 |
| 16.0 | 1115 | 1.0 | | | 0.47 | 2.9 | | 7.1 | 7.7 | 98 | | | 0.00 | 8 | 0.7 | 28.92 | 18.35 | 20.54 |
| 16.0 | 1115 | 2.0 | | | 0.48 | 2.9 | | 7.0 | 7.7 | 97 | | | 0.00 | 8 | | 29.16 | 18.23 | 20.75 |
| 16.0 | 1115 | 3.0 | | | 0.44 | 2.7 | | 6.9 | 7.6 | 96 | | | 0.00 | 7 | | 29.57 | 18.13 | 21.09 |

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October 7, 1997

North San Francisco Bay

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 16.0 | 1115 | 4.0 | | | 0.39 | 2.6 | | 6.9 | 7.5 | 95 | | 0.00 | 7 | | 29.87 | 18.00 | 21.35 |
| 16.0 | 1115 | 5.0 | | | 0.35 | 2.4 | | 6.8 | 7.5 | 95 | | 0.00 | 7 | | 30.04 | 17.91 | 21.50 |
| 16.0 | 1115 | 6.0 | | | 0.33 | 2.3 | | 6.8 | 7.5 | 94 | | 0.00 | 8 | | 30.35 | 17.76 | 21.77 |
| 16.0 | 1115 | 7.0 | | | 0.31 | 2.3 | | 6.8 | 7.4 | 94 | | 0.00 | 7 | | 30.61 | 17.65 | 22.00 |
| 16.0 | 1115 | 8.0 | | | 0.30 | 2.2 | | 6.8 | 7.4 | 94 | | 0.00 | 8 | | 30.80 | 17.60 | 22.16 |
| 16.0 | 1115 | 9.0 | | | 0.30 | 2.2 | | 6.8 | 7.4 | 94 | | 0.00 | 8 | | 30.87 | 17.58 | 22.21 |
| 16.0 | 1115 | 10.0 | | | 0.30 | 2.2 | | 6.8 | 7.4 | 94 | | 0.00 | 9 | | 30.93 | 17.56 | 22.26 |
| 16.0 | 1115 | 11.0 | | | 0.29 | 2.2 | | 6.7 | 7.4 | 94 | | 0.00 | 9 | | 30.96 | 17.55 | 22.29 |
| 16.0 | 1115 | 12.0 | | | 0.29 | 2.2 | | 6.7 | 7.4 | 94 | | 0.00 | 9 | | 31.03 | 17.53 | 22.34 |
| 16.0 | 1115 | 13.0 | | | 0.29 | 2.2 | | 6.8 | 7.4 | 94 | | 0.00 | 10 | | 31.14 | 17.49 | 22.44 |
| 17.0 | 1054 | 1.0 | | | 0.37 | 2.5 | | 7.1 | 7.7 | 97 | | 0.00 | 7 | 0.7 | 30.53 | 17.84 | 21.90 |
| 17.0 | 1054 | 2.0 | | | 0.40 | 2.6 | | 7.1 | 7.7 | 97 | | 0.00 | 7 | | 30.54 | 17.81 | 21.90 |
| 17.0 | 1054 | 3.0 | | | 0.42 | 2.7 | | 7.0 | 7.7 | 97 | | 0.00 | 7 | | 30.55 | 17.78 | 21.92 |
| 17.0 | 1054 | 4.0 | | | 0.44 | 2.7 | | 7.0 | 7.6 | 97 | | 0.00 | 7 | | 30.58 | 17.75 | 21.95 |
| 17.0 | 1054 | 5.0 | | | 0.44 | 2.8 | | 7.0 | 7.6 | 97 | | 0.00 | 7 | | 30.65 | 17.69 | 22.01 |
| 17.0 | 1054 | 6.0 | | | 0.42 | 2.7 | | 6.9 | 7.6 | 96 | | 0.00 | 7 | | 30.72 | 17.63 | 22.08 |
| 17.0 | 1054 | 7.0 | | | 0.39 | 2.6 | | 6.9 | 7.6 | 96 | | 0.00 | 7 | | 30.76 | 17.58 | 22.13 |
| 17.0 | 1054 | 8.0 | | | 0.39 | 2.5 | | 6.9 | 7.6 | 96 | | 0.00 | 7 | | 30.77 | 17.57 | 22.14 |
| 17.0 | 1054 | 9.0 | | | 0.38 | 2.5 | | 6.9 | 7.5 | 95 | | 0.00 | 8 | | 30.78 | 17.55 | 22.15 |
| 17.0 | 1054 | 10.0 | | | 0.36 | 2.4 | | 6.8 | 7.5 | 95 | | 0.00 | 7 | | 30.82 | 17.51 | 22.19 |
| 17.0 | 1054 | 11.0 | | | 0.33 | 2.3 | | 6.8 | 7.5 | 95 | | 0.00 | 7 | | 30.97 | 17.43 | 22.32 |
| 17.0 | 1054 | 12.0 | | | 0.31 | 2.2 | | 6.8 | 7.5 | 94 | | 0.00 | 8 | | 31.17 | 17.39 | 22.49 |
| 17.0 | 1054 | 13.0 | | | 0.31 | 2.3 | | 6.8 | 7.5 | 95 | | 0.00 | 9 | | 31.23 | 17.38 | 22.53 |
| 18.0 | 1034 | 1.0 | | | 0.39 | 2.6 | | 6.8 | 7.5 | 96 | | 0.00 | 7 | 0.9 | 31.02 | 18.03 | 22.22 |
| 18.0 | 1034 | 2.0 | | 0.74 | 0.41 | 2.6 | | 6.8 | 7.5 | 95 | 5.7 | 0.00 | 7 | | 31.07 | 17.90 | 22.29 |
| 18.0 | 1034 | 3.0 | 3.0 | | 0.39 | 2.6 | 7.5 | 6.8 | 7.4 | 95 | | 0.00 | 7 | | 31.14 | 17.74 | 22.38 |
| 18.0 | 1034 | 4.0 | | | 0.36 | 2.4 | | 6.8 | 7.4 | 94 | | 0.00 | 7 | | 31.18 | 17.65 | 22.43 |
| 18.0 | 1034 | 5.0 | | | 0.34 | 2.4 | | 6.8 | 7.5 | 95 | | 0.00 | 7 | | 31.19 | 17.62 | 22.45 |
| 18.0 | 1034 | 6.0 | | | 0.34 | 2.4 | | 6.8 | 7.5 | 95 | | 0.00 | 7 | | 31.20 | 17.58 | 22.46 |
| 18.0 | 1034 | 7.0 | | | 0.34 | 2.4 | | 6.8 | 7.5 | 95 | | 0.00 | 7 | | 31.20 | 17.56 | 22.47 |
| 18.0 | 1034 | 8.0 | | | 0.33 | 2.3 | | 6.8 | 7.5 | 95 | | 0.00 | 7 | | 31.20 | 17.55 | 22.47 |
| 18.0 | 1034 | 9.0 | | | 0.33 | 2.3 | | 6.8 | 7.5 | 95 | | 0.00 | 7 | | 31.19 | 17.57 | 22.46 |
| 18.0 | 1034 | 10.0 | | | 0.34 | 2.4 | | 6.8 | 7.5 | 95 | | 0.00 | 7 | | 31.19 | 17.54 | 22.47 |
| 18.0 | 1034 | 11.0 | | | 0.34 | 2.4 | | 6.9 | 7.5 | 95 | | 0.00 | 7 | | 31.19 | 17.53 | 22.47 |
| 18.0 | 1034 | 12.0 | | | 0.34 | 2.4 | | 6.9 | 7.5 | 95 | | 0.00 | 7 | | 31.20 | 17.54 | 22.47 |
| 18.0 | 1034 | 13.0 | | | 0.34 | 2.4 | | 6.8 | 7.5 | 95 | | 0.00 | 7 | | 31.20 | 17.55 | 22.47 |
| 18.0 | 1034 | 14.0 | | | 0.35 | 2.4 | | 6.9 | 7.5 | 95 | | 0.00 | 7 | | 31.20 | 17.53 | 22.48 |
| 18.0 | 1034 | 15.0 | | | 0.35 | 2.4 | | 6.9 | 7.5 | 95 | | 0.00 | 7 | | 31.20 | 17.52 | 22.48 |
| 18.0 | 1034 | 16.0 | | | 0.36 | 2.4 | | 6.9 | 7.5 | 95 | | 0.00 | 7 | | 31.21 | 17.48 | 22.50 |
| 18.0 | 1034 | 17.0 | | | 0.37 | 2.5 | | 6.9 | 7.5 | 95 | | 0.00 | 7 | | 31.22 | 17.46 | 22.51 |
| 18.0 | 1034 | 18.0 | | | 0.37 | 2.5 | | 6.8 | 7.5 | 95 | | 0.00 | 7 | | 31.24 | 17.42 | 22.53 |

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October 7, 1997

North San Francisco Bay

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | SPM | CALC | EXCOF | SALIN | TEMP | SGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-----|------|-------|-------|-------|-------|
| 18.0 | 1034 | 19.0 | | | 0.36 | 2.5 | | 6.8 | 7.5 | 95 | | 0.00 | 7 | | | 31.32 | 17.34 | 22.61 |
| 18.0 | 1034 | 20.0 | | | 0.35 | 2.4 | | 6.8 | 7.5 | 94 | | 0.00 | 7 | | | 31.39 | 17.30 | 22.68 |
| 18.0 | 1034 | 21.0 | | | 0.34 | 2.4 | | 6.8 | 7.5 | 95 | | 0.00 | 7 | | | 31.42 | 17.26 | 22.71 |
| 18.0 | 1034 | 22.0 | | | 0.34 | 2.4 | | 6.8 | 7.5 | 94 | | 0.00 | 7 | | | 31.43 | 17.25 | 22.72 |
| 18.0 | 1034 | 23.0 | | | 0.33 | 2.4 | | 6.8 | 7.5 | 94 | | 0.00 | 7 | | | 31.50 | 17.18 | 22.79 |
| 18.0 | 1034 | 24.0 | | | 0.32 | 2.3 | | 6.8 | 7.5 | 94 | | 0.00 | 8 | | | 31.60 | 17.10 | 22.88 |
| 18.0 | 1034 | 25.0 | | | 0.32 | 2.3 | | 6.8 | 7.5 | 94 | | 0.00 | 8 | | | 31.64 | 17.07 | 22.93 |
| 18.0 | 1034 | 26.0 | | | 0.32 | 2.3 | | 6.8 | 7.5 | 94 | | 0.00 | 7 | | | 31.68 | 17.04 | 22.96 |
| 18.0 | 1034 | 27.0 | | | 0.31 | 2.3 | | 6.8 | 7.5 | 94 | | 0.00 | 8 | | | 31.69 | 17.03 | 22.97 |
| 18.0 | 1034 | 28.0 | | | 0.31 | 2.2 | | 6.8 | 7.5 | 94 | | 0.00 | 8 | | | 31.70 | 17.02 | 22.98 |
| 18.0 | 1034 | 29.0 | | | 0.30 | 2.2 | | 6.8 | 7.5 | 94 | | 0.00 | 8 | | | 31.71 | 17.01 | 22.99 |
| 18.0 | 1034 | 30.0 | | | 0.32 | 2.3 | | 6.8 | 7.5 | 94 | | 0.00 | 8 | | | 31.72 | 17.00 | 23.00 |
| 18.0 | 1034 | 31.0 | | | 0.31 | 2.3 | | 6.8 | 7.5 | 94 | | 0.00 | 8 | | | 31.72 | 17.00 | 23.00 |
| 18.0 | 1034 | 32.0 | | | 0.30 | 2.2 | | 6.8 | 7.5 | 94 | | 0.00 | 8 | | | 31.75 | 16.97 | 23.03 |
| 18.0 | 1034 | 33.0 | | | 0.29 | 2.2 | | 6.8 | 7.5 | 94 | | 0.00 | 9 | | | 31.80 | 16.93 | 23.08 |
| 18.0 | 1034 | 34.0 | | 0.55 | 0.29 | 2.2 | | 6.8 | 7.5 | 94 | | 0.00 | 10 | | | 31.81 | 16.92 | 23.08 |
| 20.0 | 1013 | 1.0 | | | 0.31 | 2.3 | | 6.7 | 7.4 | 95 | | 0.00 | 7 | | 0.9 | 31.17 | 18.07 | 22.33 |
| 20.0 | 1013 | 2.0 | | | 0.31 | 2.3 | | 6.7 | 7.4 | 95 | | 0.00 | 7 | | | 31.17 | 18.10 | 22.32 |
| 20.0 | 1013 | 3.0 | | | 0.32 | 2.3 | | 6.7 | 7.4 | 95 | | 0.00 | 7 | | | 31.17 | 18.08 | 22.32 |
| 20.0 | 1013 | 4.0 | | | 0.32 | 2.3 | | 6.7 | 7.4 | 95 | | 0.00 | 7 | | | 31.17 | 18.06 | 22.33 |
| 20.0 | 1013 | 5.0 | | | 0.32 | 2.3 | | 6.7 | 7.4 | 94 | | 0.00 | 7 | | | 31.18 | 18.03 | 22.34 |
| 20.0 | 1013 | 6.0 | | | 0.31 | 2.3 | | 6.7 | 7.4 | 94 | | 0.00 | 7 | | | 31.18 | 18.01 | 22.35 |
| 20.0 | 1013 | 7.0 | | | 0.30 | 2.2 | | 6.7 | 7.4 | 94 | | 0.00 | 7 | | | 31.20 | 17.94 | 22.38 |
| 20.0 | 1013 | 8.0 | | | 0.29 | 2.2 | | 6.7 | 7.4 | 94 | | 0.00 | 7 | | | 31.20 | 17.94 | 22.38 |
| 20.0 | 1013 | 9.0 | | | 0.29 | 2.2 | | 6.7 | 7.4 | 94 | | 0.00 | 7 | | | 31.21 | 17.93 | 22.39 |
| 20.0 | 1013 | 10.0 | | | 0.28 | 2.2 | | 6.7 | 7.4 | 94 | | 0.00 | 7 | | | 31.21 | 17.93 | 22.39 |
| 20.0 | 1013 | 11.0 | | | 0.29 | 2.2 | | 6.6 | 7.3 | 94 | | 0.00 | 8 | | | 31.21 | 17.93 | 22.39 |
| 20.0 | 1013 | 12.0 | | | 0.29 | 2.2 | | 6.6 | 7.3 | 94 | | 0.00 | 8 | | | 31.25 | 17.88 | 22.43 |
| 20.0 | 1013 | 13.0 | | | 0.29 | 2.2 | | 6.6 | 7.3 | 93 | | 0.00 | 8 | | | 31.28 | 17.85 | 22.46 |
| 20.0 | 1013 | 14.0 | | | 0.29 | 2.2 | | 6.6 | 7.3 | 93 | | 0.00 | 8 | | | 31.31 | 17.81 | 22.49 |
| 20.0 | 1013 | 15.0 | | | 0.29 | 2.2 | | 6.6 | 7.3 | 93 | | 0.00 | 8 | | | 31.33 | 17.78 | 22.52 |
| 20.0 | 1013 | 16.0 | | | 0.29 | 2.2 | | 6.6 | 7.3 | 93 | | 0.00 | 8 | | | 31.34 | 17.77 | 22.53 |
| 20.0 | 1013 | 17.0 | | | 0.29 | 2.2 | | 6.6 | 7.3 | 93 | | 0.00 | 9 | | | 31.35 | 17.75 | 22.54 |
| 20.0 | 1013 | 18.0 | | | 0.30 | 2.2 | | 6.6 | 7.3 | 93 | | 0.00 | 9 | | | 31.37 | 17.73 | 22.56 |
| 20.0 | 1013 | 19.0 | | | 0.30 | 2.2 | | 6.6 | 7.3 | 93 | | 0.00 | 9 | | | 31.38 | 17.71 | 22.58 |
| 20.0 | 1013 | 20.0 | | | 0.30 | 2.2 | | 6.6 | 7.3 | 93 | | 0.00 | 10 | | | 31.39 | 17.70 | 22.58 |
| 20.0 | 1013 | 21.0 | | | 0.30 | 2.2 | | 6.6 | 7.3 | 93 | | 0.01 | 11 | | | 31.40 | 17.69 | 22.59 |
| 20.0 | 1013 | 22.0 | | | 0.30 | 2.2 | | 6.6 | 7.3 | 93 | | 0.01 | 11 | | | 31.40 | 17.67 | 22.60 |
| 20.0 | 1013 | 23.0 | | | 0.31 | 2.3 | | 6.6 | 7.3 | 93 | | 0.01 | 10 | | | 31.40 | 17.67 | 22.60 |
| 20.0 | 1013 | 24.0 | | | 0.32 | 2.3 | | 6.6 | 7.3 | 93 | | 0.01 | 11 | | | 31.41 | 17.66 | 22.60 |
| 20.0 | 1013 | 25.0 | | | 0.32 | 2.3 | | 6.6 | 7.3 | 93 | | 0.01 | 11 | | | 31.41 | 17.66 | 22.60 |

| North San Francisco Bay | October 7, 1997 | Year Day: 97280 | | | |
|-------------------------------|-----------------|-----------------|---------|--------|-----------|
| | n | r ² | Slope | Inter. | Std. Err. |
| Fluorometer Calibration: | 16 | 0.501 | 3.735 | 1.102 | 0.464 |
| OBS Calibration: | 7 | 0.890 | 562.557 | 6.968 | 1.561 |
| Dissolved Oxygen Calibration: | 8 | 0.953 | 0.793 | 2.075 | 0.117 |

OBS sensor sensitivity was decreased and calibration changed from previous dates.
 Seabird v4.026

97280

October 7, 1997

South San Francisco Bay

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 36.0 | 0618 | 1.0 | | | 0.77 | 3.5 | | 6.9 | 7.2 | 91 | 0.06 | 38 | | 28.67 | 18.05 | 20.42 |
| 36.0 | 0618 | 2.0 | 3.7 | 0.58 | 0.77 | 3.5 | | 6.9 | 7.2 | 91 | 0.07 | 39 | | 28.68 | 18.05 | 20.43 |
| 36.0 | 0618 | 3.0 | | | 0.78 | 3.5 | | 6.9 | 7.2 | 91 | 0.06 | 38 | | 28.67 | 18.05 | 20.42 |
| 36.0 | 0618 | 4.0 | | | 0.78 | 3.5 | | 7.0 | 7.2 | 91 | 0.06 | 37 | | 28.67 | 18.06 | 20.42 |
| 36.0 | 0618 | 5.0 | | | 0.78 | 3.5 | | 7.0 | 7.2 | 91 | 0.06 | 36 | | 28.77 | 18.15 | 20.48 |
| 36.0 | 0618 | 6.0 | | | 0.74 | 3.4 | | 6.9 | 7.2 | 92 | 0.06 | 37 | | 29.10 | 18.33 | 20.68 |
| 36.0 | 0618 | 7.0 | | | 0.73 | 3.4 | | 6.8 | 7.2 | 92 | 0.07 | 39 | | 29.24 | 18.33 | 20.79 |
| 34.0 | 0642 | 1.0 | | | 0.63 | 3.1 | | 6.8 | 7.2 | 92 | 0.03 | 20 | | 29.76 | 18.40 | 21.17 |
| 34.0 | 0642 | 2.0 | | | 0.63 | 3.1 | | 6.8 | 7.2 | 92 | 0.03 | 19 | | 29.76 | 18.41 | 21.17 |
| 34.0 | 0642 | 3.0 | | | 0.64 | 3.1 | | 6.8 | 7.2 | 92 | 0.03 | 20 | | 29.76 | 18.42 | 21.17 |
| 34.0 | 0642 | 4.0 | | | 0.64 | 3.1 | | 6.8 | 7.2 | 92 | 0.03 | 20 | | 29.77 | 18.42 | 21.17 |
| 34.0 | 0642 | 5.0 | | | 0.65 | 3.2 | | 6.8 | 7.2 | 92 | 0.03 | 20 | | 29.77 | 18.42 | 21.17 |
| 34.0 | 0642 | 6.0 | | | 0.64 | 3.1 | | 6.8 | 7.2 | 92 | 0.03 | 21 | | 29.77 | 18.42 | 21.17 |
| 34.0 | 0642 | 7.0 | | | 0.63 | 3.1 | | 6.8 | 7.2 | 92 | 0.04 | 22 | | 29.77 | 18.41 | 21.17 |
| 34.0 | 0642 | 8.0 | | | 0.63 | 3.1 | | 6.8 | 7.2 | 92 | 0.04 | 23 | | 29.77 | 18.41 | 21.18 |
| 32.0 | 0705 | 1.0 | | | 0.60 | 3.0 | | 6.9 | 7.2 | 93 | 0.02 | 16 | | 30.36 | 18.54 | 21.60 |
| 32.0 | 0705 | 2.0 | 2.8 | 0.64 | 0.60 | 3.0 | 7.2 | 6.9 | 7.2 | 93 | 0.02 | 16 | | 30.36 | 18.55 | 21.59 |
| 32.0 | 0705 | 3.0 | | | 0.61 | 3.1 | | 6.9 | 7.2 | 93 | 0.02 | 15 | | 30.36 | 18.55 | 21.59 |
| 32.0 | 0705 | 4.0 | | | 0.62 | 3.1 | | 6.9 | 7.2 | 93 | 0.02 | 15 | | 30.37 | 18.55 | 21.60 |
| 32.0 | 0705 | 5.0 | | | 0.62 | 3.1 | | 6.9 | 7.2 | 93 | 0.03 | 18 | | 30.39 | 18.58 | 21.61 |
| 32.0 | 0705 | 6.0 | | | 0.63 | 3.1 | | 6.9 | 7.2 | 93 | 0.04 | 24 | | 30.39 | 18.58 | 21.61 |
| 32.0 | 0705 | 7.0 | | | 0.64 | 3.1 | | 6.9 | 7.2 | 93 | 0.04 | 25 | | 30.40 | 18.58 | 21.61 |
| 32.0 | 0705 | 8.0 | | | 0.63 | 3.1 | | 6.9 | 7.2 | 93 | 0.05 | 28 | | 30.40 | 18.58 | 21.61 |
| 32.0 | 0705 | 9.0 | | | 0.63 | 3.1 | | 6.9 | 7.2 | 93 | 0.05 | 28 | | 30.40 | 18.58 | 21.61 |
| 32.0 | 0705 | 10.0 | | | 0.63 | 3.1 | | 6.9 | 7.2 | 93 | 0.04 | 27 | | 30.40 | 18.58 | 21.61 |
| 32.0 | 0705 | 11.0 | | | 0.63 | 3.1 | | 6.9 | 7.2 | 93 | 0.04 | 27 | | 30.40 | 18.58 | 21.61 |
| 32.0 | 0705 | 12.0 | | | 0.63 | 3.1 | | 6.9 | 7.2 | 93 | 0.05 | 32 | | 30.40 | 18.59 | 21.61 |
| 32.0 | 0705 | 13.0 | | | 0.62 | 3.1 | | 6.9 | 7.2 | 93 | 0.06 | 34 | | 30.40 | 18.59 | 21.61 |
| 30.0 | 0733 | 1.0 | | | 0.50 | 2.8 | | 6.8 | 7.2 | 93 | 0.02 | 14 | 1.4 | 30.60 | 18.83 | 21.70 |
| 30.0 | 0733 | 2.0 | 2.6 | 0.62 | 0.50 | 2.8 | 7.2 | 6.8 | 7.2 | 93 | 0.02 | 13 | | 30.60 | 18.82 | 21.70 |
| 30.0 | 0733 | 3.0 | | | 0.50 | 2.8 | | 6.8 | 7.2 | 93 | 0.02 | 13 | | 30.60 | 18.82 | 21.70 |
| 30.0 | 0733 | 4.0 | | | 0.49 | 2.7 | | 6.8 | 7.2 | 93 | 0.02 | 14 | | 30.60 | 18.82 | 21.70 |
| 30.0 | 0733 | 5.0 | | | 0.49 | 2.7 | | 6.8 | 7.2 | 93 | 0.02 | 13 | | 30.60 | 18.83 | 21.70 |
| 30.0 | 0733 | 6.0 | | | 0.50 | 2.8 | | 6.8 | 7.2 | 93 | 0.02 | 13 | | 30.60 | 18.82 | 21.70 |
| 30.0 | 0733 | 7.0 | | | 0.51 | 2.8 | | 6.8 | 7.2 | 93 | 0.02 | 13 | | 30.60 | 18.82 | 21.70 |
| 30.0 | 0733 | 8.0 | | | 0.52 | 2.8 | | 6.8 | 7.2 | 93 | 0.02 | 13 | | 30.60 | 18.82 | 21.70 |
| 30.0 | 0733 | 9.0 | | | 0.52 | 2.8 | | 6.8 | 7.2 | 93 | 0.02 | 15 | | 30.60 | 18.82 | 21.70 |
| 30.0 | 0733 | 10.0 | | | 0.52 | 2.8 | | 6.9 | 7.2 | 93 | 0.02 | 15 | | 30.60 | 18.82 | 21.70 |
| 30.0 | 0733 | 11.0 | | | 0.52 | 2.8 | | 6.9 | 7.2 | 93 | 0.02 | 15 | | 30.60 | 18.82 | 21.70 |
| 30.0 | 0733 | 12.0 | | | 0.52 | 2.8 | | 6.9 | 7.2 | 93 | 0.02 | 15 | | 30.60 | 18.82 | 21.70 |

97280

October 7, 1997

South San Francisco Bay

| STN | TIME | DEPTH | DISCR | CHL a/ a+PHA | FLUOR | CALC | DISCR | CALC | CHL a | OXYG | % OXY | DISCR | OBS | CALC | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|-------|-----------------|-------|------|-------|------|-------|------|-------|-------|------|------|-------|-------|-------|-------|
| | | | CHL a | | | | OXYG | OXYG | | | SAT | SPM | | SPM | | | | |
| 30.0 | 0733 | 13.0 | | | 0.52 | 2.8 | | 6.9 | 7.2 | 93 | | | 0.02 | 15 | | 30.60 | 18.83 | 21.70 |
| 30.0 | 0733 | 14.0 | | | 0.52 | 2.8 | | 6.8 | 7.2 | 93 | | | 0.03 | 19 | | 30.60 | 18.84 | 21.70 |
| 30.0 | 0733 | 15.0 | | 2.7 | 0.60 | 2.8 | | 6.8 | 7.2 | 93 | | | 0.03 | 19 | | 30.60 | 18.84 | 21.70 |
| 29.0 | 0758 | 1.0 | | | 0.56 | 2.9 | | 6.8 | 7.2 | 94 | | | 0.02 | 13 | 1.7 | 30.53 | 19.07 | 21.59 |
| 29.0 | 0758 | 2.0 | | | 0.56 | 2.9 | | 6.8 | 7.2 | 94 | | | 0.02 | 13 | | 30.53 | 19.08 | 21.59 |
| 29.0 | 0758 | 3.0 | | | 0.55 | 2.9 | | 6.8 | 7.2 | 94 | | | 0.02 | 13 | | 30.53 | 19.08 | 21.59 |
| 29.0 | 0758 | 4.0 | | | 0.55 | 2.9 | | 6.8 | 7.2 | 94 | | | 0.02 | 13 | | 30.53 | 19.08 | 21.59 |
| 29.0 | 0758 | 5.0 | | | 0.55 | 2.9 | | 6.8 | 7.2 | 94 | | | 0.02 | 14 | | 30.53 | 19.09 | 21.59 |
| 29.0 | 0758 | 6.0 | | | 0.55 | 2.9 | | 6.8 | 7.2 | 94 | | | 0.02 | 13 | | 30.53 | 19.07 | 21.59 |
| 29.0 | 0758 | 7.0 | | | 0.56 | 2.9 | | 6.8 | 7.2 | 94 | | | 0.02 | 14 | | 30.54 | 19.04 | 21.60 |
| 29.0 | 0758 | 8.0 | | | 0.58 | 3.0 | | 6.7 | 7.2 | 93 | | | 0.02 | 14 | | 30.55 | 18.96 | 21.63 |
| 29.0 | 0758 | 9.0 | | | 0.58 | 3.0 | | 6.7 | 7.2 | 93 | | | 0.02 | 15 | | 30.58 | 18.81 | 21.69 |
| 29.0 | 0758 | 10.0 | | | 0.57 | 2.9 | | 6.8 | 7.2 | 93 | | | 0.02 | 16 | | 30.59 | 18.73 | 21.72 |
| 29.0 | 0758 | 11.0 | | | 0.56 | 2.9 | | 6.8 | 7.2 | 93 | | | 0.03 | 17 | | 30.60 | 18.70 | 21.74 |
| 29.0 | 0758 | 12.0 | | | 0.55 | 2.9 | | 6.7 | 7.2 | 93 | | | 0.03 | 18 | | 30.61 | 18.63 | 21.76 |
| 29.0 | 0758 | 13.0 | | | 0.55 | 2.9 | | 6.8 | 7.2 | 93 | | | 0.03 | 20 | | 30.63 | 18.55 | 21.80 |
| 29.0 | 0758 | 14.0 | | | 0.56 | 2.9 | | 6.8 | 7.2 | 93 | | | 0.03 | 20 | | 30.62 | 18.56 | 21.79 |
| 27.0 | 0821 | 1.0 | | | 0.46 | 2.7 | | 6.7 | 7.2 | 94 | | | 0.02 | 13 | 1.4 | 30.50 | 19.48 | 21.47 |
| 27.0 | 0821 | 2.0 | | 2.7 | 0.63 | 2.6 | | 6.7 | 7.2 | 94 | | 15.5 | 0.02 | 12 | | 30.51 | 19.48 | 21.47 |
| 27.0 | 0821 | 3.0 | | | 0.45 | 2.6 | | 6.7 | 7.2 | 94 | | | 0.02 | 13 | | 30.51 | 19.48 | 21.47 |
| 27.0 | 0821 | 4.0 | | | 0.45 | 2.6 | | 6.8 | 7.2 | 94 | | | 0.02 | 12 | | 30.51 | 19.48 | 21.47 |
| 27.0 | 0821 | 5.0 | | | 0.45 | 2.6 | | 6.8 | 7.2 | 94 | | | 0.02 | 12 | | 30.51 | 19.49 | 21.47 |
| 27.0 | 0821 | 6.0 | | | 0.46 | 2.7 | | 6.8 | 7.2 | 94 | | | 0.01 | 12 | | 30.50 | 19.49 | 21.47 |
| 27.0 | 0821 | 7.0 | | | 0.47 | 2.7 | | 6.8 | 7.2 | 94 | | | 0.02 | 12 | | 30.51 | 19.49 | 21.47 |
| 27.0 | 0821 | 8.0 | | | 0.46 | 2.7 | | 6.8 | 7.2 | 94 | | | 0.02 | 13 | | 30.51 | 19.49 | 21.47 |
| 27.0 | 0821 | 9.0 | | | 0.47 | 2.7 | | 6.8 | 7.2 | 94 | | | 0.03 | 19 | | 30.51 | 19.51 | 21.47 |
| 27.0 | 0821 | 10.0 | | | 0.48 | 2.7 | | 6.7 | 7.2 | 94 | | | 0.04 | 27 | | 30.52 | 19.53 | 21.47 |
| 27.0 | 0821 | 11.0 | | | 0.48 | 2.7 | | 6.7 | 7.2 | 94 | | | 0.05 | 31 | | 30.52 | 19.53 | 21.47 |
| 27.0 | 0821 | 12.0 | | 3.0 | 0.27 | 2.7 | | 6.7 | 7.2 | 94 | | | 0.06 | 36 | | 30.52 | 19.54 | 21.47 |
| 25.0 | 0846 | 1.0 | | | 0.32 | 2.3 | | 6.6 | 7.2 | 95 | | | 0.02 | 15 | 1.9 | 30.70 | 19.74 | 21.56 |
| 25.0 | 0846 | 2.0 | | | 0.33 | 2.3 | | 6.6 | 7.2 | 95 | | | 0.02 | 14 | | 30.70 | 19.72 | 21.56 |
| 25.0 | 0846 | 3.0 | | | 0.32 | 2.3 | | 6.6 | 7.2 | 95 | | | 0.02 | 14 | | 30.70 | 19.73 | 21.56 |
| 25.0 | 0846 | 4.0 | | | 0.32 | 2.3 | | 6.6 | 7.2 | 95 | | | 0.02 | 14 | | 30.70 | 19.73 | 21.55 |
| 25.0 | 0846 | 5.0 | | | 0.32 | 2.3 | | 6.7 | 7.2 | 95 | | | 0.02 | 15 | | 30.70 | 19.74 | 21.56 |
| 25.0 | 0846 | 6.0 | | | 0.32 | 2.3 | | 6.6 | 7.2 | 95 | | | 0.02 | 15 | | 30.72 | 19.76 | 21.56 |
| 25.0 | 0846 | 7.0 | | | 0.33 | 2.3 | | 6.6 | 7.2 | 95 | | | 0.03 | 18 | | 30.72 | 19.76 | 21.57 |
| 25.0 | 0846 | 8.0 | | | 0.33 | 2.3 | | 6.6 | 7.2 | 95 | | | 0.03 | 21 | | 30.72 | 19.76 | 21.57 |
| 24.0 | 0909 | 1.0 | | | 0.33 | 2.3 | | 6.8 | 7.2 | 94 | | | 0.01 | 8 | 1.2 | 30.83 | 19.48 | 21.72 |
| 24.0 | 0909 | 2.0 | | 2.3 | 0.69 | 2.3 | 7.2 | 6.8 | 7.2 | 94 | | 6.5 | 0.01 | 8 | | 30.83 | 19.48 | 21.72 |

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 24.0 | 0909 | 3.0 | | | 0.34 | 2.3 | | 6.8 | 7.2 | 94 | 0.01 | 10 | | 30.82 | 19.48 | 21.71 |
| 24.0 | 0909 | 4.0 | | | 0.33 | 2.3 | | 6.7 | 7.2 | 94 | 0.01 | 8 | | 30.84 | 19.48 | 21.73 |
| 24.0 | 0909 | 5.0 | | | 0.31 | 2.3 | | 6.7 | 7.2 | 94 | 0.01 | 7 | | 30.88 | 19.45 | 21.76 |
| 24.0 | 0909 | 6.0 | | | 0.30 | 2.2 | | 6.7 | 7.2 | 94 | 0.01 | 8 | | 30.90 | 19.43 | 21.78 |
| 24.0 | 0909 | 7.0 | | | 0.30 | 2.2 | | 6.7 | 7.2 | 94 | 0.01 | 10 | | 30.90 | 19.43 | 21.78 |
| 24.0 | 0909 | 8.0 | | | 0.30 | 2.2 | | 6.7 | 7.2 | 94 | 0.01 | 10 | | 30.90 | 19.43 | 21.78 |
| 24.0 | 0909 | 9.0 | | | 0.30 | 2.2 | | 6.7 | 7.2 | 94 | 0.01 | 10 | | 30.90 | 19.43 | 21.78 |
| 24.0 | 0909 | 10.0 | 2.2 | 0.63 | 0.30 | 2.2 | | 6.7 | 7.2 | 94 | 0.01 | 10 | | 30.91 | 19.42 | 21.79 |
| 22.0 | 0938 | 1.0 | | | 0.33 | 2.3 | | 6.6 | 7.2 | 93 | 0.00 | 4 | 1.0 | 31.01 | 18.96 | 21.99 |
| 22.0 | 0938 | 2.0 | | | 0.33 | 2.3 | | 6.6 | 7.2 | 93 | 0.00 | 4 | | 31.01 | 18.95 | 21.99 |
| 22.0 | 0938 | 3.0 | | | 0.32 | 2.3 | | 6.6 | 7.2 | 93 | 0.00 | 5 | | 31.01 | 18.95 | 21.99 |
| 22.0 | 0938 | 4.0 | | | 0.31 | 2.3 | | 6.6 | 7.2 | 93 | 0.00 | 5 | | 31.02 | 18.93 | 22.00 |
| 22.0 | 0938 | 5.0 | | | 0.30 | 2.3 | | 6.6 | 7.2 | 93 | 0.00 | 5 | | 31.04 | 18.90 | 22.02 |
| 22.0 | 0938 | 6.0 | | | 0.30 | 2.2 | | 6.6 | 7.2 | 93 | 0.00 | 4 | | 31.04 | 18.90 | 22.02 |
| 22.0 | 0938 | 7.0 | | | 0.29 | 2.2 | | 6.5 | 7.2 | 93 | 0.00 | 4 | | 31.05 | 18.86 | 22.04 |
| 22.0 | 0938 | 8.0 | | | 0.29 | 2.2 | | 6.5 | 7.2 | 93 | 0.00 | 4 | | 31.07 | 18.80 | 22.07 |
| 22.0 | 0938 | 9.0 | | | 0.29 | 2.2 | | 6.6 | 7.2 | 93 | 0.00 | 4 | | 31.08 | 18.76 | 22.09 |
| 22.0 | 0938 | 10.0 | | | 0.29 | 2.2 | | 6.6 | 7.2 | 93 | 0.00 | 5 | | 31.08 | 18.76 | 22.09 |
| 22.0 | 0938 | 11.0 | | | 0.29 | 2.2 | | 6.6 | 7.2 | 93 | 0.00 | 5 | | 31.08 | 18.75 | 22.09 |
| 22.0 | 0938 | 12.0 | | | 0.29 | 2.2 | | 6.6 | 7.2 | 93 | 0.00 | 5 | | 31.09 | 18.74 | 22.10 |
| 22.0 | 0938 | 13.0 | | | 0.30 | 2.2 | | 6.6 | 7.2 | 93 | 0.00 | 5 | | 31.09 | 18.74 | 22.10 |
| 22.0 | 0938 | 14.0 | | | 0.30 | 2.2 | | 6.6 | 7.2 | 93 | 0.00 | 5 | | 31.09 | 18.74 | 22.10 |
| 22.0 | 0938 | 15.0 | | | 0.30 | 2.2 | | 6.6 | 7.2 | 93 | 0.00 | 6 | | 31.09 | 18.72 | 22.11 |
| 22.0 | 0938 | 16.0 | | | 0.31 | 2.3 | | 6.6 | 7.2 | 93 | 0.00 | 5 | | 31.10 | 18.71 | 22.11 |
| 22.0 | 0938 | 17.0 | | | 0.31 | 2.3 | | 6.5 | 7.2 | 93 | 0.00 | 6 | | 31.10 | 18.71 | 22.12 |
| 22.0 | 0938 | 18.0 | | | 0.31 | 2.3 | | 6.5 | 7.2 | 93 | 0.00 | 6 | | 31.10 | 18.70 | 22.12 |
| 21.0 | 0952 | 1.0 | | | 0.39 | 2.5 | | 6.8 | 7.2 | 93 | 0.00 | 5 | 0.9 | 30.97 | 18.84 | 21.99 |
| 21.0 | 0952 | 2.0 | 2.3 | 0.67 | 0.39 | 2.5 | 7.2 | 6.8 | 7.2 | 93 | 0.00 | 5 | | 30.97 | 18.84 | 21.99 |
| 21.0 | 0952 | 3.0 | | | 0.39 | 2.5 | | 6.8 | 7.2 | 93 | 0.00 | 4 | | 30.97 | 18.84 | 21.99 |
| 21.0 | 0952 | 4.0 | | | 0.39 | 2.5 | | 6.8 | 7.2 | 93 | 0.00 | 5 | | 30.97 | 18.84 | 21.99 |
| 21.0 | 0952 | 5.0 | | | 0.38 | 2.4 | | 6.7 | 7.2 | 93 | 0.00 | 5 | | 30.98 | 18.83 | 21.99 |
| 21.0 | 0952 | 6.0 | | | 0.34 | 2.4 | | 6.7 | 7.2 | 93 | 0.00 | 4 | | 30.99 | 18.80 | 22.01 |
| 21.0 | 0952 | 7.0 | | | 0.32 | 2.3 | | 6.7 | 7.2 | 93 | 0.00 | 5 | | 30.99 | 18.77 | 22.02 |
| 21.0 | 0952 | 8.0 | | | 0.31 | 2.3 | | 6.7 | 7.2 | 93 | 0.00 | 5 | | 31.00 | 18.74 | 22.03 |
| 21.0 | 0952 | 9.0 | | | 0.31 | 2.3 | | 6.7 | 7.2 | 93 | 0.00 | 5 | | 31.01 | 18.72 | 22.04 |
| 21.0 | 0952 | 10.0 | | | 0.31 | 2.3 | | 6.6 | 7.2 | 93 | 0.00 | 5 | | 31.04 | 18.68 | 22.08 |
| 21.0 | 0952 | 11.0 | | | 0.31 | 2.3 | | 6.6 | 7.2 | 93 | 0.00 | 5 | | 31.08 | 18.60 | 22.13 |
| 21.0 | 0952 | 12.0 | | | 0.30 | 2.3 | | 6.6 | 7.2 | 93 | 0.00 | 6 | | 31.11 | 18.56 | 22.16 |
| 21.0 | 0952 | 13.0 | | | 0.31 | 2.3 | | 6.6 | 7.2 | 93 | 0.01 | 7 | | 31.12 | 18.53 | 22.17 |
| 21.0 | 0952 | 14.0 | | | 0.30 | 2.3 | | 6.6 | 7.2 | 93 | 0.01 | 8 | | 31.12 | 18.53 | 22.18 |
| 21.0 | 0952 | 15.0 | | | 0.31 | 2.3 | | 6.6 | 7.2 | 93 | 0.01 | 8 | | 31.12 | 18.52 | 22.18 |

| South San Francisco Bay | | | | | | | | | | October 7, 1997 | | | | 97280 | | | |
|-----------------------------------------------------------------------------------|------|-------|-------|------|--------------|-------|-------|------|-------|-----------------|-------|---------|--------|-----------|-------|-------|-----|
| STN | TIME | DEPTH | DISCR | | CHL a/ a+PHA | FLUOR | CALC | | DISCR | % OXY | DISCR | OBS | EXCOF | SALIN | TEMP | SIGT | |
| | | | CHL a | OXYG | | | CHL a | OXYG | | | | | | | | | SPM |
| 21.0 | 0952 | 16.0 | | | 0.32 | 2.3 | 6.6 | 7.2 | 93 | | 0.01 | 9 | | 31.13 | 18.51 | 22.19 | |
| 21.0 | 0952 | 17.0 | 2.5 | 0.46 | 0.31 | 2.3 | 6.6 | 7.2 | 93 | | 0.01 | 10 | | 31.13 | 18.50 | 22.19 | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | n | r^2 | Slope | Inter. | Std. Err. | | | |
| Fluorometer Calibration: | | | | | | | | | | 10 | 0.798 | 2.614 | 1.457 | 0.203 | | | |
| OBS Calibration: | | | | | | | | | | 6 | 0.962 | 534.878 | 3.642 | 2.705 | | | |
| Dissolved Oxygen Calibration: | | | | | | | | | | 5 | 0.123 | 0.131 | 6.323 | 0.020 | | | |
| OBS sensor sensitivity was decreased and calibration changed from previous dates. | | | | | | | | | | | | | | | | | |
| SeaBird v4.026 | | | | | | | | | | | | | | | | | |

97310

November 6, 1997

North San Francisco Bay

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|-------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-------------|-------|-------|-------|------|
| 657.0 | 0615 | 1.0 | | | 0.23 | 1.7 | | 8.9 | 8.7 | 90 | | 0.10 | 17 | | 0.08 | 16.39 | 0.00 |
| 657.0 | 0615 | 2.0 | 1.6 | 0.59 | 0.23 | 1.7 | 8.7 | 8.9 | 8.7 | 90 | 16.8 | 0.10 | 16 | | 0.08 | 16.40 | 0.00 |
| 657.0 | 0615 | 3.0 | | | 0.23 | 1.7 | | 8.9 | 8.8 | 90 | | 0.10 | 17 | | 0.08 | 16.40 | 0.00 |
| 657.0 | 0615 | 4.0 | | | 0.24 | 1.8 | | 8.9 | 8.8 | 90 | | 0.10 | 17 | | 0.08 | 16.41 | 0.00 |
| 657.0 | 0615 | 5.0 | | | 0.24 | 1.8 | | 8.9 | 8.8 | 90 | | 0.10 | 17 | | 0.08 | 16.41 | 0.00 |
| 657.0 | 0615 | 6.0 | | | 0.24 | 1.8 | | 9.0 | 8.8 | 90 | | 0.11 | 18 | | 0.08 | 16.41 | 0.00 |
| 657.0 | 0615 | 7.0 | | | 0.24 | 1.8 | | 8.9 | 8.8 | 90 | | 0.10 | 18 | | 0.08 | 16.41 | 0.00 |
| 657.0 | 0615 | 8.0 | | | 0.24 | 1.8 | | 9.0 | 8.8 | 90 | | 0.10 | 18 | | 0.08 | 16.42 | 0.00 |
| 657.0 | 0615 | 9.0 | | | 0.24 | 1.8 | | 9.0 | 8.8 | 90 | | 0.11 | 18 | | 0.08 | 16.42 | 0.00 |
| 657.0 | 0615 | 10.0 | | | 0.24 | 1.8 | | 9.0 | 8.8 | 90 | | 0.11 | 19 | | 0.08 | 16.42 | 0.00 |
| 657.0 | 0615 | 11.0 | | | 0.24 | 1.8 | | 9.0 | 8.8 | 90 | | 0.11 | 19 | | 0.08 | 16.42 | 0.00 |
| 657.0 | 0615 | 12.0 | 2.0 | 0.74 | 0.24 | 1.8 | | 9.0 | 8.8 | 90 | | 0.12 | 20 | | 0.08 | 16.42 | 0.00 |
| 649.0 | 0721 | 1.0 | | | 0.28 | 2.1 | | 8.9 | 8.8 | 94 | | 0.16 | 27 | 2.1 | 4.03 | 17.15 | 1.84 |
| 649.0 | 0721 | 2.0 | 2.0 | 0.59 | 0.28 | 2.1 | 8.9 | 9.0 | 8.8 | 94 | 26.7 | 0.16 | 27 | | 4.04 | 17.16 | 1.84 |
| 649.0 | 0721 | 3.0 | | | 0.27 | 2.1 | | 9.0 | 8.8 | 94 | | 0.18 | 30 | | 4.03 | 17.16 | 1.84 |
| 649.0 | 0721 | 4.0 | | | 0.27 | 2.1 | | 9.0 | 8.8 | 94 | | 0.18 | 31 | | 4.05 | 17.17 | 1.85 |
| 649.0 | 0721 | 5.0 | | | 0.27 | 2.1 | | 9.0 | 8.8 | 94 | | 0.19 | 31 | | 4.06 | 17.17 | 1.86 |
| 649.0 | 0721 | 6.0 | | | 0.28 | 2.1 | | 9.0 | 8.8 | 94 | | 0.19 | 32 | | 4.06 | 17.17 | 1.86 |
| 649.0 | 0721 | 7.0 | | | 0.28 | 2.2 | | 9.0 | 8.8 | 94 | | 0.19 | 33 | | 4.08 | 17.18 | 1.87 |
| 649.0 | 0721 | 8.0 | | | 0.28 | 2.2 | | 9.0 | 8.8 | 94 | | 0.19 | 32 | | 4.09 | 17.18 | 1.88 |
| 649.0 | 0721 | 9.0 | | | 0.28 | 2.2 | | 9.0 | 8.8 | 94 | | 0.19 | 32 | | 4.13 | 17.19 | 1.90 |
| 649.0 | 0721 | 10.0 | | | 0.29 | 2.3 | | 9.0 | 8.9 | 95 | | 0.19 | 31 | | 4.13 | 17.19 | 1.91 |
| 649.0 | 0721 | 11.0 | | | 0.29 | 2.3 | | 9.0 | 8.8 | 94 | | 0.19 | 31 | | 4.14 | 17.19 | 1.91 |
| 649.0 | 0721 | 12.0 | 2.5 | 0.52 | 0.29 | 2.3 | | 9.0 | 8.9 | 95 | | 0.18 | 31 | | 4.15 | 17.20 | 1.92 |
| 2.0 | 0750 | 1.0 | | | 0.26 | 2.0 | | 8.8 | 8.7 | 94 | | 0.09 | 16 | 1.6 | 6.72 | 17.22 | 3.88 |
| 2.0 | 0750 | 2.0 | | | 0.26 | 2.0 | | 8.8 | 8.7 | 95 | | 0.11 | 18 | | 6.78 | 17.24 | 3.92 |
| 2.0 | 0750 | 3.0 | | | 0.26 | 2.0 | | 8.9 | 8.7 | 95 | | 0.12 | 20 | | 6.78 | 17.24 | 3.92 |
| 2.0 | 0750 | 4.0 | | | 0.26 | 2.0 | | 8.9 | 8.7 | 95 | | 0.12 | 20 | | 6.79 | 17.25 | 3.93 |
| 2.0 | 0750 | 5.0 | | | 0.27 | 2.0 | | 8.9 | 8.7 | 95 | | 0.12 | 20 | | 6.80 | 17.25 | 3.93 |
| 2.0 | 0750 | 6.0 | | | 0.27 | 2.1 | | 8.9 | 8.7 | 95 | | 0.13 | 21 | | 6.82 | 17.25 | 3.94 |
| 2.0 | 0750 | 7.0 | | | 0.27 | 2.1 | | 8.9 | 8.7 | 95 | | 0.13 | 22 | | 6.82 | 17.25 | 3.95 |
| 2.0 | 0750 | 8.0 | | | 0.28 | 2.1 | | 8.9 | 8.7 | 95 | | 0.13 | 22 | | 6.83 | 17.26 | 3.95 |
| 2.0 | 0750 | 9.0 | | | 0.27 | 2.1 | | 8.9 | 8.7 | 95 | | 0.14 | 23 | | 6.84 | 17.26 | 3.96 |
| 2.0 | 0750 | 10.0 | | | 0.28 | 2.2 | | 8.9 | 8.8 | 95 | | 0.14 | 24 | | 6.84 | 17.26 | 3.96 |
| 2.0 | 0750 | 11.0 | | | 0.28 | 2.2 | | 8.9 | 8.8 | 95 | | 0.15 | 25 | | 6.84 | 17.26 | 3.96 |
| 2.0 | 0750 | 12.0 | | | 0.27 | 2.1 | | 8.9 | 8.8 | 95 | | 0.15 | 25 | | 6.84 | 17.26 | 3.96 |
| 2.0 | 0750 | 13.0 | | | 0.28 | 2.1 | | 8.9 | 8.8 | 95 | | 0.15 | 25 | | 6.84 | 17.26 | 3.96 |
| 2.0 | 0750 | 14.0 | | | 0.28 | 2.2 | | 8.9 | 8.8 | 95 | | 0.15 | 26 | | 6.84 | 17.26 | 3.96 |
| 5.0 | 0904 | 1.0 | | | 0.25 | 1.9 | | 8.5 | 8.4 | 94 | | 0.14 | 23 | 2.0 | 12.07 | 17.00 | 7.99 |
| 5.0 | 0904 | 2.0 | | | 0.25 | 1.9 | | 8.6 | 8.5 | 94 | | 0.14 | 23 | | 11.97 | 16.98 | 7.92 |

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North San Francisco Bay

| STN | TIME | DEPTH | DISCR | CHL a/ a+PHA | FLUOR | CALC | DISCR | OXYG | CALC | % OXY | DISCR | OBS | CALC | EXCOF | SALIN | TEMP | SIGT |
|-----|------|-------|-------|-----------------|-------|-------|-------|------|------|-------|-------|------|------|-------|-------|-------|-------|
| | | | CHL a | | | CHL a | OXYG | OXYG | OXYG | SAT | SPM | | SPM | | | | |
| 5.0 | 0904 | 3.0 | | | 0.25 | 1.9 | | 8.5 | 8.4 | 94 | | 0.14 | 23 | | 11.93 | 16.98 | 7.89 |
| 5.0 | 0904 | 4.0 | | | 0.25 | 1.8 | | 8.5 | 8.4 | 94 | | 0.14 | 23 | | 12.19 | 17.01 | 8.08 |
| 5.0 | 0904 | 5.0 | | | 0.23 | 1.7 | | 8.5 | 8.4 | 95 | | 0.14 | 23 | | 12.92 | 17.13 | 8.62 |
| 5.0 | 0904 | 6.0 | | | 0.23 | 1.7 | | 8.5 | 8.4 | 95 | | 0.15 | 25 | | 13.33 | 17.20 | 8.91 |
| 5.0 | 0904 | 7.0 | | | 0.24 | 1.8 | | 8.5 | 8.4 | 95 | | 0.17 | 29 | | 13.34 | 17.20 | 8.92 |
| 5.0 | 0904 | 8.0 | | | 0.24 | 1.8 | | 8.4 | 8.3 | 94 | | 0.19 | 32 | | 13.35 | 17.20 | 8.93 |
| 5.0 | 0904 | 9.0 | | | 0.24 | 1.8 | | 8.4 | 8.3 | 94 | | 0.18 | 30 | | 13.36 | 17.19 | 8.94 |
| 5.0 | 0904 | 10.0 | | | 0.24 | 1.8 | | 8.4 | 8.3 | 94 | | 0.18 | 30 | | 13.37 | 17.19 | 8.95 |
| 5.0 | 0904 | 11.0 | | | 0.24 | 1.8 | | 8.4 | 8.3 | 94 | | 0.18 | 30 | | 13.37 | 17.19 | 8.95 |
| 5.0 | 0904 | 12.0 | | | 0.25 | 1.8 | | 8.4 | 8.3 | 94 | | 0.18 | 30 | | 13.37 | 17.19 | 8.95 |
| 6.0 | 0931 | 1.0 | | | 0.23 | 1.7 | | 8.3 | 8.2 | 93 | | 0.12 | 21 | 1.8 | 14.51 | 17.19 | 9.82 |
| 6.0 | 0931 | 2.0 | | | 0.23 | 1.7 | 8.2 | 8.3 | 8.2 | 94 | 21.3 | 0.12 | 21 | | 14.38 | 17.18 | 9.72 |
| 6.0 | 0931 | 3.0 | 1.6 | 0.74 | 0.23 | 1.7 | | 8.3 | 8.3 | 94 | | 0.13 | 21 | | 14.39 | 17.18 | 9.73 |
| 6.0 | 0931 | 4.0 | | | 0.22 | 1.6 | | 8.3 | 8.2 | 94 | | 0.13 | 21 | | 14.55 | 17.19 | 9.85 |
| 6.0 | 0931 | 5.0 | | | 0.21 | 1.5 | | 8.2 | 8.1 | 93 | | 0.12 | 21 | | 15.23 | 17.22 | 10.36 |
| 6.0 | 0931 | 6.0 | | | 0.21 | 1.5 | | 8.2 | 8.1 | 93 | | 0.13 | 22 | | 15.44 | 17.20 | 10.52 |
| 6.0 | 0931 | 7.0 | | | 0.21 | 1.5 | | 8.2 | 8.1 | 93 | | 0.14 | 23 | | 15.57 | 17.19 | 10.62 |
| 6.0 | 0931 | 8.0 | | | 0.23 | 1.7 | | 8.2 | 8.1 | 93 | | 0.14 | 24 | | 15.67 | 17.21 | 10.70 |
| 6.0 | 0931 | 9.0 | | | 0.23 | 1.7 | | 8.2 | 8.1 | 93 | | 0.15 | 26 | | 15.80 | 17.22 | 10.79 |
| 6.0 | 0931 | 10.0 | | | 0.22 | 1.6 | | 8.2 | 8.1 | 93 | | 0.17 | 28 | | 15.86 | 17.23 | 10.84 |
| 6.0 | 0931 | 11.0 | | | 0.22 | 1.6 | | 8.1 | 8.1 | 93 | | 0.18 | 30 | | 16.14 | 17.23 | 11.05 |
| 6.0 | 0931 | 12.0 | 1.3 | 0.61 | 0.22 | 1.6 | | 8.2 | 8.1 | 93 | | 0.19 | 32 | | 16.21 | 17.23 | 11.10 |
| 7.0 | 0954 | 1.0 | | | 0.23 | 1.7 | | 8.0 | 8.0 | 93 | | 0.09 | 15 | 1.4 | 17.66 | 17.22 | 12.21 |
| 7.0 | 0954 | 2.0 | | | 0.21 | 1.5 | | 8.0 | 8.0 | 93 | | 0.09 | 15 | | 18.06 | 17.21 | 12.52 |
| 7.0 | 0954 | 3.0 | | | 0.20 | 1.4 | | 8.0 | 8.0 | 93 | | 0.09 | 15 | | 18.49 | 17.17 | 12.85 |
| 7.0 | 0954 | 4.0 | | | 0.19 | 1.3 | | 7.9 | 7.9 | 92 | | 0.09 | 16 | | 18.72 | 17.14 | 13.03 |
| 7.0 | 0954 | 5.0 | | | 0.18 | 1.2 | | 7.9 | 7.9 | 92 | | 0.10 | 17 | | 18.88 | 17.12 | 13.16 |
| 7.0 | 0954 | 6.0 | | | 0.18 | 1.2 | | 7.9 | 7.9 | 92 | | 0.10 | 17 | | 18.91 | 17.14 | 13.18 |
| 7.0 | 0954 | 7.0 | | | 0.18 | 1.2 | | 7.9 | 7.9 | 92 | | 0.11 | 18 | | 19.00 | 17.17 | 13.24 |
| 7.0 | 0954 | 8.0 | | | 0.18 | 1.2 | | 7.9 | 7.9 | 92 | | 0.11 | 19 | | 19.07 | 17.18 | 13.29 |
| 7.0 | 0954 | 9.0 | | | 0.18 | 1.3 | | 7.9 | 7.9 | 92 | | 0.12 | 20 | | 19.13 | 17.17 | 13.34 |
| 7.0 | 0954 | 10.0 | | | 0.19 | 1.3 | | 7.9 | 7.9 | 92 | | 0.12 | 21 | | 19.20 | 17.17 | 13.40 |
| 7.0 | 0954 | 11.0 | | | 0.19 | 1.3 | | 7.9 | 7.9 | 92 | | 0.13 | 22 | | 19.32 | 17.18 | 13.49 |
| 7.0 | 0954 | 12.0 | | | 0.19 | 1.3 | | 7.9 | 7.9 | 92 | | 0.13 | 22 | | 19.38 | 17.17 | 13.53 |
| 7.0 | 0954 | 13.0 | | | 0.19 | 1.3 | | 7.9 | 7.9 | 92 | | 0.13 | 23 | | 19.43 | 17.17 | 13.57 |
| 7.0 | 0954 | 14.0 | | | 0.19 | 1.3 | | 7.9 | 7.9 | 92 | | 0.14 | 24 | | 19.53 | 17.16 | 13.65 |
| 8.0 | 1018 | 1.0 | | | 0.27 | 2.1 | | 8.1 | 8.0 | 94 | | 0.06 | 11 | 1.1 | 18.80 | 17.14 | 13.10 |
| 8.0 | 1018 | 2.0 | | | 0.25 | 1.9 | | 8.1 | 8.0 | 94 | | 0.06 | 11 | | 19.16 | 17.11 | 13.37 |
| 8.0 | 1018 | 3.0 | | | 0.21 | 1.5 | | 8.0 | 8.0 | 94 | | 0.06 | 11 | | 19.95 | 17.07 | 13.98 |
| 8.0 | 1018 | 4.0 | | | 0.18 | 1.2 | | 7.9 | 7.9 | 93 | | 0.07 | 12 | | 20.37 | 17.07 | 14.31 |

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| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 8.0 | 1018 | 5.0 | | | 0.17 | 1.1 | | 7.9 | 7.8 | 92 | | 0.07 | 12 | | 20.73 | 17.09 | 14.58 |
| 8.0 | 1018 | 6.0 | | | 0.17 | 1.1 | | 7.8 | 7.8 | 92 | | 0.07 | 12 | | 21.03 | 17.09 | 14.80 |
| 8.0 | 1018 | 7.0 | | | 0.17 | 1.1 | | 7.8 | 7.8 | 92 | | 0.08 | 13 | | 21.36 | 17.09 | 15.06 |
| 8.0 | 1018 | 8.0 | | | 0.17 | 1.1 | | 7.8 | 7.8 | 92 | | 0.08 | 14 | | 21.74 | 17.08 | 15.35 |
| 8.0 | 1018 | 9.0 | | | 0.17 | 1.1 | | 7.8 | 7.8 | 92 | | 0.08 | 13 | | 21.96 | 17.07 | 15.52 |
| 8.0 | 1018 | 10.0 | | | 0.17 | 1.1 | | 7.8 | 7.8 | 92 | | 0.07 | 13 | | 22.01 | 17.06 | 15.56 |
| 8.0 | 1018 | 11.0 | | | 0.17 | 1.2 | | 7.8 | 7.7 | 92 | | 0.07 | 13 | | 22.13 | 17.06 | 15.65 |
| 8.0 | 1018 | 12.0 | | | 0.17 | 1.2 | | 7.8 | 7.7 | 92 | | 0.07 | 13 | | 22.31 | 17.05 | 15.79 |
| 8.0 | 1018 | 13.0 | | | 0.18 | 1.2 | | 7.8 | 7.7 | 92 | | 0.07 | 12 | | 22.45 | 17.05 | 15.90 |
| 8.0 | 1018 | 14.0 | | | 0.18 | 1.2 | | 7.7 | 7.7 | 92 | | 0.07 | 13 | | 22.52 | 17.05 | 15.96 |
| 8.0 | 1018 | 15.0 | | | 0.18 | 1.2 | | 7.7 | 7.7 | 92 | | 0.08 | 14 | | 22.56 | 17.05 | 15.98 |
| 9.0 | 1039 | 1.0 | | | 0.22 | 1.6 | | 8.0 | 8.0 | 93 | | 0.07 | 12 | 1.3 | 19.12 | 17.18 | 13.33 |
| 9.0 | 1039 | 2.0 | 1.4 | 0.73 | 0.21 | 1.5 | 7.9 | 8.0 | 8.0 | 94 | 11.9 | 0.07 | 12 | | 19.80 | 17.18 | 13.85 |
| 9.0 | 1039 | 3.0 | | | 0.20 | 1.4 | | 8.0 | 8.0 | 94 | | 0.07 | 12 | | 20.03 | 17.17 | 14.03 |
| 9.0 | 1039 | 4.0 | | | 0.19 | 1.3 | | 7.9 | 7.9 | 93 | | 0.07 | 13 | | 20.53 | 17.12 | 14.42 |
| 9.0 | 1039 | 5.0 | | | 0.18 | 1.2 | | 7.9 | 7.8 | 93 | | 0.07 | 12 | | 21.14 | 17.11 | 14.89 |
| 9.0 | 1039 | 6.0 | | | 0.17 | 1.1 | | 7.8 | 7.8 | 92 | | 0.07 | 12 | | 21.44 | 17.10 | 15.12 |
| 9.0 | 1039 | 7.0 | | | 0.17 | 1.1 | | 7.8 | 7.8 | 92 | | 0.07 | 12 | | 21.51 | 17.10 | 15.17 |
| 9.0 | 1039 | 8.0 | | | 0.17 | 1.1 | | 7.8 | 7.8 | 92 | | 0.07 | 12 | | 21.75 | 17.08 | 15.36 |
| 9.0 | 1039 | 9.0 | | | 0.17 | 1.1 | | 7.8 | 7.8 | 92 | | 0.07 | 12 | | 22.10 | 17.06 | 15.63 |
| 9.0 | 1039 | 10.0 | | | 0.17 | 1.2 | | 7.8 | 7.8 | 92 | | 0.07 | 12 | | 22.13 | 17.06 | 15.65 |
| 9.0 | 1039 | 11.0 | | | 0.17 | 1.2 | | 7.8 | 7.7 | 92 | | 0.07 | 12 | | 22.21 | 17.07 | 15.71 |
| 9.0 | 1039 | 12.0 | | | 0.17 | 1.1 | | 7.8 | 7.7 | 92 | | 0.07 | 13 | | 22.41 | 17.07 | 15.86 |
| 9.0 | 1039 | 13.0 | | | 0.17 | 1.1 | | 7.7 | 7.7 | 92 | | 0.08 | 13 | | 22.54 | 17.07 | 15.96 |
| 9.0 | 1039 | 14.0 | | | 0.17 | 1.1 | | 7.7 | 7.7 | 92 | | 0.08 | 14 | | 22.64 | 17.07 | 16.03 |
| 9.0 | 1039 | 15.0 | | | 0.17 | 1.1 | | 7.7 | 7.7 | 92 | | 0.08 | 14 | | 22.67 | 17.07 | 16.07 |
| 9.0 | 1039 | 16.0 | | | 0.17 | 1.1 | | 7.7 | 7.7 | 92 | | 0.08 | 14 | | 22.73 | 17.08 | 16.10 |
| 9.0 | 1039 | 17.0 | | | 0.18 | 1.2 | | 7.7 | 7.7 | 92 | | 0.08 | 14 | | 22.84 | 17.08 | 16.19 |
| 9.0 | 1039 | 18.0 | | | 0.18 | 1.2 | | 7.7 | 7.7 | 92 | | 0.08 | 14 | | 22.92 | 17.07 | 16.25 |
| 9.0 | 1039 | 19.0 | | | 0.18 | 1.2 | | 7.7 | 7.7 | 92 | | 0.08 | 15 | | 22.97 | 17.07 | 16.29 |
| 9.0 | 1039 | 20.0 | | | 0.18 | 1.2 | | 7.7 | 7.7 | 92 | | 0.09 | 16 | | 23.13 | 17.07 | 16.42 |
| 9.0 | 1039 | 21.0 | | | 0.18 | 1.2 | | 7.7 | 7.7 | 92 | | 0.10 | 18 | | 23.37 | 17.07 | 16.59 |
| 9.0 | 1039 | 22.0 | | | 0.18 | 1.2 | | 7.7 | 7.7 | 92 | | 0.12 | 21 | | 23.65 | 17.06 | 16.81 |
| 9.0 | 1039 | 23.0 | | | 0.18 | 1.2 | | 7.7 | 7.7 | 92 | | 0.14 | 23 | | 23.77 | 17.05 | 16.91 |
| 9.0 | 1039 | 24.0 | 1.1 | 0.77 | 0.18 | 1.2 | | 7.7 | 7.7 | 92 | | 0.13 | 22 | | 23.77 | 17.05 | 16.91 |
| 10.0 | 1051 | 1.0 | | | 0.19 | 1.3 | | 7.8 | 7.8 | 91 | | 0.06 | 11 | 1.3 | 20.34 | 17.11 | 14.28 |
| 10.0 | 1051 | 2.0 | | | 0.18 | 1.3 | | 7.8 | 7.8 | 91 | | 0.07 | 12 | | 20.85 | 17.10 | 14.67 |
| 10.0 | 1051 | 3.0 | | | 0.18 | 1.2 | | 7.7 | 7.7 | 91 | | 0.08 | 13 | | 22.23 | 17.06 | 15.73 |
| 10.0 | 1051 | 4.0 | | | 0.17 | 1.1 | | 7.7 | 7.7 | 91 | | 0.08 | 13 | | 22.87 | 17.03 | 16.22 |
| 10.0 | 1051 | 5.0 | | | 0.17 | 1.1 | | 7.6 | 7.6 | 91 | | 0.07 | 12 | | 23.02 | 17.04 | 16.33 |
| 10.0 | 1051 | 6.0 | | | 0.17 | 1.2 | | 7.6 | 7.6 | 91 | | 0.06 | 10 | | 23.32 | 17.05 | 16.56 |

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| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 10.0 | 1051 | 7.0 | | | 0.18 | 1.2 | | 7.6 | 7.6 | | 0.06 | 10 | | 23.50 | 17.05 | 16.70 |
| 10.0 | 1051 | 8.0 | | | 0.17 | 1.2 | | 7.6 | 7.6 | | 0.06 | 10 | | 23.57 | 17.02 | 16.76 |
| 10.0 | 1051 | 9.0 | | | 0.17 | 1.2 | | 7.6 | 7.6 | | 0.06 | 11 | | 23.61 | 17.00 | 16.80 |
| 10.0 | 1051 | 10.0 | | | 0.18 | 1.2 | | 7.6 | 7.6 | | 0.07 | 12 | | 23.72 | 17.00 | 16.88 |
| 10.0 | 1051 | 11.0 | | | 0.18 | 1.2 | | 7.6 | 7.6 | | 0.08 | 14 | | 23.82 | 17.00 | 16.96 |
| 10.0 | 1051 | 12.0 | | | 0.19 | 1.3 | | 7.6 | 7.6 | | 0.09 | 15 | | 23.90 | 17.00 | 17.01 |
| 10.0 | 1051 | 13.0 | | | 0.19 | 1.3 | | 7.6 | 7.6 | | 0.08 | 15 | | 24.02 | 17.01 | 17.11 |
| 10.0 | 1051 | 14.0 | | | 0.19 | 1.3 | | 7.6 | 7.6 | | 0.08 | 14 | | 24.02 | 17.01 | 17.10 |
| 10.0 | 1051 | 15.0 | | | 0.19 | 1.3 | | 7.6 | 7.6 | | 0.08 | 13 | | 24.07 | 17.01 | 17.15 |
| 10.0 | 1051 | 16.0 | | | 0.19 | 1.3 | | 7.6 | 7.6 | | 0.06 | 11 | | 24.36 | 17.01 | 17.36 |
| 10.0 | 1051 | 17.0 | | | 0.19 | 1.3 | | 7.6 | 7.6 | | 0.06 | 11 | | 24.45 | 17.01 | 17.43 |
| 10.0 | 1051 | 18.0 | | | 0.19 | 1.3 | | 7.6 | 7.6 | | 0.06 | 11 | | 24.59 | 17.03 | 17.54 |
| 10.0 | 1051 | 19.0 | | | 0.19 | 1.3 | | 7.6 | 7.6 | | 0.06 | 11 | | 24.70 | 17.03 | 17.62 |
| 11.0 | 1111 | 1.0 | | | 0.21 | 1.5 | | 7.7 | 7.7 | | 0.05 | 9 | 1.0 | 23.81 | 17.00 | 16.95 |
| 11.0 | 1111 | 2.0 | | | 0.21 | 1.5 | | 7.7 | 7.7 | | 0.05 | 9 | | 23.87 | 16.99 | 16.99 |
| 11.0 | 1111 | 3.0 | | | 0.20 | 1.4 | | 7.7 | 7.7 | | 0.05 | 9 | | 24.39 | 16.98 | 17.39 |
| 11.0 | 1111 | 4.0 | | | 0.20 | 1.4 | | 7.7 | 7.7 | | 0.05 | 9 | | 24.63 | 16.97 | 17.58 |
| 11.0 | 1111 | 5.0 | | | 0.20 | 1.4 | | 7.6 | 7.6 | | 0.05 | 9 | | 24.81 | 16.97 | 17.72 |
| 11.0 | 1111 | 6.0 | | | 0.19 | 1.4 | | 7.6 | 7.6 | | 0.05 | 9 | | 24.91 | 16.97 | 17.80 |
| 11.0 | 1111 | 7.0 | | | 0.20 | 1.4 | | 7.6 | 7.6 | | 0.05 | 9 | | 24.99 | 16.97 | 17.85 |
| 11.0 | 1111 | 8.0 | | | 0.20 | 1.4 | | 7.6 | 7.6 | | 0.05 | 9 | | 25.03 | 16.97 | 17.89 |
| 11.0 | 1111 | 9.0 | | | 0.19 | 1.4 | | 7.6 | 7.6 | | 0.05 | 9 | | 25.06 | 16.98 | 17.91 |
| 11.0 | 1111 | 10.0 | | | 0.20 | 1.4 | | 7.6 | 7.6 | | 0.05 | 9 | | 25.11 | 16.98 | 17.95 |
| 11.0 | 1111 | 11.0 | | | 0.20 | 1.4 | | 7.6 | 7.6 | | 0.06 | 10 | | 25.26 | 16.99 | 18.06 |
| 11.0 | 1111 | 12.0 | | | 0.20 | 1.4 | | 7.6 | 7.6 | | 0.06 | 11 | | 25.43 | 17.00 | 18.18 |
| 11.0 | 1111 | 13.0 | | | 0.21 | 1.5 | | 7.6 | 7.6 | | 0.06 | 11 | | 25.69 | 17.01 | 18.38 |
| 11.0 | 1111 | 14.0 | | | 0.22 | 1.6 | | 7.6 | 7.6 | | 0.07 | 12 | | 25.81 | 17.01 | 18.48 |
| 11.0 | 1111 | 15.0 | | | 0.22 | 1.6 | | 7.6 | 7.6 | | 0.06 | 11 | | 25.89 | 17.01 | 18.54 |
| 11.0 | 1111 | 16.0 | | | 0.23 | 1.7 | | 7.6 | 7.6 | | 0.06 | 11 | | 25.91 | 17.01 | 18.55 |
| 11.0 | 1111 | 17.0 | | | 0.23 | 1.7 | | 7.6 | 7.6 | | 0.06 | 11 | | 25.92 | 17.01 | 18.55 |
| 12.0 | 1127 | 1.0 | | | 0.25 | 1.9 | | 7.7 | 7.7 | | 0.04 | 8 | 0.9 | 23.83 | 17.09 | 16.95 |
| 12.0 | 1127 | 2.0 | | | 0.24 | 1.8 | | 7.7 | 7.7 | | 0.04 | 8 | | 24.17 | 17.04 | 17.22 |
| 12.0 | 1127 | 3.0 | | | 0.23 | 1.7 | | 7.6 | 7.6 | | 0.05 | 8 | | 25.22 | 16.97 | 18.03 |
| 12.0 | 1127 | 4.0 | | | 0.22 | 1.7 | | 7.6 | 7.6 | | 0.04 | 8 | | 26.08 | 16.96 | 18.69 |
| 12.0 | 1127 | 5.0 | | | 0.22 | 1.6 | | 7.6 | 7.6 | | 0.04 | 8 | | 26.41 | 16.98 | 18.94 |
| 12.0 | 1127 | 6.0 | | | 0.22 | 1.6 | | 7.5 | 7.5 | | 0.04 | 7 | | 26.71 | 16.94 | 19.17 |
| 12.0 | 1127 | 7.0 | | | 0.21 | 1.5 | | 7.5 | 7.5 | | 0.04 | 7 | | 27.20 | 16.88 | 19.57 |
| 12.0 | 1127 | 8.0 | | | 0.21 | 1.5 | | 7.5 | 7.5 | | 0.04 | 7 | | 27.45 | 16.87 | 19.76 |
| 12.0 | 1127 | 9.0 | | | 0.20 | 1.4 | | 7.5 | 7.5 | | 0.04 | 7 | | 27.55 | 16.86 | 19.84 |
| 12.0 | 1127 | 10.0 | | | 0.20 | 1.4 | | 7.5 | 7.5 | | 0.04 | 8 | | 27.68 | 16.87 | 19.94 |

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North San Francisco Bay

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 13.0 | 1153 | 1.0 | | | 0.42 | 3.5 | | 7.9 | 7.9 | 96 | | 0.04 | 7 | 0.8 | 25.82 | 16.98 | 18.49 |
| 13.0 | 1153 | 2.0 | 4.1 | 0.95 | 0.42 | 3.5 | 8.0 | 7.9 | 7.9 | 96 | 6.5 | 0.04 | 6 | | 25.63 | 16.99 | 18.34 |
| 13.0 | 1153 | 3.0 | | | 0.38 | 3.1 | | 7.8 | 7.8 | 94 | | 0.04 | 6 | | 26.02 | 16.97 | 18.65 |
| 13.0 | 1153 | 4.0 | | | 0.31 | 2.5 | | 7.7 | 7.7 | 93 | | 0.04 | 6 | | 26.74 | 16.89 | 19.21 |
| 13.0 | 1153 | 5.0 | | | 0.26 | 2.0 | | 7.6 | 7.6 | 93 | | 0.04 | 7 | | 27.41 | 16.77 | 19.75 |
| 13.0 | 1153 | 6.0 | | | 0.23 | 1.7 | | 7.6 | 7.6 | 92 | | 0.04 | 7 | | 27.92 | 16.74 | 20.15 |
| 13.0 | 1153 | 7.0 | | | 0.22 | 1.6 | | 7.6 | 7.6 | 92 | | 0.04 | 7 | | 28.06 | 16.72 | 20.26 |
| 13.0 | 1153 | 8.0 | | | 0.21 | 1.5 | | 7.5 | 7.6 | 92 | | 0.04 | 7 | | 28.12 | 16.73 | 20.30 |
| 13.0 | 1153 | 9.0 | | | 0.21 | 1.5 | | 7.5 | 7.5 | 92 | | 0.04 | 7 | | 28.18 | 16.72 | 20.35 |
| 13.0 | 1153 | 10.0 | | | 0.21 | 1.5 | | 7.5 | 7.5 | 92 | | 0.04 | 8 | | 28.25 | 16.71 | 20.41 |
| 13.0 | 1153 | 11.0 | 1.3 | 0.77 | 0.21 | 1.5 | | 7.5 | 7.5 | 92 | | 0.04 | 8 | | 28.38 | 16.68 | 20.51 |
| 14.0 | 1212 | 1.0 | | | 0.44 | 3.7 | | 7.8 | 7.7 | 95 | | 0.03 | 6 | 0.8 | 27.53 | 16.84 | 19.83 |
| 14.0 | 1212 | 2.0 | | | 0.44 | 3.7 | | 7.7 | 7.7 | 94 | | 0.03 | 6 | | 27.51 | 16.84 | 19.81 |
| 14.0 | 1212 | 3.0 | | | 0.42 | 3.5 | | 7.7 | 7.7 | 94 | | 0.03 | 6 | | 27.61 | 16.82 | 19.89 |
| 14.0 | 1212 | 4.0 | | | 0.36 | 2.9 | | 7.6 | 7.6 | 93 | | 0.03 | 6 | | 27.70 | 16.80 | 19.97 |
| 14.0 | 1212 | 5.0 | | | 0.29 | 2.3 | | 7.6 | 7.6 | 93 | | 0.03 | 6 | | 27.99 | 16.72 | 20.21 |
| 14.0 | 1212 | 6.0 | | | 0.24 | 1.8 | | 7.5 | 7.6 | 92 | | 0.03 | 6 | | 28.18 | 16.71 | 20.35 |
| 14.0 | 1212 | 7.0 | | | 0.21 | 1.5 | | 7.5 | 7.5 | 92 | | 0.04 | 6 | | 28.39 | 16.70 | 20.52 |
| 14.0 | 1212 | 8.0 | | | 0.20 | 1.4 | | 7.5 | 7.5 | 92 | | 0.04 | 6 | | 28.50 | 16.69 | 20.60 |
| 14.0 | 1212 | 9.0 | | | 0.19 | 1.3 | | 7.5 | 7.5 | 92 | | 0.04 | 7 | | 28.55 | 16.68 | 20.64 |
| 14.0 | 1212 | 10.0 | | | 0.18 | 1.2 | | 7.5 | 7.5 | 92 | | 0.03 | 6 | | 28.56 | 16.67 | 20.65 |
| 14.0 | 1212 | 11.0 | | | 0.18 | 1.2 | | 7.4 | 7.4 | 91 | | 0.03 | 6 | | 28.65 | 16.66 | 20.72 |
| 14.0 | 1212 | 12.0 | | | 0.18 | 1.3 | | 7.4 | 7.4 | 91 | | 0.04 | 6 | | 28.82 | 16.62 | 20.87 |
| 14.0 | 1212 | 13.0 | | | 0.19 | 1.3 | | 7.4 | 7.4 | 91 | | 0.04 | 6 | | 29.07 | 16.56 | 21.07 |
| 14.0 | 1212 | 14.0 | | | 0.19 | 1.3 | | 7.4 | 7.4 | 91 | | 0.03 | 6 | | 29.27 | 16.51 | 21.23 |
| 15.0 | 1236 | 1.0 | | | 0.46 | 3.8 | | 7.7 | 7.7 | 94 | | 0.07 | 12 | 1.2 | 27.80 | 16.85 | 20.03 |
| 15.0 | 1236 | 2.0 | 3.2 | 0.85 | 0.46 | 3.9 | 7.7 | 7.7 | 7.7 | 94 | | 0.07 | 12 | | 27.75 | 16.87 | 19.99 |
| 15.0 | 1236 | 3.0 | | | 0.42 | 3.5 | 7.7 | 7.7 | 7.7 | 94 | | 0.07 | 12 | | 27.75 | 16.88 | 19.99 |
| 15.0 | 1236 | 4.0 | | | 0.34 | 2.7 | | 7.7 | 7.7 | 94 | | 0.06 | 11 | | 28.28 | 16.75 | 20.42 |
| 15.0 | 1236 | 5.0 | | | 0.28 | 2.2 | | 7.6 | 7.6 | 93 | | 0.05 | 9 | | 28.52 | 16.68 | 20.62 |
| 15.0 | 1236 | 6.0 | | | 0.25 | 1.9 | | 7.5 | 7.5 | 92 | | 0.05 | 8 | | 28.75 | 16.61 | 20.81 |
| 15.0 | 1236 | 7.0 | | | 0.24 | 1.8 | | 7.5 | 7.5 | 92 | | 0.05 | 8 | | 28.84 | 16.56 | 20.90 |
| 15.0 | 1236 | 8.0 | | | 0.22 | 1.6 | | 7.5 | 7.5 | 92 | | 0.05 | 8 | | 29.04 | 16.53 | 21.05 |
| 15.0 | 1236 | 9.0 | | | 0.21 | 1.5 | | 7.5 | 7.5 | 92 | | 0.05 | 8 | | 29.10 | 16.53 | 21.10 |
| 15.0 | 1236 | 10.0 | | | 0.21 | 1.5 | | 7.5 | 7.5 | 92 | | 0.04 | 8 | | 29.17 | 16.51 | 21.15 |
| 15.0 | 1236 | 11.0 | | | 0.21 | 1.5 | | 7.5 | 7.5 | 92 | | 0.05 | 8 | | 29.31 | 16.47 | 21.27 |
| 15.0 | 1236 | 12.0 | | | 0.21 | 1.5 | | 7.4 | 7.5 | 91 | | 0.05 | 8 | | 29.74 | 16.38 | 21.62 |
| 15.0 | 1236 | 13.0 | | | 0.21 | 1.5 | | 7.4 | 7.4 | 91 | | 0.04 | 7 | | 29.90 | 16.33 | 21.75 |
| 15.0 | 1236 | 14.0 | | | 0.21 | 1.5 | | 7.4 | 7.4 | 91 | | 0.04 | 7 | | 29.99 | 16.31 | 21.83 |
| 15.0 | 1236 | 15.0 | | | 0.22 | 1.6 | | 7.4 | 7.5 | 91 | | 0.04 | 7 | | 30.08 | 16.28 | 21.90 |
| 15.0 | 1236 | 16.0 | | | 0.21 | 1.5 | | 7.4 | 7.5 | 92 | | 0.04 | 7 | | 30.16 | 16.26 | 21.97 |

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November 6, 1997

North San Francisco Bay

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 15.0 | 1236 | 17.0 | | | 0.21 | 1.5 | | 7.5 | 7.5 | 92 | | 0.04 | 7 | | 30.29 | 16.23 | 22.07 |
| 15.0 | 1236 | 18.0 | | | 0.21 | 1.5 | | 7.4 | 7.5 | 92 | | 0.04 | 8 | | 30.40 | 16.20 | 22.17 |
| 15.0 | 1236 | 19.0 | | | 0.21 | 1.5 | | 7.4 | 7.5 | 92 | | 0.05 | 9 | | 30.45 | 16.19 | 22.21 |
| 15.0 | 1236 | 20.0 | | | 0.21 | 1.5 | | 7.4 | 7.5 | 92 | | 0.06 | 10 | | 30.47 | 16.19 | 22.22 |
| 15.0 | 1236 | 21.0 | | | 0.21 | 1.5 | | 7.5 | 7.5 | 92 | | 0.07 | 12 | | 30.50 | 16.18 | 22.25 |
| 15.0 | 1236 | 22.0 | | | 0.21 | 1.5 | | 7.5 | 7.5 | 92 | | 0.08 | 13 | | 30.50 | 16.18 | 22.25 |
| 15.0 | 1236 | 23.0 | | | 0.21 | 1.5 | | 7.5 | 7.5 | 92 | | 0.08 | 15 | | 30.50 | 16.18 | 22.25 |
| 15.0 | 1236 | 24.0 | 1.3 | 0.47 | 0.20 | 1.4 | | 7.5 | 7.5 | 92 | | 0.09 | 15 | | 30.50 | 16.18 | 22.25 |
| 16.0 | 1305 | 1.0 | | | 0.53 | 4.6 | | 8.1 | 8.1 | 99 | | 0.02 | 5 | 0.8 | 29.06 | 16.81 | 21.01 |
| 16.0 | 1305 | 2.0 | | | 0.51 | 4.3 | | 8.1 | 8.1 | 99 | | 0.03 | 5 | | 29.56 | 16.53 | 21.45 |
| 16.0 | 1305 | 3.0 | | | 0.39 | 3.2 | | 8.0 | 8.0 | 98 | | 0.03 | 5 | | 30.02 | 16.33 | 21.85 |
| 16.0 | 1305 | 4.0 | | | 0.31 | 2.4 | | 7.8 | 7.8 | 96 | | 0.03 | 5 | | 30.22 | 16.26 | 22.02 |
| 16.0 | 1305 | 5.0 | | | 0.26 | 2.0 | | 7.6 | 7.6 | 94 | | 0.03 | 6 | | 30.40 | 16.21 | 22.17 |
| 16.0 | 1305 | 6.0 | | | 0.23 | 1.7 | | 7.6 | 7.6 | 93 | | 0.03 | 6 | | 30.50 | 16.18 | 22.25 |
| 16.0 | 1305 | 7.0 | | | 0.22 | 1.6 | | 7.5 | 7.5 | 92 | | 0.04 | 7 | | 30.57 | 16.16 | 22.31 |
| 16.0 | 1305 | 8.0 | | | 0.21 | 1.5 | | 7.5 | 7.5 | 92 | | 0.04 | 7 | | 30.74 | 16.12 | 22.44 |
| 16.0 | 1305 | 9.0 | | | 0.21 | 1.5 | | 7.5 | 7.5 | 92 | | 0.04 | 7 | | 31.08 | 16.02 | 22.73 |
| 16.0 | 1305 | 10.0 | | | 0.21 | 1.5 | | 7.4 | 7.5 | 92 | | 0.04 | 7 | | 31.24 | 15.97 | 22.87 |
| 16.0 | 1305 | 11.0 | | | 0.21 | 1.5 | | 7.4 | 7.5 | 91 | | 0.04 | 7 | | 31.29 | 15.96 | 22.91 |
| 16.0 | 1305 | 12.0 | | | 0.21 | 1.5 | | 7.4 | 7.5 | 92 | | 0.05 | 8 | | 31.30 | 15.95 | 22.92 |
| 16.0 | 1305 | 13.0 | | | 0.21 | 1.5 | | 7.4 | 7.5 | 92 | | 0.05 | 9 | | 31.30 | 15.95 | 22.91 |
| 16.0 | 1305 | 14.0 | | | 0.21 | 1.5 | | 7.5 | 7.5 | 92 | | 0.06 | 10 | | 31.30 | 15.95 | 22.91 |
| 16.0 | 1305 | 15.0 | | | 0.21 | 1.5 | | 7.5 | 7.5 | 92 | | 0.06 | 10 | | 31.30 | 15.95 | 22.91 |
| 16.0 | 1305 | 16.0 | | | 0.21 | 1.5 | | 7.5 | 7.5 | 92 | | 0.06 | 10 | | 31.30 | 15.96 | 22.91 |
| 17.0 | 1327 | 1.0 | | | 0.39 | 3.2 | | 7.8 | 7.8 | 96 | | 0.03 | 5 | 0.7 | 30.42 | 16.26 | 22.17 |
| 17.0 | 1327 | 2.0 | | | 0.38 | 3.2 | | 7.9 | 7.8 | 96 | | 0.03 | 5 | | 30.57 | 16.15 | 22.31 |
| 17.0 | 1327 | 3.0 | | | 0.36 | 2.9 | | 7.8 | 7.8 | 95 | | 0.03 | 5 | | 30.64 | 16.12 | 22.37 |
| 17.0 | 1327 | 4.0 | | | 0.33 | 2.6 | | 7.7 | 7.7 | 94 | | 0.03 | 5 | | 30.77 | 16.08 | 22.48 |
| 17.0 | 1327 | 5.0 | | | 0.29 | 2.2 | | 7.7 | 7.7 | 94 | | 0.03 | 5 | | 30.99 | 15.99 | 22.67 |
| 17.0 | 1327 | 6.0 | | | 0.26 | 2.0 | | 7.6 | 7.6 | 93 | | 0.03 | 6 | | 31.27 | 15.91 | 22.91 |
| 17.0 | 1327 | 7.0 | | | 0.25 | 1.9 | | 7.5 | 7.6 | 93 | | 0.03 | 6 | | 31.35 | 15.89 | 22.97 |
| 17.0 | 1327 | 8.0 | | | 0.24 | 1.8 | | 7.5 | 7.5 | 92 | | 0.03 | 6 | | 31.46 | 15.85 | 23.06 |
| 17.0 | 1327 | 9.0 | | | 0.23 | 1.7 | | 7.5 | 7.5 | 92 | | 0.03 | 6 | | 31.48 | 15.85 | 23.08 |
| 17.0 | 1327 | 10.0 | | | 0.23 | 1.7 | | 7.5 | 7.5 | 92 | | 0.03 | 6 | | 31.54 | 15.84 | 23.13 |
| 17.0 | 1327 | 11.0 | | | 0.22 | 1.6 | | 7.5 | 7.5 | 92 | | 0.03 | 6 | | 31.62 | 15.81 | 23.19 |
| 17.0 | 1327 | 12.0 | | | 0.22 | 1.6 | | 7.5 | 7.5 | 92 | | 0.03 | 6 | | 31.65 | 15.80 | 23.22 |
| 17.0 | 1327 | 13.0 | | | 0.21 | 1.5 | | 7.5 | 7.5 | 92 | | 0.03 | 6 | | 31.69 | 15.78 | 23.26 |
| 17.0 | 1327 | 14.0 | | | 0.20 | 1.4 | | 7.5 | 7.5 | 92 | | 0.04 | 7 | | 31.70 | 15.78 | 23.26 |
| 18.0 | 1348 | 1.0 | | | 0.27 | 2.0 | | 7.7 | 7.7 | 94 | | 0.02 | 4 | 0.7 | 31.75 | 15.86 | 23.28 |
| 18.0 | 1348 | 2.0 | 2.4 | 0.85 | 0.26 | 2.0 | 7.7 | 7.7 | 7.7 | 94 | 3.8 | 0.02 | 4 | | 31.80 | 15.79 | 23.34 |

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November 6, 1997

North San Francisco Bay

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 18.0 | 1348 | 3.0 | | | 0.26 | 2.0 | | 7.7 | 7.7 | 94 | 0.02 | 5 | | 31.82 | 15.76 | 23.36 |
| 18.0 | 1348 | 4.0 | | | 0.26 | 2.0 | | 7.6 | 7.6 | 94 | 0.02 | 5 | | 31.84 | 15.74 | 23.38 |
| 18.0 | 1348 | 5.0 | | | 0.26 | 2.0 | | 7.6 | 7.6 | 94 | 0.03 | 6 | | 31.85 | 15.73 | 23.39 |
| 18.0 | 1348 | 6.0 | | | 0.27 | 2.1 | | 7.6 | 7.6 | 93 | 0.03 | 6 | | 31.87 | 15.71 | 23.41 |
| 18.0 | 1348 | 7.0 | | | 0.26 | 2.0 | | 7.6 | 7.6 | 93 | 0.04 | 7 | | 31.88 | 15.70 | 23.42 |
| 18.0 | 1348 | 8.0 | | | 0.25 | 1.8 | | 7.6 | 7.6 | 93 | 0.05 | 8 | | 31.89 | 15.70 | 23.42 |
| 18.0 | 1348 | 9.0 | | | 0.23 | 1.7 | | 7.6 | 7.6 | 93 | 0.05 | 9 | | 31.89 | 15.69 | 23.42 |
| 18.0 | 1348 | 10.0 | | | 0.24 | 1.8 | | 7.6 | 7.6 | 93 | 0.05 | 9 | | 31.89 | 15.69 | 23.43 |
| 18.0 | 1348 | 11.0 | | | 0.25 | 1.9 | | 7.6 | 7.6 | 93 | 0.06 | 10 | | 31.90 | 15.68 | 23.43 |
| 18.0 | 1348 | 12.0 | | | 0.25 | 1.9 | | 7.6 | 7.6 | 93 | 0.06 | 10 | | 31.90 | 15.69 | 23.43 |
| 18.0 | 1348 | 13.0 | | | 0.25 | 1.9 | | 7.6 | 7.6 | 93 | 0.06 | 10 | | 31.90 | 15.68 | 23.43 |
| 18.0 | 1348 | 14.0 | | | 0.24 | 1.8 | | 7.6 | 7.6 | 93 | 0.06 | 10 | | 31.90 | 15.68 | 23.43 |
| 18.0 | 1348 | 15.0 | | | 0.24 | 1.8 | | 7.6 | 7.6 | 93 | 0.06 | 10 | | 31.90 | 15.68 | 23.43 |
| 18.0 | 1348 | 16.0 | | | 0.26 | 2.0 | | 7.6 | 7.6 | 93 | 0.06 | 10 | | 31.91 | 15.68 | 23.44 |
| 18.0 | 1348 | 17.0 | | | 0.26 | 2.0 | | 7.6 | 7.6 | 93 | 0.06 | 10 | | 31.92 | 15.67 | 23.45 |
| 18.0 | 1348 | 18.0 | | | 0.25 | 1.9 | | 7.6 | 7.6 | 93 | 0.05 | 10 | | 31.93 | 15.67 | 23.46 |
| 18.0 | 1348 | 19.0 | | | 0.24 | 1.8 | | 7.6 | 7.6 | 93 | 0.05 | 8 | | 31.95 | 15.65 | 23.48 |
| 18.0 | 1348 | 20.0 | | | 0.23 | 1.7 | | 7.6 | 7.6 | 93 | 0.04 | 8 | | 31.96 | 15.65 | 23.49 |
| 18.0 | 1348 | 21.0 | | | 0.24 | 1.8 | | 7.6 | 7.6 | 93 | 0.05 | 8 | | 31.97 | 15.64 | 23.50 |
| 18.0 | 1348 | 22.0 | | | 0.25 | 1.9 | | 7.6 | 7.6 | 93 | 0.05 | 9 | | 31.98 | 15.63 | 23.50 |
| 18.0 | 1348 | 23.0 | | | 0.26 | 2.0 | | 7.6 | 7.6 | 93 | 0.05 | 9 | | 31.99 | 15.63 | 23.51 |
| 18.0 | 1348 | 24.0 | | | 0.26 | 2.0 | | 7.6 | 7.6 | 93 | 0.06 | 10 | | 32.00 | 15.62 | 23.53 |
| 18.0 | 1348 | 25.0 | | | 0.26 | 2.0 | | 7.6 | 7.6 | 93 | 0.06 | 10 | | 32.01 | 15.62 | 23.53 |
| 18.0 | 1348 | 26.0 | | | 0.29 | 2.3 | | 7.6 | 7.6 | 93 | 0.06 | 11 | | 32.01 | 15.62 | 23.54 |
| 18.0 | 1348 | 27.0 | | | 0.29 | 2.3 | | 7.6 | 7.6 | 93 | 0.07 | 12 | | 32.02 | 15.61 | 23.54 |
| 18.0 | 1348 | 28.0 | | | 0.27 | 2.1 | | 7.6 | 7.6 | 93 | 0.07 | 12 | | 32.02 | 15.61 | 23.54 |
| 18.0 | 1348 | 29.0 | | | 0.26 | 2.0 | | 7.6 | 7.6 | 93 | 0.07 | 12 | | 32.03 | 15.61 | 23.55 |
| 18.0 | 1348 | 30.0 | | | 0.26 | 2.0 | | 7.6 | 7.6 | 93 | 0.07 | 12 | | 32.03 | 15.61 | 23.56 |
| 18.0 | 1348 | 31.0 | | | 0.26 | 2.0 | | 7.6 | 7.6 | 93 | 0.07 | 12 | | 32.06 | 15.60 | 23.58 |
| 18.0 | 1348 | 32.0 | | | 0.25 | 1.9 | | 7.6 | 7.6 | 93 | 0.07 | 12 | | 32.05 | 15.60 | 23.57 |
| 18.0 | 1348 | 33.0 | | | 0.25 | 1.9 | | 7.6 | 7.6 | 93 | 0.07 | 12 | | 32.07 | 15.59 | 23.58 |
| 18.0 | 1348 | 34.0 | | | 0.25 | 1.9 | | 7.6 | 7.6 | 93 | 0.06 | 11 | | 32.06 | 15.60 | 23.58 |
| 18.0 | 1348 | 35.0 | | | 0.24 | 1.8 | | 7.6 | 7.6 | 94 | 0.06 | 11 | | 32.07 | 15.59 | 23.59 |
| 18.0 | 1348 | 36.0 | | | 0.25 | 1.9 | | 7.6 | 7.6 | 94 | 0.06 | 11 | | 32.07 | 15.59 | 23.59 |
| 18.0 | 1348 | 37.0 | | | 0.26 | 2.0 | | 7.7 | 7.7 | 94 | 0.07 | 12 | | 32.07 | 15.59 | 23.59 |
| 18.0 | 1348 | 38.0 | | | 0.26 | 2.0 | | 7.7 | 7.7 | 94 | 0.07 | 12 | | 32.06 | 15.59 | 23.58 |
| 18.0 | 1348 | 39.0 | 2.5 | 0.40 | 0.26 | 2.0 | | 7.6 | 7.6 | 94 | 0.07 | 13 | | 32.07 | 15.59 | 23.58 |
| 20.0 | 1405 | 1.0 | | | 0.24 | 1.8 | | 7.5 | 7.5 | 92 | 0.05 | 8 | 0.8 | 31.92 | 15.68 | 23.45 |
| 20.0 | 1405 | 2.0 | | | 0.25 | 1.9 | | 7.5 | 7.5 | 92 | 0.05 | 9 | | 31.92 | 15.68 | 23.45 |
| 20.0 | 1405 | 3.0 | | | 0.24 | 1.8 | | 7.5 | 7.5 | 92 | 0.05 | 9 | | 31.92 | 15.68 | 23.45 |
| 20.0 | 1405 | 4.0 | | | 0.23 | 1.7 | | 7.5 | 7.6 | 93 | 0.05 | 9 | | 31.92 | 15.68 | 23.45 |
| 20.0 | 1405 | 5.0 | | | 0.23 | 1.7 | | 7.6 | 7.6 | 93 | 0.05 | 9 | | 31.92 | 15.68 | 23.45 |

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 20.0 | 1405 | 6.0 | | | 0.24 | 1.8 | 7.6 | 7.6 | 93 | | 0.05 | 10 | | 31.92 | 15.68 | 23.45 |
| 20.0 | 1405 | 7.0 | | | 0.23 | 1.7 | 7.6 | 7.6 | 93 | | 0.05 | 10 | | 31.92 | 15.68 | 23.45 |
| 20.0 | 1405 | 8.0 | | | 0.22 | 1.6 | 7.6 | 7.6 | 93 | | 0.05 | 10 | | 31.92 | 15.68 | 23.45 |
| 20.0 | 1405 | 9.0 | | | 0.23 | 1.7 | 7.6 | 7.6 | 93 | | 0.06 | 10 | | 31.92 | 15.68 | 23.45 |
| 20.0 | 1405 | 10.0 | | | 0.24 | 1.8 | 7.6 | 7.6 | 93 | | 0.06 | 10 | | 31.92 | 15.68 | 23.45 |
| 20.0 | 1405 | 11.0 | | | 0.24 | 1.8 | 7.6 | 7.6 | 93 | | 0.06 | 11 | | 31.92 | 15.68 | 23.45 |
| 20.0 | 1405 | 12.0 | | | 0.23 | 1.7 | 7.6 | 7.6 | 93 | | 0.06 | 11 | | 31.92 | 15.68 | 23.45 |
| 20.0 | 1405 | 13.0 | | | 0.23 | 1.7 | 7.6 | 7.6 | 93 | | 0.06 | 11 | | 31.92 | 15.68 | 23.45 |
| 20.0 | 1405 | 14.0 | | | 0.24 | 1.7 | 7.6 | 7.6 | 93 | | 0.06 | 11 | | 31.92 | 15.68 | 23.45 |
| 20.0 | 1405 | 15.0 | | | 0.24 | 1.8 | 7.6 | 7.6 | 93 | | 0.06 | 11 | | 31.92 | 15.68 | 23.45 |
| 20.0 | 1405 | 16.0 | | | 0.25 | 1.8 | 7.6 | 7.6 | 93 | | 0.06 | 10 | | 31.92 | 15.68 | 23.45 |
| 20.0 | 1405 | 17.0 | | | 0.25 | 1.9 | 7.6 | 7.6 | 93 | | 0.06 | 10 | | 31.92 | 15.68 | 23.45 |
| 20.0 | 1405 | 18.0 | | | 0.25 | 1.9 | 7.6 | 7.6 | 93 | | 0.06 | 10 | | 31.92 | 15.68 | 23.45 |
| 20.0 | 1405 | 19.0 | | | 0.25 | 1.9 | 7.6 | 7.6 | 93 | | 0.06 | 10 | | 31.92 | 15.68 | 23.45 |
| 20.0 | 1405 | 20.0 | | | 0.25 | 1.9 | 7.6 | 7.6 | 93 | | 0.06 | 10 | | 31.92 | 15.68 | 23.45 |
| 20.0 | 1405 | 21.0 | | | 0.25 | 1.8 | 7.6 | 7.6 | 93 | | 0.06 | 10 | | 31.92 | 15.68 | 23.45 |
| 20.0 | 1405 | 22.0 | | | 0.25 | 1.9 | 7.6 | 7.6 | 93 | | 0.05 | 9 | | 31.92 | 15.68 | 23.45 |
| 20.0 | 1405 | 23.0 | | | 0.26 | 2.0 | 7.6 | 7.6 | 93 | | 0.05 | 10 | | 31.92 | 15.68 | 23.45 |
| 20.0 | 1405 | 24.0 | | | 0.27 | 2.0 | 7.6 | 7.6 | 93 | | 0.06 | 10 | | 31.92 | 15.68 | 23.45 |
| 20.0 | 1405 | 25.0 | | | 0.27 | 2.1 | 7.6 | 7.6 | 93 | | 0.06 | 11 | | 31.92 | 15.68 | 23.45 |
| 20.0 | 1405 | 26.0 | | | 0.27 | 2.0 | 7.6 | 7.6 | 93 | | 0.06 | 11 | | 31.92 | 15.68 | 23.45 |
| 20.0 | 1405 | 27.0 | | | 0.26 | 2.0 | 7.6 | 7.6 | 93 | | 0.07 | 12 | | 31.92 | 15.67 | 23.45 |
| 20.0 | 1405 | 28.0 | | | 0.26 | 2.0 | 7.6 | 7.6 | 93 | | 0.07 | 12 | | 31.92 | 15.67 | 23.46 |

Std. Err.

Inter.

Slope

r²

n

Fluorometer Calibration:

OBS Calibration:

Dissolved Oxygen Calibration:

14 0.827 9.469 -0.479 0.372
6 0.999 163.413 0.773 0.312
7 0.977 0.886 0.872 0.080

SeaBird v4.026

South San Francisco Bay

November 6, 1997

97310

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 36.0 | 1750 | 1.0 | 2.8 | 0.70 | 0.48 | 3.3 | | 6.6 | 6.0 | 75 | | 0.08 | 14 | | 28.23 | 18.41 | 20.00 |
| 36.0 | 1750 | 2.0 | | | 0.46 | 3.2 | | 6.4 | 5.8 | 73 | 13.1 | 0.08 | 13 | | 28.69 | 18.39 | 20.35 |
| 36.0 | 1750 | 3.0 | | | 0.42 | 2.9 | | 6.4 | 5.7 | 72 | | 0.08 | 14 | | 28.85 | 18.34 | 20.49 |
| 36.0 | 1750 | 4.0 | | | 0.38 | 2.6 | | 6.4 | 5.7 | 72 | | 0.08 | 14 | | 28.89 | 18.33 | 20.52 |
| 36.0 | 1750 | 5.0 | | | 0.35 | 2.4 | | 6.3 | 5.6 | 71 | | 0.09 | 14 | | 28.91 | 18.32 | 20.54 |
| 36.0 | 1750 | 6.0 | | | 0.33 | 2.2 | | 6.3 | 5.5 | 70 | | 0.09 | 15 | | 28.94 | 18.33 | 20.56 |
| 36.0 | 1750 | 7.0 | | | 0.32 | 2.2 | | 6.3 | 5.5 | 70 | | 0.11 | 18 | | 28.96 | 18.33 | 20.57 |
| 36.0 | 1750 | 8.0 | 1.6 | 0.45 | 0.33 | 2.2 | | 6.3 | 5.5 | 70 | | 0.12 | 19 | | 28.97 | 18.33 | 20.58 |
| 32.0 | 1706 | 1.0 | 3.0 | 0.81 | 0.43 | 3.0 | | 6.8 | 6.3 | 81 | | 0.05 | 9 | | 29.88 | 18.39 | 21.26 |
| 32.0 | 1706 | 2.0 | | | 0.43 | 3.0 | | 6.7 | 6.2 | 80 | 8.3 | 0.05 | 9 | | 29.91 | 18.38 | 21.28 |
| 32.0 | 1706 | 3.0 | | | 0.38 | 2.6 | | 6.6 | 6.1 | 77 | | 0.05 | 9 | | 30.00 | 18.30 | 21.38 |
| 32.0 | 1706 | 4.0 | | | 0.30 | 2.0 | | 6.6 | 6.0 | 77 | | 0.05 | 9 | | 30.15 | 18.14 | 21.53 |
| 32.0 | 1706 | 5.0 | | | 0.26 | 1.8 | | 6.6 | 6.0 | 77 | | 0.05 | 9 | | 30.17 | 18.14 | 21.55 |
| 32.0 | 1706 | 6.0 | | | 0.25 | 1.7 | | 6.6 | 6.1 | 77 | | 0.06 | 10 | | 30.21 | 18.11 | 21.58 |
| 32.0 | 1706 | 7.0 | | | 0.24 | 1.6 | | 6.6 | 6.1 | 77 | | 0.06 | 11 | | 30.24 | 18.09 | 21.61 |
| 32.0 | 1706 | 8.0 | | | 0.24 | 1.6 | | 6.6 | 6.1 | 77 | | 0.07 | 12 | | 30.25 | 18.09 | 21.61 |
| 32.0 | 1706 | 9.0 | | | 0.24 | 1.6 | | 6.6 | 6.1 | 77 | | 0.07 | 12 | | 30.25 | 18.09 | 21.61 |
| 32.0 | 1706 | 10.0 | | | 0.24 | 1.6 | | 6.6 | 6.1 | 77 | | 0.07 | 13 | | 30.25 | 18.09 | 21.62 |
| 32.0 | 1706 | 11.0 | | | 0.23 | 1.5 | | 6.6 | 6.0 | 77 | | 0.08 | 13 | | 30.26 | 18.09 | 21.62 |
| 32.0 | 1706 | 12.0 | 0.9 | 0.30 | 0.23 | 1.5 | | 6.6 | 6.1 | 77 | | 0.08 | 14 | | 30.26 | 18.09 | 21.62 |
| 30.0 | 1638 | 1.0 | | | 0.28 | 1.8 | | 6.9 | 6.5 | 83 | | 0.05 | 9 | 1.1 | 30.53 | 17.94 | 21.87 |
| 30.0 | 1638 | 2.0 | 1.4 | 0.61 | 0.27 | 1.8 | | 6.9 | 6.5 | 83 | | 0.05 | 9 | | 30.53 | 17.95 | 21.87 |
| 30.0 | 1638 | 3.0 | | | 0.28 | 1.9 | | 6.9 | 6.5 | 83 | | 0.05 | 10 | | 30.53 | 17.96 | 21.86 |
| 30.0 | 1638 | 4.0 | | | 0.28 | 1.9 | | 6.9 | 6.6 | 84 | | 0.06 | 10 | | 30.53 | 17.96 | 21.86 |
| 30.0 | 1638 | 5.0 | | | 0.28 | 1.9 | | 6.9 | 6.6 | 83 | | 0.06 | 10 | | 30.53 | 17.96 | 21.86 |
| 30.0 | 1638 | 6.0 | | | 0.28 | 1.9 | | 6.9 | 6.6 | 83 | | 0.06 | 10 | | 30.53 | 17.96 | 21.87 |
| 30.0 | 1638 | 7.0 | | | 0.27 | 1.8 | | 6.9 | 6.6 | 84 | | 0.06 | 10 | | 30.53 | 17.96 | 21.87 |
| 30.0 | 1638 | 8.0 | | | 0.27 | 1.8 | | 6.9 | 6.6 | 84 | | 0.06 | 10 | | 30.53 | 17.96 | 21.87 |
| 30.0 | 1638 | 9.0 | | | 0.28 | 1.9 | | 6.9 | 6.6 | 83 | | 0.06 | 10 | | 30.53 | 17.96 | 21.87 |
| 30.0 | 1638 | 10.0 | | | 0.28 | 1.9 | | 6.9 | 6.6 | 84 | | 0.06 | 11 | | 30.53 | 17.96 | 21.87 |
| 30.0 | 1638 | 11.0 | | | 0.28 | 1.9 | | 6.9 | 6.6 | 83 | | 0.06 | 10 | | 30.53 | 17.96 | 21.87 |
| 30.0 | 1638 | 12.0 | | | 0.28 | 1.9 | | 6.9 | 6.6 | 83 | | 0.06 | 10 | | 30.53 | 17.96 | 21.87 |
| 30.0 | 1638 | 13.0 | | | 0.28 | 1.9 | | 6.9 | 6.6 | 83 | | 0.06 | 10 | | 30.53 | 17.96 | 21.86 |
| 30.0 | 1638 | 14.0 | | | 0.28 | 1.9 | | 6.9 | 6.5 | 83 | | 0.06 | 10 | | 30.53 | 17.96 | 21.87 |
| 30.0 | 1638 | 15.0 | 1.5 | 0.57 | 0.28 | 1.9 | | 6.9 | 6.6 | 83 | | 0.06 | 10 | | 30.53 | 17.96 | 21.86 |
| 29.0 | 1614 | 1.0 | | | 0.51 | 3.5 | | 7.3 | 7.3 | 93 | | 0.04 | 8 | 1.1 | 30.80 | 17.98 | 22.06 |
| 29.0 | 1614 | 2.0 | | | 0.51 | 3.5 | | 7.3 | 7.3 | 93 | | 0.04 | 8 | | 30.80 | 17.98 | 22.06 |
| 29.0 | 1614 | 3.0 | | | 0.50 | 3.4 | | 7.3 | 7.3 | 93 | | 0.05 | 8 | | 30.79 | 17.97 | 22.06 |
| 29.0 | 1614 | 4.0 | | | 0.48 | 3.3 | | 7.3 | 7.3 | 93 | | 0.04 | 8 | | 30.80 | 17.97 | 22.07 |
| 29.0 | 1614 | 5.0 | | | 0.45 | 3.1 | | 7.3 | 7.3 | 93 | | 0.05 | 8 | | 30.79 | 17.95 | 22.06 |

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|------|--------------|--------------|--------------|------------|-------|-------|-------|-------|
| 29.0 | 1614 | 6.0 | | | 0.42 | 2.9 | | 7.3 | 7.3 | 93 | | 0.05 | | 30.79 | 17.88 | 22.08 |
| 29.0 | 1614 | 7.0 | | | 0.39 | 2.6 | | 7.2 | 7.1 | 91 | | 0.05 | | 30.78 | 17.88 | 22.08 |
| 29.0 | 1614 | 8.0 | | | 0.36 | 2.5 | | 7.2 | 7.1 | 90 | | 0.06 | | 30.79 | 17.86 | 22.08 |
| 29.0 | 1614 | 9.0 | | | 0.34 | 2.3 | | 7.2 | 7.0 | 89 | | 0.06 | | 30.78 | 17.83 | 22.08 |
| 29.0 | 1614 | 10.0 | | | 0.32 | 2.2 | | 7.1 | 7.0 | 88 | | 0.07 | | 30.78 | 17.81 | 22.09 |
| 29.0 | 1614 | 11.0 | | | 0.32 | 2.2 | | 7.1 | 6.9 | 88 | | 0.07 | | 30.78 | 17.81 | 22.09 |
| 29.0 | 1614 | 12.0 | | | 0.32 | 2.2 | | 7.1 | 6.9 | 87 | | 0.07 | | 30.78 | 17.81 | 22.09 |
| 29.0 | 1614 | 13.0 | | | 0.32 | 2.2 | | 7.1 | 6.9 | 87 | | 0.07 | | 30.78 | 17.81 | 22.09 |
| 29.0 | 1614 | 14.0 | | | 0.32 | 2.2 | | 7.1 | 6.9 | 87 | | 0.07 | | 30.78 | 17.81 | 22.09 |
| 29.0 | 1614 | 15.0 | | | 0.32 | 2.2 | | 7.1 | 6.8 | 87 | | 0.07 | | 30.78 | 17.81 | 22.09 |
| 29.0 | 1614 | 16.0 | | | 0.32 | 2.2 | | 7.1 | 6.9 | 87 | | 0.08 | | 30.78 | 17.81 | 22.09 |
| 27.0 | 1550 | 1.0 | | | 0.42 | 2.9 | | 7.3 | 7.2 | 92 | | 0.05 | 1.1 | 30.79 | 17.81 | 22.09 |
| 27.0 | 1550 | 2.0 | 2.9 | 0.77 | 0.41 | 2.8 | 7.2 | 7.3 | 7.3 | 92 | 9.0 | 0.05 | | 30.78 | 17.78 | 22.09 |
| 27.0 | 1550 | 3.0 | | | 0.39 | 2.7 | | 7.3 | 7.3 | 92 | | 0.05 | | 30.78 | 17.71 | 22.11 |
| 27.0 | 1550 | 4.0 | | | 0.36 | 2.5 | | 7.2 | 7.1 | 90 | | 0.05 | | 30.78 | 17.69 | 22.12 |
| 27.0 | 1550 | 5.0 | | | 0.33 | 2.2 | | 7.1 | 6.9 | 88 | | 0.06 | | 30.78 | 17.68 | 22.12 |
| 27.0 | 1550 | 6.0 | | | 0.32 | 2.2 | | 7.1 | 6.9 | 87 | | 0.07 | | 30.78 | 17.67 | 22.12 |
| 27.0 | 1550 | 7.0 | | | 0.32 | 2.2 | | 7.1 | 6.8 | 87 | | 0.08 | | 30.78 | 17.67 | 22.12 |
| 27.0 | 1550 | 8.0 | | | 0.32 | 2.2 | | 7.0 | 6.8 | 86 | | 0.09 | | 30.78 | 17.67 | 22.12 |
| 27.0 | 1550 | 9.0 | | | 0.33 | 2.3 | | 7.0 | 6.8 | 86 | | 0.09 | | 30.78 | 17.67 | 22.12 |
| 27.0 | 1550 | 10.0 | | | 0.34 | 2.3 | | 7.0 | 6.8 | 86 | | 0.09 | | 30.78 | 17.67 | 22.12 |
| 27.0 | 1550 | 11.0 | | | 0.34 | 2.3 | | 7.0 | 6.8 | 86 | | 0.09 | | 30.78 | 17.67 | 22.13 |
| 27.0 | 1550 | 12.0 | | | 0.34 | 2.3 | | 7.0 | 6.8 | 86 | | 0.09 | | 30.78 | 17.66 | 22.13 |
| 27.0 | 1550 | 13.0 | 2.7 | 0.62 | 0.33 | 2.3 | | 7.0 | 6.8 | 86 | | 0.10 | | 30.78 | 17.66 | 22.13 |
| 25.0 | 1522 | 1.0 | | | 0.35 | 2.4 | | 7.0 | 6.8 | 85 | | 0.06 | 1.1 | 30.84 | 17.41 | 22.23 |
| 25.0 | 1522 | 2.0 | | | 0.35 | 2.4 | | 7.1 | 6.8 | 86 | | 0.07 | | 30.84 | 17.41 | 22.23 |
| 25.0 | 1522 | 3.0 | | | 0.35 | 2.3 | | 7.0 | 6.8 | 86 | | 0.07 | | 30.84 | 17.40 | 22.24 |
| 25.0 | 1522 | 4.0 | | | 0.34 | 2.3 | | 7.0 | 6.8 | 86 | | 0.08 | | 30.85 | 17.39 | 22.24 |
| 25.0 | 1522 | 5.0 | | | 0.35 | 2.3 | | 7.0 | 6.8 | 86 | | 0.08 | | 30.85 | 17.38 | 22.24 |
| 25.0 | 1522 | 6.0 | | | 0.34 | 2.3 | | 7.1 | 6.8 | 86 | | 0.08 | | 30.85 | 17.38 | 22.24 |
| 25.0 | 1522 | 7.0 | | | 0.33 | 2.2 | | 7.1 | 6.8 | 86 | | 0.08 | | 30.85 | 17.37 | 22.25 |
| 25.0 | 1522 | 8.0 | | | 0.34 | 2.3 | | 7.1 | 6.8 | 86 | | 0.08 | | 30.85 | 17.37 | 22.25 |
| 25.0 | 1522 | 9.0 | | | 0.34 | 2.3 | | 7.1 | 6.9 | 86 | | 0.08 | | 30.85 | 17.37 | 22.25 |
| 24.0 | 1505 | 1.0 | | | 0.31 | 2.1 | | 7.3 | 7.2 | 89 | | 0.06 | 1.0 | 30.87 | 16.67 | 22.42 |
| 24.0 | 1505 | 2.0 | 2.5 | 0.70 | 0.32 | 2.2 | 7.2 | 7.3 | 7.2 | 89 | 11.4 | 0.06 | | 30.87 | 16.67 | 22.42 |
| 24.0 | 1505 | 3.0 | | | 0.31 | 2.1 | | 7.3 | 7.2 | 89 | | 0.06 | | 30.87 | 16.67 | 22.42 |
| 24.0 | 1505 | 4.0 | | | 0.30 | 2.0 | | 7.3 | 7.2 | 90 | | 0.06 | | 30.87 | 16.67 | 22.42 |
| 24.0 | 1505 | 5.0 | | | 0.29 | 1.9 | | 7.3 | 7.2 | 89 | | 0.07 | | 30.87 | 16.67 | 22.42 |
| 24.0 | 1505 | 6.0 | | | 0.29 | 2.0 | | 7.3 | 7.2 | 90 | | 0.07 | | 30.87 | 16.67 | 22.42 |
| 24.0 | 1505 | 7.0 | | | 0.29 | 2.0 | | 7.3 | 7.2 | 90 | | 0.07 | | 30.87 | 16.68 | 22.42 |

South San Francisco Bay

November 6, 1997

97310

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|----------------|-----------------|-------|---------------|---------------|--------------|--------------|--------------|------|-------------|-------|-------|-------|-------|
| 24.0 | 1505 | 8.0 | | | 0.29 | 2.0 | | 7.3 | 7.2 | 90 | 0.08 | 14 | | 30.87 | 16.67 | 22.42 |
| 24.0 | 1505 | 9.0 | | | 0.30 | 2.0 | | 7.3 | 7.2 | 90 | 0.08 | 14 | | 30.87 | 16.67 | 22.42 |
| 24.0 | 1505 | 10.0 | | | 0.31 | 2.1 | | 7.3 | 7.2 | 90 | 0.08 | 13 | | 30.87 | 16.67 | 22.42 |
| 24.0 | 1505 | 11.0 | 2.8 | 0.68 | 0.31 | 2.1 | | 7.3 | 7.2 | 90 | 0.08 | 14 | | 30.87 | 16.68 | 22.42 |
| 22.0 | 1436 | 1.0 | | | 0.33 | 2.2 | | 7.4 | 7.5 | 93 | 0.03 | 6 | 0.7 | 31.16 | 16.21 | 22.75 |
| 22.0 | 1436 | 2.0 | | | 0.31 | 2.1 | | 7.5 | 7.6 | 93 | 0.03 | 6 | | 31.13 | 16.22 | 22.73 |
| 22.0 | 1436 | 3.0 | | | 0.30 | 2.0 | | 7.4 | 7.5 | 92 | 0.03 | 6 | | 31.08 | 16.26 | 22.68 |
| 22.0 | 1436 | 4.0 | | | 0.29 | 2.0 | | 7.4 | 7.5 | 93 | 0.03 | 6 | | 31.20 | 16.18 | 22.79 |
| 22.0 | 1436 | 5.0 | | | 0.28 | 1.9 | | 7.4 | 7.4 | 91 | 0.03 | 6 | | 31.20 | 16.17 | 22.79 |
| 22.0 | 1436 | 6.0 | | | 0.26 | 1.8 | | 7.4 | 7.5 | 92 | 0.03 | 6 | | 31.37 | 16.05 | 22.95 |
| 22.0 | 1436 | 7.0 | | | 0.25 | 1.7 | | 7.4 | 7.4 | 91 | 0.04 | 7 | | 31.32 | 16.09 | 22.90 |
| 22.0 | 1436 | 8.0 | | | 0.24 | 1.6 | | 7.4 | 7.5 | 92 | 0.04 | 7 | | 31.41 | 16.02 | 22.98 |
| 22.0 | 1436 | 9.0 | | | 0.24 | 1.6 | | 7.4 | 7.5 | 92 | 0.04 | 8 | | 31.43 | 16.01 | 23.00 |
| 22.0 | 1436 | 10.0 | | | 0.24 | 1.6 | | 7.4 | 7.5 | 92 | 0.04 | 8 | | 31.46 | 16.00 | 23.03 |
| 22.0 | 1436 | 11.0 | | | 0.24 | 1.6 | | 7.4 | 7.5 | 92 | 0.05 | 9 | | 31.49 | 15.98 | 23.05 |
| 22.0 | 1436 | 12.0 | | | 0.24 | 1.6 | | 7.4 | 7.5 | 92 | 0.05 | 10 | | 31.50 | 15.97 | 23.07 |
| 22.0 | 1436 | 13.0 | | | 0.25 | 1.7 | | 7.4 | 7.5 | 92 | 0.06 | 11 | | 31.52 | 15.96 | 23.08 |
| 22.0 | 1436 | 14.0 | | | 0.26 | 1.8 | | 7.4 | 7.5 | 92 | 0.06 | 11 | | 31.52 | 15.96 | 23.08 |
| 22.0 | 1436 | 15.0 | | | 0.26 | 1.7 | | 7.4 | 7.5 | 92 | 0.07 | 11 | | 31.52 | 15.96 | 23.09 |
| 22.0 | 1436 | 16.0 | | | 0.25 | 1.7 | | 7.4 | 7.5 | 92 | 0.07 | 11 | | 31.53 | 15.96 | 23.09 |
| 22.0 | 1436 | 17.0 | | | 0.26 | 1.7 | | 7.4 | 7.5 | 92 | 0.07 | 12 | | 31.53 | 15.95 | 23.09 |
| 22.0 | 1436 | 18.0 | | | 0.27 | 1.8 | | 7.4 | 7.5 | 92 | 0.07 | 12 | | 31.53 | 15.95 | 23.09 |
| 22.0 | 1436 | 19.0 | | | 0.26 | 1.8 | | 7.4 | 7.5 | 92 | 0.07 | 13 | | 31.54 | 15.95 | 23.10 |
| 21.0 | 1425 | 1.0 | | | 0.30 | 2.0 | | 7.5 | 7.6 | 94 | 0.03 | 6 | 0.8 | 31.03 | 16.29 | 22.63 |
| 21.0 | 1425 | 2.0 | 2.5 | 0.81 | 0.28 | 1.9 | 7.5 | 7.4 | 7.5 | 92 | 0.03 | 6 | | 31.08 | 16.21 | 22.69 |
| 21.0 | 1425 | 3.0 | | | 0.26 | 1.7 | | 7.4 | 7.5 | 92 | 0.03 | 6 | | 31.15 | 16.15 | 22.75 |
| 21.0 | 1425 | 4.0 | | | 0.25 | 1.7 | | 7.4 | 7.5 | 92 | 0.04 | 7 | | 31.23 | 16.11 | 22.82 |
| 21.0 | 1425 | 5.0 | | | 0.24 | 1.6 | | 7.5 | 7.5 | 93 | 0.04 | 7 | | 31.32 | 16.07 | 22.90 |
| 21.0 | 1425 | 6.0 | | | 0.24 | 1.6 | | 7.5 | 7.6 | 93 | 0.04 | 7 | | 31.36 | 16.05 | 22.94 |
| 21.0 | 1425 | 7.0 | | | 0.25 | 1.6 | | 7.5 | 7.6 | 93 | 0.04 | 7 | | 31.41 | 16.03 | 22.99 |
| 21.0 | 1425 | 8.0 | | | 0.25 | 1.7 | | 7.5 | 7.6 | 94 | 0.03 | 6 | | 31.43 | 16.02 | 23.00 |
| 21.0 | 1425 | 9.0 | | | 0.26 | 1.7 | | 7.5 | 7.6 | 94 | 0.03 | 6 | | 31.44 | 16.02 | 23.01 |
| 21.0 | 1425 | 10.0 | | | 0.26 | 1.7 | | 7.5 | 7.6 | 94 | 0.04 | 7 | | 31.46 | 16.01 | 23.02 |
| 21.0 | 1425 | 11.0 | | | 0.25 | 1.6 | | 7.5 | 7.6 | 94 | 0.04 | 7 | | 31.48 | 16.00 | 23.04 |
| 21.0 | 1425 | 12.0 | | | 0.24 | 1.6 | | 7.5 | 7.6 | 94 | 0.04 | 8 | | 31.51 | 15.98 | 23.07 |
| 21.0 | 1425 | 13.0 | | | 0.25 | 1.7 | | 7.5 | 7.6 | 94 | 0.05 | 9 | | 31.52 | 15.97 | 23.08 |
| 21.0 | 1425 | 14.0 | | | 0.25 | 1.7 | | 7.5 | 7.6 | 94 | 0.05 | 9 | | 31.52 | 15.97 | 23.08 |
| 21.0 | 1425 | 15.0 | | | 0.26 | 1.7 | | 7.5 | 7.6 | 94 | 0.05 | 9 | | 31.52 | 15.97 | 23.08 |
| 21.0 | 1425 | 16.0 | | | 0.27 | 1.8 | | 7.5 | 7.7 | 94 | 0.05 | 10 | | 31.52 | 15.97 | 23.08 |
| 21.0 | 1425 | 17.0 | | | 0.28 | 1.9 | | 7.5 | 7.7 | 94 | 0.05 | 10 | | 31.52 | 15.97 | 23.08 |
| 21.0 | 1425 | 18.0 | | | 0.29 | 2.0 | | 7.5 | 7.6 | 94 | 0.05 | 9 | | 31.52 | 15.97 | 23.08 |

| STN | TIME | DEPTH | DISCR | CHL a/ | FLUOR | CALC | CHL a | DISCR | OXYG | CALC | % OXY | DISCR | OBS | EXCOF | SALIN | TEMP | SIGT |
|------|------|-------|-------|--------|-------|------|-------|-------|------|------|-------|-------|-----|-------|-------|-------|-------|
| 21.0 | 1425 | 19.0 | | | 0.29 | 1.9 | | 7.5 | 7.6 | 94 | | 0.05 | 10 | | 31.52 | 15.97 | 23.08 |
| 21.0 | 1425 | 20.0 | 2.2 | 0.60 | 0.28 | 1.9 | | 7.5 | 7.6 | 94 | | 0.05 | 10 | | 31.52 | 15.97 | 23.08 |

| | n | r^2 | Slope | Inter. | Std. Err. |
|-------------------------------|----|-------|---------|--------|-----------|
| Fluorometer Calibration: | 12 | 0.539 | 7.196 | -0.137 | 0.495 |
| OBS Calibration: | 4 | 0.908 | 153.546 | 1.237 | 0.822 |
| Dissolved Oxygen Calibration: | 3 | 0.956 | 1.744 | -5.466 | 0.050 |

Seabird v4.026