Rec'd
5/9/01
K-M
Orig

# Studies of the San Francisco Bay, California, Estuarine Ecosystem

## *Regional monitoring program results, 1998*


BY

**Andrew J. Arnsberg,**
**Brian E. Cole, and James E. Cloern**



Open-File Report 01-68
Menlo Park, California

US Department of the Interior
US Geological Survey

USGS

# STUDIES OF THE SAN FRANCISCO BAY, CALIFORNIA, ESTUARINE ECOSYSTEM.

# REGIONAL MONITORING PROGRAM RESULTS, 1998

By Andrew J. Arnsberg, Brian E. Cole and James E. Cloern

---

U.S. Geological Survey

Open-File Report

Menlo Park, California

2001

U.S. DEPARTMENT OF THE INTERIOR

BRUCE BABBITT, Secretary

U.S. GEOLOGICAL SURVEY

Charles G. Groat, Director



---

For additional information write to:

James E. Cloern
Water Resources Division
U.S. Geological Survey
345 Middlefield Road, MS-496
Menlo Park, California 94025

Copies of this report can be purchased from:

U.S. Geological Survey
Earth Science InformationCenter
Open-File Reports Section
Box 25286, MS 517
Denver Federal Center
Denver, Colorado 80225

CONTENTS

CONVERSION FACTORS

| Multiply | By | To Obtain |
|---|---|---|
| meter (m) | 3.28 | foot |
| nanometer (nm) | $2.94 \times 10^{-8}$ | inch |
| gram | $2.2 \times 10^{-3}$ | pound |
| kilogram | 2.2 | pound |
| milligram | $2.2 \times 10^{-6}$ | pound |
| liter | 1.06 | quart |

Temperature is given in degrees Celsius (°C) and can be converted to degrees Fahrenheit (°F) using the following equation:

$$°F = 1.8\ (°C) + 32$$

# STUDIES OF THE SAN FRANCISCO BAY, CALIFORNIA, ESTUARINE ECOSYSTEM. REGIONAL MONITORING PROGRAM RESULTS, 1998

By Andrew J. Arnsberg, Brian E. Cole and James E. Cloern

ABSTRACT

As part of a regional monitoring program, water samples were collected in the San Francisco Bay estuary during 25 cruises from January through December 1998. 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 has since been developed and implemented as the Regional Monitoring Program for Trace Substances, 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 1998.

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 1998 results. An interpretive analysis, based on these data, will be published in the 1998 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 December. During January, February, March, April, May and June when a phytoplankton bloom was expected in South Bay (stations 21 through 36), the frequency of cruises in South Bay was increased. Sampling sites are shown in figure 1, their locations and water depth are identified in table 1, and the sampling dates are depicted 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 LiCor quantum sensor were used to measure vertical distributions of conductivity (salinity), temperature, chlorophyll fluorescence, oxygen concentration, turbidity, and solar irradiance, respectively, at each station. Discrete chlorophyll *a*, oxygen, and suspended particulate samples were collected at selected sites to calibrate the fluorometer, oxygen sensor, and OBS sensor on each sampling date.

**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 LiCor 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 1.0 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 4 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 24 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 $5 \times 10^{-5}$ Siemens per meter (Sea-Bird Electronics). Temperature (TEMP) was measured with a Wien Bridge type resistance thermistor. This sensor was accurate to $\pm$0.002 °C and had a resolution of 0.0005 °C (Sea-Bird Electronics). The conductivity and temperature probes were recalibrated in December 1997 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-t (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-m centered 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 meter.

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 $O_2$ 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.

Visible light was measured with a LiCor 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 Grańeli and Grańeli (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 100-500 mL of water were filtered onto preweighed 0.4-µm 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 (CALC CHL a = A + B x 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 ([CALC CHL a]/[DISCR CHL a+PHA]) gives the proportion of active chlorophyll a to total pigments (CHL a/ a + 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.

## REFERENCES


Fofonoff, N.P. and Millard, R.C., Jr., eds., 1983, Algorithms for computation of fundamental properties of seawater: UNESCO Technical Papers in Marine Science, Number 44, UNESCO, Paris.

Grańeli, W. and Grańeli, E., 1991, Automatic potentiometric determination of dissolved oxygen: Marine Biology v. 108, p. 341-348.

Hager, S.W., 1994, Dissolved nutrient and suspended particulate matter data for the San Francisco Bay Estuary, California. October 1991 through November 1993: U.S. Geological Survey. Open-File Report 94-471, 53 p.

Knapp, G.P., Stalcup, M.C., and Stanley, R.J, 1991, Iodine losses during Winkler titrations: Deep-Sea Research v. 38, p. 121-128.

Lorenzen, C.J., 1967, Determination of chlorophyll and phaeopigments. Spectrophotometric equations: Limnology and Oceanography, v. 12, p. 343-346.

Millero, F.J., Chen, C.T., Bradshaw, A., and Schleicher, K., 1981, Summary of data treatment for the international high pressure equation of state for seawater: UNESCO Technical Papers in Marine Science, Number 38, UNESCO, Paris.

Millero, F.J. and Poisson, A., 1981, Summary of data treatment for the international one atmosphere equations of state for seawater: UNESCO Technical Papers in Marine Science, Number 38, UNESCO, Paris.

Owens, W.B. and Millard, R.C., Jr, 1985, A new algorithm for CTD oxygen calibration: Journal of Physical Oceanography. v. 15, p. 621-631.

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

San Francisco Estuary Project Management Committee, 1994, Comprehensive conservation

and management plan. U.S. Environmental Protection Agency. 236 p.

Strickland, J.D.H. and Parsons, T.R, 1972, A practical handbook of seawater analysis: Fisheries Research Board Canada, Ottawa, Canada. 310 p.

Weiss, R.F., 1970, The solubility of nitrogen, oxygen and argon in water and seawater: Deep-Sea Research v.17, p. 721-735.

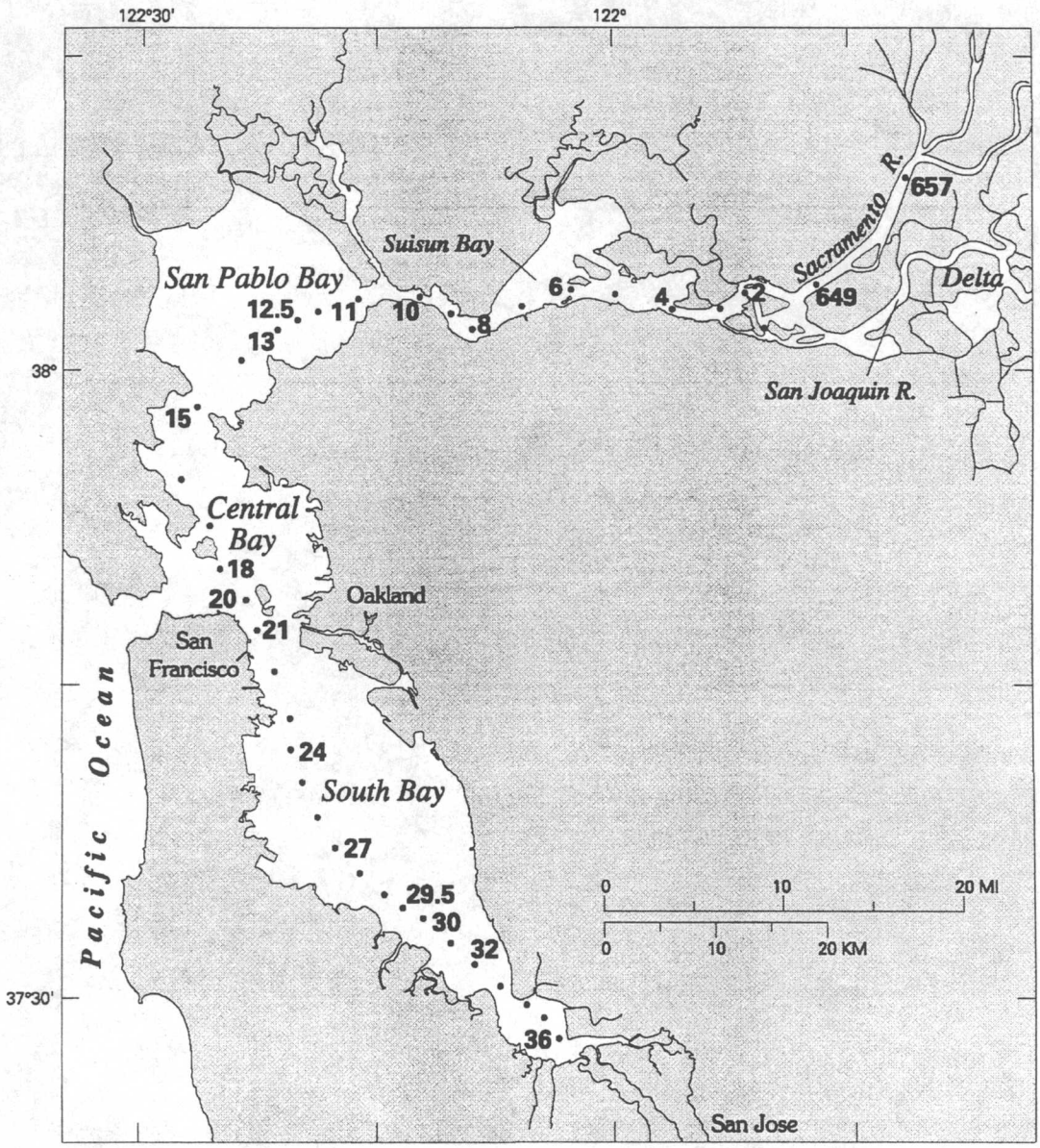


Figure 1 - Map of San Francisco Bay estuary showing locations of water sampling stations

(See table 1 for identification of stations)

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

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

| 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 | 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 1998

**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 | Other Stations |
| JAN | 6 | | | | | | | | | | | | | | | | | | |
| | 20 | | | | | | | | | | | | | | | | | | |
| FEB | 11 | | | | | | | | | | | | | | | | | | |
| | 19 | | | | | | | | | | | | | | | | | | 20 |
| | 26 | | | | | | | | | | | | | | | | | | |
| MAR | 5 | | | | | | | | | | | | | | | | | | |
| | 12 | | | | | | | | | | | | | | | | | | |
| | 17 | | | | | | | | | | | | | | | | | | |
| | 27 | | | | | | | | | | | | | | | | | | |
| APR | 2 | | | | | | | | | | | | | | | | | | |
| | 9 | | | | | | | | | | | | | | | | | | |
| | 14 | | | | | | | | | | | | | | | | | | |
| | 21 | | | | | | | | | | | | | | | | | | |
| | 28 | | | | | | | | | | | | | | | | | | |
| MAY | 5 | | | | | | | | | | | | | | | | | | |
| | 14 | | | | | | | | | | | | | | | | | | |
| | 19 | | | | | | | | | | | | | | | | | | |
| JUN | 2 | | | | | | | | | | | | | | | | | | |
| | 17 | | | | | | | | | | | | | | | | | | |
| JUL | 21 | | | | | | | | | | | | | | | | | | |
| AUG | 11 | | | | | | | | | | | | | | | | | | |
| SEP | 1 | | | | | | | | | | | | | | | | | | |
| OCT | 12 | | | | | | | | | | | | | | | | | | |
| NOV | 10 | | | | | | | | | | | | | | | | | | |
| DEC | 8 | | | | | | | | | | | | | | | | | | |

**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 | 6 | | | | | | | | | | | | | | | | | | | | | |
| FEB | 18 | | | | | | | | | | | | | | | | | | | | | |
| MAR | 17 | | | | | | | | | | | | | | | | | | | | | |
| APR | 14 | | | | | | | | | | | | | | | | | | | | | |
| MAY | 19 | | | | | | | | | | | | | | | | | | | | | |
| JUN | 17 | | | | | | | | | | | | | | | | | | | | | |
| JUL | 21 | | | | | | | | | | | | | | | | | | | | | |
| AUG | 11 | | | | | | | | | | | | | | | | | | | | | |
| SEP | 9 | | | | | | | | | | | | | | | | | | | | | |
| OCT | 12 | | | | | | | | | | | | | | | | | | | | | |
| NOV | 10 | | | | | | | | | | | | | | | | | | | | | |
| DEC | 8 | | | | | | | | | | | | | | | | | | | | | |

APPENDIX A

Data Summaries of Hydrographic Properties

Explanation of Abbreviations and Units

| Variable | Abbreviation | Units |
|---|---|---|
| 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 6, 1998 | 98006

| 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 | 1837 | 1.0 | | | 0.30 | 1.9 | | 10.2 | 9.8 | 85 | | 0.16 | 25 | | 0.11 | 9.20 | 0.00 |
| 657.0 | 1837 | 2.0 | 2.2 | 0.64 | 0.30 | 2.0 | 10.0 | 10.2 | 9.8 | 85 | 24.5 | 0.16 | 25 | | 0.11 | 9.22 | 0.00 |
| 657.0 | 1837 | 3.0 | | | 0.31 | 2.0 | | 10.2 | 9.8 | 85 | | 0.17 | 26 | | 0.11 | 9.22 | 0.00 |
| 657.0 | 1837 | 4.0 | | | 0.31 | 2.0 | | 10.2 | 9.8 | 85 | | 0.17 | 27 | | 0.11 | 9.22 | 0.00 |
| 657.0 | 1837 | 5.0 | | | 0.30 | 2.0 | | 10.2 | 9.8 | 85 | | 0.17 | 27 | | 0.11 | 9.22 | 0.00 |
| 657.0 | 1837 | 6.0 | | | 0.31 | 2.1 | | 10.2 | 9.8 | 85 | | 0.17 | 27 | | 0.11 | 9.22 | 0.00 |
| 657.0 | 1837 | 7.0 | | | 0.31 | 2.0 | | 10.2 | 9.8 | 85 | | 0.17 | 27 | | 0.11 | 9.22 | 0.00 |
| 657.0 | 1837 | 8.0 | | | 0.31 | 2.1 | | 10.2 | 9.8 | 85 | | 0.17 | 27 | | 0.11 | 9.21 | 0.00 |
| 657.0 | 1837 | 9.0 | | | 0.31 | 2.0 | | 10.2 | 9.8 | 85 | | 0.17 | 27 | | 0.11 | 9.22 | 0.00 |
| 657.0 | 1837 | 10.0 | | | 0.30 | 1.9 | | 10.2 | 9.8 | 85 | | 0.17 | 27 | | 0.11 | 9.23 | 0.00 |
| 657.0 | 1837 | 11.0 | 2.1 | 0.55 | 0.30 | 2.0 | | 10.2 | 9.8 | 85 | | 0.18 | 28 | | 0.11 | 9.23 | 0.00 |
| 649.0 | 1738 | 1.0 | | | 0.25 | 1.5 | | 10.3 | 9.8 | 85 | | 0.17 | 26 | | 0.11 | 8.96 | 0.00 |
| 649.0 | 1738 | 2.0 | 2.1 | 0.61 | 0.26 | 1.6 | 9.7 | 10.4 | 9.9 | 85 | 26.5 | 0.17 | 26 | | 0.11 | 8.96 | 0.00 |
| 649.0 | 1738 | 3.0 | | | 0.26 | 1.6 | | 10.4 | 9.9 | 85 | | 0.17 | 26 | | 0.11 | 8.96 | 0.00 |
| 649.0 | 1738 | 4.0 | | | 0.25 | 1.5 | | 10.4 | 9.9 | 85 | | 0.17 | 26 | | 0.11 | 8.96 | 0.00 |
| 649.0 | 1738 | 5.0 | | | 0.25 | 1.5 | | 10.4 | 9.9 | 85 | | 0.17 | 26 | | 0.11 | 8.96 | 0.00 |
| 649.0 | 1738 | 6.0 | | | 0.25 | 1.5 | | 10.4 | 9.9 | 85 | | 0.17 | 26 | | 0.11 | 8.96 | 0.00 |
| 649.0 | 1738 | 7.0 | | | 0.25 | 1.5 | | 10.4 | 9.9 | 86 | | 0.17 | 27 | | 0.11 | 8.96 | 0.00 |
| 649.0 | 1738 | 8.0 | | | 0.25 | 1.5 | | 10.4 | 9.9 | 85 | | 0.18 | 28 | | 0.11 | 8.96 | 0.00 |
| 649.0 | 1738 | 9.0 | | | 0.25 | 1.5 | | 10.4 | 9.9 | 85 | | 0.18 | 29 | | 0.11 | 8.96 | 0.00 |
| 649.0 | 1738 | 10.0 | | | 0.25 | 1.5 | | 10.4 | 9.9 | 85 | | 0.19 | 30 | | 0.11 | 8.96 | 0.00 |
| 649.0 | 1738 | 11.0 | 1.5 | 0.43 | 0.25 | 1.5 | | 10.4 | 9.9 | 85 | | 0.21 | 33 | | 0.11 | 8.96 | 0.00 |
| 2.0 | 1714 | 1.0 | | | 0.20 | 1.1 | | 10.5 | 9.9 | 85 | | 0.19 | 30 | | 0.55 | 8.43 | 0.26 |
| 2.0 | 1714 | 2.0 | | | 0.20 | 1.1 | | 10.5 | 10.0 | 85 | | 0.18 | 28 | | 0.56 | 8.43 | 0.26 |
| 2.0 | 1714 | 3.0 | | | 0.20 | 1.1 | | 10.5 | 10.0 | 85 | | 0.18 | 28 | | 0.56 | 8.43 | 0.26 |
| 2.0 | 1714 | 4.0 | | | 0.20 | 1.1 | | 10.5 | 9.9 | 85 | | 0.18 | 29 | | 0.58 | 8.42 | 0.28 |
| 2.0 | 1714 | 5.0 | | | 0.21 | 1.2 | | 10.4 | 9.9 | 85 | | 0.19 | 30 | | 0.64 | 8.40 | 0.33 |
| 2.0 | 1714 | 6.0 | | | 0.21 | 1.2 | | 10.4 | 9.9 | 85 | | 0.21 | 33 | | 0.81 | 8.33 | 0.47 |
| 2.0 | 1714 | 7.0 | | | 0.21 | 1.2 | | 10.4 | 9.9 | 85 | | 0.22 | 36 | | 0.88 | 8.31 | 0.52 |
| 2.0 | 1714 | 8.0 | | | 0.21 | 1.2 | | 10.4 | 9.9 | 85 | | 0.25 | 40 | | 0.97 | 8.28 | 0.60 |
| 2.0 | 1714 | 9.0 | | | 0.21 | 1.2 | | 10.4 | 9.9 | 85 | | 0.25 | 41 | | 0.99 | 8.28 | 0.62 |
| 2.0 | 1714 | 10.0 | | | 0.22 | 1.3 | | 10.4 | 9.9 | 85 | | 0.29 | 48 | | 1.11 | 8.26 | 0.71 |
| 2.0 | 1714 | 11.0 | | | 0.22 | 1.3 | | 10.4 | 9.9 | 85 | | 0.40 | 66 | | 1.26 | 8.23 | 0.83 |
| 3.0 | 1657 | 1.0 | | | 0.21 | 1.2 | | 10.4 | 9.9 | 85 | | 0.27 | 43 | | 0.95 | 8.28 | 0.58 |
| 3.0 | 1657 | 2.0 | 1.0 | 0.49 | 0.21 | 1.2 | 10.0 | 10.5 | 9.9 | 85 | 33.1 | 0.26 | 42 | | 0.89 | 8.28 | 0.54 |
| 3.0 | 1657 | 3.0 | | | 0.21 | 1.2 | | 10.5 | 9.9 | 85 | | 0.25 | 41 | | 0.90 | 8.28 | 0.54 |
| 3.0 | 1657 | 4.0 | | | 0.21 | 1.2 | | 10.5 | 9.9 | 85 | | 0.25 | 41 | | 0.89 | 8.28 | 0.53 |
| 3.0 | 1657 | 5.0 | | | 0.21 | 1.2 | | 10.4 | 9.9 | 85 | | 0.31 | 51 | | 1.12 | 8.27 | 0.72 |
| 3.0 | 1657 | 6.0 | | | 0.21 | 1.2 | | 10.4 | 9.9 | 85 | | 0.32 | 52 | | 1.14 | 8.27 | 0.73 |
| 3.0 | 1657 | 7.0 | | | 0.22 | 1.2 | | 10.4 | 9.9 | 85 | | 0.32 | 52 | | 1.16 | 8.27 | 0.75 |

North San Francisco Bay | January 6, 1998 | 98006

| 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 | 1657 | 8.0 | | | 0.22 | 1.2 | | 10.4 | 9.9 | 85 | | 0.30 | 49 | | 1.12 | 8.27 | 0.72 |
| 3.0 | 1657 | 9.0 | | | 0.22 | 1.3 | | 10.4 | 9.9 | 85 | | 0.32 | 52 | | 1.24 | 8.26 | 0.81 |
| 3.0 | 1657 | 10.0 | | | 0.22 | 1.3 | | 10.4 | 9.9 | 85 | | 0.34 | 56 | | 1.28 | 8.26 | 0.85 |
| 3.0 | 1657 | 11.0 | 0.9 | 0.41 | 0.22 | 1.3 | | 10.4 | 9.9 | 85 | | 0.36 | 59 | | 1.30 | 8.26 | 0.86 |
| 4.0 | 1631 | 1.0 | | | 0.22 | 1.3 | | 10.4 | 9.9 | 85 | | 0.33 | 54 | 2.4 | 1.54 | 8.28 | 1.05 |
| 4.0 | 1631 | 2.0 | | | 0.22 | 1.3 | | 10.4 | 9.9 | 85 | | 0.36 | 58 | | 1.61 | 8.30 | 1.11 |
| 4.0 | 1631 | 3.0 | | | 0.22 | 1.2 | | 10.4 | 9.9 | 85 | | 0.35 | 57 | | 1.74 | 8.31 | 1.20 |
| 4.0 | 1631 | 4.0 | | | 0.22 | 1.3 | | 10.4 | 9.9 | 85 | | 0.35 | 57 | | 1.77 | 8.32 | 1.23 |
| 4.0 | 1631 | 5.0 | | | 0.22 | 1.3 | | 10.4 | 9.9 | 85 | | 0.34 | 55 | | 1.79 | 8.32 | 1.24 |
| 4.0 | 1631 | 6.0 | | | 0.22 | 1.3 | | 10.4 | 9.9 | 85 | | 0.34 | 56 | | 1.83 | 8.32 | 1.28 |
| 4.0 | 1631 | 7.0 | | | 0.22 | 1.3 | | 10.4 | 9.9 | 85 | | 0.34 | 55 | | 1.88 | 8.33 | 1.31 |
| 4.0 | 1631 | 8.0 | | | 0.22 | 1.3 | | 10.4 | 9.9 | 85 | | 0.34 | 55 | | 1.88 | 8.33 | 1.32 |
| 4.0 | 1631 | 9.0 | | | 0.22 | 1.3 | | 10.4 | 9.9 | 85 | | 0.34 | 55 | | 1.91 | 8.34 | 1.34 |
| 4.0 | 1631 | 10.0 | | | 0.22 | 1.3 | | 10.4 | 9.9 | 86 | | 0.34 | 55 | | 1.90 | 8.34 | 1.33 |
| 4.0 | 1631 | 11.0 | | | 0.22 | 1.3 | | 10.4 | 9.9 | 86 | | 0.34 | 55 | | 1.92 | 8.34 | 1.34 |
| 4.0 | 1631 | 12.0 | | | 0.23 | 1.3 | | 10.4 | 9.9 | 86 | | 0.34 | 56 | | 1.97 | 8.35 | 1.38 |
| 4.0 | 1631 | 13.0 | | | 0.22 | 1.3 | | 10.4 | 9.9 | 86 | | 0.35 | 56 | | 1.99 | 8.36 | 1.40 |
| 4.0 | 1631 | 14.0 | | | 0.22 | 1.3 | | 10.4 | 9.9 | 86 | | 0.35 | 57 | | 1.99 | 8.36 | 1.40 |
| 4.0 | 1631 | 15.0 | | | 0.22 | 1.3 | | 10.4 | 9.9 | 86 | | 0.35 | 57 | | 2.00 | 8.36 | 1.40 |
| 4.0 | 1631 | 16.0 | | | 0.23 | 1.3 | | 10.4 | 9.9 | 86 | | 0.35 | 57 | | 2.01 | 8.36 | 1.41 |
| 4.0 | 1631 | 17.0 | | | 0.23 | 1.4 | | 10.4 | 9.9 | 86 | | 0.35 | 57 | | 2.01 | 8.36 | 1.41 |
| 5.0 | 1610 | 1.0 | | | 0.23 | 1.3 | | 10.3 | 9.8 | 86 | | 0.39 | 63 | | 2.94 | 8.41 | 2.14 |
| 5.0 | 1610 | 2.0 | | | 0.23 | 1.4 | | 10.3 | 9.8 | 86 | | 0.39 | 63 | | 2.95 | 8.41 | 2.15 |
| 5.0 | 1610 | 3.0 | | | 0.23 | 1.4 | | 10.3 | 9.8 | 86 | | 0.40 | 65 | | 2.95 | 8.41 | 2.15 |
| 5.0 | 1610 | 4.0 | | | 0.23 | 1.3 | | 10.3 | 9.8 | 86 | | 0.39 | 64 | | 2.94 | 8.41 | 2.14 |
| 5.0 | 1610 | 5.0 | | | 0.23 | 1.4 | | 10.3 | 9.8 | 86 | | 0.40 | 65 | | 2.97 | 8.41 | 2.17 |
| 5.0 | 1610 | 6.0 | | | 0.23 | 1.4 | | 10.3 | 9.8 | 86 | | 0.40 | 65 | | 3.03 | 8.41 | 2.21 |
| 5.0 | 1610 | 7.0 | | | 0.24 | 1.4 | | 10.3 | 9.8 | 86 | | 0.40 | 66 | | 3.04 | 8.41 | 2.22 |
| 5.0 | 1610 | 8.0 | | | 0.24 | 1.4 | | 10.3 | 9.8 | 86 | | 0.40 | 66 | | 3.06 | 8.41 | 2.24 |
| 5.0 | 1610 | 9.0 | | | 0.24 | 1.4 | | 10.3 | 9.8 | 86 | | 0.41 | 68 | | 3.07 | 8.41 | 2.25 |
| 5.0 | 1610 | 10.0 | | | 0.23 | 1.4 | | 10.3 | 9.8 | 86 | | 0.41 | 68 | | 3.09 | 8.41 | 2.26 |
| 5.0 | 1610 | 11.0 | | | 0.16 | 0.7 | | 10.3 | 9.8 | 86 | | 0.42 | 69 | | 3.09 | 8.41 | 2.26 |
| 5.0 | 1610 | 12.0 | | | 0.13 | 0.5 | | 10.3 | 9.8 | 86 | | 0.40 | 65 | | 3.09 | 8.41 | 2.26 |
| 6.0 | 1545 | 1.0 | | | 0.24 | 1.4 | | 10.1 | 9.7 | 86 | | 0.48 | 80 | 4.3 | 5.24 | 8.65 | 3.92 |
| 6.0 | 1545 | 2.0 | 0.9 | 0.32 | 0.24 | 1.4 | 9.6 | 10.1 | 9.7 | 86 | 78.2 | 0.48 | 79 | | 5.24 | 8.65 | 3.92 |
| 6.0 | 1545 | 3.0 | | | 0.24 | 1.4 | | 10.1 | 9.7 | 86 | | 0.48 | 79 | | 5.29 | 8.66 | 3.96 |
| 6.0 | 1545 | 4.0 | | | 0.24 | 1.4 | | 10.1 | 9.7 | 86 | | 0.49 | 80 | | 5.33 | 8.66 | 3.99 |
| 6.0 | 1545 | 5.0 | | | 0.24 | 1.4 | | 10.2 | 9.7 | 86 | | 0.49 | 81 | | 5.35 | 8.66 | 4.01 |
| 6.0 | 1545 | 6.0 | | | 0.24 | 1.5 | | 10.1 | 9.7 | 86 | | 0.49 | 81 | | 5.43 | 8.67 | 4.07 |
| 6.0 | 1545 | 7.0 | | | 0.24 | 1.5 | | 10.1 | 9.7 | 87 | | 0.50 | 83 | | 5.51 | 8.68 | 4.14 |

North San Francisco Bay | January 6, 1998 | 98006

| 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 | 1545 | 8.0 | | | 0.24 | 1.5 | | 10.1 | 9.7 | 86 | | 0.51 | 84 | | 5.52 | 8.68 | 4.14 |
| 6.0 | 1545 | 9.0 | | | 0.24 | 1.5 | | 10.1 | 9.7 | 86 | | 0.51 | 84 | | 5.52 | 8.68 | 4.14 |
| 6.0 | 1545 | 10.0 | 1.1 | 0.32 | 0.24 | 1.5 | | 10.1 | 9.7 | 87 | | 0.51 | 84 | | 5.54 | 8.68 | 4.16 |
| 7.0 | 1514 | 1.0 | | | 0.23 | 1.4 | | 9.9 | 9.5 | 87 | | 0.42 | 68 | 3.7 | 8.12 | 9.01 | 6.14 |
| 7.0 | 1514 | 2.0 | | | 0.24 | 1.4 | | 9.9 | 9.5 | 87 | | 0.42 | 69 | | 8.13 | 9.02 | 6.15 |
| 7.0 | 1514 | 3.0 | | | 0.24 | 1.4 | | 9.9 | 9.5 | 87 | | 0.43 | 70 | | 8.17 | 9.02 | 6.18 |
| 7.0 | 1514 | 4.0 | | | 0.24 | 1.5 | | 9.9 | 9.6 | 87 | | 0.44 | 72 | | 8.25 | 9.04 | 6.24 |
| 7.0 | 1514 | 5.0 | | | 0.24 | 1.5 | | 9.9 | 9.6 | 88 | | 0.46 | 75 | | 8.43 | 9.07 | 6.38 |
| 7.0 | 1514 | 6.0 | | | 0.25 | 1.5 | | 9.9 | 9.5 | 88 | | 0.51 | 84 | | 8.62 | 9.10 | 6.53 |
| 7.0 | 1514 | 7.0 | | | 0.25 | 1.5 | | 9.9 | 9.5 | 88 | | 0.55 | 91 | | 8.77 | 9.13 | 6.64 |
| 7.0 | 1514 | 8.0 | | | 0.25 | 1.6 | | 9.9 | 9.5 | 87 | | 0.59 | 98 | | 8.80 | 9.13 | 6.66 |
| 7.0 | 1514 | 9.0 | | | 0.25 | 1.6 | | 9.9 | 9.5 | 88 | | 0.60 | 99 | | 8.80 | 9.13 | 6.66 |
| 7.0 | 1514 | 10.0 | | | 0.25 | 1.6 | | 9.9 | 9.5 | 88 | | 0.61 | 100 | | 8.89 | 9.14 | 6.73 |
| 7.0 | 1514 | 11.0 | | | 0.25 | 1.6 | | 9.9 | 9.5 | 88 | | 0.62 | 103 | | 8.90 | 9.15 | 6.74 |
| 7.0 | 1514 | 12.0 | | | 0.25 | 1.6 | | 9.8 | 9.5 | 87 | | 0.62 | 103 | | 8.90 | 9.15 | 6.74 |
| 8.0 | 1444 | 1.0 | | | 0.24 | 1.4 | | 9.9 | 9.5 | 89 | | 0.46 | 76 | 4.5 | 10.09 | 9.35 | 7.64 |
| 8.0 | 1444 | 2.0 | | | 0.24 | 1.4 | | 9.8 | 9.5 | 89 | | 0.46 | 76 | | 10.13 | 9.35 | 7.68 |
| 8.0 | 1444 | 3.0 | | | 0.24 | 1.4 | | 9.8 | 9.5 | 89 | | 0.46 | 75 | | 10.26 | 9.36 | 7.77 |
| 8.0 | 1444 | 4.0 | | | 0.24 | 1.4 | | 9.8 | 9.5 | 89 | | 0.45 | 74 | | 10.41 | 9.36 | 7.89 |
| 8.0 | 1444 | 5.0 | | | 0.24 | 1.4 | | 9.8 | 9.5 | 89 | | 0.44 | 72 | | 10.49 | 9.36 | 7.95 |
| 8.0 | 1444 | 6.0 | | | 0.24 | 1.4 | | 9.8 | 9.5 | 89 | | 0.44 | 72 | | 10.63 | 9.37 | 8.06 |
| 8.0 | 1444 | 7.0 | | | 0.24 | 1.4 | | 9.8 | 9.5 | 89 | | 0.45 | 75 | | 10.75 | 9.39 | 8.15 |
| 8.0 | 1444 | 8.0 | | | 0.24 | 1.4 | | 9.8 | 9.5 | 89 | | 0.46 | 76 | | 10.87 | 9.40 | 8.24 |
| 8.0 | 1444 | 9.0 | | | 0.24 | 1.4 | | 9.8 | 9.5 | 89 | | 0.46 | 76 | | 11.04 | 9.43 | 8.37 |
| 8.0 | 1444 | 10.0 | | | 0.24 | 1.5 | | 9.7 | 9.4 | 89 | | 0.51 | 84 | | 11.53 | 9.50 | 8.74 |
| 8.0 | 1444 | 11.0 | | | 0.25 | 1.5 | | 9.7 | 9.4 | 89 | | 0.53 | 88 | | 11.65 | 9.53 | 8.84 |
| 8.0 | 1444 | 12.0 | | | 0.25 | 1.5 | | 9.7 | 9.4 | 89 | | 0.53 | 88 | | 11.66 | 9.53 | 8.84 |
| 8.0 | 1444 | 13.0 | | | 0.25 | 1.5 | | 9.7 | 9.4 | 89 | | 0.54 | 90 | | 11.69 | 9.53 | 8.87 |
| 9.0 | 1410 | 1.0 | | | 0.23 | 1.4 | | 9.6 | 9.3 | 89 | | 0.36 | 58 | 4.0 | 12.53 | 9.64 | 9.51 |
| 9.0 | 1410 | 2.0 | 1.2 | 0.44 | 0.23 | 1.4 | 9.3 | 9.6 | 9.3 | 89 | 64.7 | 0.35 | 57 | | 12.63 | 9.66 | 9.58 |
| 9.0 | 1410 | 3.0 | | | 0.23 | 1.4 | | 9.5 | 9.3 | 89 | | 0.35 | 57 | | 12.84 | 9.68 | 9.75 |
| 9.0 | 1410 | 4.0 | | | 0.24 | 1.4 | | 9.5 | 9.3 | 89 | | 0.36 | 59 | | 13.01 | 9.69 | 9.87 |
| 9.0 | 1410 | 5.0 | | | 0.24 | 1.4 | | 9.5 | 9.2 | 89 | | 0.37 | 61 | | 13.21 | 9.71 | 10.03 |
| 9.0 | 1410 | 6.0 | | | 0.24 | 1.4 | | 9.5 | 9.3 | 89 | | 0.39 | 64 | | 13.22 | 9.71 | 10.04 |
| 9.0 | 1410 | 7.0 | | | 0.24 | 1.4 | | 9.5 | 9.2 | 89 | | 0.40 | 66 | | 13.32 | 9.71 | 10.11 |
| 9.0 | 1410 | 8.0 | | | 0.24 | 1.4 | | 9.5 | 9.2 | 89 | | 0.42 | 68 | | 13.37 | 9.72 | 10.15 |
| 9.0 | 1410 | 9.0 | | | 0.24 | 1.4 | | 9.5 | 9.2 | 89 | | 0.42 | 69 | | 13.38 | 9.72 | 10.16 |
| 9.0 | 1410 | 10.0 | | | 0.24 | 1.4 | | 9.5 | 9.2 | 89 | | 0.43 | 70 | | 13.38 | 9.72 | 10.16 |
| 9.0 | 1410 | 11.0 | | | 0.24 | 1.4 | | 9.5 | 9.2 | 89 | | 0.43 | 70 | | 13.39 | 9.72 | 10.17 |
| 9.0 | 1410 | 12.0 | | | 0.24 | 1.4 | | 9.5 | 9.2 | 89 | | 0.43 | 70 | | 13.43 | 9.73 | 10.20 |

North San Francisco Bay | January 6, 1998 | 98006

| 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 | 1410 | 13.0 | | | 0.24 | 1.4 | | 9.5 | 9.2 | 89 | | 0.43 | 70 | | 13.45 | 9.73 | 10.22 |
| 9.0 | 1410 | 14.0 | | | 0.24 | 1.4 | | 9.5 | 9.2 | 89 | | 0.43 | 71 | | 13.46 | 9.73 | 10.23 |
| 9.0 | 1410 | 15.0 | | | 0.24 | 1.4 | | 9.5 | 9.2 | 89 | | 0.43 | 71 | | 13.51 | 9.73 | 10.26 |
| 9.0 | 1410 | 16.0 | | | 0.24 | 1.4 | | 9.5 | 9.2 | 89 | | 0.43 | 71 | | 13.64 | 9.75 | 10.36 |
| 9.0 | 1410 | 17.0 | | | 0.24 | 1.4 | | 9.4 | 9.2 | 89 | | 0.44 | 73 | | 13.72 | 9.76 | 10.42 |
| 9.0 | 1410 | 18.0 | | | 0.24 | 1.4 | | 9.4 | 9.2 | 89 | | 0.44 | 73 | | 13.65 | 9.75 | 10.37 |
| 9.0 | 1410 | 19.0 | | | 0.24 | 1.4 | | 9.4 | 9.2 | 89 | | 0.44 | 73 | | 13.66 | 9.75 | 10.38 |
| 9.0 | 1410 | 20.0 | | | 0.24 | 1.4 | | 9.5 | 9.2 | 89 | | 0.44 | 72 | | 13.64 | 9.75 | 10.36 |
| 9.0 | 1410 | 21.0 | | | 0.24 | 1.4 | | 9.4 | 9.2 | 89 | | 0.44 | 73 | | 13.66 | 9.75 | 10.38 |
| 9.0 | 1410 | 22.0 | | | 0.24 | 1.4 | | 9.5 | 9.2 | 89 | | 0.44 | 72 | | 13.61 | 9.74 | 10.34 |
| 9.0 | 1410 | 23.0 | | | 0.24 | 1.5 | | 9.4 | 9.2 | 89 | | 0.45 | 74 | | 13.90 | 9.78 | 10.56 |
| 9.0 | 1410 | 24.0 | | | 0.24 | 1.4 | | 9.4 | 9.2 | 89 | | 0.47 | 78 | | 14.13 | 9.80 | 10.73 |
| 9.0 | 1410 | 25.0 | | | 0.24 | 1.5 | | 9.4 | 9.2 | 89 | | 0.48 | 80 | | 14.20 | 9.81 | 10.79 |
| 9.0 | 1410 | 26.0 | | | 0.25 | 1.5 | | 9.4 | 9.2 | 89 | | 0.50 | 83 | | 14.66 | 9.86 | 11.14 |
| 9.0 | 1410 | 27.0 | 0.6 | 0.30 | 0.24 | 1.5 | | 9.4 | 9.2 | 89 | | 0.54 | 90 | | 14.97 | 9.89 | 11.37 |
| 10.0 | 1351 | 1.0 | | | 0.23 | 1.4 | | 9.5 | 9.2 | 89 | | 0.33 | 53 | 3.5 | 14.22 | 9.82 | 10.80 |
| 10.0 | 1351 | 2.0 | | | 0.23 | 1.4 | | 9.4 | 9.2 | 89 | | 0.32 | 52 | | 14.38 | 9.82 | 10.92 |
| 10.0 | 1351 | 3.0 | | | 0.23 | 1.4 | | 9.4 | 9.2 | 89 | | 0.32 | 53 | | 14.49 | 9.83 | 11.01 |
| 10.0 | 1351 | 4.0 | | | 0.23 | 1.4 | | 9.5 | 9.2 | 90 | | 0.33 | 53 | | 14.70 | 9.86 | 11.17 |
| 10.0 | 1351 | 5.0 | | | 0.24 | 1.4 | | 9.5 | 9.2 | 90 | | 0.33 | 54 | | 15.21 | 9.93 | 11.56 |
| 10.0 | 1351 | 6.0 | | | 0.24 | 1.4 | | 9.4 | 9.2 | 90 | | 0.34 | 56 | | 16.07 | 10.02 | 12.21 |
| 10.0 | 1351 | 7.0 | | | 0.24 | 1.4 | | 9.3 | 9.1 | 90 | | 0.36 | 59 | | 16.56 | 10.07 | 12.59 |
| 10.0 | 1351 | 8.0 | | | 0.24 | 1.5 | | 9.3 | 9.1 | 90 | | 0.39 | 63 | | 16.88 | 10.11 | 12.83 |
| 10.0 | 1351 | 9.0 | | | 0.25 | 1.5 | | 9.2 | 9.1 | 90 | | 0.42 | 69 | | 17.31 | 10.18 | 13.15 |
| 10.0 | 1351 | 10.0 | | | 0.25 | 1.5 | | 9.2 | 9.0 | 90 | | 0.46 | 76 | | 17.55 | 10.19 | 13.34 |
| 10.0 | 1351 | 11.0 | | | 0.25 | 1.5 | | 9.2 | 9.0 | 90 | | 0.48 | 79 | | 17.71 | 10.24 | 13.46 |
| 10.0 | 1351 | 12.0 | | | 0.25 | 1.5 | | 9.2 | 9.0 | 90 | | 0.51 | 84 | | 17.85 | 10.24 | 13.56 |
| 10.0 | 1351 | 13.0 | | | 0.25 | 1.5 | | 9.2 | 9.0 | 90 | | 0.52 | 87 | | 17.96 | 10.25 | 13.65 |
| 10.0 | 1351 | 14.0 | | | 0.25 | 1.5 | | 9.1 | 9.0 | 90 | | 0.53 | 88 | | 18.04 | 10.26 | 13.71 |
| 10.0 | 1351 | 15.0 | | | 0.25 | 1.5 | | 9.1 | 9.0 | 90 | | 0.54 | 90 | | 18.11 | 10.27 | 13.77 |
| 10.0 | 1351 | 16.0 | | | 0.24 | 1.4 | | 9.1 | 9.0 | 90 | | 0.55 | 90 | | 18.15 | 10.27 | 13.80 |
| 10.0 | 1351 | 17.0 | | | 0.24 | 1.4 | | 9.1 | 9.0 | 90 | | 0.55 | 90 | | 18.22 | 10.27 | 13.85 |
| 11.0 | 1316 | 1.0 | | | 0.25 | 1.5 | | 8.9 | 8.9 | 90 | | 0.48 | 80 | 5.0 | 19.82 | 10.49 | 15.06 |
| 11.0 | 1316 | 2.0 | | | 0.25 | 1.5 | | 8.9 | 8.9 | 90 | | 0.50 | 83 | | 19.91 | 10.50 | 15.13 |
| 11.0 | 1316 | 3.0 | | | 0.25 | 1.5 | | 8.9 | 8.8 | 90 | | 0.51 | 85 | | 19.92 | 10.50 | 15.13 |
| 11.0 | 1316 | 4.0 | | | 0.25 | 1.6 | | 8.9 | 8.9 | 90 | | 0.52 | 86 | | 19.97 | 10.51 | 15.17 |
| 11.0 | 1316 | 5.0 | | | 0.26 | 1.6 | | 8.9 | 8.9 | 90 | | 0.52 | 87 | | 20.09 | 10.53 | 15.27 |
| 11.0 | 1316 | 6.0 | | | 0.26 | 1.6 | | 8.9 | 8.8 | 90 | | 0.54 | 88 | | 20.29 | 10.56 | 15.42 |
| 11.0 | 1316 | 7.0 | | | 0.26 | 1.6 | | 8.9 | 8.8 | 90 | | 0.56 | 92 | | 20.43 | 10.58 | 15.52 |
| 11.0 | 1316 | 8.0 | | | 0.26 | 1.7 | | 8.9 | 8.8 | 91 | | 0.59 | 98 | | 20.48 | 10.59 | 15.56 |
| 11.0 | 1316 | 9.0 | | | 0.27 | 1.7 | | 8.9 | 8.8 | 91 | | 0.61 | 101 | | 20.69 | 10.63 | 15.71 |

North San Francisco Bay | January 6, 1998 | 98006

| 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 | 1316 | 10.0 | | | 0.27 | 1.7 | | 8.9 | 8.8 | 91 | | 0.63 | 104 | | 20.91 | 10.66 | 15.88 |
| 11.0 | 1316 | 11.0 | | | 0.27 | 1.7 | | 8.9 | 8.8 | 91 | | 0.68 | 113 | | 21.09 | 10.69 | 16.02 |
| 11.0 | 1316 | 12.0 | | | 0.27 | 1.7 | | 8.9 | 8.8 | 91 | | 0.77 | 128 | | 21.23 | 10.70 | 16.13 |
| 11.0 | 1316 | 13.0 | | | 0.27 | 1.7 | | 8.8 | 8.8 | 91 | | 0.80 | 133 | | 21.29 | 10.72 | 16.17 |
| 11.0 | 1316 | 14.0 | | | 0.26 | 1.6 | | 8.8 | 8.8 | 91 | | 0.85 | 142 | | 21.41 | 10.72 | 16.26 |
| 12.0 | 1251 | 1.0 | | | 0.24 | 1.4 | | 8.9 | 8.8 | 91 | | 0.41 | 67 | 3.9 | 20.80 | 10.63 | 15.80 |
| 12.0 | 1251 | 2.0 | | | 0.24 | 1.4 | | 9.0 | 8.9 | 91 | | 0.41 | 67 | | 20.88 | 10.64 | 15.86 |
| 12.0 | 1251 | 3.0 | | | 0.25 | 1.5 | | 8.9 | 8.8 | 91 | | 0.42 | 68 | | 21.23 | 10.69 | 16.12 |
| 12.0 | 1251 | 4.0 | | | 0.25 | 1.5 | | 8.9 | 8.8 | 91 | | 0.45 | 74 | | 21.28 | 10.70 | 16.16 |
| 12.0 | 1251 | 5.0 | | | 0.25 | 1.6 | | 8.9 | 8.8 | 91 | | 0.47 | 78 | | 21.40 | 10.71 | 16.25 |
| 12.0 | 1251 | 6.0 | | | 0.26 | 1.6 | | 8.9 | 8.8 | 91 | | 0.48 | 79 | | 21.46 | 10.72 | 16.30 |
| 12.0 | 1251 | 7.0 | | | 0.26 | 1.6 | | 8.9 | 8.8 | 91 | | 0.49 | 80 | | 21.47 | 10.72 | 16.31 |
| 12.0 | 1251 | 8.0 | | | 0.26 | 1.6 | | 8.9 | 8.8 | 91 | | 0.49 | 81 | | 21.49 | 10.73 | 16.32 |
| 13.0 | 1220 | 1.0 | | | 0.22 | 1.2 | | 9.0 | 8.9 | 93 | | 0.11 | 17 | 1.7 | 22.31 | 10.83 | 16.94 |
| 13.0 | 1220 | 2.0 | 1.5 | 0.59 | 0.21 | 1.2 | 8.8 | 8.8 | 8.8 | 93 | 19.0 | 0.13 | 19 | | 23.66 | 11.01 | 17.96 |
| 13.0 | 1220 | 3.0 | | | 0.21 | 1.2 | | 8.8 | 8.8 | 93 | | 0.13 | 20 | | 23.94 | 11.04 | 18.17 |
| 13.0 | 1220 | 4.0 | | | 0.21 | 1.1 | | 8.8 | 8.8 | 93 | | 0.14 | 21 | | 24.15 | 11.08 | 18.33 |
| 13.0 | 1220 | 5.0 | | | 0.21 | 1.2 | | 8.8 | 8.7 | 93 | | 0.15 | 22 | | 24.48 | 11.15 | 18.58 |
| 13.0 | 1220 | 6.0 | | | 0.21 | 1.2 | | 8.7 | 8.7 | 93 | | 0.16 | 24 | | 24.68 | 11.19 | 18.73 |
| 13.0 | 1220 | 7.0 | | | 0.22 | 1.2 | | 8.7 | 8.7 | 93 | | 0.18 | 28 | | 24.72 | 11.20 | 18.75 |
| 13.0 | 1220 | 8.0 | | | 0.22 | 1.3 | | 8.7 | 8.7 | 93 | | 0.19 | 29 | | 24.76 | 11.21 | 18.78 |
| 13.0 | 1220 | 9.0 | 1.4 | 0.53 | 0.22 | 1.3 | | 8.7 | 8.7 | 93 | | 0.20 | 31 | | 24.84 | 11.23 | 18.84 |
| 14.0 | 1137 | 1.0 | | | 0.22 | 1.3 | | 8.7 | 8.7 | 92 | | 0.14 | 21 | 1.8 | 24.13 | 11.11 | 18.31 |
| 14.0 | 1137 | 2.0 | | | 0.22 | 1.3 | | 8.7 | 8.7 | 92 | | 0.14 | 21 | | 24.22 | 11.11 | 18.38 |
| 14.0 | 1137 | 3.0 | | | 0.22 | 1.2 | | 8.8 | 8.7 | 93 | | 0.13 | 19 | | 24.49 | 11.12 | 18.59 |
| 14.0 | 1137 | 4.0 | | | 0.22 | 1.3 | | 8.7 | 8.7 | 93 | | 0.12 | 17 | | 24.90 | 11.20 | 18.89 |
| 14.0 | 1137 | 5.0 | | | 0.22 | 1.3 | | 8.7 | 8.7 | 93 | | 0.16 | 25 | | 25.01 | 11.23 | 18.98 |
| 14.0 | 1137 | 6.0 | | | 0.23 | 1.3 | | 8.7 | 8.7 | 93 | | 0.17 | 27 | | 25.06 | 11.24 | 19.01 |
| 14.0 | 1137 | 7.0 | | | 0.23 | 1.4 | | 8.7 | 8.7 | 93 | | 0.20 | 31 | | 25.13 | 11.26 | 19.06 |
| 14.0 | 1137 | 8.0 | | | 0.24 | 1.4 | | 8.6 | 8.7 | 93 | | 0.24 | 38 | | 25.21 | 11.28 | 19.12 |
| 14.0 | 1137 | 9.0 | | | 0.25 | 1.5 | | 8.6 | 8.6 | 93 | | 0.30 | 48 | | 25.25 | 11.30 | 19.15 |
| 14.0 | 1137 | 10.0 | | | 0.27 | 1.7 | | 8.6 | 8.6 | 93 | | 0.38 | 63 | | 25.32 | 11.32 | 19.20 |
| 14.0 | 1137 | 11.0 | | | 0.29 | 1.9 | | 8.7 | 8.7 | 93 | | 0.47 | 77 | | 25.41 | 11.36 | 19.26 |
| 14.0 | 1137 | 12.0 | | | 0.29 | 1.9 | | 8.6 | 8.6 | 93 | | 0.64 | 106 | | 25.78 | 11.48 | 19.53 |
| 14.0 | 1137 | 13.0 | | | 0.29 | 1.8 | | 8.5 | 8.6 | 93 | | 0.69 | 115 | | 26.50 | 11.67 | 20.06 |
| 15.0 | 1110 | 1.0 | | | 0.23 | 1.4 | | 8.6 | 8.6 | 93 | | 0.08 | 11 | 1.2 | 25.73 | 11.40 | 19.51 |
| 15.0 | 1110 | 2.0 | 1.5 | 0.58 | 0.23 | 1.3 | 8.7 | 8.6 | 8.6 | 93 | 13.2 | 0.08 | 12 | | 25.84 | 11.41 | 19.59 |
| 15.0 | 1110 | 3.0 | | | 0.22 | 1.3 | | 8.6 | 8.6 | 93 | | 0.08 | 12 | | 25.93 | 11.43 | 19.66 |
| 15.0 | 1110 | 4.0 | | | 0.22 | 1.3 | | 8.6 | 8.6 | 93 | | 0.08 | 12 | | 25.94 | 11.43 | 19.66 |

North San Francisco Bay | January 6, 1998 | 98006

| 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 | 1110 | 5.0 | | | 0.22 | 1.3 | | 8.6 | 8.6 | 93 | | 0.08 | 12 | | 25.99 | 11.44 | 19.70 |
| 15.0 | 1110 | 6.0 | | | 0.22 | 1.3 | | 8.6 | 8.6 | 93 | | 0.09 | 12 | | 26.02 | 11.44 | 19.72 |
| 15.0 | 1110 | 7.0 | | | 0.22 | 1.3 | | 8.6 | 8.6 | 93 | | 0.09 | 13 | | 26.03 | 11.45 | 19.73 |
| 15.0 | 1110 | 8.0 | | | 0.22 | 1.3 | | 8.5 | 8.6 | 93 | | 0.09 | 12 | | 26.01 | 11.44 | 19.72 |
| 15.0 | 1110 | 9.0 | | | 0.22 | 1.3 | | 8.6 | 8.6 | 93 | | 0.09 | 12 | | 26.00 | 11.44 | 19.71 |
| 15.0 | 1110 | 10.0 | | | 0.23 | 1.3 | | 8.5 | 8.6 | 93 | | 0.09 | 12 | | 26.01 | 11.44 | 19.71 |
| 15.0 | 1110 | 11.0 | | | 0.23 | 1.3 | | 8.5 | 8.6 | 93 | | 0.09 | 12 | | 26.00 | 11.44 | 19.71 |
| 15.0 | 1110 | 12.0 | | | 0.23 | 1.4 | | 8.5 | 8.6 | 93 | | 0.09 | 12 | | 25.99 | 11.44 | 19.70 |
| 15.0 | 1110 | 13.0 | | | 0.23 | 1.4 | | 8.5 | 8.6 | 93 | | 0.08 | 12 | | 25.99 | 11.44 | 19.70 |
| 15.0 | 1110 | 14.0 | | | 0.23 | 1.4 | | 8.5 | 8.6 | 93 | | 0.09 | 12 | | 26.00 | 11.44 | 19.70 |
| 15.0 | 1110 | 15.0 | | | 0.24 | 1.4 | | 8.5 | 8.6 | 93 | | 0.08 | 12 | | 25.98 | 11.44 | 19.69 |
| 15.0 | 1110 | 16.0 | | | 0.24 | 1.5 | | 8.5 | 8.6 | 93 | | 0.09 | 12 | | 25.93 | 11.43 | 19.66 |
| 15.0 | 1110 | 17.0 | | | 0.24 | 1.5 | | 8.5 | 8.6 | 93 | | 0.09 | 12 | | 25.99 | 11.44 | 19.70 |
| 15.0 | 1110 | 18.0 | | | 0.24 | 1.5 | | 8.5 | 8.6 | 93 | | 0.09 | 12 | | 26.04 | 11.45 | 19.74 |
| 15.0 | 1110 | 19.0 | | | 0.25 | 1.5 | | 8.6 | 8.6 | 93 | | 0.09 | 13 | | 25.91 | 11.42 | 19.64 |
| 15.0 | 1110 | 20.0 | | | 0.26 | 1.6 | | 8.5 | 8.6 | 93 | | 0.09 | 13 | | 26.03 | 11.46 | 19.73 |
| 15.0 | 1110 | 21.0 | | | 0.25 | 1.6 | | 8.5 | 8.5 | 93 | | 0.11 | 16 | | 26.18 | 11.48 | 19.84 |
| 15.0 | 1110 | 22.0 | | | 0.25 | 1.5 | | 8.5 | 8.6 | 93 | | 0.10 | 15 | | 26.11 | 11.47 | 19.79 |
| 15.0 | 1110 | 23.0 | 1.6 | 0.49 | 0.25 | 1.6 | | 8.5 | 8.6 | 93 | | 0.11 | 16 | | 26.24 | 11.50 | 19.88 |
| 16.0 | 1033 | 1.0 | | | 0.22 | 1.3 | | 8.6 | 8.6 | 94 | | 0.09 | 13 | 1.3 | 26.43 | 11.57 | 20.02 |
| 16.0 | 1033 | 2.0 | | | 0.21 | 1.2 | | 8.5 | 8.6 | 94 | | 0.09 | 12 | | 27.03 | 11.76 | 20.45 |
| 16.0 | 1033 | 3.0 | | | 0.20 | 1.1 | | 8.4 | 8.5 | 94 | | 0.09 | 12 | | 27.61 | 11.90 | 20.87 |
| 16.0 | 1033 | 4.0 | | | 0.20 | 1.1 | | 8.5 | 8.5 | 94 | | 0.08 | 12 | | 27.68 | 11.92 | 20.92 |
| 16.0 | 1033 | 5.0 | | | 0.20 | 1.1 | | 8.4 | 8.5 | 94 | | 0.09 | 13 | | 28.36 | 12.08 | 21.42 |
| 16.0 | 1033 | 6.0 | | | 0.19 | 1.0 | | 8.3 | 8.4 | 94 | | 0.09 | 13 | | 28.43 | 12.09 | 21.48 |
| 16.0 | 1033 | 7.0 | | | 0.19 | 1.0 | | 8.3 | 8.4 | 94 | | 0.09 | 13 | | 28.47 | 12.10 | 21.51 |
| 16.0 | 1033 | 8.0 | | | 0.19 | 1.0 | | 8.3 | 8.4 | 94 | | 0.09 | 14 | | 28.51 | 12.11 | 21.54 |
| 16.0 | 1033 | 9.0 | | | 0.19 | 1.0 | | 8.3 | 8.4 | 94 | | 0.09 | 14 | | 28.57 | 12.12 | 21.58 |
| 16.0 | 1033 | 10.0 | | | 0.19 | 1.0 | | 8.3 | 8.4 | 94 | | 0.09 | 14 | | 28.64 | 12.15 | 21.63 |
| 16.0 | 1033 | 11.0 | | | 0.19 | 1.0 | | 8.2 | 8.4 | 93 | | 0.10 | 14 | | 28.79 | 12.18 | 21.74 |
| 16.0 | 1033 | 12.0 | | | 0.20 | 1.1 | | 8.2 | 8.4 | 93 | | 0.10 | 16 | | 28.78 | 12.18 | 21.73 |
| 16.0 | 1033 | 13.0 | | | 0.20 | 1.1 | | 8.2 | 8.3 | 93 | | 0.11 | 16 | | 28.81 | 12.19 | 21.76 |
| 16.0 | 1033 | 14.0 | | | 0.20 | 1.1 | | 8.2 | 8.3 | 93 | | 0.11 | 17 | | 28.84 | 12.20 | 21.77 |
| 16.0 | 1033 | 15.0 | | | 0.20 | 1.1 | | 8.2 | 8.3 | 93 | | 0.12 | 18 | | 28.87 | 12.21 | 21.80 |
| 17.0 | 1009 | 1.0 | | | 0.20 | 1.1 | | 8.3 | 8.4 | 94 | | 0.07 | 9 | 1.1 | 28.64 | 12.15 | 21.63 |
| 17.0 | 1009 | 2.0 | | | 0.21 | 1.2 | | 8.3 | 8.4 | 94 | | 0.07 | 10 | | 28.90 | 12.22 | 21.82 |
| 17.0 | 1009 | 3.0 | | | 0.19 | 1.0 | | 8.3 | 8.4 | 94 | | 0.07 | 10 | | 29.13 | 12.26 | 21.99 |
| 17.0 | 1009 | 4.0 | | | 0.18 | 0.9 | | 8.3 | 8.4 | 94 | | 0.07 | 10 | | 29.28 | 12.29 | 22.10 |
| 17.0 | 1009 | 5.0 | | | 0.18 | 0.9 | | 8.3 | 8.4 | 95 | | 0.06 | 9 | | 29.38 | 12.32 | 22.17 |
| 17.0 | 1009 | 6.0 | | | 0.18 | 0.9 | | 8.4 | 8.5 | 96 | | 0.05 | 7 | | 29.57 | 12.42 | 22.30 |
| 17.0 | 1009 | 7.0 | | | 0.19 | 1.0 | | 8.3 | 8.4 | 96 | | 0.05 | 7 | | 30.01 | 12.61 | 22.61 |

North San Francisco Bay | January 6, 1998 | 98006

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 17.0 | 1009 | 8.0 | | | 0.19 | 1.0 | | 8.2 | 8.4 | 95 | | 0.06 | 8 | | 30.18 | 12.68 | 22.72 |
| 17.0 | 1009 | 9.0 | | | 0.19 | 1.0 | | 8.2 | 8.4 | 95 | | 0.08 | 11 | | 30.22 | 12.70 | 22.75 |
| 17.0 | 1009 | 10.0 | | | 0.19 | 1.0 | | 8.2 | 8.3 | 95 | | 0.09 | 13 | | 30.25 | 12.70 | 22.77 |
| 17.0 | 1009 | 11.0 | | | 0.19 | 1.0 | | 8.2 | 8.3 | 95 | | 0.10 | 14 | | 30.26 | 12.71 | 22.78 |
| 17.0 | 1009 | 12.0 | | | 0.20 | 1.1 | | 8.2 | 8.3 | 95 | | 0.10 | 15 | | 30.26 | 12.71 | 22.78 |
| 17.0 | 1009 | 13.0 | | | 0.20 | 1.1 | | 8.2 | 8.3 | 95 | | 0.10 | 15 | | 30.29 | 12.73 | 22.80 |
| 18.0 | 0943 | 1.0 | | | 0.21 | 1.2 | | 8.2 | 8.4 | 94 | | 0.05 | 6 | 0.9 | 29.55 | 12.36 | 22.29 |
| 18.0 | 0943 | 2.0 | 1.7 | 0.70 | 0.21 | 1.2 | 8.3 | 8.2 | 8.4 | 94 | 6.0 | 0.04 | 5 | | 29.59 | 12.39 | 22.32 |
| 18.0 | 0943 | 3.0 | | | 0.21 | 1.2 | | 8.2 | 8.4 | 95 | | 0.04 | 5 | | 29.67 | 12.43 | 22.37 |
| 18.0 | 0943 | 4.0 | | | 0.20 | 1.1 | | 8.3 | 8.4 | 95 | | 0.04 | 5 | | 29.72 | 12.47 | 22.41 |
| 18.0 | 0943 | 5.0 | | | 0.19 | 1.0 | | 8.2 | 8.4 | 95 | | 0.04 | 5 | | 29.89 | 12.53 | 22.53 |
| 18.0 | 0943 | 6.0 | | | 0.19 | 1.0 | | 8.2 | 8.4 | 95 | | 0.04 | 5 | | 29.88 | 12.52 | 22.52 |
| 18.0 | 0943 | 7.0 | | | 0.20 | 1.1 | | 8.2 | 8.4 | 95 | | 0.04 | 5 | | 29.92 | 12.55 | 22.55 |
| 18.0 | 0943 | 8.0 | | | 0.21 | 1.2 | | 8.3 | 8.4 | 95 | | 0.04 | 5 | | 29.94 | 12.56 | 22.56 |
| 18.0 | 0943 | 9.0 | | | 0.23 | 1.3 | | 8.3 | 8.4 | 95 | | 0.04 | 5 | | 30.03 | 12.59 | 22.63 |
| 18.0 | 0943 | 10.0 | | | 0.22 | 1.3 | | 8.2 | 8.4 | 95 | | 0.04 | 5 | | 30.12 | 12.65 | 22.68 |
| 18.0 | 0943 | 11.0 | | | 0.20 | 1.1 | | 8.3 | 8.4 | 95 | | 0.04 | 5 | | 30.13 | 12.64 | 22.69 |
| 18.0 | 0943 | 12.0 | | | 0.20 | 1.1 | | 8.3 | 8.4 | 96 | | 0.04 | 5 | | 30.22 | 12.69 | 22.75 |
| 18.0 | 0943 | 13.0 | | | 0.21 | 1.2 | | 8.2 | 8.4 | 96 | | 0.04 | 5 | | 30.39 | 12.76 | 22.87 |
| 18.0 | 0943 | 14.0 | | | 0.22 | 1.2 | | 8.2 | 8.4 | 96 | | 0.04 | 5 | | 30.40 | 12.76 | 22.88 |
| 18.0 | 0943 | 15.0 | | | 0.21 | 1.2 | | 8.2 | 8.4 | 96 | | 0.04 | 5 | | 30.44 | 12.78 | 22.90 |
| 18.0 | 0943 | 16.0 | | | 0.25 | 1.5 | | 8.2 | 8.3 | 96 | | 0.04 | 5 | | 30.45 | 12.78 | 22.91 |
| 18.0 | 0943 | 17.0 | | | 0.25 | 1.6 | | 8.2 | 8.3 | 95 | | 0.04 | 5 | | 30.46 | 12.79 | 22.92 |
| 18.0 | 0943 | 18.0 | | | 0.22 | 1.3 | | 8.2 | 8.3 | 95 | | 0.04 | 5 | | 30.45 | 12.78 | 22.91 |
| 18.0 | 0943 | 19.0 | | | 0.22 | 1.3 | | 8.2 | 8.3 | 96 | | 0.04 | 5 | | 30.46 | 12.79 | 22.92 |
| 18.0 | 0943 | 20.0 | | | 0.23 | 1.3 | | 8.2 | 8.4 | 96 | | 0.04 | 5 | | 30.50 | 12.81 | 22.95 |
| 18.0 | 0943 | 21.0 | | | 0.23 | 1.3 | | 8.2 | 8.3 | 96 | | 0.05 | 6 | | 30.59 | 12.84 | 23.01 |
| 18.0 | 0943 | 22.0 | | | 0.23 | 1.4 | | 8.2 | 8.3 | 96 | | 0.05 | 7 | | 30.61 | 12.84 | 23.03 |
| 18.0 | 0943 | 23.0 | | | 0.23 | 1.3 | | 8.2 | 8.3 | 96 | | 0.06 | 7 | | 30.68 | 12.87 | 23.07 |
| 18.0 | 0943 | 24.0 | 1.9 | 0.55 | 0.22 | 1.3 | | 8.2 | 8.3 | 96 | | 0.06 | 9 | | 30.69 | 12.88 | 23.08 |
| 20.0 | 0925 | 1.0 | | | 0.24 | 1.5 | | 8.3 | 8.4 | 93 | | 0.06 | 8 | 1.0 | 28.12 | 11.83 | 21.28 |
| 20.0 | 0925 | 2.0 | | | 0.24 | 1.4 | | 8.3 | 8.4 | 93 | | 0.06 | 8 | | 28.20 | 11.86 | 21.34 |
| 20.0 | 0925 | 3.0 | | | 0.23 | 1.3 | | 8.3 | 8.4 | 93 | | 0.06 | 9 | | 28.26 | 11.88 | 21.39 |
| 20.0 | 0925 | 4.0 | | | 0.21 | 1.2 | | 8.3 | 8.4 | 93 | | 0.06 | 8 | | 28.35 | 11.93 | 21.44 |
| 20.0 | 0925 | 5.0 | | | 0.20 | 1.1 | | 8.3 | 8.4 | 93 | | 0.06 | 8 | | 28.44 | 11.97 | 21.51 |
| 20.0 | 0925 | 6.0 | | | 0.20 | 1.1 | | 8.4 | 8.4 | 94 | | 0.06 | 8 | | 28.53 | 12.01 | 21.57 |
| 20.0 | 0925 | 7.0 | | | 0.19 | 1.0 | | 8.3 | 8.4 | 94 | | 0.06 | 8 | | 28.70 | 12.10 | 21.68 |
| 20.0 | 0925 | 8.0 | | | 0.19 | 1.0 | | 8.3 | 8.4 | 94 | | 0.06 | 9 | | 28.83 | 12.16 | 21.77 |
| 20.0 | 0925 | 9.0 | | | 0.19 | 1.0 | | 8.3 | 8.4 | 94 | | 0.07 | 9 | | 28.94 | 12.22 | 21.85 |
| 20.0 | 0925 | 10.0 | | | 0.19 | 1.1 | | 8.3 | 8.4 | 95 | | 0.07 | 9 | | 29.11 | 12.30 | 21.96 |
| 20.0 | 0925 | 11.0 | | | 0.19 | 1.1 | | 8.3 | 8.4 | 95 | | 0.07 | 9 | | 29.34 | 12.38 | 22.13 |

North San Francisco Bay | January 6, 1998 | 98006

| 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 | 0925 | 12.0 | | | 0.19 | 1.0 | | 8.3 | 8.4 | 95 | | 0.07 | 9 | | 29.63 | 12.51 | 22.33 |
| 20.0 | 0925 | 13.0 | | | 0.19 | 1.0 | | 8.3 | 8.4 | 95 | | 0.07 | 10 | | 29.89 | 12.60 | 22.51 |
| 20.0 | 0925 | 14.0 | | | 0.19 | 1.0 | | 8.3 | 8.4 | 95 | | 0.08 | 11 | | 29.91 | 12.60 | 22.53 |
| 20.0 | 0925 | 15.0 | | | 0.19 | 1.1 | | 8.2 | 8.4 | 95 | | 0.09 | 13 | | 29.97 | 12.63 | 22.57 |
| 20.0 | 0925 | 16.0 | | | 0.19 | 1.0 | | 8.2 | 8.3 | 95 | | 0.10 | 14 | | 30.01 | 12.63 | 22.60 |
| 20.0 | 0925 | 17.0 | | | 0.20 | 1.1 | | 8.2 | 8.3 | 95 | | 0.10 | 14 | | 29.94 | 12.61 | 22.55 |

| | n | r^2 | Slope | Inter. | Std. Err. |
|---|---|---|---|---|---|
| Fluorometer Calibration: | 16 | 0.256 | 8.491 | -0.595 | 0.424 |
| OBS Calibration: | 8 | 0.968 | 169.455 | -2.266 | 4.916 |
| Dissolved Oxygen Calibration: | 8 | 0.972 | 0.704 | 2.564 | 0.114 |

SeaBird v4.026

South San Francisco Bay | January 6, 1998 | 98006

| 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 | 0609 | 1.0 | | | 0.32 | 2.5 | | 8.5 | 8.6 | 91 | | 0.23 | 29 | | 27.06 | 10.41 | 20.69 |
| 32.0 | 0609 | 2.0 | 2.4 | 0.59 | 0.32 | 2.5 | 8.5 | 8.5 | 8.6 | 91 | 27.2 | 0.23 | 30 | | 27.07 | 10.41 | 20.70 |
| 32.0 | 0609 | 3.0 | | | 0.32 | 2.5 | | 8.5 | 8.6 | 91 | | 0.25 | 31 | | 27.07 | 10.41 | 20.70 |
| 32.0 | 0609 | 4.0 | | | 0.32 | 2.5 | | 8.5 | 8.6 | 91 | | 0.25 | 32 | | 27.07 | 10.40 | 20.70 |
| 32.0 | 0609 | 5.0 | | | 0.32 | 2.5 | | 8.5 | 8.6 | 91 | | 0.26 | 33 | | 27.07 | 10.41 | 20.70 |
| 32.0 | 0609 | 6.0 | | | 0.32 | 2.5 | | 8.6 | 8.6 | 91 | | 0.26 | 33 | | 27.08 | 10.41 | 20.71 |
| 32.0 | 0609 | 7.0 | | | 0.33 | 2.6 | | 8.6 | 8.6 | 91 | | 0.27 | 34 | | 27.08 | 10.43 | 20.71 |
| 32.0 | 0609 | 8.0 | | | 0.34 | 2.6 | | 8.6 | 8.6 | 91 | | 0.30 | 37 | | 27.08 | 10.43 | 20.71 |
| 32.0 | 0609 | 9.0 | | | 0.34 | 2.7 | | 8.6 | 8.6 | 91 | | 0.32 | 40 | | 27.08 | 10.43 | 20.71 |
| 32.0 | 0609 | 10.0 | | | 0.35 | 2.7 | | 8.5 | 8.6 | 91 | | 0.35 | 43 | | 27.07 | 10.43 | 20.70 |
| 32.0 | 0609 | 11.0 | | | 0.35 | 2.7 | | 8.5 | 8.6 | 91 | | 0.38 | 46 | | 27.07 | 10.43 | 20.70 |
| 32.0 | 0609 | 12.0 | | | 0.35 | 2.7 | | 8.6 | 8.6 | 91 | | 0.42 | 51 | | 27.07 | 10.43 | 20.70 |
| 32.0 | 0609 | 13.0 | | | 0.36 | 2.8 | | 8.5 | 8.6 | 91 | | 0.45 | 54 | | 27.07 | 10.43 | 20.70 |
| 32.0 | 0609 | 14.0 | 2.5 | 0.37 | 0.36 | 2.7 | | 8.6 | 8.6 | 91 | | 0.46 | 56 | | 27.07 | 10.44 | 20.70 |
| 30.0 | 0642 | 1.0 | | | 0.31 | 2.4 | | 8.6 | 8.6 | 92 | | 0.17 | 22 | | 27.38 | 10.58 | 20.92 |
| 30.0 | 0642 | 2.0 | 2.4 | 0.58 | 0.31 | 2.4 | 8.6 | 8.5 | 8.6 | 92 | 25.0 | 0.17 | 22 | | 27.38 | 10.59 | 20.92 |
| 30.0 | 0642 | 3.0 | | | 0.31 | 2.4 | | 8.5 | 8.6 | 92 | | 0.17 | 22 | | 27.38 | 10.59 | 20.92 |
| 30.0 | 0642 | 4.0 | | | 0.32 | 2.5 | | 8.5 | 8.6 | 92 | | 0.17 | 22 | | 27.38 | 10.59 | 20.92 |
| 30.0 | 0642 | 5.0 | | | 0.32 | 2.5 | | 8.6 | 8.6 | 92 | | 0.17 | 22 | | 27.38 | 10.59 | 20.92 |
| 30.0 | 0642 | 6.0 | | | 0.32 | 2.5 | | 8.5 | 8.6 | 92 | | 0.17 | 23 | | 27.40 | 10.61 | 20.93 |
| 30.0 | 0642 | 7.0 | | | 0.33 | 2.5 | | 8.6 | 8.6 | 92 | | 0.19 | 24 | | 27.41 | 10.61 | 20.93 |
| 30.0 | 0642 | 8.0 | | | 0.33 | 2.5 | | 8.6 | 8.6 | 92 | | 0.21 | 26 | | 27.41 | 10.61 | 20.93 |
| 30.0 | 0642 | 9.0 | | | 0.34 | 2.6 | | 8.6 | 8.6 | 92 | | 0.22 | 28 | | 27.41 | 10.61 | 20.93 |
| 30.0 | 0642 | 10.0 | | | 0.34 | 2.6 | | 8.6 | 8.6 | 92 | | 0.23 | 29 | | 27.41 | 10.61 | 20.94 |
| 30.0 | 0642 | 11.0 | | | 0.34 | 2.6 | | 8.6 | 8.6 | 92 | | 0.24 | 30 | | 27.41 | 10.61 | 20.94 |
| 30.0 | 0642 | 12.0 | | | 0.34 | 2.6 | | 8.6 | 8.6 | 92 | | 0.25 | 31 | | 27.41 | 10.60 | 20.94 |
| 30.0 | 0642 | 13.0 | | | 0.34 | 2.6 | | 8.6 | 8.6 | 92 | | 0.26 | 32 | | 27.41 | 10.60 | 20.94 |
| 30.0 | 0642 | 14.0 | 3.0 | 0.30 | 0.34 | 2.6 | | 8.6 | 8.6 | 92 | | 0.27 | 34 | | 27.41 | 10.60 | 20.94 |
| 29.0 | 0706 | 1.0 | | | 0.32 | 2.5 | | 8.6 | 8.6 | 92 | | 0.15 | 20 | | 27.49 | 10.77 | 20.98 |
| 29.0 | 0706 | 2.0 | | | 0.32 | 2.5 | | 8.6 | 8.6 | 92 | | 0.16 | 20 | | 27.50 | 10.77 | 20.98 |
| 29.0 | 0706 | 3.0 | | | 0.32 | 2.5 | | 8.6 | 8.6 | 92 | | 0.16 | 21 | | 27.50 | 10.77 | 20.98 |
| 29.0 | 0706 | 4.0 | | | 0.32 | 2.5 | | 8.6 | 8.6 | 92 | | 0.16 | 21 | | 27.50 | 10.77 | 20.98 |
| 29.0 | 0706 | 5.0 | | | 0.32 | 2.5 | | 8.6 | 8.6 | 93 | | 0.16 | 21 | | 27.50 | 10.78 | 20.98 |
| 29.0 | 0706 | 6.0 | | | 0.32 | 2.5 | | 8.6 | 8.6 | 92 | | 0.16 | 21 | | 27.51 | 10.78 | 20.99 |
| 29.0 | 0706 | 7.0 | | | 0.33 | 2.5 | | 8.6 | 8.6 | 92 | | 0.16 | 21 | | 27.51 | 10.79 | 20.99 |
| 29.0 | 0706 | 8.0 | | | 0.33 | 2.6 | | 8.6 | 8.6 | 92 | | 0.18 | 23 | | 27.51 | 10.79 | 20.99 |
| 29.0 | 0706 | 9.0 | | | 0.33 | 2.6 | | 8.6 | 8.6 | 93 | | 0.20 | 26 | | 27.51 | 10.79 | 20.99 |
| 29.0 | 0706 | 10.0 | | | 0.33 | 2.6 | | 8.6 | 8.6 | 92 | | 0.22 | 28 | | 27.51 | 10.79 | 20.99 |
| 29.0 | 0706 | 11.0 | | | 0.33 | 2.5 | | 8.6 | 8.6 | 92 | | 0.22 | 28 | | 27.51 | 10.79 | 20.99 |
| 29.0 | 0706 | 12.0 | | | 0.33 | 2.6 | | 8.6 | 8.6 | 93 | | 0.23 | 29 | | 27.51 | 10.79 | 20.99 |
| 29.0 | 0706 | 13.0 | | | 0.33 | 2.6 | | 8.6 | 8.6 | 92 | | 0.24 | 30 | | 27.51 | 10.79 | 20.99 |

South San Francisco Bay | January 6, 1998 | 98006

| 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 | 0706 | 14.0 | | | 0.33 | 2.6 | | 8.6 | 8.6 | 92 | | 0.24 | 30 | | 27.51 | 10.79 | 20.99 |
| 29.0 | 0706 | 15.0 | | | 0.33 | 2.6 | | 8.6 | 8.6 | 92 | | 0.25 | 31 | | 27.51 | 10.78 | 20.99 |
| 29.0 | 0706 | 16.0 | | | 0.33 | 2.6 | | 8.6 | 8.6 | 93 | | 0.28 | 35 | | 27.51 | 10.78 | 20.99 |
| 27.0 | 0734 | 1.0 | | | 0.30 | 2.3 | | 8.5 | 8.6 | 92 | | 0.12 | 17 | | 27.60 | 10.65 | 21.08 |
| 27.0 | 0734 | 2.0 | 2.2 | 0.60 | 0.29 | 2.3 | 8.6 | 8.5 | 8.6 | 92 | 19.0 | 0.13 | 17 | | 27.60 | 10.67 | 21.07 |
| 27.0 | 0734 | 3.0 | | | 0.29 | 2.3 | | 8.6 | 8.6 | 92 | | 0.13 | 18 | | 27.60 | 10.68 | 21.07 |
| 27.0 | 0734 | 4.0 | | | 0.29 | 2.3 | | 8.6 | 8.6 | 92 | | 0.14 | 18 | | 27.60 | 10.71 | 21.07 |
| 27.0 | 0734 | 5.0 | | | 0.29 | 2.3 | | 8.6 | 8.6 | 92 | | 0.14 | 19 | | 27.60 | 10.72 | 21.07 |
| 27.0 | 0734 | 6.0 | | | 0.29 | 2.3 | | 8.6 | 8.6 | 92 | | 0.15 | 20 | | 27.61 | 10.77 | 21.07 |
| 27.0 | 0734 | 7.0 | | | 0.30 | 2.3 | | 8.6 | 8.6 | 92 | | 0.16 | 21 | | 27.62 | 10.79 | 21.07 |
| 27.0 | 0734 | 8.0 | | | 0.30 | 2.4 | | 8.6 | 8.6 | 92 | | 0.17 | 22 | | 27.63 | 10.80 | 21.07 |
| 27.0 | 0734 | 9.0 | | | 0.31 | 2.4 | | 8.6 | 8.6 | 92 | | 0.18 | 23 | | 27.63 | 10.80 | 21.07 |
| 27.0 | 0734 | 10.0 | | | 0.31 | 2.4 | | 8.5 | 8.6 | 92 | | 0.18 | 23 | | 27.63 | 10.80 | 21.08 |
| 27.0 | 0734 | 11.0 | | | 0.31 | 2.4 | | 8.5 | 8.6 | 92 | | 0.19 | 24 | | 27.63 | 10.80 | 21.08 |
| 27.0 | 0734 | 12.0 | | | 0.31 | 2.4 | | 8.5 | 8.6 | 92 | | 0.19 | 25 | | 27.63 | 10.80 | 21.08 |
| 27.0 | 0734 | 13.0 | | | 0.31 | 2.4 | | 8.5 | 8.6 | 92 | | 0.20 | 25 | | 27.63 | 10.80 | 21.08 |
| 27.0 | 0734 | 14.0 | 2.5 | 0.48 | 0.30 | 2.4 | | 8.5 | 8.6 | 92 | | 0.20 | 25 | | 27.63 | 10.80 | 21.08 |
| 25.0 | 0811 | 1.0 | | | 0.25 | 2.0 | | 8.3 | 8.4 | 92 | | 0.09 | 13 | 1.3 | 27.94 | 11.23 | 21.24 |
| 25.0 | 0811 | 2.0 | | | 0.25 | 2.0 | | 8.4 | 8.4 | 92 | | 0.09 | 14 | | 27.94 | 11.23 | 21.25 |
| 25.0 | 0811 | 3.0 | | | 0.25 | 2.0 | | 8.3 | 8.4 | 92 | | 0.10 | 14 | | 27.96 | 11.27 | 21.25 |
| 25.0 | 0811 | 4.0 | | | 0.24 | 1.9 | | 8.4 | 8.4 | 92 | | 0.09 | 14 | | 27.97 | 11.30 | 21.26 |
| 25.0 | 0811 | 5.0 | | | 0.24 | 1.9 | | 8.4 | 8.5 | 92 | | 0.09 | 13 | | 27.99 | 11.33 | 21.26 |
| 25.0 | 0811 | 6.0 | | | 0.24 | 1.9 | | 8.4 | 8.4 | 92 | | 0.10 | 14 | | 28.03 | 11.38 | 21.29 |
| 25.0 | 0811 | 7.0 | | | 0.24 | 1.9 | | 8.4 | 8.4 | 92 | | 0.10 | 15 | | 28.05 | 11.40 | 21.31 |
| 25.0 | 0811 | 8.0 | | | 0.25 | 2.0 | | 8.4 | 8.4 | 92 | | 0.11 | 16 | | 28.07 | 11.43 | 21.32 |
| 25.0 | 0811 | 9.0 | | | 0.25 | 2.0 | | 8.3 | 8.4 | 92 | | 0.12 | 16 | | 28.11 | 11.46 | 21.34 |
| 24.0 | 0825 | 1.0 | | | 0.24 | 1.9 | | 8.3 | 8.4 | 92 | | 0.07 | 11 | 1.1 | 28.42 | 11.66 | 21.54 |
| 24.0 | 0825 | 2.0 | 2.0 | 0.67 | 0.24 | 1.9 | 8.4 | 8.3 | 8.4 | 92 | 10.0 | 0.07 | 11 | | 28.42 | 11.68 | 21.54 |
| 24.0 | 0825 | 3.0 | | | 0.24 | 1.9 | | 8.3 | 8.4 | 93 | | 0.07 | 11 | | 28.42 | 11.68 | 21.55 |
| 24.0 | 0825 | 4.0 | | | 0.23 | 1.9 | | 8.3 | 8.4 | 93 | | 0.07 | 11 | | 28.43 | 11.70 | 21.55 |
| 24.0 | 0825 | 5.0 | | | 0.22 | 1.8 | | 8.3 | 8.4 | 93 | | 0.07 | 11 | | 28.46 | 11.75 | 21.56 |
| 24.0 | 0825 | 6.0 | | | 0.22 | 1.8 | | 8.3 | 8.4 | 93 | | 0.07 | 11 | | 28.49 | 11.78 | 21.58 |
| 24.0 | 0825 | 7.0 | | | 0.22 | 1.8 | | 8.3 | 8.4 | 93 | | 0.08 | 11 | | 28.50 | 11.79 | 21.59 |
| 24.0 | 0825 | 8.0 | | | 0.21 | 1.7 | | 8.3 | 8.4 | 93 | | 0.08 | 12 | | 28.50 | 11.79 | 21.59 |
| 24.0 | 0825 | 9.0 | | | 0.21 | 1.7 | | 8.3 | 8.4 | 93 | | 0.08 | 12 | | 28.51 | 11.79 | 21.60 |
| 24.0 | 0825 | 10.0 | 1.2 | 0.28 | 0.22 | 1.8 | | 8.2 | 8.4 | 93 | | 0.09 | 13 | | 28.52 | 11.80 | 21.60 |
| 22.0 | 0854 | 1.0 | | | 0.23 | 1.9 | | 8.3 | 8.4 | 93 | | 0.05 | 8 | 0.9 | 28.18 | 11.84 | 21.33 |
| 22.0 | 0854 | 2.0 | | | 0.22 | 1.8 | | 8.2 | 8.4 | 93 | | 0.05 | 8 | | 28.30 | 11.97 | 21.40 |
| 22.0 | 0854 | 3.0 | | | 0.21 | 1.7 | | 8.2 | 8.4 | 93 | | 0.05 | 8 | | 28.36 | 11.99 | 21.44 |

South San Francisco Bay January 6, 1998 98006

| 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 | 0854 | 4.0 | | | 0.20 | 1.7 | | 8.2 | 8.4 | 93 | | 0.05 | 9 | | 28.38 | 12.00 | 21.45 |
| 22.0 | 0854 | 5.0 | | | 0.20 | 1.6 | | 8.3 | 8.4 | 93 | | 0.06 | 9 | | 28.41 | 12.01 | 21.48 |
| 22.0 | 0854 | 6.0 | | | 0.19 | 1.6 | | 8.3 | 8.4 | 93 | | 0.06 | 9 | | 28.44 | 12.02 | 21.49 |
| 22.0 | 0854 | 7.0 | | | 0.19 | 1.6 | | 8.3 | 8.4 | 93 | | 0.06 | 9 | | 28.45 | 12.02 | 21.50 |
| 22.0 | 0854 | 8.0 | | | 0.19 | 1.6 | | 8.3 | 8.4 | 94 | | 0.06 | 10 | | 28.49 | 12.03 | 21.53 |
| 22.0 | 0854 | 9.0 | | | 0.19 | 1.6 | | 8.3 | 8.4 | 94 | | 0.07 | 11 | | 28.73 | 12.15 | 21.70 |
| 22.0 | 0854 | 10.0 | | | 0.20 | 1.6 | | 8.3 | 8.4 | 94 | | 0.08 | 12 | | 28.88 | 12.23 | 21.80 |
| 22.0 | 0854 | 11.0 | | | 0.20 | 1.7 | | 8.2 | 8.4 | 94 | | 0.11 | 15 | | 29.03 | 12.28 | 21.91 |
| 22.0 | 0854 | 12.0 | | | 0.21 | 1.7 | | 8.2 | 8.4 | 94 | | 0.12 | 16 | | 29.02 | 12.27 | 21.90 |
| 22.0 | 0854 | 13.0 | | | 0.21 | 1.7 | | 8.2 | 8.4 | 94 | | 0.12 | 16 | | 29.00 | 12.26 | 21.89 |
| 22.0 | 0854 | 14.0 | | | 0.21 | 1.7 | | 8.2 | 8.4 | 94 | | 0.11 | 15 | | 28.98 | 12.26 | 21.88 |
| 22.0 | 0854 | 15.0 | | | 0.21 | 1.7 | | 8.2 | 8.3 | 94 | | 0.11 | 15 | | 28.99 | 12.26 | 21.88 |
| 22.0 | 0854 | 16.0 | | | 0.21 | 1.7 | | 8.2 | 8.4 | 94 | | 0.11 | 15 | | 28.99 | 12.27 | 21.88 |
| 22.0 | 0854 | 17.0 | | | 0.21 | 1.7 | | 8.2 | 8.4 | 94 | | 0.14 | 18 | | 29.07 | 12.30 | 21.93 |
| 22.0 | 0854 | 18.0 | | | 0.21 | 1.7 | | 8.2 | 8.3 | 94 | | 0.16 | 21 | | 29.12 | 12.31 | 21.97 |
| 22.0 | 0854 | 19.0 | | | 0.21 | 1.7 | | 8.2 | 8.4 | 94 | | 0.16 | 21 | | 29.12 | 12.31 | 21.97 |
| 21.0 | 0910 | 1.0 | | | 0.21 | 1.7 | | 8.3 | 8.4 | 93 | | 0.07 | 10 | 1.1 | 28.36 | 11.80 | 21.47 |
| 21.0 | 0910 | 2.0 | 2.1 | 0.71 | 0.21 | 1.7 | 8.4 | 8.3 | 8.4 | 93 | 8.8 | 0.07 | 10 | | 28.41 | 11.83 | 21.50 |
| 21.0 | 0910 | 3.0 | | | 0.20 | 1.7 | | 8.3 | 8.4 | 93 | | 0.07 | 10 | | 28.48 | 11.91 | 21.54 |
| 21.0 | 0910 | 4.0 | | | 0.20 | 1.6 | | 8.3 | 8.4 | 93 | | 0.07 | 11 | | 28.54 | 11.96 | 21.58 |
| 21.0 | 0910 | 5.0 | | | 0.19 | 1.6 | | 8.3 | 8.4 | 93 | | 0.08 | 11 | | 28.57 | 11.99 | 21.61 |
| 21.0 | 0910 | 6.0 | | | 0.19 | 1.6 | | 8.4 | 8.4 | 94 | | 0.08 | 11 | | 28.67 | 12.07 | 21.66 |
| 21.0 | 0910 | 7.0 | | | 0.20 | 1.6 | | 8.3 | 8.4 | 94 | | 0.08 | 11 | | 28.83 | 12.19 | 21.77 |
| 21.0 | 0910 | 8.0 | | | 0.20 | 1.7 | | 8.3 | 8.4 | 94 | | 0.08 | 11 | | 29.00 | 12.28 | 21.89 |
| 21.0 | 0910 | 9.0 | | | 0.20 | 1.6 | | 8.3 | 8.4 | 95 | | 0.08 | 12 | | 29.16 | 12.35 | 22.00 |
| 21.0 | 0910 | 10.0 | | | 0.21 | 1.7 | | 8.3 | 8.4 | 95 | | 0.08 | 11 | | 29.46 | 12.45 | 22.21 |
| 21.0 | 0910 | 11.0 | | | 0.22 | 1.8 | | 8.2 | 8.3 | 94 | | 0.08 | 12 | | 29.59 | 12.48 | 22.30 |
| 21.0 | 0910 | 12.0 | | | 0.22 | 1.8 | | 8.2 | 8.3 | 94 | | 0.12 | 16 | | 29.63 | 12.50 | 22.33 |
| 21.0 | 0910 | 13.0 | | | 0.22 | 1.8 | | 8.2 | 8.3 | 94 | | 0.16 | 21 | | 29.72 | 12.53 | 22.40 |
| 21.0 | 0910 | 14.0 | | | 0.22 | 1.8 | | 8.2 | 8.3 | 94 | | 0.18 | 23 | | 29.75 | 12.54 | 22.42 |
| 21.0 | 0910 | 15.0 | | | 0.22 | 1.8 | | 8.2 | 8.3 | 94 | | 0.20 | 26 | | 29.80 | 12.56 | 22.45 |
| 21.0 | 0910 | 16.0 | | | 0.22 | 1.8 | | 8.2 | 8.3 | 94 | | 0.22 | 27 | | 29.80 | 12.56 | 22.45 |
| 21.0 | 0910 | 17.0 | | | 0.23 | 1.9 | | 8.2 | 8.3 | 94 | | 0.22 | 27 | | 29.80 | 12.56 | 22.45 |
| 21.0 | 0910 | 18.0 | 2.0 | 0.36 | 0.24 | 1.9 | | 8.2 | 8.3 | 94 | | 0.23 | 29 | | 29.85 | 12.58 | 22.49 |

| | n | r^2 | Slope | Inter. | Std. Err. |
|---|---|---|---|---|---|
| Fluorometer Calibration: | 10 | 0.631 | 7.072 | 0.230 | 0.303 |
| OBS Calibration: | 5 | 0.931 | 114.640 | 2.615 | 2.545 |
| Dissolved Oxygen Calibration: | 5 | 0.936 | 0.697 | 2.619 | 0.029 |

SeaBird v4.026

South San Francisco Bay | January 20, 1998 | 98020

| 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 | 0845 | 1.0 | | | 0.35 | 2.5 | | 8.4 | 7.8 | 82 | | 0.12 | 15 | 1.7 | 20.80 | 11.66 | 15.64 |
| 36.0 | 0845 | 2.0 | 2.2 | 0.73 | 0.33 | 2.3 | 7.5 | 8.1 | 7.6 | 82 | 13.9 | 0.11 | 14 | | 24.06 | 11.87 | 18.13 |
| 36.0 | 0845 | 3.0 | | | 0.31 | 2.2 | | 8.1 | 7.5 | 82 | | 0.12 | 15 | | 24.63 | 11.88 | 18.57 |
| 36.0 | 0845 | 4.0 | | | 0.31 | 2.2 | | 8.0 | 7.5 | 82 | | 0.13 | 17 | | 24.69 | 11.88 | 18.62 |
| 36.0 | 0845 | 5.0 | | | 0.31 | 2.2 | | 8.0 | 7.5 | 82 | | 0.15 | 19 | | 24.77 | 11.88 | 18.68 |
| 36.0 | 0845 | 6.0 | | | 0.31 | 2.2 | | 8.0 | 7.5 | 81 | | 0.17 | 22 | | 24.83 | 11.88 | 18.73 |
| 36.0 | 0845 | 7.0 | 2.5 | 0.62 | 0.31 | 2.2 | | 8.0 | 7.5 | 81 | | 0.18 | 23 | | 24.86 | 11.88 | 18.75 |
| 35.0 | 0857 | 1.0 | | | 0.37 | 2.7 | | 8.5 | 7.8 | 82 | | 0.12 | 15 | 1.7 | 20.34 | 11.53 | 15.31 |
| 35.0 | 0857 | 2.0 | | | 0.34 | 2.5 | | 8.2 | 7.6 | 82 | | 0.10 | 13 | | 23.68 | 11.85 | 17.84 |
| 35.0 | 0857 | 3.0 | | | 0.32 | 2.3 | | 8.1 | 7.6 | 82 | | 0.10 | 13 | | 24.63 | 11.87 | 18.58 |
| 35.0 | 0857 | 4.0 | | | 0.31 | 2.2 | | 8.1 | 7.5 | 82 | | 0.11 | 14 | | 24.86 | 11.87 | 18.75 |
| 35.0 | 0857 | 5.0 | | | 0.30 | 2.1 | | 8.1 | 7.5 | 82 | | 0.12 | 16 | | 24.95 | 11.87 | 18.82 |
| 35.0 | 0857 | 6.0 | | | 0.30 | 2.1 | | 8.0 | 7.5 | 81 | | 0.13 | 17 | | 24.97 | 11.87 | 18.83 |
| 35.0 | 0857 | 7.0 | | | 0.30 | 2.1 | | 8.0 | 7.5 | 82 | | 0.14 | 18 | | 24.99 | 11.87 | 18.85 |
| 35.0 | 0857 | 8.0 | | | 0.30 | 2.1 | | 8.0 | 7.5 | 81 | | 0.15 | 19 | | 25.02 | 11.87 | 18.88 |
| 34.0 | 0908 | 1.0 | | | 0.47 | 3.7 | | 8.4 | 7.8 | 79 | | 0.11 | 14 | 1.8 | 16.84 | 11.09 | 12.67 |
| 34.0 | 0908 | 2.0 | | | 0.47 | 3.6 | | 8.4 | 7.8 | 79 | | 0.11 | 14 | | 17.12 | 11.08 | 12.88 |
| 34.0 | 0908 | 3.0 | | | 0.43 | 3.3 | | 8.5 | 7.9 | 80 | | 0.11 | 15 | | 17.72 | 11.14 | 13.34 |
| 34.0 | 0908 | 4.0 | | | 0.39 | 2.9 | | 8.3 | 7.8 | 80 | | 0.12 | 15 | | 19.73 | 11.36 | 14.86 |
| 34.0 | 0908 | 5.0 | | | 0.36 | 2.7 | | 8.3 | 7.7 | 81 | | 0.13 | 17 | | 20.69 | 11.43 | 15.60 |
| 34.0 | 0908 | 6.0 | | | 0.35 | 2.6 | | 8.3 | 7.7 | 81 | | 0.16 | 20 | | 21.30 | 11.51 | 16.06 |
| 34.0 | 0908 | 7.0 | | | 0.36 | 2.6 | | 8.1 | 7.6 | 81 | | 0.19 | 26 | | 22.83 | 11.69 | 17.21 |
| 33.0 | 0923 | 1.0 | | | 0.40 | 3.0 | | 8.3 | 7.7 | 80 | | 0.11 | 15 | 1.7 | 19.52 | 11.35 | 14.70 |
| 33.0 | 0923 | 2.0 | | | 0.39 | 2.9 | | 8.4 | 7.8 | 81 | | 0.11 | 14 | | 20.12 | 11.42 | 15.16 |
| 33.0 | 0923 | 3.0 | | | 0.37 | 2.7 | | 8.3 | 7.7 | 82 | | 0.11 | 14 | | 22.42 | 11.60 | 16.91 |
| 33.0 | 0923 | 4.0 | | | 0.36 | 2.6 | | 8.3 | 7.7 | 82 | | 0.11 | 14 | | 23.20 | 11.69 | 17.50 |
| 33.0 | 0923 | 5.0 | | | 0.35 | 2.5 | | 8.2 | 7.7 | 82 | | 0.09 | 11 | | 23.58 | 11.74 | 17.78 |
| 33.0 | 0923 | 6.0 | | | 0.34 | 2.4 | | 8.2 | 7.7 | 82 | | 0.10 | 12 | | 23.82 | 11.78 | 17.96 |
| 33.0 | 0923 | 7.0 | | | 0.33 | 2.4 | | 8.2 | 7.6 | 82 | | 0.10 | 12 | | 24.04 | 11.82 | 18.13 |
| 33.0 | 0923 | 8.0 | | | 0.33 | 2.3 | | 8.2 | 7.6 | 82 | | 0.11 | 14 | | 24.31 | 11.83 | 18.33 |
| 33.0 | 0923 | 9.0 | | | 0.33 | 2.4 | | 8.1 | 7.6 | 82 | | 0.16 | 21 | | 24.58 | 11.84 | 18.54 |
| 33.0 | 0923 | 10.0 | | | 0.33 | 2.4 | | 8.1 | 7.6 | 82 | | 0.22 | 30 | | 24.79 | 11.85 | 18.70 |
| 33.0 | 0923 | 11.0 | | | 0.33 | 2.4 | | 8.1 | 7.5 | 82 | | 0.26 | 35 | | 24.90 | 11.85 | 18.78 |
| 33.0 | 0923 | 12.0 | | | 0.34 | 2.4 | | 8.0 | 7.5 | 82 | | 0.31 | 41 | | 24.95 | 11.85 | 18.82 |
| 33.0 | 0923 | 13.0 | | | 0.34 | 2.4 | | 8.1 | 7.5 | 82 | | 0.32 | 44 | | 24.96 | 11.85 | 18.83 |
| 32.0 | 0944 | 1.0 | | | 0.39 | 2.9 | | 8.5 | 7.8 | 82 | | 0.10 | 12 | 1.6 | 21.02 | 11.52 | 15.84 |
| 32.0 | 0944 | 2.0 | 2.4 | 0.81 | 0.37 | 2.7 | 8.0 | 8.3 | 7.7 | 83 | 13.2 | 0.10 | 12 | | 23.45 | 11.75 | 17.68 |
| 32.0 | 0944 | 3.0 | | | 0.34 | 2.5 | | 8.2 | 7.6 | 82 | | 0.09 | 12 | | 24.66 | 11.82 | 18.60 |
| 32.0 | 0944 | 4.0 | | | 0.32 | 2.3 | | 8.2 | 7.6 | 82 | | 0.09 | 12 | | 24.86 | 11.83 | 18.75 |

South San Francisco Bay | January 20, 1998 | 98020

| 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 | 0944 | 5.0 | | | 0.31 | 2.2 | | 8.1 | 7.6 | 82 | | 0.09 | 11 | | 25.06 | 11.83 | 18.92 |
| 32.0 | 0944 | 6.0 | | | 0.31 | 2.1 | | 8.1 | 7.6 | 82 | | 0.09 | 11 | | 25.20 | 11.84 | 19.02 |
| 32.0 | 0944 | 7.0 | | | 0.30 | 2.1 | | 8.1 | 7.6 | 82 | | 0.11 | 13 | | 25.27 | 11.84 | 19.07 |
| 32.0 | 0944 | 8.0 | | | 0.31 | 2.2 | | 8.1 | 7.6 | 82 | | 0.13 | 16 | | 25.27 | 11.84 | 19.08 |
| 32.0 | 0944 | 9.0 | | | 0.32 | 2.2 | | 8.1 | 7.6 | 82 | | 0.15 | 20 | | 25.28 | 11.84 | 19.08 |
| 32.0 | 0944 | 10.0 | | | 0.33 | 2.3 | | 8.1 | 7.6 | 82 | | 0.17 | 22 | | 25.28 | 11.84 | 19.08 |
| 32.0 | 0944 | 11.0 | | | 0.33 | 2.4 | | 8.1 | 7.5 | 82 | | 0.18 | 24 | | 25.29 | 11.84 | 19.09 |
| 32.0 | 0944 | 12.0 | 2.7 | 0.62 | 0.33 | 2.4 | | 8.1 | 7.6 | 82 | | 0.19 | 26 | | 25.29 | 11.84 | 19.09 |
| 31.0 | 0953 | 1.0 | | | 0.40 | 3.1 | | 8.3 | 7.7 | 83 | | 0.08 | 10 | 1.3 | 23.97 | 11.76 | 18.08 |
| 31.0 | 0953 | 2.0 | | | 0.39 | 2.9 | | 8.3 | 7.7 | 83 | | 0.08 | 9 | | 24.95 | 11.81 | 18.83 |
| 31.0 | 0953 | 3.0 | | | 0.35 | 2.6 | | 8.2 | 7.7 | 83 | | 0.07 | 9 | | 25.23 | 11.83 | 19.05 |
| 31.0 | 0953 | 4.0 | | | 0.33 | 2.4 | | 8.2 | 7.6 | 83 | | 0.07 | 8 | | 25.30 | 11.83 | 19.10 |
| 31.0 | 0953 | 5.0 | | | 0.32 | 2.3 | | 8.2 | 7.6 | 83 | | 0.07 | 9 | | 25.32 | 11.83 | 19.11 |
| 31.0 | 0953 | 6.0 | | | 0.31 | 2.2 | | 8.2 | 7.6 | 83 | | 0.08 | 9 | | 25.38 | 11.84 | 19.16 |
| 31.0 | 0953 | 7.0 | | | 0.31 | 2.1 | | 8.1 | 7.6 | 83 | | 0.09 | 11 | | 25.44 | 11.84 | 19.21 |
| 31.0 | 0953 | 8.0 | | | 0.31 | 2.1 | | 8.1 | 7.6 | 82 | | 0.09 | 11 | | 25.46 | 11.84 | 19.22 |
| 31.0 | 0953 | 9.0 | | | 0.31 | 2.2 | | 8.1 | 7.6 | 82 | | 0.10 | 13 | | 25.47 | 11.84 | 19.23 |
| 31.0 | 0953 | 10.0 | | | 0.32 | 2.2 | | 8.1 | 7.6 | 82 | | 0.11 | 14 | | 25.48 | 11.84 | 19.24 |
| 31.0 | 0953 | 11.0 | | | 0.32 | 2.2 | | 8.1 | 7.6 | 82 | | 0.12 | 15 | | 25.49 | 11.84 | 19.24 |
| 31.0 | 0953 | 12.0 | | | 0.32 | 2.2 | | 8.1 | 7.6 | 82 | | 0.12 | 16 | | 25.49 | 11.84 | 19.25 |
| 31.0 | 0953 | 13.0 | | | 0.32 | 2.2 | | 8.1 | 7.6 | 82 | | 0.12 | 16 | | 25.49 | 11.84 | 19.25 |
| 31.0 | 0953 | 14.0 | | | 0.31 | 2.2 | | 8.1 | 7.6 | 82 | | 0.12 | 16 | | 25.50 | 11.84 | 19.25 |
| 30.0 | 1010 | 1.0 | | | 0.50 | 3.9 | | 8.4 | 7.8 | 83 | | 0.08 | 9 | 1.3 | 23.34 | 11.52 | 17.63 |
| 30.0 | 1010 | 2.0 | 3.6 | 0.83 | 0.49 | 3.8 | 7.6 | 8.4 | 7.8 | 83 | 8.3 | 0.07 | 9 | | 23.54 | 11.53 | 17.78 |
| 30.0 | 1010 | 3.0 | | | 0.48 | 3.7 | | 8.4 | 7.8 | 83 | | 0.08 | 9 | | 23.94 | 11.55 | 18.09 |
| 30.0 | 1010 | 4.0 | | | 0.46 | 3.5 | | 8.4 | 7.8 | 84 | | 0.07 | 9 | | 24.17 | 11.58 | 18.26 |
| 30.0 | 1010 | 5.0 | | | 0.42 | 3.2 | | 8.5 | 7.9 | 85 | | 0.07 | 9 | | 24.33 | 11.63 | 18.38 |
| 30.0 | 1010 | 6.0 | | | 0.39 | 3.0 | | 8.5 | 7.8 | 85 | | 0.07 | 8 | | 24.79 | 11.74 | 18.72 |
| 30.0 | 1010 | 7.0 | | | 0.38 | 2.8 | | 8.4 | 7.8 | 85 | | 0.06 | 7 | | 25.04 | 11.81 | 18.90 |
| 30.0 | 1010 | 8.0 | | | 0.36 | 2.7 | | 8.4 | 7.8 | 84 | | 0.06 | 6 | | 25.17 | 11.79 | 19.00 |
| 30.0 | 1010 | 9.0 | | | 0.35 | 2.6 | | 8.3 | 7.7 | 84 | | 0.06 | 7 | | 25.32 | 11.79 | 19.12 |
| 30.0 | 1010 | 10.0 | | | 0.35 | 2.5 | | 8.3 | 7.7 | 84 | | 0.07 | 9 | | 25.35 | 11.79 | 19.15 |
| 30.0 | 1010 | 11.0 | | | 0.35 | 2.5 | | 8.3 | 7.7 | 84 | | 0.08 | 10 | | 25.37 | 11.80 | 19.16 |
| 30.0 | 1010 | 12.0 | | | 0.35 | 2.6 | | 8.3 | 7.7 | 84 | | 0.09 | 11 | | 25.37 | 11.80 | 19.16 |
| 30.0 | 1010 | 13.0 | | | 0.35 | 2.6 | | 8.3 | 7.7 | 84 | | 0.10 | 12 | | 25.39 | 11.80 | 19.17 |
| 30.0 | 1010 | 14.0 | 2.3 | 0.68 | 0.35 | 2.6 | | 8.3 | 7.7 | 84 | | 0.11 | 13 | | 25.39 | 11.80 | 19.17 |
| 29.5 | 1024 | 1.0 | | | 0.68 | 5.6 | | 8.7 | 8.0 | 86 | | 0.04 | 4 | 1.0 | 23.60 | 11.59 | 17.82 |
| 29.5 | 1024 | 2.0 | | | 0.67 | 5.5 | | 8.7 | 8.0 | 85 | | 0.04 | 4 | | 23.55 | 11.61 | 17.78 |
| 29.5 | 1024 | 3.0 | | | 0.56 | 4.5 | | 8.5 | 7.9 | 85 | | 0.04 | 4 | | 24.02 | 11.62 | 18.14 |
| 29.5 | 1024 | 4.0 | | | 0.47 | 3.7 | | 8.5 | 7.9 | 84 | | 0.04 | 5 | | 24.29 | 11.62 | 18.35 |

South San Francisco Bay | January 20, 1998 | 98020

| 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 | 1024 | 5.0 | | | 0.43 | 3.3 | | 8.5 | 7.9 | 85 | | 0.05 | 6 | | 24.47 | 11.68 | 18.48 |
| 29.5 | 1024 | 6.0 | | | 0.41 | 3.1 | | 8.5 | 7.8 | 85 | | 0.06 | 7 | | 24.50 | 11.76 | 18.49 |
| 29.5 | 1024 | 7.0 | | | 0.39 | 2.9 | | 8.5 | 7.9 | 85 | | 0.06 | 7 | | 24.58 | 11.73 | 18.56 |
| 29.5 | 1024 | 8.0 | | | 0.39 | 2.9 | | 8.5 | 7.9 | 85 | | 0.06 | 7 | | 24.74 | 11.76 | 18.68 |
| 29.5 | 1024 | 9.0 | | | 0.39 | 2.9 | | 8.5 | 7.8 | 85 | | 0.05 | 6 | | 24.89 | 11.77 | 18.79 |
| 29.5 | 1024 | 10.0 | | | 0.38 | 2.8 | | 8.4 | 7.8 | 85 | | 0.05 | 6 | | 25.03 | 11.78 | 18.90 |
| 29.5 | 1024 | 11.0 | | | 0.37 | 2.8 | | 8.4 | 7.8 | 84 | | 0.06 | 7 | | 25.20 | 11.81 | 19.02 |
| 29.5 | 1024 | 12.0 | | | 0.37 | 2.8 | | 8.4 | 7.8 | 84 | | 0.07 | 8 | | 25.27 | 11.82 | 19.08 |
| 29.5 | 1024 | 13.0 | | | 0.37 | 2.8 | | 8.3 | 7.7 | 84 | | 0.08 | 9 | | 25.30 | 11.82 | 19.10 |
| 29.5 | 1024 | 14.0 | | | 0.37 | 2.8 | | 8.3 | 7.7 | 84 | | 0.09 | 11 | | 25.33 | 11.82 | 19.12 |
| 29.5 | 1024 | 15.0 | | | 0.37 | 2.8 | | 8.3 | 7.7 | 84 | | 0.09 | 12 | | 25.34 | 11.82 | 19.13 |
| 29.0 | 1036 | 1.0 | | | 0.48 | 3.8 | | 8.6 | 7.9 | 85 | | 0.04 | 4 | 1.0 | 23.53 | 11.82 | 17.73 |
| 29.0 | 1036 | 2.0 | | | 0.46 | 3.6 | | 8.5 | 7.9 | 85 | | 0.04 | 4 | | 23.75 | 11.83 | 17.90 |
| 29.0 | 1036 | 3.0 | | | 0.41 | 3.1 | | 8.4 | 7.8 | 84 | | 0.04 | 4 | | 24.05 | 11.83 | 18.13 |
| 29.0 | 1036 | 4.0 | | | 0.38 | 2.8 | | 8.4 | 7.8 | 84 | | 0.05 | 5 | | 24.21 | 11.84 | 18.25 |
| 29.0 | 1036 | 5.0 | | | 0.35 | 2.6 | | 8.3 | 7.7 | 84 | | 0.06 | 6 | | 24.76 | 11.83 | 18.68 |
| 29.0 | 1036 | 6.0 | | | 0.33 | 2.4 | | 8.2 | 7.7 | 83 | | 0.06 | 7 | | 25.37 | 11.85 | 19.15 |
| 29.0 | 1036 | 7.0 | | | 0.32 | 2.3 | | 8.2 | 7.7 | 83 | | 0.07 | 8 | | 25.53 | 11.86 | 19.27 |
| 29.0 | 1036 | 8.0 | | | 0.32 | 2.3 | | 8.2 | 7.7 | 83 | | 0.07 | 9 | | 25.55 | 11.86 | 19.29 |
| 29.0 | 1036 | 9.0 | | | 0.32 | 2.3 | | 8.2 | 7.7 | 83 | | 0.08 | 9 | | 25.56 | 11.86 | 19.30 |
| 29.0 | 1036 | 10.0 | | | 0.32 | 2.3 | | 8.2 | 7.7 | 83 | | 0.08 | 10 | | 25.57 | 11.86 | 19.30 |
| 29.0 | 1036 | 11.0 | | | 0.32 | 2.3 | | 8.2 | 7.6 | 83 | | 0.09 | 11 | | 25.58 | 11.87 | 19.31 |
| 29.0 | 1036 | 12.0 | | | 0.33 | 2.3 | | 8.2 | 7.6 | 83 | | 0.09 | 11 | | 25.58 | 11.87 | 19.31 |
| 29.0 | 1036 | 13.0 | | | 0.33 | 2.4 | | 8.2 | 7.6 | 83 | | 0.10 | 12 | | 25.59 | 11.87 | 19.32 |
| 29.0 | 1036 | 14.0 | | | 0.34 | 2.4 | | 8.2 | 7.6 | 83 | | 0.10 | 13 | | 25.59 | 11.87 | 19.32 |
| 29.0 | 1036 | 15.0 | | | 0.34 | 2.4 | | 8.2 | 7.6 | 83 | | 0.11 | 14 | | 25.59 | 11.87 | 19.32 |
| 28.0 | 1050 | 1.0 | | | 0.53 | 4.2 | | 8.6 | 7.9 | 85 | | 0.04 | 5 | 1.0 | 23.31 | 11.88 | 17.55 |
| 28.0 | 1050 | 2.0 | | | 0.48 | 3.7 | | 8.5 | 7.9 | 85 | | 0.04 | 4 | | 23.84 | 11.90 | 17.96 |
| 28.0 | 1050 | 3.0 | | | 0.41 | 3.1 | | 8.4 | 7.8 | 85 | | 0.04 | 5 | | 24.58 | 11.95 | 18.52 |
| 28.0 | 1050 | 4.0 | | | 0.38 | 2.8 | | 8.4 | 7.8 | 84 | | 0.05 | 5 | | 24.86 | 11.94 | 18.74 |
| 28.0 | 1050 | 5.0 | | | 0.36 | 2.7 | | 8.3 | 7.8 | 84 | | 0.05 | 6 | | 24.93 | 11.93 | 18.80 |
| 28.0 | 1050 | 6.0 | | | 0.36 | 2.6 | | 8.3 | 7.7 | 84 | | 0.05 | 6 | | 24.99 | 11.92 | 18.84 |
| 28.0 | 1050 | 7.0 | | | 0.35 | 2.5 | | 8.3 | 7.7 | 84 | | 0.05 | 6 | | 25.13 | 11.92 | 18.95 |
| 28.0 | 1050 | 8.0 | | | 0.34 | 2.5 | | 8.3 | 7.7 | 84 | | 0.05 | 6 | | 25.28 | 11.92 | 19.07 |
| 28.0 | 1050 | 9.0 | | | 0.33 | 2.4 | | 8.3 | 7.7 | 84 | | 0.05 | 6 | | 25.33 | 11.92 | 19.10 |
| 28.0 | 1050 | 10.0 | | | 0.32 | 2.3 | | 8.2 | 7.7 | 83 | | 0.06 | 7 | | 25.44 | 11.91 | 19.19 |
| 28.0 | 1050 | 11.0 | | | 0.32 | 2.3 | | 8.2 | 7.7 | 83 | | 0.06 | 8 | | 25.51 | 11.91 | 19.25 |
| 28.0 | 1050 | 12.0 | | | 0.32 | 2.3 | | 8.2 | 7.6 | 83 | | 0.07 | 9 | | 25.57 | 11.90 | 19.29 |
| 28.0 | 1050 | 13.0 | | | 0.32 | 2.3 | | 8.2 | 7.6 | 83 | | 0.08 | 10 | | 25.61 | 11.90 | 19.33 |
| 28.0 | 1050 | 14.0 | | | 0.32 | 2.3 | | 8.2 | 7.6 | 83 | | 0.09 | 12 | | 25.63 | 11.90 | 19.34 |
| 28.0 | 1050 | 15.0 | | | 0.33 | 2.3 | | 8.2 | 7.6 | 83 | | 0.11 | 14 | | 25.64 | 11.90 | 19.35 |

South San Francisco Bay January 20, 1998 98020

| 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 | 1104 | 1.0 | | | 0.47 | 3.7 | | 8.5 | 7.9 | 85 | | 0.04 | 4 | 1.0 | 23.27 | 11.98 | 17.50 |
| 27.0 | 1104 | 2.0 | 3.9 | 0.84 | 0.45 | 3.5 | 8.0 | 8.5 | 7.9 | 84 | 5.1 | 0.04 | 4 | | 23.37 | 11.95 | 17.59 |
| 27.0 | 1104 | 3.0 | | | 0.42 | 3.2 | | 8.5 | 7.9 | 85 | | 0.04 | 4 | | 23.57 | 11.95 | 17.74 |
| 27.0 | 1104 | 4.0 | | | 0.40 | 3.0 | | 8.4 | 7.8 | 85 | | 0.04 | 5 | | 24.26 | 12.01 | 18.26 |
| 27.0 | 1104 | 5.0 | | | 0.37 | 2.7 | | 8.4 | 7.8 | 84 | | 0.04 | 4 | | 24.73 | 12.01 | 18.63 |
| 27.0 | 1104 | 6.0 | | | 0.34 | 2.4 | | 8.3 | 7.7 | 84 | | 0.04 | 5 | | 25.30 | 11.96 | 19.08 |
| 27.0 | 1104 | 7.0 | | | 0.32 | 2.2 | | 8.2 | 7.6 | 83 | | 0.05 | 5 | | 25.66 | 11.90 | 19.37 |
| 27.0 | 1104 | 8.0 | | | 0.31 | 2.1 | | 8.2 | 7.6 | 83 | | 0.06 | 7 | | 25.73 | 11.90 | 19.42 |
| 27.0 | 1104 | 9.0 | | | 0.30 | 2.1 | | 8.2 | 7.6 | 83 | | 0.07 | 9 | | 25.75 | 11.90 | 19.44 |
| 27.0 | 1104 | 10.0 | | | 0.30 | 2.1 | | 8.2 | 7.6 | 83 | | 0.07 | 11 | | 25.76 | 11.90 | 19.44 |
| 27.0 | 1104 | 11.0 | | | 0.31 | 2.2 | | 8.2 | 7.6 | 83 | | 0.07 | 11 | | 25.77 | 11.90 | 19.45 |
| 27.0 | 1104 | 12.0 | 2.3 | 0.66 | 0.31 | 2.2 | | 8.2 | 7.6 | 83 | | 0.11 | 14 | | 25.78 | 11.90 | 19.46 |
| 26.0 | 1116 | 1.0 | | | 0.28 | 1.9 | | 8.6 | 7.9 | 84 | | 0.04 | 4 | 0.9 | 21.73 | 11.71 | 16.36 |
| 26.0 | 1116 | 2.0 | | | 0.30 | 2.1 | | 8.5 | 7.9 | 84 | | 0.04 | 4 | | 22.34 | 11.84 | 16.81 |
| 26.0 | 1116 | 3.0 | | | 0.32 | 2.2 | | 8.4 | 7.8 | 84 | | 0.04 | 4 | | 23.02 | 11.95 | 17.32 |
| 26.0 | 1116 | 4.0 | | | 0.32 | 2.3 | | 8.4 | 7.8 | 84 | | 0.04 | 4 | | 23.39 | 11.95 | 17.60 |
| 26.0 | 1116 | 5.0 | | | 0.32 | 2.3 | | 8.3 | 7.7 | 84 | | 0.04 | 4 | | 24.15 | 11.96 | 18.19 |
| 26.0 | 1116 | 6.0 | | | 0.32 | 2.2 | | 8.3 | 7.7 | 84 | | 0.04 | 4 | | 24.82 | 11.96 | 18.70 |
| 26.0 | 1116 | 7.0 | | | 0.31 | 2.1 | | 8.2 | 7.7 | 83 | | 0.05 | 5 | | 25.55 | 11.92 | 19.28 |
| 26.0 | 1116 | 8.0 | | | 0.30 | 2.1 | | 8.2 | 7.6 | 83 | | 0.06 | 7 | | 25.62 | 11.92 | 19.33 |
| 26.0 | 1116 | 9.0 | | | 0.30 | 2.1 | | 8.2 | 7.6 | 83 | | 0.07 | 9 | | 25.64 | 11.91 | 19.35 |
| 26.0 | 1116 | 10.0 | | | 0.30 | 2.1 | | 8.2 | 7.6 | 83 | | 0.08 | 10 | | 25.64 | 11.91 | 19.35 |
| 25.0 | 1133 | 1.0 | | | 0.25 | 1.7 | | 8.7 | 8.0 | 84 | | 0.04 | 5 | 1.0 | 20.72 | 11.52 | 15.60 |
| 25.0 | 1133 | 2.0 | | | 0.25 | 1.6 | | 8.7 | 8.0 | 84 | | 0.04 | 5 | | 20.80 | 11.53 | 15.66 |
| 25.0 | 1133 | 3.0 | | | 0.24 | 1.6 | | 8.8 | 8.1 | 85 | | 0.04 | 5 | | 21.08 | 11.60 | 15.87 |
| 25.0 | 1133 | 4.0 | | | 0.25 | 1.6 | | 8.5 | 7.9 | 84 | | 0.04 | 5 | | 23.07 | 11.81 | 17.37 |
| 25.0 | 1133 | 5.0 | | | 0.26 | 1.7 | | 8.3 | 7.7 | 84 | | 0.05 | 5 | | 24.74 | 11.95 | 18.65 |
| 25.0 | 1133 | 6.0 | | | 0.27 | 1.8 | | 8.3 | 7.7 | 84 | | 0.05 | 6 | | 25.00 | 11.93 | 18.85 |
| 25.0 | 1133 | 7.0 | | | 0.27 | 1.8 | | 8.3 | 7.7 | 83 | | 0.06 | 7 | | 25.06 | 11.92 | 18.90 |
| 25.0 | 1133 | 8.0 | | | 0.27 | 1.8 | | 8.3 | 7.7 | 83 | | 0.06 | 7 | | 25.08 | 11.92 | 18.91 |
| 24.0 | 1149 | 1.0 | | | 0.31 | 2.1 | | 8.9 | 8.2 | 84 | | 0.05 | 6 | 1.1 | 16.84 | 11.37 | 12.62 |
| 24.0 | 1149 | 2.0 | 1.9 | 0.84 | 0.30 | 2.1 | 8.4 | 8.9 | 8.2 | 84 | 3.9 | 0.05 | 6 | | 17.13 | 11.39 | 12.85 |
| 24.0 | 1149 | 3.0 | | | 0.27 | 1.8 | | 8.9 | 8.2 | 84 | | 0.05 | 6 | | 17.53 | 11.44 | 13.15 |
| 24.0 | 1149 | 4.0 | | | 0.26 | 1.7 | | 8.8 | 8.1 | 84 | | 0.05 | 6 | | 18.65 | 11.57 | 13.99 |
| 24.0 | 1149 | 5.0 | | | 0.25 | 1.6 | | 8.8 | 8.1 | 84 | | 0.05 | 6 | | 19.26 | 11.63 | 14.45 |
| 24.0 | 1149 | 6.0 | | | 0.23 | 1.5 | | 8.8 | 8.1 | 85 | | 0.05 | 5 | | 20.10 | 11.69 | 15.10 |
| 24.0 | 1149 | 7.0 | | | 0.23 | 1.5 | | 8.5 | 7.9 | 84 | | 0.05 | 5 | | 23.10 | 11.86 | 17.39 |
| 24.0 | 1149 | 8.0 | | | 0.24 | 1.5 | | 8.4 | 7.8 | 84 | | 0.05 | 6 | | 24.58 | 11.93 | 18.52 |
| 24.0 | 1149 | 9.0 | | | 0.24 | 1.5 | | 8.3 | 7.7 | 84 | | 0.05 | 6 | | 24.75 | 11.94 | 18.65 |
| 24.0 | 1149 | 10.0 | 1.6 | 0.71 | 0.24 | 1.5 | | 8.3 | 7.7 | 84 | | 0.05 | 6 | | 24.76 | 11.95 | 18.66 |

South San Francisco Bay January 20, 1998 98020

| 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 | 1205 | 1.0 | | | 0.23 | 1.4 | | 8.6 | 7.9 | 83 | | 0.06 | 7 | 1.1 | 18.88 | 11.66 | 14.16 |
| 23.0 | 1205 | 2.0 | | | 0.22 | 1.4 | | 8.6 | 7.9 | 83 | | 0.06 | 7 | | 19.19 | 11.67 | 14.40 |
| 23.0 | 1205 | 3.0 | | | 0.22 | 1.4 | | 8.6 | 7.9 | 83 | | 0.06 | 7 | | 19.83 | 11.70 | 14.89 |
| 23.0 | 1205 | 4.0 | | | 0.22 | 1.4 | | 8.6 | 7.9 | 83 | | 0.06 | 6 | | 20.60 | 11.73 | 15.48 |
| 23.0 | 1205 | 5.0 | | | 0.23 | 1.4 | | 8.5 | 7.9 | 83 | | 0.05 | 6 | | 21.41 | 11.76 | 16.10 |
| 23.0 | 1205 | 6.0 | | | 0.24 | 1.5 | | 8.5 | 7.9 | 84 | | 0.05 | 6 | | 22.10 | 11.78 | 16.63 |
| 23.0 | 1205 | 7.0 | | | 0.25 | 1.6 | | 8.4 | 7.8 | 84 | | 0.05 | 5 | | 23.14 | 11.82 | 17.42 |
| 23.0 | 1205 | 8.0 | | | 0.26 | 1.7 | | 8.4 | 7.8 | 84 | | 0.05 | 5 | | 23.78 | 11.84 | 17.92 |
| 23.0 | 1205 | 9.0 | | | 0.27 | 1.8 | | 8.3 | 7.8 | 83 | | 0.05 | 6 | | 23.90 | 11.85 | 18.01 |
| 23.0 | 1205 | 10.0 | | | 0.27 | 1.8 | | 8.3 | 7.7 | 83 | | 0.06 | 7 | | 23.93 | 11.85 | 18.04 |
| 23.0 | 1205 | 11.0 | | | 0.27 | 1.8 | | 8.3 | 7.7 | 83 | | 0.07 | 8 | | 23.96 | 11.85 | 18.06 |
| 23.0 | 1205 | 12.0 | | | 0.28 | 1.9 | | 8.3 | 7.7 | 83 | | 0.07 | 9 | | 23.99 | 11.86 | 18.08 |
| 23.0 | 1205 | 13.0 | | | 0.28 | 1.9 | | 8.3 | 7.7 | 83 | | 0.07 | 9 | | 24.00 | 11.86 | 18.09 |
| 23.0 | 1205 | 14.0 | | | 0.29 | 2.0 | | 8.3 | 7.7 | 83 | | 0.08 | 9 | | 24.03 | 11.86 | 18.11 |
| 23.0 | 1205 | 15.0 | | | 0.29 | 1.9 | | 8.3 | 7.7 | 83 | | 0.07 | 9 | | 24.03 | 11.86 | 18.11 |
| 22.0 | 1225 | 1.0 | | | 0.33 | 2.4 | | 9.0 | 8.2 | 84 | | 0.05 | 6 | 1.1 | 17.31 | 11.55 | 12.96 |
| 22.0 | 1225 | 2.0 | | | 0.29 | 2.0 | | 8.7 | 8.0 | 84 | | 0.05 | 6 | | 20.00 | 11.73 | 15.01 |
| 22.0 | 1225 | 3.0 | | | 0.25 | 1.6 | | 8.5 | 7.9 | 84 | | 0.05 | 6 | | 21.82 | 11.80 | 16.41 |
| 22.0 | 1225 | 4.0 | | | 0.24 | 1.5 | | 8.5 | 7.8 | 84 | | 0.05 | 6 | | 22.37 | 11.83 | 16.83 |
| 22.0 | 1225 | 5.0 | | | 0.24 | 1.5 | | 8.4 | 7.8 | 84 | | 0.05 | 6 | | 22.74 | 11.84 | 17.11 |
| 22.0 | 1225 | 6.0 | | | 0.24 | 1.5 | | 8.4 | 7.8 | 84 | | 0.05 | 6 | | 23.14 | 11.85 | 17.42 |
| 22.0 | 1225 | 7.0 | | | 0.24 | 1.5 | | 8.4 | 7.8 | 83 | | 0.05 | 6 | | 23.37 | 11.86 | 17.60 |
| 22.0 | 1225 | 8.0 | | | 0.24 | 1.5 | | 8.3 | 7.7 | 83 | | 0.06 | 7 | | 23.48 | 11.86 | 17.68 |
| 22.0 | 1225 | 9.0 | | | 0.24 | 1.5 | | 8.3 | 7.7 | 83 | | 0.06 | 8 | | 23.53 | 11.86 | 17.73 |
| 22.0 | 1225 | 10.0 | | | 0.25 | 1.6 | | 8.3 | 7.7 | 83 | | 0.07 | 8 | | 23.56 | 11.86 | 17.74 |
| 22.0 | 1225 | 11.0 | | | 0.25 | 1.6 | | 8.3 | 7.7 | 83 | | 0.07 | 9 | | 23.63 | 11.85 | 17.80 |
| 22.0 | 1225 | 12.0 | | | 0.25 | 1.6 | | 8.3 | 7.7 | 83 | | 0.07 | 9 | | 23.71 | 11.86 | 17.87 |
| 22.0 | 1225 | 13.0 | | | 0.25 | 1.7 | | 8.3 | 7.7 | 83 | | 0.08 | 9 | | 23.82 | 11.88 | 17.95 |
| 22.0 | 1225 | 14.0 | | | 0.26 | 1.7 | | 8.3 | 7.7 | 83 | | 0.08 | 9 | | 23.89 | 11.88 | 18.00 |
| 22.0 | 1225 | 15.0 | | | 0.25 | 1.6 | | 8.3 | 7.7 | 83 | | 0.08 | 9 | | 24.00 | 11.90 | 18.08 |
| 22.0 | 1225 | 16.0 | | | 0.25 | 1.6 | | 8.2 | 7.7 | 83 | | 0.08 | 9 | | 24.12 | 11.91 | 18.17 |
| 22.0 | 1225 | 17.0 | | | 0.25 | 1.6 | | 8.2 | 7.7 | 83 | | 0.08 | 10 | | 24.24 | 11.92 | 18.26 |
| 21.0 | 1239 | 1.0 | | | 0.34 | 2.5 | | 8.8 | 8.1 | 83 | | 0.05 | 6 | 1.2 | 18.43 | 11.59 | 13.82 |
| 21.0 | 1239 | 2.0 | 2.5 | 0.81 | 0.34 | 2.4 | 7.8 | 8.8 | 8.1 | 84 | 7.1 | 0.05 | 6 | | 18.75 | 11.57 | 14.08 |
| 21.0 | 1239 | 3.0 | | | 0.31 | 2.2 | | 8.8 | 8.1 | 84 | | 0.05 | 6 | | 19.28 | 11.61 | 14.48 |
| 21.0 | 1239 | 4.0 | | | 0.28 | 1.9 | | 8.6 | 8.0 | 84 | | 0.05 | 6 | | 20.74 | 11.73 | 15.59 |
| 21.0 | 1239 | 5.0 | | | 0.25 | 1.6 | | 8.5 | 7.9 | 83 | | 0.05 | 6 | | 21.57 | 11.78 | 16.22 |
| 21.0 | 1239 | 6.0 | | | 0.24 | 1.5 | | 8.4 | 7.8 | 83 | | 0.05 | 6 | | 21.81 | 11.78 | 16.41 |
| 21.0 | 1239 | 7.0 | | | 0.24 | 1.5 | | 8.4 | 7.8 | 83 | | 0.06 | 6 | | 22.00 | 11.74 | 16.56 |
| 21.0 | 1239 | 8.0 | | | 0.24 | 1.6 | | 8.4 | 7.8 | 83 | | 0.06 | 6 | | 22.56 | 11.72 | 17.00 |
| 21.0 | 1239 | 9.0 | | | 0.25 | 1.6 | | 8.4 | 7.8 | 83 | | 0.06 | 7 | | 22.65 | 11.74 | 17.06 |

South San Francisco Bay January 20, 1998 98020

| 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 | 1239 | 10.0 | | | 0.25 | 1.6 | | 8.4 | 7.8 | 83 | | 0.06 | 7 | | 22.75 | 11.75 | 17.14 |
| 21.0 | 1239 | 11.0 | | | 0.27 | 1.8 | | 8.4 | 7.8 | 83 | | 0.06 | 8 | | 22.77 | 11.75 | 17.16 |
| 21.0 | 1239 | 12.0 | | | 0.27 | 1.8 | | 8.3 | 7.8 | 83 | | 0.07 | 9 | | 22.98 | 11.77 | 17.32 |
| 21.0 | 1239 | 13.0 | | | 0.26 | 1.7 | | 8.3 | 7.7 | 83 | | 0.08 | 10 | | 23.05 | 11.79 | 17.36 |
| 21.0 | 1239 | 14.0 | | | 0.26 | 1.7 | | 8.3 | 7.7 | 83 | | 0.08 | 10 | | 23.06 | 11.79 | 17.37 |
| 21.0 | 1239 | 15.0 | | | 0.25 | 1.7 | | 8.4 | 7.8 | 83 | | 0.09 | 11 | | 23.06 | 11.80 | 17.37 |
| 21.0 | 1239 | 16.0 | | | 0.25 | 1.6 | | 8.3 | 7.7 | 83 | | 0.09 | 11 | | 23.21 | 11.85 | 17.48 |
| 21.0 | 1239 | 17.0 | 1.4 | 0.39 | 0.25 | 1.6 | | 8.2 | 7.7 | 83 | | 0.11 | 14 | | 23.79 | 11.96 | 17.91 |

| | n | r^2 | Slope | Inter. | Std. Err. |
|---|---|---|---|---|---|
| Fluorometer Calibration: | 12 | 0.873 | 9.280 | -0.703 | 0.269 |
| OBS Calibration: | 6 | 0.928 | 139.956 | -1.423 | 1.247 |
| Dissolved Oxygen Calibration: | 6 | 0.481 | 0.759 | 1.423 | 0.271 |

SeaBird v4.026

South San Francisco Bay February 11, 1998 98042

| 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 | 1326 | 1.0 | | | 0.31 | 1.8 | | 8.8 | 9.1 | 91 | | 0.21 | 27 | 2.7 | 10.80 | 12.22 | 7.84 |
| 36.0 | 1326 | 2.0 | 1.2 | 0.83 | 0.31 | 1.7 | 9.4 | 8.9 | 9.3 | 93 | 29.6 | 0.20 | 27 | | 11.68 | 11.65 | 8.59 |
| 36.0 | 1326 | 3.0 | | | 0.31 | 1.7 | | 8.9 | 9.3 | 93 | | 0.22 | 28 | | 12.09 | 11.66 | 8.91 |
| 36.0 | 1326 | 4.0 | | | 0.30 | 1.6 | | 8.9 | 9.3 | 92 | | 0.24 | 31 | | 12.52 | 11.61 | 9.25 |
| 36.0 | 1326 | 5.0 | | | 0.29 | 1.5 | | 8.9 | 9.3 | 92 | | 0.25 | 33 | | 12.99 | 11.56 | 9.62 |
| 36.0 | 1326 | 6.0 | | | 0.30 | 1.6 | | 8.8 | 9.2 | 92 | | 0.26 | 35 | | 13.22 | 11.59 | 9.79 |
| 36.0 | 1326 | 7.0 | | | 0.30 | 1.6 | | 8.8 | 9.2 | 92 | | 0.32 | 42 | | 13.36 | 11.61 | 9.90 |
| 36.0 | 1326 | 8.0 | 1.1 | 0.41 | 0.30 | 1.6 | | 8.8 | 9.2 | 92 | | 0.37 | 49 | | 13.44 | 11.62 | 9.96 |
| 35.0 | 1315 | 1.0 | | | 0.32 | 1.8 | | 8.9 | 9.3 | 93 | | 0.17 | 22 | 2.2 | 11.55 | 11.69 | 8.49 |
| 35.0 | 1315 | 2.0 | | | 0.31 | 1.7 | | 8.9 | 9.4 | 93 | | 0.17 | 23 | | 11.82 | 11.56 | 8.72 |
| 35.0 | 1315 | 3.0 | | | 0.30 | 1.6 | | 8.9 | 9.3 | 93 | | 0.19 | 25 | | 12.09 | 11.55 | 8.93 |
| 35.0 | 1315 | 4.0 | | | 0.29 | 1.5 | | 8.9 | 9.3 | 93 | | 0.21 | 28 | | 12.73 | 11.57 | 9.42 |
| 35.0 | 1315 | 5.0 | | | 0.28 | 1.5 | | 8.9 | 9.3 | 93 | | 0.23 | 29 | | 13.34 | 11.58 | 9.89 |
| 35.0 | 1315 | 6.0 | | | 0.29 | 1.5 | | 8.9 | 9.2 | 93 | | 0.25 | 32 | | 13.49 | 11.61 | 10.00 |
| 35.0 | 1315 | 7.0 | | | 0.29 | 1.6 | | 8.9 | 9.3 | 93 | | 0.28 | 36 | | 13.52 | 11.61 | 10.02 |
| 35.0 | 1315 | 8.0 | | | 0.30 | 1.6 | | 8.9 | 9.2 | 93 | | 0.29 | 39 | | 13.57 | 11.63 | 10.06 |
| 35.0 | 1315 | 9.0 | | | 0.30 | 1.6 | | 8.8 | 9.2 | 93 | | 0.31 | 40 | | 13.66 | 11.65 | 10.13 |
| 34.0 | 1301 | 1.0 | | | 0.32 | 1.8 | | 8.8 | 9.2 | 91 | | 0.14 | 19 | 2.1 | 10.36 | 11.99 | 7.53 |
| 34.0 | 1301 | 2.0 | | | 0.33 | 1.9 | | 8.9 | 9.3 | 93 | | 0.15 | 20 | | 12.18 | 11.58 | 8.99 |
| 34.0 | 1301 | 3.0 | | | 0.30 | 1.6 | | 8.8 | 9.2 | 92 | | 0.15 | 20 | | 13.54 | 11.56 | 10.05 |
| 34.0 | 1301 | 4.0 | | | 0.29 | 1.5 | | 8.8 | 9.2 | 92 | | 0.17 | 22 | | 13.69 | 11.60 | 10.16 |
| 34.0 | 1301 | 5.0 | | | 0.29 | 1.5 | | 8.8 | 9.2 | 92 | | 0.20 | 26 | | 13.73 | 11.60 | 10.19 |
| 34.0 | 1301 | 6.0 | | | 0.29 | 1.5 | | 8.8 | 9.2 | 92 | | 0.22 | 29 | | 13.78 | 11.61 | 10.23 |
| 34.0 | 1301 | 7.0 | | | 0.29 | 1.5 | | 8.8 | 9.2 | 92 | | 0.24 | 31 | | 13.83 | 11.63 | 10.26 |
| 34.0 | 1301 | 8.0 | | | 0.30 | 1.6 | | 8.8 | 9.2 | 92 | | 0.25 | 32 | | 13.87 | 11.65 | 10.29 |
| 34.0 | 1301 | 9.0 | | | 0.30 | 1.7 | | 8.8 | 9.1 | 92 | | 0.28 | 37 | | 13.93 | 11.68 | 10.33 |
| 34.0 | 1301 | 10.0 | | | 0.30 | 1.7 | | 8.8 | 9.2 | 92 | | 0.34 | 45 | | 13.98 | 11.69 | 10.36 |
| 33.0 | 1246 | 1.0 | | | 0.31 | 1.7 | | 9.0 | 9.4 | 94 | | 0.17 | 22 | 2.2 | 12.65 | 11.61 | 9.35 |
| 33.0 | 1246 | 2.0 | | | 0.31 | 1.7 | 9.4 | 9.0 | 9.5 | 94 | | 0.17 | 23 | | 12.74 | 11.59 | 9.43 |
| 33.0 | 1246 | 3.0 | | | 0.31 | 1.7 | | 9.0 | 9.4 | 94 | | 0.18 | 23 | | 12.81 | 11.58 | 9.48 |
| 33.0 | 1246 | 4.0 | | | 0.30 | 1.7 | | 9.0 | 9.5 | 94 | | 0.17 | 23 | | 12.83 | 11.57 | 9.50 |
| 33.0 | 1246 | 5.0 | | | 0.30 | 1.6 | | 9.0 | 9.4 | 94 | | 0.18 | 23 | | 12.83 | 11.58 | 9.49 |
| 33.0 | 1246 | 6.0 | | | 0.29 | 1.5 | | 9.0 | 9.5 | 95 | | 0.18 | 23 | | 13.12 | 11.56 | 9.72 |
| 33.0 | 1246 | 7.0 | | | 0.28 | 1.4 | | 9.0 | 9.4 | 95 | | 0.17 | 22 | | 13.76 | 11.58 | 10.21 |
| 33.0 | 1246 | 8.0 | | | 0.28 | 1.4 | | 9.0 | 9.4 | 94 | | 0.17 | 21 | | 13.99 | 11.62 | 10.38 |
| 33.0 | 1246 | 9.0 | | | 0.28 | 1.3 | | 8.9 | 9.3 | 94 | | 0.16 | 21 | | 14.08 | 11.63 | 10.45 |
| 33.0 | 1246 | 10.0 | | | 0.27 | 1.3 | | 8.9 | 9.3 | 94 | | 0.17 | 22 | | 14.10 | 11.64 | 10.47 |
| 33.0 | 1246 | 11.0 | | | 0.28 | 1.4 | | 8.9 | 9.3 | 94 | | 0.18 | 24 | | 14.14 | 11.64 | 10.50 |
| 33.0 | 1246 | 12.0 | | | 0.28 | 1.4 | | 8.9 | 9.3 | 94 | | 0.20 | 26 | | 14.16 | 11.65 | 10.51 |
| 33.0 | 1246 | 13.0 | | | 0.28 | 1.4 | | 8.9 | 9.3 | 94 | | 0.22 | 28 | | 14.17 | 11.65 | 10.52 |

South San Francisco Bay February 11, 1998 98042

| 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 | 1246 | 14.0 | | | 0.28 | 1.4 | | 8.9 | 9.3 | 94 | | 0.23 | 30 | | 14.22 | 11.66 | 10.56 |
| 32.0 | 1236 | 1.0 | | | 0.28 | 1.4 | | 8.9 | 9.3 | 94 | | 0.11 | 14 | 1.7 | 12.94 | 12.20 | 9.49 |
| 32.0 | 1236 | 2.0 | 1.2 | 0.67 | 0.28 | 1.4 | | 8.8 | 9.2 | 93 | | 0.10 | 13 | | 13.06 | 11.95 | 9.62 |
| 32.0 | 1236 | 3.0 | | | 0.29 | 1.5 | | 8.9 | 9.3 | 93 | | 0.11 | 14 | | 13.17 | 11.69 | 9.74 |
| 32.0 | 1236 | 4.0 | | | 0.29 | 1.5 | | 8.9 | 9.3 | 93 | | 0.12 | 15 | | 13.20 | 11.64 | 9.77 |
| 32.0 | 1236 | 5.0 | | | 0.28 | 1.4 | | 9.0 | 9.4 | 94 | | 0.12 | 15 | | 13.47 | 11.55 | 9.99 |
| 32.0 | 1236 | 6.0 | | | 0.27 | 1.3 | | 8.9 | 9.4 | 94 | | 0.12 | 15 | | 13.83 | 11.57 | 10.27 |
| 32.0 | 1236 | 7.0 | | | 0.27 | 1.3 | | 8.9 | 9.3 | 94 | | 0.13 | 16 | | 14.00 | 11.61 | 10.39 |
| 32.0 | 1236 | 8.0 | | | 0.27 | 1.3 | | 8.9 | 9.3 | 94 | | 0.16 | 20 | | 14.12 | 11.64 | 10.49 |
| 32.0 | 1236 | 9.0 | | | 0.27 | 1.3 | | 8.9 | 9.3 | 94 | | 0.18 | 23 | | 14.18 | 11.65 | 10.53 |
| 32.0 | 1236 | 10.0 | | | 0.27 | 1.3 | | 8.9 | 9.3 | 94 | | 0.19 | 24 | | 14.20 | 11.66 | 10.54 |
| 32.0 | 1236 | 11.0 | | | 0.28 | 1.4 | | 8.9 | 9.3 | 94 | | 0.19 | 24 | | 14.24 | 11.66 | 10.57 |
| 32.0 | 1236 | 12.0 | | | 0.28 | 1.4 | | 8.9 | 9.3 | 94 | | 0.20 | 26 | | 14.27 | 11.67 | 10.60 |
| 32.0 | 1236 | 13.0 | | | 0.28 | 1.4 | | 8.9 | 9.3 | 94 | | 0.21 | 28 | | 14.31 | 11.68 | 10.62 |
| 32.0 | 1236 | 14.0 | 1.5 | 0.52 | 0.28 | 1.4 | | 8.9 | 9.3 | 94 | | 0.22 | 29 | | 14.34 | 11.68 | 10.64 |
| 31.0 | 1222 | 1.0 | | | 0.30 | 1.7 | | 9.0 | 9.4 | 96 | | 0.08 | 10 | 1.5 | 13.06 | 12.20 | 9.58 |
| 31.0 | 1222 | 2.0 | | | 0.31 | 1.7 | | 8.9 | 9.3 | 94 | | 0.08 | 10 | | 13.21 | 11.95 | 9.73 |
| 31.0 | 1222 | 3.0 | | | 0.29 | 1.6 | | 9.0 | 9.4 | 94 | | 0.08 | 10 | | 13.38 | 11.67 | 9.91 |
| 31.0 | 1222 | 4.0 | | | 0.28 | 1.4 | | 9.0 | 9.4 | 94 | | 0.09 | 11 | | 13.45 | 11.65 | 9.97 |
| 31.0 | 1222 | 5.0 | | | 0.28 | 1.4 | | 8.9 | 9.4 | 94 | | 0.10 | 12 | | 13.60 | 11.59 | 10.08 |
| 31.0 | 1222 | 6.0 | | | 0.27 | 1.3 | | 9.0 | 9.4 | 94 | | 0.10 | 12 | | 13.65 | 11.56 | 10.13 |
| 31.0 | 1222 | 7.0 | | | 0.26 | 1.2 | | 8.9 | 9.3 | 94 | | 0.10 | 13 | | 13.89 | 11.57 | 10.31 |
| 31.0 | 1222 | 8.0 | | | 0.26 | 1.2 | | 8.9 | 9.3 | 94 | | 0.11 | 14 | | 13.97 | 11.59 | 10.37 |
| 31.0 | 1222 | 9.0 | | | 0.26 | 1.2 | | 8.9 | 9.3 | 94 | | 0.12 | 15 | | 13.98 | 11.59 | 10.38 |
| 31.0 | 1222 | 10.0 | | | 0.26 | 1.2 | | 8.9 | 9.3 | 94 | | 0.13 | 16 | | 13.98 | 11.59 | 10.38 |
| 31.0 | 1222 | 11.0 | | | 0.27 | 1.2 | | 8.9 | 9.3 | 94 | | 0.13 | 17 | | 13.99 | 11.59 | 10.39 |
| 31.0 | 1222 | 12.0 | | | 0.27 | 1.3 | | 8.9 | 9.3 | 94 | | 0.14 | 18 | | 13.99 | 11.59 | 10.39 |
| 31.0 | 1222 | 13.0 | | | 0.27 | 1.3 | | 8.9 | 9.3 | 94 | | 0.15 | 19 | | 14.00 | 11.60 | 10.40 |
| 31.0 | 1222 | 14.0 | | | 0.27 | 1.3 | | 8.9 | 9.3 | 94 | | 0.15 | 20 | | 14.00 | 11.60 | 10.40 |
| 31.0 | 1222 | 15.0 | | | 0.27 | 1.3 | | 9.0 | 9.4 | 94 | | 0.17 | 22 | | 14.00 | 11.60 | 10.40 |
| 30.0 | 1204 | 1.0 | | | 0.30 | 1.6 | | 9.1 | 9.6 | 96 | | 0.06 | 8 | 1.2 | 12.90 | 11.63 | 9.54 |
| 30.0 | 1204 | 2.0 | 2.5 | 0.78 | 0.31 | 1.7 | 9.7 | 9.1 | 9.6 | 95 | 8.5 | 0.06 | 7 | | 13.10 | 11.48 | 9.72 |
| 30.0 | 1204 | 3.0 | | | 0.28 | 1.4 | | 9.1 | 9.6 | 95 | | 0.06 | 7 | | 13.19 | 11.43 | 9.79 |
| 30.0 | 1204 | 4.0 | | | 0.27 | 1.3 | | 9.1 | 9.6 | 96 | | 0.06 | 8 | | 13.25 | 11.42 | 9.84 |
| 30.0 | 1204 | 5.0 | | | 0.27 | 1.3 | | 9.1 | 9.6 | 96 | | 0.07 | 8 | | 13.50 | 11.45 | 10.03 |
| 30.0 | 1204 | 6.0 | | | 0.26 | 1.2 | | 9.1 | 9.5 | 96 | | 0.07 | 8 | | 13.67 | 11.51 | 10.15 |
| 30.0 | 1204 | 7.0 | | | 0.26 | 1.2 | | 9.0 | 9.5 | 95 | | 0.07 | 9 | | 13.88 | 11.56 | 10.31 |
| 30.0 | 1204 | 8.0 | | | 0.26 | 1.2 | | 9.0 | 9.4 | 95 | | 0.08 | 10 | | 14.07 | 11.59 | 10.45 |
| 30.0 | 1204 | 9.0 | | | 0.26 | 1.2 | | 9.0 | 9.4 | 95 | | 0.09 | 11 | | 14.13 | 11.60 | 10.50 |
| 30.0 | 1204 | 10.0 | | | 0.27 | 1.3 | | 9.0 | 9.4 | 95 | | 0.11 | 14 | | 14.21 | 11.62 | 10.55 |

South San Francisco Bay February 11, 1998 98042

| 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 | 1204 | 11.0 | | | 0.27 | 1.3 | | 9.0 | 9.4 | 95 | | 0.13 | 16 | | 14.28 | 11.63 | 10.60 |
| 30.0 | 1204 | 12.0 | | | 0.27 | 1.3 | | 8.9 | 9.4 | 94 | | 0.14 | 18 | | 14.30 | 11.64 | 10.62 |
| 30.0 | 1204 | 13.0 | | | 0.28 | 1.4 | | 8.9 | 9.4 | 94 | | 0.15 | 20 | | 14.31 | 11.64 | 10.63 |
| 30.0 | 1204 | 14.0 | | | 0.27 | 1.3 | | 8.9 | 9.3 | 94 | | 0.16 | 21 | | 14.31 | 11.64 | 10.63 |
| 30.0 | 1204 | 15.0 | 1.5 | 0.63 | 0.27 | 1.3 | | 8.9 | 9.3 | 94 | | 0.18 | 23 | | 14.31 | 11.64 | 10.63 |
| 29.5 | 1151 | 1.0 | | | 0.32 | 1.8 | | 9.2 | 9.7 | 97 | | 0.06 | 8 | 0.9 | 12.85 | 11.51 | 9.52 |
| 29.5 | 1151 | 2.0 | | | 0.31 | 1.8 | | 9.2 | 9.7 | 97 | | 0.06 | 8 | | 12.84 | 11.50 | 9.52 |
| 29.5 | 1151 | 3.0 | | | 0.32 | 1.8 | | 9.2 | 9.7 | 97 | | 0.06 | 7 | | 12.81 | 11.50 | 9.49 |
| 29.5 | 1151 | 4.0 | | | 0.31 | 1.7 | | 9.2 | 9.7 | 97 | | 0.06 | 8 | | 12.90 | 11.45 | 9.57 |
| 29.5 | 1151 | 5.0 | | | 0.28 | 1.4 | | 9.2 | 9.7 | 96 | | 0.06 | 7 | | 13.14 | 11.43 | 9.75 |
| 29.5 | 1151 | 6.0 | | | 0.26 | 1.2 | | 9.1 | 9.6 | 96 | | 0.06 | 8 | | 13.35 | 11.47 | 9.92 |
| 29.5 | 1151 | 7.0 | | | 0.25 | 1.1 | | 9.1 | 9.6 | 96 | | 0.07 | 8 | | 13.48 | 11.48 | 10.01 |
| 29.5 | 1151 | 8.0 | | | 0.25 | 1.1 | | 9.1 | 9.6 | 96 | | 0.07 | 8 | | 13.73 | 11.53 | 10.20 |
| 29.5 | 1151 | 9.0 | | | 0.25 | 1.1 | | 9.0 | 9.5 | 95 | | 0.07 | 9 | | 14.11 | 11.59 | 10.48 |
| 29.5 | 1151 | 10.0 | | | 0.25 | 1.1 | | 9.0 | 9.4 | 95 | | 0.09 | 11 | | 14.20 | 11.61 | 10.55 |
| 29.5 | 1151 | 11.0 | | | 0.26 | 1.2 | | 9.0 | 9.4 | 95 | | 0.11 | 14 | | 14.23 | 11.61 | 10.57 |
| 29.5 | 1151 | 12.0 | | | 0.26 | 1.2 | | 9.0 | 9.4 | 95 | | 0.13 | 17 | | 14.27 | 11.62 | 10.60 |
| 29.5 | 1151 | 13.0 | | | 0.27 | 1.3 | | 9.0 | 9.4 | 95 | | 0.14 | 19 | | 14.30 | 11.63 | 10.63 |
| 29.5 | 1151 | 14.0 | | | 0.27 | 1.3 | | 9.0 | 9.4 | 95 | | 0.17 | 22 | | 14.31 | 11.63 | 10.63 |
| 29.5 | 1151 | 15.0 | | | 0.28 | 1.4 | | 9.0 | 9.4 | 95 | | 0.21 | 27 | | 14.31 | 11.63 | 10.63 |
| 29.5 | 1151 | 16.0 | | | 0.27 | 1.3 | | 8.9 | 9.4 | 94 | | 0.24 | 31 | | 14.31 | 11.63 | 10.63 |
| 29.0 | 1138 | 1.0 | | | 0.30 | 1.6 | | 9.1 | 9.6 | 95 | | 0.06 | 8 | 1.3 | 12.69 | 11.47 | 9.40 |
| 29.0 | 1138 | 2.0 | | | 0.31 | 1.7 | | 9.1 | 9.6 | 95 | | 0.06 | 7 | | 12.55 | 11.48 | 9.29 |
| 29.0 | 1138 | 3.0 | | | 0.32 | 1.8 | | 9.1 | 9.6 | 96 | | 0.06 | 7 | | 12.55 | 11.45 | 9.29 |
| 29.0 | 1138 | 4.0 | | | 0.33 | 1.9 | | 9.1 | 9.6 | 96 | | 0.06 | 7 | | 12.59 | 11.44 | 9.33 |
| 29.0 | 1138 | 5.0 | | | 0.30 | 1.7 | | 9.1 | 9.6 | 95 | | 0.06 | 7 | | 12.80 | 11.43 | 9.49 |
| 29.0 | 1138 | 6.0 | | | 0.27 | 1.3 | | 9.1 | 9.6 | 95 | | 0.06 | 7 | | 12.97 | 11.40 | 9.63 |
| 29.0 | 1138 | 7.0 | | | 0.26 | 1.2 | | 9.1 | 9.6 | 95 | | 0.06 | 7 | | 13.10 | 11.43 | 9.73 |
| 29.0 | 1138 | 8.0 | | | 0.25 | 1.0 | | 9.1 | 9.6 | 95 | | 0.06 | 7 | | 13.18 | 11.43 | 9.78 |
| 29.0 | 1138 | 9.0 | | | 0.24 | 1.0 | | 9.1 | 9.5 | 95 | | 0.06 | 7 | | 13.28 | 11.46 | 9.86 |
| 29.0 | 1138 | 10.0 | | | 0.25 | 1.0 | | 9.1 | 9.5 | 95 | | 0.06 | 7 | | 13.42 | 11.48 | 9.96 |
| 29.0 | 1138 | 11.0 | | | 0.25 | 1.1 | | 9.1 | 9.5 | 95 | | 0.06 | 8 | | 13.56 | 11.49 | 10.07 |
| 29.0 | 1138 | 12.0 | | | 0.25 | 1.0 | | 9.1 | 9.6 | 96 | | 0.07 | 8 | | 13.63 | 11.50 | 10.12 |
| 29.0 | 1138 | 13.0 | | | 0.25 | 1.0 | | 9.0 | 9.5 | 95 | | 0.07 | 9 | | 14.06 | 11.59 | 10.44 |
| 29.0 | 1138 | 14.0 | | | 0.25 | 1.1 | | 9.0 | 9.4 | 95 | | 0.08 | 10 | | 14.30 | 11.62 | 10.63 |
| 29.0 | 1138 | 15.0 | | | 0.25 | 1.1 | | 9.0 | 9.4 | 95 | | 0.09 | 12 | | 14.35 | 11.63 | 10.66 |
| 29.0 | 1138 | 16.0 | | | 0.25 | 1.1 | | 9.0 | 9.4 | 95 | | 0.12 | 15 | | 14.38 | 11.63 | 10.69 |
| 28.0 | 1123 | 1.0 | | | 0.26 | 1.2 | | 9.3 | 9.8 | 96 | | 0.07 | 8 | 1.2 | 10.83 | 11.26 | 7.99 |
| 28.0 | 1123 | 2.0 | | | 0.26 | 1.2 | | 9.2 | 9.7 | 95 | | 0.07 | 8 | | 11.13 | 11.30 | 8.22 |
| 28.0 | 1123 | 3.0 | | | 0.26 | 1.2 | | 9.2 | 9.6 | 95 | | 0.06 | 8 | | 12.16 | 11.32 | 9.01 |

South San Francisco Bay February 11, 1998 98042

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 28.0 | 1123 | 4.0 | | | 0.25 | 1.1 | | 9.1 | 9.6 | 95 | | 0.06 | 8 | | 12.76 | 11.37 | 9.47 |
| 28.0 | 1123 | 5.0 | | | 0.25 | 1.1 | | 9.1 | 9.5 | 95 | | 0.06 | 7 | | 12.88 | 11.39 | 9.56 |
| 28.0 | 1123 | 6.0 | | | 0.25 | 1.0 | | 9.1 | 9.5 | 95 | | 0.06 | 7 | | 12.93 | 11.40 | 9.59 |
| 28.0 | 1123 | 7.0 | | | 0.24 | 1.0 | | 9.1 | 9.5 | 95 | | 0.06 | 7 | | 12.95 | 11.40 | 9.61 |
| 28.0 | 1123 | 8.0 | | | 0.24 | 1.0 | | 9.2 | 9.7 | 96 | | 0.06 | 7 | | 13.06 | 11.41 | 9.70 |
| 28.0 | 1123 | 9.0 | | | 0.24 | 0.9 | | 9.1 | 9.5 | 96 | | 0.06 | 7 | | 13.68 | 11.53 | 10.16 |
| 28.0 | 1123 | 10.0 | | | 0.24 | 1.0 | | 9.0 | 9.4 | 95 | | 0.07 | 9 | | 13.98 | 11.58 | 10.38 |
| 28.0 | 1123 | 11.0 | | | 0.24 | 1.0 | | 9.0 | 9.4 | 95 | | 0.09 | 11 | | 13.98 | 11.58 | 10.38 |
| 28.0 | 1123 | 12.0 | | | 0.24 | 1.0 | | 9.0 | 9.4 | 95 | | 0.10 | 12 | | 14.00 | 11.59 | 10.40 |
| 28.0 | 1123 | 13.0 | | | 0.24 | 1.0 | | 9.0 | 9.4 | 95 | | 0.10 | 13 | | 14.08 | 11.61 | 10.46 |
| 28.0 | 1123 | 14.0 | | | 0.24 | 1.0 | | 9.0 | 9.4 | 94 | | 0.10 | 12 | | 14.17 | 11.63 | 10.52 |
| 28.0 | 1123 | 15.0 | | | 0.25 | 1.0 | | 8.9 | 9.3 | 94 | | 0.09 | 12 | | 14.26 | 11.63 | 10.59 |
| 28.0 | 1123 | 16.0 | | | 0.25 | 1.1 | | 8.9 | 9.3 | 94 | | 0.09 | 12 | | 14.33 | 11.64 | 10.65 |
| 28.0 | 1123 | 17.0 | | | 0.26 | 1.1 | | 8.9 | 9.3 | 94 | | 0.11 | 14 | | 14.38 | 11.64 | 10.68 |
| 27.0 | 1110 | 1.0 | | | 0.25 | 1.1 | | 9.2 | 9.7 | 96 | | 0.07 | 8 | 1.2 | 12.01 | 11.26 | 8.90 |
| 27.0 | 1110 | 2.0 | 1.4 | 0.73 | 0.25 | 1.1 | 9.7 | 9.2 | 9.7 | 96 | 8.3 | 0.07 | 8 | | 12.16 | 11.26 | 9.02 |
| 27.0 | 1110 | 3.0 | | | 0.24 | 1.0 | | 9.2 | 9.7 | 96 | | 0.07 | 8 | | 12.44 | 11.30 | 9.23 |
| 27.0 | 1110 | 4.0 | | | 0.24 | 0.9 | | 9.2 | 9.7 | 96 | | 0.06 | 8 | | 12.68 | 11.33 | 9.41 |
| 27.0 | 1110 | 5.0 | | | 0.24 | 0.9 | | 9.2 | 9.7 | 97 | | 0.07 | 8 | | 12.88 | 11.39 | 9.56 |
| 27.0 | 1110 | 6.0 | | | 0.23 | 0.9 | | 9.1 | 9.6 | 96 | | 0.06 | 7 | | 13.19 | 11.47 | 9.79 |
| 27.0 | 1110 | 7.0 | | | 0.23 | 0.9 | | 9.1 | 9.6 | 96 | | 0.06 | 7 | | 13.24 | 11.49 | 9.83 |
| 27.0 | 1110 | 8.0 | | | 0.23 | 0.9 | | 9.1 | 9.6 | 96 | | 0.06 | 7 | | 13.31 | 11.52 | 9.87 |
| 27.0 | 1110 | 9.0 | | | 0.24 | 0.9 | | 9.1 | 9.5 | 95 | | 0.06 | 7 | | 13.37 | 11.55 | 9.92 |
| 27.0 | 1110 | 10.0 | | | 0.24 | 0.9 | | 9.1 | 9.5 | 95 | | 0.06 | 7 | | 13.40 | 11.56 | 9.94 |
| 27.0 | 1110 | 11.0 | | | 0.23 | 0.9 | | 9.0 | 9.5 | 95 | | 0.06 | 8 | | 13.49 | 11.57 | 10.00 |
| 27.0 | 1110 | 12.0 | | | 0.23 | 0.9 | | 9.0 | 9.4 | 95 | | 0.07 | 8 | | 13.68 | 11.59 | 10.15 |
| 27.0 | 1110 | 13.0 | | | 0.24 | 0.9 | | 9.0 | 9.4 | 95 | | 0.07 | 9 | | 13.75 | 11.60 | 10.20 |
| 27.0 | 1110 | 14.0 | 0.9 | 0.44 | 0.24 | 0.9 | | 9.0 | 9.4 | 95 | | 0.08 | 10 | | 13.78 | 11.60 | 10.23 |
| 26.0 | 1056 | 1.0 | | | 0.27 | 1.3 | | 9.1 | 9.5 | 94 | | 0.09 | 11 | 1.4 | 12.23 | 11.41 | 9.06 |
| 26.0 | 1056 | 2.0 | | | 0.27 | 1.3 | | 9.1 | 9.6 | 95 | | 0.09 | 11 | | 12.05 | 11.39 | 8.91 |
| 26.0 | 1056 | 3.0 | | | 0.26 | 1.2 | | 9.1 | 9.6 | 95 | | 0.09 | 11 | | 12.35 | 11.41 | 9.15 |
| 26.0 | 1056 | 4.0 | | | 0.25 | 1.1 | | 9.1 | 9.5 | 95 | | 0.09 | 11 | | 13.00 | 11.43 | 9.65 |
| 26.0 | 1056 | 5.0 | | | 0.25 | 1.0 | | 9.1 | 9.5 | 95 | | 0.09 | 11 | | 13.20 | 11.45 | 9.80 |
| 26.0 | 1056 | 6.0 | | | 0.24 | 1.0 | | 9.1 | 9.5 | 95 | | 0.09 | 10 | | 13.30 | 11.48 | 9.87 |
| 26.0 | 1056 | 7.0 | | | 0.24 | 0.9 | | 9.0 | 9.4 | 95 | | 0.08 | 10 | | 13.39 | 11.54 | 9.93 |
| 26.0 | 1056 | 8.0 | | | 0.23 | 0.9 | | 9.0 | 9.4 | 94 | | 0.09 | 11 | | 13.43 | 11.56 | 9.96 |
| 26.0 | 1056 | 9.0 | | | 0.23 | 0.9 | | 9.0 | 9.4 | 94 | | 0.09 | 12 | | 13.45 | 11.57 | 9.97 |
| 26.0 | 1056 | 10.0 | | | 0.23 | 0.9 | | 8.9 | 9.3 | 94 | | 0.10 | 12 | | 13.49 | 11.59 | 10.00 |
| 26.0 | 1056 | 11.0 | | | 0.23 | 0.9 | | 8.9 | 9.3 | 94 | | 0.11 | 14 | | 13.55 | 11.61 | 10.05 |

South San Francisco Bay February 11, 1998 98042

| 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 | 1040 | 1.0 | | | 0.27 | 1.3 | | 9.4 | 9.9 | 97 | | 0.08 | 10 | 1.4 | 10.01 | 11.34 | 7.35 |
| 25.0 | 1040 | 2.0 | | | 0.27 | 1.2 | | 9.2 | 9.7 | 96 | | 0.08 | 10 | | 10.92 | 11.47 | 8.03 |
| 25.0 | 1040 | 3.0 | | | 0.25 | 1.1 | | 9.2 | 9.7 | 96 | | 0.08 | 10 | | 11.46 | 11.50 | 8.45 |
| 25.0 | 1040 | 4.0 | | | 0.25 | 1.1 | | 9.1 | 9.6 | 95 | | 0.08 | 9 | | 12.39 | 11.59 | 9.15 |
| 25.0 | 1040 | 5.0 | | | 0.24 | 1.0 | | 9.0 | 9.5 | 95 | | 0.08 | 10 | | 12.90 | 11.65 | 9.54 |
| 25.0 | 1040 | 6.0 | | | 0.24 | 1.0 | | 9.0 | 9.5 | 95 | | 0.09 | 12 | | 13.18 | 11.70 | 9.74 |
| 25.0 | 1040 | 7.0 | | | 0.24 | 1.0 | | 9.0 | 9.4 | 95 | | 0.11 | 14 | | 13.52 | 11.75 | 10.01 |
| 25.0 | 1040 | 8.0 | | | 0.25 | 1.1 | | 8.9 | 9.3 | 94 | | 0.15 | 19 | | 13.84 | 11.80 | 10.24 |
| 25.0 | 1040 | 9.0 | | | 0.27 | 1.3 | | 8.9 | 9.3 | 94 | | 0.20 | 27 | | 14.05 | 11.83 | 10.40 |
| 25.0 | 1040 | 10.0 | | | 0.27 | 1.3 | | 8.9 | 9.3 | 94 | | 0.59 | 78 | | 14.09 | 11.83 | 10.44 |
| 24.0 | 1026 | 1.0 | | | 0.30 | 1.6 | | 9.4 | 10.0 | 96 | | 0.20 | 26 | 2.3 | 7.82 | 11.25 | 5.66 |
| 24.0 | 1026 | 2.0 | 2.1 | 0.88 | 0.29 | 1.5 | 9.9 | 9.4 | 9.9 | 96 | 17.2 | 0.17 | 22 | | 8.40 | 11.32 | 6.11 |
| 24.0 | 1026 | 3.0 | | | 0.28 | 1.5 | | 9.4 | 9.9 | 96 | | 0.15 | 19 | | 8.61 | 11.33 | 6.26 |
| 24.0 | 1026 | 4.0 | | | 0.27 | 1.3 | | 9.3 | 9.8 | 96 | | 0.13 | 17 | | 10.41 | 11.36 | 7.65 |
| 24.0 | 1026 | 5.0 | | | 0.25 | 1.1 | | 9.2 | 9.7 | 96 | | 0.12 | 15 | | 11.58 | 11.51 | 8.54 |
| 24.0 | 1026 | 6.0 | | | 0.24 | 1.0 | | 9.1 | 9.6 | 96 | | 0.09 | 12 | | 12.40 | 11.61 | 9.16 |
| 24.0 | 1026 | 7.0 | | | 0.23 | 0.9 | | 9.2 | 9.6 | 97 | | 0.08 | 10 | | 13.11 | 11.73 | 9.69 |
| 24.0 | 1026 | 8.0 | | | 0.23 | 0.9 | | 9.0 | 9.4 | 96 | | 0.08 | 10 | | 14.40 | 11.96 | 10.65 |
| 24.0 | 1026 | 9.0 | | | 0.24 | 1.0 | | 8.9 | 9.3 | 95 | | 0.16 | 20 | | 15.10 | 12.04 | 11.18 |
| 24.0 | 1026 | 10.0 | | | 0.24 | 1.0 | | 8.8 | 9.2 | 95 | | 0.29 | 38 | | 15.45 | 12.08 | 11.44 |
| 24.0 | 1026 | 11.0 | | | 0.26 | 1.1 | | 8.8 | 9.2 | 94 | | 0.47 | 62 | | 15.60 | 12.09 | 11.56 |
| 24.0 | 1026 | 12.0 | 1.0 | 0.40 | 0.26 | 1.2 | | 8.8 | 9.2 | 95 | | 0.63 | 84 | | 15.63 | 12.10 | 11.58 |
| 23.0 | 1012 | 1.0 | | | 0.27 | 1.3 | | 9.3 | 9.9 | 94 | | 0.26 | 34 | 2.7 | 7.65 | 10.96 | 5.56 |
| 23.0 | 1012 | 2.0 | | | 0.27 | 1.3 | | 9.3 | 9.8 | 94 | | 0.25 | 33 | | 8.50 | 11.03 | 6.21 |
| 23.0 | 1012 | 3.0 | | | 0.27 | 1.3 | | 9.3 | 9.8 | 95 | | 0.24 | 31 | | 8.97 | 11.08 | 6.58 |
| 23.0 | 1012 | 4.0 | | | 0.27 | 1.3 | | 9.4 | 9.9 | 96 | | 0.23 | 30 | | 9.33 | 11.14 | 6.84 |
| 23.0 | 1012 | 5.0 | | | 0.26 | 1.2 | | 9.4 | 10.0 | 98 | | 0.22 | 29 | | 10.34 | 11.30 | 7.61 |
| 23.0 | 1012 | 6.0 | | | 0.24 | 1.0 | | 9.2 | 9.7 | 97 | | 0.13 | 16 | | 12.37 | 11.63 | 9.13 |
| 23.0 | 1012 | 7.0 | | | 0.24 | 0.9 | | 9.1 | 9.6 | 96 | | 0.08 | 10 | | 12.97 | 11.71 | 9.58 |
| 23.0 | 1012 | 8.0 | | | 0.23 | 0.9 | | 9.1 | 9.5 | 96 | | 0.08 | 10 | | 13.34 | 11.77 | 9.86 |
| 23.0 | 1012 | 9.0 | | | 0.23 | 0.9 | | 9.0 | 9.5 | 95 | | 0.09 | 11 | | 13.61 | 11.80 | 10.07 |
| 23.0 | 1012 | 10.0 | | | 0.23 | 0.9 | | 9.0 | 9.4 | 95 | | 0.09 | 12 | | 13.72 | 11.82 | 10.15 |
| 23.0 | 1012 | 11.0 | | | 0.23 | 0.9 | | 9.0 | 9.4 | 95 | | 0.11 | 14 | | 13.97 | 11.86 | 10.34 |
| 23.0 | 1012 | 12.0 | | | 0.24 | 1.0 | | 9.0 | 9.4 | 95 | | 0.16 | 20 | | 14.10 | 11.87 | 10.43 |
| 23.0 | 1012 | 13.0 | | | 0.24 | 1.0 | | 9.0 | 9.4 | 96 | | 0.26 | 35 | | 14.60 | 12.02 | 10.79 |
| 23.0 | 1012 | 14.0 | | | 0.24 | 1.0 | | 8.9 | 9.3 | 96 | | 0.40 | 52 | | 16.05 | 12.25 | 11.88 |
| 23.0 | 1012 | 15.0 | | | 0.25 | 1.1 | | 8.8 | 9.2 | 96 | | 0.58 | 77 | | 17.44 | 12.52 | 12.91 |
| 23.0 | 1012 | 16.0 | | | 0.25 | 1.1 | | 8.7 | 9.0 | 96 | | 0.88 | 117 | | 18.53 | 12.63 | 13.73 |
| 22.0 | 0955 | 1.0 | | | 0.28 | 1.4 | | 9.3 | 9.8 | 92 | | 0.34 | 46 | 3.4 | 6.30 | 10.80 | 4.53 |
| 22.0 | 0955 | 2.0 | | | 0.28 | 1.4 | | 9.3 | 9.8 | 93 | | 0.33 | 44 | | 6.75 | 10.85 | 4.88 |

South San Francisco Bay February 11, 1998 98042

| 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 | 0955 | 3.0 | | | 0.28 | 1.4 | | 9.3 | 9.8 | 94 | | 0.32 | 42 | | 7.56 | 10.96 | 5.49 |
| 22.0 | 0955 | 4.0 | | | 0.27 | 1.3 | | 9.2 | 9.7 | 93 | | 0.30 | 40 | | 8.35 | 11.05 | 6.10 |
| 22.0 | 0955 | 5.0 | | | 0.27 | 1.2 | | 9.2 | 9.7 | 94 | | 0.29 | 38 | | 8.52 | 11.06 | 6.23 |
| 22.0 | 0955 | 6.0 | | | 0.26 | 1.2 | | 9.2 | 9.7 | 94 | | 0.28 | 36 | | 8.57 | 11.06 | 6.27 |
| 22.0 | 0955 | 7.0 | | | 0.26 | 1.2 | | 9.3 | 9.8 | 95 | | 0.27 | 35 | | 8.59 | 11.06 | 6.28 |
| 22.0 | 0955 | 8.0 | | | 0.26 | 1.2 | | 9.5 | 10.1 | 98 | | 0.26 | 34 | | 9.18 | 11.16 | 6.72 |
| 22.0 | 0955 | 9.0 | | | 0.25 | 1.0 | | 9.4 | 9.9 | 98 | | 0.25 | 33 | | 11.86 | 11.53 | 8.75 |
| 22.0 | 0955 | 10.0 | | | 0.23 | 0.9 | | 9.4 | 9.9 | 100 | | 0.24 | 31 | | 13.36 | 11.76 | 9.88 |
| 22.0 | 0955 | 11.0 | | | 0.22 | 0.7 | | 9.1 | 9.5 | 98 | | 0.24 | 31 | | 16.02 | 12.13 | 11.88 |
| 22.0 | 0955 | 12.0 | | | 0.21 | 0.6 | | 9.0 | 9.4 | 98 | | 0.22 | 28 | | 16.66 | 12.23 | 12.36 |
| 22.0 | 0955 | 13.0 | | | 0.21 | 0.6 | | 9.0 | 9.4 | 98 | | 0.20 | 26 | | 17.07 | 12.29 | 12.66 |
| 22.0 | 0955 | 14.0 | | | 0.20 | 0.6 | | 8.9 | 9.2 | 97 | | 0.19 | 25 | | 18.08 | 12.44 | 13.42 |
| 22.0 | 0955 | 15.0 | | | 0.21 | 0.6 | | 8.8 | 9.1 | 96 | | 0.20 | 26 | | 18.49 | 12.49 | 13.73 |
| 22.0 | 0955 | 16.0 | | | 0.21 | 0.6 | | 8.8 | 9.1 | 96 | | 0.24 | 31 | | 18.57 | 12.51 | 13.79 |
| 22.0 | 0955 | 17.0 | | | 0.21 | 0.7 | | 8.7 | 9.1 | 96 | | 0.30 | 39 | | 18.91 | 12.56 | 14.04 |
| 22.0 | 0955 | 18.0 | | | 0.22 | 0.8 | | 8.7 | 9.0 | 95 | | 0.35 | 46 | | 19.18 | 12.60 | 14.24 |
| 22.0 | 0955 | 19.0 | | | 0.23 | 0.8 | | 8.6 | 8.9 | 95 | | 0.52 | 69 | | 19.37 | 12.63 | 14.38 |
| 21.0 | 0943 | 1.0 | | | 0.27 | 1.3 | | 9.2 | 9.7 | 93 | | 0.35 | 47 | 3.5 | 8.07 | 11.01 | 5.89 |
| 21.0 | 0943 | 2.0 | 0.8 | 0.42 | 0.27 | 1.3 | 9.7 | 9.2 | 9.7 | 93 | 46.6 | 0.35 | 46 | | 8.36 | 11.05 | 6.11 |
| 21.0 | 0943 | 3.0 | | | 0.27 | 1.3 | | 9.3 | 9.8 | 94 | | 0.35 | 47 | | 8.77 | 11.11 | 6.41 |
| 21.0 | 0943 | 4.0 | | | 0.26 | 1.2 | | 9.3 | 9.8 | 94 | | 0.36 | 47 | | 9.28 | 11.19 | 6.80 |
| 21.0 | 0943 | 5.0 | | | 0.26 | 1.2 | | 9.2 | 9.7 | 94 | | 0.36 | 47 | | 9.89 | 11.27 | 7.26 |
| 21.0 | 0943 | 6.0 | | | 0.26 | 1.2 | | 9.2 | 9.7 | 94 | | 0.31 | 41 | | 10.11 | 11.29 | 7.43 |
| 21.0 | 0943 | 7.0 | | | 0.25 | 1.1 | | 9.2 | 9.7 | 94 | | 0.26 | 34 | | 10.29 | 11.30 | 7.56 |
| 21.0 | 0943 | 8.0 | | | 0.25 | 1.1 | | 9.2 | 9.7 | 94 | | 0.25 | 33 | | 10.47 | 11.32 | 7.70 |
| 21.0 | 0943 | 9.0 | | | 0.25 | 1.1 | | 9.2 | 9.7 | 95 | | 0.25 | 33 | | 10.59 | 11.34 | 7.79 |
| 21.0 | 0943 | 10.0 | | | 0.25 | 1.1 | | 9.2 | 9.7 | 95 | | 0.25 | 33 | | 10.81 | 11.36 | 7.96 |
| 21.0 | 0943 | 11.0 | | | 0.24 | 1.0 | | 9.2 | 9.7 | 96 | | 0.24 | 32 | | 11.09 | 11.46 | 8.17 |
| 21.0 | 0943 | 12.0 | | | 0.24 | 0.9 | | 9.2 | 9.6 | 96 | | 0.26 | 34 | | 12.31 | 11.65 | 9.08 |
| 21.0 | 0943 | 13.0 | | | 0.23 | 0.9 | | 9.2 | 9.7 | 97 | | 0.29 | 38 | | 13.05 | 11.85 | 9.62 |
| 21.0 | 0943 | 14.0 | | | 0.22 | 0.8 | | 9.0 | 9.5 | 97 | | 0.24 | 31 | | 14.59 | 11.99 | 10.79 |
| 21.0 | 0943 | 15.0 | | | 0.22 | 0.7 | | 9.0 | 9.5 | 97 | | 0.22 | 28 | | 15.14 | 12.07 | 11.21 |
| 21.0 | 0943 | 16.0 | | | 0.22 | 0.7 | | 9.0 | 9.4 | 97 | | 0.24 | 31 | | 16.06 | 12.19 | 11.90 |
| 21.0 | 0943 | 17.0 | | | 0.23 | 0.8 | | 8.9 | 9.3 | 97 | | 0.28 | 37 | | 16.91 | 12.37 | 12.52 |
| 21.0 | 0943 | 18.0 | | | 0.24 | 0.9 | | 8.8 | 9.2 | 96 | | 0.49 | 65 | | 17.82 | 12.41 | 13.22 |
| 21.0 | 0943 | 19.0 | 0.9 | 0.49 | 0.24 | 0.9 | | 8.8 | 9.2 | 96 | | 0.73 | 98 | | 17.86 | 12.43 | 13.25 |

| | n | r^2 | Slope | Inter. | Std. Err. |
|---|---|---|---|---|---|
| Fluorometer Calibration: | 12 | 0.299 | 10.724 | -1.600 | 0.451 |
| OBS Calibration: | 5 | 0.971 | 134.845 | -0.992 | 3.217 |
| Dissolved Oxygen Calibration: | 6 | 0.917 | 1.312 | -2.376 | 0.070 |

SeaBird v4.026

North San Francisco Bay February 18, 1998 98049

| 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 | 1655 | 1.0 | | | 0.25 | 1.3 | | 9.4 | 10.3 | 92 | | 1.21 | 151 | | 0.08 | 10.26 | 0.00 |
| 657.0 | 1655 | 2.0 | 1.7 | 0.87 | 0.25 | 1.3 | 10.4 | 9.4 | 10.3 | 92 | 144.6 | 1.19 | 148 | | 0.08 | 10.26 | 0.00 |
| 657.0 | 1655 | 3.0 | | | 0.25 | 1.3 | | 9.4 | 10.3 | 92 | | 1.24 | 155 | | 0.08 | 10.26 | 0.00 |
| 657.0 | 1655 | 4.0 | | | 0.25 | 1.3 | | 9.4 | 10.3 | 92 | | 1.21 | 151 | | 0.08 | 10.26 | 0.00 |
| 657.0 | 1655 | 5.0 | | | 0.25 | 1.3 | | 9.4 | 10.3 | 92 | | 1.20 | 150 | | 0.08 | 10.26 | 0.00 |
| 657.0 | 1655 | 6.0 | | | 0.25 | 1.3 | | 9.5 | 10.3 | 92 | | 1.23 | 154 | | 0.08 | 10.26 | 0.00 |
| 657.0 | 1655 | 7.0 | | | 0.25 | 1.3 | | 9.4 | 10.3 | 92 | | 1.23 | 154 | | 0.08 | 10.26 | 0.00 |
| 657.0 | 1655 | 8.0 | | | 0.25 | 1.3 | | 9.5 | 10.3 | 92 | | 1.19 | 149 | | 0.08 | 10.26 | 0.00 |
| 657.0 | 1655 | 9.0 | | | 0.25 | 1.3 | | 9.4 | 10.3 | 92 | | 1.23 | 154 | | 0.08 | 10.25 | 0.00 |
| 657.0 | 1655 | 10.0 | | | 0.25 | 1.3 | | 9.5 | 10.3 | 92 | | 1.20 | 150 | | 0.08 | 10.25 | 0.00 |
| 657.0 | 1655 | 11.0 | | | 0.25 | 1.3 | | 9.5 | 10.3 | 92 | | 1.20 | 149 | | 0.08 | 10.25 | 0.00 |
| 657.0 | 1655 | 12.0 | 2.0 | 0.83 | 0.25 | 1.3 | | 9.4 | 10.3 | 92 | | 1.16 | 144 | | 0.08 | 10.25 | 0.00 |
| 649.0 | 1539 | 1.0 | | | 0.23 | 1.2 | | 9.6 | 10.3 | 92 | | 1.24 | 155 | 7.9 | 0.07 | 9.91 | 0.00 |
| 649.0 | 1539 | 2.0 | 1.8 | 0.77 | 0.23 | 1.3 | 10.5 | 9.6 | 10.3 | 92 | | 1.14 | 141 | | 0.07 | 9.91 | 0.00 |
| 649.0 | 1539 | 3.0 | | | 0.23 | 1.3 | | 9.6 | 10.3 | 92 | | 1.13 | 140 | | 0.07 | 9.90 | 0.00 |
| 649.0 | 1539 | 4.0 | | | 0.23 | 1.2 | | 9.6 | 10.3 | 92 | | 1.13 | 140 | | 0.07 | 9.90 | 0.00 |
| 649.0 | 1539 | 5.0 | | | 0.23 | 1.3 | | 9.6 | 10.3 | 92 | | 1.11 | 137 | | 0.07 | 9.90 | 0.00 |
| 649.0 | 1539 | 6.0 | | | 0.24 | 1.3 | | 9.6 | 10.3 | 92 | | 1.10 | 135 | | 0.07 | 9.90 | 0.00 |
| 649.0 | 1539 | 7.0 | | | 0.24 | 1.3 | | 9.6 | 10.3 | 92 | | 1.11 | 136 | | 0.07 | 9.89 | 0.00 |
| 649.0 | 1539 | 8.0 | | | 0.24 | 1.3 | | 9.6 | 10.3 | 92 | | 1.09 | 134 | | 0.07 | 9.89 | 0.00 |
| 649.0 | 1539 | 9.0 | | | 0.24 | 1.3 | | 9.6 | 10.3 | 92 | | 1.09 | 134 | | 0.07 | 9.89 | 0.00 |
| 649.0 | 1539 | 10.0 | | | 0.24 | 1.3 | | 9.6 | 10.3 | 92 | | 1.10 | 136 | | 0.07 | 9.89 | 0.00 |
| 649.0 | 1539 | 11.0 | | | 0.24 | 1.3 | | 9.6 | 10.3 | 92 | | 1.10 | 135 | | 0.07 | 9.89 | 0.00 |
| 649.0 | 1539 | 12.0 | 1.6 | 0.47 | 0.24 | 1.3 | | 9.7 | 10.3 | 92 | | 1.13 | 139 | | 0.07 | 9.89 | 0.00 |
| 2.0 | 1510 | 1.0 | | | 0.23 | 1.3 | | 9.6 | 10.3 | 92 | | 0.90 | 107 | 7.4 | 0.07 | 9.88 | 0.00 |
| 2.0 | 1510 | 2.0 | | | 0.24 | 1.3 | | 9.6 | 10.3 | 92 | | 0.87 | 103 | | 0.07 | 9.86 | 0.00 |
| 2.0 | 1510 | 3.0 | | | 0.24 | 1.3 | | 9.6 | 10.3 | 92 | | 0.88 | 105 | | 0.07 | 9.85 | 0.00 |
| 2.0 | 1510 | 4.0 | | | 0.24 | 1.3 | | 9.7 | 10.3 | 92 | | 0.89 | 106 | | 0.07 | 9.85 | 0.00 |
| 2.0 | 1510 | 5.0 | | | 0.24 | 1.3 | | 9.7 | 10.3 | 92 | | 0.90 | 107 | | 0.07 | 9.85 | 0.00 |
| 2.0 | 1510 | 6.0 | | | 0.23 | 1.3 | | 9.7 | 10.3 | 92 | | 0.91 | 109 | | 0.07 | 9.85 | 0.00 |
| 2.0 | 1510 | 7.0 | | | 0.23 | 1.3 | | 9.7 | 10.4 | 92 | | 0.94 | 112 | | 0.07 | 9.85 | 0.00 |
| 2.0 | 1510 | 8.0 | | | 0.23 | 1.3 | | 9.7 | 10.4 | 92 | | 0.93 | 112 | | 0.07 | 9.85 | 0.00 |
| 2.0 | 1510 | 9.0 | | | 0.23 | 1.2 | | 9.7 | 10.4 | 92 | | 0.90 | 107 | | 0.07 | 9.85 | 0.00 |
| 2.0 | 1510 | 10.0 | | | 0.23 | 1.3 | | 9.7 | 10.4 | 92 | | 0.93 | 111 | | 0.07 | 9.85 | 0.00 |
| 2.0 | 1510 | 11.0 | | | 0.25 | 1.3 | | 9.7 | 10.4 | 92 | | 0.92 | 110 | | 0.07 | 9.85 | 0.00 |
| 2.0 | 1510 | 12.0 | | | 0.25 | 1.3 | | 9.7 | 10.4 | 92 | | 0.88 | 105 | | 0.07 | 9.85 | 0.00 |
| 3.0 | 1450 | 1.0 | | | 0.29 | 1.5 | | 9.3 | 10.3 | 92 | | 0.69 | 77 | 5.7 | 0.08 | 10.19 | 0.00 |
| 3.0 | 1450 | 2.0 | 1.5 | 0.56 | 0.29 | 1.5 | 10.1 | 9.3 | 10.3 | 92 | 78.2 | 0.66 | 73 | | 0.08 | 10.19 | 0.00 |
| 3.0 | 1450 | 3.0 | | | 0.30 | 1.5 | | 9.3 | 10.3 | 92 | | 0.65 | 72 | | 0.08 | 10.19 | 0.00 |
| 3.0 | 1450 | 4.0 | | | 0.30 | 1.5 | | 9.3 | 10.3 | 92 | | 0.66 | 73 | | 0.08 | 10.17 | 0.00 |

North San Francisco Bay February 18, 1998 98049

| 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 | 1450 | 5.0 | | | 0.29 | 1.5 | | 9.3 | 10.3 | 92 | | 0.68 | 76 | | 0.08 | 10.17 | 0.00 |
| 3.0 | 1450 | 6.0 | | | 0.29 | 1.5 | | 9.3 | 10.3 | 92 | | 0.69 | 77 | | 0.08 | 10.17 | 0.00 |
| 3.0 | 1450 | 7.0 | | | 0.29 | 1.5 | | 9.3 | 10.3 | 92 | | 0.69 | 78 | | 0.08 | 10.17 | 0.00 |
| 3.0 | 1450 | 8.0 | | | 0.29 | 1.5 | | 9.3 | 10.3 | 92 | | 0.69 | 77 | | 0.08 | 10.14 | 0.00 |
| 3.0 | 1450 | 9.0 | | | 0.29 | 1.4 | | 9.3 | 10.3 | 92 | | 0.69 | 78 | | 0.08 | 10.14 | 0.00 |
| 3.0 | 1450 | 10.0 | | | 0.28 | 1.4 | | 9.3 | 10.3 | 92 | | 0.71 | 81 | | 0.08 | 10.13 | 0.00 |
| 3.0 | 1450 | 11.0 | | | 0.28 | 1.4 | | 9.4 | 10.3 | 92 | | 0.72 | 81 | | 0.08 | 10.14 | 0.00 |
| 3.0 | 1450 | 12.0 | | | 0.28 | 1.4 | | 9.4 | 10.3 | 92 | | 0.72 | 81 | | 0.08 | 10.14 | 0.00 |
| 3.0 | 1450 | 13.0 | 1.7 | 0.83 | 0.29 | 1.4 | | 9.4 | 10.3 | 92 | | 0.73 | 82 | | 0.08 | 10.11 | 0.00 |
| 4.0 | 1419 | 1.0 | | | 0.25 | 1.3 | | 9.6 | 10.3 | 92 | | 1.06 | 129 | 8.7 | 0.08 | 9.98 | 0.00 |
| 4.0 | 1419 | 2.0 | | | 0.24 | 1.3 | | 9.6 | 10.3 | 92 | | 1.05 | 129 | | 0.08 | 9.98 | 0.00 |
| 4.0 | 1419 | 3.0 | | | 0.24 | 1.3 | | 9.6 | 10.3 | 92 | | 1.03 | 125 | | 0.08 | 9.98 | 0.00 |
| 4.0 | 1419 | 4.0 | | | 0.25 | 1.3 | | 9.6 | 10.3 | 92 | | 1.06 | 130 | | 0.08 | 9.98 | 0.00 |
| 4.0 | 1419 | 5.0 | | | 0.25 | 1.3 | | 9.6 | 10.3 | 92 | | 1.03 | 125 | | 0.08 | 9.98 | 0.00 |
| 4.0 | 1419 | 6.0 | | | 0.25 | 1.3 | | 9.6 | 10.3 | 92 | | 1.04 | 127 | | 0.08 | 9.98 | 0.00 |
| 4.0 | 1419 | 7.0 | | | 0.25 | 1.3 | | 9.6 | 10.3 | 92 | | 1.03 | 125 | | 0.08 | 9.97 | 0.00 |
| 4.0 | 1419 | 8.0 | | | 0.25 | 1.3 | | 9.6 | 10.3 | 92 | | 1.02 | 124 | | 0.08 | 9.97 | 0.00 |
| 4.0 | 1419 | 9.0 | | | 0.25 | 1.3 | | 9.6 | 10.3 | 92 | | 1.00 | 121 | | 0.07 | 9.97 | 0.00 |
| 4.0 | 1419 | 10.0 | | | 0.25 | 1.3 | | 9.6 | 10.3 | 92 | | 1.00 | 121 | | 0.07 | 9.97 | 0.00 |
| 4.0 | 1419 | 11.0 | | | 0.25 | 1.3 | | 9.6 | 10.3 | 92 | | 1.00 | 121 | | 0.07 | 9.97 | 0.00 |
| 4.0 | 1419 | 12.0 | | | 0.25 | 1.3 | | 9.6 | 10.3 | 92 | | 0.97 | 117 | | 0.07 | 9.97 | 0.00 |
| 4.0 | 1419 | 13.0 | | | 0.25 | 1.3 | | 9.6 | 10.3 | 92 | | 0.97 | 117 | | 0.07 | 9.97 | 0.00 |
| 4.0 | 1419 | 14.0 | | | 0.25 | 1.3 | | 9.6 | 10.3 | 92 | | 0.96 | 116 | | 0.07 | 9.97 | 0.00 |
| 4.0 | 1419 | 15.0 | | | 0.25 | 1.3 | | 9.6 | 10.3 | 92 | | 0.97 | 117 | | 0.07 | 9.97 | 0.00 |
| 4.0 | 1419 | 16.0 | | | 0.25 | 1.3 | | 9.6 | 10.3 | 92 | | 0.98 | 119 | | 0.07 | 9.97 | 0.00 |
| 4.0 | 1419 | 17.0 | | | 0.26 | 1.3 | | 9.6 | 10.3 | 92 | | 0.93 | 111 | | 0.07 | 9.97 | 0.00 |
| 5.0 | 1350 | 1.0 | | | 0.24 | 1.3 | | 9.5 | 10.3 | 92 | | 0.91 | 109 | 8.2 | 0.07 | 9.99 | 0.00 |
| 5.0 | 1350 | 2.0 | | | 0.24 | 1.3 | | 9.6 | 10.3 | 92 | | 0.90 | 108 | | 0.07 | 9.95 | 0.00 |
| 5.0 | 1350 | 3.0 | | | 0.25 | 1.3 | | 9.6 | 10.3 | 92 | | 0.93 | 111 | | 0.07 | 9.94 | 0.00 |
| 5.0 | 1350 | 4.0 | | | 0.24 | 1.3 | | 9.6 | 10.3 | 92 | | 0.93 | 112 | | 0.07 | 9.94 | 0.00 |
| 5.0 | 1350 | 5.0 | | | 0.24 | 1.3 | | 9.6 | 10.3 | 92 | | 0.92 | 110 | | 0.07 | 9.93 | 0.00 |
| 5.0 | 1350 | 6.0 | | | 0.25 | 1.3 | | 9.6 | 10.3 | 92 | | 0.92 | 110 | | 0.07 | 9.93 | 0.00 |
| 5.0 | 1350 | 7.0 | | | 0.25 | 1.3 | | 9.6 | 10.3 | 92 | | 0.92 | 109 | | 0.07 | 9.93 | 0.00 |
| 5.0 | 1350 | 8.0 | | | 0.25 | 1.3 | | 9.6 | 10.3 | 92 | | 0.94 | 113 | | 0.07 | 9.93 | 0.00 |
| 5.0 | 1350 | 9.0 | | | 0.25 | 1.3 | | 9.6 | 10.3 | 92 | | 0.96 | 115 | | 0.07 | 9.93 | 0.00 |
| 5.0 | 1350 | 10.0 | | | 0.25 | 1.3 | | 9.6 | 10.3 | 92 | | 0.95 | 114 | | 0.07 | 9.93 | 0.00 |
| 5.0 | 1350 | 11.0 | | | 0.25 | 1.3 | | 9.6 | 10.3 | 92 | | 0.94 | 113 | | 0.07 | 9.93 | 0.00 |
| 5.0 | 1350 | 12.0 | | | 0.25 | 1.3 | | 9.6 | 10.3 | 92 | | 0.95 | 114 | | 0.07 | 9.93 | 0.00 |
| 6.0 | 1323 | 1.0 | | | 0.26 | 1.4 | | 9.5 | 10.3 | 92 | | 1.10 | 136 | 9.0 | 0.08 | 10.04 | 0.00 |
| 6.0 | 1323 | 2.0 | 1.5 | 0.67 | 0.26 | 1.4 | 10.4 | 9.5 | 10.3 | 92 | 140.6 | 1.09 | 134 | | 0.08 | 10.04 | 0.00 |

North San Francisco Bay | February 18, 1998 | 98049

| 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 | 1323 | 3.0 | | | 0.27 | 1.4 | | 9.6 | 10.3 | 92 | | 1.10 | 135 | | 0.08 | 10.04 | 0.00 |
| 6.0 | 1323 | 4.0 | | | 0.27 | 1.4 | | 9.6 | 10.3 | 92 | | 1.10 | 135 | | 0.08 | 10.04 | 0.00 |
| 6.0 | 1323 | 5.0 | | | 0.27 | 1.4 | | 9.6 | 10.3 | 92 | | 1.11 | 137 | | 0.08 | 10.04 | 0.00 |
| 6.0 | 1323 | 6.0 | | | 0.27 | 1.4 | | 9.6 | 10.3 | 92 | | 1.10 | 136 | | 0.08 | 10.04 | 0.00 |
| 6.0 | 1323 | 7.0 | | | 0.27 | 1.4 | | 9.6 | 10.3 | 92 | | 1.09 | 134 | | 0.08 | 10.04 | 0.00 |
| 6.0 | 1323 | 8.0 | | | 0.27 | 1.4 | | 9.6 | 10.3 | 92 | | 1.09 | 134 | | 0.08 | 10.04 | 0.00 |
| 6.0 | 1323 | 9.0 | | | 0.26 | 1.4 | | 9.6 | 10.3 | 92 | | 1.09 | 133 | | 0.08 | 10.04 | 0.00 |
| 6.0 | 1323 | 10.0 | | | 0.27 | 1.4 | | 9.6 | 10.3 | 92 | | 1.10 | 136 | | 0.08 | 10.04 | 0.00 |
| 6.0 | 1323 | 11.0 | 1.4 | 0.70 | 0.27 | 1.4 | | 9.6 | 10.3 | 92 | | 1.09 | 134 | | 0.08 | 10.04 | 0.00 |
| 7.0 | 1250 | 1.0 | | | 0.32 | 1.6 | | 9.3 | 10.3 | 92 | | 0.74 | 84 | 7.5 | 0.09 | 10.19 | 0.00 |
| 7.0 | 1250 | 2.0 | | | 0.32 | 1.6 | | 9.3 | 10.3 | 92 | | 0.71 | 81 | | 0.09 | 10.19 | 0.00 |
| 7.0 | 1250 | 3.0 | | | 0.32 | 1.6 | | 9.3 | 10.3 | 92 | | 0.73 | 83 | | 0.09 | 10.22 | 0.00 |
| 7.0 | 1250 | 4.0 | | | 0.33 | 1.6 | | 9.3 | 10.3 | 92 | | 0.72 | 81 | | 0.09 | 10.23 | 0.00 |
| 7.0 | 1250 | 5.0 | | | 0.33 | 1.6 | | 9.3 | 10.3 | 92 | | 0.68 | 76 | | 0.09 | 10.23 | 0.00 |
| 7.0 | 1250 | 6.0 | | | 0.33 | 1.6 | | 9.3 | 10.3 | 92 | | 0.68 | 76 | | 0.09 | 10.23 | 0.00 |
| 7.0 | 1250 | 7.0 | | | 0.32 | 1.6 | | 9.3 | 10.3 | 92 | | 0.68 | 76 | | 0.09 | 10.23 | 0.00 |
| 7.0 | 1250 | 8.0 | | | 0.32 | 1.6 | | 9.3 | 10.3 | 92 | | 0.69 | 77 | | 0.09 | 10.23 | 0.00 |
| 7.0 | 1250 | 9.0 | | | 0.33 | 1.6 | | 9.3 | 10.3 | 92 | | 0.69 | 77 | | 0.09 | 10.22 | 0.00 |
| 7.0 | 1250 | 10.0 | | | 0.32 | 1.6 | | 9.3 | 10.3 | 92 | | 0.69 | 78 | | 0.09 | 10.21 | 0.00 |
| 7.0 | 1250 | 11.0 | | | 0.32 | 1.6 | | 9.3 | 10.3 | 92 | | 0.70 | 79 | | 0.09 | 10.20 | 0.00 |
| 7.0 | 1250 | 12.0 | | | 0.32 | 1.6 | | 9.3 | 10.3 | 92 | | 0.72 | 81 | | 0.09 | 10.19 | 0.00 |
| 7.0 | 1250 | 13.0 | | | 0.31 | 1.5 | | 9.3 | 10.3 | 92 | | 0.73 | 83 | | 0.09 | 10.20 | 0.00 |
| 7.0 | 1250 | 14.0 | | | 0.31 | 1.5 | | 9.3 | 10.3 | 92 | | 0.71 | 80 | | 0.09 | 10.19 | 0.00 |
| 8.0 | 1222 | 1.0 | | | 0.31 | 1.5 | | 9.4 | 10.3 | 92 | | 0.71 | 80 | 6.4 | 0.09 | 10.11 | 0.00 |
| 8.0 | 1222 | 2.0 | | | 0.31 | 1.5 | | 9.4 | 10.3 | 92 | | 0.69 | 77 | | 0.09 | 10.12 | 0.00 |
| 8.0 | 1222 | 3.0 | | | 0.31 | 1.5 | | 9.4 | 10.3 | 92 | | 0.68 | 76 | | 0.09 | 10.12 | 0.00 |
| 8.0 | 1222 | 4.0 | | | 0.31 | 1.5 | | 9.4 | 10.3 | 92 | | 0.68 | 76 | | 0.09 | 10.11 | 0.00 |
| 8.0 | 1222 | 5.0 | | | 0.31 | 1.5 | | 9.4 | 10.3 | 92 | | 0.69 | 77 | | 0.09 | 10.10 | 0.00 |
| 8.0 | 1222 | 6.0 | | | 0.31 | 1.5 | | 9.4 | 10.3 | 92 | | 0.69 | 78 | | 0.09 | 10.11 | 0.00 |
| 8.0 | 1222 | 7.0 | | | 0.31 | 1.5 | | 9.4 | 10.3 | 92 | | 0.69 | 77 | | 0.09 | 10.11 | 0.00 |
| 8.0 | 1222 | 8.0 | | | 0.31 | 1.5 | | 9.4 | 10.3 | 92 | | 0.70 | 79 | | 0.09 | 10.11 | 0.00 |
| 8.0 | 1222 | 9.0 | | | 0.31 | 1.5 | | 9.4 | 10.3 | 92 | | 0.70 | 78 | | 0.09 | 10.11 | 0.00 |
| 8.0 | 1222 | 10.0 | | | 0.31 | 1.5 | | 9.4 | 10.3 | 92 | | 0.70 | 78 | | 0.09 | 10.10 | 0.00 |
| 8.0 | 1222 | 11.0 | | | 0.31 | 1.5 | | 9.4 | 10.3 | 92 | | 0.69 | 78 | | 0.09 | 10.10 | 0.00 |
| 8.0 | 1222 | 12.0 | | | 0.32 | 1.5 | | 9.4 | 10.3 | 92 | | 0.70 | 79 | | 0.09 | 10.10 | 0.00 |
| 8.0 | 1222 | 13.0 | | | 0.31 | 1.5 | | 9.4 | 10.3 | 92 | | 0.71 | 80 | | 0.09 | 10.10 | 0.00 |
| 8.0 | 1222 | 14.0 | | | 0.31 | 1.5 | | 9.4 | 10.3 | 92 | | 0.72 | 81 | | 0.09 | 10.10 | 0.00 |
| 8.0 | 1222 | 15.0 | | | 0.31 | 1.5 | | 9.4 | 10.3 | 92 | | 0.73 | 83 | | 0.09 | 10.10 | 0.00 |
| 8.0 | 1222 | 16.0 | | | 0.31 | 1.5 | | 9.2 | 10.3 | 91 | | 0.74 | 84 | | 0.09 | 10.10 | 0.00 |

North San Francisco Bay February 18, 1998 98049

| 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 | 1154 | 1.0 | | | 0.29 | 1.5 | | 9.4 | 10.3 | 91 | | 1.11 | 136 | 9.0 | 0.12 | 10.06 | 0.00 |
| 9.0 | 1154 | 2.0 | 1.5 | 0.66 | 0.29 | 1.5 | 10.3 | 9.4 | 10.3 | 91 | 130.5 | 1.09 | 134 | | 0.11 | 10.04 | 0.00 |
| 9.0 | 1154 | 3.0 | | | 0.29 | 1.5 | | 9.4 | 10.3 | 91 | | 1.09 | 134 | | 0.11 | 10.03 | 0.00 |
| 9.0 | 1154 | 4.0 | | | 0.29 | 1.5 | | 9.4 | 10.3 | 91 | | 1.09 | 134 | | 0.11 | 10.03 | 0.00 |
| 9.0 | 1154 | 5.0 | | | 0.30 | 1.5 | | 9.4 | 10.3 | 92 | | 1.09 | 134 | | 0.12 | 10.04 | 0.00 |
| 9.0 | 1154 | 6.0 | | | 0.30 | 1.5 | | 9.4 | 10.3 | 92 | | 1.11 | 137 | | 0.11 | 10.02 | 0.00 |
| 9.0 | 1154 | 7.0 | | | 0.29 | 1.5 | | 9.4 | 10.3 | 92 | | 1.08 | 133 | | 0.11 | 10.04 | 0.00 |
| 9.0 | 1154 | 8.0 | | | 0.29 | 1.5 | | 9.4 | 10.3 | 92 | | 1.10 | 135 | | 0.11 | 10.01 | 0.00 |
| 9.0 | 1154 | 9.0 | | | 0.29 | 1.5 | | 9.4 | 10.3 | 91 | | 1.11 | 136 | | 0.10 | 9.97 | 0.00 |
| 9.0 | 1154 | 10.0 | | | 0.29 | 1.4 | | 9.4 | 10.3 | 91 | | 1.12 | 138 | | 0.10 | 9.96 | 0.00 |
| 9.0 | 1154 | 11.0 | | | 0.28 | 1.4 | | 9.4 | 10.3 | 91 | | 1.14 | 141 | | 0.10 | 9.97 | 0.00 |
| 9.0 | 1154 | 12.0 | | | 0.28 | 1.4 | | 9.5 | 10.3 | 91 | | 1.11 | 136 | | 0.09 | 9.93 | 0.00 |
| 9.0 | 1154 | 13.0 | | | 0.28 | 1.4 | | 9.5 | 10.3 | 91 | | 1.12 | 138 | | 0.09 | 9.93 | 0.00 |
| 9.0 | 1154 | 14.0 | | | 0.28 | 1.4 | | 9.5 | 10.3 | 91 | | 1.12 | 137 | | 0.10 | 9.94 | 0.00 |
| 9.0 | 1154 | 15.0 | | | 0.28 | 1.4 | | 9.5 | 10.3 | 92 | | 1.10 | 136 | | 0.10 | 9.94 | 0.00 |
| 9.0 | 1154 | 16.0 | | | 0.28 | 1.4 | | 9.5 | 10.3 | 91 | | 1.12 | 138 | | 0.09 | 9.91 | 0.00 |
| 9.0 | 1154 | 17.0 | | | 0.27 | 1.4 | | 9.5 | 10.3 | 91 | | 1.09 | 134 | | 0.09 | 9.91 | 0.00 |
| 9.0 | 1154 | 18.0 | | | 0.28 | 1.4 | | 9.5 | 10.3 | 91 | | 1.09 | 134 | | 0.09 | 9.91 | 0.00 |
| 9.0 | 1154 | 19.0 | | | 0.28 | 1.4 | | 9.5 | 10.3 | 91 | | 1.09 | 134 | | 0.09 | 9.89 | 0.00 |
| 9.0 | 1154 | 20.0 | | | 0.28 | 1.4 | | 9.5 | 10.3 | 91 | | 1.08 | 132 | | 0.09 | 9.90 | 0.00 |
| 9.0 | 1154 | 21.0 | | | 0.27 | 1.4 | | 9.6 | 10.3 | 92 | | 1.09 | 133 | | 0.09 | 9.90 | 0.00 |
| 9.0 | 1154 | 22.0 | | | 0.27 | 1.4 | | 9.6 | 10.3 | 92 | | 1.09 | 134 | | 0.09 | 9.90 | 0.00 |
| 9.0 | 1154 | 23.0 | | | 0.27 | 1.4 | | 9.6 | 10.3 | 92 | | 1.08 | 132 | | 0.09 | 9.92 | 0.00 |
| 9.0 | 1154 | 24.0 | | | 0.28 | 1.4 | | 9.6 | 10.3 | 92 | | 1.08 | 132 | | 0.09 | 9.91 | 0.00 |
| 9.0 | 1154 | 25.0 | | | 0.28 | 1.4 | | 9.6 | 10.3 | 92 | | 1.07 | 131 | | 0.09 | 9.91 | 0.00 |
| 9.0 | 1154 | 26.0 | | | 0.28 | 1.4 | | 9.6 | 10.3 | 92 | | 1.08 | 132 | | 0.09 | 9.90 | 0.00 |
| 9.0 | 1154 | 27.0 | | | 0.27 | 1.4 | | 9.6 | 10.3 | 92 | | 1.09 | 133 | | 0.09 | 9.90 | 0.00 |
| 9.0 | 1154 | 28.0 | | | 0.28 | 1.4 | | 9.6 | 10.3 | 92 | | 1.06 | 129 | | 0.09 | 9.91 | 0.00 |
| 9.0 | 1154 | 29.0 | | | 0.28 | 1.4 | | 9.6 | 10.3 | 92 | | 1.04 | 127 | | 0.10 | 9.95 | 0.00 |
| 9.0 | 1154 | 30.0 | | | 0.28 | 1.4 | | 9.6 | 10.3 | 92 | | 1.07 | 132 | | 0.10 | 9.95 | 0.00 |
| 9.0 | 1154 | 31.0 | | | 0.28 | 1.4 | | 9.6 | 10.3 | 92 | | 1.08 | 133 | | 0.10 | 9.96 | 0.00 |
| 10.0 | 1137 | 1.0 | | | 0.29 | 1.5 | | 9.4 | 10.3 | 91 | | 0.94 | 113 | 8.7 | 0.09 | 10.02 | 0.00 |
| 10.0 | 1137 | 2.0 | | | 0.29 | 1.4 | | 9.4 | 10.3 | 91 | | 0.93 | 111 | | 0.09 | 10.01 | 0.00 |
| 10.0 | 1137 | 3.0 | | | 0.29 | 1.5 | | 9.4 | 10.3 | 91 | | 0.93 | 112 | | 0.09 | 10.01 | 0.00 |
| 10.0 | 1137 | 4.0 | | | 0.29 | 1.5 | | 9.4 | 10.3 | 91 | | 0.96 | 115 | | 0.09 | 10.01 | 0.00 |
| 10.0 | 1137 | 5.0 | | | 0.29 | 1.5 | | 9.4 | 10.3 | 91 | | 0.96 | 115 | | 0.09 | 9.99 | 0.00 |
| 10.0 | 1137 | 6.0 | | | 0.29 | 1.4 | | 9.4 | 10.3 | 91 | | 0.96 | 115 | | 0.09 | 9.97 | 0.00 |
| 10.0 | 1137 | 7.0 | | | 0.29 | 1.4 | | 9.4 | 10.3 | 91 | | 0.98 | 119 | | 0.09 | 9.96 | 0.00 |
| 10.0 | 1137 | 8.0 | | | 0.29 | 1.4 | | 9.4 | 10.3 | 91 | | 0.99 | 120 | | 0.09 | 9.96 | 0.00 |
| 10.0 | 1137 | 9.0 | | | 0.28 | 1.4 | | 9.4 | 10.3 | 91 | | 1.01 | 122 | | 0.09 | 9.97 | 0.00 |
| 10.0 | 1137 | 10.0 | | | 0.28 | 1.4 | | 9.5 | 10.3 | 91 | | 1.00 | 121 | | 0.09 | 9.96 | 0.00 |
| 10.0 | 1137 | 11.0 | | | 0.28 | 1.4 | | 9.5 | 10.3 | 91 | | 1.00 | 121 | | 0.09 | 9.96 | 0.00 |

North San Francisco Bay February 18, 1998 98049

| 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 | 1137 | 12.0 | | | 0.28 | 1.4 | | 9.5 | 10.3 | 91 | | 1.00 | 121 | | 0.09 | 9.97 | 0.00 |
| 10.0 | 1137 | 13.0 | | | 0.28 | 1.4 | | 9.5 | 10.3 | 92 | | 0.99 | 119 | | 0.09 | 9.98 | 0.00 |
| 10.0 | 1137 | 14.0 | | | 0.28 | 1.4 | | 9.5 | 10.3 | 92 | | 0.99 | 120 | | 0.09 | 9.97 | 0.00 |
| 10.0 | 1137 | 15.0 | | | 0.28 | 1.4 | | 9.5 | 10.3 | 91 | | 1.00 | 121 | | 0.09 | 9.97 | 0.00 |
| 10.0 | 1137 | 16.0 | | | 0.28 | 1.4 | | 9.5 | 10.3 | 92 | | 0.99 | 120 | | 0.09 | 9.97 | 0.00 |
| 10.0 | 1137 | 17.0 | | | 0.28 | 1.4 | | 9.5 | 10.3 | 92 | | 0.99 | 119 | | 0.09 | 9.97 | 0.00 |
| 10.0 | 1137 | 18.0 | | | 0.28 | 1.4 | | 9.5 | 10.3 | 92 | | 0.98 | 119 | | 0.09 | 9.97 | 0.00 |
| 11.0 | 1106 | 1.0 | | | 0.30 | 1.5 | | 9.3 | 10.3 | 92 | | 0.91 | 108 | 7.4 | 0.09 | 10.18 | 0.00 |
| 11.0 | 1106 | 2.0 | | | 0.30 | 1.5 | | 9.4 | 10.3 | 92 | | 0.89 | 106 | | 0.09 | 10.17 | 0.00 |
| 11.0 | 1106 | 3.0 | | | 0.30 | 1.5 | | 9.3 | 10.3 | 92 | | 0.91 | 108 | | 0.09 | 10.17 | 0.00 |
| 11.0 | 1106 | 4.0 | | | 0.30 | 1.5 | | 9.4 | 10.3 | 92 | | 0.91 | 109 | | 0.09 | 10.17 | 0.00 |
| 11.0 | 1106 | 5.0 | | | 0.30 | 1.5 | | 9.4 | 10.3 | 92 | | 0.92 | 109 | | 0.10 | 10.16 | 0.00 |
| 11.0 | 1106 | 6.0 | | | 0.30 | 1.5 | | 9.4 | 10.3 | 92 | | 0.91 | 108 | | 0.13 | 10.16 | 0.00 |
| 11.0 | 1106 | 7.0 | | | 0.30 | 1.5 | | 9.4 | 10.3 | 92 | | 0.92 | 110 | | 0.12 | 10.16 | 0.00 |
| 11.0 | 1106 | 8.0 | | | 0.30 | 1.5 | | 9.4 | 10.3 | 92 | | 0.92 | 110 | | 0.12 | 10.16 | 0.00 |
| 11.0 | 1106 | 9.0 | | | 0.30 | 1.5 | | 9.4 | 10.3 | 92 | | 0.93 | 111 | | 0.13 | 10.16 | 0.00 |
| 11.0 | 1106 | 10.0 | | | 0.30 | 1.5 | | 9.4 | 10.3 | 92 | | 0.94 | 113 | | 0.14 | 10.16 | 0.00 |
| 11.0 | 1106 | 11.0 | | | 0.30 | 1.5 | | 9.4 | 10.3 | 92 | | 0.92 | 110 | | 0.17 | 10.16 | 0.00 |
| 11.0 | 1106 | 12.0 | | | 0.30 | 1.5 | | 9.2 | 10.2 | 93 | | 0.93 | 111 | | 2.56 | 10.43 | 1.66 |
| 11.0 | 1106 | 13.0 | | | 0.28 | 1.4 | | 9.2 | 10.2 | 96 | | 0.90 | 107 | | 6.02 | 10.90 | 4.31 |
| 11.0 | 1106 | 14.0 | | | 0.28 | 1.4 | | 9.3 | 10.3 | 96 | | 0.78 | 89 | | 5.45 | 10.82 | 3.88 |
| 11.0 | 1106 | 15.0 | | | 0.27 | 1.4 | | 9.1 | 10.2 | 96 | | 0.73 | 82 | | 5.56 | 10.83 | 3.96 |
| 11.0 | 1106 | 16.0 | | | 0.24 | 1.3 | | 8.8 | 10.2 | 100 | | 0.63 | 69 | | 10.65 | 11.45 | 7.83 |
| 11.0 | 1106 | 17.0 | | | 0.22 | 1.2 | | 8.8 | 10.2 | 102 | | 0.51 | 52 | | 12.80 | 11.76 | 9.44 |
| 11.0 | 1106 | 18.0 | | | 0.23 | 1.2 | | 8.7 | 10.1 | 103 | | 0.53 | 54 | | 14.26 | 12.03 | 10.54 |
| 12.0 | 1040 | 1.0 | | | 0.30 | 1.5 | | 9.4 | 10.3 | 92 | | 0.77 | 89 | 4.9 | 0.10 | 10.27 | 0.00 |
| 12.0 | 1040 | 2.0 | | | 0.30 | 1.5 | | 9.3 | 10.3 | 92 | | 0.76 | 87 | | 0.10 | 10.20 | 0.00 |
| 12.0 | 1040 | 3.0 | | | 0.30 | 1.5 | | 9.3 | 10.3 | 92 | | 0.78 | 90 | | 0.10 | 10.20 | 0.00 |
| 12.0 | 1040 | 4.0 | | | 0.30 | 1.5 | | 9.3 | 10.3 | 92 | | 0.81 | 94 | | 0.11 | 10.20 | 0.00 |
| 12.0 | 1040 | 5.0 | | | 0.29 | 1.5 | | 9.3 | 10.3 | 92 | | 0.83 | 98 | | 0.55 | 10.24 | 0.11 |
| 12.0 | 1040 | 6.0 | | | 0.28 | 1.4 | | 9.1 | 10.2 | 94 | | 0.83 | 97 | | 2.79 | 10.51 | 1.84 |
| 12.0 | 1040 | 7.0 | | | 0.27 | 1.4 | | 9.3 | 10.3 | 95 | | 0.78 | 89 | | 3.68 | 10.63 | 2.52 |
| 12.0 | 1040 | 8.0 | | | 0.27 | 1.4 | | 9.1 | 10.2 | 96 | | 0.70 | 79 | | 5.49 | 10.85 | 3.90 |
| 13.0 | 1008 | 1.0 | | | 0.28 | 1.4 | | 9.3 | 10.3 | 92 | | 0.79 | 91 | 7.6 | 0.09 | 10.24 | 0.00 |
| 13.0 | 1008 | 2.0 | 0.9 | 0.51 | 0.27 | 1.4 | 10.3 | 9.4 | 10.3 | 92 | 91.5 | 0.78 | 89 | | 0.09 | 10.14 | 0.00 |
| 13.0 | 1008 | 3.0 | | | 0.27 | 1.4 | | 9.4 | 10.3 | 92 | | 0.80 | 92 | | 0.09 | 10.15 | 0.00 |
| 13.0 | 1008 | 4.0 | | | 0.27 | 1.4 | | 9.4 | 10.3 | 92 | | 0.82 | 96 | | 0.09 | 10.15 | 0.00 |
| 13.0 | 1008 | 5.0 | | | 0.28 | 1.4 | | 9.5 | 10.3 | 92 | | 0.86 | 101 | | 0.09 | 10.16 | 0.00 |
| 13.0 | 1008 | 6.0 | | | 0.27 | 1.4 | | 9.6 | 10.3 | 93 | | 0.85 | 100 | | 0.42 | 10.23 | 0.01 |
| 13.0 | 1008 | 7.0 | | | 0.25 | 1.3 | | 9.7 | 10.4 | 95 | | 0.85 | 100 | | 2.68 | 10.56 | 1.75 |

North San Francisco Bay February 18, 1998 98049

| 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 | 1008 | 8.0 | | | 0.23 | 1.2 | | 9.6 | 10.3 | 98 | | 0.74 | 84 | | 6.15 | 11.05 | 4.39 |
| 13.0 | 1008 | 9.0 | 0.6 | 0.66 | 0.23 | 1.2 | | 9.0 | 10.2 | 101 | | 0.41 | 38 | | 10.71 | 11.64 | 7.85 |
| 14.0 | 0945 | 1.0 | | | 0.29 | 1.5 | | 9.1 | 10.2 | 92 | | 0.90 | 107 | 6.5 | 0.13 | 10.47 | 0.00 |
| 14.0 | 0945 | 2.0 | | | 0.29 | 1.5 | | 9.2 | 10.3 | 92 | | 0.86 | 101 | | 0.18 | 10.31 | 0.00 |
| 14.0 | 0945 | 3.0 | | | 0.29 | 1.5 | | 9.2 | 10.2 | 92 | | 0.86 | 101 | | 0.25 | 10.36 | 0.00 |
| 14.0 | 0945 | 4.0 | | | 0.29 | 1.5 | | 9.2 | 10.2 | 92 | | 0.85 | 100 | | 0.30 | 10.29 | 0.00 |
| 14.0 | 0945 | 5.0 | | | 0.28 | 1.4 | | 9.4 | 10.3 | 92 | | 0.84 | 98 | | 0.33 | 10.20 | 0.00 |
| 14.0 | 0945 | 6.0 | | | 0.27 | 1.4 | | 9.6 | 10.3 | 93 | | 0.76 | 87 | | 1.12 | 10.35 | 0.55 |
| 14.0 | 0945 | 7.0 | | | 0.25 | 1.3 | | 9.7 | 10.3 | 96 | | 0.64 | 71 | | 3.77 | 10.71 | 2.57 |
| 14.0 | 0945 | 8.0 | | | 0.22 | 1.2 | | 9.3 | 10.3 | 99 | | 0.53 | 55 | | 8.71 | 11.36 | 6.34 |
| 14.0 | 0945 | 9.0 | | | 0.21 | 1.2 | | 9.1 | 10.2 | 101 | | 0.37 | 31 | | 10.87 | 11.61 | 7.98 |
| 14.0 | 0945 | 10.0 | | | 0.20 | 1.1 | | 9.0 | 10.2 | 102 | | 0.24 | 14 | | 12.43 | 11.82 | 9.15 |
| 14.0 | 0945 | 11.0 | | | 0.19 | 1.1 | | 8.9 | 10.2 | 104 | | 0.15 | 1 | | 14.72 | 12.09 | 10.88 |
| 14.0 | 0945 | 12.0 | | | 0.18 | 1.1 | | 8.6 | 10.1 | 106 | | 0.13 | 0 | | 17.20 | 12.41 | 12.74 |
| 14.0 | 0945 | 13.0 | | | 0.19 | 1.1 | | 8.3 | 10.1 | 107 | | 0.34 | 28 | | 18.78 | 12.58 | 13.93 |
| 14.0 | 0945 | 14.0 | | | 0.18 | 1.1 | | 8.3 | 10.1 | 107 | | 0.49 | 48 | | 18.95 | 12.60 | 14.06 |
| 15.0 | 0920 | 1.0 | | | 0.29 | 1.4 | | 9.2 | 10.3 | 91 | | 0.75 | 85 | 6.8 | 0.16 | 10.10 | 0.00 |
| 15.0 | 0920 | 2.0 | 0.9 | 0.55 | 0.28 | 1.4 | 10.2 | 9.3 | 10.3 | 91 | 78.6 | 0.72 | 81 | | 0.18 | 10.00 | 0.00 |
| 15.0 | 0920 | 3.0 | | | 0.28 | 1.4 | | 9.5 | 10.3 | 92 | | 0.73 | 83 | | 0.26 | 10.03 | 0.00 |
| 15.0 | 0920 | 4.0 | | | 0.28 | 1.4 | | 9.4 | 10.3 | 92 | | 0.72 | 82 | | 0.63 | 10.27 | 0.17 |
| 15.0 | 0920 | 5.0 | | | 0.27 | 1.4 | | 9.4 | 10.3 | 93 | | 0.71 | 80 | | 1.11 | 10.37 | 0.54 |
| 15.0 | 0920 | 6.0 | | | 0.26 | 1.4 | | 9.3 | 10.3 | 93 | | 0.67 | 75 | | 1.74 | 10.45 | 1.02 |
| 15.0 | 0920 | 7.0 | | | 0.26 | 1.4 | | 9.3 | 10.3 | 93 | | 0.61 | 65 | | 2.06 | 10.48 | 1.27 |
| 15.0 | 0920 | 8.0 | | | 0.26 | 1.3 | | 9.3 | 10.3 | 94 | | 0.57 | 61 | | 2.21 | 10.50 | 1.39 |
| 15.0 | 0920 | 9.0 | | | 0.25 | 1.3 | | 9.3 | 10.3 | 94 | | 0.56 | 59 | | 2.54 | 10.54 | 1.64 |
| 15.0 | 0920 | 10.0 | | | 0.25 | 1.3 | | 9.3 | 10.3 | 94 | | 0.54 | 55 | | 2.94 | 10.60 | 1.95 |
| 15.0 | 0920 | 11.0 | | | 0.24 | 1.3 | | 9.4 | 10.3 | 95 | | 0.51 | 52 | | 3.88 | 10.73 | 2.66 |
| 15.0 | 0920 | 12.0 | | | 0.23 | 1.2 | | 9.3 | 10.3 | 97 | | 0.45 | 43 | | 5.81 | 11.00 | 4.13 |
| 15.0 | 0920 | 13.0 | | | 0.22 | 1.2 | | 9.7 | 10.4 | 99 | | 0.36 | 30 | | 7.00 | 11.20 | 5.03 |
| 15.0 | 0920 | 14.0 | | | 0.20 | 1.1 | | 9.1 | 10.2 | 104 | | 0.28 | 19 | | 13.69 | 12.02 | 10.10 |
| 15.0 | 0920 | 15.0 | | | 0.20 | 1.1 | | 8.7 | 10.1 | 105 | | 0.30 | 23 | | 16.19 | 12.27 | 11.99 |
| 15.0 | 0920 | 16.0 | | | 0.20 | 1.1 | | 8.6 | 10.1 | 105 | | 0.48 | 47 | | 16.85 | 12.35 | 12.49 |
| 15.0 | 0920 | 17.0 | | | 0.20 | 1.1 | | 8.6 | 10.1 | 106 | | 0.55 | 57 | | 17.22 | 12.39 | 12.77 |
| 15.0 | 0920 | 18.0 | | | 0.20 | 1.1 | | 8.6 | 10.1 | 106 | | 0.56 | 60 | | 17.68 | 12.45 | 13.11 |
| 15.0 | 0920 | 19.0 | | | 0.19 | 1.1 | | 8.6 | 10.1 | 108 | | 0.57 | 61 | | 20.07 | 12.80 | 14.90 |
| 15.0 | 0920 | 20.0 | | | 0.17 | 1.0 | | 8.3 | 10.1 | 110 | | 0.59 | 63 | | 22.82 | 13.08 | 16.96 |
| 15.0 | 0920 | 21.0 | | | 0.16 | 1.0 | | 8.2 | 10.0 | 111 | | 0.56 | 59 | | 23.54 | 13.19 | 17.50 |
| 15.0 | 0920 | 22.0 | 0.8 | 0.52 | 0.16 | 1.0 | | 8.1 | 10.0 | 111 | | 0.42 | 39 | | 24.03 | 13.26 | 17.87 |
| 16.0 | 0840 | 1.0 | | | 0.26 | 1.3 | | 9.5 | 10.3 | 93 | | 0.68 | 76 | 5.3 | 1.35 | 10.44 | 0.72 |
| 16.0 | 0840 | 2.0 | | | 0.25 | 1.3 | | 9.5 | 10.3 | 94 | | 0.60 | 65 | | 2.57 | 10.59 | 1.66 |

North San Francisco Bay February 18, 1998 98049

| 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 | 0840 | 3.0 | | | 0.25 | 1.3 | | 9.4 | 10.3 | 96 | | 0.50 | 51 | | 4.15 | 10.77 | 2.87 |
| 16.0 | 0840 | 4.0 | | | 0.24 | 1.3 | | 9.4 | 10.3 | 96 | | 0.44 | 43 | | 4.87 | 10.88 | 3.42 |
| 16.0 | 0840 | 5.0 | | | 0.23 | 1.3 | | 9.6 | 10.3 | 97 | | 0.43 | 41 | | 5.57 | 10.98 | 3.95 |
| 16.0 | 0840 | 6.0 | | | 0.22 | 1.2 | | 9.4 | 10.3 | 100 | | 0.41 | 37 | | 9.26 | 11.47 | 6.75 |
| 16.0 | 0840 | 7.0 | | | 0.20 | 1.1 | | 9.1 | 10.2 | 103 | | 0.24 | 13 | | 13.08 | 11.90 | 9.64 |
| 16.0 | 0840 | 8.0 | | | 0.18 | 1.1 | | 9.1 | 10.2 | 105 | | 0.18 | 5 | | 15.02 | 12.12 | 11.11 |
| 16.0 | 0840 | 9.0 | | | 0.17 | 1.0 | | 8.9 | 10.2 | 107 | | 0.16 | 2 | | 17.58 | 12.44 | 13.03 |
| 16.0 | 0840 | 10.0 | | | 0.16 | 1.0 | | 8.6 | 10.1 | 109 | | 0.13 | 0 | | 20.22 | 12.76 | 15.01 |
| 16.0 | 0840 | 11.0 | | | 0.15 | 1.0 | | 8.5 | 10.1 | 110 | | 0.12 | 0 | | 21.56 | 12.90 | 16.03 |
| 16.0 | 0840 | 12.0 | | | 0.15 | 0.9 | | 8.5 | 10.1 | 111 | | 0.13 | 0 | | 23.01 | 13.11 | 17.10 |
| 16.0 | 0840 | 13.0 | | | 0.14 | 0.9 | | 8.2 | 10.0 | 112 | | 0.15 | 1 | | 24.90 | 13.33 | 18.52 |
| 16.0 | 0840 | 14.0 | | | 0.14 | 0.9 | | 8.1 | 10.0 | 112 | | 0.17 | 4 | | 25.35 | 13.39 | 18.86 |
| 17.0 | 0816 | 1.0 | | | 0.25 | 1.3 | | 9.5 | 10.3 | 94 | | 0.52 | 54 | 4.8 | 2.67 | 10.57 | 1.74 |
| 17.0 | 0816 | 2.0 | | | 0.25 | 1.3 | | 9.5 | 10.3 | 95 | | 0.51 | 53 | | 2.74 | 10.59 | 1.79 |
| 17.0 | 0816 | 3.0 | | | 0.25 | 1.3 | | 9.5 | 10.3 | 95 | | 0.49 | 50 | | 2.80 | 10.60 | 1.83 |
| 17.0 | 0816 | 4.0 | | | 0.25 | 1.3 | | 9.6 | 10.3 | 95 | | 0.47 | 47 | | 3.02 | 10.65 | 2.00 |
| 17.0 | 0816 | 5.0 | | | 0.25 | 1.3 | | 9.5 | 10.3 | 95 | | 0.43 | 41 | | 3.62 | 10.72 | 2.46 |
| 17.0 | 0816 | 6.0 | | | 0.24 | 1.3 | | 9.6 | 10.3 | 96 | | 0.39 | 35 | | 4.18 | 10.79 | 2.89 |
| 17.0 | 0816 | 7.0 | | | 0.24 | 1.3 | | 9.7 | 10.3 | 97 | | 0.34 | 28 | | 4.97 | 10.91 | 3.49 |
| 17.0 | 0816 | 8.0 | | | 0.23 | 1.2 | | 9.5 | 10.3 | 98 | | 0.22 | 11 | | 6.97 | 11.19 | 5.01 |
| 17.0 | 0816 | 9.0 | | | 0.22 | 1.2 | | 9.4 | 10.3 | 99 | | 0.17 | 4 | | 8.03 | 11.28 | 5.82 |
| 17.0 | 0816 | 10.0 | | | 0.21 | 1.2 | | 9.3 | 10.3 | 99 | | 0.15 | 0 | | 8.80 | 11.36 | 6.40 |
| 17.0 | 0816 | 11.0 | | | 0.21 | 1.2 | | 9.3 | 10.3 | 100 | | 0.13 | 0 | | 9.19 | 11.40 | 6.71 |
| 17.0 | 0816 | 12.0 | | | 0.20 | 1.1 | | 9.5 | 10.3 | 101 | | 0.13 | 0 | | 9.63 | 11.47 | 7.03 |
| 17.0 | 0816 | 13.0 | | | 0.20 | 1.1 | | 9.0 | 10.2 | 104 | | 0.14 | 0 | | 14.47 | 12.18 | 10.67 |
| 18.0 | 0743 | 1.0 | | | 0.25 | 1.3 | | 9.6 | 10.3 | 93 | | 0.63 | 68 | 3.9 | 1.76 | 10.24 | 1.06 |
| 18.0 | 0743 | 2.0 | 0.8 | 0.42 | 0.25 | 1.3 | 10.3 | 10.0 | 10.4 | 94 | 61.2 | 0.61 | 66 | | 2.02 | 10.34 | 1.25 |
| 18.0 | 0743 | 3.0 | | | 0.24 | 1.3 | | 9.7 | 10.4 | 97 | | 0.62 | 67 | | 5.03 | 10.86 | 3.54 |
| 18.0 | 0743 | 4.0 | | | 0.23 | 1.2 | | 9.5 | 10.3 | 98 | | 0.52 | 53 | | 7.28 | 11.15 | 5.25 |
| 18.0 | 0743 | 5.0 | | | 0.22 | 1.2 | | 9.4 | 10.3 | 99 | | 0.32 | 25 | | 8.05 | 11.25 | 5.84 |
| 18.0 | 0743 | 6.0 | | | 0.22 | 1.2 | | 9.3 | 10.3 | 99 | | 0.19 | 6 | | 8.85 | 11.34 | 6.45 |
| 18.0 | 0743 | 7.0 | | | 0.22 | 1.2 | | 9.3 | 10.3 | 100 | | 0.13 | 0 | | 9.65 | 11.45 | 7.05 |
| 18.0 | 0743 | 8.0 | | | 0.22 | 1.2 | | 9.7 | 10.3 | 102 | | 0.12 | 0 | | 11.06 | 11.63 | 8.12 |
| 18.0 | 0743 | 9.0 | | | 0.20 | 1.1 | | 9.1 | 10.2 | 107 | | 0.09 | 0 | | 17.97 | 12.49 | 13.32 |
| 18.0 | 0743 | 10.0 | | | 0.17 | 1.0 | | 8.9 | 10.2 | 109 | | 0.08 | 0 | | 19.97 | 12.72 | 14.83 |
| 18.0 | 0743 | 11.0 | | | 0.16 | 1.0 | | 9.1 | 10.2 | 110 | | 0.08 | 0 | | 20.56 | 12.80 | 15.27 |
| 18.0 | 0743 | 12.0 | | | 0.14 | 0.9 | | 8.6 | 10.1 | 114 | | 0.08 | 0 | | 25.19 | 13.38 | 18.74 |
| 18.0 | 0743 | 13.0 | | | 0.13 | 0.9 | | 8.4 | 10.1 | 114 | | 0.09 | 0 | | 26.58 | 13.55 | 19.78 |
| 18.0 | 0743 | 14.0 | | | 0.13 | 0.9 | | 8.3 | 10.1 | 115 | | 0.10 | 0 | | 26.99 | 13.60 | 20.09 |
| 18.0 | 0743 | 15.0 | | | 0.13 | 0.9 | | 8.3 | 10.0 | 115 | | 0.09 | 0 | | 27.20 | 13.62 | 20.24 |
| 18.0 | 0743 | 16.0 | | | 0.13 | 0.9 | | 8.2 | 10.0 | 115 | | 0.09 | 0 | | 27.41 | 13.65 | 20.40 |

North San Francisco Bay February 18, 1998 98049

| 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 | 0743 | 17.0 | | | 0.13 | 0.9 | | 8.2 | 10.0 | 115 | | 0.10 | 0 | | 27.60 | 13.67 | 20.54 |
| 18.0 | 0743 | 18.0 | | | 0.13 | 0.9 | | 8.1 | 10.0 | 115 | | 0.11 | 0 | | 27.66 | 13.68 | 20.58 |
| 18.0 | 0743 | 19.0 | | | 0.13 | 0.9 | | 8.1 | 10.0 | 115 | | 0.13 | 0 | | 27.68 | 13.68 | 20.60 |
| 18.0 | 0743 | 20.0 | | | 0.13 | 0.9 | | 8.1 | 10.0 | 115 | | 0.14 | 0 | | 27.73 | 13.69 | 20.64 |
| 18.0 | 0743 | 21.0 | | | 0.13 | 0.9 | | 8.1 | 10.0 | 115 | | 0.15 | 1 | | 27.75 | 13.69 | 20.66 |
| 18.0 | 0743 | 22.0 | | | 0.13 | 0.9 | | 8.1 | 10.0 | 115 | | 0.18 | 5 | | 27.83 | 13.70 | 20.71 |
| 18.0 | 0743 | 23.0 | | | 0.13 | 0.9 | | 8.1 | 10.0 | 115 | | 0.21 | 9 | | 27.84 | 13.70 | 20.72 |
| 18.0 | 0743 | 24.0 | | | 0.14 | 0.9 | | 8.1 | 10.0 | 115 | | 0.22 | 10 | | 27.91 | 13.72 | 20.77 |
| 18.0 | 0743 | 25.0 | | | 0.14 | 0.9 | | 8.1 | 10.0 | 115 | | 0.27 | 18 | | 27.99 | 13.72 | 20.83 |
| 18.0 | 0743 | 26.0 | | | 0.15 | 0.9 | | 8.1 | 10.0 | 115 | | 0.34 | 28 | | 28.01 | 13.73 | 20.85 |
| 18.0 | 0743 | 27.0 | | | 0.16 | 1.0 | | 8.1 | 10.0 | 115 | | 0.42 | 39 | | 28.07 | 13.73 | 20.90 |
| 18.0 | 0743 | 28.0 | | | 0.16 | 1.0 | | 8.0 | 10.0 | 115 | | 0.50 | 51 | | 28.09 | 13.73 | 20.91 |

| | n | r^2 | Slope | Inter. | Std. Err. |
|---|---|---|---|---|---|
| Fluorometer Calibration: | 14 | 0.083 | 3.639 | 0.403 | 0.436 |
| OBS Calibration: | 7 | 0.981 | 141.547 | -20.375 | 5.196 |
| Dissolved Oxygen Calibration: | 8 | 0.154 | 0.218 | 8.243 | 0.118 |

SeaBird v4.026

South San Francisco Bay February 19, 1998 98050

| 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 | 1721 | 1.0 | | | 0.35 | 2.7 | | 8.3 | 9.8 | 96 | | 0.23 | 33 | 2.6 | 9.32 | 11.80 | 6.75 |
| 36.0 | 1721 | 2.0 | 2.1 | 0.78 | 0.34 | 2.6 | 9.5 | 8.3 | 9.7 | 95 | 31.6 | 0.23 | 33 | | 9.66 | 11.71 | 7.02 |
| 36.0 | 1721 | 3.0 | | | 0.33 | 2.5 | | 8.3 | 9.7 | 95 | | 0.23 | 33 | | 10.05 | 11.67 | 7.34 |
| 36.0 | 1721 | 4.0 | | | 0.33 | 2.5 | | 8.3 | 9.7 | 95 | | 0.23 | 33 | | 10.15 | 11.67 | 7.41 |
| 36.0 | 1721 | 5.0 | | | 0.34 | 2.6 | | 8.3 | 9.7 | 95 | | 0.25 | 35 | | 10.22 | 11.67 | 7.47 |
| 36.0 | 1721 | 6.0 | | | 0.34 | 2.7 | | 8.2 | 9.6 | 95 | | 0.27 | 39 | | 10.28 | 11.66 | 7.51 |
| 36.0 | 1721 | 7.0 | 1.5 | 0.54 | 0.34 | 2.7 | | 8.3 | 9.6 | 95 | | 0.31 | 45 | | 10.33 | 11.66 | 7.55 |
| 34.0 | 1704 | 1.0 | | | 0.32 | 2.4 | | 8.3 | 9.7 | 95 | | 0.25 | 35 | 3.4 | 9.13 | 11.69 | 6.62 |
| 34.0 | 1704 | 2.0 | | | 0.31 | 2.3 | | 8.2 | 9.6 | 95 | | 0.24 | 34 | | 10.37 | 11.71 | 7.58 |
| 34.0 | 1704 | 3.0 | | | 0.30 | 2.0 | | 8.1 | 9.4 | 94 | | 0.23 | 32 | | 11.33 | 11.76 | 8.31 |
| 34.0 | 1704 | 4.0 | | | 0.29 | 2.0 | | 8.0 | 9.3 | 93 | | 0.22 | 30 | | 11.91 | 11.81 | 8.75 |
| 34.0 | 1704 | 5.0 | | | 0.29 | 1.9 | | 8.0 | 9.3 | 93 | | 0.23 | 32 | | 12.09 | 11.83 | 8.89 |
| 34.0 | 1704 | 6.0 | | | 0.29 | 1.9 | | 8.0 | 9.2 | 92 | | 0.27 | 38 | | 12.30 | 11.85 | 9.05 |
| 34.0 | 1704 | 7.0 | | | 0.29 | 1.9 | | 7.9 | 9.1 | 92 | | 0.30 | 43 | | 12.34 | 11.86 | 9.08 |
| 34.0 | 1704 | 8.0 | | | 0.29 | 1.9 | | 7.9 | 9.1 | 91 | | 0.35 | 51 | | 12.33 | 11.86 | 9.07 |
| 32.0 | 1646 | 1.0 | | | 0.39 | 3.4 | | 8.4 | 9.9 | 97 | | 0.28 | 41 | 3.6 | 9.43 | 11.91 | 6.82 |
| 32.0 | 1646 | 2.0 | 2.8 | 0.74 | 0.38 | 3.2 | 9.9 | 8.4 | 9.8 | 97 | 41.3 | 0.28 | 39 | | 9.63 | 11.83 | 6.99 |
| 32.0 | 1646 | 3.0 | | | 0.37 | 3.0 | | 8.4 | 9.8 | 96 | | 0.26 | 38 | | 9.81 | 11.78 | 7.13 |
| 32.0 | 1646 | 4.0 | | | 0.36 | 2.9 | | 8.3 | 9.8 | 96 | | 0.25 | 36 | | 10.04 | 11.75 | 7.32 |
| 32.0 | 1646 | 5.0 | | | 0.35 | 2.8 | | 8.3 | 9.8 | 96 | | 0.23 | 32 | | 10.59 | 11.70 | 7.74 |
| 32.0 | 1646 | 6.0 | | | 0.34 | 2.6 | | 8.3 | 9.7 | 96 | | 0.21 | 30 | | 11.18 | 11.73 | 8.20 |
| 32.0 | 1646 | 7.0 | | | 0.33 | 2.5 | | 8.3 | 9.7 | 96 | | 0.19 | 26 | | 11.32 | 11.74 | 8.31 |
| 32.0 | 1646 | 8.0 | | | 0.32 | 2.3 | | 8.3 | 9.7 | 97 | | 0.16 | 21 | | 11.50 | 11.77 | 8.44 |
| 32.0 | 1646 | 9.0 | | | 0.30 | 2.1 | | 8.1 | 9.5 | 95 | | 0.14 | 19 | | 12.46 | 11.88 | 9.17 |
| 32.0 | 1646 | 10.0 | | | 0.29 | 2.0 | | 8.1 | 9.3 | 94 | | 0.14 | 18 | | 12.72 | 11.90 | 9.37 |
| 32.0 | 1646 | 11.0 | | | 0.28 | 1.8 | | 8.0 | 9.3 | 93 | | 0.14 | 19 | | 12.93 | 11.93 | 9.52 |
| 32.0 | 1646 | 12.0 | 1.9 | 0.69 | 0.28 | 1.7 | | 7.9 | 9.2 | 93 | | 0.15 | 20 | | 13.55 | 11.98 | 9.99 |
| 30.0 | 1620 | 1.0 | | | 0.67 | 7.4 | | 8.8 | 10.4 | 104 | | 0.05 | 5 | 1.4 | 10.81 | 11.90 | 7.89 |
| 30.0 | 1620 | 2.0 | 8.4 | 0.90 | 0.64 | 7.0 | 10.4 | 8.7 | 10.3 | 102 | 7.3 | 0.05 | 5 | | 10.83 | 11.87 | 7.91 |
| 30.0 | 1620 | 3.0 | | | 0.55 | 5.7 | | 8.6 | 10.2 | 101 | | 0.05 | 5 | | 10.87 | 11.81 | 7.95 |
| 30.0 | 1620 | 4.0 | | | 0.49 | 4.8 | | 8.6 | 10.1 | 101 | | 0.05 | 5 | | 10.89 | 11.79 | 7.97 |
| 30.0 | 1620 | 5.0 | | | 0.44 | 4.1 | | 8.6 | 10.1 | 100 | | 0.06 | 6 | | 10.90 | 11.78 | 7.97 |
| 30.0 | 1620 | 6.0 | | | 0.40 | 3.5 | | 8.6 | 10.1 | 100 | | 0.06 | 6 | | 11.06 | 11.80 | 8.10 |
| 30.0 | 1620 | 7.0 | | | 0.36 | 2.9 | | 8.5 | 10.0 | 100 | | 0.06 | 7 | | 11.48 | 11.87 | 8.41 |
| 30.0 | 1620 | 8.0 | | | 0.32 | 2.4 | | 8.4 | 9.8 | 98 | | 0.06 | 6 | | 11.96 | 11.92 | 8.77 |
| 30.0 | 1620 | 9.0 | | | 0.29 | 2.0 | | 8.3 | 9.7 | 97 | | 0.05 | 5 | | 12.47 | 11.95 | 9.17 |
| 30.0 | 1620 | 10.0 | | | 0.26 | 1.5 | | 8.0 | 9.3 | 94 | | 0.05 | 5 | | 13.72 | 12.04 | 10.12 |
| 30.0 | 1620 | 11.0 | | | 0.24 | 1.1 | | 7.8 | 9.0 | 92 | | 0.06 | 6 | | 14.44 | 12.09 | 10.67 |
| 30.0 | 1620 | 12.0 | | | 0.23 | 1.1 | | 7.8 | 8.9 | 91 | | 0.07 | 8 | | 14.60 | 12.10 | 10.78 |
| 30.0 | 1620 | 13.0 | 1.2 | 0.61 | 0.23 | 1.1 | | 7.7 | 8.9 | 90 | | 0.07 | 8 | | 14.64 | 12.11 | 10.82 |

South San Francisco Bay February 19, 1998 98050

| 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 | 1558 | 1.0 | | | 0.55 | 5.6 | | 8.6 | 10.1 | 100 | | 0.19 | 25 | 2.8 | 10.69 | 11.84 | 7.81 |
| 29.0 | 1558 | 2.0 | | | 0.52 | 5.3 | | 8.6 | 10.1 | 100 | | 0.18 | 25 | | 10.74 | 11.81 | 7.85 |
| 29.0 | 1558 | 3.0 | | | 0.50 | 4.9 | | 8.6 | 10.1 | 100 | | 0.17 | 24 | | 10.80 | 11.80 | 7.90 |
| 29.0 | 1558 | 4.0 | | | 0.50 | 4.9 | | 8.6 | 10.1 | 100 | | 0.16 | 22 | | 10.86 | 11.81 | 7.94 |
| 29.0 | 1558 | 5.0 | | | 0.53 | 5.4 | | 8.6 | 10.2 | 101 | | 0.14 | 19 | | 10.89 | 11.83 | 7.96 |
| 29.0 | 1558 | 6.0 | | | 0.53 | 5.3 | | 8.6 | 10.2 | 101 | | 0.11 | 14 | | 10.90 | 11.84 | 7.96 |
| 29.0 | 1558 | 7.0 | | | 0.46 | 4.5 | | 8.6 | 10.1 | 101 | | 0.09 | 11 | | 11.02 | 11.85 | 8.06 |
| 29.0 | 1558 | 8.0 | | | 0.39 | 3.3 | | 8.5 | 10.0 | 99 | | 0.07 | 8 | | 11.22 | 11.84 | 8.21 |
| 29.0 | 1558 | 9.0 | | | 0.31 | 2.2 | | 8.4 | 9.8 | 98 | | 0.06 | 6 | | 11.68 | 11.84 | 8.57 |
| 29.0 | 1558 | 10.0 | | | 0.26 | 1.5 | | 8.2 | 9.6 | 96 | | 0.05 | 4 | | 12.42 | 11.89 | 9.13 |
| 29.0 | 1558 | 11.0 | | | 0.23 | 1.1 | | 8.1 | 9.4 | 94 | | 0.04 | 4 | | 12.89 | 11.92 | 9.49 |
| 29.0 | 1558 | 12.0 | | | 0.22 | 0.8 | | 7.9 | 9.2 | 93 | | 0.04 | 4 | | 13.54 | 11.99 | 9.98 |
| 29.0 | 1558 | 13.0 | | | 0.21 | 0.8 | | 7.8 | 9.0 | 91 | | 0.05 | 4 | | 14.08 | 12.04 | 10.39 |
| 29.0 | 1558 | 14.0 | | | 0.21 | 0.8 | | 7.7 | 8.8 | 90 | | 0.05 | 5 | | 14.52 | 12.09 | 10.73 |
| 29.0 | 1558 | 15.0 | | | 0.21 | 0.8 | | 7.7 | 8.8 | 90 | | 0.05 | 5 | | 14.75 | 12.12 | 10.90 |
| 27.0 | 1533 | 1.0 | | | 0.35 | 2.8 | | 8.5 | 10.1 | 99 | | 0.07 | 8 | 1.4 | 9.75 | 11.62 | 7.11 |
| 27.0 | 1533 | 2.0 | 2.2 | 0.89 | 0.35 | 2.8 | 10.1 | 8.5 | 10.0 | 99 | 5.7 | 0.07 | 8 | | 10.25 | 11.66 | 7.49 |
| 27.0 | 1533 | 3.0 | | | 0.37 | 3.1 | | 8.5 | 10.1 | 99 | | 0.06 | 7 | | 10.32 | 11.66 | 7.54 |
| 27.0 | 1533 | 4.0 | | | 0.39 | 3.3 | | 8.5 | 10.1 | 99 | | 0.05 | 5 | | 10.34 | 11.68 | 7.55 |
| 27.0 | 1533 | 5.0 | | | 0.40 | 3.5 | | 8.5 | 10.1 | 100 | | 0.05 | 5 | | 10.40 | 11.70 | 7.60 |
| 27.0 | 1533 | 6.0 | | | 0.40 | 3.6 | | 8.5 | 10.1 | 99 | | 0.05 | 5 | | 10.56 | 11.71 | 7.72 |
| 27.0 | 1533 | 7.0 | | | 0.39 | 3.4 | | 8.5 | 10.1 | 99 | | 0.05 | 5 | | 10.62 | 11.71 | 7.77 |
| 27.0 | 1533 | 8.0 | | | 0.37 | 3.1 | | 8.5 | 10.0 | 99 | | 0.04 | 4 | | 10.65 | 11.71 | 7.79 |
| 27.0 | 1533 | 9.0 | | | 0.33 | 2.5 | | 8.5 | 10.0 | 99 | | 0.04 | 3 | | 10.72 | 11.71 | 7.84 |
| 27.0 | 1533 | 10.0 | | | 0.28 | 1.8 | | 8.5 | 10.0 | 99 | | 0.04 | 3 | | 11.06 | 11.75 | 8.10 |
| 27.0 | 1533 | 11.0 | | | 0.25 | 1.3 | | 8.3 | 9.7 | 97 | | 0.03 | 2 | | 12.32 | 11.88 | 9.06 |
| 27.0 | 1533 | 12.0 | 1.2 | 0.87 | 0.25 | 1.4 | | 8.0 | 9.3 | 95 | | 0.04 | 3 | | 14.29 | 12.10 | 10.55 |
| 25.0 | 1505 | 1.0 | | | 0.31 | 2.2 | | 8.6 | 10.2 | 99 | | 0.06 | 7 | 1.1 | 8.48 | 11.50 | 6.14 |
| 25.0 | 1505 | 2.0 | | | 0.31 | 2.2 | | 8.6 | 10.2 | 99 | | 0.06 | 6 | | 8.48 | 11.50 | 6.14 |
| 25.0 | 1505 | 3.0 | | | 0.30 | 2.0 | | 8.7 | 10.3 | 100 | | 0.06 | 6 | | 8.48 | 11.50 | 6.14 |
| 25.0 | 1505 | 4.0 | | | 0.28 | 1.7 | | 8.6 | 10.3 | 100 | | 0.06 | 6 | | 8.85 | 11.52 | 6.42 |
| 25.0 | 1505 | 5.0 | | | 0.25 | 1.4 | | 8.8 | 10.5 | 103 | | 0.05 | 5 | | 9.37 | 11.57 | 6.82 |
| 25.0 | 1505 | 6.0 | | | 0.23 | 1.0 | | 8.6 | 10.1 | 103 | | 0.05 | 5 | | 13.56 | 12.05 | 9.99 |
| 25.0 | 1505 | 7.0 | | | 0.20 | 0.6 | | 8.1 | 9.4 | 100 | | 0.07 | 7 | | 18.47 | 12.59 | 13.70 |
| 25.0 | 1505 | 8.0 | | | 0.20 | 0.5 | | 7.6 | 8.7 | 95 | | 0.13 | 17 | | 21.92 | 12.92 | 16.30 |
| 24.0 | 1449 | 1.0 | | | 0.29 | 2.0 | | 8.7 | 10.4 | 100 | | 0.24 | 34 | 2.8 | 7.80 | 11.30 | 5.64 |
| 24.0 | 1449 | 2.0 | 1.4 | 0.65 | 0.29 | 1.9 | 10.3 | 8.8 | 10.4 | 101 | 29.8 | 0.22 | 31 | | 8.02 | 11.35 | 5.81 |
| 24.0 | 1449 | 3.0 | | | 0.28 | 1.8 | | 8.7 | 10.4 | 101 | | 0.14 | 19 | | 8.70 | 11.48 | 6.32 |
| 24.0 | 1449 | 4.0 | | | 0.28 | 1.7 | | 8.8 | 10.4 | 102 | | 0.10 | 12 | | 9.15 | 11.56 | 6.66 |
| 24.0 | 1449 | 5.0 | | | 0.27 | 1.6 | | 8.7 | 10.4 | 102 | | 0.08 | 9 | | 10.49 | 11.72 | 7.66 |

South San Francisco Bay | February 19, 1998 | 98050

| 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 | 1449 | 6.0 | | | 0.25 | 1.3 | | 8.6 | 10.1 | 102 | | 0.06 | 6 | | 12.89 | 11.96 | 9.49 |
| 24.0 | 1449 | 7.0 | | | 0.21 | 0.8 | | 8.5 | 10.1 | 104 | | 0.06 | 6 | | 15.77 | 12.28 | 11.66 |
| 24.0 | 1449 | 8.0 | | | 0.17 | 0.2 | | 8.1 | 9.4 | 101 | | 0.05 | 5 | | 20.92 | 12.85 | 15.54 |
| 24.0 | 1449 | 9.0 | | | 0.15 | 0.0 | | 7.8 | 9.0 | 99 | | 0.05 | 5 | | 23.57 | 13.18 | 17.53 |
| 24.0 | 1449 | 10.0 | | | 0.14 | 0.0 | | 7.7 | 8.7 | 98 | | 0.05 | 5 | | 24.79 | 13.31 | 18.44 |
| 24.0 | 1449 | 11.0 | 0.8 | 0.85 | 0.14 | 0.0 | | 7.6 | 8.6 | 97 | | 0.06 | 7 | | 25.42 | 13.36 | 18.92 |
| 22.0 | 1418 | 1.0 | | | 0.35 | 2.8 | | 8.5 | 10.1 | 98 | | 0.08 | 10 | 1.5 | 9.03 | 11.48 | 6.57 |
| 22.0 | 1418 | 2.0 | | | 0.35 | 2.8 | | 8.6 | 10.2 | 99 | | 0.08 | 9 | | 8.84 | 11.48 | 6.43 |
| 22.0 | 1418 | 3.0 | | | 0.36 | 3.0 | | 8.7 | 10.3 | 100 | | 0.08 | 9 | | 9.17 | 11.52 | 6.67 |
| 22.0 | 1418 | 4.0 | | | 0.37 | 3.1 | | 8.6 | 10.2 | 100 | | 0.07 | 8 | | 10.06 | 11.69 | 7.33 |
| 22.0 | 1418 | 5.0 | | | 0.40 | 3.5 | | 8.6 | 10.1 | 100 | | 0.06 | 6 | | 10.39 | 11.74 | 7.58 |
| 22.0 | 1418 | 6.0 | | | 0.41 | 3.7 | | 8.6 | 10.1 | 100 | | 0.05 | 5 | | 10.68 | 11.78 | 7.81 |
| 22.0 | 1418 | 7.0 | | | 0.41 | 3.7 | | 8.5 | 10.1 | 100 | | 0.06 | 6 | | 10.97 | 11.80 | 8.02 |
| 22.0 | 1418 | 8.0 | | | 0.40 | 3.5 | | 8.5 | 10.1 | 100 | | 0.06 | 7 | | 11.09 | 11.81 | 8.12 |
| 22.0 | 1418 | 9.0 | | | 0.37 | 3.1 | | 8.4 | 9.9 | 99 | | 0.08 | 9 | | 11.97 | 11.89 | 8.78 |
| 22.0 | 1418 | 10.0 | | | 0.35 | 2.8 | | 8.4 | 9.8 | 99 | | 0.09 | 11 | | 12.62 | 11.94 | 9.28 |
| 22.0 | 1418 | 11.0 | | | 0.31 | 2.2 | | 8.6 | 10.2 | 103 | | 0.09 | 11 | | 12.85 | 11.95 | 9.46 |
| 22.0 | 1418 | 12.0 | | | 0.24 | 1.1 | | 8.2 | 9.6 | 100 | | 0.08 | 10 | | 17.57 | 12.48 | 13.02 |
| 22.0 | 1418 | 13.0 | | | 0.19 | 0.4 | | 7.9 | 9.1 | 98 | | 0.07 | 8 | | 20.39 | 12.76 | 15.14 |
| 22.0 | 1418 | 14.0 | | | 0.17 | 0.1 | | 7.9 | 9.1 | 98 | | 0.06 | 6 | | 20.99 | 12.85 | 15.59 |
| 22.0 | 1418 | 15.0 | | | 0.15 | 0.0 | | 8.0 | 9.2 | 101 | | 0.06 | 6 | | 22.63 | 13.07 | 16.82 |
| 22.0 | 1418 | 16.0 | | | 0.14 | 0.0 | | 7.7 | 8.8 | 99 | | 0.07 | 8 | | 25.72 | 13.47 | 19.13 |
| 22.0 | 1418 | 17.0 | | | 0.14 | 0.0 | | 7.5 | 8.5 | 97 | | 0.08 | 10 | | 27.18 | 13.64 | 20.23 |
| 22.0 | 1418 | 18.0 | | | 0.13 | 0.0 | | 7.4 | 8.3 | 95 | | 0.12 | 15 | | 27.73 | 13.72 | 20.63 |
| 22.0 | 1418 | 19.0 | | | 0.13 | 0.0 | | 7.4 | 8.3 | 95 | | 0.13 | 17 | | 27.83 | 13.72 | 20.71 |
| 21.0 | 1403 | 1.0 | | | 0.31 | 2.2 | | 8.5 | 10.1 | 98 | | 0.08 | 9 | 1.3 | 8.69 | 11.41 | 6.31 |
| 21.0 | 1403 | 2.0 | 1.8 | 0.93 | 0.31 | 2.2 | 10.2 | 8.6 | 10.1 | 98 | 8.5 | 0.08 | 9 | | 8.86 | 11.44 | 6.44 |
| 21.0 | 1403 | 3.0 | | | 0.31 | 2.1 | | 8.6 | 10.1 | 98 | | 0.08 | 9 | | 9.23 | 11.50 | 6.72 |
| 21.0 | 1403 | 4.0 | | | 0.31 | 2.2 | | 8.5 | 10.1 | 98 | | 0.08 | 9 | | 9.53 | 11.53 | 6.95 |
| 21.0 | 1403 | 5.0 | | | 0.31 | 2.2 | | 8.5 | 10.1 | 99 | | 0.07 | 7 | | 9.75 | 11.55 | 7.12 |
| 21.0 | 1403 | 6.0 | | | 0.32 | 2.4 | | 8.5 | 10.0 | 98 | | 0.07 | 7 | | 10.11 | 11.60 | 7.39 |
| 21.0 | 1403 | 7.0 | | | 0.33 | 2.5 | | 8.5 | 10.0 | 98 | | 0.07 | 7 | | 10.17 | 11.61 | 7.43 |
| 21.0 | 1403 | 8.0 | | | 0.33 | 2.6 | | 8.5 | 10.0 | 99 | | 0.07 | 7 | | 10.17 | 11.62 | 7.43 |
| 21.0 | 1403 | 9.0 | | | 0.34 | 2.7 | | 8.5 | 10.0 | 99 | | 0.07 | 8 | | 10.30 | 11.66 | 7.53 |
| 21.0 | 1403 | 10.0 | | | 0.35 | 2.8 | | 8.5 | 10.0 | 98 | | 0.08 | 10 | | 10.43 | 11.66 | 7.63 |
| 21.0 | 1403 | 11.0 | | | 0.35 | 2.7 | | 8.5 | 10.0 | 99 | | 0.09 | 11 | | 10.46 | 11.66 | 7.65 |
| 21.0 | 1403 | 12.0 | | | 0.33 | 2.5 | | 8.7 | 10.3 | 101 | | 0.09 | 12 | | 10.70 | 11.69 | 7.83 |
| 21.0 | 1403 | 13.0 | | | 0.28 | 1.7 | | 8.8 | 10.4 | 105 | | 0.11 | 13 | | 13.17 | 12.00 | 9.69 |
| 21.0 | 1403 | 14.0 | | | 0.21 | 0.8 | | 8.3 | 9.8 | 104 | | 0.13 | 17 | | 19.10 | 12.68 | 14.17 |
| 21.0 | 1403 | 15.0 | | | 0.17 | 0.2 | | 7.8 | 9.0 | 100 | | 0.16 | 22 | | 24.05 | 13.28 | 17.88 |
| 21.0 | 1403 | 16.0 | | | 0.14 | 0.0 | | 7.8 | 8.9 | 100 | | 0.16 | 22 | | 25.22 | 13.41 | 18.76 |

South San Francisco Bay February 19, 1998 98050

| 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 | 1403 | 17.0 | | | 0.13 | 0.0 | | 7.5 | 8.5 | 97 | | 0.14 | 18 | | 26.99 | 13.63 | 20.08 |
| 21.0 | 1403 | 18.0 | 0.7 | 0.61 | 0.13 | 0.0 | | 7.3 | 8.2 | 94 | | 0.12 | 16 | | 28.32 | 13.77 | 21.07 |
| 20.0 | 1339 | 1.0 | | | 0.23 | 1.1 | | 8.7 | 10.3 | 96 | | 0.31 | 44 | 2.9 | 4.55 | 10.97 | 3.16 |
| 20.0 | 1339 | 2.0 | | | 0.23 | 1.1 | | 8.7 | 10.3 | 96 | | 0.29 | 42 | | 5.33 | 11.00 | 3.76 |
| 20.0 | 1339 | 3.0 | | | 0.23 | 1.1 | | 8.6 | 10.2 | 96 | | 0.28 | 41 | | 5.45 | 11.01 | 3.85 |
| 20.0 | 1339 | 4.0 | | | 0.24 | 1.1 | | 8.7 | 10.4 | 98 | | 0.28 | 40 | | 5.62 | 11.03 | 3.98 |
| 20.0 | 1339 | 5.0 | | | 0.24 | 1.2 | | 8.6 | 10.2 | 98 | | 0.25 | 36 | | 7.03 | 11.17 | 5.06 |
| 20.0 | 1339 | 6.0 | | | 0.24 | 1.2 | | 8.6 | 10.2 | 98 | | 0.22 | 30 | | 7.70 | 11.24 | 5.57 |
| 20.0 | 1339 | 7.0 | | | 0.24 | 1.2 | | 8.5 | 10.1 | 97 | | 0.18 | 25 | | 8.29 | 11.31 | 6.02 |
| 20.0 | 1339 | 8.0 | | | 0.24 | 1.2 | | 8.5 | 10.1 | 98 | | 0.18 | 24 | | 8.56 | 11.34 | 6.22 |
| 20.0 | 1339 | 9.0 | | | 0.24 | 1.2 | | 8.5 | 10.0 | 97 | | 0.17 | 23 | | 8.93 | 11.39 | 6.51 |
| 20.0 | 1339 | 10.0 | | | 0.24 | 1.3 | | 8.5 | 10.0 | 98 | | 0.15 | 21 | | 9.54 | 11.45 | 6.96 |
| 20.0 | 1339 | 11.0 | | | 0.24 | 1.2 | | 8.5 | 10.0 | 98 | | 0.13 | 16 | | 10.23 | 11.53 | 7.49 |
| 20.0 | 1339 | 12.0 | | | 0.24 | 1.2 | | 8.4 | 9.9 | 98 | | 0.11 | 13 | | 11.27 | 11.67 | 8.28 |
| 20.0 | 1339 | 13.0 | | | 0.24 | 1.2 | | 8.4 | 9.8 | 97 | | 0.11 | 14 | | 11.73 | 11.73 | 8.62 |
| 20.0 | 1339 | 14.0 | | | 0.24 | 1.2 | | 8.4 | 9.8 | 98 | | 0.12 | 15 | | 11.86 | 11.74 | 8.72 |
| 20.0 | 1339 | 15.0 | | | 0.21 | 0.7 | | 9.0 | 10.7 | 109 | | 0.13 | 16 | | 13.46 | 12.02 | 9.91 |
| 20.0 | 1339 | 16.0 | | | 0.16 | 0.0 | | 8.1 | 9.4 | 104 | | 0.09 | 11 | | 23.55 | 13.24 | 17.50 |
| 20.0 | 1339 | 17.0 | | | 0.13 | 0.0 | | 7.7 | 8.7 | 100 | | 0.08 | 9 | | 27.19 | 13.67 | 20.23 |
| 20.0 | 1339 | 18.0 | | | 0.12 | 0.0 | | 7.5 | 8.6 | 98 | | 0.08 | 9 | | 27.80 | 13.74 | 20.68 |
| 20.0 | 1339 | 19.0 | | | 0.11 | 0.0 | | 7.5 | 8.4 | 97 | | 0.07 | 8 | | 28.09 | 13.79 | 20.90 |
| 20.0 | 1339 | 20.0 | | | 0.11 | 0.0 | | 7.4 | 8.3 | 96 | | 0.06 | 6 | | 28.28 | 13.82 | 21.04 |
| 20.0 | 1339 | 21.0 | | | 0.11 | 0.0 | | 7.3 | 8.2 | 95 | | 0.05 | 5 | | 28.49 | 13.85 | 21.19 |
| 20.0 | 1339 | 22.0 | | | 0.11 | 0.0 | | 7.3 | 8.2 | 95 | | 0.05 | 5 | | 28.62 | 13.87 | 21.29 |
| 20.0 | 1339 | 23.0 | | | 0.11 | 0.0 | | 7.3 | 8.1 | 94 | | 0.05 | 5 | | 28.77 | 13.88 | 21.40 |

| | n | r^2 | Slope | Inter. | Std. Err. |
|---|---|---|---|---|---|
| Fluorometer Calibration: | 12 | 0.847 | 14.550 | -2.305 | 0.846 |
| OBS Calibration: | 6 | 0.986 | 153.378 | -2.997 | 2.067 |
| Dissolved Oxygen Calibration: | 6 | 0.822 | 1.541 | -3.071 | 0.144 |

Northbay station-20 was sampled the same day as Southbay stations.
SeaBird v4.026

South San Francisco Bay February 26, 1998 98057

| 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 | 1333 | 1.0 | | | 0.49 | 1.0 | | 7.9 | 9.9 | 97 | | 0.26 | 29 | 3.2 | 6.53 | 12.80 | 4.46 |
| 36.0 | 1333 | 2.0 | 1.2 | 0.47 | 0.47 | 1.0 | 9.9 | 7.8 | 9.8 | 96 | 34.1 | 0.26 | 28 | | 7.60 | 12.15 | 5.37 |
| 36.0 | 1333 | 3.0 | | | 0.45 | 1.0 | | 7.9 | 9.8 | 97 | | 0.26 | 28 | | 8.15 | 12.06 | 5.82 |
| 36.0 | 1333 | 4.0 | | | 0.45 | 1.0 | | 7.9 | 9.9 | 97 | | 0.28 | 30 | | 8.19 | 12.06 | 5.84 |
| 36.0 | 1333 | 5.0 | | | 0.47 | 1.0 | | 7.9 | 9.9 | 97 | | 0.30 | 31 | | 8.23 | 12.03 | 5.88 |
| 36.0 | 1333 | 6.0 | | | 0.47 | 1.0 | | 8.0 | 9.9 | 97 | | 0.32 | 32 | | 8.28 | 12.00 | 5.92 |
| 36.0 | 1333 | 7.0 | | | 0.47 | 1.0 | | 8.0 | 10.0 | 98 | | 0.35 | 34 | | 8.31 | 11.99 | 5.95 |
| 36.0 | 1333 | 8.0 | | | 0.48 | 1.0 | | 8.0 | 10.0 | 98 | | 0.36 | 34 | | 8.35 | 11.97 | 5.98 |
| 36.0 | 1333 | 9.0 | 0.7 | 0.41 | 0.49 | 1.0 | | 8.0 | 10.0 | 98 | | 0.38 | 35 | | 8.35 | 11.98 | 5.98 |
| 35.0 | 1324 | 1.0 | | | 0.49 | 1.0 | | 8.0 | 10.0 | 98 | | 0.23 | 27 | 2.6 | 8.30 | 12.22 | 5.91 |
| 35.0 | 1324 | 2.0 | | | 0.48 | 1.0 | | 8.1 | 10.0 | 99 | | 0.23 | 27 | | 8.56 | 12.11 | 6.12 |
| 35.0 | 1324 | 3.0 | | | 0.47 | 1.0 | | 8.1 | 10.0 | 99 | | 0.23 | 27 | | 8.67 | 12.02 | 6.22 |
| 35.0 | 1324 | 4.0 | | | 0.46 | 1.0 | | 8.1 | 10.1 | 99 | | 0.24 | 27 | | 8.75 | 11.97 | 6.29 |
| 35.0 | 1324 | 5.0 | | | 0.46 | 1.0 | | 8.1 | 10.1 | 99 | | 0.25 | 28 | | 8.83 | 11.95 | 6.35 |
| 35.0 | 1324 | 6.0 | | | 0.47 | 1.0 | | 8.1 | 10.1 | 99 | | 0.27 | 29 | | 8.84 | 11.95 | 6.36 |
| 35.0 | 1324 | 7.0 | | | 0.48 | 1.0 | | 8.1 | 10.1 | 99 | | 0.28 | 30 | | 8.85 | 11.94 | 6.36 |
| 35.0 | 1324 | 8.0 | | | 0.47 | 1.0 | | 8.1 | 10.1 | 99 | | 0.30 | 31 | | 8.86 | 11.94 | 6.38 |
| 35.0 | 1324 | 9.0 | | | 0.46 | 1.0 | | 8.1 | 10.1 | 99 | | 0.31 | 31 | | 8.89 | 11.95 | 6.40 |
| 34.0 | 1311 | 1.0 | | | 0.54 | 1.0 | | 8.2 | 10.2 | 100 | | 0.26 | 28 | 2.8 | 8.87 | 12.22 | 6.34 |
| 34.0 | 1311 | 2.0 | | | 0.54 | 1.0 | | 8.2 | 10.1 | 100 | | 0.26 | 28 | | 8.82 | 12.24 | 6.30 |
| 34.0 | 1311 | 3.0 | | | 0.51 | 1.0 | | 8.1 | 10.0 | 99 | | 0.26 | 28 | | 8.99 | 12.10 | 6.45 |
| 34.0 | 1311 | 4.0 | | | 0.48 | 1.0 | | 8.1 | 10.0 | 99 | | 0.26 | 29 | | 9.27 | 11.97 | 6.69 |
| 34.0 | 1311 | 5.0 | | | 0.48 | 1.0 | | 8.1 | 10.0 | 99 | | 0.31 | 31 | | 9.34 | 11.96 | 6.74 |
| 34.0 | 1311 | 6.0 | | | 0.48 | 1.0 | | 8.1 | 10.0 | 99 | | 0.36 | 34 | | 9.38 | 11.96 | 6.78 |
| 34.0 | 1311 | 7.0 | | | 0.48 | 1.0 | | 8.1 | 10.0 | 99 | | 0.41 | 37 | | 9.43 | 11.96 | 6.81 |
| 34.0 | 1311 | 8.0 | | | 0.48 | 1.0 | | 8.1 | 10.0 | 99 | | 0.40 | 36 | | 9.48 | 11.96 | 6.85 |
| 34.0 | 1311 | 9.0 | | | 0.48 | 1.0 | | 8.1 | 10.0 | 99 | | 0.39 | 36 | | 9.50 | 11.96 | 6.87 |
| 34.0 | 1311 | 10.0 | | | 0.48 | 1.0 | | 8.1 | 10.0 | 99 | | 0.39 | 36 | | 9.55 | 11.97 | 6.90 |
| 33.0 | 1255 | 1.0 | | | 0.54 | 1.0 | | 7.9 | 9.9 | 97 | | 0.26 | 28 | 2.7 | 8.61 | 12.13 | 6.16 |
| 33.0 | 1255 | 2.0 | | | 0.50 | 1.0 | | 8.1 | 10.0 | 99 | | 0.24 | 27 | | 9.02 | 12.05 | 6.48 |
| 33.0 | 1255 | 3.0 | | | 0.49 | 1.0 | | 8.1 | 10.0 | 99 | | 0.23 | 27 | | 9.43 | 12.00 | 6.81 |
| 33.0 | 1255 | 4.0 | | | 0.50 | 1.0 | | 8.1 | 10.1 | 99 | | 0.22 | 26 | | 9.55 | 12.02 | 6.90 |
| 33.0 | 1255 | 5.0 | | | 0.50 | 1.0 | | 8.1 | 10.1 | 100 | | 0.22 | 27 | | 9.68 | 12.03 | 6.99 |
| 33.0 | 1255 | 6.0 | | | 0.50 | 1.0 | | 8.1 | 10.1 | 100 | | 0.22 | 27 | | 9.85 | 12.03 | 7.13 |
| 33.0 | 1255 | 7.0 | | | 0.50 | 1.0 | | 8.1 | 10.1 | 100 | | 0.22 | 26 | | 9.97 | 12.02 | 7.22 |
| 33.0 | 1255 | 8.0 | | | 0.49 | 1.0 | | 8.1 | 10.1 | 100 | | 0.20 | 25 | | 10.02 | 11.99 | 7.27 |
| 33.0 | 1255 | 9.0 | | | 0.48 | 1.0 | | 8.1 | 10.1 | 100 | | 0.20 | 25 | | 10.04 | 11.97 | 7.28 |
| 33.0 | 1255 | 10.0 | | | 0.48 | 1.0 | | 8.1 | 10.1 | 100 | | 0.21 | 26 | | 10.04 | 11.97 | 7.28 |
| 33.0 | 1255 | 11.0 | | | 0.48 | 1.0 | | 8.1 | 10.1 | 100 | | 0.22 | 26 | | 10.05 | 11.97 | 7.29 |
| 33.0 | 1255 | 12.0 | | | 0.47 | 1.0 | | 8.1 | 10.1 | 100 | | 0.22 | 27 | | 10.06 | 11.97 | 7.30 |

South San Francisco Bay February 26, 1998 98057

| 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 | 1255 | 13.0 | | | 0.48 | 1.0 | | 8.1 | 10.1 | 100 | | 0.24 | 27 | | 10.06 | 11.96 | 7.30 |
| 33.0 | 1255 | 14.0 | | | 0.48 | 1.0 | | 8.1 | 10.1 | 100 | | 0.27 | 29 | | 10.06 | 11.96 | 7.30 |
| 32.0 | 1245 | 1.0 | | | 1.63 | 1.4 | | 8.3 | 10.2 | 102 | | 0.19 | 24 | 3.1 | 8.52 | 12.88 | 5.98 |
| 32.0 | 1245 | 2.0 | 1.4 | 0.35 | 1.26 | 1.3 | 10.3 | 8.3 | 10.2 | 102 | 24.8 | 0.18 | 24 | | 9.41 | 12.26 | 6.76 |
| 32.0 | 1245 | 3.0 | | | 0.86 | 1.1 | | 8.3 | 10.2 | 101 | | 0.17 | 24 | | 9.86 | 12.16 | 7.12 |
| 32.0 | 1245 | 4.0 | | | 0.70 | 1.1 | | 8.3 | 10.2 | 101 | | 0.17 | 23 | | 9.97 | 12.14 | 7.20 |
| 32.0 | 1245 | 5.0 | | | 0.61 | 1.0 | | 8.2 | 10.2 | 101 | | 0.16 | 23 | | 10.03 | 12.09 | 7.26 |
| 32.0 | 1245 | 6.0 | | | 0.55 | 1.0 | | 8.2 | 10.2 | 101 | | 0.17 | 23 | | 10.16 | 11.97 | 7.38 |
| 32.0 | 1245 | 7.0 | | | 0.53 | 1.0 | | 8.2 | 10.2 | 101 | | 0.20 | 25 | | 10.22 | 11.93 | 7.43 |
| 32.0 | 1245 | 8.0 | | | 0.53 | 1.0 | | 8.2 | 10.2 | 101 | | 0.22 | 26 | | 10.22 | 11.94 | 7.43 |
| 32.0 | 1245 | 9.0 | | | 0.53 | 1.0 | | 8.2 | 10.2 | 101 | | 0.24 | 28 | | 10.22 | 11.94 | 7.43 |
| 32.0 | 1245 | 10.0 | | | 0.54 | 1.0 | | 8.2 | 10.2 | 101 | | 0.28 | 29 | | 10.22 | 11.94 | 7.43 |
| 32.0 | 1245 | 11.0 | 1.2 | 0.88 | 0.54 | 1.0 | | 8.2 | 10.2 | 101 | | 0.29 | 30 | | 10.22 | 11.94 | 7.43 |
| 31.0 | 1233 | 1.0 | | | 0.71 | 1.1 | | 8.1 | 10.1 | 100 | | 0.14 | 21 | 2.1 | 9.70 | 12.28 | 6.99 |
| 31.0 | 1233 | 2.0 | | | 0.62 | 1.0 | | 8.2 | 10.1 | 101 | | 0.14 | 21 | | 9.97 | 12.04 | 7.22 |
| 31.0 | 1233 | 3.0 | | | 0.56 | 1.0 | | 8.2 | 10.1 | 100 | | 0.15 | 22 | | 10.16 | 12.02 | 7.37 |
| 31.0 | 1233 | 4.0 | | | 0.52 | 1.0 | | 8.1 | 10.1 | 100 | | 0.16 | 23 | | 10.21 | 11.97 | 7.42 |
| 31.0 | 1233 | 5.0 | | | 0.49 | 1.0 | | 8.1 | 10.1 | 100 | | 0.16 | 23 | | 10.27 | 11.90 | 7.47 |
| 31.0 | 1233 | 6.0 | | | 0.48 | 1.0 | | 8.1 | 10.1 | 99 | | 0.16 | 23 | | 10.29 | 11.87 | 7.49 |
| 31.0 | 1233 | 7.0 | | | 0.48 | 1.0 | | 8.1 | 10.1 | 99 | | 0.16 | 23 | | 10.31 | 11.84 | 7.51 |
| 31.0 | 1233 | 8.0 | | | 0.48 | 1.0 | | 8.1 | 10.1 | 100 | | 0.17 | 23 | | 10.33 | 11.83 | 7.53 |
| 31.0 | 1233 | 9.0 | | | 0.48 | 1.0 | | 8.1 | 10.1 | 100 | | 0.18 | 24 | | 10.34 | 11.84 | 7.53 |
| 31.0 | 1233 | 10.0 | | | 0.48 | 1.0 | | 8.1 | 10.1 | 100 | | 0.19 | 24 | | 10.34 | 11.84 | 7.53 |
| 31.0 | 1233 | 11.0 | | | 0.48 | 1.0 | | 8.1 | 10.1 | 100 | | 0.21 | 25 | | 10.35 | 11.84 | 7.54 |
| 31.0 | 1233 | 12.0 | | | 0.48 | 1.0 | | 8.2 | 10.1 | 100 | | 0.22 | 27 | | 10.35 | 11.85 | 7.54 |
| 31.0 | 1233 | 13.0 | | | 0.49 | 1.0 | | 8.2 | 10.1 | 100 | | 0.24 | 27 | | 10.35 | 11.85 | 7.54 |
| 31.0 | 1233 | 14.0 | | | 0.49 | 1.0 | | 8.2 | 10.1 | 100 | | 0.25 | 28 | | 10.35 | 11.85 | 7.54 |
| 30.0 | 1215 | 1.0 | | | 0.63 | 1.0 | | 8.1 | 10.1 | 100 | | 0.11 | 20 | 1.8 | 10.41 | 11.91 | 7.58 |
| 30.0 | 1215 | 2.0 | 0.8 | 0.44 | 0.53 | 1.0 | 10.2 | 8.2 | 10.1 | 100 | 18.7 | 0.12 | 20 | | 10.44 | 11.77 | 7.62 |
| 30.0 | 1215 | 3.0 | | | 0.47 | 1.0 | | 8.2 | 10.1 | 100 | | 0.13 | 21 | | 10.45 | 11.75 | 7.63 |
| 30.0 | 1215 | 4.0 | | | 0.45 | 1.0 | | 8.1 | 10.1 | 100 | | 0.15 | 22 | | 10.48 | 11.75 | 7.65 |
| 30.0 | 1215 | 5.0 | | | 0.44 | 1.0 | | 8.1 | 10.1 | 100 | | 0.16 | 23 | | 10.49 | 11.75 | 7.66 |
| 30.0 | 1215 | 6.0 | | | 0.44 | 1.0 | | 8.1 | 10.1 | 100 | | 0.18 | 24 | | 10.52 | 11.77 | 7.68 |
| 30.0 | 1215 | 7.0 | | | 0.44 | 1.0 | | 8.1 | 10.1 | 100 | | 0.19 | 25 | | 10.55 | 11.79 | 7.71 |
| 30.0 | 1215 | 8.0 | | | 0.45 | 1.0 | | 8.1 | 10.1 | 100 | | 0.21 | 26 | | 10.56 | 11.80 | 7.71 |
| 30.0 | 1215 | 9.0 | | | 0.46 | 1.0 | | 8.1 | 10.1 | 100 | | 0.21 | 26 | | 10.56 | 11.81 | 7.71 |
| 30.0 | 1215 | 10.0 | | | 0.46 | 1.0 | | 8.1 | 10.1 | 100 | | 0.23 | 27 | | 10.56 | 11.81 | 7.71 |
| 30.0 | 1215 | 11.0 | | | 0.46 | 1.0 | | 8.1 | 10.1 | 100 | | 0.25 | 28 | | 10.56 | 11.82 | 7.71 |
| 30.0 | 1215 | 12.0 | | | 0.45 | 1.0 | | 8.1 | 10.1 | 100 | | 0.26 | 29 | | 10.56 | 11.82 | 7.71 |
| 30.0 | 1215 | 13.0 | | | 0.46 | 1.0 | | 8.1 | 10.1 | 100 | | 0.29 | 30 | | 10.56 | 11.82 | 7.70 |

South San Francisco Bay | February 26, 1998 | 98057

| 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 | 1215 | 14.0 | | | 0.46 | 1.0 | | 8.1 | 10.1 | 100 | | 0.30 | 31 | | 10.56 | 11.82 | 7.70 |
| 29.5 | 1201 | 1.0 | | | 0.71 | 1.1 | | 8.2 | 10.1 | 100 | | 0.12 | 21 | 1.9 | 10.27 | 11.98 | 7.46 |
| 29.5 | 1201 | 2.0 | | | 0.58 | 1.0 | | 8.3 | 10.3 | 101 | | 0.12 | 20 | | 10.42 | 11.77 | 7.61 |
| 29.5 | 1201 | 3.0 | | | 0.48 | 1.0 | | 8.3 | 10.2 | 101 | | 0.14 | 21 | | 10.51 | 11.75 | 7.67 |
| 29.5 | 1201 | 4.0 | | | 0.44 | 1.0 | | 8.2 | 10.2 | 100 | | 0.15 | 22 | | 10.53 | 11.76 | 7.69 |
| 29.5 | 1201 | 5.0 | | | 0.42 | 1.0 | | 8.2 | 10.1 | 100 | | 0.16 | 23 | | 10.56 | 11.77 | 7.71 |
| 29.5 | 1201 | 6.0 | | | 0.42 | 1.0 | | 8.2 | 10.1 | 100 | | 0.17 | 23 | | 10.61 | 11.78 | 7.75 |
| 29.5 | 1201 | 7.0 | | | 0.43 | 1.0 | | 8.1 | 10.1 | 100 | | 0.18 | 24 | | 10.64 | 11.78 | 7.77 |
| 29.5 | 1201 | 8.0 | | | 0.43 | 1.0 | | 8.1 | 10.1 | 100 | | 0.18 | 24 | | 10.66 | 11.78 | 7.79 |
| 29.5 | 1201 | 9.0 | | | 0.43 | 1.0 | | 8.1 | 10.1 | 100 | | 0.19 | 24 | | 10.67 | 11.77 | 7.80 |
| 29.5 | 1201 | 10.0 | | | 0.44 | 1.0 | | 8.1 | 10.1 | 100 | | 0.19 | 24 | | 10.67 | 11.77 | 7.80 |
| 29.5 | 1201 | 11.0 | | | 0.44 | 1.0 | | 8.1 | 10.1 | 100 | | 0.19 | 24 | | 10.67 | 11.78 | 7.80 |
| 29.5 | 1201 | 12.0 | | | 0.44 | 1.0 | | 8.1 | 10.1 | 100 | | 0.19 | 24 | | 10.67 | 11.78 | 7.80 |
| 29.5 | 1201 | 13.0 | | | 0.44 | 1.0 | | 8.1 | 10.1 | 100 | | 0.19 | 24 | | 10.67 | 11.77 | 7.80 |
| 29.5 | 1201 | 14.0 | | | 0.44 | 1.0 | | 8.1 | 10.1 | 100 | | 0.19 | 24 | | 10.67 | 11.77 | 7.80 |
| 29.5 | 1201 | 15.0 | | | 0.43 | 1.0 | | 8.1 | 10.1 | 100 | | 0.19 | 25 | | 10.68 | 11.76 | 7.81 |
| 29.5 | 1201 | 16.0 | | | 0.44 | 1.0 | | 8.1 | 10.1 | 100 | | 0.20 | 25 | | 10.68 | 11.76 | 7.81 |
| 29.0 | 1149 | 1.0 | | | 0.45 | 1.0 | | 8.1 | 10.1 | 99 | | 0.11 | 20 | 1.7 | 10.49 | 11.71 | 7.67 |
| 29.0 | 1149 | 2.0 | | | 0.44 | 1.0 | | 8.1 | 10.1 | 99 | | 0.11 | 20 | | 10.49 | 11.65 | 7.68 |
| 29.0 | 1149 | 3.0 | | | 0.42 | 1.0 | | 8.1 | 10.1 | 99 | | 0.12 | 20 | | 10.50 | 11.64 | 7.68 |
| 29.0 | 1149 | 4.0 | | | 0.41 | 1.0 | | 8.1 | 10.1 | 99 | | 0.12 | 21 | | 10.50 | 11.61 | 7.69 |
| 29.0 | 1149 | 5.0 | | | 0.40 | 1.0 | | 8.1 | 10.1 | 99 | | 0.12 | 21 | | 10.50 | 11.59 | 7.69 |
| 29.0 | 1149 | 6.0 | | | 0.40 | 1.0 | | 8.2 | 10.1 | 100 | | 0.12 | 21 | | 10.52 | 11.63 | 7.70 |
| 29.0 | 1149 | 7.0 | | | 0.41 | 1.0 | | 8.1 | 10.1 | 100 | | 0.12 | 21 | | 10.68 | 11.71 | 7.81 |
| 29.0 | 1149 | 8.0 | | | 0.41 | 1.0 | | 8.1 | 10.1 | 99 | | 0.13 | 21 | | 10.71 | 11.72 | 7.84 |
| 29.0 | 1149 | 9.0 | | | 0.41 | 1.0 | | 8.1 | 10.0 | 99 | | 0.15 | 22 | | 10.77 | 11.72 | 7.89 |
| 29.0 | 1149 | 10.0 | | | 0.41 | 1.0 | | 8.1 | 10.0 | 99 | | 0.16 | 23 | | 10.85 | 11.71 | 7.94 |
| 29.0 | 1149 | 11.0 | | | 0.41 | 1.0 | | 8.0 | 10.0 | 99 | | 0.18 | 24 | | 10.86 | 11.71 | 7.96 |
| 29.0 | 1149 | 12.0 | | | 0.40 | 1.0 | | 8.0 | 10.0 | 99 | | 0.20 | 25 | | 10.89 | 11.70 | 7.97 |
| 29.0 | 1149 | 13.0 | | | 0.41 | 1.0 | | 8.1 | 10.0 | 99 | | 0.22 | 26 | | 10.90 | 11.69 | 7.99 |
| 29.0 | 1149 | 14.0 | | | 0.41 | 1.0 | | 8.0 | 10.0 | 99 | | 0.23 | 27 | | 10.92 | 11.69 | 8.00 |
| 29.0 | 1149 | 15.0 | | | 0.42 | 1.0 | | 8.0 | 10.0 | 99 | | 0.25 | 28 | | 10.92 | 11.69 | 8.00 |
| 29.0 | 1149 | 16.0 | | | 0.43 | 1.0 | | 8.0 | 10.0 | 99 | | 0.27 | 29 | | 10.92 | 11.69 | 8.00 |
| 28.0 | 1136 | 1.0 | | | 0.42 | 1.0 | | 8.0 | 9.9 | 99 | | 0.14 | 22 | 2.1 | 10.79 | 12.02 | 7.86 |
| 28.0 | 1136 | 2.0 | | | 0.44 | 1.0 | | 8.0 | 10.0 | 99 | | 0.15 | 22 | | 10.93 | 11.81 | 7.99 |
| 28.0 | 1136 | 3.0 | | | 0.42 | 1.0 | | 8.0 | 10.0 | 99 | | 0.15 | 22 | | 10.97 | 11.81 | 8.03 |
| 28.0 | 1136 | 4.0 | | | 0.40 | 1.0 | | 8.0 | 10.0 | 99 | | 0.16 | 23 | | 11.01 | 11.79 | 8.06 |
| 28.0 | 1136 | 5.0 | | | 0.38 | 0.9 | | 8.0 | 10.0 | 99 | | 0.16 | 23 | | 11.02 | 11.74 | 8.07 |
| 28.0 | 1136 | 6.0 | | | 0.37 | 0.9 | | 8.0 | 10.0 | 99 | | 0.17 | 23 | | 11.02 | 11.69 | 8.08 |
| 28.0 | 1136 | 7.0 | | | 0.37 | 0.9 | | 8.0 | 10.0 | 99 | | 0.18 | 24 | | 11.01 | 11.68 | 8.08 |

South San Francisco Bay February 26, 1998 98057

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 28.0 | 1136 | 8.0 | | | 0.38 | 0.9 | | 8.0 | 10.0 | 99 | | 0.21 | 25 | | 11.01 | 11.67 | 8.08 |
| 28.0 | 1136 | 9.0 | | | 0.38 | 0.9 | | 8.0 | 10.0 | 99 | | 0.22 | 26 | | 11.01 | 11.67 | 8.08 |
| 28.0 | 1136 | 10.0 | | | 0.38 | 0.9 | | 8.0 | 10.0 | 99 | | 0.21 | 26 | | 11.01 | 11.67 | 8.08 |
| 28.0 | 1136 | 11.0 | | | 0.39 | 1.0 | | 8.0 | 10.0 | 99 | | 0.24 | 27 | | 11.01 | 11.68 | 8.08 |
| 28.0 | 1136 | 12.0 | | | 0.39 | 1.0 | | 8.0 | 10.0 | 99 | | 0.30 | 31 | | 11.01 | 11.68 | 8.08 |
| 28.0 | 1136 | 13.0 | | | 0.39 | 1.0 | | 8.0 | 10.0 | 99 | | 0.30 | 31 | | 11.01 | 11.68 | 8.08 |
| 28.0 | 1136 | 14.0 | | | 0.39 | 1.0 | | 8.0 | 10.0 | 99 | | 0.33 | 33 | | 11.01 | 11.68 | 8.08 |
| 28.0 | 1136 | 15.0 | | | 0.38 | 0.9 | | 8.0 | 10.0 | 99 | | 0.37 | 34 | | 11.01 | 11.68 | 8.08 |
| 28.0 | 1136 | 16.0 | | | 0.38 | 0.9 | | 8.0 | 10.0 | 99 | | 0.39 | 36 | | 11.02 | 11.69 | 8.08 |
| 27.0 | 1123 | 1.0 | | | 0.42 | 1.0 | | 7.9 | 9.9 | 98 | | 0.14 | 22 | 1.7 | 10.80 | 11.76 | 7.90 |
| 27.0 | 1123 | 2.0 | 0.7 | 0.56 | 0.41 | 1.0 | 10.1 | 8.0 | 10.0 | 99 | 18.5 | 0.13 | 21 | | 10.81 | 11.73 | 7.91 |
| 27.0 | 1123 | 3.0 | | | 0.39 | 1.0 | | 8.0 | 10.0 | 99 | | 0.15 | 22 | | 10.81 | 11.69 | 7.91 |
| 27.0 | 1123 | 4.0 | | | 0.38 | 0.9 | | 8.1 | 10.0 | 99 | | 0.15 | 23 | | 10.81 | 11.68 | 7.92 |
| 27.0 | 1123 | 5.0 | | | 0.37 | 0.9 | | 8.1 | 10.0 | 99 | | 0.16 | 23 | | 10.81 | 11.67 | 7.92 |
| 27.0 | 1123 | 6.0 | | | 0.37 | 0.9 | | 8.1 | 10.0 | 99 | | 0.16 | 23 | | 10.82 | 11.67 | 7.93 |
| 27.0 | 1123 | 7.0 | | | 0.37 | 0.9 | | 8.1 | 10.0 | 99 | | 0.18 | 24 | | 10.83 | 11.67 | 7.94 |
| 27.0 | 1123 | 8.0 | | | 0.37 | 0.9 | | 8.1 | 10.0 | 99 | | 0.20 | 25 | | 10.84 | 11.67 | 7.94 |
| 27.0 | 1123 | 9.0 | | | 0.38 | 0.9 | | 8.1 | 10.0 | 99 | | 0.22 | 26 | | 10.85 | 11.67 | 7.95 |
| 27.0 | 1123 | 10.0 | | | 0.38 | 0.9 | | 8.1 | 10.0 | 99 | | 0.23 | 27 | | 10.85 | 11.67 | 7.95 |
| 27.0 | 1123 | 11.0 | | | 0.38 | 1.0 | | 8.1 | 10.0 | 99 | | 0.25 | 28 | | 10.87 | 11.67 | 7.96 |
| 27.0 | 1123 | 12.0 | | | 0.38 | 0.9 | | 8.1 | 10.0 | 99 | | 0.27 | 29 | | 10.87 | 11.67 | 7.97 |
| 27.0 | 1123 | 13.0 | 0.8 | 0.41 | 0.38 | 0.9 | | 8.1 | 10.0 | 99 | | 0.32 | 32 | | 10.87 | 11.67 | 7.97 |
| 26.0 | 1111 | 1.0 | | | 0.53 | 1.0 | | 7.9 | 9.8 | 97 | | 0.17 | 24 | 2.0 | 10.22 | 11.84 | 7.44 |
| 26.0 | 1111 | 2.0 | | | 0.53 | 1.0 | | 8.0 | 10.0 | 98 | | 0.17 | 23 | | 10.23 | 11.82 | 7.45 |
| 26.0 | 1111 | 3.0 | | | 0.50 | 1.0 | | 8.0 | 10.0 | 99 | | 0.18 | 24 | | 10.26 | 11.78 | 7.48 |
| 26.0 | 1111 | 4.0 | | | 0.45 | 1.0 | | 8.0 | 10.0 | 99 | | 0.20 | 25 | | 10.34 | 11.75 | 7.54 |
| 26.0 | 1111 | 5.0 | | | 0.41 | 1.0 | | 8.0 | 10.0 | 99 | | 0.21 | 25 | | 10.36 | 11.74 | 7.56 |
| 26.0 | 1111 | 6.0 | | | 0.38 | 0.9 | | 8.0 | 10.0 | 99 | | 0.20 | 25 | | 10.42 | 11.73 | 7.61 |
| 26.0 | 1111 | 7.0 | | | 0.37 | 0.9 | | 8.0 | 10.0 | 99 | | 0.22 | 26 | | 10.47 | 11.73 | 7.65 |
| 26.0 | 1111 | 8.0 | | | 0.37 | 0.9 | | 8.0 | 10.0 | 99 | | 0.24 | 28 | | 10.47 | 11.73 | 7.65 |
| 26.0 | 1111 | 9.0 | | | 0.37 | 0.9 | | 8.0 | 10.0 | 99 | | 0.30 | 31 | | 10.47 | 11.72 | 7.65 |
| 26.0 | 1111 | 10.0 | | | 0.37 | 0.9 | | 8.0 | 10.0 | 99 | | 0.32 | 32 | | 10.48 | 11.72 | 7.66 |
| 26.0 | 1111 | 11.0 | | | 0.37 | 0.9 | | 8.1 | 10.0 | 99 | | 0.35 | 34 | | 10.49 | 11.72 | 7.66 |
| 25.0 | 1057 | 1.0 | | | 0.32 | 0.9 | | 7.9 | 9.9 | 96 | | 0.14 | 22 | 1.8 | 8.80 | 11.55 | 6.38 |
| 25.0 | 1057 | 2.0 | | | 0.31 | 0.9 | | 8.0 | 10.0 | 97 | | 0.13 | 21 | | 8.95 | 11.51 | 6.51 |
| 25.0 | 1057 | 3.0 | | | 0.32 | 0.9 | | 8.1 | 10.1 | 98 | | 0.14 | 22 | | 9.23 | 11.55 | 6.71 |
| 25.0 | 1057 | 4.0 | | | 0.32 | 0.9 | | 8.2 | 10.1 | 99 | | 0.14 | 22 | | 9.69 | 11.70 | 7.05 |
| 25.0 | 1057 | 5.0 | | | 0.32 | 0.9 | | 8.1 | 10.0 | 100 | | 0.14 | 21 | | 10.84 | 11.86 | 7.92 |
| 25.0 | 1057 | 6.0 | | | 0.32 | 0.9 | | 8.0 | 10.0 | 99 | | 0.15 | 22 | | 11.49 | 11.91 | 8.41 |
| 25.0 | 1057 | 7.0 | | | 0.31 | 0.9 | | 8.0 | 9.9 | 100 | | 0.19 | 25 | | 11.86 | 11.96 | 8.69 |

South San Francisco Bay February 26, 1998 98057

| 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 | 1057 | 8.0 | | | 0.31 | 0.9 | | 7.9 | 9.9 | 99 | | 0.26 | 28 | | 12.28 | 11.99 | 9.02 |
| 25.0 | 1057 | 9.0 | | | 0.30 | 0.9 | | 7.9 | 9.9 | 99 | | 0.31 | 31 | | 12.48 | 12.00 | 9.17 |
| 25.0 | 1057 | 10.0 | | | 0.31 | 0.9 | | 7.9 | 9.9 | 99 | | 0.39 | 36 | | 12.55 | 12.00 | 9.22 |
| 24.0 | 1043 | 1.0 | | | 0.25 | 0.9 | | 8.1 | 10.1 | 98 | | 0.16 | 23 | 2.0 | 9.52 | 11.52 | 6.95 |
| 24.0 | 1043 | 2.0 | 1.0 | 0.54 | 0.26 | 0.9 | 10.0 | 8.1 | 10.1 | 99 | 26.0 | 0.17 | 23 | | 9.84 | 11.55 | 7.19 |
| 24.0 | 1043 | 3.0 | | | 0.26 | 0.9 | | 8.1 | 10.1 | 99 | | 0.19 | 24 | | 10.18 | 11.60 | 7.44 |
| 24.0 | 1043 | 4.0 | | | 0.26 | 0.9 | | 8.1 | 10.1 | 99 | | 0.21 | 26 | | 10.42 | 11.65 | 7.62 |
| 24.0 | 1043 | 5.0 | | | 0.26 | 0.9 | | 8.1 | 10.1 | 100 | | 0.24 | 27 | | 10.89 | 11.73 | 7.97 |
| 24.0 | 1043 | 6.0 | | | 0.27 | 0.9 | | 8.1 | 10.0 | 100 | | 0.25 | 28 | | 11.34 | 11.81 | 8.31 |
| 24.0 | 1043 | 7.0 | | | 0.27 | 0.9 | | 8.0 | 10.0 | 100 | | 0.25 | 28 | | 12.01 | 11.92 | 8.81 |
| 24.0 | 1043 | 8.0 | | | 0.27 | 0.9 | | 8.0 | 10.0 | 100 | | 0.25 | 28 | | 11.87 | 11.89 | 8.71 |
| 24.0 | 1043 | 9.0 | | | 0.27 | 0.9 | | 8.0 | 10.0 | 100 | | 0.24 | 27 | | 12.25 | 11.98 | 8.99 |
| 24.0 | 1043 | 10.0 | | | 0.27 | 0.9 | | 7.9 | 9.9 | 100 | | 0.26 | 28 | | 12.73 | 12.01 | 9.36 |
| 24.0 | 1043 | 11.0 | 1.0 | | 0.27 | 0.9 | | 7.9 | 9.9 | 100 | | 0.30 | 31 | | 12.80 | 12.02 | 9.41 |
| 23.0 | 1030 | 1.0 | | | 0.30 | 0.9 | | 7.7 | 9.7 | 94 | | 0.19 | 25 | 2.3 | 7.98 | 11.45 | 5.76 |
| 23.0 | 1030 | 2.0 | | | 0.27 | 0.9 | | 7.9 | 9.9 | 95 | | 0.19 | 25 | | 8.35 | 11.34 | 6.06 |
| 23.0 | 1030 | 3.0 | | | 0.25 | 0.9 | | 7.9 | 9.9 | 96 | | 0.19 | 25 | | 8.87 | 11.38 | 6.46 |
| 23.0 | 1030 | 4.0 | | | 0.24 | 0.9 | | 8.0 | 10.0 | 97 | | 0.19 | 25 | | 9.21 | 11.44 | 6.71 |
| 23.0 | 1030 | 5.0 | | | 0.24 | 0.9 | | 8.1 | 10.0 | 99 | | 0.19 | 24 | | 10.40 | 11.61 | 7.61 |
| 23.0 | 1030 | 6.0 | | | 0.23 | 0.9 | | 7.9 | 9.9 | 99 | | 0.19 | 24 | | 11.85 | 11.83 | 8.70 |
| 23.0 | 1030 | 7.0 | | | 0.23 | 0.9 | | 7.9 | 9.9 | 99 | | 0.18 | 24 | | 12.33 | 11.88 | 9.07 |
| 23.0 | 1030 | 8.0 | | | 0.23 | 0.9 | | 7.9 | 9.9 | 100 | | 0.17 | 23 | | 13.15 | 11.96 | 9.69 |
| 23.0 | 1030 | 9.0 | | | 0.22 | 0.9 | | 7.8 | 9.8 | 100 | | 0.16 | 23 | | 14.12 | 12.07 | 10.42 |
| 23.0 | 1030 | 10.0 | | | 0.22 | 0.9 | | 7.8 | 9.8 | 100 | | 0.17 | 23 | | 14.20 | 12.09 | 10.48 |
| 23.0 | 1030 | 11.0 | | | 0.22 | 0.9 | | 7.9 | 9.9 | 101 | | 0.17 | 23 | | 14.51 | 12.12 | 10.71 |
| 23.0 | 1030 | 12.0 | | | 0.22 | 0.9 | | 7.9 | 9.8 | 101 | | 0.18 | 24 | | 15.37 | 12.24 | 11.36 |
| 23.0 | 1030 | 13.0 | | | 0.23 | 0.9 | | 7.8 | 9.8 | 101 | | 0.20 | 25 | | 16.33 | 12.36 | 12.09 |
| 23.0 | 1030 | 14.0 | | | 0.23 | 0.9 | | 7.7 | 9.7 | 101 | | 0.27 | 29 | | 16.72 | 12.41 | 12.37 |
| 23.0 | 1030 | 15.0 | | | 0.24 | 0.9 | | 7.7 | 9.7 | 101 | | 0.34 | 33 | | 17.18 | 12.47 | 12.72 |
| 23.0 | 1030 | 16.0 | | | 0.24 | 0.9 | | 7.6 | 9.6 | 101 | | 0.43 | 38 | | 17.39 | 12.49 | 12.88 |
| 22.0 | 1013 | 1.0 | | | 0.25 | 0.9 | | 8.0 | 10.0 | 96 | | 0.25 | 28 | 2.6 | 7.41 | 11.44 | 5.32 |
| 22.0 | 1013 | 2.0 | | | 0.25 | 0.9 | | 8.1 | 10.1 | 97 | | 0.25 | 28 | | 7.72 | 11.40 | 5.56 |
| 22.0 | 1013 | 3.0 | | | 0.25 | 0.9 | | 8.0 | 10.0 | 97 | | 0.26 | 29 | | 9.11 | 11.48 | 6.63 |
| 22.0 | 1013 | 4.0 | | | 0.25 | 0.9 | | 8.0 | 10.0 | 98 | | 0.27 | 29 | | 9.26 | 11.51 | 6.74 |
| 22.0 | 1013 | 5.0 | | | 0.25 | 0.9 | | 8.1 | 10.0 | 98 | | 0.28 | 29 | | 9.36 | 11.54 | 6.81 |
| 22.0 | 1013 | 6.0 | | | 0.25 | 0.9 | | 8.1 | 10.0 | 99 | | 0.28 | 30 | | 9.94 | 11.64 | 7.25 |
| 22.0 | 1013 | 7.0 | | | 0.24 | 0.9 | | 8.0 | 10.0 | 99 | | 0.27 | 29 | | 11.09 | 11.74 | 8.13 |
| 22.0 | 1013 | 8.0 | | | 0.24 | 0.9 | | 8.0 | 9.9 | 100 | | 0.26 | 28 | | 12.62 | 11.86 | 9.29 |
| 22.0 | 1013 | 9.0 | | | 0.23 | 0.9 | | 7.9 | 9.9 | 100 | | 0.22 | 27 | | 13.11 | 11.91 | 9.66 |
| 22.0 | 1013 | 10.0 | | | 0.23 | 0.9 | | 8.0 | 10.0 | 101 | | 0.21 | 25 | | 13.29 | 11.93 | 9.80 |

South San Francisco Bay February 26, 1998 98057

| 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 | 1013 | 11.0 | | | 0.22 | 0.9 | | 8.0 | 10.0 | 102 | | 0.20 | 25 | | 15.16 | 12.18 | 11.21 |
| 22.0 | 1013 | 12.0 | | | 0.22 | 0.9 | | 7.8 | 9.8 | 103 | | 0.21 | 26 | | 17.38 | 12.46 | 12.88 |
| 22.0 | 1013 | 13.0 | | | 0.22 | 0.9 | | 7.7 | 9.7 | 103 | | 0.34 | 33 | | 18.97 | 12.64 | 14.07 |
| 22.0 | 1013 | 14.0 | | | 0.23 | 0.9 | | 7.6 | 9.6 | 103 | | 0.50 | 42 | | 19.26 | 12.68 | 14.29 |
| 22.0 | 1013 | 15.0 | | | 0.24 | 0.9 | | 7.6 | 9.6 | 102 | | 0.62 | 49 | | 19.64 | 12.72 | 14.57 |
| 22.0 | 1013 | 16.0 | | | 0.25 | 0.9 | | 7.5 | 9.6 | 102 | | 0.70 | 54 | | 19.63 | 12.72 | 14.56 |
| 22.0 | 1013 | 17.0 | | | 0.26 | 0.9 | | 7.5 | 9.5 | 102 | | 0.86 | 62 | | 19.62 | 12.72 | 14.56 |
| 22.0 | 1013 | 18.0 | | | 0.26 | 0.9 | | 7.5 | 9.5 | 102 | | 0.97 | 69 | | 19.70 | 12.73 | 14.62 |
| 22.0 | 1013 | 19.0 | | | 0.26 | 0.9 | | 7.5 | 9.5 | 102 | | 1.04 | 73 | | 19.76 | 12.74 | 14.66 |
| 21.0 | 1004 | 1.0 | | | 0.24 | 0.9 | | 8.1 | 10.0 | 97 | | 0.31 | 31 | 3.1 | 8.45 | 11.33 | 6.14 |
| 21.0 | 1004 | 2.0 | 1.3 | 0.53 | 0.24 | 0.9 | 9.9 | 8.1 | 10.1 | 97 | 27.3 | 0.32 | 32 | | 8.68 | 11.34 | 6.32 |
| 21.0 | 1004 | 3.0 | | | 0.24 | 0.9 | | 8.1 | 10.1 | 98 | | 0.33 | 32 | | 9.32 | 11.42 | 6.80 |
| 21.0 | 1004 | 4.0 | | | 0.25 | 0.9 | | 8.1 | 10.1 | 99 | | 0.36 | 34 | | 10.01 | 11.54 | 7.32 |
| 21.0 | 1004 | 5.0 | | | 0.26 | 0.9 | | 8.1 | 10.0 | 99 | | 0.44 | 39 | | 11.20 | 11.69 | 8.22 |
| 21.0 | 1004 | 6.0 | | | 0.27 | 0.9 | | 8.0 | 10.0 | 99 | | 0.46 | 40 | | 11.70 | 11.78 | 8.60 |
| 21.0 | 1004 | 7.0 | | | 0.27 | 0.9 | | 8.0 | 10.0 | 99 | | 0.43 | 38 | | 11.74 | 11.79 | 8.62 |
| 21.0 | 1004 | 8.0 | | | 0.27 | 0.9 | | 8.0 | 10.0 | 99 | | 0.44 | 39 | | 11.77 | 11.80 | 8.65 |
| 21.0 | 1004 | 9.0 | | | 0.28 | 0.9 | | 8.0 | 9.9 | 99 | | 0.47 | 41 | | 12.00 | 11.81 | 8.82 |
| 21.0 | 1004 | 10.0 | | | 0.28 | 0.9 | | 8.0 | 9.9 | 99 | | 0.43 | 38 | | 12.05 | 11.84 | 8.85 |
| 21.0 | 1004 | 11.0 | | | 0.28 | 0.9 | | 8.0 | 9.9 | 99 | | 0.42 | 38 | | 12.28 | 11.86 | 9.03 |
| 21.0 | 1004 | 12.0 | | | 0.27 | 0.9 | | 8.0 | 9.9 | 100 | | 0.43 | 38 | | 12.45 | 11.88 | 9.16 |
| 21.0 | 1004 | 13.0 | | | 0.25 | 0.9 | | 8.2 | 10.2 | 102 | | 0.40 | 36 | | 12.77 | 11.92 | 9.40 |
| 21.0 | 1004 | 14.0 | | | 0.22 | 0.9 | | 8.1 | 10.0 | 105 | | 0.33 | 33 | | 16.83 | 12.42 | 12.45 |
| 21.0 | 1004 | 15.0 | | | 0.21 | 0.9 | | 7.8 | 9.8 | 105 | | 0.27 | 29 | | 20.63 | 12.85 | 15.32 |
| 21.0 | 1004 | 16.0 | | | 0.22 | 0.9 | | 7.5 | 9.5 | 105 | | 0.37 | 35 | | 23.11 | 13.14 | 17.18 |
| 21.0 | 1004 | 17.0 | | | 0.23 | 0.9 | | 7.4 | 9.4 | 104 | | 0.69 | 53 | | 23.45 | 13.17 | 17.43 |
| 21.0 | 1004 | 18.0 | 0.8 | | 0.23 | 0.9 | | 7.4 | 9.4 | 104 | | 0.84 | 61 | | 23.55 | 13.18 | 17.51 |

| | n | r^2 | Slope | Inter. | Std. Err. |
|---|---|---|---|---|---|
| Fluorometer Calibration: | 11 | 0.160 | 0.343 | 0.818 | 0.241 |
| OBS Calibration: | 6 | 0.573 | 56.509 | 13.805 | 4.273 |
| Dissolved Oxygen Calibration: | 6 | 0.641 | 0.909 | 2.698 | 0.122 |

SeaBird v4.026

South San Francisco Bay March 5, 1998 98064

| 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 | 0830 | 1.0 | | | 1.24 | 17.2 | | 8.2 | 9.6 | 94 | | 0.29 | 40 | 3.2 | 6.34 | 12.75 | 4.32 |
| 36.0 | 0830 | 2.0 | 15.4 | 0.91 | 1.23 | 17.2 | 9.5 | 8.2 | 9.5 | 94 | 38.8 | 0.29 | 40 | | 6.66 | 12.91 | 4.55 |
| 36.0 | 0830 | 3.0 | | | 1.21 | 16.9 | | 8.2 | 9.6 | 95 | | 0.29 | 40 | | 7.03 | 13.01 | 4.82 |
| 36.0 | 0830 | 4.0 | | | 1.26 | 17.6 | | 8.2 | 9.6 | 96 | | 0.27 | 37 | | 7.41 | 13.14 | 5.09 |
| 36.0 | 0830 | 5.0 | | | 1.38 | 19.3 | | 8.3 | 9.7 | 97 | | 0.28 | 38 | | 7.57 | 13.19 | 5.21 |
| 36.0 | 0830 | 6.0 | | | 1.47 | 20.7 | | 8.3 | 9.6 | 97 | | 0.31 | 42 | | 7.84 | 13.22 | 5.41 |
| 36.0 | 0830 | 7.0 | 18.3 | 0.89 | 1.46 | 20.5 | | 8.2 | 9.6 | 96 | | 0.36 | 49 | | 7.91 | 13.23 | 5.46 |
| 35.0 | 0839 | 1.0 | | | 1.31 | 18.2 | | 8.2 | 9.5 | 93 | | 0.23 | 31 | 2.7 | 6.23 | 12.75 | 4.24 |
| 35.0 | 0839 | 2.0 | | | 1.30 | 18.1 | | 8.2 | 9.6 | 95 | | 0.23 | 31 | | 6.51 | 12.82 | 4.45 |
| 35.0 | 0839 | 3.0 | | | 1.26 | 17.5 | | 8.3 | 9.6 | 96 | | 0.23 | 32 | | 7.14 | 12.96 | 4.91 |
| 35.0 | 0839 | 4.0 | | | 1.26 | 17.6 | | 8.3 | 9.6 | 96 | | 0.22 | 31 | | 7.59 | 13.07 | 5.24 |
| 35.0 | 0839 | 5.0 | | | 1.30 | 18.1 | | 8.3 | 9.7 | 98 | | 0.22 | 30 | | 7.96 | 13.08 | 5.53 |
| 35.0 | 0839 | 6.0 | | | 1.30 | 18.2 | | 8.3 | 9.7 | 97 | | 0.21 | 29 | | 8.14 | 13.11 | 5.66 |
| 35.0 | 0839 | 7.0 | | | 1.28 | 17.9 | | 8.3 | 9.7 | 97 | | 0.22 | 30 | | 8.23 | 13.10 | 5.73 |
| 35.0 | 0839 | 8.0 | | | 1.29 | 18.0 | | 8.3 | 9.7 | 97 | | 0.22 | 30 | | 8.29 | 13.07 | 5.78 |
| 35.0 | 0839 | 9.0 | | | 1.31 | 18.2 | | 8.3 | 9.7 | 97 | | 0.22 | 31 | | 8.32 | 13.07 | 5.80 |
| 34.0 | 0852 | 1.0 | | | 1.24 | 17.2 | | 8.2 | 9.5 | 92 | | 0.28 | 38 | 3.0 | 5.93 | 12.46 | 4.04 |
| 34.0 | 0852 | 2.0 | | | 1.24 | 17.2 | | 8.2 | 9.5 | 92 | | 0.27 | 37 | | 5.89 | 12.44 | 4.01 |
| 34.0 | 0852 | 3.0 | | | 1.27 | 17.7 | | 8.2 | 9.5 | 93 | | 0.27 | 37 | | 5.90 | 12.45 | 4.02 |
| 34.0 | 0852 | 4.0 | | | 1.32 | 18.5 | | 8.3 | 9.6 | 94 | | 0.27 | 37 | | 6.02 | 12.50 | 4.11 |
| 34.0 | 0852 | 5.0 | | | 1.37 | 19.1 | | 8.2 | 9.5 | 93 | | 0.32 | 44 | | 6.43 | 12.60 | 4.41 |
| 34.0 | 0852 | 6.0 | | | 1.40 | 19.6 | | 8.1 | 9.4 | 92 | | 0.40 | 54 | | 6.56 | 12.63 | 4.51 |
| 34.0 | 0852 | 7.0 | | | 1.40 | 19.5 | | 8.1 | 9.4 | 92 | | 0.52 | 71 | | 6.68 | 12.65 | 4.60 |
| 33.0 | 0906 | 1.0 | | | 1.38 | 19.2 | | 8.3 | 9.7 | 96 | | 0.22 | 30 | 2.6 | 6.96 | 12.77 | 4.80 |
| 33.0 | 0906 | 2.0 | | | 1.37 | 19.1 | | 8.3 | 9.7 | 96 | | 0.21 | 30 | | 7.02 | 12.79 | 4.84 |
| 33.0 | 0906 | 3.0 | | | 1.35 | 18.8 | | 8.3 | 9.8 | 97 | | 0.21 | 29 | | 7.07 | 12.80 | 4.87 |
| 33.0 | 0906 | 4.0 | | | 1.35 | 18.8 | | 8.3 | 9.7 | 97 | | 0.21 | 29 | | 7.41 | 12.86 | 5.13 |
| 33.0 | 0906 | 5.0 | | | 1.36 | 19.1 | | 8.3 | 9.7 | 97 | | 0.22 | 31 | | 7.60 | 12.88 | 5.28 |
| 33.0 | 0906 | 6.0 | | | 1.38 | 19.3 | | 8.3 | 9.7 | 97 | | 0.24 | 33 | | 7.68 | 12.89 | 5.33 |
| 33.0 | 0906 | 7.0 | | | 1.39 | 19.4 | | 8.3 | 9.7 | 97 | | 0.26 | 36 | | 7.84 | 12.91 | 5.46 |
| 33.0 | 0906 | 8.0 | | | 1.37 | 19.2 | | 8.3 | 9.8 | 97 | | 0.29 | 40 | | 7.87 | 12.91 | 5.47 |
| 33.0 | 0906 | 9.0 | | | 1.37 | 19.1 | | 8.3 | 9.8 | 97 | | 0.31 | 42 | | 7.99 | 12.94 | 5.57 |
| 33.0 | 0906 | 10.0 | | | 1.36 | 19.0 | | 8.3 | 9.7 | 97 | | 0.36 | 50 | | 8.17 | 12.96 | 5.70 |
| 33.0 | 0906 | 11.0 | | | 1.34 | 18.7 | | 8.3 | 9.7 | 97 | | 0.42 | 58 | | 8.27 | 12.98 | 5.78 |
| 33.0 | 0906 | 12.0 | | | 1.35 | 18.9 | | 8.3 | 9.7 | 97 | | 0.49 | 66 | | 8.33 | 12.98 | 5.82 |
| 33.0 | 0906 | 13.0 | | | 1.36 | 19.0 | | 8.3 | 9.7 | 97 | | 0.55 | 74 | | 8.34 | 12.96 | 5.83 |
| 32.0 | 0916 | 1.0 | | | 1.37 | 19.2 | | 8.3 | 9.7 | 96 | | 0.19 | 27 | 2.5 | 7.20 | 12.78 | 4.98 |
| 32.0 | 0916 | 2.0 | 17.4 | 0.94 | 1.33 | 18.6 | 9.7 | 8.3 | 9.8 | 97 | 28.3 | 0.19 | 27 | | 7.36 | 12.84 | 5.10 |
| 32.0 | 0916 | 3.0 | | | 1.28 | 17.8 | | 8.3 | 9.7 | 96 | | 0.19 | 27 | | 7.56 | 12.89 | 5.24 |

South San Francisco Bay March 5, 1998 98064

| 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 | 0916 | 4.0 | | | 1.29 | 18.0 | | 8.3 | 9.7 | 97 | | 0.20 | 28 | | 7.69 | 12.91 | 5.34 |
| 32.0 | 0916 | 5.0 | | | 1.33 | 18.5 | | 8.3 | 9.7 | 97 | | 0.22 | 31 | | 7.89 | 12.93 | 5.49 |
| 32.0 | 0916 | 6.0 | | | 1.34 | 18.7 | | 8.3 | 9.7 | 97 | | 0.24 | 34 | | 8.13 | 12.96 | 5.67 |
| 32.0 | 0916 | 7.0 | | | 1.31 | 18.3 | | 8.3 | 9.7 | 97 | | 0.29 | 40 | | 8.31 | 12.98 | 5.81 |
| 32.0 | 0916 | 8.0 | | | 1.26 | 17.6 | | 8.3 | 9.7 | 97 | | 0.35 | 48 | | 8.41 | 12.98 | 5.89 |
| 32.0 | 0916 | 9.0 | | | 1.24 | 17.2 | | 8.3 | 9.7 | 97 | | 0.39 | 53 | | 8.52 | 12.99 | 5.97 |
| 32.0 | 0916 | 10.0 | | | 1.22 | 16.9 | | 8.3 | 9.6 | 97 | | 0.43 | 58 | | 8.58 | 12.99 | 6.02 |
| 32.0 | 0916 | 11.0 | | | 1.21 | 16.8 | | 8.3 | 9.6 | 97 | | 0.50 | 69 | | 8.68 | 12.99 | 6.09 |
| 32.0 | 0916 | 12.0 | | | 1.19 | 16.5 | | 8.3 | 9.6 | 97 | | 0.55 | 75 | | 8.68 | 12.99 | 6.09 |
| 32.0 | 0916 | 13.0 | 14.9 | 0.78 | 1.18 | 16.4 | | 8.2 | 9.6 | 96 | | 0.65 | 88 | | 8.69 | 12.98 | 6.10 |
| 31.0 | 0927 | 1.0 | | | 1.26 | 17.5 | | 8.5 | 10.2 | 102 | | 0.16 | 22 | 2.2 | 8.06 | 12.93 | 5.62 |
| 31.0 | 0927 | 2.0 | | | 1.13 | 15.6 | | 8.4 | 10.0 | 100 | | 0.16 | 22 | | 8.35 | 12.97 | 5.84 |
| 31.0 | 0927 | 3.0 | | | 1.05 | 14.5 | | 8.4 | 9.9 | 99 | | 0.16 | 22 | | 8.57 | 12.98 | 6.01 |
| 31.0 | 0927 | 4.0 | | | 1.01 | 13.9 | | 8.3 | 9.8 | 98 | | 0.17 | 23 | | 8.73 | 12.97 | 6.13 |
| 31.0 | 0927 | 5.0 | | | 1.02 | 14.0 | | 8.3 | 9.7 | 98 | | 0.18 | 24 | | 8.90 | 12.95 | 6.27 |
| 31.0 | 0927 | 6.0 | | | 1.05 | 14.5 | | 8.3 | 9.8 | 98 | | 0.19 | 26 | | 9.02 | 12.93 | 6.36 |
| 31.0 | 0927 | 7.0 | | | 1.07 | 14.8 | | 8.3 | 9.7 | 98 | | 0.20 | 27 | | 9.10 | 12.92 | 6.42 |
| 31.0 | 0927 | 8.0 | | | 1.08 | 14.9 | | 8.3 | 9.7 | 97 | | 0.21 | 29 | | 9.13 | 12.92 | 6.45 |
| 31.0 | 0927 | 9.0 | | | 1.06 | 14.6 | | 8.3 | 9.7 | 98 | | 0.22 | 30 | | 9.16 | 12.91 | 6.47 |
| 31.0 | 0927 | 10.0 | | | 1.06 | 14.5 | | 8.3 | 9.7 | 98 | | 0.23 | 31 | | 9.21 | 12.90 | 6.51 |
| 31.0 | 0927 | 11.0 | | | 1.06 | 14.6 | | 8.3 | 9.7 | 98 | | 0.26 | 36 | | 9.25 | 12.89 | 6.55 |
| 31.0 | 0927 | 12.0 | | | 1.07 | 14.7 | | 8.3 | 9.7 | 98 | | 0.28 | 39 | | 9.27 | 12.89 | 6.56 |
| 31.0 | 0927 | 13.0 | | | 1.07 | 14.7 | | 8.3 | 9.7 | 98 | | 0.31 | 42 | | 9.29 | 12.88 | 6.58 |
| 31.0 | 0927 | 14.0 | | | 1.06 | 14.7 | | 8.3 | 9.7 | 98 | | 0.37 | 50 | | 9.31 | 12.88 | 6.59 |
| 30.0 | 0945 | 1.0 | | | 1.47 | 20.6 | | 8.6 | 10.3 | 103 | | 0.13 | 18 | 2.0 | 8.79 | 12.85 | 6.19 |
| 30.0 | 0945 | 2.0 | 18.0 | 0.90 | 1.43 | 20.0 | 10.3 | 8.6 | 10.2 | 102 | 17.5 | 0.12 | 17 | | 8.81 | 12.86 | 6.21 |
| 30.0 | 0945 | 3.0 | | | 1.36 | 19.0 | | 8.6 | 10.2 | 102 | | 0.13 | 18 | | 8.89 | 12.86 | 6.27 |
| 30.0 | 0945 | 4.0 | | | 1.30 | 18.1 | | 8.6 | 10.2 | 102 | | 0.13 | 18 | | 8.99 | 12.85 | 6.35 |
| 30.0 | 0945 | 5.0 | | | 1.28 | 17.9 | | 8.6 | 10.2 | 102 | | 0.13 | 18 | | 9.03 | 12.85 | 6.38 |
| 30.0 | 0945 | 6.0 | | | 1.26 | 17.6 | | 8.5 | 10.2 | 102 | | 0.13 | 18 | | 9.07 | 12.84 | 6.42 |
| 30.0 | 0945 | 7.0 | | | 1.24 | 17.3 | | 8.6 | 10.2 | 102 | | 0.13 | 18 | | 9.20 | 12.84 | 6.51 |
| 30.0 | 0945 | 8.0 | | | 1.22 | 17.0 | | 8.6 | 10.3 | 103 | | 0.13 | 19 | | 9.43 | 12.83 | 6.69 |
| 30.0 | 0945 | 9.0 | | | 1.20 | 16.6 | | 8.6 | 10.3 | 103 | | 0.14 | 20 | | 9.43 | 12.83 | 6.69 |
| 30.0 | 0945 | 10.0 | | | 1.19 | 16.5 | | 8.6 | 10.3 | 104 | | 0.15 | 21 | | 9.41 | 12.83 | 6.68 |
| 30.0 | 0945 | 11.0 | | | 1.19 | 16.6 | | 8.6 | 10.4 | 104 | | 0.16 | 22 | | 9.57 | 12.82 | 6.80 |
| 30.0 | 0945 | 12.0 | | | 1.19 | 16.5 | | 8.7 | 10.4 | 104 | | 0.17 | 24 | | 9.59 | 12.82 | 6.82 |
| 30.0 | 0945 | 13.0 | | | 1.17 | 16.2 | | 8.7 | 10.4 | 105 | | 0.19 | 27 | | 9.60 | 12.82 | 6.82 |
| 30.0 | 0945 | 14.0 | | | 1.16 | 16.1 | | 8.7 | 10.4 | 105 | | 0.22 | 30 | | 9.60 | 12.82 | 6.83 |
| 30.0 | 0945 | 15.0 | 14.5 | 0.89 | 1.17 | 16.3 | | 8.7 | 10.4 | 105 | | 0.23 | 32 | | 9.60 | 12.82 | 6.83 |

South San Francisco Bay March 5, 1998 98064

| 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 | 0957 | 1.0 | | | 1.48 | 20.7 | | 8.8 | 10.6 | 106 | | 0.13 | 18 | 2.0 | 8.95 | 12.71 | 6.34 |
| 29.5 | 0957 | 2.0 | | | 1.36 | 19.0 | | 8.7 | 10.4 | 104 | | 0.12 | 17 | | 9.13 | 12.73 | 6.47 |
| 29.5 | 0957 | 3.0 | | | 1.20 | 16.6 | | 8.6 | 10.3 | 104 | | 0.12 | 17 | | 9.25 | 12.71 | 6.57 |
| 29.5 | 0957 | 4.0 | | | 1.08 | 14.9 | | 8.6 | 10.3 | 104 | | 0.13 | 18 | | 9.51 | 12.74 | 6.76 |
| 29.5 | 0957 | 5.0 | | | 1.04 | 14.3 | | 8.6 | 10.3 | 103 | | 0.14 | 19 | | 9.54 | 12.74 | 6.79 |
| 29.5 | 0957 | 6.0 | | | 1.02 | 14.0 | | 8.6 | 10.3 | 104 | | 0.15 | 21 | | 9.56 | 12.74 | 6.81 |
| 29.5 | 0957 | 7.0 | | | 1.04 | 14.2 | | 8.6 | 10.3 | 104 | | 0.16 | 22 | | 9.58 | 12.74 | 6.82 |
| 29.5 | 0957 | 8.0 | | | 1.08 | 14.8 | | 8.6 | 10.3 | 104 | | 0.16 | 23 | | 9.58 | 12.74 | 6.82 |
| 29.5 | 0957 | 9.0 | | | 1.12 | 15.4 | | 8.6 | 10.3 | 104 | | 0.17 | 24 | | 9.58 | 12.74 | 6.82 |
| 29.5 | 0957 | 10.0 | | | 1.13 | 15.6 | | 8.6 | 10.3 | 104 | | 0.18 | 25 | | 9.58 | 12.74 | 6.82 |
| 29.5 | 0957 | 11.0 | | | 1.12 | 15.5 | | 8.6 | 10.3 | 104 | | 0.17 | 24 | | 9.59 | 12.74 | 6.83 |
| 29.5 | 0957 | 12.0 | | | 1.12 | 15.5 | | 8.6 | 10.4 | 104 | | 0.18 | 25 | | 9.60 | 12.74 | 6.83 |
| 29.5 | 0957 | 13.0 | | | 1.13 | 15.6 | | 8.6 | 10.3 | 104 | | 0.19 | 26 | | 9.60 | 12.74 | 6.84 |
| 29.5 | 0957 | 14.0 | | | 1.14 | 15.8 | | 8.6 | 10.3 | 104 | | 0.21 | 29 | | 9.62 | 12.74 | 6.85 |
| 29.5 | 0957 | 15.0 | | | 1.16 | 16.0 | | 8.6 | 10.3 | 104 | | 0.23 | 31 | | 9.61 | 12.74 | 6.85 |
| 29.5 | 0957 | 16.0 | | | 1.16 | 16.0 | | 8.6 | 10.3 | 103 | | 0.24 | 33 | | 9.62 | 12.74 | 6.85 |
| 29.0 | 1012 | 1.0 | | | 1.35 | 18.9 | | 8.6 | 10.2 | 103 | | 0.11 | 15 | 1.7 | 9.71 | 12.69 | 6.93 |
| 29.0 | 1012 | 2.0 | | | 1.29 | 17.9 | | 8.7 | 10.4 | 105 | | 0.10 | 14 | | 9.74 | 12.70 | 6.95 |
| 29.0 | 1012 | 3.0 | | | 1.15 | 15.9 | | 8.7 | 10.4 | 105 | | 0.12 | 17 | | 9.80 | 12.72 | 6.99 |
| 29.0 | 1012 | 4.0 | | | 1.07 | 14.7 | | 8.7 | 10.4 | 104 | | 0.13 | 18 | | 9.83 | 12.73 | 7.01 |
| 29.0 | 1012 | 5.0 | | | 1.03 | 14.2 | | 8.7 | 10.4 | 105 | | 0.13 | 19 | | 9.84 | 12.74 | 7.02 |
| 29.0 | 1012 | 6.0 | | | 1.05 | 14.4 | | 8.7 | 10.4 | 105 | | 0.15 | 21 | | 9.86 | 12.74 | 7.04 |
| 29.0 | 1012 | 7.0 | | | 1.10 | 15.1 | | 8.7 | 10.4 | 105 | | 0.15 | 21 | | 9.87 | 12.74 | 7.05 |
| 29.0 | 1012 | 8.0 | | | 1.14 | 15.8 | | 8.7 | 10.4 | 105 | | 0.16 | 22 | | 9.89 | 12.75 | 7.06 |
| 29.0 | 1012 | 9.0 | | | 1.16 | 16.1 | | 8.6 | 10.4 | 104 | | 0.17 | 24 | | 9.93 | 12.75 | 7.09 |
| 29.0 | 1012 | 10.0 | | | 1.15 | 15.9 | | 8.7 | 10.4 | 105 | | 0.18 | 25 | | 9.94 | 12.75 | 7.10 |
| 29.0 | 1012 | 11.0 | | | 1.14 | 15.8 | | 8.6 | 10.4 | 104 | | 0.19 | 27 | | 9.98 | 12.75 | 7.13 |
| 29.0 | 1012 | 12.0 | | | 1.12 | 15.5 | | 8.6 | 10.3 | 104 | | 0.20 | 28 | | 10.08 | 12.75 | 7.21 |
| 29.0 | 1012 | 13.0 | | | 1.08 | 14.9 | | 8.6 | 10.3 | 103 | | 0.22 | 30 | | 10.19 | 12.74 | 7.29 |
| 29.0 | 1012 | 14.0 | | | 1.05 | 14.5 | | 8.6 | 10.2 | 103 | | 0.25 | 34 | | 10.26 | 12.74 | 7.35 |
| 29.0 | 1012 | 15.0 | | | 1.06 | 14.7 | | 8.6 | 10.2 | 103 | | 0.25 | 35 | | 10.31 | 12.73 | 7.38 |
| 28.0 | 1030 | 1.0 | | | 1.77 | 25.0 | | 8.9 | 10.8 | 108 | | 0.09 | 13 | 1.8 | 9.80 | 12.69 | 6.99 |
| 28.0 | 1030 | 2.0 | | | 1.68 | 23.7 | | 8.9 | 10.9 | 110 | | 0.09 | 13 | | 9.81 | 12.70 | 7.01 |
| 28.0 | 1030 | 3.0 | | | 1.40 | 19.6 | | 8.9 | 10.8 | 108 | | 0.09 | 13 | | 9.87 | 12.70 | 7.05 |
| 28.0 | 1030 | 4.0 | | | 1.23 | 17.1 | | 8.8 | 10.7 | 108 | | 0.09 | 13 | | 9.91 | 12.70 | 7.08 |
| 28.0 | 1030 | 5.0 | | | 1.11 | 15.4 | | 8.8 | 10.7 | 108 | | 0.09 | 13 | | 9.97 | 12.71 | 7.12 |
| 28.0 | 1030 | 6.0 | | | 1.06 | 14.6 | | 8.8 | 10.6 | 107 | | 0.09 | 12 | | 10.05 | 12.73 | 7.18 |
| 28.0 | 1030 | 7.0 | | | 1.04 | 14.3 | | 8.7 | 10.6 | 106 | | 0.09 | 13 | | 10.12 | 12.75 | 7.24 |
| 28.0 | 1030 | 8.0 | | | 0.99 | 13.6 | | 8.7 | 10.5 | 106 | | 0.09 | 13 | | 10.28 | 12.73 | 7.36 |
| 28.0 | 1030 | 9.0 | | | 0.91 | 12.4 | | 8.6 | 10.4 | 105 | | 0.10 | 14 | | 10.42 | 12.71 | 7.47 |
| 28.0 | 1030 | 10.0 | | | 0.83 | 11.3 | | 8.6 | 10.2 | 103 | | 0.11 | 16 | | 10.64 | 12.68 | 7.65 |

South San Francisco Bay March 5, 1998 98064

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 28.0 | 1030 | 11.0 | | | 0.79 | 10.6 | | 8.5 | 10.1 | 102 | | 0.15 | 21 | | 10.83 | 12.66 | 7.80 |
| 28.0 | 1030 | 12.0 | | | 0.77 | 10.3 | | 8.4 | 10.0 | 101 | | 0.20 | 28 | | 10.91 | 12.66 | 7.85 |
| 28.0 | 1030 | 13.0 | | | 0.75 | 10.1 | | 8.4 | 9.9 | 100 | | 0.24 | 33 | | 10.95 | 12.66 | 7.89 |
| 28.0 | 1030 | 14.0 | | | 0.75 | 10.1 | | 8.4 | 9.8 | 99 | | 0.27 | 37 | | 11.01 | 12.65 | 7.93 |
| 28.0 | 1030 | 15.0 | | | 0.75 | 10.1 | | 8.3 | 9.8 | 99 | | 0.30 | 42 | | 11.05 | 12.65 | 7.97 |
| 27.0 | 1043 | 1.0 | | | 1.78 | 25.2 | | 9.0 | 11.0 | 110 | | 0.08 | 12 | 1.7 | 9.96 | 12.66 | 7.12 |
| 27.0 | 1043 | 2.0 | 30.0 | 0.89 | 1.81 | 25.6 | 11.0 | 9.0 | 11.0 | 110 | 12.3 | 0.08 | 12 | | 9.95 | 12.66 | 7.11 |
| 27.0 | 1043 | 3.0 | | | 1.63 | 23.0 | | 9.0 | 11.1 | 111 | | 0.08 | 12 | | 9.94 | 12.66 | 7.11 |
| 27.0 | 1043 | 4.0 | | | 1.28 | 17.8 | | 8.9 | 10.9 | 109 | | 0.08 | 12 | | 10.15 | 12.69 | 7.27 |
| 27.0 | 1043 | 5.0 | | | 1.02 | 14.0 | | 8.9 | 10.8 | 109 | | 0.08 | 12 | | 10.30 | 12.67 | 7.39 |
| 27.0 | 1043 | 6.0 | | | 0.81 | 11.0 | | 8.8 | 10.6 | 107 | | 0.08 | 12 | | 10.63 | 12.65 | 7.64 |
| 27.0 | 1043 | 7.0 | | | 0.67 | 8.9 | | 8.5 | 10.1 | 102 | | 0.11 | 16 | | 11.16 | 12.65 | 8.05 |
| 27.0 | 1043 | 8.0 | | | 0.62 | 8.1 | | 8.4 | 9.9 | 100 | | 0.12 | 17 | | 11.42 | 12.62 | 8.26 |
| 27.0 | 1043 | 9.0 | | | 0.56 | 7.3 | | 8.3 | 9.7 | 99 | | 0.11 | 16 | | 11.87 | 12.59 | 8.61 |
| 27.0 | 1043 | 10.0 | | | 0.50 | 6.3 | | 8.2 | 9.5 | 96 | | 0.10 | 14 | | 12.54 | 12.60 | 9.12 |
| 27.0 | 1043 | 11.0 | | | 0.42 | 5.2 | | 8.1 | 9.3 | 95 | | 0.10 | 15 | | 13.14 | 12.61 | 9.58 |
| 27.0 | 1043 | 12.0 | 4.9 | 0.79 | 0.42 | 5.2 | | 8.0 | 9.2 | 95 | | 0.12 | 17 | | 14.03 | 12.68 | 10.26 |
| 26.0 | 1056 | 1.0 | | | 1.32 | 18.4 | | 9.1 | 11.2 | 112 | | 0.08 | 11 | 1.5 | 10.32 | 12.58 | 7.42 |
| 26.0 | 1056 | 2.0 | | | 1.21 | 16.8 | | 9.0 | 11.0 | 111 | | 0.07 | 10 | | 10.47 | 12.57 | 7.53 |
| 26.0 | 1056 | 3.0 | | | 0.96 | 13.1 | | 8.9 | 10.9 | 109 | | 0.07 | 10 | | 10.70 | 12.54 | 7.72 |
| 26.0 | 1056 | 4.0 | | | 0.72 | 9.6 | | 8.9 | 10.8 | 109 | | 0.06 | 10 | | 11.15 | 12.49 | 8.07 |
| 26.0 | 1056 | 5.0 | | | 0.54 | 6.9 | | 8.7 | 10.6 | 107 | | 0.06 | 9 | | 11.67 | 12.52 | 8.46 |
| 26.0 | 1056 | 6.0 | | | 0.44 | 5.5 | | 8.5 | 10.1 | 102 | | 0.06 | 9 | | 12.23 | 12.56 | 8.89 |
| 26.0 | 1056 | 7.0 | | | 0.37 | 4.4 | | 8.3 | 9.7 | 99 | | 0.06 | 9 | | 12.81 | 12.59 | 9.33 |
| 26.0 | 1056 | 8.0 | | | 0.30 | 3.5 | | 8.0 | 9.2 | 95 | | 0.07 | 11 | | 14.03 | 12.68 | 10.26 |
| 26.0 | 1056 | 9.0 | | | 0.24 | 2.6 | | 7.7 | 8.5 | 90 | | 0.09 | 13 | | 16.67 | 12.83 | 12.27 |
| 26.0 | 1056 | 10.0 | | | 0.24 | 2.6 | | 7.7 | 8.5 | 90 | | 0.08 | 12 | | 18.05 | 12.85 | 13.33 |
| 25.0 | 1112 | 1.0 | | | 1.65 | 23.3 | | 8.9 | 10.8 | 109 | | 0.06 | 9 | 1.6 | 10.61 | 12.55 | 7.64 |
| 25.0 | 1112 | 2.0 | | | 1.46 | 20.4 | | 9.0 | 11.1 | 111 | | 0.07 | 10 | | 10.74 | 12.55 | 7.74 |
| 25.0 | 1112 | 3.0 | | | 1.04 | 14.3 | | 8.9 | 10.9 | 110 | | 0.06 | 9 | | 10.97 | 12.54 | 7.92 |
| 25.0 | 1112 | 4.0 | | | 0.72 | 9.6 | | 8.8 | 10.7 | 108 | | 0.06 | 9 | | 11.12 | 12.52 | 8.04 |
| 25.0 | 1112 | 5.0 | | | 0.49 | 6.2 | | 8.7 | 10.5 | 106 | | 0.06 | 9 | | 11.32 | 12.55 | 8.19 |
| 25.0 | 1112 | 6.0 | | | 0.34 | 4.1 | | 8.5 | 10.1 | 103 | | 0.05 | 8 | | 12.40 | 12.68 | 9.00 |
| 25.0 | 1112 | 7.0 | | | 0.27 | 3.0 | | 8.1 | 9.3 | 96 | | 0.05 | 8 | | 14.49 | 12.81 | 10.59 |
| 25.0 | 1112 | 8.0 | | | 0.28 | 3.2 | | 7.9 | 8.9 | 93 | | 0.07 | 11 | | 16.43 | 12.89 | 12.07 |
| 24.0 | 1126 | 1.0 | | | 0.90 | 12.3 | | 8.7 | 10.4 | 105 | | 0.05 | 8 | 1.2 | 11.44 | 12.34 | 8.31 |
| 24.0 | 1126 | 2.0 | 14.9 | 0.92 | 0.88 | 11.9 | 10.4 | 8.6 | 10.4 | 104 | 7.1 | 0.05 | 8 | | 11.44 | 12.34 | 8.31 |
| 24.0 | 1126 | 3.0 | | | 0.84 | 11.4 | | 8.6 | 10.3 | 104 | | 0.05 | 8 | | 11.44 | 12.34 | 8.31 |
| 24.0 | 1126 | 4.0 | | | 0.76 | 10.1 | | 8.6 | 10.2 | 103 | | 0.05 | 8 | | 11.45 | 12.34 | 8.32 |

South San Francisco Bay March 5, 1998 98064

| 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 | 1126 | 5.0 | | | 0.59 | 7.7 | | 8.7 | 10.4 | 105 | | 0.05 | 8 | | 11.49 | 12.36 | 8.35 |
| 24.0 | 1126 | 6.0 | | | 0.40 | 4.9 | | 8.6 | 10.3 | 104 | | 0.05 | 7 | | 11.89 | 12.54 | 8.63 |
| 24.0 | 1126 | 7.0 | | | 0.29 | 3.3 | | 8.0 | 9.2 | 96 | | 0.05 | 7 | | 15.51 | 12.79 | 11.38 |
| 24.0 | 1126 | 8.0 | | | 0.24 | 2.5 | | 7.6 | 8.4 | 89 | | 0.07 | 10 | | 17.62 | 12.88 | 12.99 |
| 24.0 | 1126 | 9.0 | | | 0.22 | 2.2 | | 7.5 | 8.2 | 87 | | 0.07 | 10 | | 17.94 | 12.90 | 13.24 |
| 24.0 | 1126 | 10.0 | 2.4 | 0.87 | 0.22 | 2.2 | | 7.6 | 8.3 | 88 | | 0.08 | 11 | | 18.02 | 12.90 | 13.30 |
| 23.0 | 1141 | 1.0 | | | 1.09 | 15.0 | | 8.9 | 10.8 | 109 | | 0.05 | 7 | 1.1 | 11.10 | 12.21 | 8.07 |
| 23.0 | 1141 | 2.0 | | | 1.07 | 14.8 | | 8.9 | 10.8 | 109 | | 0.05 | 7 | | 11.10 | 12.21 | 8.07 |
| 23.0 | 1141 | 3.0 | | | 1.06 | 14.6 | | 8.9 | 10.8 | 108 | | 0.05 | 7 | | 11.10 | 12.21 | 8.07 |
| 23.0 | 1141 | 4.0 | | | 1.05 | 14.4 | | 8.9 | 10.8 | 108 | | 0.05 | 7 | | 11.10 | 12.20 | 8.07 |
| 23.0 | 1141 | 5.0 | | | 1.00 | 13.7 | | 8.9 | 10.9 | 109 | | 0.05 | 7 | | 11.11 | 12.20 | 8.08 |
| 23.0 | 1141 | 6.0 | | | 0.76 | 10.2 | | 9.0 | 11.0 | 111 | | 0.04 | 7 | | 11.24 | 12.23 | 8.18 |
| 23.0 | 1141 | 7.0 | | | 0.50 | 6.4 | | 8.7 | 10.4 | 106 | | 0.05 | 7 | | 12.10 | 12.47 | 8.81 |
| 23.0 | 1141 | 8.0 | | | 0.40 | 4.9 | | 8.6 | 10.3 | 104 | | 0.05 | 8 | | 12.30 | 12.54 | 8.95 |
| 23.0 | 1141 | 9.0 | | | 0.34 | 4.1 | | 8.2 | 9.6 | 99 | | 0.06 | 10 | | 14.03 | 12.68 | 10.26 |
| 23.0 | 1141 | 10.0 | | | 0.31 | 3.5 | | 7.8 | 8.8 | 92 | | 0.08 | 12 | | 15.87 | 12.78 | 11.66 |
| 23.0 | 1141 | 11.0 | | | 0.29 | 3.3 | | 7.7 | 8.5 | 89 | | 0.13 | 19 | | 16.42 | 12.81 | 12.07 |
| 23.0 | 1141 | 12.0 | | | 0.27 | 3.0 | | 7.6 | 8.3 | 88 | | 0.17 | 23 | | 17.02 | 12.85 | 12.53 |
| 23.0 | 1141 | 13.0 | | | 0.24 | 2.5 | | 7.4 | 8.0 | 85 | | 0.15 | 21 | | 18.61 | 12.93 | 13.75 |
| 23.0 | 1141 | 14.0 | | | 0.21 | 2.1 | | 7.4 | 7.9 | 85 | | 0.12 | 16 | | 19.44 | 12.99 | 14.38 |
| 23.0 | 1141 | 15.0 | | | 0.21 | 2.1 | | 7.0 | 7.3 | 81 | | 0.10 | 15 | | 24.42 | 13.28 | 18.16 |
| 22.0 | 1200 | 1.0 | | | 0.55 | 7.1 | | 8.3 | 9.6 | 97 | | 0.05 | 7 | 1.1 | 11.23 | 12.18 | 8.17 |
| 22.0 | 1200 | 2.0 | | | 0.53 | 6.8 | | 8.3 | 9.8 | 98 | | 0.05 | 7 | | 11.24 | 12.19 | 8.18 |
| 22.0 | 1200 | 3.0 | | | 0.47 | 5.9 | | 8.4 | 9.9 | 100 | | 0.05 | 7 | | 11.46 | 12.27 | 8.34 |
| 22.0 | 1200 | 4.0 | | | 0.42 | 5.3 | | 8.5 | 10.0 | 101 | | 0.04 | 7 | | 11.66 | 12.37 | 8.48 |
| 22.0 | 1200 | 5.0 | | | 0.40 | 4.9 | | 8.5 | 10.0 | 101 | | 0.04 | 7 | | 11.99 | 12.42 | 8.72 |
| 22.0 | 1200 | 6.0 | | | 0.38 | 4.6 | | 8.4 | 9.9 | 100 | | 0.05 | 7 | | 12.72 | 12.47 | 9.28 |
| 22.0 | 1200 | 7.0 | | | 0.36 | 4.3 | | 8.3 | 9.7 | 100 | | 0.07 | 10 | | 13.45 | 12.57 | 9.83 |
| 22.0 | 1200 | 8.0 | | | 0.35 | 4.1 | | 8.1 | 9.3 | 97 | | 0.08 | 12 | | 14.70 | 12.68 | 10.77 |
| 22.0 | 1200 | 9.0 | | | 0.32 | 3.7 | | 7.9 | 8.9 | 93 | | 0.10 | 14 | | 15.76 | 12.77 | 11.57 |
| 22.0 | 1200 | 10.0 | | | 0.27 | 2.9 | | 7.7 | 8.6 | 91 | | 0.11 | 15 | | 16.32 | 12.80 | 12.01 |
| 22.0 | 1200 | 11.0 | | | 0.23 | 2.3 | | 7.5 | 8.2 | 87 | | 0.11 | 15 | | 18.31 | 12.91 | 13.52 |
| 22.0 | 1200 | 12.0 | | | 0.21 | 2.1 | | 7.4 | 8.0 | 85 | | 0.10 | 15 | | 18.76 | 12.93 | 13.86 |
| 22.0 | 1200 | 13.0 | | | 0.20 | 2.0 | | 7.3 | 7.9 | 84 | | 0.11 | 15 | | 19.13 | 12.95 | 14.15 |
| 22.0 | 1200 | 14.0 | | | 0.19 | 1.8 | | 7.3 | 7.8 | 84 | | 0.11 | 15 | | 19.99 | 13.01 | 14.80 |
| 22.0 | 1200 | 15.0 | | | 0.17 | 1.5 | | 7.1 | 7.4 | 82 | | 0.10 | 15 | | 22.28 | 13.28 | 16.51 |
| 22.0 | 1200 | 16.0 | | | 0.16 | 1.3 | | 6.9 | 7.0 | 79 | | 0.10 | 15 | | 25.79 | 13.39 | 19.20 |
| 22.0 | 1200 | 17.0 | | | 0.16 | 1.3 | | 6.8 | 6.9 | 78 | | 0.12 | 17 | | 27.33 | 13.45 | 20.38 |
| 21.0 | 1215 | 1.0 | | | 1.13 | 15.6 | | 9.2 | 11.4 | 115 | | 0.05 | 8 | 1.3 | 11.16 | 12.35 | 8.09 |
| 21.0 | 1215 | 2.0 | 17.5 | 0.85 | 1.05 | 14.5 | 11.2 | 9.1 | 11.3 | 114 | 7.5 | 0.05 | 8 | | 11.27 | 12.39 | 8.18 |

South San Francisco Bay March 5, 1998 98064

| 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 | 1215 | 3.0 | | | 0.91 | 12.4 | | 9.1 | 11.1 | 112 | | 0.06 | 8 | | 11.37 | 12.41 | 8.25 |
| 21.0 | 1215 | 4.0 | | | 0.78 | 10.4 | | 9.0 | 11.0 | 111 | | 0.06 | 9 | | 11.47 | 12.43 | 8.32 |
| 21.0 | 1215 | 5.0 | | | 0.70 | 9.2 | | 8.9 | 10.9 | 110 | | 0.07 | 10 | | 11.61 | 12.44 | 8.43 |
| 21.0 | 1215 | 6.0 | | | 0.65 | 8.6 | | 8.8 | 10.7 | 109 | | 0.08 | 11 | | 11.97 | 12.45 | 8.71 |
| 21.0 | 1215 | 7.0 | | | 0.67 | 8.9 | | 8.7 | 10.5 | 107 | | 0.09 | 14 | | 12.54 | 12.51 | 9.13 |
| 21.0 | 1215 | 8.0 | | | 0.72 | 9.6 | | 8.6 | 10.2 | 104 | | 0.11 | 16 | | 13.06 | 12.58 | 9.53 |
| 21.0 | 1215 | 9.0 | | | 0.78 | 10.4 | | 8.4 | 9.9 | 102 | | 0.12 | 18 | | 13.56 | 12.65 | 9.90 |
| 21.0 | 1215 | 10.0 | | | 0.78 | 10.5 | | 8.3 | 9.7 | 100 | | 0.14 | 19 | | 13.93 | 12.67 | 10.18 |
| 21.0 | 1215 | 11.0 | | | 0.66 | 8.8 | | 8.2 | 9.5 | 98 | | 0.14 | 20 | | 14.60 | 12.68 | 10.70 |
| 21.0 | 1215 | 12.0 | | | 0.52 | 6.6 | | 7.9 | 9.0 | 95 | | 0.14 | 20 | | 16.22 | 12.83 | 11.92 |
| 21.0 | 1215 | 13.0 | | | 0.42 | 5.1 | | 7.7 | 8.5 | 90 | | 0.15 | 22 | | 17.82 | 12.87 | 13.15 |
| 21.0 | 1215 | 14.0 | | | 0.35 | 4.1 | | 7.6 | 8.4 | 89 | | 0.16 | 22 | | 18.10 | 12.87 | 13.37 |
| 21.0 | 1215 | 15.0 | | | 0.30 | 3.3 | | 7.5 | 8.2 | 87 | | 0.14 | 20 | | 18.71 | 12.91 | 13.83 |
| 21.0 | 1215 | 16.0 | | | 0.25 | 2.6 | | 7.4 | 8.0 | 85 | | 0.14 | 20 | | 19.66 | 13.00 | 14.54 |
| 21.0 | 1215 | 17.0 | 2.8 | 0.75 | 0.25 | 2.7 | | 7.3 | 7.8 | 84 | | 0.15 | 21 | | 20.90 | 13.12 | 15.48 |

| | n | r^2 | Slope | Inter. | Std. Err. |
|---|---|---|---|---|---|
| Fluorometer Calibration: | 12 | 0.914 | 14.701 | -0.991 | 2.381 |
| OBS Calibration: | 6 | 0.993 | 134.200 | 0.869 | 1.148 |
| Dissolved Oxygen Calibration: | 6 | 0.989 | 1.886 | -5.943 | 0.079 |

SeaBird v4.026

South San Francisco Bay March 12, 1998 98071

| 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 | 1421 | 1.0 | | | 6.13 | 80.0 | | 12.9 | 13.9 | 146 | | 0.36 | 66 | 5.2 | 10.92 | 14.40 | 7.59 |
| 36.0 | 1421 | 2.0 | 81.7 | 0.84 | 5.68 | 73.8 | 12.8 | 12.8 | 13.8 | 144 | 64.6 | 0.33 | 60 | | 11.13 | 14.32 | 7.76 |
| 36.0 | 1421 | 3.0 | | | 5.05 | 65.1 | | 12.7 | 13.7 | 144 | | 0.32 | 57 | | 11.30 | 14.26 | 7.91 |
| 36.0 | 1421 | 4.0 | | | 4.55 | 58.1 | | 12.7 | 13.7 | 143 | | 0.29 | 53 | | 11.39 | 14.24 | 7.98 |
| 36.0 | 1421 | 5.0 | | | 4.31 | 54.9 | | 12.6 | 13.6 | 143 | | 0.27 | 48 | | 11.54 | 14.19 | 8.10 |
| 36.0 | 1421 | 6.0 | | | 4.27 | 54.4 | | 12.6 | 13.5 | 142 | | 0.26 | 46 | | 11.65 | 14.15 | 8.19 |
| 36.0 | 1421 | 7.0 | 53.2 | 0.92 | 4.29 | 54.5 | | 12.6 | 13.6 | 142 | | 0.25 | 46 | | 11.70 | 14.14 | 8.24 |
| 35.0 | 1411 | 1.0 | | | 8.25 | 109.3 | | 14.8 | 16.1 | 170 | | 0.35 | 64 | 4.5 | 9.94 | 15.02 | 6.74 |
| 35.0 | 1411 | 2.0 | | | 7.27 | 95.7 | | 13.9 | 15.0 | 158 | | 0.36 | 66 | | 11.24 | 14.42 | 7.83 |
| 35.0 | 1411 | 3.0 | | | 5.81 | 75.5 | | 13.5 | 14.6 | 154 | | 0.36 | 65 | | 11.67 | 14.28 | 8.19 |
| 35.0 | 1411 | 4.0 | | | 5.28 | 68.2 | | 13.3 | 14.4 | 151 | | 0.28 | 51 | | 11.80 | 14.23 | 8.29 |
| 35.0 | 1411 | 5.0 | | | 5.10 | 65.8 | | 13.1 | 14.1 | 148 | | 0.24 | 43 | | 11.85 | 14.15 | 8.35 |
| 35.0 | 1411 | 6.0 | | | 4.65 | 59.6 | | 12.8 | 13.8 | 144 | | 0.24 | 43 | | 11.99 | 14.05 | 8.47 |
| 35.0 | 1411 | 7.0 | | | 4.13 | 52.4 | | 12.6 | 13.6 | 142 | | 0.23 | 41 | | 12.16 | 13.98 | 8.61 |
| 35.0 | 1411 | 8.0 | | | 4.17 | 52.9 | | 12.8 | 13.7 | 144 | | 0.22 | 40 | | 12.20 | 13.96 | 8.65 |
| 34.0 | 1356 | 1.0 | | | 10.00 | 133.3 | | 15.4 | 16.7 | 177 | | 0.36 | 65 | 5.5 | 11.62 | 14.57 | 8.10 |
| 34.0 | 1356 | 2.0 | | | 9.94 | 132.6 | | 14.7 | 16.0 | 169 | | 0.35 | 64 | | 11.31 | 14.70 | 7.84 |
| 34.0 | 1356 | 3.0 | | | 9.21 | 122.5 | | 13.9 | 15.0 | 158 | | 0.35 | 64 | | 11.94 | 14.26 | 8.40 |
| 34.0 | 1356 | 4.0 | | | 8.26 | 109.3 | | 13.2 | 14.3 | 150 | | 0.35 | 64 | | 12.15 | 14.09 | 8.59 |
| 34.0 | 1356 | 5.0 | | | 8.13 | 107.6 | | 12.8 | 13.8 | 144 | | 0.34 | 63 | | 12.29 | 13.97 | 8.72 |
| 34.0 | 1356 | 6.0 | | | 8.96 | 119.0 | | 12.5 | 13.5 | 141 | | 0.35 | 63 | | 12.42 | 13.89 | 8.83 |
| 34.0 | 1356 | 7.0 | | | 9.86 | 131.5 | | 12.4 | 13.3 | 139 | | 0.41 | 74 | | 12.45 | 13.87 | 8.85 |
| 34.0 | 1356 | 8.0 | | | 9.73 | 129.7 | | 12.4 | 13.3 | 139 | | 0.56 | 103 | | 12.45 | 13.87 | 8.86 |
| 33.0 | 1338 | 1.0 | | | 7.13 | 93.8 | | 15.1 | 16.3 | 172 | | 0.25 | 44 | 4.3 | 11.77 | 14.41 | 8.24 |
| 33.0 | 1338 | 2.0 | | | 6.52 | 85.4 | | 14.1 | 15.2 | 160 | | 0.24 | 42 | | 12.20 | 14.16 | 8.62 |
| 33.0 | 1338 | 3.0 | | | 5.58 | 72.3 | | 13.3 | 14.4 | 151 | | 0.22 | 39 | | 12.67 | 13.91 | 9.02 |
| 33.0 | 1338 | 4.0 | | | 4.74 | 60.8 | | 12.8 | 13.8 | 145 | | 0.21 | 37 | | 12.84 | 13.83 | 9.16 |
| 33.0 | 1338 | 5.0 | | | 3.95 | 49.9 | | 12.4 | 13.4 | 140 | | 0.20 | 35 | | 13.08 | 13.72 | 9.36 |
| 33.0 | 1338 | 6.0 | | | 3.49 | 43.6 | | 12.2 | 13.1 | 137 | | 0.19 | 34 | | 13.21 | 13.67 | 9.47 |
| 33.0 | 1338 | 7.0 | | | 3.49 | 43.6 | | 12.0 | 12.9 | 135 | | 0.19 | 33 | | 13.29 | 13.64 | 9.53 |
| 33.0 | 1338 | 8.0 | | | 3.96 | 50.1 | | 11.9 | 12.7 | 133 | | 0.19 | 33 | | 13.41 | 13.60 | 9.63 |
| 33.0 | 1338 | 9.0 | | | 4.99 | 64.3 | | 11.8 | 12.6 | 132 | | 0.21 | 38 | | 13.46 | 13.58 | 9.68 |
| 33.0 | 1338 | 10.0 | | | 5.86 | 76.3 | | 11.7 | 12.6 | 132 | | 0.27 | 48 | | 13.51 | 13.57 | 9.72 |
| 33.0 | 1338 | 11.0 | | | 6.89 | 90.5 | | 11.7 | 12.5 | 131 | | 0.31 | 55 | | 13.55 | 13.56 | 9.75 |
| 33.0 | 1338 | 12.0 | | | 8.79 | 116.7 | | 11.6 | 12.4 | 130 | | 0.36 | 65 | | 13.61 | 13.54 | 9.80 |
| 33.0 | 1338 | 13.0 | | | 8.86 | 117.7 | | 11.7 | 12.5 | 131 | | 0.43 | 78 | | 13.63 | 13.54 | 9.81 |
| 32.0 | 1325 | 1.0 | | | 6.72 | 88.1 | | 13.2 | 14.2 | 149 | | 0.32 | 58 | 4.1 | 12.19 | 14.11 | 8.61 |
| 32.0 | 1325 | 2.0 | 70.3 | 0.86 | 6.30 | 82.4 | 13.2 | 12.9 | 13.9 | 146 | 49.4 | 0.31 | 56 | | 12.51 | 14.00 | 8.87 |
| 32.0 | 1325 | 3.0 | | | 5.03 | 64.8 | | 12.3 | 13.3 | 139 | | 0.28 | 51 | | 13.03 | 13.80 | 9.31 |

South San Francisco Bay | March 12, 1998 | 98071

| 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 | 1325 | 4.0 | | | 3.73 | 46.9 | | 11.9 | 12.8 | 134 | | 0.26 | 47 | | 13.72 | 13.55 | 9.88 |
| 32.0 | 1325 | 5.0 | | | 3.25 | 40.3 | | 11.8 | 12.6 | 132 | | 0.21 | 38 | | 13.77 | 13.53 | 9.92 |
| 32.0 | 1325 | 6.0 | | | 3.10 | 38.1 | | 11.7 | 12.5 | 131 | | 0.19 | 33 | | 13.83 | 13.51 | 9.97 |
| 32.0 | 1325 | 7.0 | | | 2.95 | 36.1 | | 11.6 | 12.4 | 130 | | 0.17 | 31 | | 13.93 | 13.47 | 10.06 |
| 32.0 | 1325 | 8.0 | | | 2.95 | 36.1 | | 11.6 | 12.4 | 130 | | 0.17 | 29 | | 13.93 | 13.48 | 10.06 |
| 32.0 | 1325 | 9.0 | | | 2.96 | 36.2 | | 11.5 | 12.3 | 129 | | 0.16 | 28 | | 13.94 | 13.47 | 10.06 |
| 32.0 | 1325 | 10.0 | | | 2.85 | 34.7 | | 11.5 | 12.3 | 129 | | 0.16 | 28 | | 13.96 | 13.46 | 10.08 |
| 32.0 | 1325 | 11.0 | | | 2.80 | 34.0 | | 11.4 | 12.2 | 128 | | 0.16 | 27 | | 13.97 | 13.46 | 10.09 |
| 32.0 | 1325 | 12.0 | 34.4 | 0.86 | 3.08 | 37.8 | | 11.4 | 12.2 | 128 | | 0.15 | 26 | | 13.99 | 13.45 | 10.10 |
| 32.0 | 1325 | 13.0 | | | 4.96 | 63.9 | | 11.3 | 12.1 | 127 | | 0.15 | 27 | | 14.02 | 13.44 | 10.13 |
| 32.0 | 1325 | 14.0 | | | 5.40 | 69.9 | | 11.4 | 12.2 | 128 | | 0.16 | 29 | | 14.03 | 13.43 | 10.14 |
| 31.0 | 1309 | 1.0 | | | 4.62 | 59.1 | | 13.3 | 14.4 | 151 | | 0.15 | 26 | 2.4 | 13.42 | 13.73 | 9.62 |
| 31.0 | 1309 | 2.0 | | | 4.37 | 55.7 | | 12.8 | 13.7 | 144 | | 0.15 | 27 | | 13.54 | 13.64 | 9.73 |
| 31.0 | 1309 | 3.0 | | | 3.74 | 47.0 | | 12.4 | 13.3 | 139 | | 0.17 | 31 | | 13.72 | 13.57 | 9.88 |
| 31.0 | 1309 | 4.0 | | | 3.04 | 37.3 | | 12.1 | 13.0 | 136 | | 0.18 | 32 | | 13.98 | 13.49 | 10.09 |
| 31.0 | 1309 | 5.0 | | | 2.63 | 31.7 | | 11.9 | 12.8 | 134 | | 0.17 | 29 | | 14.08 | 13.47 | 10.17 |
| 31.0 | 1309 | 6.0 | | | 2.49 | 29.8 | | 11.8 | 12.6 | 133 | | 0.14 | 25 | | 14.11 | 13.46 | 10.20 |
| 31.0 | 1309 | 7.0 | | | 2.38 | 28.2 | | 11.7 | 12.5 | 132 | | 0.13 | 23 | | 14.17 | 13.44 | 10.24 |
| 31.0 | 1309 | 8.0 | | | 2.34 | 27.8 | | 11.6 | 12.4 | 130 | | 0.12 | 21 | | 14.23 | 13.41 | 10.30 |
| 31.0 | 1309 | 9.0 | | | 2.41 | 28.7 | | 11.5 | 12.3 | 129 | | 0.12 | 20 | | 14.26 | 13.40 | 10.32 |
| 31.0 | 1309 | 10.0 | | | 2.46 | 29.4 | | 11.5 | 12.3 | 129 | | 0.12 | 21 | | 14.28 | 13.40 | 10.34 |
| 31.0 | 1309 | 11.0 | | | 2.41 | 28.6 | | 11.4 | 12.2 | 128 | | 0.13 | 22 | | 14.30 | 13.39 | 10.36 |
| 31.0 | 1309 | 12.0 | | | 2.35 | 27.8 | | 11.4 | 12.2 | 127 | | 0.13 | 23 | | 14.33 | 13.38 | 10.38 |
| 31.0 | 1309 | 13.0 | | | 2.46 | 29.3 | | 11.3 | 12.1 | 127 | | 0.13 | 23 | | 14.36 | 13.37 | 10.40 |
| 31.0 | 1309 | 14.0 | | | 2.55 | 30.7 | | 11.3 | 12.1 | 127 | | 0.14 | 24 | | 14.36 | 13.37 | 10.41 |
| 31.0 | 1309 | 15.0 | | | 2.52 | 30.2 | | 11.4 | 12.2 | 128 | | 0.14 | 25 | | 14.37 | 13.37 | 10.41 |
| 30.0 | 1250 | 1.0 | | | 5.63 | 73.0 | | 13.4 | 14.4 | 152 | | 0.20 | 35 | 3.4 | 13.45 | 13.80 | 9.63 |
| 30.0 | 1250 | 2.0 | 80.5 | 0.77 | 5.03 | 64.8 | 15.3 | 12.8 | 13.8 | 145 | 41.2 | 0.18 | 32 | | 13.75 | 13.66 | 9.89 |
| 30.0 | 1250 | 3.0 | | | 4.62 | 59.1 | | 12.5 | 13.4 | 141 | | 0.17 | 30 | | 13.84 | 13.62 | 9.96 |
| 30.0 | 1250 | 4.0 | | | 3.94 | 49.8 | | 11.9 | 12.8 | 134 | | 0.16 | 29 | | 14.10 | 13.51 | 10.18 |
| 30.0 | 1250 | 5.0 | | | 3.35 | 41.6 | | 11.5 | 12.3 | 129 | | 0.16 | 28 | | 14.52 | 13.35 | 10.53 |
| 30.0 | 1250 | 6.0 | | | 3.14 | 38.8 | | 11.2 | 11.9 | 125 | | 0.14 | 25 | | 14.72 | 13.27 | 10.69 |
| 30.0 | 1250 | 7.0 | | | 2.99 | 36.6 | | 11.0 | 11.8 | 123 | | 0.14 | 24 | | 14.85 | 13.23 | 10.80 |
| 30.0 | 1250 | 8.0 | | | 2.77 | 33.7 | | 10.9 | 11.6 | 122 | | 0.14 | 24 | | 14.89 | 13.21 | 10.84 |
| 30.0 | 1250 | 9.0 | | | 2.53 | 30.4 | | 10.8 | 11.5 | 121 | | 0.14 | 24 | | 14.92 | 13.19 | 10.86 |
| 30.0 | 1250 | 10.0 | | | 2.42 | 28.8 | | 10.7 | 11.4 | 120 | | 0.14 | 24 | | 14.95 | 13.18 | 10.89 |
| 30.0 | 1250 | 11.0 | | | 2.49 | 29.7 | | 10.7 | 11.4 | 119 | | 0.14 | 24 | | 14.96 | 13.18 | 10.90 |
| 30.0 | 1250 | 12.0 | | | 2.58 | 31.0 | | 10.6 | 11.3 | 119 | | 0.14 | 24 | | 14.97 | 13.17 | 10.90 |
| 30.0 | 1250 | 13.0 | | | 2.52 | 30.2 | | 10.6 | 11.3 | 118 | | 0.14 | 25 | | 14.99 | 13.16 | 10.92 |
| 30.0 | 1250 | 14.0 | 26.2 | 0.86 | 2.50 | 29.9 | | 10.7 | 11.4 | 119 | | 0.14 | 24 | | 15.01 | 13.16 | 10.94 |

South San Francisco Bay March 12, 1998 98071

| 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 | 1233 | 1.0 | | | 4.23 | 53.7 | | 13.7 | 14.8 | 156 | | 0.09 | 16 | 1.8 | 13.82 | 13.77 | 9.92 |
| 29.5 | 1233 | 2.0 | | | 4.31 | 54.9 | | 13.4 | 14.4 | 152 | | 0.09 | 16 | | 13.90 | 13.65 | 10.01 |
| 29.5 | 1233 | 3.0 | | | 3.98 | 50.3 | | 12.9 | 13.9 | 146 | | 0.10 | 18 | | 14.01 | 13.58 | 10.10 |
| 29.5 | 1233 | 4.0 | | | 3.55 | 44.5 | | 12.3 | 13.2 | 139 | | 0.11 | 20 | | 14.28 | 13.47 | 10.32 |
| 29.5 | 1233 | 5.0 | | | 3.45 | 43.0 | | 12.0 | 12.8 | 135 | | 0.12 | 21 | | 14.46 | 13.40 | 10.47 |
| 29.5 | 1233 | 6.0 | | | 3.55 | 44.4 | | 11.7 | 12.6 | 132 | | 0.13 | 22 | | 14.59 | 13.37 | 10.58 |
| 29.5 | 1233 | 7.0 | | | 3.42 | 42.6 | | 11.3 | 12.1 | 127 | | 0.13 | 23 | | 14.79 | 13.30 | 10.74 |
| 29.5 | 1233 | 8.0 | | | 3.07 | 37.7 | | 10.9 | 11.6 | 122 | | 0.14 | 24 | | 15.12 | 13.15 | 11.02 |
| 29.5 | 1233 | 9.0 | | | 2.92 | 35.7 | | 10.7 | 11.4 | 119 | | 0.14 | 24 | | 15.32 | 13.10 | 11.18 |
| 29.5 | 1233 | 10.0 | | | 3.07 | 37.8 | | 10.6 | 11.3 | 118 | | 0.14 | 25 | | 15.35 | 13.10 | 11.20 |
| 29.5 | 1233 | 11.0 | | | 3.18 | 39.3 | | 10.5 | 11.2 | 118 | | 0.15 | 26 | | 15.35 | 13.10 | 11.21 |
| 29.5 | 1233 | 12.0 | | | 3.24 | 40.1 | | 10.5 | 11.2 | 117 | | 0.16 | 28 | | 15.35 | 13.11 | 11.20 |
| 29.5 | 1233 | 13.0 | | | 3.39 | 42.2 | | 10.5 | 11.2 | 117 | | 0.16 | 29 | | 15.35 | 13.11 | 11.21 |
| 29.5 | 1233 | 14.0 | | | 3.48 | 43.4 | | 10.4 | 11.1 | 117 | | 0.18 | 32 | | 15.37 | 13.11 | 11.22 |
| 29.5 | 1233 | 15.0 | | | 3.59 | 44.9 | | 10.4 | 11.1 | 116 | | 0.19 | 34 | | 15.38 | 13.10 | 11.23 |
| 29.5 | 1233 | 16.0 | | | 3.64 | 45.6 | | 10.4 | 11.0 | 116 | | 0.20 | 36 | | 15.41 | 13.09 | 11.26 |
| 29.5 | 1233 | 17.0 | | | 3.59 | 45.0 | | 10.4 | 11.1 | 116 | | 0.22 | 39 | | 15.45 | 13.08 | 11.29 |
| 29.0 | 1217 | 1.0 | | | 6.30 | 82.3 | | 14.8 | 16.1 | 171 | | 0.22 | 39 | 3.2 | 13.08 | 14.42 | 9.24 |
| 29.0 | 1217 | 2.0 | | | 6.23 | 81.3 | | 14.2 | 15.3 | 162 | | 0.22 | 40 | | 13.61 | 14.06 | 9.71 |
| 29.0 | 1217 | 3.0 | | | 5.60 | 72.7 | | 13.7 | 14.8 | 156 | | 0.22 | 39 | | 14.04 | 13.80 | 10.09 |
| 29.0 | 1217 | 4.0 | | | 5.02 | 64.7 | | 13.4 | 14.4 | 152 | | 0.21 | 37 | | 14.17 | 13.75 | 10.19 |
| 29.0 | 1217 | 5.0 | | | 4.69 | 60.1 | | 12.9 | 13.9 | 147 | | 0.18 | 31 | | 14.33 | 13.63 | 10.34 |
| 29.0 | 1217 | 6.0 | | | 4.37 | 55.7 | | 12.5 | 13.4 | 141 | | 0.17 | 29 | | 14.57 | 13.51 | 10.54 |
| 29.0 | 1217 | 7.0 | | | 3.76 | 47.3 | | 12.0 | 12.9 | 136 | | 0.16 | 28 | | 14.72 | 13.44 | 10.67 |
| 29.0 | 1217 | 8.0 | | | 2.96 | 36.3 | | 11.5 | 12.3 | 130 | | 0.16 | 28 | | 14.97 | 13.28 | 10.89 |
| 29.0 | 1217 | 9.0 | | | 2.56 | 30.8 | | 11.1 | 11.9 | 125 | | 0.14 | 25 | | 15.33 | 13.19 | 11.18 |
| 29.0 | 1217 | 10.0 | | | 2.53 | 30.3 | | 10.9 | 11.6 | 122 | | 0.14 | 24 | | 15.57 | 13.15 | 11.37 |
| 29.0 | 1217 | 11.0 | | | 2.59 | 31.2 | | 10.8 | 11.5 | 121 | | 0.13 | 23 | | 15.66 | 13.13 | 11.44 |
| 29.0 | 1217 | 12.0 | | | 2.75 | 33.4 | | 10.7 | 11.4 | 120 | | 0.14 | 25 | | 15.67 | 13.13 | 11.45 |
| 29.0 | 1217 | 13.0 | | | 2.92 | 35.7 | | 10.6 | 11.3 | 119 | | 0.16 | 28 | | 15.67 | 13.14 | 11.45 |
| 29.0 | 1217 | 14.0 | | | 3.03 | 37.3 | | 10.6 | 11.3 | 119 | | 0.18 | 31 | | 15.68 | 13.14 | 11.45 |
| 29.0 | 1217 | 15.0 | | | 3.27 | 40.5 | | 10.6 | 11.3 | 118 | | 0.21 | 37 | | 15.69 | 13.15 | 11.46 |
| 29.0 | 1217 | 16.0 | | | 3.32 | 41.2 | | 10.6 | 11.3 | 119 | | 0.23 | 42 | | 15.69 | 13.15 | 11.47 |
| 28.0 | 1157 | 1.0 | | | 2.76 | 33.4 | | 13.6 | 14.6 | 155 | | 0.07 | 11 | 1.5 | 13.95 | 13.88 | 10.00 |
| 28.0 | 1157 | 2.0 | | | 2.70 | 32.6 | | 12.8 | 13.8 | 146 | | 0.06 | 11 | | 14.09 | 13.73 | 10.14 |
| 28.0 | 1157 | 3.0 | | | 2.56 | 30.8 | | 12.1 | 13.0 | 137 | | 0.07 | 12 | | 14.64 | 13.42 | 10.61 |
| 28.0 | 1157 | 4.0 | | | 2.57 | 30.9 | | 11.6 | 12.4 | 131 | | 0.08 | 14 | | 14.99 | 13.35 | 10.89 |
| 28.0 | 1157 | 5.0 | | | 2.63 | 31.7 | | 11.3 | 12.1 | 127 | | 0.12 | 20 | | 15.25 | 13.27 | 11.10 |
| 28.0 | 1157 | 6.0 | | | 2.94 | 36.0 | | 11.1 | 11.9 | 125 | | 0.13 | 23 | | 15.35 | 13.25 | 11.18 |
| 28.0 | 1157 | 7.0 | | | 3.03 | 37.3 | | 10.9 | 11.7 | 123 | | 0.17 | 31 | | 15.43 | 13.22 | 11.25 |
| 28.0 | 1157 | 8.0 | | | 2.68 | 32.4 | | 10.7 | 11.4 | 121 | | 0.19 | 35 | | 15.77 | 13.18 | 11.52 |

South San Francisco Bay March 12, 1998 98071

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 28.0 | 1157 | 9.0 | | | 2.36 | 28.0 | | 10.6 | 11.3 | 119 | | 0.21 | 37 | | 15.97 | 13.17 | 11.68 |
| 28.0 | 1157 | 10.0 | | | 2.18 | 25.5 | | 10.5 | 11.2 | 118 | | 0.20 | 36 | | 16.04 | 13.17 | 11.73 |
| 28.0 | 1157 | 11.0 | | | 2.07 | 24.0 | | 10.5 | 11.2 | 118 | | 0.20 | 36 | | 16.10 | 13.17 | 11.77 |
| 28.0 | 1157 | 12.0 | | | 2.03 | 23.4 | | 10.4 | 11.1 | 117 | | 0.20 | 36 | | 16.16 | 13.18 | 11.82 |
| 28.0 | 1157 | 13.0 | | | 2.02 | 23.2 | | 10.4 | 11.1 | 117 | | 0.20 | 37 | | 16.17 | 13.18 | 11.83 |
| 28.0 | 1157 | 14.0 | | | 2.03 | 23.5 | | 10.4 | 11.1 | 117 | | 0.21 | 37 | | 16.17 | 13.18 | 11.82 |
| 28.0 | 1157 | 15.0 | | | 2.12 | 24.7 | | 10.4 | 11.0 | 116 | | 0.21 | 37 | | 16.17 | 13.17 | 11.83 |
| 28.0 | 1157 | 16.0 | | | 2.14 | 25 | | 10.4 | 11.0 | 116 | | 0.21 | 38 | | 16.17 | 13.17 | 11.83 |
| 27.0 | 1140 | 1.0 | | | 2.48 | 29 | | 12.8 | 13.7 | 146 | | 0.05 | 8 | 1.3 | 15.08 | 13.84 | 10.88 |
| 27.0 | 1140 | 2.0 | 20.7 | 0.86 | 2.48 | 29 | 13.3 | 12.4 | 13.3 | 141 | 9.5 | 0.05 | 8 | | 15.24 | 13.74 | 11.02 |
| 27.0 | 1140 | 3.0 | | | 2.29 | 27 | | 11.6 | 12.5 | 132 | | 0.05 | 8 | | 15.64 | 13.50 | 11.37 |
| 27.0 | 1140 | 4.0 | | | 2.03 | 25 | | 11.0 | 11.7 | 125 | | 0.07 | 12 | | 16.27 | 13.34 | 11.88 |
| 27.0 | 1140 | 5.0 | | | 1.87 | 21.5 | | 10.7 | 11.4 | 121 | | 0.09 | 16 | | 16.47 | 13.31 | 12.03 |
| 27.0 | 1140 | 6.0 | | | 1.79 | 20.1 | | 10.6 | 11.2 | 119 | | 0.13 | 22 | | 16.57 | 13.30 | 12.11 |
| 27.0 | 1140 | 7.0 | | | 1.80 | 20.3 | | 10.5 | 11.1 | 118 | | 0.15 | 26 | | 16.59 | 13.29 | 12.13 |
| 27.0 | 1140 | 8.0 | | | 1.85 | 21.0 | | 10.4 | 11.0 | 117 | | 0.18 | 32 | | 16.61 | 13.28 | 12.14 |
| 27.0 | 1140 | 9.0 | | | 1.91 | 21.8 | | 10.3 | 11.0 | 116 | | 0.23 | 42 | | 16.61 | 13.28 | 12.15 |
| 27.0 | 1140 | 10.0 | | | 1.92 | 21.8 | | 10.3 | 11.0 | 116 | | 0.28 | 51 | | 16.62 | 13.29 | 12.15 |
| 27.0 | 1140 | 11.0 | | | 1.87 | 21.2 | | 10.3 | 10.9 | 116 | | 0.30 | 55 | | 16.63 | 13.29 | 12.17 |
| 27.0 | 1140 | 12.0 | | | 1.84 | 20.8 | | 10.3 | 10.9 | 116 | | 0.30 | 54 | | 16.66 | 13.29 | 12.19 |
| 27.0 | 1140 | 13.0 | | | 1.93 | 22.1 | | 10.2 | 10.9 | 115 | | 0.31 | 56 | | 16.68 | 13.30 | 12.20 |
| 27.0 | 1140 | 14.0 | 20.7 | 0.79 | 1.96 | 22.4 | | 10.3 | 10.9 | 116 | | 0.34 | 61 | | 16.68 | 13.30 | 12.20 |
| 26.0 | 1124 | 2.0 | | | 1.68 | 18.6 | | 10.1 | 10.7 | 114 | | 0.18 | 33 | | 16.77 | 13.32 | 12.26 |
| 26.0 | 1124 | 3.0 | | | 1.67 | 18.4 | | 10.1 | 10.8 | 115 | | 0.21 | 38 | | 16.79 | 13.33 | 12.28 |
| 26.0 | 1124 | 4.0 | | | 1.66 | 18.4 | | 10.2 | 10.8 | 115 | | 0.22 | 40 | | 16.82 | 13.36 | 12.30 |
| 26.0 | 1124 | 5.0 | | | 1.72 | 19.2 | | 10.1 | 10.8 | 115 | | 0.22 | 39 | | 16.85 | 13.36 | 12.32 |
| 26.0 | 1124 | 6.0 | | | 1.78 | 20.0 | | 10.1 | 10.8 | 114 | | 0.21 | 38 | | 16.86 | 13.36 | 12.33 |
| 26.0 | 1124 | 7.0 | | | 1.83 | 20.7 | | 10.1 | 10.8 | 114 | | 0.22 | 40 | | 16.88 | 13.35 | 12.34 |
| 26.0 | 1124 | 8.0 | | | 1.86 | 21.1 | | 10.1 | 10.7 | 114 | | 0.23 | 42 | | 16.90 | 13.35 | 12.36 |
| 26.0 | 1124 | 9.0 | | | 1.90 | 21.6 | | 10.1 | 10.7 | 114 | | 0.23 | 41 | | 16.92 | 13.34 | 12.38 |
| 26.0 | 1124 | 10.0 | | | 1.95 | 22.3 | | 10.1 | 10.7 | 114 | | 0.23 | 41 | | 16.95 | 13.34 | 12.40 |
| 26.0 | 1124 | 11.0 | | | 1.94 | 22.2 | | 10.1 | 10.7 | 114 | | 0.22 | 40 | | 16.95 | 13.34 | 12.40 |
| 25.0 | 1106 | 1.0 | | | 0.97 | 8.8 | | 10.3 | 10.9 | 116 | | 0.04 | 5 | 1.3 | 15.97 | 13.61 | 11.60 |
| 25.0 | 1106 | 2.0 | | | 1.10 | 10.6 | | 9.9 | 10.5 | 113 | | 0.04 | 6 | | 17.57 | 13.42 | 12.86 |
| 25.0 | 1106 | 3.0 | | | 1.17 | 11.6 | | 9.7 | 10.3 | 110 | | 0.06 | 10 | | 18.01 | 13.35 | 13.22 |
| 25.0 | 1106 | 4.0 | | | 1.15 | 11.3 | | 9.6 | 10.2 | 109 | | 0.10 | 17 | | 18.14 | 13.35 | 13.31 |
| 25.0 | 1106 | 5.0 | | | 1.15 | 11.3 | | 9.6 | 10.1 | 109 | | 0.14 | 25 | | 18.42 | 13.36 | 13.52 |
| 25.0 | 1106 | 6.0 | | | 1.18 | 11.7 | | 9.5 | 10.1 | 108 | | 0.17 | 31 | | 18.48 | 13.36 | 13.57 |
| 25.0 | 1106 | 7.0 | | | 1.17 | 11.6 | | 9.4 | 10.0 | 108 | | 0.19 | 34 | | 18.67 | 13.35 | 13.72 |
| 25.0 | 1106 | 8.0 | | | 1.17 | 11.5 | | 9.4 | 9.9 | 107 | | 0.20 | 37 | | 18.97 | 13.35 | 13.95 |

South San Francisco Bay March 12, 1998 98071

| 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 | 1106 | 9.0 | | | 1.20 | 12.0 | | 9.3 | 9.8 | 106 | | 0.22 | 40 | | 19.01 | 13.35 | 13.99 |
| 25.0 | 1106 | 10.0 | | | 1.21 | 12.1 | | 9.4 | 9.9 | 107 | | 0.25 | 45 | | 19.02 | 13.35 | 13.99 |
| 24.0 | 1048 | 1.0 | | | 0.51 | 2.4 | | 10.2 | 10.9 | 116 | | 0.05 | 7 | 0.9 | 16.14 | 13.47 | 11.75 |
| 24.0 | 1048 | 2.0 | 6.8 | 0.81 | 0.49 | 2.1 | 11.1 | 10.1 | 10.8 | 114 | 7.6 | 0.04 | 6 | | 16.33 | 13.43 | 11.91 |
| 24.0 | 1048 | 3.0 | | | 0.52 | 2.5 | | 10.2 | 10.8 | 115 | | 0.04 | 6 | | 16.63 | 13.45 | 12.13 |
| 24.0 | 1048 | 4.0 | | | 0.57 | 3.3 | | 10.1 | 10.7 | 115 | | 0.04 | 6 | | 17.19 | 13.51 | 12.55 |
| 24.0 | 1048 | 5.0 | | | 0.56 | 3.2 | | 9.7 | 10.3 | 111 | | 0.04 | 7 | | 18.84 | 13.43 | 13.84 |
| 24.0 | 1048 | 6.0 | | | 0.56 | 3.2 | | 9.5 | 10.0 | 108 | | 0.06 | 9 | | 19.51 | 13.41 | 14.36 |
| 24.0 | 1048 | 7.0 | | | 0.59 | 3.5 | | 9.4 | 9.9 | 107 | | 0.08 | 14 | | 19.79 | 13.39 | 14.58 |
| 24.0 | 1048 | 8.0 | | | 0.62 | 4.0 | | 9.3 | 9.8 | 106 | | 0.11 | 20 | | 19.90 | 13.38 | 14.66 |
| 24.0 | 1048 | 9.0 | | | 0.66 | 4.5 | | 9.2 | 9.7 | 106 | | 0.13 | 23 | | 19.97 | 13.37 | 14.72 |
| 24.0 | 1048 | 10.0 | | | 0.69 | 4.9 | | 9.1 | 9.6 | 105 | | 0.16 | 28 | | 20.04 | 13.37 | 14.77 |
| 24.0 | 1048 | 11.0 | 6.6 | 0.72 | 0.69 | 4.9 | | 9.2 | 9.7 | 105 | | 0.19 | 33 | | 20.07 | 13.36 | 14.80 |
| 23.0 | 1034 | 1.0 | | | 0.89 | 7.7 | | 10.0 | 10.6 | 112 | | 0.07 | 11 | 1.3 | 15.66 | 13.52 | 11.38 |
| 23.0 | 1034 | 2.0 | | | 0.94 | 8.4 | | 10.2 | 10.8 | 115 | | 0.07 | 12 | | 16.05 | 13.53 | 11.68 |
| 23.0 | 1034 | 3.0 | | | 0.97 | 8.8 | | 10.3 | 10.9 | 117 | | 0.07 | 12 | | 16.48 | 13.54 | 12.01 |
| 23.0 | 1034 | 4.0 | | | 0.96 | 8.7 | | 10.3 | 11.0 | 117 | | 0.08 | 13 | | 16.66 | 13.54 | 12.14 |
| 23.0 | 1034 | 5.0 | | | 0.90 | 7.9 | | 10.2 | 10.9 | 116 | | 0.08 | 13 | | 16.99 | 13.52 | 12.40 |
| 23.0 | 1034 | 6.0 | | | 0.83 | 6.9 | | 10.1 | 10.7 | 115 | | 0.08 | 13 | | 17.36 | 13.50 | 12.69 |
| 23.0 | 1034 | 7.0 | | | 0.80 | 6.5 | | 10.0 | 10.7 | 114 | | 0.08 | 13 | | 17.60 | 13.49 | 12.88 |
| 23.0 | 1034 | 8.0 | | | 0.74 | 5.6 | | 9.8 | 10.4 | 112 | | 0.09 | 15 | | 18.47 | 13.47 | 13.55 |
| 23.0 | 1034 | 9.0 | | | 0.64 | 4.3 | | 9.7 | 10.2 | 111 | | 0.09 | 15 | | 19.02 | 13.44 | 13.98 |
| 23.0 | 1034 | 10.0 | | | 0.57 | 3.3 | | 9.5 | 10.1 | 109 | | 0.08 | 13 | | 19.33 | 13.42 | 14.22 |
| 23.0 | 1034 | 11.0 | | | 0.51 | 2.4 | | 9.4 | 9.9 | 108 | | 0.07 | 12 | | 20.01 | 13.40 | 14.74 |
| 23.0 | 1034 | 12.0 | | | 0.49 | 2.1 | | 9.2 | 9.7 | 107 | | 0.08 | 13 | | 21.02 | 13.39 | 15.52 |
| 23.0 | 1034 | 13.0 | | | 0.49 | 2.2 | | 9.1 | 9.6 | 105 | | 0.08 | 13 | | 21.52 | 13.39 | 15.91 |
| 23.0 | 1034 | 14.0 | | | 0.50 | 2.3 | | 9.0 | 9.5 | 105 | | 0.08 | 14 | | 21.93 | 13.39 | 16.23 |
| 23.0 | 1034 | 15.0 | | | 0.50 | 2.4 | | 9.0 | 9.5 | 104 | | 0.10 | 16 | | 22.07 | 13.39 | 16.33 |
| 23.0 | 1034 | 16.0 | | | 0.50 | 2.4 | | 9.0 | 9.5 | 105 | | 0.12 | 21 | | 22.17 | 13.39 | 16.41 |
| 22.0 | 1017 | 1.0 | | | 0.47 | 1.9 | | 9.4 | 9.9 | 106 | | 0.06 | 11 | 1.1 | 16.12 | 13.45 | 11.74 |
| 22.0 | 1017 | 2.0 | | | 0.48 | 2.0 | | 9.4 | 10.0 | 106 | | 0.06 | 10 | | 16.15 | 13.44 | 11.77 |
| 22.0 | 1017 | 3.0 | | | 0.48 | 2.0 | | 9.5 | 10.0 | 107 | | 0.06 | 10 | | 16.23 | 13.46 | 11.83 |
| 22.0 | 1017 | 4.0 | | | 0.49 | 2.2 | | 9.6 | 10.1 | 108 | | 0.06 | 11 | | 16.32 | 13.47 | 11.90 |
| 22.0 | 1017 | 5.0 | | | 0.52 | 2.6 | | 9.6 | 10.2 | 108 | | 0.06 | 10 | | 16.58 | 13.45 | 12.09 |
| 22.0 | 1017 | 6.0 | | | 0.54 | 2.8 | | 9.7 | 10.2 | 109 | | 0.06 | 10 | | 16.95 | 13.44 | 12.38 |
| 22.0 | 1017 | 7.0 | | | 0.54 | 2.9 | | 9.7 | 10.3 | 110 | | 0.06 | 10 | | 17.20 | 13.43 | 12.57 |
| 22.0 | 1017 | 8.0 | | | 0.56 | 3.1 | | 9.7 | 10.2 | 110 | | 0.06 | 10 | | 17.97 | 13.45 | 13.17 |
| 22.0 | 1017 | 9.0 | | | 0.54 | 2.8 | | 9.6 | 10.2 | 109 | | 0.06 | 10 | | 18.60 | 13.44 | 13.66 |
| 22.0 | 1017 | 10.0 | | | 0.47 | 1.9 | | 9.4 | 9.9 | 107 | | 0.07 | 11 | | 19.31 | 13.40 | 14.20 |
| 22.0 | 1017 | 11.0 | | | 0.46 | 1.7 | | 9.1 | 9.6 | 105 | | 0.07 | 11 | | 21.24 | 13.39 | 15.69 |

South San Francisco Bay March 12, 1998 98071

| 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 | 1017 | 12.0 | | | 0.47 | 1.9 | | 9.0 | 9.5 | 104 | | 0.08 | 14 | | 21.43 | 13.39 | 15.84 |
| 22.0 | 1017 | 13.0 | | | 0.50 | 2.4 | | 9.0 | 9.5 | 104 | | 0.10 | 18 | | 21.77 | 13.39 | 16.11 |
| 22.0 | 1017 | 14.0 | | | 0.53 | 2.7 | | 9.0 | 9.4 | 104 | | 0.11 | 20 | | 22.02 | 13.39 | 16.30 |
| 22.0 | 1017 | 15.0 | | | 0.55 | 3.0 | | 8.9 | 9.4 | 103 | | 0.13 | 23 | | 22.45 | 13.39 | 16.63 |
| 22.0 | 1017 | 16.0 | | | 0.58 | 3.4 | | 8.8 | 9.2 | 102 | | 0.14 | 24 | | 23.04 | 13.39 | 17.08 |
| 22.0 | 1017 | 17.0 | | | 0.58 | 3.4 | | 8.8 | 9.3 | 103 | | 0.16 | 27 | | 23.40 | 13.39 | 17.35 |
| 21.0 | 1004 | 1.0 | | | 0.63 | 4.1 | | 9.2 | 9.8 | 104 | | 0.10 | 17 | 1.6 | 16.58 | 13.34 | 12.11 |
| 21.0 | 1004 | 2.0 | 3.1 | 0.82 | 0.64 | 4.2 | 9.5 | 9.3 | 9.8 | 104 | 10.5 | 0.12 | 21 | | 17.17 | 13.37 | 12.56 |
| 21.0 | 1004 | 3.0 | | | 0.64 | 4.3 | | 9.3 | 9.8 | 105 | | 0.13 | 23 | | 17.38 | 13.39 | 12.72 |
| 21.0 | 1004 | 4.0 | | | 0.64 | 4.3 | | 9.3 | 9.8 | 105 | | 0.13 | 23 | | 18.23 | 13.42 | 13.37 |
| 21.0 | 1004 | 5.0 | | | 0.65 | 4.4 | | 9.3 | 9.8 | 106 | | 0.13 | 23 | | 18.72 | 13.42 | 13.74 |
| 21.0 | 1004 | 6.0 | | | 0.65 | 4.4 | | 9.2 | 9.7 | 105 | | 0.12 | 22 | | 19.32 | 13.42 | 14.21 |
| 21.0 | 1004 | 7.0 | | | 0.61 | 3.9 | | 9.2 | 9.7 | 105 | | 0.12 | 21 | | 19.72 | 13.43 | 14.51 |
| 21.0 | 1004 | 8.0 | | | 0.54 | 2.8 | | 9.1 | 9.6 | 104 | | 0.11 | 19 | | 20.42 | 13.40 | 15.06 |
| 21.0 | 1004 | 9.0 | | | 0.46 | 1.7 | | 9.0 | 9.5 | 103 | | 0.09 | 16 | | 21.04 | 13.39 | 15.54 |
| 21.0 | 1004 | 10.0 | | | 0.42 | 1.3 | | 9.0 | 9.4 | 103 | | 0.08 | 14 | | 21.31 | 13.39 | 15.75 |
| 21.0 | 1004 | 11.0 | | | 0.41 | 1.1 | | 9.0 | 9.4 | 103 | | 0.07 | 12 | | 21.61 | 13.40 | 15.97 |
| 21.0 | 1004 | 12.0 | | | 0.41 | 1.1 | | 8.9 | 9.4 | 103 | | 0.07 | 12 | | 21.98 | 13.40 | 16.26 |
| 21.0 | 1004 | 13.0 | | | 0.42 | 1.2 | | 8.9 | 9.3 | 103 | | 0.07 | 11 | | 22.18 | 13.40 | 16.42 |
| 21.0 | 1004 | 14.0 | | | 0.43 | 1.4 | | 8.8 | 9.2 | 102 | | 0.07 | 12 | | 22.81 | 13.40 | 16.90 |
| 21.0 | 1004 | 15.0 | | | 0.46 | 1.7 | | 8.7 | 9.1 | 101 | | 0.09 | 16 | | 23.50 | 13.40 | 17.44 |
| 21.0 | 1004 | 16.0 | | | 0.46 | 1.8 | | 8.7 | 9.1 | 101 | | 0.12 | 21 | | 23.67 | 13.40 | 17.57 |
| 21.0 | 1004 | 17.0 | | | 0.47 | 1.9 | | 8.6 | 9.1 | 101 | | 0.13 | 23 | | 23.76 | 13.40 | 17.64 |
| 21.0 | 1004 | 18.0 | 4.5 | 0.73 | 0.48 | 2.0 | | 8.7 | 9.1 | 101 | | 0.14 | 24 | | 23.79 | 13.40 | 17.66 |

| | n | r^2 | Slope | Inter. | Std. Err. |
|---|---|---|---|---|---|
| Fluorometer Calibration: | 12 | 0.940 | 13.796 | -4.582 | 7.715 |
| OBS Calibration: | 6 | 0.912 | 184.941 | -1.282 | 8.104 |
| Dissolved Oxygen Calibration: | 6 | 0.808 | 1.132 | -0.706 | 0.978 |

Bottom sample at stn-32 was collected 3-meters from the bottom.
SeaBird v4.026

North San Francisco Bay | March 17, 1998 | 98076

| 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 | 1754 | 1.0 | | | 1.04 | 12.6 | | 9.5 | 10.2 | 100 | | 0.27 | 35 | 3.3 | 0.13 | 14.59 | 0.00 |
| 657.0 | 1754 | 2.0 | 12.5 | 0.73 | 1.03 | 12.5 | 10.1 | 9.5 | 10.2 | 100 | 33.9 | 0.28 | 36 | | 0.13 | 14.59 | 0.00 |
| 657.0 | 1754 | 3.0 | | | 1.04 | 12.6 | | 9.5 | 10.2 | 101 | | 0.28 | 35 | | 0.13 | 14.59 | 0.00 |
| 657.0 | 1754 | 4.0 | | | 1.06 | 12.9 | | 9.5 | 10.2 | 101 | | 0.28 | 36 | | 0.13 | 14.59 | 0.00 |
| 657.0 | 1754 | 5.0 | | | 1.07 | 13.1 | | 9.5 | 10.2 | 100 | | 0.28 | 35 | | 0.13 | 14.58 | 0.00 |
| 657.0 | 1754 | 6.0 | | | 1.05 | 12.7 | | 9.5 | 10.2 | 100 | | 0.28 | 35 | | 0.13 | 14.50 | 0.00 |
| 657.0 | 1754 | 7.0 | | | 1.00 | 12.1 | | 9.5 | 10.2 | 100 | | 0.28 | 36 | | 0.13 | 14.45 | 0.00 |
| 657.0 | 1754 | 8.0 | | | 0.96 | 11.5 | | 9.6 | 10.2 | 100 | | 0.28 | 36 | | 0.12 | 14.37 | 0.00 |
| 657.0 | 1754 | 9.0 | | | 0.92 | 11.0 | | 9.6 | 10.2 | 100 | | 0.29 | 37 | | 0.12 | 14.34 | 0.00 |
| 657.0 | 1754 | 10.0 | | | 0.92 | 11.0 | | 9.6 | 10.2 | 100 | | 0.29 | 37 | | 0.12 | 14.33 | 0.00 |
| 649.0 | 1700 | 1.0 | | | 0.63 | 7.1 | | 9.8 | 10.3 | 102 | | 0.18 | 23 | 2.3 | 0.10 | 14.47 | 0.00 |
| 649.0 | 1700 | 2.0 | 6.7 | 0.69 | 0.63 | 7.0 | | 9.7 | 10.3 | 101 | | 0.19 | 24 | | 0.10 | 14.24 | 0.00 |
| 649.0 | 1700 | 3.0 | | | 0.62 | 7.0 | | 9.7 | 10.3 | 100 | | 0.21 | 27 | | 0.10 | 14.00 | 0.00 |
| 649.0 | 1700 | 4.0 | | | 0.63 | 7.1 | | 9.8 | 10.3 | 100 | | 0.23 | 30 | | 0.10 | 13.85 | 0.00 |
| 649.0 | 1700 | 5.0 | | | 0.65 | 7.4 | | 9.8 | 10.3 | 100 | | 0.24 | 31 | | 0.10 | 13.85 | 0.00 |
| 649.0 | 1700 | 6.0 | | | 0.67 | 7.6 | | 9.8 | 10.3 | 100 | | 0.24 | 31 | | 0.10 | 13.85 | 0.00 |
| 649.0 | 1700 | 7.0 | | | 0.66 | 7.5 | | 9.8 | 10.3 | 100 | | 0.25 | 31 | | 0.10 | 13.84 | 0.00 |
| 649.0 | 1700 | 8.0 | | | 0.66 | 7.5 | | 9.9 | 10.4 | 100 | | 0.25 | 32 | | 0.10 | 13.84 | 0.00 |
| 649.0 | 1700 | 9.0 | | | 0.67 | 7.6 | | 9.9 | 10.4 | 101 | | 0.25 | 32 | | 0.10 | 13.84 | 0.00 |
| 649.0 | 1700 | 10.0 | | | 0.68 | 7.7 | | 9.9 | 10.4 | 100 | | 0.25 | 32 | | 0.10 | 13.84 | 0.00 |
| 649.0 | 1700 | 11.0 | | | 0.68 | 7.7 | | 9.9 | 10.4 | 101 | | 0.25 | 32 | | 0.10 | 13.84 | 0.00 |
| 2.0 | 1631 | 1.0 | | | 0.47 | 4.9 | | 9.6 | 10.2 | 101 | | 0.13 | 18 | 2.2 | 0.12 | 14.52 | 0.00 |
| 2.0 | 1631 | 2.0 | | | 0.47 | 4.9 | | 9.5 | 10.2 | 100 | | 0.13 | 17 | | 0.12 | 14.27 | 0.00 |
| 2.0 | 1631 | 3.0 | | | 0.45 | 4.6 | | 9.6 | 10.2 | 100 | | 0.14 | 18 | | 0.12 | 14.04 | 0.00 |
| 2.0 | 1631 | 4.0 | | | 0.43 | 4.4 | | 9.6 | 10.2 | 100 | | 0.14 | 18 | | 0.12 | 14.05 | 0.00 |
| 2.0 | 1631 | 5.0 | | | 0.44 | 4.4 | | 9.5 | 10.2 | 99 | | 0.14 | 19 | | 0.12 | 14.07 | 0.00 |
| 2.0 | 1631 | 6.0 | | | 0.45 | 4.6 | | 9.6 | 10.2 | 100 | | 0.14 | 18 | | 0.12 | 14.02 | 0.00 |
| 2.0 | 1631 | 7.0 | | | 0.46 | 4.8 | | 9.6 | 10.2 | 99 | | 0.14 | 19 | | 0.12 | 14.00 | 0.00 |
| 2.0 | 1631 | 8.0 | | | 0.47 | 5.0 | | 9.6 | 10.2 | 100 | | 0.14 | 19 | | 0.12 | 13.95 | 0.00 |
| 2.0 | 1631 | 9.0 | | | 0.48 | 5.0 | | 9.6 | 10.3 | 100 | | 0.14 | 19 | | 0.12 | 13.95 | 0.00 |
| 2.0 | 1631 | 10.0 | | | 0.48 | 5.0 | | 9.6 | 10.3 | 100 | | 0.15 | 20 | | 0.12 | 13.95 | 0.00 |
| 2.0 | 1631 | 11.0 | | | 0.48 | 5.0 | | 9.7 | 10.3 | 100 | | 0.15 | 20 | | 0.11 | 13.93 | 0.00 |
| 3.0 | 1608 | 1.0 | | | 0.45 | 4.7 | | 9.5 | 10.2 | 99 | | 0.14 | 18 | 2.0 | 0.12 | 14.06 | 0.00 |
| 3.0 | 1608 | 2.0 | | | 0.46 | 4.8 | | 9.5 | 10.2 | 99 | 17.7 | 0.14 | 18 | | 0.12 | 13.97 | 0.00 |
| 3.0 | 1608 | 3.0 | | | 0.47 | 4.9 | | 9.6 | 10.2 | 99 | | 0.14 | 19 | | 0.11 | 13.88 | 0.00 |
| 3.0 | 1608 | 4.0 | | | 0.48 | 5.0 | | 9.6 | 10.2 | 99 | | 0.14 | 19 | | 0.11 | 13.84 | 0.00 |
| 3.0 | 1608 | 5.0 | | | 0.48 | 5.1 | | 9.7 | 10.3 | 99 | | 0.14 | 19 | | 0.11 | 13.82 | 0.00 |
| 3.0 | 1608 | 6.0 | | | 0.48 | 5.1 | | 9.7 | 10.3 | 100 | | 0.14 | 19 | | 0.11 | 13.81 | 0.00 |
| 3.0 | 1608 | 7.0 | | | 0.49 | 5.1 | | 9.7 | 10.3 | 100 | | 0.15 | 20 | | 0.11 | 13.81 | 0.00 |
| 3.0 | 1608 | 8.0 | | | 0.48 | 5.1 | | 9.7 | 10.3 | 100 | | 0.15 | 20 | | 0.11 | 13.81 | 0.00 |

North San Francisco Bay March 17, 1998 98076

| 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 | 1608 | 9.0 | | | 0.47 | 4.9 | | 9.7 | 10.3 | 100 | | 0.16 | 20 | | 0.11 | 13.81 | 0.00 |
| 3.0 | 1608 | 10.0 | | | 0.48 | 5.0 | | 9.7 | 10.3 | 100 | | 0.16 | 20 | | 0.11 | 13.81 | 0.00 |
| 3.0 | 1608 | 11.0 | | | 0.48 | 5.0 | | 9.7 | 10.3 | 100 | | 0.16 | 21 | | 0.11 | 13.81 | 0.00 |
| 3.0 | 1608 | 12.0 | | | 0.47 | 4.9 | | 9.7 | 10.3 | 100 | | 0.16 | 21 | | 0.11 | 13.81 | 0.00 |
| 4.0 | 1543 | 1.0 | | | 0.37 | 3.5 | | 9.4 | 10.1 | 99 | | 0.15 | 20 | 2.2 | 0.14 | 14.11 | 0.00 |
| 4.0 | 1543 | 2.0 | | | 0.37 | 3.5 | | 9.4 | 10.1 | 99 | | 0.16 | 20 | | 0.14 | 14.10 | 0.00 |
| 4.0 | 1543 | 3.0 | | | 0.37 | 3.6 | | 9.4 | 10.2 | 99 | | 0.16 | 21 | | 0.13 | 14.01 | 0.00 |
| 4.0 | 1543 | 4.0 | | | 0.38 | 3.6 | | 9.5 | 10.2 | 99 | | 0.16 | 21 | | 0.13 | 14.00 | 0.00 |
| 4.0 | 1543 | 5.0 | | | 0.38 | 3.7 | | 9.5 | 10.2 | 99 | | 0.17 | 22 | | 0.13 | 14.00 | 0.00 |
| 4.0 | 1543 | 6.0 | | | 0.39 | 3.8 | | 9.5 | 10.2 | 99 | | 0.17 | 23 | | 0.13 | 14.07 | 0.00 |
| 4.0 | 1543 | 7.0 | | | 0.40 | 3.9 | | 9.5 | 10.2 | 99 | | 0.17 | 22 | | 0.13 | 14.00 | 0.00 |
| 4.0 | 1543 | 8.0 | | | 0.41 | 4.1 | | 9.5 | 10.2 | 99 | | 0.17 | 22 | | 0.13 | 13.98 | 0.00 |
| 4.0 | 1543 | 9.0 | | | 0.43 | 4.3 | | 9.5 | 10.2 | 99 | | 0.17 | 22 | | 0.12 | 13.91 | 0.00 |
| 4.0 | 1543 | 10.0 | | | 0.45 | 4.6 | | 9.6 | 10.2 | 99 | | 0.17 | 22 | | 0.12 | 13.85 | 0.00 |
| 4.0 | 1543 | 11.0 | | | 0.47 | 5.0 | | 9.5 | 10.2 | 99 | | 0.17 | 23 | | 0.11 | 13.81 | 0.00 |
| 4.0 | 1543 | 12.0 | | | 0.50 | 5.3 | | 9.7 | 10.3 | 99 | | 0.17 | 23 | | 0.10 | 13.66 | 0.00 |
| 4.0 | 1543 | 13.0 | | | 0.50 | 5.3 | | 9.7 | 10.3 | 100 | | 0.18 | 24 | | 0.11 | 13.69 | 0.00 |
| 4.0 | 1543 | 14.0 | | | 0.50 | 5.3 | | 9.7 | 10.3 | 100 | | 0.19 | 24 | | 0.11 | 13.71 | 0.00 |
| 5.0 | 1525 | 1.0 | | | 0.42 | 4.2 | | 9.5 | 10.2 | 99 | | 0.14 | 19 | 2.2 | 0.12 | 14.21 | 0.00 |
| 5.0 | 1525 | 2.0 | | | 0.42 | 4.2 | | 9.5 | 10.2 | 99 | | 0.14 | 19 | | 0.12 | 14.03 | 0.00 |
| 5.0 | 1525 | 3.0 | | | 0.40 | 4.0 | | 9.5 | 10.2 | 99 | | 0.15 | 20 | | 0.12 | 13.90 | 0.00 |
| 5.0 | 1525 | 4.0 | | | 0.41 | 4.0 | | 9.5 | 10.2 | 99 | | 0.16 | 21 | | 0.12 | 13.87 | 0.00 |
| 5.0 | 1525 | 5.0 | | | 0.42 | 4.2 | | 9.6 | 10.2 | 99 | | 0.16 | 21 | | 0.12 | 13.82 | 0.00 |
| 5.0 | 1525 | 6.0 | | | 0.44 | 4.4 | | 9.6 | 10.2 | 99 | | 0.16 | 21 | | 0.12 | 13.79 | 0.00 |
| 5.0 | 1525 | 7.0 | | | 0.45 | 4.6 | | 9.6 | 10.3 | 99 | | 0.16 | 20 | | 0.12 | 13.77 | 0.00 |
| 5.0 | 1525 | 8.0 | | | 0.45 | 4.6 | | 9.7 | 10.3 | 99 | | 0.15 | 20 | | 0.12 | 13.76 | 0.00 |
| 5.0 | 1525 | 9.0 | | | 0.44 | 4.5 | | 9.7 | 10.3 | 99 | | 0.16 | 20 | | 0.12 | 13.75 | 0.00 |
| 5.0 | 1525 | 10.0 | | | 0.44 | 4.5 | | 9.7 | 10.3 | 99 | | 0.15 | 20 | | 0.12 | 13.75 | 0.00 |
| 5.0 | 1525 | 11.0 | | | 0.45 | 4.7 | | 9.7 | 10.3 | 99 | | 0.16 | 21 | | 0.12 | 13.75 | 0.00 |
| 5.0 | 1525 | 12.0 | | | 0.45 | 4.7 | | 9.7 | 10.3 | 100 | | 0.16 | 21 | | 0.12 | 13.75 | 0.00 |
| 6.0 | 1504 | 1.0 | | | 0.40 | 4.0 | | 9.5 | 10.2 | 99 | | 0.15 | 20 | 2.2 | 0.13 | 14.04 | 0.00 |
| 6.0 | 1504 | 2.0 | 4.0 | 0.64 | 0.39 | 3.9 | 10.2 | 9.6 | 10.2 | 99 | 19.4 | 0.15 | 20 | | 0.13 | 13.89 | 0.00 |
| 6.0 | 1504 | 3.0 | | | 0.39 | 3.8 | | 9.6 | 10.2 | 99 | | 0.16 | 21 | | 0.13 | 13.87 | 0.00 |
| 6.0 | 1504 | 4.0 | | | 0.39 | 3.8 | | 9.6 | 10.2 | 99 | | 0.16 | 21 | | 0.13 | 13.85 | 0.00 |
| 6.0 | 1504 | 5.0 | | | 0.40 | 3.9 | | 9.6 | 10.2 | 99 | | 0.17 | 21 | | 0.13 | 13.85 | 0.00 |
| 6.0 | 1504 | 6.0 | | | 0.40 | 4.0 | | 9.6 | 10.2 | 99 | | 0.17 | 21 | | 0.13 | 13.85 | 0.00 |
| 6.0 | 1504 | 7.0 | | | 0.41 | 4.0 | | 9.6 | 10.3 | 99 | | 0.17 | 22 | | 0.12 | 13.85 | 0.00 |
| 6.0 | 1504 | 8.0 | | | 0.40 | 4.0 | | 9.7 | 10.3 | 99 | | 0.17 | 22 | | 0.12 | 13.83 | 0.00 |
| 6.0 | 1504 | 9.0 | | | 0.41 | 4.1 | | 9.7 | 10.3 | 100 | | 0.19 | 24 | | 0.12 | 13.83 | 0.00 |
| 6.0 | 1504 | 10.0 | | | 0.42 | 4.2 | | 9.7 | 10.3 | 100 | | 0.19 | 24 | | 0.12 | 13.83 | 0.00 |

North San Francisco Bay March 17, 1998 98076

| 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 | 1504 | 11.0 | | | 0.43 | 4.4 | | 9.7 | 10.3 | 100 | | 0.18 | 24 | | 0.12 | 13.83 | 0.00 |
| 6.0 | 1504 | 12.0 | 3.6 | 0.61 | 0.43 | 4.4 | | 9.7 | 10.3 | 100 | | 0.18 | 24 | | 0.12 | 13.82 | 0.00 |
| 7.0 | 1442 | 1.0 | | | 0.38 | 3.7 | | 9.6 | 10.2 | 100 | | 0.18 | 23 | 2.0 | 0.13 | 14.07 | 0.00 |
| 7.0 | 1442 | 2.0 | | | 0.38 | 3.7 | | 9.6 | 10.2 | 99 | | 0.18 | 23 | | 0.13 | 14.02 | 0.00 |
| 7.0 | 1442 | 3.0 | | | 0.38 | 3.6 | | 9.5 | 10.2 | 99 | | 0.17 | 23 | | 0.13 | 13.92 | 0.00 |
| 7.0 | 1442 | 4.0 | | | 0.36 | 3.5 | | 9.6 | 10.2 | 99 | | 0.18 | 23 | | 0.13 | 13.77 | 0.00 |
| 7.0 | 1442 | 5.0 | | | 0.36 | 3.5 | | 9.6 | 10.2 | 99 | | 0.19 | 24 | | 0.13 | 13.78 | 0.00 |
| 7.0 | 1442 | 6.0 | | | 0.37 | 3.5 | | 9.6 | 10.2 | 99 | | 0.19 | 25 | | 0.13 | 13.78 | 0.00 |
| 7.0 | 1442 | 7.0 | | | 0.37 | 3.6 | | 9.6 | 10.2 | 99 | | 0.19 | 24 | | 0.13 | 13.78 | 0.00 |
| 7.0 | 1442 | 8.0 | | | 0.38 | 3.6 | | 9.6 | 10.2 | 99 | | 0.19 | 25 | | 0.13 | 13.78 | 0.00 |
| 7.0 | 1442 | 9.0 | | | 0.38 | 3.7 | | 9.6 | 10.2 | 99 | | 0.19 | 24 | | 0.13 | 13.78 | 0.00 |
| 7.0 | 1442 | 10.0 | | | 0.38 | 3.6 | | 9.6 | 10.2 | 99 | | 0.19 | 24 | | 0.13 | 13.78 | 0.00 |
| 7.0 | 1442 | 11.0 | | | 0.38 | 3.6 | | 9.6 | 10.2 | 99 | | 0.19 | 24 | | 0.13 | 13.78 | 0.00 |
| 7.0 | 1442 | 12.0 | | | 0.38 | 3.6 | | 9.6 | 10.2 | 99 | | 0.19 | 25 | | 0.13 | 13.78 | 0.00 |
| 7.0 | 1442 | 13.0 | | | 0.37 | 3.6 | | 9.6 | 10.2 | 99 | | 0.20 | 26 | | 0.13 | 13.78 | 0.00 |
| 7.0 | 1442 | 14.0 | | | 0.38 | 3.6 | | 9.6 | 10.2 | 99 | | 0.21 | 27 | | 0.13 | 13.79 | 0.00 |
| 7.0 | 1442 | 15.0 | | | 0.39 | 3.8 | | 9.6 | 10.2 | 99 | | 0.21 | 27 | | 0.13 | 13.79 | 0.00 |
| 7.0 | 1442 | 16.0 | | | 0.39 | 3.8 | | 9.6 | 10.2 | 99 | | 0.22 | 28 | | 0.13 | 13.79 | 0.00 |
| 8.0 | 1424 | 1.0 | | | 0.42 | 4.3 | | 9.6 | 10.2 | 100 | | 0.26 | 34 | 3.0 | 0.12 | 14.03 | 0.00 |
| 8.0 | 1424 | 2.0 | | | 0.41 | 4.1 | | 9.6 | 10.2 | 99 | | 0.25 | 31 | | 0.12 | 13.87 | 0.00 |
| 8.0 | 1424 | 3.0 | | | 0.40 | 4.0 | | 9.6 | 10.2 | 99 | | 0.24 | 30 | | 0.13 | 13.82 | 0.00 |
| 8.0 | 1424 | 4.0 | | | 0.40 | 4.0 | | 9.6 | 10.2 | 99 | | 0.22 | 28 | | 0.13 | 13.80 | 0.00 |
| 8.0 | 1424 | 5.0 | | | 0.40 | 4.0 | | 9.6 | 10.3 | 99 | | 0.20 | 26 | | 0.13 | 13.77 | 0.00 |
| 8.0 | 1424 | 6.0 | | | 0.40 | 3.9 | | 9.6 | 10.2 | 99 | | 0.20 | 26 | | 0.12 | 13.77 | 0.00 |
| 8.0 | 1424 | 7.0 | | | 0.40 | 4.0 | | 9.7 | 10.3 | 99 | | 0.20 | 26 | | 0.12 | 13.74 | 0.00 |
| 8.0 | 1424 | 8.0 | | | 0.40 | 4.0 | | 9.7 | 10.3 | 99 | | 0.20 | 26 | | 0.12 | 13.74 | 0.00 |
| 8.0 | 1424 | 9.0 | | | 0.40 | 4.0 | | 9.7 | 10.3 | 99 | | 0.20 | 26 | | 0.12 | 13.74 | 0.00 |
| 8.0 | 1424 | 10.0 | | | 0.40 | 3.9 | | 9.7 | 10.3 | 99 | | 0.20 | 26 | | 0.12 | 13.73 | 0.00 |
| 8.0 | 1424 | 11.0 | | | 0.40 | 3.9 | | 9.7 | 10.3 | 99 | | 0.20 | 26 | | 0.13 | 13.73 | 0.00 |
| 8.0 | 1424 | 12.0 | | | 0.40 | 4.0 | | 9.7 | 10.3 | 99 | | 0.20 | 26 | | 0.13 | 13.73 | 0.00 |
| 8.0 | 1424 | 13.0 | | | 0.40 | 4.0 | | 9.6 | 10.3 | 99 | | 0.21 | 27 | | 0.13 | 13.74 | 0.00 |
| 8.0 | 1424 | 14.0 | | | 0.40 | 3.9 | | 9.6 | 10.3 | 99 | | 0.22 | 28 | | 0.13 | 13.74 | 0.00 |
| 8.0 | 1424 | 15.0 | | | 0.38 | 3.7 | | 9.6 | 10.3 | 99 | | 0.22 | 29 | | 0.13 | 13.74 | 0.00 |
| 8.0 | 1424 | 16.0 | | | 0.37 | 3.6 | | 9.7 | 10.3 | 99 | | 0.24 | 30 | | 0.13 | 13.74 | 0.00 |
| 9.0 | 1359 | 1.0 | | | 0.45 | 4.7 | | 9.6 | 10.2 | 100 | | 0.34 | 43 | 3.7 | 0.24 | 13.97 | 0.00 |
| 9.0 | 1359 | 2.0 | 4.8 | 0.64 | 0.45 | 4.6 | 10.3 | 9.6 | 10.2 | 99 | 41.7 | 0.33 | 42 | | 0.29 | 13.86 | 0.00 |
| 9.0 | 1359 | 3.0 | | | 0.45 | 4.7 | | 9.6 | 10.3 | 100 | | 0.33 | 41 | | 0.39 | 13.86 | 0.00 |
| 9.0 | 1359 | 4.0 | | | 0.47 | 4.9 | | 9.6 | 10.3 | 100 | | 0.34 | 43 | | 0.51 | 13.86 | 0.00 |
| 9.0 | 1359 | 5.0 | | | 0.47 | 4.9 | | 9.6 | 10.2 | 100 | | 0.34 | 43 | | 0.65 | 13.86 | 0.00 |
| 9.0 | 1359 | 6.0 | | | 0.46 | 4.8 | | 9.6 | 10.3 | 100 | | 0.34 | 42 | | 0.78 | 13.86 | 0.00 |

North San Francisco Bay March 17, 1998 98076

| 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 | 1359 | 7.0 | | | 0.47 | 4.8 | | 9.6 | 10.3 | 100 | | 0.34 | 42 | | 0.86 | 13.85 | 0.00 |
| 9.0 | 1359 | 8.0 | | | 0.47 | 4.9 | | 9.6 | 10.2 | 100 | | 0.33 | 42 | | 0.88 | 13.85 | 0.00 |
| 9.0 | 1359 | 9.0 | | | 0.46 | 4.7 | | 9.6 | 10.2 | 100 | | 0.33 | 42 | | 0.97 | 13.84 | 0.02 |
| 9.0 | 1359 | 10.0 | | | 0.46 | 4.8 | | 9.6 | 10.2 | 100 | | 0.33 | 41 | | 1.06 | 13.83 | 0.09 |
| 9.0 | 1359 | 11.0 | | | 0.46 | 4.8 | | 9.6 | 10.2 | 100 | | 0.32 | 40 | | 1.14 | 13.81 | 0.16 |
| 9.0 | 1359 | 12.0 | | | 0.46 | 4.7 | | 9.6 | 10.2 | 100 | | 0.32 | 40 | | 1.28 | 13.79 | 0.27 |
| 9.0 | 1359 | 13.0 | | | 0.46 | 4.8 | | 9.6 | 10.2 | 100 | | 0.31 | 39 | | 1.42 | 13.77 | 0.38 |
| 9.0 | 1359 | 14.0 | | | 0.47 | 4.9 | | 9.5 | 10.2 | 100 | | 0.31 | 39 | | 1.82 | 13.76 | 0.69 |
| 9.0 | 1359 | 15.0 | | | 0.48 | 5.1 | | 9.5 | 10.2 | 100 | | 0.33 | 42 | | 2.36 | 13.75 | 1.11 |
| 9.0 | 1359 | 16.0 | | | 0.49 | 5.1 | | 9.5 | 10.2 | 100 | | 0.37 | 46 | | 2.49 | 13.74 | 1.21 |
| 9.0 | 1359 | 17.0 | | | 0.50 | 5.2 | | 9.5 | 10.2 | 100 | | 0.40 | 50 | | 2.60 | 13.74 | 1.30 |
| 9.0 | 1359 | 18.0 | | | 0.51 | 5.4 | | 9.5 | 10.2 | 100 | | 0.43 | 53 | | 2.73 | 13.74 | 1.39 |
| 9.0 | 1359 | 19.0 | | | 0.52 | 5.5 | | 9.5 | 10.2 | 100 | | 0.45 | 57 | | 2.80 | 13.74 | 1.45 |
| 9.0 | 1359 | 20.0 | | | 0.53 | 5.7 | | 9.5 | 10.2 | 100 | | 0.52 | 65 | | 2.92 | 13.74 | 1.54 |
| 9.0 | 1359 | 21.0 | | | 0.58 | 6.3 | | 9.4 | 10.2 | 100 | | 0.61 | 75 | | 3.08 | 13.73 | 1.67 |
| 9.0 | 1359 | 22.0 | | | 0.63 | 7.0 | | 9.4 | 10.2 | 100 | | 0.75 | 93 | | 3.21 | 13.73 | 1.77 |
| 9.0 | 1359 | 23.0 | | | 0.69 | 7.8 | | 9.4 | 10.1 | 100 | | 1.01 | 124 | | 3.37 | 13.72 | 1.89 |
| 9.0 | 1359 | 24.0 | | | 0.77 | 8.9 | | 9.4 | 10.1 | 100 | | 1.36 | 167 | | 3.61 | 13.72 | 2.08 |
| 9.0 | 1359 | 25.0 | | | 0.81 | 9.5 | | 9.4 | 10.1 | 100 | | 1.90 | 233 | | 3.91 | 13.72 | 2.31 |
| 9.0 | 1359 | 26.0 | | | 0.83 | 9.8 | | 9.3 | 10.1 | 100 | | 2.99 | 365 | | 4.20 | 13.72 | 2.53 |
| 9.0 | 1359 | 27.0 | | | 0.88 | 10.5 | | 9.3 | 10.1 | 100 | | 3.25 | 397 | | 4.61 | 13.72 | 2.85 |
| 9.0 | 1359 | 28.0 | 12.8 | 0.31 | 0.89 | 10.5 | | 9.3 | 10.1 | 100 | | 3.82 | 466 | | 4.71 | 13.72 | 2.92 |
| 10.0 | 1347 | 1.0 | | | 0.44 | 4.5 | | 9.6 | 10.2 | 100 | | 0.37 | 46 | 4.2 | 0.47 | 14.17 | 0.00 |
| 10.0 | 1347 | 2.0 | | | 0.44 | 4.6 | | 9.6 | 10.2 | 100 | | 0.35 | 44 | | 0.47 | 14.16 | 0.00 |
| 10.0 | 1347 | 3.0 | | | 0.45 | 4.6 | | 9.6 | 10.2 | 100 | | 0.36 | 45 | | 0.50 | 14.04 | 0.00 |
| 10.0 | 1347 | 4.0 | | | 0.47 | 4.9 | | 9.6 | 10.2 | 100 | | 0.36 | 45 | | 0.55 | 13.99 | 0.00 |
| 10.0 | 1347 | 5.0 | | | 0.48 | 5.0 | | 9.6 | 10.2 | 100 | | 0.35 | 45 | | 0.64 | 13.92 | 0.00 |
| 10.0 | 1347 | 6.0 | | | 0.47 | 5.0 | | 9.6 | 10.2 | 100 | | 0.34 | 43 | | 0.65 | 13.92 | 0.00 |
| 10.0 | 1347 | 7.0 | | | 0.47 | 4.9 | | 9.6 | 10.2 | 99 | | 0.34 | 43 | | 0.74 | 13.84 | 0.00 |
| 10.0 | 1347 | 8.0 | | | 0.46 | 4.8 | | 9.6 | 10.2 | 100 | | 0.34 | 42 | | 0.89 | 13.81 | 0.00 |
| 10.0 | 1347 | 9.0 | | | 0.46 | 4.7 | | 9.5 | 10.2 | 100 | | 0.33 | 42 | | 1.04 | 13.80 | 0.08 |
| 10.0 | 1347 | 10.0 | | | 0.46 | 4.8 | | 9.5 | 10.2 | 100 | | 0.32 | 40 | | 1.58 | 13.76 | 0.50 |
| 10.0 | 1347 | 11.0 | | | 0.47 | 4.8 | | 9.5 | 10.2 | 100 | | 0.31 | 40 | | 1.52 | 13.76 | 0.46 |
| 10.0 | 1347 | 12.0 | | | 0.48 | 5.0 | | 9.5 | 10.2 | 100 | | 0.31 | 39 | | 2.28 | 13.75 | 1.05 |
| 10.0 | 1347 | 13.0 | | | 0.48 | 5.1 | | 9.4 | 10.2 | 100 | | 0.31 | 39 | | 3.08 | 13.74 | 1.66 |
| 10.0 | 1347 | 14.0 | | | 0.48 | 5.1 | | 9.4 | 10.2 | 100 | | 0.32 | 40 | | 3.24 | 13.74 | 1.79 |
| 10.0 | 1347 | 15.0 | | | 0.49 | 5.1 | | 9.4 | 10.1 | 100 | | 0.31 | 39 | | 3.71 | 13.74 | 2.15 |
| 10.0 | 1347 | 16.0 | | | 0.51 | 5.4 | | 9.3 | 10.1 | 101 | | 0.29 | 37 | | 4.66 | 13.73 | 2.88 |
| 10.0 | 1347 | 17.0 | | | 0.58 | 6.3 | | 9.2 | 10.0 | 101 | | 0.40 | 50 | | 6.86 | 13.72 | 4.58 |
| 10.0 | 1347 | 18.0 | | | 0.58 | 6.4 | | 9.0 | 10.0 | 102 | | 1.04 | 128 | | 9.43 | 13.71 | 6.56 |

North San Francisco Bay March 17, 1998 98076

| 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 | 1315 | 1.0 | | | 0.48 | 5.0 | | 9.4 | 10.1 | 99 | | 0.30 | 38 | 3.4 | 2.08 | 13.78 | 0.89 |
| 11.0 | 1315 | 2.0 | | | 0.47 | 4.9 | | 9.4 | 10.1 | 99 | | 0.30 | 38 | | 2.48 | 13.74 | 1.21 |
| 11.0 | 1315 | 3.0 | | | 0.48 | 5.1 | | 9.3 | 10.1 | 100 | | 0.29 | 37 | | 4.31 | 13.72 | 2.62 |
| 11.0 | 1315 | 4.0 | | | 0.51 | 5.4 | | 9.2 | 10.1 | 100 | | 0.27 | 34 | | 4.87 | 13.71 | 3.05 |
| 11.0 | 1315 | 5.0 | | | 0.52 | 5.5 | | 9.2 | 10.1 | 100 | | 0.26 | 33 | | 4.91 | 13.71 | 3.08 |
| 11.0 | 1315 | 6.0 | | | 0.53 | 5.7 | | 9.3 | 10.1 | 100 | | 0.25 | 32 | | 4.99 | 13.71 | 3.14 |
| 11.0 | 1315 | 7.0 | | | 0.55 | 6.0 | | 9.3 | 10.1 | 101 | | 0.26 | 33 | | 5.11 | 13.72 | 3.23 |
| 11.0 | 1315 | 8.0 | | | 0.58 | 6.4 | | 9.3 | 10.1 | 101 | | 0.28 | 35 | | 5.29 | 13.74 | 3.37 |
| 11.0 | 1315 | 9.0 | | | 0.60 | 6.6 | | 9.3 | 10.1 | 101 | | 0.32 | 40 | | 5.63 | 13.78 | 3.63 |
| 11.0 | 1315 | 10.0 | | | 0.61 | 6.8 | | 9.2 | 10.1 | 101 | | 0.38 | 48 | | 5.73 | 13.78 | 3.70 |
| 11.0 | 1315 | 11.0 | | | 0.63 | 7.1 | | 9.2 | 10.1 | 101 | | 0.41 | 52 | | 5.79 | 13.77 | 3.75 |
| 11.0 | 1315 | 12.0 | | | 0.67 | 7.6 | | 9.2 | 10.0 | 101 | | 0.47 | 59 | | 6.07 | 13.75 | 3.97 |
| 11.0 | 1315 | 13.0 | | | 0.71 | 8.1 | | 9.2 | 10.0 | 101 | | 0.65 | 80 | | 6.64 | 13.75 | 4.41 |
| 11.0 | 1315 | 14.0 | | | 0.76 | 8.9 | | 9.1 | 10.0 | 102 | | 0.95 | 117 | | 7.85 | 13.78 | 5.33 |
| 11.0 | 1315 | 15.0 | | | 0.77 | 9.0 | | 8.8 | 9.9 | 102 | | 1.86 | 228 | | 10.88 | 13.80 | 7.66 |
| 11.0 | 1315 | 16.0 | | | 0.74 | 8.5 | | 8.6 | 9.8 | 104 | | 2.38 | 290 | | 15.26 | 13.72 | 11.03 |
| 11.0 | 1315 | 17.0 | | | 0.71 | 8.1 | | 8.5 | 9.7 | 104 | | 2.40 | 293 | | 16.17 | 13.71 | 11.74 |
| 11.0 | 1315 | 18.0 | | | 0.70 | 8.1 | | 8.5 | 9.7 | 104 | | 2.31 | 283 | | 16.26 | 13.71 | 11.81 |
| 11.0 | 1315 | 19.0 | | | 0.73 | 8.4 | | 8.5 | 9.7 | 104 | | 2.62 | 321 | | 16.41 | 13.71 | 11.92 |
| 11.0 | 1315 | 20.0 | | | 0.73 | 8.4 | | 8.5 | 9.7 | 104 | | 2.95 | 360 | | 16.43 | 13.71 | 11.94 |
| 12.0 | 1255 | 1.0 | | | 1.11 | 13.5 | | 9.6 | 10.2 | 103 | | 0.31 | 39 | 3.1 | 3.90 | 14.31 | 2.22 |
| 12.0 | 1255 | 2.0 | | | 1.11 | 13.6 | | 9.6 | 10.2 | 103 | | 0.31 | 40 | | 4.11 | 14.32 | 2.38 |
| 12.0 | 1255 | 3.0 | | | 1.07 | 13.1 | | 9.4 | 10.2 | 102 | | 0.32 | 41 | | 4.32 | 14.30 | 2.54 |
| 12.0 | 1255 | 4.0 | | | 0.96 | 11.5 | | 9.2 | 10.1 | 101 | | 0.33 | 41 | | 5.10 | 14.12 | 3.17 |
| 12.0 | 1255 | 5.0 | | | 0.79 | 9.2 | | 9.1 | 10.0 | 101 | | 0.33 | 42 | | 6.68 | 13.81 | 4.43 |
| 12.0 | 1255 | 6.0 | | | 0.66 | 7.5 | | 9.0 | 10.0 | 101 | | 0.31 | 39 | | 8.45 | 13.74 | 5.80 |
| 12.0 | 1255 | 7.0 | | | 0.61 | 6.8 | | 8.9 | 9.9 | 102 | | 0.29 | 37 | | 10.20 | 13.74 | 7.15 |
| 12.0 | 1255 | 8.0 | | | 0.56 | 6.1 | | 8.7 | 9.8 | 103 | | 0.27 | 34 | | 12.43 | 13.72 | 8.86 |
| 12.0 | 1255 | 9.0 | | | 0.55 | 6.0 | | 8.4 | 9.7 | 106 | | 0.28 | 35 | | 19.64 | 13.67 | 14.41 |
| 13.0 | 1231 | 1.0 | | | 0.72 | 8.2 | | 9.2 | 10.1 | 103 | | 0.25 | 32 | 2.6 | 7.96 | 14.28 | 5.34 |
| 13.0 | 1231 | 2.0 | 7.5 | 0.78 | 0.72 | 8.3 | 10.0 | 9.2 | 10.1 | 103 | 34.3 | 0.25 | 32 | | 8.25 | 14.20 | 5.57 |
| 13.0 | 1231 | 3.0 | | | 0.74 | 8.6 | | 9.2 | 10.1 | 104 | | 0.25 | 31 | | 8.52 | 14.18 | 5.78 |
| 13.0 | 1231 | 4.0 | | | 0.75 | 8.7 | | 9.1 | 10.0 | 103 | | 0.24 | 31 | | 8.91 | 14.14 | 6.09 |
| 13.0 | 1231 | 5.0 | | | 0.71 | 8.2 | | 9.0 | 10.0 | 103 | | 0.23 | 30 | | 9.77 | 14.05 | 6.77 |
| 13.0 | 1231 | 6.0 | | | 0.64 | 7.2 | | 8.9 | 9.9 | 103 | | 0.21 | 27 | | 11.92 | 13.88 | 8.44 |
| 13.0 | 1231 | 7.0 | | | 0.54 | 5.9 | | 8.7 | 9.8 | 104 | | 0.19 | 25 | | 14.84 | 13.80 | 10.70 |
| 13.0 | 1231 | 8.0 | | | 0.48 | 5.0 | | 8.6 | 9.8 | 104 | | 0.18 | 23 | | 16.01 | 13.78 | 11.61 |
| 13.0 | 1231 | 9.0 | | | 0.47 | 4.9 | | 8.5 | 9.7 | 105 | | 0.17 | 22 | | 18.48 | 13.76 | 13.50 |
| 13.0 | 1231 | 10.0 | 6.3 | 0.64 | 0.49 | 5.1 | | 8.4 | 9.7 | 107 | | 0.17 | 23 | | 21.43 | 13.73 | 15.78 |

North San Francisco Bay March 17, 1998 98076

| 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 | 1215 | 1.0 | | | 0.58 | 6.3 | | 9.1 | 10.0 | 103 | | 0.17 | 22 | | 7.99 | 14.07 | 5.40 |
| 14.0 | 1215 | 2.0 | | | 0.55 | 5.9 | | 9.0 | 10.0 | 102 | | 0.17 | 22 | | 9.23 | 13.83 | 6.39 |
| 14.0 | 1215 | 3.0 | | | 0.53 | 5.7 | | 9.0 | 9.9 | 103 | | 0.16 | 21 | | 10.45 | 13.80 | 7.33 |
| 14.0 | 1215 | 4.0 | | | 0.53 | 5.7 | | 9.0 | 9.9 | 103 | | 0.16 | 20 | | 11.19 | 13.82 | 7.89 |
| 14.0 | 1215 | 5.0 | | | 0.51 | 5.5 | | 8.9 | 9.9 | 104 | | 0.18 | 23 | | 12.15 | 13.85 | 8.63 |
| 14.0 | 1215 | 6.0 | | | 0.45 | 4.6 | | 8.7 | 9.8 | 105 | | 0.20 | 26 | | 15.85 | 13.84 | 11.47 |
| 14.0 | 1215 | 7.0 | | | 0.40 | 3.9 | | 8.5 | 9.7 | 106 | | 0.19 | 25 | | 19.25 | 13.78 | 14.10 |
| 14.0 | 1215 | 8.0 | | | 0.39 | 3.8 | | 8.3 | 9.6 | 106 | | 0.17 | 22 | | 20.72 | 13.71 | 15.23 |
| 14.0 | 1215 | 9.0 | | | 0.42 | 4.2 | | 8.3 | 9.6 | 106 | | 0.18 | 23 | | 21.56 | 13.68 | 15.89 |
| 14.0 | 1215 | 10.0 | | | 0.46 | 4.7 | | 8.3 | 9.6 | 106 | | 0.20 | 26 | | 21.73 | 13.66 | 16.02 |
| 14.0 | 1215 | 11.0 | | | 0.52 | 5.6 | | 8.2 | 9.6 | 106 | | 0.20 | 26 | | 21.83 | 13.66 | 16.10 |
| 14.0 | 1215 | 12.0 | | | 0.64 | 7.2 | | 8.2 | 9.6 | 106 | | 0.33 | 42 | | 21.84 | 13.66 | 16.11 |
| 14.0 | 1215 | 13.0 | | | 0.64 | 7.2 | | 8.2 | 9.6 | 106 | | 0.53 | 66 | | 22.10 | 13.66 | 16.31 |
| 15.0 | 1154 | 1.0 | | | 0.89 | 10.6 | | 9.7 | 10.3 | 104 | | 0.17 | 22 | | 5.83 | 14.14 | 3.72 |
| 15.0 | 1154 | 2.0 | 9.2 | 0.86 | 0.91 | 10.8 | 10.1 | 9.5 | 10.2 | 103 | | 0.17 | 22 | | 6.29 | 14.17 | 4.08 |
| 15.0 | 1154 | 3.0 | | | 0.78 | 9.2 | | 9.1 | 10.0 | 102 | | 0.18 | 23 | | 7.11 | 14.03 | 4.73 |
| 15.0 | 1154 | 4.0 | | | 0.60 | 6.6 | | 9.1 | 10.0 | 103 | | 0.18 | 23 | | 9.67 | 13.76 | 6.73 |
| 15.0 | 1154 | 5.0 | | | 0.52 | 5.5 | | 9.0 | 9.9 | 104 | | 0.17 | 23 | | 11.82 | 13.80 | 8.38 |
| 15.0 | 1154 | 6.0 | | | 0.50 | 5.4 | | 9.0 | 9.9 | 104 | | 0.17 | 22 | | 12.59 | 13.79 | 8.97 |
| 15.0 | 1154 | 7.0 | | | 0.52 | 5.6 | | 8.9 | 9.9 | 105 | | 0.17 | 23 | | 14.12 | 13.81 | 10.15 |
| 15.0 | 1154 | 8.0 | | | 0.54 | 5.8 | | 8.8 | 9.9 | 105 | | 0.18 | 23 | | 15.16 | 13.83 | 10.94 |
| 15.0 | 1154 | 9.0 | | | 0.53 | 5.7 | | 8.8 | 9.8 | 105 | | 0.19 | 25 | | 16.15 | 13.83 | 11.70 |
| 15.0 | 1154 | 10.0 | | | 0.51 | 5.5 | | 8.7 | 9.8 | 106 | | 0.19 | 25 | | 17.31 | 13.82 | 12.59 |
| 15.0 | 1154 | 11.0 | | | 0.50 | 5.3 | | 8.7 | 9.8 | 106 | | 0.19 | 24 | | 17.45 | 13.81 | 12.71 |
| 15.0 | 1154 | 12.0 | | | 0.46 | 4.8 | | 8.6 | 9.8 | 106 | | 0.19 | 24 | | 17.89 | 13.79 | 13.05 |
| 15.0 | 1154 | 13.0 | | | 0.42 | 4.2 | | 8.4 | 9.7 | 106 | | 0.18 | 24 | | 20.44 | 13.71 | 15.02 |
| 15.0 | 1154 | 14.0 | | | 0.40 | 4.0 | | 8.4 | 9.7 | 106 | | 0.17 | 22 | | 20.99 | 13.70 | 15.44 |
| 15.0 | 1154 | 15.0 | | | 0.39 | 3.8 | | 8.3 | 9.7 | 106 | | 0.17 | 21 | | 21.14 | 13.70 | 15.56 |
| 15.0 | 1154 | 16.0 | | | 0.41 | 4.1 | | 8.3 | 9.6 | 107 | | 0.20 | 25 | | 22.19 | 13.66 | 16.37 |
| 15.0 | 1154 | 17.0 | | | 0.48 | 5.0 | | 8.2 | 9.6 | 107 | | 0.30 | 38 | | 23.14 | 13.63 | 17.11 |
| 15.0 | 1154 | 18.0 | | | 0.54 | 5.8 | | 8.2 | 9.6 | 107 | | 0.46 | 58 | | 23.67 | 13.61 | 17.52 |
| 15.0 | 1154 | 19.0 | | | 0.56 | 6.1 | | 8.1 | 9.6 | 107 | | 0.55 | 68 | | 24.37 | 13.59 | 18.07 |
| 15.0 | 1154 | 20.0 | | | 0.57 | 6.2 | | 8.1 | 9.5 | 107 | | 0.63 | 78 | | 24.77 | 13.57 | 18.38 |
| 15.0 | 1154 | 21.0 | | | 0.57 | 6.3 | | 8.1 | 9.5 | 107 | | 0.76 | 94 | | 24.95 | 13.57 | 18.52 |
| 15.0 | 1154 | 22.0 | | | 0.58 | 6.4 | | 8.1 | 9.5 | 107 | | 0.82 | 101 | | 24.97 | 13.57 | 18.54 |
| 15.0 | 1154 | 23.0 | 6.4 | 0.45 | 0.59 | 6.5 | | 8.1 | 9.5 | 107 | | 0.84 | 104 | | 24.98 | 13.57 | 18.55 |
| 16.0 | 1124 | 1.0 | | | 0.55 | 6.0 | | 9.3 | 10.1 | 103 | | 0.17 | 22 | 2.5 | 6.48 | 14.15 | 4.22 |
| 16.0 | 1124 | 2.0 | | | 0.53 | 5.7 | | 9.3 | 10.1 | 103 | | 0.17 | 22 | | 8.27 | 13.96 | 5.63 |
| 16.0 | 1124 | 3.0 | | | 0.50 | 5.3 | | 9.2 | 10.0 | 104 | | 0.16 | 21 | | 9.97 | 13.95 | 6.94 |
| 16.0 | 1124 | 4.0 | | | 0.49 | 5.2 | | 9.0 | 10.0 | 104 | | 0.15 | 20 | | 11.05 | 13.93 | 7.77 |
| 16.0 | 1124 | 5.0 | | | 0.48 | 5.0 | | 8.8 | 9.9 | 104 | | 0.15 | 20 | | 13.57 | 13.88 | 9.71 |

North San Francisco Bay March 17, 1998 98076

| 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 | 1124 | 6.0 | | | 0.48 | 5.0 | | 8.7 | 9.8 | 105 | | 0.16 | 21 | | 15.83 | 13.82 | 11.45 |
| 16.0 | 1124 | 7.0 | | | 0.46 | 4.8 | | 8.5 | 9.7 | 105 | | 0.18 | 24 | | 18.31 | 13.76 | 13.37 |
| 16.0 | 1124 | 8.0 | | | 0.41 | 4.1 | | 8.2 | 9.6 | 106 | | 0.18 | 24 | | 22.22 | 13.65 | 16.40 |
| 16.0 | 1124 | 9.0 | | | 0.38 | 3.6 | | 8.2 | 9.6 | 107 | | 0.26 | 33 | | 23.68 | 13.61 | 17.53 |
| 16.0 | 1124 | 10.0 | | | 0.38 | 3.7 | | 8.1 | 9.6 | 107 | | 0.35 | 44 | | 23.86 | 13.61 | 17.67 |
| 17.0 | 1102 | 1.0 | | | 0.50 | 5.3 | | 9.3 | 10.1 | 105 | | 0.13 | 17 | 1.6 | 11.14 | 14.07 | 7.82 |
| 17.0 | 1102 | 2.0 | | | 0.50 | 5.3 | | 9.2 | 10.1 | 106 | | 0.12 | 16 | | 12.66 | 14.06 | 8.98 |
| 17.0 | 1102 | 3.0 | | | 0.47 | 4.9 | | 9.1 | 10.0 | 106 | | 0.11 | 14 | | 13.94 | 14.08 | 9.96 |
| 17.0 | 1102 | 4.0 | | | 0.41 | 4.2 | | 9.0 | 10.0 | 107 | | 0.09 | 12 | | 15.91 | 14.07 | 11.48 |
| 17.0 | 1102 | 5.0 | | | 0.36 | 3.4 | | 8.9 | 9.9 | 108 | | 0.07 | 10 | | 17.77 | 13.98 | 12.92 |
| 17.0 | 1102 | 6.0 | | | 0.35 | 3.2 | | 8.9 | 9.9 | 108 | | 0.06 | 9 | | 18.49 | 13.92 | 13.48 |
| 17.0 | 1102 | 7.0 | | | 0.33 | 3.0 | | 8.8 | 9.9 | 108 | | 0.06 | 9 | | 18.92 | 13.88 | 13.82 |
| 17.0 | 1102 | 8.0 | | | 0.30 | 2.7 | | 8.7 | 9.8 | 108 | | 0.07 | 10 | | 20.14 | 13.80 | 14.77 |
| 17.0 | 1102 | 9.0 | | | 0.31 | 2.7 | | 8.6 | 9.7 | 108 | | 0.08 | 11 | | 21.30 | 13.74 | 15.67 |
| 17.0 | 1102 | 10.0 | | | 0.30 | 2.6 | | 8.5 | 9.7 | 107 | | 0.09 | 13 | | 21.89 | 13.71 | 16.13 |
| 17.0 | 1102 | 11.0 | | | 0.31 | 2.8 | | 8.4 | 9.7 | 107 | | 0.10 | 13 | | 22.13 | 13.70 | 16.32 |
| 17.0 | 1102 | 12.0 | | | 0.36 | 3.4 | | 8.4 | 9.7 | 108 | | 0.10 | 14 | | 22.61 | 13.67 | 16.70 |
| 17.0 | 1102 | 13.0 | | | 0.36 | 3.4 | | 8.4 | 9.7 | 108 | | 0.12 | 17 | | 23.24 | 13.66 | 17.18 |
| 18.0 | 1041 | 1.0 | | | 0.55 | 6.0 | | 9.3 | 10.1 | 109 | | 0.07 | 10 | 1.2 | 16.70 | 14.21 | 12.06 |
| 18.0 | 1041 | 2.0 | 5.5 | 0.77 | 0.53 | 5.7 | 10.1 | 9.2 | 10.0 | 109 | 10.7 | 0.07 | 10 | | 17.34 | 14.08 | 12.57 |
| 18.0 | 1041 | 3.0 | | | 0.48 | 5.0 | | 9.1 | 10.0 | 109 | | 0.07 | 10 | | 18.16 | 14.01 | 13.22 |
| 18.0 | 1041 | 4.0 | | | 0.46 | 4.7 | | 9.1 | 10.0 | 109 | | 0.07 | 10 | | 18.31 | 13.99 | 13.33 |
| 18.0 | 1041 | 5.0 | | | 0.43 | 4.4 | | 9.0 | 10.0 | 109 | | 0.07 | 10 | | 18.45 | 13.98 | 13.44 |
| 18.0 | 1041 | 6.0 | | | 0.40 | 3.9 | | 9.0 | 9.9 | 108 | | 0.07 | 10 | | 18.47 | 13.98 | 13.46 |
| 18.0 | 1041 | 7.0 | | | 0.37 | 3.6 | | 9.0 | 9.9 | 108 | | 0.07 | 10 | | 18.53 | 13.96 | 13.51 |
| 18.0 | 1041 | 8.0 | | | 0.37 | 3.5 | | 8.9 | 9.9 | 108 | | 0.07 | 10 | | 18.69 | 13.95 | 13.64 |
| 18.0 | 1041 | 9.0 | | | 0.37 | 3.5 | | 8.9 | 9.9 | 108 | | 0.07 | 10 | | 18.99 | 13.94 | 13.86 |
| 18.0 | 1041 | 10.0 | | | 0.37 | 3.5 | | 8.9 | 9.9 | 108 | | 0.07 | 10 | | 19.32 | 13.93 | 14.12 |
| 18.0 | 1041 | 11.0 | | | 0.40 | 4.0 | | 8.9 | 9.9 | 109 | | 0.07 | 10 | | 20.21 | 13.93 | 14.80 |
| 18.0 | 1041 | 12.0 | | | 0.44 | 4.4 | | 8.9 | 9.9 | 109 | | 0.08 | 12 | | 20.46 | 13.95 | 14.99 |
| 18.0 | 1041 | 13.0 | | | 0.46 | 4.7 | | 8.9 | 9.9 | 109 | | 0.09 | 12 | | 20.55 | 13.95 | 15.06 |
| 18.0 | 1041 | 14.0 | | | 0.46 | 4.8 | | 8.9 | 9.9 | 109 | | 0.09 | 13 | | 20.67 | 13.95 | 15.15 |
| 18.0 | 1041 | 15.0 | | | 0.46 | 4.8 | | 8.8 | 9.9 | 109 | | 0.09 | 12 | | 21.24 | 13.91 | 15.60 |
| 18.0 | 1041 | 16.0 | | | 0.46 | 4.8 | | 8.7 | 9.8 | 109 | | 0.09 | 12 | | 21.57 | 13.89 | 15.86 |
| 18.0 | 1041 | 17.0 | | | 0.45 | 4.6 | | 8.7 | 9.8 | 109 | | 0.09 | 12 | | 21.85 | 13.87 | 16.08 |
| 18.0 | 1041 | 18.0 | | | 0.44 | 4.5 | | 8.7 | 9.8 | 109 | | 0.09 | 12 | | 21.91 | 13.87 | 16.12 |
| 18.0 | 1041 | 19.0 | | | 0.43 | 4.4 | | 8.7 | 9.8 | 109 | | 0.09 | 12 | | 22.09 | 13.85 | 16.27 |
| 18.0 | 1041 | 20.0 | | | 0.43 | 4.3 | | 8.5 | 9.7 | 108 | | 0.10 | 13 | | 22.73 | 13.81 | 16.77 |
| 18.0 | 1041 | 21.0 | | | 0.43 | 4.4 | | 8.4 | 9.7 | 108 | | 0.12 | 16 | | 24.09 | 13.71 | 17.83 |
| 18.0 | 1041 | 22.0 | | | 0.42 | 4.2 | | 8.3 | 9.6 | 109 | | 0.13 | 18 | | 25.26 | 13.63 | 18.74 |
| 18.0 | 1041 | 23.0 | | | 0.41 | 4.1 | | 8.3 | 9.6 | 109 | | 0.14 | 18 | | 25.50 | 13.61 | 18.93 |

North San Francisco Bay | March 17, 1998 | 98076

| 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 | 1041 | 24.0 | | | 0.42 | 4.2 | | 8.2 | 9.6 | 109 | | 0.14 | 18 | | 25.64 | 13.61 | 19.05 |
| 18.0 | 1041 | 25.0 | | | 0.41 | 4.1 | | 8.2 | 9.6 | 109 | | 0.14 | 18 | | 25.70 | 13.60 | 19.09 |
| 18.0 | 1041 | 26.0 | | | 0.40 | 4.0 | | 8.2 | 9.6 | 108 | | 0.14 | 18 | | 25.72 | 13.60 | 19.10 |
| 18.0 | 1041 | 27.0 | | | 0.40 | 4.0 | | 8.1 | 9.6 | 108 | | 0.14 | 19 | | 25.86 | 13.59 | 19.22 |
| 18.0 | 1041 | 28.0 | | | 0.38 | 3.7 | | 8.1 | 9.5 | 108 | | 0.15 | 19 | | 26.73 | 13.52 | 19.90 |
| 18.0 | 1041 | 29.0 | | | 0.36 | 3.4 | | 8.0 | 9.5 | 108 | | 0.15 | 20 | | 27.29 | 13.49 | 20.33 |
| 18.0 | 1041 | 30.0 | | | 0.36 | 3.3 | | 7.9 | 9.5 | 108 | | 0.14 | 19 | | 27.97 | 13.45 | 20.87 |
| 18.0 | 1041 | 31.0 | | | 0.37 | 3.5 | | 7.9 | 9.5 | 108 | | 0.13 | 18 | | 28.35 | 13.43 | 21.17 |
| 18.0 | 1041 | 32.0 | | | 0.36 | 3.5 | | 7.9 | 9.4 | 108 | | 0.13 | 18 | | 28.45 | 13.42 | 21.25 |
| 18.0 | 1041 | 33.0 | | | 0.36 | 3.3 | | 7.9 | 9.4 | 108 | | 0.13 | 17 | | 28.52 | 13.41 | 21.30 |
| 18.0 | 1041 | 34.0 | | | 0.37 | 3.6 | | 7.9 | 9.5 | 108 | | 0.13 | 17 | | 28.53 | 13.41 | 21.31 |
| 18.0 | 1041 | 35.0 | | | 0.38 | 3.7 | | 7.9 | 9.4 | 108 | | 0.13 | 17 | | 28.54 | 13.41 | 21.32 |
| 18.0 | 1041 | 36.0 | 3.7 | 0.57 | 0.37 | 3.6 | | 7.9 | 9.4 | 108 | | 0.13 | 17 | | 28.56 | 13.41 | 21.33 |
| 20.0 | 1021 | 1.0 | | | 0.48 | 5.1 | | 9.1 | 10.0 | 105 | | 0.09 | 12 | 1.5 | 11.98 | 14.26 | 8.43 |
| 20.0 | 1021 | 2.0 | | | 0.52 | 5.5 | | 9.1 | 10.0 | 107 | | 0.09 | 13 | | 15.16 | 14.06 | 10.90 |
| 20.0 | 1021 | 3.0 | | | 0.51 | 5.4 | | 9.1 | 10.0 | 108 | | 0.09 | 12 | | 15.86 | 14.08 | 11.44 |
| 20.0 | 1021 | 4.0 | | | 0.48 | 5.1 | | 9.1 | 10.0 | 108 | | 0.08 | 11 | | 16.22 | 14.08 | 11.71 |
| 20.0 | 1021 | 5.0 | | | 0.46 | 4.7 | | 9.2 | 10.0 | 108 | | 0.07 | 10 | | 16.54 | 14.07 | 11.96 |
| 20.0 | 1021 | 6.0 | | | 0.44 | 4.5 | | 9.2 | 10.0 | 109 | | 0.06 | 9 | | 16.86 | 14.08 | 12.20 |
| 20.0 | 1021 | 7.0 | | | 0.43 | 4.3 | | 9.2 | 10.0 | 109 | | 0.06 | 9 | | 17.13 | 14.08 | 12.41 |
| 20.0 | 1021 | 8.0 | | | 0.41 | 4.1 | | 9.2 | 10.0 | 109 | | 0.06 | 8 | | 17.39 | 14.08 | 12.61 |
| 20.0 | 1021 | 9.0 | | | 0.38 | 3.7 | | 9.1 | 10.0 | 109 | | 0.05 | 8 | | 18.63 | 14.06 | 13.56 |
| 20.0 | 1021 | 10.0 | | | 0.34 | 3.1 | | 8.9 | 9.9 | 109 | | 0.05 | 8 | | 19.75 | 14.02 | 14.44 |
| 20.0 | 1021 | 11.0 | | | 0.31 | 2.8 | | 8.9 | 9.9 | 109 | | 0.05 | 7 | | 19.94 | 13.99 | 14.59 |
| 20.0 | 1021 | 12.0 | | | 0.31 | 2.7 | | 8.8 | 9.9 | 109 | | 0.05 | 7 | | 20.23 | 13.95 | 14.82 |
| 20.0 | 1021 | 13.0 | | | 0.30 | 2.6 | | 8.8 | 9.8 | 109 | | 0.05 | 7 | | 20.61 | 13.91 | 15.11 |
| 20.0 | 1021 | 14.0 | | | 0.30 | 2.6 | | 8.8 | 9.8 | 109 | | 0.05 | 8 | | 20.74 | 13.90 | 15.22 |
| 20.0 | 1021 | 15.0 | | | 0.32 | 2.9 | | 8.7 | 9.8 | 108 | | 0.05 | 8 | | 20.78 | 13.90 | 15.25 |
| 20.0 | 1021 | 16.0 | | | 0.33 | 3.0 | | 8.7 | 9.8 | 108 | | 0.05 | 8 | | 20.90 | 13.88 | 15.34 |
| 20.0 | 1021 | 17.0 | | | 0.32 | 2.9 | | 8.7 | 9.8 | 108 | | 0.05 | 8 | | 21.18 | 13.85 | 15.57 |
| 20.0 | 1021 | 18.0 | | | 0.32 | 2.8 | | 8.6 | 9.8 | 108 | | 0.06 | 8 | | 21.92 | 13.80 | 16.14 |
| 20.0 | 1021 | 19.0 | | | 0.31 | 2.8 | | 8.5 | 9.7 | 108 | | 0.06 | 8 | | 22.47 | 13.77 | 16.57 |
| 20.0 | 1021 | 20.0 | | | 0.34 | 3.1 | | 8.4 | 9.7 | 108 | | 0.06 | 9 | | 23.08 | 13.72 | 17.05 |
| 20.0 | 1021 | 21.0 | | | 0.38 | 3.7 | | 8.3 | 9.6 | 108 | | 0.07 | 10 | | 24.28 | 13.65 | 17.99 |
| 20.0 | 1021 | 22.0 | | | 0.42 | 4.3 | | 8.3 | 9.6 | 108 | | 0.11 | 14 | | 24.82 | 13.61 | 18.41 |
| 20.0 | 1021 | 23.0 | | | 0.43 | 4.4 | | 8.2 | 9.6 | 108 | | 0.14 | 18 | | 25.08 | 13.60 | 18.61 |
| 20.0 | 1021 | 24.0 | | | 0.44 | 4.5 | | 8.2 | 9.6 | 108 | | 0.15 | 20 | | 25.46 | 13.58 | 18.91 |
| 20.0 | 1021 | 25.0 | | | 0.44 | 4.5 | | 8.2 | 9.6 | 108 | | 0.18 | 23 | | 25.64 | 13.57 | 19.05 |

North San Francisco Bay | March 17, 1998 | Year Day: 98076

| | n | r^2 | Slope | Inter. | Std. Err. |
|---|---|---|---|---|---|
| Fluorometer Calibration: | 12 | 0.904 | 13.555 | -1.470 | 1.021 |
| OBS Calibration: | 6 | 0.984 | 121.707 | 1.415 | 1.680 |
| Dissolved Oxygen Calibration: | 6 | 0.567 | 0.464 | 5.780 | 0.082 |

SeaBird v4.026

South San Francisco Bay March 17, 1998 98076

| 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 | 0639 | 1.0 | | | | | | 10.1 | 10.8 | 114 | | 2.19 | 339 | | 6.08 | 16.14 | 3.58 |
| 36.0 | 0639 | 2.0 | | | | | 10.3 | 10.5 | 11.1 | 118 | 342.7 | 2.23 | 345 | | 6.84 | 16.27 | 4.14 |
| 36.0 | 0639 | 3.0 | | | | | | 10.9 | 11.4 | 123 | | 2.48 | 383 | | 7.64 | 16.40 | 4.73 |
| 36.0 | 0639 | 4.0 | | | | | | 11.1 | 11.6 | 125 | | 3.23 | 498 | | 8.05 | 16.37 | 5.05 |
| 36.0 | 0639 | 5.0 | | | | | | 11.2 | 11.7 | 126 | | 3.44 | 531 | | 8.37 | 16.33 | 5.30 |
| 36.0 | 0639 | 6.0 | | | | | | 11.1 | 11.6 | 125 | | 3.52 | 543 | | 8.97 | 16.23 | 5.78 |
| 34.0 | 0701 | 1.0 | | | | | | 10.9 | 11.5 | 123 | | 1.81 | 280 | | 9.60 | 15.69 | 6.36 |
| 34.0 | 0701 | 2.0 | | | | | | 10.8 | 11.4 | 122 | | 1.82 | 283 | | 9.65 | 15.62 | 6.41 |
| 34.0 | 0701 | 3.0 | | | | | | 10.6 | 11.2 | 120 | | 1.96 | 303 | | 9.64 | 15.49 | 6.43 |
| 34.0 | 0701 | 4.0 | | | | | | 10.5 | 11.2 | 119 | | 2.06 | 320 | | 9.67 | 15.44 | 6.46 |
| 34.0 | 0701 | 5.0 | | | | | | 10.6 | 11.2 | 119 | | 2.05 | 318 | | 9.69 | 15.43 | 6.47 |
| 34.0 | 0701 | 6.0 | | | | | | 10.6 | 11.3 | 120 | | 2.05 | 317 | | 9.75 | 15.44 | 6.52 |
| 34.0 | 0701 | 7.0 | | | | | | 10.6 | 11.2 | 120 | | 2.01 | 312 | | 10.09 | 15.65 | 6.74 |
| 32.0 | 0720 | 1.0 | | | | | | 11.7 | 12.1 | 129 | | 1.12 | 174 | | 9.47 | 15.63 | 6.27 |
| 32.0 | 0720 | 2.0 | | | | | 12.0 | 11.8 | 12.2 | 131 | 175.3 | 1.10 | 172 | | 9.88 | 15.64 | 6.58 |
| 32.0 | 0720 | 3.0 | | | | | | 12.1 | 12.4 | 133 | | 1.08 | 169 | | 10.35 | 15.60 | 6.95 |
| 32.0 | 0720 | 4.0 | | | | | | 12.2 | 12.6 | 135 | | 1.06 | 166 | | 10.64 | 15.62 | 7.17 |
| 32.0 | 0720 | 5.0 | | | | | | 12.3 | 12.6 | 136 | | 1.02 | 159 | | 10.78 | 15.61 | 7.28 |
| 32.0 | 0720 | 6.0 | | | | | | 12.2 | 12.5 | 135 | | 0.98 | 154 | | 10.94 | 15.56 | 7.41 |
| 32.0 | 0720 | 7.0 | | | | | | 12.1 | 12.5 | 134 | | 0.98 | 153 | | 11.21 | 15.49 | 7.63 |
| 32.0 | 0720 | 8.0 | | | | | | 12.1 | 12.5 | 134 | | 1.09 | 170 | | 11.45 | 15.44 | 7.81 |
| 32.0 | 0720 | 9.0 | | | | | | 12.0 | 12.4 | 133 | | 1.24 | 193 | | 11.53 | 15.42 | 7.88 |
| 32.0 | 0720 | 10.0 | | | | | | 12.0 | 12.3 | 133 | | 1.44 | 224 | | 11.71 | 15.37 | 8.03 |
| 32.0 | 0720 | 11.0 | | | | | | 12.0 | 12.3 | 133 | | 1.66 | 258 | | 11.88 | 15.32 | 8.16 |
| 32.0 | 0720 | 12.0 | | | | | | 12.0 | 12.4 | 134 | | 1.78 | 276 | | 11.95 | 15.30 | 8.23 |
| 30.0 | 0743 | 1.0 | | | 11.62 | 118.6 | | 12.6 | 12.8 | 138 | | 0.47 | 75 | 4.1 | 10.97 | 15.44 | 7.45 |
| 30.0 | 0743 | 2.0 | 113.3 | 0.85 | 11.51 | 117.4 | 12.9 | 12.5 | 12.8 | 137 | 75.6 | 0.47 | 75 | | 11.24 | 15.43 | 7.66 |
| 30.0 | 0743 | 3.0 | | | 10.23 | 104.7 | | 12.2 | 12.6 | 135 | | 0.48 | 76 | | 11.90 | 15.35 | 8.18 |
| 30.0 | 0743 | 4.0 | | | 8.39 | 86.5 | | 11.9 | 12.3 | 132 | | 0.46 | 74 | | 12.56 | 15.12 | 8.72 |
| 30.0 | 0743 | 5.0 | | | 7.13 | 73.9 | | 11.7 | 12.1 | 130 | | 0.40 | 65 | | 13.11 | 14.93 | 9.18 |
| 30.0 | 0743 | 6.0 | | | 6.49 | 67.6 | | 11.6 | 12.0 | 129 | | 0.36 | 58 | | 13.27 | 14.87 | 9.31 |
| 30.0 | 0743 | 7.0 | | | 6.14 | 64.1 | | 11.5 | 12.0 | 129 | | 0.34 | 54 | | 13.35 | 14.85 | 9.37 |
| 30.0 | 0743 | 8.0 | | | 6.00 | 62.7 | | 11.5 | 12.0 | 129 | | 0.31 | 50 | | 13.38 | 14.85 | 9.40 |
| 30.0 | 0743 | 9.0 | | | 6.13 | 64.0 | | 11.4 | 11.9 | 128 | | 0.29 | 48 | | 13.41 | 14.83 | 9.43 |
| 30.0 | 0743 | 10.0 | | | 6.60 | 68.6 | | 11.3 | 11.8 | 126 | | 0.29 | 47 | | 13.54 | 14.77 | 9.54 |
| 30.0 | 0743 | 11.0 | | | 6.89 | 71.6 | | 11.1 | 11.6 | 125 | | 0.30 | 49 | | 13.85 | 14.63 | 9.80 |
| 30.0 | 0743 | 12.0 | | | 6.85 | 71.2 | | 11.0 | 11.5 | 124 | | 0.32 | 52 | | 14.06 | 14.56 | 9.97 |
| 30.0 | 0743 | 13.0 | | | 6.96 | 72.3 | | 10.9 | 11.5 | 123 | | 0.35 | 57 | | 14.18 | 14.51 | 10.07 |
| 30.0 | 0743 | 14.0 | 77.1 | 0.87 | 7.01 | 72.8 | | 10.9 | 11.5 | 123 | | 0.35 | 57 | | 14.26 | 14.49 | 10.13 |

South San Francisco Bay | March 17, 1998 | 98076

| 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 | 0806 | 1.0 | | | 6.12 | 63.9 | | 11.7 | 12.2 | 130 | | 0.24 | 40 | 3.2 | 13.41 | 14.74 | 9.44 |
| 29.0 | 0806 | 2.0 | | | 6.07 | 63.4 | | 11.8 | 12.2 | 131 | | 0.24 | 39 | | 13.42 | 14.75 | 9.45 |
| 29.0 | 0806 | 3.0 | | | 6.10 | 63.7 | | 11.8 | 12.2 | 131 | | 0.24 | 39 | | 13.42 | 14.75 | 9.45 |
| 29.0 | 0806 | 4.0 | | | 5.70 | 59.7 | | 11.8 | 12.2 | 131 | | 0.24 | 39 | | 13.41 | 14.74 | 9.44 |
| 29.0 | 0806 | 5.0 | | | 4.63 | 49.1 | | 11.6 | 12.0 | 129 | | 0.23 | 38 | | 13.73 | 14.74 | 9.69 |
| 29.0 | 0806 | 6.0 | | | 3.89 | 41.8 | | 11.3 | 11.8 | 126 | | 0.20 | 34 | | 14.42 | 14.57 | 10.24 |
| 29.0 | 0806 | 7.0 | | | 3.71 | 39.9 | | 11.0 | 11.5 | 124 | | 0.18 | 31 | | 14.71 | 14.48 | 10.48 |
| 29.0 | 0806 | 8.0 | | | 3.47 | 37.6 | | 10.7 | 11.3 | 121 | | 0.19 | 32 | | 14.98 | 14.39 | 10.71 |
| 29.0 | 0806 | 9.0 | | | 3.31 | 36.0 | | 10.5 | 11.2 | 120 | | 0.19 | 32 | | 15.24 | 14.31 | 10.92 |
| 29.0 | 0806 | 10.0 | | | 3.39 | 36.8 | | 10.5 | 11.1 | 120 | | 0.19 | 32 | | 15.30 | 14.30 | 10.97 |
| 29.0 | 0806 | 11.0 | | | 3.50 | 37.9 | | 10.4 | 11.1 | 119 | | 0.20 | 33 | | 15.35 | 14.30 | 11.00 |
| 29.0 | 0806 | 12.0 | | | 3.68 | 39.7 | | 10.4 | 11.0 | 119 | | 0.21 | 35 | | 15.40 | 14.30 | 11.04 |
| 29.0 | 0806 | 13.0 | | | 3.98 | 42.6 | | 10.3 | 11.0 | 118 | | 0.23 | 39 | | 15.47 | 14.28 | 11.10 |
| 29.0 | 0806 | 14.0 | | | 4.97 | 52.4 | | 10.3 | 10.9 | 118 | | 0.26 | 43 | | 15.63 | 14.24 | 11.23 |
| 29.0 | 0806 | 15.0 | | | 5.19 | 54.7 | | 10.3 | 11.0 | 118 | | 0.30 | 48 | | 16.01 | 14.18 | 11.53 |
| 27.0 | 0828 | 1.0 | | | 2.81 | 31.0 | | 11.3 | 11.8 | 127 | | 0.18 | 30 | 2.6 | 14.29 | 14.59 | 10.15 |
| 27.0 | 0828 | 2.0 | 36.3 | 0.86 | 2.31 | 26.1 | 12.2 | 11.3 | 11.8 | 127 | 28.9 | 0.17 | 29 | | 14.55 | 14.58 | 10.34 |
| 27.0 | 0828 | 3.0 | | | 1.79 | 20.9 | | 11.1 | 11.6 | 125 | | 0.14 | 25 | | 14.89 | 14.57 | 10.60 |
| 27.0 | 0828 | 4.0 | | | 1.42 | 17.3 | | 10.6 | 11.2 | 121 | | 0.12 | 21 | | 15.47 | 14.41 | 11.08 |
| 27.0 | 0828 | 5.0 | | | 1.18 | 14.9 | | 10.2 | 10.9 | 118 | | 0.10 | 19 | | 16.05 | 14.25 | 11.55 |
| 27.0 | 0828 | 6.0 | | | 1.02 | 13.3 | | 10.0 | 10.7 | 116 | | 0.09 | 16 | | 16.46 | 14.18 | 11.88 |
| 27.0 | 0828 | 7.0 | | | 0.97 | 12.8 | | 9.8 | 10.6 | 115 | | 0.08 | 15 | | 16.74 | 14.15 | 12.10 |
| 27.0 | 0828 | 8.0 | | | 0.97 | 12.7 | | 9.7 | 10.5 | 114 | | 0.08 | 15 | | 16.98 | 14.17 | 12.28 |
| 27.0 | 0828 | 9.0 | | | 0.96 | 12.6 | | 9.7 | 10.4 | 113 | | 0.09 | 16 | | 17.10 | 14.19 | 12.37 |
| 27.0 | 0828 | 10.0 | | | 0.97 | 12.8 | | 9.6 | 10.4 | 113 | | 0.09 | 16 | | 17.18 | 14.21 | 12.43 |
| 27.0 | 0828 | 11.0 | | | 1.03 | 13.3 | | 9.6 | 10.4 | 113 | | 0.10 | 18 | | 17.30 | 14.24 | 12.51 |
| 27.0 | 0828 | 12.0 | 10.9 | 0.71 | 1.03 | 13.4 | | 9.6 | 10.4 | 113 | | 0.11 | 19 | | 17.40 | 14.27 | 12.58 |
| 25.0 | 0855 | 1.0 | | | 1.47 | 17.7 | | 10.7 | 11.3 | 122 | | 0.09 | 16 | 1.5 | 15.56 | 14.45 | 11.14 |
| 25.0 | 0855 | 2.0 | | | 1.46 | 17.6 | | 10.5 | 11.2 | 121 | | 0.08 | 16 | | 15.75 | 14.41 | 11.29 |
| 25.0 | 0855 | 3.0 | | | 1.37 | 16.7 | | 10.1 | 10.8 | 118 | | 0.08 | 15 | | 16.81 | 14.38 | 12.11 |
| 25.0 | 0855 | 4.0 | | | 1.22 | 15.2 | | 9.8 | 10.6 | 115 | | 0.09 | 16 | | 17.33 | 14.39 | 12.51 |
| 25.0 | 0855 | 5.0 | | | 1.04 | 13.4 | | 9.7 | 10.4 | 114 | | 0.09 | 17 | | 17.52 | 14.36 | 12.66 |
| 25.0 | 0855 | 6.0 | | | 0.97 | 12.7 | | 9.6 | 10.4 | 113 | | 0.09 | 17 | | 17.59 | 14.33 | 12.72 |
| 25.0 | 0855 | 7.0 | | | 1.04 | 13.4 | | 9.6 | 10.4 | 113 | | 0.10 | 19 | | 17.65 | 14.31 | 12.77 |
| 25.0 | 0855 | 8.0 | | | 1.07 | 13.7 | | 9.6 | 10.4 | 113 | | 0.12 | 21 | | 17.69 | 14.31 | 12.80 |
| 24.0 | 0912 | 1.0 | | | 0.62 | 9.2 | | 9.7 | 10.5 | 114 | | 0.05 | 10 | 1.1 | 17.31 | 14.31 | 12.51 |
| 24.0 | 0912 | 2.0 | 6.2 | 0.74 | 0.63 | 9.3 | 10.5 | 9.6 | 10.4 | 113 | 6.9 | 0.05 | 10 | | 17.55 | 14.29 | 12.70 |
| 24.0 | 0912 | 3.0 | | | 0.63 | 9.4 | | 9.5 | 10.3 | 112 | | 0.05 | 10 | | 17.78 | 14.28 | 12.87 |
| 24.0 | 0912 | 4.0 | | | 0.61 | 9.1 | | 9.3 | 10.2 | 111 | | 0.06 | 11 | | 18.01 | 14.24 | 13.06 |
| 24.0 | 0912 | 5.0 | | | 0.56 | 8.7 | | 9.2 | 10.1 | 110 | | 0.06 | 12 | | 18.23 | 14.19 | 13.23 |

South San Francisco Bay | March 17, 1998 | 98076

| 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 | 0912 | 6.0 | | | 0.54 | 8.5 | | 9.2 | 10.0 | 110 | | 0.06 | 12 | | 18.35 | 14.16 | 13.33 |
| 24.0 | 0912 | 7.0 | | | 0.56 | 8.7 | | 9.1 | 10.0 | 109 | | 0.06 | 12 | | 18.44 | 14.14 | 13.41 |
| 24.0 | 0912 | 8.0 | | | 0.55 | 8.5 | | 9.1 | 10.0 | 109 | | 0.06 | 12 | | 18.54 | 14.11 | 13.49 |
| 24.0 | 0912 | 9.0 | 5.0 | 0.64 | 0.53 | 8.4 | | 9.1 | 10.0 | 109 | | 0.06 | 13 | | 18.63 | 14.08 | 13.56 |
| 22.0 | 0944 | 1.0 | | | 0.48 | 7.9 | | 9.2 | 10.0 | 109 | | 0.04 | 9 | 1.0 | 17.05 | 14.14 | 12.34 |
| 22.0 | 0944 | 2.0 | | | 0.48 | 7.9 | | 9.3 | 10.2 | 110 | | 0.03 | 7 | | 17.41 | 14.08 | 12.63 |
| 22.0 | 0944 | 3.0 | | | 0.48 | 7.9 | | 9.3 | 10.1 | 110 | | 0.04 | 9 | | 17.73 | 14.10 | 12.87 |
| 22.0 | 0944 | 4.0 | | | 0.52 | 8.3 | | 9.3 | 10.1 | 110 | | 0.05 | 10 | | 17.83 | 14.10 | 12.95 |
| 22.0 | 0944 | 5.0 | | | 0.57 | 8.7 | | 9.2 | 10.1 | 110 | | 0.06 | 12 | | 17.96 | 14.12 | 13.04 |
| 22.0 | 0944 | 6.0 | | | 0.60 | 9.0 | | 9.2 | 10.1 | 110 | | 0.07 | 13 | | 18.24 | 14.13 | 13.26 |
| 22.0 | 0944 | 7.0 | | | 0.62 | 9.2 | | 9.2 | 10.0 | 110 | | 0.08 | 15 | | 18.52 | 14.13 | 13.47 |
| 22.0 | 0944 | 8.0 | | | 0.61 | 9.1 | | 9.1 | 10.0 | 109 | | 0.08 | 15 | | 18.79 | 14.12 | 13.68 |
| 22.0 | 0944 | 9.0 | | | 0.58 | 8.9 | | 9.1 | 10.0 | 109 | | 0.08 | 15 | | 18.87 | 14.10 | 13.74 |
| 22.0 | 0944 | 10.0 | | | 0.58 | 8.9 | | 9.1 | 10.0 | 109 | | 0.08 | 15 | | 18.91 | 14.10 | 13.77 |
| 22.0 | 0944 | 11.0 | | | 0.61 | 9.1 | | 9.1 | 10.0 | 109 | | 0.08 | 16 | | 18.96 | 14.11 | 13.81 |
| 22.0 | 0944 | 12.0 | | | 0.58 | 8.9 | | 9.0 | 9.9 | 108 | | 0.09 | 16 | | 19.11 | 14.09 | 13.93 |
| 22.0 | 0944 | 13.0 | | | 0.49 | 8.0 | | 8.9 | 9.8 | 108 | | 0.08 | 15 | | 19.71 | 14.00 | 14.41 |
| 22.0 | 0944 | 14.0 | | | 0.39 | 7.0 | | 8.8 | 9.7 | 107 | | 0.08 | 15 | | 20.03 | 13.95 | 14.66 |
| 22.0 | 0944 | 15.0 | | | 0.35 | 6.6 | | 8.6 | 9.6 | 106 | | 0.08 | 14 | | 20.83 | 13.86 | 15.30 |
| 22.0 | 0944 | 16.0 | | | 0.34 | 6.5 | | 8.4 | 9.4 | 105 | | 0.07 | 14 | | 22.63 | 13.74 | 16.70 |
| 22.0 | 0944 | 17.0 | | | 0.39 | 7.0 | | 8.4 | 9.4 | 105 | | 0.08 | 15 | | 23.54 | 13.69 | 17.41 |
| 22.0 | 0944 | 18.0 | | | 0.41 | 7.2 | | 8.3 | 9.3 | 105 | | 0.17 | 28 | | 23.84 | 13.67 | 17.65 |
| 21.0 | 0957 | 1.0 | | | 1.44 | 17.4 | | 10.6 | 11.2 | 121 | | 0.14 | 25 | 2.6 | 15.61 | 14.61 | 11.15 |
| 21.0 | 0957 | 2.0 | 15.0 | 0.79 | 0.98 | 12.8 | 11.1 | 10.0 | 10.7 | 116 | | 0.14 | 23 | | 16.75 | 14.30 | 12.08 |
| 21.0 | 0957 | 3.0 | | | 0.76 | 10.7 | | 9.7 | 10.5 | 114 | | 0.07 | 13 | | 17.11 | 14.21 | 12.38 |
| 21.0 | 0957 | 4.0 | | | 0.77 | 10.8 | | 9.7 | 10.4 | 114 | | 0.06 | 12 | | 17.39 | 14.22 | 12.58 |
| 21.0 | 0957 | 5.0 | | | 0.82 | 11.3 | | 9.6 | 10.4 | 113 | | 0.06 | 13 | | 17.51 | 14.24 | 12.67 |
| 21.0 | 0957 | 6.0 | | | 0.77 | 10.7 | | 9.5 | 10.3 | 113 | | 0.07 | 14 | | 17.83 | 14.23 | 12.92 |
| 21.0 | 0957 | 7.0 | | | 0.63 | 9.3 | | 9.4 | 10.2 | 112 | | 0.09 | 16 | | 18.29 | 14.17 | 13.28 |
| 21.0 | 0957 | 8.0 | | | 0.50 | 8.1 | | 9.2 | 10.1 | 110 | | 0.08 | 16 | | 18.72 | 14.12 | 13.62 |
| 21.0 | 0957 | 9.0 | | | 0.41 | 7.2 | | 9.1 | 10.0 | 109 | | 0.07 | 14 | | 19.29 | 14.06 | 14.07 |
| 21.0 | 0957 | 10.0 | | | 0.37 | 6.8 | | 9.0 | 9.9 | 108 | | 0.06 | 12 | | 19.73 | 14.01 | 14.42 |
| 21.0 | 0957 | 11.0 | | | 0.39 | 7.0 | | 8.9 | 9.8 | 108 | | 0.06 | 11 | | 20.35 | 13.95 | 14.91 |
| 21.0 | 0957 | 12.0 | | | 0.45 | 7.6 | | 8.8 | 9.7 | 107 | | 0.06 | 12 | | 20.72 | 13.91 | 15.20 |
| 21.0 | 0957 | 13.0 | | | 0.45 | 7.5 | | 8.6 | 9.6 | 106 | | 0.08 | 15 | | 21.52 | 13.83 | 15.83 |
| 21.0 | 0957 | 14.0 | | | 0.45 | 7.6 | | 8.4 | 9.4 | 105 | | 0.09 | 17 | | 23.67 | 13.64 | 17.52 |
| 21.0 | 0957 | 15.0 | | | 0.47 | 7.8 | | 8.3 | 9.3 | 105 | | 0.09 | 17 | | 24.69 | 13.61 | 18.31 |
| 21.0 | 0957 | 16.0 | 4.3 | 0.65 | 0.46 | 7.7 | | 8.3 | 9.3 | 105 | | 0.12 | 20 | | 24.98 | 13.60 | 18.53 |

South San Francisco Bay | March 17, 1998 | Year Day: 98076

| | n | r^2 | Slope | Inter. | Std. Err. |
|---|---|---|---|---|---|
| Fluorometer Calibration: | 8 | 0.984 | 9.933 | 3.121 | 5.561 |
| OBS Calibration: | 5 | 1.000 | 153.549 | 2.734 | 2.781 |
| Dissolved Oxygen Calibration: | 6 | 0.788 | 0.827 | 2.445 | 0.530 |

SeaBird v4.026

South San Francisco Bay March 27, 1998 98086

| 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 | 1545 | 1.0 | | | 12.19 | 143.9 | | 8.0 | 8.0 | 88 | | 3.61 | 595 | | 14.08 | 15.88 | 9.75 |
| 36.0 | 1545 | 2.0 | 142.8 | 0.70 | 12.10 | 142.8 | 7.7 | 8.0 | 8.1 | 89 | 593.5 | 3.61 | 595 | | 14.17 | 15.90 | 9.81 |
| 36.0 | 1545 | 3.0 | | | 11.63 | 137.2 | | 8.0 | 8.1 | 89 | | 3.50 | 578 | | 14.30 | 15.93 | 9.90 |
| 36.0 | 1545 | 4.0 | | | 11.22 | 132.3 | | 8.1 | 8.1 | 90 | | 3.31 | 547 | | 14.40 | 15.97 | 9.97 |
| 36.0 | 1545 | 5.0 | | | 10.92 | 128.7 | | 8.0 | 8.0 | 88 | | 3.28 | 542 | | 14.45 | 15.98 | 10.01 |
| 36.0 | 1545 | 6.0 | | | 10.94 | 128.9 | | 8.0 | 8.0 | | | 3.38 | 558 | | | 15.95 | |
| 35.0 | 1535 | 1.0 | | | 9.90 | 116.4 | | 8.4 | 9.3 | 104 | | 1.89 | 313 | 22.9 | 15.55 | 15.87 | 10.88 |
| 35.0 | 1535 | 2.0 | | | 10.22 | 120.3 | | 8.5 | 9.4 | 105 | | 2.00 | 330 | | 15.60 | 15.86 | 10.91 |
| 35.0 | 1535 | 3.0 | | | 10.44 | 122.9 | | 8.5 | 9.5 | 106 | | 2.01 | 332 | | 15.60 | 15.86 | 10.91 |
| 35.0 | 1535 | 4.0 | | | 10.61 | 125.0 | | 8.5 | 9.4 | 105 | | 2.21 | 364 | | 15.61 | 15.85 | 10.92 |
| 35.0 | 1535 | 5.0 | | | 10.81 | 127.4 | | 8.5 | 9.3 | 104 | | 2.37 | 391 | | 15.60 | 15.85 | 10.92 |
| 35.0 | 1535 | 6.0 | | | 10.98 | 129.4 | | 8.3 | 8.8 | | | 3.24 | 534 | | | 15.83 | |
| 35.0 | 1535 | 7.0 | | | 10.98 | 129.4 | | 8.3 | 8.9 | | | 6.32 | 1042 | | | 15.82 | |
| 34.0 | 1515 | 1.0 | | | 6.75 | 78.9 | | 8.2 | 8.5 | 95 | | 1.68 | 277 | | 16.42 | 15.85 | 11.54 |
| 34.0 | 1515 | 2.0 | | | 6.76 | 78.9 | | 8.2 | 8.6 | 96 | | 1.69 | 279 | | 16.43 | 15.85 | 11.55 |
| 34.0 | 1515 | 3.0 | | | 6.76 | 78.9 | | 8.3 | 8.7 | 98 | | 1.69 | 279 | | 16.43 | 15.85 | 11.55 |
| 34.0 | 1515 | 4.0 | | | 6.76 | 79.0 | | 8.3 | 8.9 | 99 | | 1.66 | 274 | | 16.41 | 15.85 | 11.53 |
| 34.0 | 1515 | 5.0 | | | 6.76 | 79.0 | | 8.4 | 9.0 | 101 | | 1.65 | 273 | | 16.40 | 15.86 | 11.52 |
| 34.0 | 1515 | 6.0 | | | 6.77 | 79.0 | | 8.4 | 9.1 | 102 | | 1.70 | 280 | | 16.38 | 15.87 | 11.51 |
| 34.0 | 1515 | 7.0 | | | 6.77 | 79.1 | | 8.4 | 9.1 | 101 | | 2.04 | 337 | | 16.37 | 15.88 | 11.50 |
| 34.0 | 1515 | 8.0 | | | 6.77 | 79.1 | | 8.4 | 9.1 | 102 | | 2.80 | 463 | | 16.45 | 15.85 | 11.56 |
| 33.0 | 1457 | 1.0 | | | 4.52 | 52.2 | | 8.3 | 8.9 | 100 | | 0.81 | 134 | 9.4 | 17.13 | 15.65 | 12.12 |
| 33.0 | 1457 | 2.0 | | | 4.47 | 51.5 | | 8.3 | 8.9 | 100 | | 0.80 | 132 | | 17.14 | 15.64 | 12.13 |
| 33.0 | 1457 | 3.0 | | | 4.49 | 51.8 | | 8.3 | 8.9 | 100 | | 0.76 | 127 | | 17.15 | 15.64 | 12.14 |
| 33.0 | 1457 | 4.0 | | | 4.67 | 53.9 | | 8.3 | 8.8 | 99 | | 0.75 | 125 | | 17.16 | 15.60 | 12.15 |
| 33.0 | 1457 | 5.0 | | | 4.83 | 55.9 | | 8.3 | 8.7 | 98 | | 0.80 | 132 | | 17.17 | 15.60 | 12.16 |
| 33.0 | 1457 | 6.0 | | | 4.70 | 54.3 | | 8.3 | 8.7 | 98 | | 0.84 | 140 | | 17.17 | 15.61 | 12.16 |
| 33.0 | 1457 | 7.0 | | | 4.84 | 56.0 | | 8.2 | 8.6 | 97 | | 0.83 | 138 | | 17.18 | 15.58 | 12.18 |
| 33.0 | 1457 | 8.0 | | | 5.46 | 63.3 | | 8.2 | 8.5 | 95 | | 0.89 | 147 | | 17.24 | 15.55 | 12.22 |
| 33.0 | 1457 | 9.0 | | | 5.94 | 69.1 | | 8.2 | 8.5 | 94 | | 1.20 | 198 | | 17.26 | 15.54 | 12.24 |
| 33.0 | 1457 | 10.0 | | | 6.28 | 73.2 | | 8.2 | 8.4 | 94 | | 1.30 | 215 | | 17.27 | 15.54 | 12.25 |
| 33.0 | 1457 | 11.0 | | | 6.55 | 76.5 | | 8.1 | 8.4 | 94 | | 1.49 | 246 | | 17.29 | 15.54 | 12.26 |
| 33.0 | 1457 | 12.0 | | | 6.52 | 76.1 | | 8.1 | 8.4 | 94 | | 2.04 | 337 | | 17.29 | 15.54 | 12.27 |
| 32.0 | 1441 | 1.0 | | | 4.36 | 50.2 | | 8.3 | 8.7 | 98 | | 0.76 | 126 | 10.9 | 17.56 | 15.59 | 12.46 |
| 32.0 | 1441 | 2.0 | 45.4 | 0.71 | 4.38 | 50.5 | 9.0 | 8.3 | 8.8 | 98 | 135.3 | 0.76 | 126 | | 17.56 | 15.59 | 12.46 |
| 32.0 | 1441 | 3.0 | | | 4.40 | 50.8 | | 8.2 | 8.7 | 98 | | 0.76 | 127 | | 17.56 | 15.59 | 12.46 |
| 32.0 | 1441 | 4.0 | | | 4.03 | 46.3 | | 8.2 | 8.5 | 95 | | 0.77 | 127 | | 17.59 | 15.56 | 12.49 |
| 32.0 | 1441 | 5.0 | | | 3.51 | 40.1 | | 8.1 | 8.3 | 93 | | 0.77 | 127 | | 17.71 | 15.45 | 12.60 |
| 32.0 | 1441 | 6.0 | | | 3.25 | 36.9 | | 8.1 | 8.2 | 91 | | 0.72 | 119 | | 17.78 | 15.36 | 12.68 |

South San Francisco Bay March 27, 1998 98086

| 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 | 1441 | 7.0 | | | 3.19 | 36.3 | | 8.0 | 8.0 | 90 | | 0.69 | 113 | | 17.82 | 15.33 | 12.71 |
| 32.0 | 1441 | 8.0 | | | 3.20 | 36.3 | | 8.0 | 8.0 | 89 | | 0.69 | 114 | | 17.85 | 15.30 | 12.74 |
| 32.0 | 1441 | 9.0 | | | 3.25 | 37.0 | | 8.0 | 7.8 | 87 | | 0.74 | 123 | | 17.87 | 15.28 | 12.76 |
| 32.0 | 1441 | 10.0 | | | 3.59 | 41.0 | | 7.9 | 7.7 | 86 | | 0.79 | 130 | | 17.90 | 15.24 | 12.79 |
| 32.0 | 1441 | 11.0 | | | 4.43 | 51.1 | | 7.9 | 7.6 | 84 | | 0.90 | 149 | | 17.91 | 15.23 | 12.80 |
| 32.0 | 1441 | 12.0 | 70.1 | 0.65 | 4.54 | 52.4 | | 7.9 | 7.6 | 85 | | 1.18 | 195 | | 17.92 | 15.22 | 12.81 |
| 31.0 | 1426 | 1.0 | | | 3.76 | 43.1 | | 8.2 | 8.6 | 96 | | 0.58 | 96 | 5.5 | 18.02 | 15.45 | 12.84 |
| 31.0 | 1426 | 2.0 | | | 3.74 | 42.9 | | 8.2 | 8.6 | 97 | | 0.57 | 95 | | 18.02 | 15.45 | 12.84 |
| 31.0 | 1426 | 3.0 | | | 3.48 | 39.8 | | 8.2 | 8.4 | 94 | | 0.57 | 95 | | 18.02 | 15.44 | 12.85 |
| 31.0 | 1426 | 4.0 | | | 2.91 | 32.9 | | 8.1 | 8.2 | 92 | | 0.57 | 95 | | 18.07 | 15.35 | 12.90 |
| 31.0 | 1426 | 5.0 | | | 2.32 | 25.8 | | 8.0 | 8.0 | 90 | | 0.53 | 88 | | 18.15 | 15.32 | 12.97 |
| 31.0 | 1426 | 6.0 | | | 1.86 | 20.3 | | 8.0 | 7.9 | 89 | | 0.47 | 78 | | 18.27 | 15.29 | 13.06 |
| 31.0 | 1426 | 7.0 | | | 1.69 | 18.3 | | 8.0 | 7.9 | 89 | | 0.42 | 70 | | 18.29 | 15.28 | 13.08 |
| 31.0 | 1426 | 8.0 | | | 1.70 | 18.4 | | 8.0 | 7.9 | 88 | | 0.37 | 61 | | 18.33 | 15.30 | 13.11 |
| 31.0 | 1426 | 9.0 | | | 1.73 | 18.8 | | 8.0 | 7.9 | 88 | | 0.35 | 59 | | 18.35 | 15.30 | 13.12 |
| 31.0 | 1426 | 10.0 | | | 1.83 | 20.0 | | 8.0 | 7.9 | 89 | | 0.37 | 62 | | 18.34 | 15.30 | 13.12 |
| 31.0 | 1426 | 11.0 | | | 2.26 | 25.1 | | 8.0 | 7.9 | 89 | | 0.38 | 64 | | 18.37 | 15.32 | 13.13 |
| 31.0 | 1426 | 12.0 | | | 3.39 | 38.7 | | 8.0 | 7.9 | 89 | | 0.41 | 68 | | 18.39 | 15.32 | 13.15 |
| 31.0 | 1426 | 13.0 | | | 3.53 | 40.3 | | 8.0 | 7.9 | 88 | | 0.60 | 99 | | 18.41 | 15.32 | 13.16 |
| 30.0 | 1400 | 1.0 | | | 2.84 | 32.1 | | 8.6 | 9.7 | 109 | | 0.36 | 60 | 4.5 | 18.75 | 15.59 | 13.37 |
| 30.0 | 1400 | 2.0 | 28.6 | 0.79 | 2.84 | 32.1 | 9.3 | 8.4 | 9.2 | 104 | 55.0 | 0.36 | 59 | | 18.74 | 15.54 | 13.38 |
| 30.0 | 1400 | 3.0 | | | 2.71 | 30.5 | | 8.2 | 8.6 | 97 | | 0.36 | 59 | | 18.80 | 15.37 | 13.45 |
| 30.0 | 1400 | 4.0 | | | 2.56 | 28.7 | | 8.2 | 8.5 | 95 | | 0.34 | 56 | | 18.90 | 15.20 | 13.56 |
| 30.0 | 1400 | 5.0 | | | 2.44 | 27.3 | | 8.2 | 8.4 | 95 | | 0.33 | 55 | | 18.93 | 15.20 | 13.59 |
| 30.0 | 1400 | 6.0 | | | 2.34 | 26.0 | | 8.1 | 8.4 | 94 | | 0.33 | 55 | | 18.97 | 15.20 | 13.61 |
| 30.0 | 1400 | 7.0 | | | 2.20 | 24.5 | | 8.1 | 8.4 | 94 | | 0.33 | 54 | | 18.98 | 15.19 | 13.63 |
| 30.0 | 1400 | 8.0 | | | 1.98 | 21.8 | | 8.1 | 8.4 | 94 | | 0.32 | 54 | | 18.99 | 15.19 | 13.64 |
| 30.0 | 1400 | 9.0 | | | 1.79 | 19.6 | | 8.2 | 8.4 | 94 | | 0.31 | 51 | | 19.01 | 15.18 | 13.65 |
| 30.0 | 1400 | 10.0 | | | 1.75 | 19.0 | | 8.2 | 8.5 | 95 | | 0.29 | 48 | | 19.02 | 15.19 | 13.65 |
| 30.0 | 1400 | 11.0 | | | 1.84 | 20.1 | | 8.2 | 8.5 | 95 | | 0.27 | 46 | | 19.04 | 15.20 | 13.67 |
| 30.0 | 1400 | 12.0 | | | 2.13 | 23.5 | | 8.2 | 8.5 | 95 | | 0.27 | 45 | | 19.06 | 15.20 | 13.68 |
| 30.0 | 1400 | 13.0 | | | 3.45 | 39.4 | | 8.1 | 8.4 | 94 | | 0.31 | 51 | | 19.07 | 15.19 | 13.70 |
| 30.0 | 1400 | 14.0 | 30.0 | 0.72 | 3.76 | 43.1 | | 8.2 | 8.4 | 94 | | 0.44 | 74 | | 19.08 | 15.18 | 13.70 |
| 29.5 | 1345 | 1.0 | | | 1.96 | 21.5 | | 7.8 | 7.5 | 84 | | 0.28 | 47 | 3.8 | 19.09 | 15.18 | 13.71 |
| 29.5 | 1345 | 2.0 | | | 1.95 | 21.5 | | 8.0 | 8.0 | 90 | | 0.28 | 46 | | 19.09 | 15.18 | 13.71 |
| 29.5 | 1345 | 3.0 | | | 1.96 | 21.6 | | 8.1 | 8.2 | 92 | | 0.29 | 48 | | 19.10 | 15.18 | 13.72 |
| 29.5 | 1345 | 4.0 | | | 1.93 | 21.2 | | 8.1 | 8.2 | 93 | | 0.28 | 46 | | 19.10 | 15.18 | 13.72 |
| 29.5 | 1345 | 5.0 | | | 1.86 | 20.4 | | 8.1 | 8.3 | 93 | | 0.26 | 44 | | 19.11 | 15.18 | 13.73 |
| 29.5 | 1345 | 6.0 | | | 1.83 | 20.0 | | 8.1 | 8.3 | 93 | | 0.26 | 43 | | 19.11 | 15.18 | 13.73 |
| 29.5 | 1345 | 7.0 | | | 1.79 | 19.5 | | 8.1 | 8.4 | 94 | | 0.24 | 40 | | 19.12 | 15.19 | 13.74 |

South San Francisco Bay | March 27, 1998 | 98086

| 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 | | | 1.77 | 19.2 | | 8.1 | 8.4 | 94 | | 0.24 | 40 | | 19.14 | 15.18 | 13.75 |
| 29.5 | 1345 | 9.0 | | | 1.79 | 19.5 | | 8.1 | 8.3 | 94 | | 0.25 | 41 | | 19.16 | 15.18 | 13.77 |
| 29.5 | 1345 | 10.0 | | | 1.84 | 20.1 | | 8.1 | 8.2 | 93 | | 0.24 | 40 | | 19.21 | 15.16 | 13.81 |
| 29.5 | 1345 | 11.0 | | | 1.91 | 20.9 | | 8.1 | 8.2 | 92 | | 0.25 | 42 | | 19.22 | 15.16 | 13.81 |
| 29.5 | 1345 | 12.0 | | | 1.95 | 21.5 | | 8.1 | 8.2 | 92 | | 0.27 | 45 | | 19.22 | 15.16 | 13.81 |
| 29.5 | 1345 | 13.0 | | | 2.00 | 22.0 | | 8.1 | 8.2 | 92 | | 0.27 | 46 | | 19.22 | 15.15 | 13.82 |
| 29.5 | 1345 | 14.0 | | | 2.00 | 22.0 | | 8.1 | 8.2 | 91 | | 0.28 | 47 | | 19.23 | 15.15 | 13.82 |
| 29.5 | 1345 | 15.0 | | | 1.99 | 21.9 | | 8.1 | 8.2 | 92 | | 0.30 | 50 | | 19.23 | 15.14 | 13.83 |
| 29.0 | 1329 | 1.0 | | | 1.38 | 14.5 | | 8.0 | 8.0 | 90 | | 0.25 | 41 | 2.9 | 19.52 | 15.03 | 14.07 |
| 29.0 | 1329 | 2.0 | | | 1.39 | 14.7 | | 8.0 | 8.0 | 90 | | 0.24 | 40 | | 19.52 | 15.03 | 14.07 |
| 29.0 | 1329 | 3.0 | | | 1.34 | 14.2 | | 8.0 | 8.1 | 90 | | 0.24 | 40 | | 19.52 | 15.03 | 14.07 |
| 29.0 | 1329 | 4.0 | | | 1.34 | 14.1 | | 8.1 | 8.1 | 91 | | 0.24 | 40 | | 19.52 | 15.03 | 14.07 |
| 29.0 | 1329 | 5.0 | | | 1.39 | 14.7 | | 8.1 | 8.2 | 92 | | 0.24 | 40 | | 19.52 | 15.04 | 14.07 |
| 29.0 | 1329 | 6.0 | | | 1.33 | 14.0 | | 8.1 | 8.1 | 91 | | 0.24 | 40 | | 19.52 | 15.03 | 14.07 |
| 29.0 | 1329 | 7.0 | | | 1.25 | 13.0 | | 8.1 | 8.1 | 91 | | 0.24 | 40 | | 19.52 | 15.02 | 14.07 |
| 29.0 | 1329 | 8.0 | | | 1.23 | 12.8 | | 8.1 | 8.1 | 91 | | 0.23 | 38 | | 19.52 | 15.02 | 14.07 |
| 29.0 | 1329 | 9.0 | | | 1.29 | 13.6 | | 8.1 | 8.2 | 91 | | 0.23 | 38 | | 19.52 | 15.02 | 14.07 |
| 29.0 | 1329 | 10.0 | | | 1.32 | 13.8 | | 8.1 | 8.2 | 91 | | 0.23 | 39 | | 19.52 | 15.02 | 14.07 |
| 29.0 | 1329 | 11.0 | | | 1.26 | 13.2 | | 8.1 | 8.2 | 92 | | 0.24 | 41 | | 19.52 | 15.02 | 14.08 |
| 29.0 | 1329 | 12.0 | | | 1.25 | 13.1 | | 8.1 | 8.2 | 92 | | 0.24 | 39 | | 19.53 | 15.01 | 14.08 |
| 29.0 | 1329 | 13.0 | | | 1.29 | 13.6 | | 8.1 | 8.2 | 92 | | 0.24 | 40 | | 19.54 | 15.01 | 14.09 |
| 29.0 | 1329 | 14.0 | | | 1.36 | 14.4 | | 8.1 | 8.1 | 91 | | 0.25 | 41 | | 19.54 | 15.00 | 14.09 |
| 29.0 | 1329 | 15.0 | | | 1.66 | 17.9 | | 8.1 | 8.1 | 91 | | 0.26 | 43 | | 19.55 | 15.00 | 14.10 |
| 29.0 | 1329 | 16.0 | | | 1.74 | 18.9 | | 8.1 | 8.2 | 92 | | 0.31 | 52 | | 19.55 | 15.00 | 14.10 |
| 28.0 | 1312 | 1.0 | | | 1.36 | 14.4 | | 8.3 | 8.8 | 99 | | 0.26 | 44 | 2.5 | 19.89 | 14.99 | 14.36 |
| 28.0 | 1312 | 2.0 | | | 1.45 | 15.5 | | 8.3 | 8.8 | 99 | | 0.27 | 45 | | 19.89 | 14.99 | 14.36 |
| 28.0 | 1312 | 3.0 | | | 1.48 | 15.8 | | 8.3 | 8.8 | 99 | | 0.28 | 47 | | 19.89 | 14.98 | 14.36 |
| 28.0 | 1312 | 4.0 | | | 1.38 | 14.6 | | 8.3 | 8.8 | 99 | | 0.28 | 46 | | 19.89 | 14.98 | 14.36 |
| 28.0 | 1312 | 5.0 | | | 1.39 | 14.7 | | 8.3 | 8.9 | 99 | | 0.28 | 47 | | 19.89 | 14.98 | 14.36 |
| 28.0 | 1312 | 6.0 | | | 1.44 | 15.4 | | 8.3 | 8.9 | 99 | | 0.28 | 46 | | 19.89 | 14.98 | 14.36 |
| 28.0 | 1312 | 7.0 | | | 1.41 | 15.0 | | 8.3 | 8.9 | 99 | | 0.28 | 46 | | 19.90 | 14.98 | 14.37 |
| 28.0 | 1312 | 8.0 | | | 1.39 | 14.7 | | 8.3 | 8.9 | 100 | | 0.28 | 47 | | 19.90 | 14.97 | 14.37 |
| 28.0 | 1312 | 9.0 | | | 1.42 | 15.0 | | 8.3 | 8.9 | 100 | | 0.28 | 46 | | 19.90 | 14.97 | 14.37 |
| 28.0 | 1312 | 10.0 | | | 1.45 | 15.4 | | 8.3 | 8.9 | 100 | | 0.28 | 47 | | 19.90 | 14.96 | 14.37 |
| 28.0 | 1312 | 11.0 | | | 1.44 | 15.4 | | 8.3 | 8.9 | 99 | | 0.29 | 48 | | 19.90 | 14.96 | 14.37 |
| 28.0 | 1312 | 12.0 | | | 1.37 | 14.5 | | 8.3 | 8.7 | 98 | | 0.29 | 48 | | 19.91 | 14.93 | 14.38 |
| 28.0 | 1312 | 13.0 | | | 1.30 | 13.7 | | 8.2 | 8.7 | 97 | | 0.29 | 48 | | 19.95 | 14.87 | 14.43 |
| 28.0 | 1312 | 14.0 | | | 1.22 | 12.7 | | 8.2 | 8.6 | 96 | | 0.28 | 46 | | 20.01 | 14.84 | 14.48 |
| 28.0 | 1312 | 15.0 | | | 1.16 | 11.9 | | 8.2 | 8.5 | 96 | | 0.25 | 42 | | 20.05 | 14.83 | 14.51 |
| 28.0 | 1312 | 16.0 | | | 1.25 | 13.0 | | 8.2 | 8.6 | 96 | | 0.25 | 41 | | 20.06 | 14.82 | 14.52 |
| 28.0 | 1312 | 17.0 | | | 1.28 | 13.4 | | 8.2 | 8.6 | 96 | | 0.26 | 44 | | 20.06 | 14.82 | 14.52 |

South San Francisco Bay March 27, 1998 98086

| 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 | 1256 | 1.0 | | | 1.18 | 12.1 | | 8.3 | 9.0 | 101 | | 0.23 | 39 | 2.9 | 19.99 | 15.05 | 14.42 |
| 27.0 | 1256 | 2.0 | 11.6 | 0.64 | 1.10 | 11.2 | 9.3 | 8.3 | 9.0 | 101 | 36.1 | 0.23 | 38 | | 19.99 | 15.07 | 14.42 |
| 27.0 | 1256 | 3.0 | | | 1.05 | 10.7 | | 8.3 | 8.9 | 100 | | 0.23 | 38 | | 20.00 | 15.03 | 14.44 |
| 27.0 | 1256 | 4.0 | | | 1.06 | 10.7 | | 8.2 | 8.7 | 97 | | 0.23 | 39 | | 20.05 | 14.93 | 14.49 |
| 27.0 | 1256 | 5.0 | | | 1.08 | 11.0 | | 8.2 | 8.5 | 96 | | 0.23 | 39 | | 20.12 | 14.83 | 14.56 |
| 27.0 | 1256 | 6.0 | | | 1.02 | 10.3 | | 8.2 | 8.4 | 94 | | 0.22 | 38 | | 20.15 | 14.80 | 14.60 |
| 27.0 | 1256 | 7.0 | | | 0.94 | 9.4 | | 8.1 | 8.4 | 94 | | 0.22 | 37 | | 20.16 | 14.79 | 14.60 |
| 27.0 | 1256 | 8.0 | | | 0.95 | 9.5 | | 8.2 | 8.4 | 94 | | 0.20 | 34 | | 20.16 | 14.79 | 14.60 |
| 27.0 | 1256 | 9.0 | | | 1.01 | 10.2 | | 8.2 | 8.4 | 94 | | 0.20 | 34 | | 20.16 | 14.79 | 14.60 |
| 27.0 | 1256 | 10.0 | | | 1.05 | 10.6 | | 8.2 | 8.4 | 95 | | 0.20 | 34 | | 20.16 | 14.79 | 14.60 |
| 27.0 | 1256 | 11.0 | | | 0.99 | 10.0 | | 8.2 | 8.5 | 95 | | 0.20 | 34 | | 20.16 | 14.79 | 14.60 |
| 27.0 | 1256 | 12.0 | | | 0.96 | 9.6 | | 8.2 | 8.4 | 95 | | 0.20 | 34 | | 20.16 | 14.80 | 14.61 |
| 27.0 | 1256 | 13.0 | 9.9 | 0.69 | 0.99 | 9.9 | | 8.2 | 8.4 | 94 | | 0.22 | 36 | | 20.17 | 14.80 | 14.61 |
| 26.0 | 1243 | 1.0 | | | 0.76 | 7.1 | | 8.4 | 9.1 | 102 | | 0.18 | 31 | 2.3 | 19.73 | 15.08 | 14.22 |
| 26.0 | 1243 | 2.0 | | | 0.71 | 6.6 | | 8.4 | 9.1 | 102 | | 0.18 | 30 | | 19.73 | 15.06 | 14.23 |
| 26.0 | 1243 | 3.0 | | | 0.70 | 6.5 | | 8.4 | 9.0 | 101 | | 0.17 | 29 | | 19.73 | 15.06 | 14.23 |
| 26.0 | 1243 | 4.0 | | | 0.74 | 7.0 | | 8.3 | 9.0 | 101 | | 0.18 | 30 | | 19.74 | 15.03 | 14.24 |
| 26.0 | 1243 | 5.0 | | | 0.78 | 7.4 | | 8.3 | 8.9 | 100 | | 0.18 | 30 | | 19.76 | 15.00 | 14.26 |
| 26.0 | 1243 | 6.0 | | | 0.79 | 7.5 | | 8.3 | 8.8 | 99 | | 0.19 | 31 | | 19.80 | 14.96 | 14.30 |
| 26.0 | 1243 | 7.0 | | | 0.82 | 7.9 | | 8.3 | 8.8 | 99 | | 0.19 | 32 | | 19.83 | 14.94 | 14.32 |
| 26.0 | 1243 | 8.0 | | | 0.87 | 8.4 | | 8.3 | 8.7 | 98 | | 0.20 | 34 | | 19.86 | 14.93 | 14.35 |
| 26.0 | 1243 | 9.0 | | | 0.93 | 9.2 | | 8.2 | 8.7 | 98 | | 0.22 | 36 | | 19.87 | 14.92 | 14.36 |
| 26.0 | 1243 | 10.0 | | | 0.94 | 9.3 | | 8.2 | 8.6 | 96 | | 0.23 | 38 | | 19.90 | 14.91 | 14.38 |
| 26.0 | 1243 | 11.0 | | | 0.92 | 9.1 | | 8.3 | 8.7 | 98 | | 0.28 | 46 | | 19.91 | 14.91 | 14.39 |
| 25.0 | 1225 | 1.0 | | | 0.91 | 9.0 | | 8.3 | 9.0 | 101 | | 0.26 | 43 | 3.4 | 19.65 | 15.12 | 14.15 |
| 25.0 | 1225 | 2.0 | | | 0.84 | 8.1 | | 8.4 | 9.0 | 101 | | 0.25 | 42 | | 19.66 | 15.09 | 14.17 |
| 25.0 | 1225 | 3.0 | | | 0.80 | 7.6 | | 8.3 | 9.0 | 101 | | 0.25 | 42 | | 19.67 | 15.08 | 14.17 |
| 25.0 | 1225 | 4.0 | | | 0.76 | 7.1 | | 8.4 | 9.0 | 101 | | 0.26 | 43 | | 19.67 | 15.07 | 14.17 |
| 25.0 | 1225 | 5.0 | | | 0.75 | 7.1 | | 8.4 | 9.0 | 101 | | 0.26 | 44 | | 19.67 | 15.07 | 14.18 |
| 25.0 | 1225 | 6.0 | | | 0.79 | 7.6 | | 8.3 | 9.0 | 101 | | 0.26 | 44 | | 19.68 | 15.06 | 14.19 |
| 25.0 | 1225 | 7.0 | | | 0.79 | 7.6 | | 8.3 | 8.9 | 100 | | 0.26 | 44 | | 19.69 | 15.04 | 14.20 |
| 25.0 | 1225 | 8.0 | | | 0.76 | 7.1 | | 8.3 | 8.8 | 99 | | 0.26 | 44 | | 19.70 | 15.02 | 14.21 |
| 25.0 | 1225 | 9.0 | | | 0.76 | 7.2 | | 8.3 | 8.9 | 99 | | 0.27 | 45 | | 19.72 | 14.98 | 14.23 |
| 24.0 | 1207 | 1.0 | | | 0.51 | 4.2 | | 8.4 | 9.1 | 101 | | 0.19 | 32 | 2.3 | 19.60 | 14.95 | 14.14 |
| 24.0 | 1207 | 2.0 | 5.6 | 0.72 | 0.53 | 4.4 | 9.2 | 8.4 | 9.0 | 101 | 27.7 | 0.19 | 32 | | 19.60 | 14.94 | 14.15 |
| 24.0 | 1207 | 3.0 | | | 0.50 | 4.1 | | 8.4 | 9.0 | 101 | | 0.19 | 31 | | 19.63 | 14.92 | 14.18 |
| 24.0 | 1207 | 4.0 | | | 0.50 | 4.1 | | 8.3 | 9.0 | 100 | | 0.19 | 32 | | 19.66 | 14.90 | 14.20 |
| 24.0 | 1207 | 5.0 | | | 0.49 | 4.0 | | 8.3 | 9.0 | 100 | | 0.19 | 33 | | 19.78 | 14.85 | 14.30 |
| 24.0 | 1207 | 6.0 | | | 0.52 | 4.3 | | 8.3 | 8.9 | 100 | | 0.20 | 34 | | 19.87 | 14.83 | 14.38 |
| 24.0 | 1207 | 7.0 | | | 0.53 | 4.5 | | 8.3 | 8.9 | 100 | | 0.21 | 36 | | 19.97 | 14.83 | 14.45 |

South San Francisco Bay March 27, 1998 98086

| 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 | 1207 | 8.0 | | | 0.52 | 4.3 | | 8.3 | 8.9 | 100 | | 0.22 | 37 | | 20.22 | 14.81 | 14.65 |
| 24.0 | 1207 | 9.0 | | | 0.50 | 4.1 | | 8.3 | 8.9 | 100 | | 0.23 | 38 | | 20.23 | 14.81 | 14.65 |
| 24.0 | 1207 | 10.0 | | | 0.48 | 3.8 | | 8.3 | 8.9 | 100 | | 0.23 | 39 | | 20.23 | 14.81 | 14.65 |
| 24.0 | 1207 | 11.0 | 4.9 | 0.60 | 0.48 | 3.9 | | 8.3 | 8.9 | 100 | | 0.24 | 40 | | 20.23 | 14.81 | 14.65 |
| 23.0 | 1150 | 4.0 | | | 0.46 | 3.6 | | 8.4 | 9.3 | 104 | | 0.20 | 34 | | 19.57 | 14.82 | 14.15 |
| 23.0 | 1150 | 5.0 | | | 0.45 | 3.4 | | 8.5 | 9.4 | 104 | | 0.19 | 33 | | 19.63 | 14.81 | 14.19 |
| 23.0 | 1150 | 6.0 | | | 0.51 | 4.2 | | 8.5 | 9.4 | 105 | | 0.19 | 32 | | 19.65 | 14.81 | 14.21 |
| 23.0 | 1150 | 7.0 | | | 0.55 | 4.7 | | 8.5 | 9.4 | 105 | | 0.18 | 30 | | 19.70 | 14.82 | 14.25 |
| 23.0 | 1150 | 8.0 | | | 0.51 | 4.2 | | 8.4 | 9.1 | 102 | | 0.16 | 27 | | 20.02 | 14.78 | 14.50 |
| 23.0 | 1150 | 9.0 | | | 0.50 | 4.1 | | 8.3 | 9.0 | 101 | | 0.14 | 23 | | 21.54 | 14.65 | 15.69 |
| 23.0 | 1150 | 10.0 | | | 0.46 | 3.6 | | 8.3 | 9.0 | 101 | | 0.13 | 22 | | 21.98 | 14.63 | 16.03 |
| 23.0 | 1150 | 11.0 | | | 0.39 | 2.8 | | 8.3 | 9.0 | 101 | | 0.13 | 21 | | 22.24 | 14.61 | 16.23 |
| 23.0 | 1150 | 12.0 | | | 0.38 | 2.7 | | 8.3 | 9.0 | 101 | | 0.13 | 22 | | 22.48 | 14.60 | 16.42 |
| 23.0 | 1150 | 13.0 | | | 0.39 | 2.8 | | 8.3 | 9.0 | 101 | | 0.15 | 25 | | 22.53 | 14.60 | 16.46 |
| 23.0 | 1150 | 14.0 | | | 0.40 | 2.9 | | 8.3 | 8.9 | 101 | | 0.17 | 29 | | 22.57 | 14.60 | 16.49 |
| 23.0 | 1150 | 15.0 | | | 0.46 | 3.6 | | 8.3 | 8.9 | 101 | | 0.22 | 37 | | 22.68 | 14.60 | 16.58 |
| 23.0 | 1150 | 16.0 | | | 0.48 | 3.8 | | 8.3 | 8.9 | 101 | | 0.26 | 43 | | 22.75 | 14.59 | 16.64 |
| 22.0 | 1117 | 1.0 | | | 0.42 | 3.1 | | 8.6 | 9.8 | 110 | | 0.13 | 23 | 1.8 | 19.40 | 14.87 | 14.00 |
| 22.0 | 1117 | 2.0 | 4.6 | 0.74 | 0.43 | 3.3 | 9.5 | 8.6 | 9.9 | 110 | 24.7 | 0.13 | 22 | | 19.38 | 14.88 | 13.99 |
| 22.0 | 1117 | 3.0 | | | 0.46 | 3.5 | | 8.6 | 9.7 | 109 | | 0.13 | 22 | | 19.38 | 14.88 | 13.99 |
| 22.0 | 1117 | 4.0 | | | 0.46 | 3.6 | | 8.6 | 9.6 | 108 | | 0.13 | 22 | | 19.51 | 14.82 | 14.10 |
| 22.0 | 1117 | 5.0 | | | 0.48 | 3.9 | | 8.5 | 9.6 | 107 | | 0.13 | 23 | | 19.94 | 14.78 | 14.44 |
| 22.0 | 1117 | 6.0 | | | 0.48 | 3.9 | | 8.5 | 9.6 | 107 | | 0.14 | 23 | | 20.47 | 14.77 | 14.85 |
| 22.0 | 1117 | 7.0 | | | 0.45 | 3.5 | | 8.5 | 9.6 | 107 | | 0.14 | 23 | | 20.84 | 14.80 | 15.13 |
| 22.0 | 1117 | 8.0 | | | 0.45 | 3.5 | | 8.5 | 9.5 | 107 | | 0.12 | 21 | | 21.07 | 14.82 | 15.30 |
| 22.0 | 1117 | 9.0 | | | 0.46 | 3.5 | | 8.4 | 9.2 | 103 | | 0.11 | 19 | | 21.23 | 14.81 | 15.43 |
| 22.0 | 1117 | 10.0 | | | 0.43 | 3.2 | | 8.3 | 9.0 | 102 | | 0.11 | 18 | | 22.06 | 14.67 | 16.08 |
| 22.0 | 1117 | 11.0 | | | 0.42 | 3.1 | | 8.3 | 8.8 | 100 | | 0.10 | 17 | | 22.95 | 14.56 | 16.79 |
| 22.0 | 1117 | 12.0 | | | 0.41 | 3.0 | | 8.3 | 8.7 | 99 | | 0.12 | 20 | | 23.66 | 14.49 | 17.35 |
| 22.0 | 1117 | 13.0 | | | 0.38 | 2.7 | | 8.3 | 8.7 | 99 | | 0.13 | 22 | | 24.23 | 14.44 | 17.80 |
| 22.0 | 1117 | 14.0 | | | 0.37 | 2.6 | | 8.3 | 8.7 | 99 | | 0.13 | 21 | | 24.50 | 14.42 | 18.01 |
| 22.0 | 1117 | 15.0 | | | 0.37 | 2.5 | | 8.3 | 8.7 | 100 | | 0.13 | 22 | | 24.77 | 14.40 | 18.22 |
| 22.0 | 1117 | 16.0 | | | 0.44 | 3.4 | | 8.2 | 8.7 | 99 | | 0.13 | 23 | | 24.90 | 14.39 | 18.32 |
| 22.0 | 1117 | 17.0 | | | 0.52 | 4.3 | | 8.3 | 8.7 | 100 | | 0.16 | 27 | | 25.10 | 14.37 | 18.48 |
| 22.0 | 1117 | 18.0 | | | 0.50 | 4.1 | | 8.3 | 8.7 | 100 | | 0.21 | 36 | | 25.18 | 14.36 | 18.55 |
| 22.0 | 1117 | 19.0 | | | 0.48 | 3.9 | | 8.3 | 8.7 | 100 | | 0.26 | 44 | | 25.20 | 14.36 | 18.56 |
| 22.0 | 1117 | 20.0 | 4.2 | 0.57 | 0.48 | 3.9 | | 8.3 | 8.7 | 100 | | 0.31 | 52 | | 25.22 | 14.36 | 18.58 |

South San Francisco Bay | March 27, 1998 | Year Day: 98086

| | n | r^2 | Slope | Inter. | Std. Err. |
|---|---|---|---|---|---|
| Fluorometer Calibration: | 11 | 0.970 | 11.960 | -1.909 | 7.658 |
| OBS Calibration: | 6 | 0.999 | 164.825 | 0.585 | 5.794 |
| Dissolved Oxygen Calibration: | 6 | 0.802 | 3.095 | -16.830 | 0.328 |

SeaBird v4.026

South San Francisco Bay | April 2, 1998 | 98092

| 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 | 1400 | 1.0 | | | 15.50 | 159.4 | | 9.4 | 11.9 | 127 | | 1.10 | 167 | 7.2 | 13.11 | 14.56 | 9.24 |
| 36.0 | 1400 | 2.0 | 152.3 | 0.82 | 15.17 | 156.1 | 11.5 | 9.1 | 11.6 | 124 | 198.4 | 1.25 | 190 | | 14.49 | 14.40 | 10.33 |
| 36.0 | 1400 | 3.0 | | | 14.69 | 151.2 | | 9.0 | 11.4 | 122 | | 1.96 | 297 | | 14.60 | 14.28 | 10.43 |
| 36.0 | 1400 | 4.0 | | | 14.38 | 148.0 | | 8.9 | 11.4 | 122 | | 2.18 | 332 | | 14.60 | 14.27 | 10.43 |
| 36.0 | 1400 | 5.0 | | | 13.95 | 143.7 | | 8.9 | 11.3 | 121 | | 2.50 | 380 | | 14.59 | 14.26 | 10.43 |
| 36.0 | 1400 | 6.0 | | | 13.09 | 134.9 | | 8.9 | 11.3 | 120 | | 2.86 | 435 | | 14.59 | 14.23 | 10.44 |
| 36.0 | 1400 | 7.0 | | | 12.97 | 133.7 | | 8.9 | 11.4 | 121 | | 3.51 | 534 | | 14.59 | 14.20 | 10.44 |
| 35.0 | 1351 | 1.0 | | | 15.52 | 159.6 | | 10.0 | 12.5 | 133 | | 0.87 | 131 | 7.3 | 13.67 | 14.47 | 9.69 |
| 35.0 | 1351 | 2.0 | | | 14.84 | 152.7 | | 9.0 | 11.4 | 122 | | 0.93 | 141 | | 14.43 | 14.03 | 10.35 |
| 35.0 | 1351 | 3.0 | | | 13.40 | 138.1 | | 8.6 | 11.0 | 117 | | 1.88 | 286 | | 14.97 | 13.91 | 10.78 |
| 35.0 | 1351 | 4.0 | | | 12.66 | 130.6 | | 8.5 | 10.9 | 116 | | 2.83 | 431 | | 15.00 | 13.92 | 10.80 |
| 35.0 | 1351 | 5.0 | | | 12.34 | 127.4 | | 8.4 | 10.8 | | | 3.11 | 474 | | | 13.93 | |
| 35.0 | 1351 | 6.0 | | | 11.98 | 123.7 | | 8.4 | 10.7 | | | 4.09 | 623 | | | 13.95 | |
| 35.0 | 1351 | 7.0 | | | 11.68 | 120.7 | | 8.4 | 10.7 | | | 5.19 | 791 | | | 13.95 | |
| 35.0 | 1351 | 8.0 | | | 11.76 | 121.5 | | 8.4 | 10.8 | | | 5.40 | 823 | | | 13.95 | |
| 34.0 | 1337 | 1.0 | | | 11.48 | 118.7 | | 8.0 | 10.3 | 109 | | 2.21 | 336 | 8.5 | 14.79 | 13.88 | 10.65 |
| 34.0 | 1337 | 2.0 | | | 11.07 | 114.5 | | 7.9 | 10.3 | 110 | | 2.41 | 367 | | 15.44 | 13.89 | 11.15 |
| 34.0 | 1337 | 3.0 | | | 10.13 | 105.0 | | 7.9 | 10.3 | 110 | | 2.48 | 378 | | 15.78 | 13.88 | 11.41 |
| 34.0 | 1337 | 4.0 | | | 9.31 | 96.6 | | 8.0 | 10.3 | 110 | | 2.36 | 358 | | 15.97 | 13.89 | 11.55 |
| 34.0 | 1337 | 5.0 | | | 8.81 | 91.6 | | 8.0 | 10.3 | 111 | | 2.27 | 345 | | 16.09 | 13.91 | 11.64 |
| 34.0 | 1337 | 6.0 | | | 8.78 | 91.3 | | 8.0 | 10.3 | 110 | | 2.29 | 348 | | 16.09 | 13.92 | 11.64 |
| 34.0 | 1337 | 7.0 | | | 9.09 | 94.4 | | 7.9 | 10.3 | 110 | | 2.35 | 358 | | 16.08 | 13.91 | 11.63 |
| 34.0 | 1337 | 8.0 | | | 8.93 | 92.8 | | 7.9 | 10.2 | | | 2.93 | 446 | | | 13.91 | |
| 34.0 | 1337 | 9.0 | | | 8.71 | 90.6 | | 7.8 | 10.2 | | | 4.34 | 661 | | | 13.93 | |
| 33.0 | 1323 | 1.0 | | | 14.07 | 144.9 | | 9.2 | 11.7 | 125 | | 0.88 | 133 | 6.7 | 14.55 | 14.29 | 10.40 |
| 33.0 | 1323 | 2.0 | | | 13.53 | 139.5 | | 8.7 | 11.0 | 118 | | 0.86 | 129 | | 15.03 | 13.94 | 10.82 |
| 33.0 | 1323 | 3.0 | | | 12.45 | 128.5 | | 8.4 | 10.8 | 115 | | 0.87 | 131 | | 15.43 | 13.95 | 11.13 |
| 33.0 | 1323 | 4.0 | | | 11.29 | 116.7 | | 8.4 | 10.7 | 115 | | 0.88 | 132 | | 15.66 | 13.89 | 11.32 |
| 33.0 | 1323 | 5.0 | | | 10.43 | 108.0 | | 8.4 | 10.7 | 115 | | 0.94 | 143 | | 15.84 | 13.90 | 11.45 |
| 33.0 | 1323 | 6.0 | | | 9.95 | 103.2 | | 8.5 | 10.9 | 117 | | 0.93 | 141 | | 16.01 | 13.94 | 11.57 |
| 33.0 | 1323 | 7.0 | | | 9.24 | 96.0 | | 8.5 | 10.9 | 117 | | 1.01 | 152 | | 16.33 | 14.13 | 11.79 |
| 33.0 | 1323 | 8.0 | | | 8.65 | 90.0 | | 8.6 | 11.0 | 118 | | 1.10 | 167 | | 16.57 | 14.11 | 11.98 |
| 33.0 | 1323 | 9.0 | | | 8.46 | 88.0 | | 8.6 | 11.0 | 119 | | 1.14 | 172 | | 16.69 | 14.20 | 12.05 |
| 33.0 | 1323 | 10.0 | | | 8.43 | 87.8 | | 8.6 | 11.0 | 119 | | 1.18 | 179 | | 16.83 | 14.24 | 12.15 |
| 33.0 | 1323 | 11.0 | | | 8.45 | 87.9 | | 8.5 | 10.9 | 118 | | 1.40 | 213 | | 16.82 | 14.20 | 12.15 |
| 33.0 | 1323 | 12.0 | | | 8.44 | 87.8 | | 8.5 | 10.9 | 118 | | 1.88 | 286 | | 16.82 | 14.20 | 12.15 |
| 32.0 | 1310 | 1.0 | | | 9.33 | 96.9 | | 8.2 | 10.6 | 113 | | 0.71 | 108 | 7.6 | 16.05 | 13.93 | 11.61 |
| 32.0 | 1310 | 2.0 | 96.8 | 0.85 | 9.23 | 95.8 | 11.5 | 8.4 | 10.8 | 116 | 88.4 | 0.75 | 114 | | 16.17 | 13.87 | 11.71 |
| 32.0 | 1310 | 3.0 | | | 8.50 | 88.4 | | 8.7 | 11.1 | 120 | | 0.84 | 126 | | 16.60 | 14.15 | 11.99 |

South San Francisco Bay | April 2, 1998 | 98092

| 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 | 1310 | 4.0 | | | 7.97 | 83.1 | | 8.8 | 11.2 | 122 | | 0.96 | 144 | | 16.75 | 14.36 | 12.07 |
| 32.0 | 1310 | 5.0 | | | 7.73 | 80.7 | | 8.7 | 11.1 | 120 | | 1.04 | 157 | | 16.78 | 14.32 | 12.10 |
| 32.0 | 1310 | 6.0 | | | 7.70 | 80.3 | | 8.5 | 10.9 | 118 | | 1.05 | 159 | | 16.76 | 14.23 | 12.10 |
| 32.0 | 1310 | 7.0 | | | 7.76 | 81.0 | | 8.4 | 10.7 | 116 | | 1.06 | 160 | | 16.75 | 14.10 | 12.11 |
| 32.0 | 1310 | 8.0 | | | 7.65 | 79.8 | | 8.2 | 10.6 | 114 | | 1.07 | 161 | | 16.80 | 14.05 | 12.16 |
| 32.0 | 1310 | 9.0 | | | 7.43 | 77.6 | | 8.2 | 10.5 | 114 | | 1.08 | 163 | | 16.88 | 14.01 | 12.23 |
| 32.0 | 1310 | 10.0 | | | 7.37 | 77.0 | | 8.1 | 10.5 | 113 | | 1.15 | 175 | | 16.97 | 14.04 | 12.29 |
| 32.0 | 1310 | 11.0 | | | 7.40 | 77.3 | | 8.1 | 10.4 | 113 | | 1.39 | 211 | | 16.98 | 14.05 | 12.30 |
| 32.0 | 1310 | 12.0 | | | 7.40 | 77.2 | | 7.9 | 10.2 | | | 1.57 | 238 | | | 14.07 | |
| 31.0 | 1258 | 1.0 | | | 8.95 | 93.0 | | 10.7 | 13.2 | 145 | | 0.42 | 63 | 4.8 | 15.21 | 15.37 | 10.70 |
| 31.0 | 1258 | 2.0 | | | 9.11 | 94.7 | | 9.9 | 12.4 | 134 | | 0.45 | 67 | | 16.16 | 14.32 | 11.62 |
| 31.0 | 1258 | 3.0 | | | 8.43 | 87.8 | | 9.0 | 11.4 | 123 | | 0.53 | 79 | | 16.79 | 13.97 | 12.17 |
| 31.0 | 1258 | 4.0 | | | 7.97 | 83.1 | | 8.6 | 11.0 | 119 | | 0.64 | 96 | | 16.88 | 14.03 | 12.23 |
| 31.0 | 1258 | 5.0 | | | 7.45 | 77.8 | | 8.5 | 10.9 | 118 | | 0.69 | 103 | | 16.96 | 14.06 | 12.28 |
| 31.0 | 1258 | 6.0 | | | 6.83 | 71.5 | | 8.5 | 10.9 | 118 | | 0.82 | 123 | | 17.04 | 14.11 | 12.34 |
| 31.0 | 1258 | 7.0 | | | 6.18 | 64.9 | | 8.6 | 11.0 | 119 | | 0.90 | 136 | | 17.14 | 14.22 | 12.39 |
| 31.0 | 1258 | 8.0 | | | 5.56 | 58.6 | | 8.5 | 10.9 | 119 | | 0.93 | 140 | | 17.22 | 14.24 | 12.45 |
| 31.0 | 1258 | 9.0 | | | 5.19 | 54.9 | | 8.4 | 10.8 | 117 | | 0.93 | 140 | | 17.46 | 14.21 | 12.64 |
| 31.0 | 1258 | 10.0 | | | 5.11 | 54.0 | | 8.3 | 10.7 | 116 | | 0.88 | 132 | | 17.54 | 14.17 | 12.71 |
| 31.0 | 1258 | 11.0 | | | 5.08 | 53.8 | | 8.3 | 10.6 | 116 | | 0.87 | 131 | | 17.55 | 14.17 | 12.72 |
| 31.0 | 1258 | 12.0 | | | 5.08 | 53.8 | | 8.3 | 10.6 | 116 | | 0.95 | 143 | | 17.57 | 14.18 | 12.73 |
| 30.0 | 1240 | 1.0 | | | 5.67 | 59.7 | | 9.0 | 11.4 | 123 | | 0.46 | 68 | 5.2 | 16.97 | 14.05 | 12.30 |
| 30.0 | 1240 | 2.0 | 64.8 | 0.82 | 5.31 | 56.1 | 10.2 | 8.4 | 10.8 | 117 | 92.4 | 0.50 | 76 | | 17.34 | 14.07 | 12.58 |
| 30.0 | 1240 | 3.0 | | | 4.77 | 50.7 | | 8.2 | 10.6 | 115 | | 0.52 | 78 | | 17.52 | 14.09 | 12.71 |
| 30.0 | 1240 | 4.0 | | | 4.37 | 46.6 | | 8.2 | 10.5 | 114 | | 0.59 | 88 | | 17.61 | 14.09 | 12.78 |
| 30.0 | 1240 | 5.0 | | | 4.03 | 43.1 | | 8.1 | 10.5 | 114 | | 0.64 | 96 | | 17.74 | 14.10 | 12.88 |
| 30.0 | 1240 | 6.0 | | | 3.65 | 39.3 | | 8.0 | 10.4 | 113 | | 0.65 | 97 | | 17.87 | 14.12 | 12.97 |
| 30.0 | 1240 | 7.0 | | | 3.39 | 36.7 | | 8.0 | 10.3 | 112 | | 0.63 | 94 | | 17.95 | 14.13 | 13.03 |
| 30.0 | 1240 | 8.0 | | | 3.29 | 35.6 | | 7.9 | 10.3 | 112 | | 0.62 | 94 | | 18.04 | 14.14 | 13.10 |
| 30.0 | 1240 | 9.0 | | | 3.29 | 35.6 | | 7.9 | 10.2 | 112 | | 0.65 | 98 | | 18.10 | 14.15 | 13.15 |
| 30.0 | 1240 | 10.0 | | | 3.44 | 37.2 | | 7.9 | 10.2 | 111 | | 0.71 | 107 | | 18.10 | 14.15 | 13.15 |
| 30.0 | 1240 | 11.0 | | | 3.55 | 38.2 | | 7.9 | 10.2 | 111 | | 0.88 | 132 | | 18.11 | 14.15 | 13.15 |
| 30.0 | 1240 | 12.0 | 42.1 | 0.72 | 3.50 | 37.7 | | 7.8 | 10.2 | 111 | | 0.97 | 147 | | 18.11 | 14.15 | 13.15 |
| 29.5 | 1225 | 1.0 | | | 4.44 | 47.3 | | 8.6 | 11.0 | 120 | | 0.34 | 50 | 3.9 | 17.62 | 14.24 | 12.76 |
| 29.5 | 1225 | 2.0 | | | 4.25 | 45.3 | | 8.4 | 10.7 | 117 | | 0.36 | 54 | | 17.75 | 14.15 | 12.88 |
| 29.5 | 1225 | 3.0 | | | 3.94 | 42.2 | | 8.3 | 10.6 | 116 | | 0.44 | 66 | | 17.85 | 14.16 | 12.95 |
| 29.5 | 1225 | 4.0 | | | 3.54 | 38.2 | | 8.3 | 10.6 | 116 | | 0.46 | 68 | | 17.94 | 14.18 | 13.02 |
| 29.5 | 1225 | 5.0 | | | 3.13 | 34.0 | | 8.3 | 10.7 | 116 | | 0.47 | 70 | | 18.01 | 14.22 | 13.06 |
| 29.5 | 1225 | 6.0 | | | 2.70 | 29.6 | | 8.2 | 10.6 | 116 | | 0.48 | 72 | | 18.24 | 14.28 | 13.23 |
| 29.5 | 1225 | 7.0 | | | 2.41 | 26.7 | | 8.1 | 10.5 | 115 | | 0.47 | 71 | | 18.30 | 14.24 | 13.28 |

South San Francisco Bay April 2, 1998 98092

| 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 | 1225 | 8.0 | | | 2.32 | 25.8 | | 8.1 | 10.4 | 114 | | 0.46 | 68 | | 18.30 | 14.22 | 13.29 |
| 29.5 | 1225 | 9.0 | | | 2.30 | 25.6 | | 8.1 | 10.4 | 114 | | 0.44 | 65 | | 18.30 | 14.22 | 13.29 |
| 29.5 | 1225 | 10.0 | | | 2.29 | 25.5 | | 8.0 | 10.4 | 113 | | 0.43 | 64 | | 18.32 | 14.20 | 13.30 |
| 29.5 | 1225 | 11.0 | | | 2.32 | 25.7 | | 8.0 | 10.3 | 113 | | 0.42 | 63 | | 18.36 | 14.19 | 13.33 |
| 29.5 | 1225 | 12.0 | | | 2.40 | 26.6 | | 7.9 | 10.3 | 112 | | 0.44 | 66 | | 18.48 | 14.20 | 13.42 |
| 29.5 | 1225 | 13.0 | | | 2.51 | 27.7 | | 7.9 | 10.2 | 112 | | 0.52 | 77 | | 18.58 | 14.22 | 13.50 |
| 29.5 | 1225 | 14.0 | | | 2.51 | 27.7 | | 7.9 | 10.2 | 112 | | 0.59 | 89 | | 18.59 | 14.22 | 13.51 |
| 29.5 | 1225 | 15.0 | | | 2.47 | 27.3 | | .9 | 10.2 | 112 | | 0.98 | 148 | | 18.60 | 14.22 | 13.52 |
| 29.0 | 1212 | 1.0 | | | 2.87 | 31.4 | | .5 | 10.8 | 119 | | 0.26 | 39 | 3.3 | 18.09 | 14.29 | 13.11 |
| 29.0 | 1212 | 2.0 | | | 2.82 | 30.9 | | 8.4 | 10.7 | 117 | | 0.31 | 46 | | 18.13 | 14.27 | 13.14 |
| 29.0 | 1212 | 3.0 | | | 2.82 | 30.9 | | 8.3 | 10.7 | 117 | | 0.32 | 48 | | 18.13 | 14.27 | 13.14 |
| 29.0 | 1212 | 4.0 | | | 2.69 | 29.6 | | 8.2 | 10.5 | 115 | | 0.33 | 48 | | 18.17 | 14.24 | 13.18 |
| 29.0 | 1212 | 5.0 | | | 2.42 | 26.8 | | 8.1 | 10.4 | 114 | | 0.34 | 50 | | 18.32 | 14.18 | 13.31 |
| 29.0 | 1212 | 6.0 | | | 2.21 | 24.7 | | 8.0 | 10.4 | 114 | | 0.37 | 54 | | 18.39 | 14.16 | 13.36 |
| 29.0 | 1212 | 7.0 | | | 2.06 | 23.2 | | 8.0 | 10.3 | 113 | | 0.39 | 58 | | 18.42 | 14.17 | 13.39 |
| 29.0 | 1212 | 8.0 | | | 1.99 | 22.5 | | 8.0 | 10.3 | 113 | | 0.41 | 61 | | 18.45 | 14.18 | 13.41 |
| 29.0 | 1212 | 9.0 | | | 2.08 | 23.3 | | 8.0 | 10.3 | 113 | | 0.43 | 63 | | 18.49 | 14.19 | 13.44 |
| 29.0 | 1212 | 10.0 | | | 2.14 | 24.0 | | 8.0 | 10.3 | 113 | | 0.45 | 68 | | 18.59 | 14.22 | 13.51 |
| 29.0 | 1212 | 11.0 | | | 2.14 | 24.0 | | 8.0 | 10.3 | 113 | | 0.45 | 67 | | 18.65 | 14.23 | 13.55 |
| 29.0 | 1212 | 12.0 | | | 2.16 | 24.2 | | 7.9 | 10.3 | 113 | | 0.46 | 68 | | 18.69 | 14.23 | 13.58 |
| 29.0 | 1212 | 13.0 | | | 2.19 | 24.5 | | 7.9 | 10.3 | 113 | | 0.52 | 78 | | 18.70 | 14.23 | 13.59 |
| 29.0 | 1212 | 14.0 | | | 2.21 | 24.7 | | 7.9 | 10.2 | 112 | | 0.57 | 86 | | 18.70 | 14.23 | 13.59 |
| 28.0 | 1157 | 1.0 | | | 2.24 | 24.9 | | 8.4 | 10.8 | 118 | | 0.21 | 31 | 3.0 | 18.33 | 14.24 | 13.31 |
| 28.0 | 1157 | 2.0 | | | 2.20 | 24.6 | | 8.2 | 10.6 | 116 | | 0.26 | 38 | | 18.42 | 14.19 | 13.38 |
| 28.0 | 1157 | 3.0 | | | 2.18 | 24.4 | | 8.1 | 10.5 | 115 | | 0.29 | 43 | | 18.44 | 14.18 | 13.40 |
| 28.0 | 1157 | 4.0 | | | 2.26 | 25.2 | | 8.1 | 10.4 | 114 | | 0.31 | 46 | | 18.47 | 14.18 | 13.42 |
| 28.0 | 1157 | 5.0 | | | 2.27 | 25.3 | | 8.1 | 10.4 | 114 | | 0.35 | 51 | | 18.48 | 14.18 | 13.43 |
| 28.0 | 1157 | 6.0 | | | 2.16 | 24.1 | | 8.0 | 10.4 | 114 | | 0.37 | 54 | | 18.56 | 14.18 | 13.49 |
| 28.0 | 1157 | 7.0 | | | 2.11 | 23.7 | | 8.0 | 10.4 | 113 | | 0.40 | 59 | | 18.59 | 14.19 | 13.51 |
| 28.0 | 1157 | 8.0 | | | 2.07 | 23.3 | | 8.0 | 10.4 | 113 | | 0.41 | 61 | | 18.61 | 14.19 | 13.53 |
| 28.0 | 1157 | 9.0 | | | 2.06 | 23.1 | | 8.0 | 10.4 | 114 | | 0.43 | 65 | | 18.62 | 14.20 | 13.53 |
| 28.0 | 1157 | 10.0 | | | 2.00 | 22.6 | | 8.0 | 10.4 | 114 | | 0.45 | 67 | | 18.62 | 14.21 | 13.53 |
| 28.0 | 1157 | 11.0 | | | 1.96 | 22.2 | | 8.1 | 10.4 | 114 | | 0.45 | 67 | | 18.64 | 14.22 | 13.55 |
| 28.0 | 1157 | 12.0 | | | 1.97 | 22.2 | | 8.1 | 10.4 | 114 | | 0.46 | 68 | | 18.64 | 14.22 | 13.54 |
| 28.0 | 1157 | 13.0 | | | 1.98 | 22.3 | | 8.1 | 10.4 | 114 | | 0.46 | 69 | | 18.63 | 14.21 | 13.54 |
| 28.0 | 1157 | 14.0 | | | 2.00 | 22.5 | | 8.1 | 10.4 | 114 | | 0.46 | 69 | | 18.64 | 14.22 | 13.54 |
| 27.0 | 1142 | 1.0 | | | 1.67 | 19.2 | | 8.2 | 10.5 | 116 | | 0.19 | 27 | 2.5 | 18.61 | 14.28 | 13.51 |
| 27.0 | 1142 | 2.0 | 16.8 | 0.85 | 1.64 | 18.9 | 10.5 | 8.0 | 10.4 | 114 | 29.6 | 0.20 | 29 | | 18.66 | 14.19 | 13.56 |
| 27.0 | 1142 | 3.0 | | | 1.66 | 19.1 | | 8.0 | 10.3 | 113 | | 0.26 | 39 | | 18.68 | 14.20 | 13.58 |
| 27.0 | 1142 | 4.0 | | | 1.72 | 19.7 | | 7.9 | 10.3 | 113 | | 0.35 | 52 | | 18.70 | 14.21 | 13.60 |

South San Francisco Bay April 2, 1998 98092

| 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 | 1142 | 5.0 | | | 1.76 | 20.1 | | 7.9 | 10.3 | 113 | | 0.40 | 59 | | 18.71 | 14.21 | 13.60 |
| 27.0 | 1142 | 6.0 | | | 1.76 | 20.1 | | 7.9 | 10.3 | 113 | | 0.41 | 61 | | 18.73 | 14.22 | 13.61 |
| 27.0 | 1142 | 7.0 | | | 1.74 | 19.9 | | 7.9 | 10.3 | 113 | | 0.42 | 63 | | 18.73 | 14.23 | 13.62 |
| 27.0 | 1142 | 8.0 | | | 1.68 | 19.3 | | 7.9 | 10.3 | 113 | | 0.43 | 64 | | 18.74 | 14.23 | 13.62 |
| 27.0 | 1142 | 9.0 | | | 1.69 | 19.4 | | 7.9 | 10.3 | 113 | | 0.43 | 64 | | 18.75 | 14.23 | 13.62 |
| 27.0 | 1142 | 10.0 | | | 1.66 | 19.0 | | 7.9 | 10.3 | 113 | | 0.43 | 64 | | 18.75 | 14.23 | 13.63 |
| 27.0 | 1142 | 11.0 | 17.7 | 0.72 | 1.63 | 18.8 | | 7.9 | 10.3 | 113 | | 0.43 | 64 | | 18.75 | 14.24 | 13.63 |
| 26.0 | 1127 | 1.0 | | | 1.49 | 17.3 | | 8.4 | 10.8 | 119 | | 0.17 | 24 | 2.3 | 18.91 | 14.64 | 13.67 |
| 26.0 | 1127 | 2.0 | | | 1.41 | 16.5 | | 8.3 | 10.6 | 118 | | 0.17 | 24 | | 18.91 | 14.59 | 13.69 |
| 26.0 | 1127 | 3.0 | | | 1.34 | 15.8 | | 8.2 | 10.5 | 116 | | 0.17 | 24 | | 18.92 | 14.51 | 13.71 |
| 26.0 | 1127 | 4.0 | | | 1.31 | 15.6 | | 8.1 | 10.5 | 116 | | 0.19 | 27 | | 18.93 | 14.47 | 13.72 |
| 26.0 | 1127 | 5.0 | | | 1.43 | 16.8 | | 8.1 | 10.5 | 115 | | 0.22 | 32 | | 18.93 | 14.46 | 13.73 |
| 26.0 | 1127 | 6.0 | | | 1.53 | 17.8 | | 8.1 | 10.4 | 115 | | 0.23 | 34 | | 18.93 | 14.46 | 13.73 |
| 26.0 | 1127 | 7.0 | | | 1.54 | 17.8 | | 8.1 | 10.5 | 115 | | 0.24 | 35 | | 18.94 | 14.46 | 13.73 |
| 26.0 | 1127 | 8.0 | | | 1.58 | 18.3 | | 8.1 | 10.4 | 115 | | 0.25 | 37 | | 18.94 | 14.46 | 13.73 |
| 26.0 | 1127 | 9.0 | | | 1.55 | 18.0 | | 8.1 | 10.4 | 115 | | 0.27 | 40 | | 18.94 | 14.45 | 13.73 |
| 26.0 | 1127 | 10.0 | | | 1.49 | 17.4 | | 8.1 | 10.4 | 115 | | 0.30 | 44 | | 18.94 | 14.45 | 13.73 |
| 25.0 | 1110 | 1.0 | | | 1.29 | 15.3 | | 8.3 | 10.7 | 118 | | 0.18 | 26 | 2.2 | 18.65 | 14.77 | 13.45 |
| 25.0 | 1110 | 2.0 | | | 1.36 | 16.1 | | 8.2 | 10.6 | 117 | | 0.18 | 26 | | 18.66 | 14.55 | 13.50 |
| 25.0 | 1110 | 3.0 | | | 1.36 | 16.1 | | 8.2 | 10.5 | 116 | | 0.21 | 30 | | 18.67 | 14.47 | 13.52 |
| 25.0 | 1110 | 4.0 | | | 1.26 | 15.1 | | 8.2 | 10.5 | 116 | | 0.23 | 33 | | 18.67 | 14.46 | 13.53 |
| 25.0 | 1110 | 5.0 | | | 1.26 | 15.1 | | 8.1 | 10.5 | 116 | | 0.25 | 36 | | 18.69 | 14.46 | 13.54 |
| 25.0 | 1110 | 6.0 | | | 1.34 | 15.9 | | 8.1 | 10.5 | 115 | | 0.26 | 38 | | 18.70 | 14.46 | 13.55 |
| 25.0 | 1110 | 7.0 | | | 1.25 | 15.0 | | 8.1 | 10.5 | 115 | | 0.28 | 41 | | 18.71 | 14.46 | 13.55 |
| 25.0 | 1110 | 8.0 | | | 1.21 | 14.5 | | 8.2 | 10.5 | 116 | | 0.29 | 43 | | 18.72 | 14.45 | 13.56 |
| 24.0 | 1054 | 1.0 | | | 0.90 | 11.4 | | 8.4 | 10.7 | 117 | | 0.08 | 10 | 1.4 | 17.08 | 14.58 | 12.28 |
| 24.0 | 1054 | 2.0 | 9.5 | 0.90 | 0.97 | 12.1 | 10.8 | 8.4 | 10.8 | 118 | 13.8 | 0.09 | 13 | | 17.29 | 14.44 | 12.47 |
| 24.0 | 1054 | 3.0 | | | 1.15 | 13.9 | | 8.3 | 10.7 | 117 | | 0.09 | 12 | | 17.93 | 14.43 | 12.96 |
| 24.0 | 1054 | 4.0 | | | 1.19 | 14.3 | | 8.2 | 10.6 | 116 | | 0.10 | 14 | | 18.27 | 14.44 | 13.22 |
| 24.0 | 1054 | 5.0 | | | 1.07 | 13.1 | | 8.1 | 10.5 | 115 | | 0.12 | 17 | | 18.39 | 14.46 | 13.31 |
| 24.0 | 1054 | 6.0 | | | 1.04 | 12.8 | | 8.1 | 10.5 | 115 | | 0.14 | 20 | | 18.42 | 14.47 | 13.33 |
| 24.0 | 1054 | 7.0 | | | 1.05 | 12.9 | | 8.1 | 10.4 | 115 | | 0.16 | 22 | | 18.43 | 14.47 | 13.34 |
| 24.0 | 1054 | 8.0 | | | 1.08 | 13.3 | | 8.1 | 10.4 | 115 | | 0.17 | 25 | | 18.44 | 14.47 | 13.34 |
| 24.0 | 1054 | 9.0 | | | 1.08 | 13.2 | | 8.1 | 10.4 | 115 | | 0.19 | 27 | | 18.44 | 14.47 | 13.35 |
| 24.0 | 1054 | 10.0 | 12.4 | 0.80 | 1.06 | 13.1 | | 8.1 | 10.4 | 115 | | 0.20 | 29 | | 18.45 | 14.47 | 13.35 |
| 23.0 | 1036 | 1.0 | | | 0.79 | 10.3 | | 8.2 | 10.6 | 115 | | 0.11 | 15 | 1.6 | 17.45 | 14.37 | 12.60 |
| 23.0 | 1036 | 2.0 | | | 0.83 | 10.7 | | 8.2 | 10.6 | 116 | | 0.12 | 17 | | 17.46 | 14.37 | 12.61 |
| 23.0 | 1036 | 3.0 | | | 0.83 | 10.7 | | 8.2 | 10.6 | 116 | | 0.11 | 16 | | 17.46 | 14.36 | 12.61 |
| 23.0 | 1036 | 4.0 | | | 0.86 | 11.0 | | 8.2 | 10.6 | 116 | | 0.12 | 16 | | 17.48 | 14.35 | 12.63 |

South San Francisco Bay April 2, 1998 98092

| 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 | 1036 | 5.0 | | | 0.85 | 10.9 | | 8.2 | 10.6 | 116 | | 0.12 | 17 | | 17.49 | 14.35 | 12.64 |
| 23.0 | 1036 | 6.0 | | | 0.86 | 11.0 | | 8.3 | 10.6 | 116 | | 0.12 | 17 | | 17.50 | 14.35 | 12.64 |
| 23.0 | 1036 | 7.0 | | | 0.92 | 11.6 | | 8.2 | 10.6 | 116 | | 0.12 | 17 | | 17.51 | 14.35 | 12.66 |
| 23.0 | 1036 | 8.0 | | | 0.96 | 12.0 | | 8.2 | 10.6 | 116 | | 0.12 | 17 | | 17.52 | 14.35 | 12.66 |
| 23.0 | 1036 | 9.0 | | | 1.00 | 12.4 | | 8.2 | 10.6 | 116 | | 0.12 | 17 | | 17.52 | 14.34 | 12.66 |
| 23.0 | 1036 | 10.0 | | | 1.08 | 13.2 | | 8.2 | 10.6 | 115 | | 0.13 | 18 | | 17.54 | 14.33 | 12.68 |
| 23.0 | 1036 | 11.0 | | | 1.16 | 14.0 | | 8.2 | 10.5 | 115 | | 0.13 | 19 | | 17.65 | 14.31 | 12.77 |
| 23.0 | 1036 | 12.0 | | | 1.24 | 14.9 | | 8.1 | 10.4 | 114 | | 0.16 | 23 | | 17.84 | 14.29 | 12.92 |
| 23.0 | 1036 | 13.0 | | | 1.21 | 14.6 | | 8.1 | 10.4 | 114 | | 0.21 | 30 | | 17.88 | 14.29 | 12.95 |
| 23.0 | 1036 | 14.0 | | | 1.33 | 15.8 | | 8.1 | 10.4 | 114 | | 0.25 | 36 | | 17.89 | 14.29 | 12.96 |
| 23.0 | 1036 | 15.0 | | | 1.43 | 16.8 | | 8.1 | 10.4 | 114 | | 0.28 | 41 | | 17.89 | 14.29 | 12.95 |
| 22.0 | 1017 | 1.0 | | | 1.04 | 12.8 | | 7.9 | 10.2 | 111 | | 0.18 | 26 | 2.1 | 17.50 | 14.21 | 12.67 |
| 22.0 | 1017 | 2.0 | | | 1.06 | 13.0 | | 7.9 | 10.2 | 111 | | 0.18 | 25 | | 17.50 | 14.19 | 12.68 |
| 22.0 | 1017 | 3.0 | | | 1.00 | 12.4 | | 7.9 | 10.2 | 111 | | 0.17 | 25 | | 17.51 | 14.20 | 12.68 |
| 22.0 | 1017 | 4.0 | | | 1.00 | 12.4 | | 7.9 | 10.2 | 111 | | 0.18 | 26 | | 17.50 | 14.19 | 12.68 |
| 22.0 | 1017 | 5.0 | | | 1.02 | 12.6 | | 7.9 | 10.2 | 111 | | 0.18 | 26 | | 17.50 | 14.19 | 12.68 |
| 22.0 | 1017 | 6.0 | | | 1.08 | 13.3 | | 7.9 | 10.2 | 111 | | 0.19 | 28 | | 17.50 | 14.19 | 12.68 |
| 22.0 | 1017 | 7.0 | | | 1.14 | 13.8 | | 7.9 | 10.2 | 111 | | 0.20 | 30 | | 17.50 | 14.19 | 12.68 |
| 22.0 | 1017 | 8.0 | | | 1.18 | 14.3 | | 7.9 | 10.2 | 111 | | 0.20 | 29 | | 17.52 | 14.18 | 12.69 |
| 22.0 | 1017 | 9.0 | | | 1.26 | 15.1 | | 7.9 | 10.2 | 111 | | 0.23 | 33 | | 17.53 | 14.17 | 12.70 |
| 22.0 | 1017 | 10.0 | | | 1.30 | 15.4 | | 7.8 | 10.2 | 111 | | 0.26 | 38 | | 17.57 | 14.16 | 12.73 |
| 22.0 | 1017 | 11.0 | | | 1.28 | 15.2 | | 7.8 | 10.1 | 110 | | 0.33 | 49 | | 17.69 | 14.12 | 12.84 |
| 22.0 | 1017 | 12.0 | | | 1.31 | 15.5 | | 7.7 | 10.1 | 109 | | 0.47 | 70 | | 17.92 | 14.07 | 13.02 |
| 22.0 | 1017 | 13.0 | | | 1.31 | 15.5 | | 7.7 | 10.0 | 109 | | 0.54 | 81 | | 18.24 | 14.01 | 13.27 |
| 22.0 | 1017 | 14.0 | | | 1.19 | 14.4 | | 7.6 | 9.9 | 108 | | 0.60 | 90 | | 18.46 | 13.97 | 13.45 |
| 22.0 | 1017 | 15.0 | | | 1.07 | 13.2 | | 7.5 | 9.8 | 107 | | 0.60 | 90 | | 19.11 | 13.83 | 13.98 |
| 22.0 | 1017 | 16.0 | | | 1.01 | 12.5 | | 7.4 | 9.7 | 106 | | 0.59 | 89 | | 19.52 | 13.75 | 14.31 |
| 22.0 | 1017 | 17.0 | | | 0.98 | 12.2 | | 7.4 | 9.7 | 105 | | 0.57 | 86 | | 20.19 | 13.60 | 14.85 |
| 22.0 | 1017 | 18.0 | | | 0.98 | 12.2 | | 7.4 | 9.7 | 107 | | 0.58 | 88 | | 21.08 | 13.47 | 15.55 |
| 21.0 | 0958 | 1.0 | | | 0.76 | 10.0 | | 8.0 | 10.4 | 111 | | 0.17 | 25 | 2.1 | 16.53 | 13.83 | 12.00 |
| 21.0 | 0958 | 2.0 | 7.2 | 0.83 | 0.77 | 10.1 | 10.3 | 8.0 | 10.4 | 112 | 23.2 | 0.17 | 25 | | 16.53 | 13.82 | 12.00 |
| 21.0 | 0958 | 3.0 | | | 0.77 | 10.1 | | 8.1 | 10.4 | 112 | | 0.17 | 25 | | 16.54 | 13.82 | 12.00 |
| 21.0 | 0958 | 4.0 | | | 0.75 | 9.9 | | 8.1 | 10.4 | 112 | | 0.18 | 26 | | 16.56 | 13.81 | 12.02 |
| 21.0 | 0958 | 5.0 | | | 0.80 | 10.3 | | 8.0 | 10.4 | 111 | | 0.20 | 30 | | 16.61 | 13.82 | 12.06 |
| 21.0 | 0958 | 6.0 | | | 0.89 | 11.3 | | 8.0 | 10.3 | 111 | | 0.23 | 34 | | 16.80 | 13.85 | 12.20 |
| 21.0 | 0958 | 7.0 | | | 0.97 | 12.1 | | 7.9 | 10.3 | 111 | | 0.26 | 38 | | 17.09 | 13.89 | 12.41 |
| 21.0 | 0958 | 8.0 | | | 0.94 | 11.8 | | 7.9 | 10.2 | 110 | | 0.29 | 42 | | 17.25 | 13.90 | 12.54 |
| 21.0 | 0958 | 9.0 | | | 0.90 | 11.4 | | 7.8 | 10.2 | 110 | | 0.32 | 47 | | 17.34 | 13.90 | 12.60 |
| 21.0 | 0958 | 10.0 | | | 0.94 | 11.8 | | 7.8 | 10.1 | 109 | | 0.33 | 48 | | 17.41 | 13.89 | 12.66 |
| 21.0 | 0958 | 11.0 | | | 1.04 | 12.8 | | 7.8 | 10.1 | 109 | | 0.34 | 50 | | 17.47 | 13.87 | 12.71 |
| 21.0 | 0958 | 12.0 | | | 1.12 | 13.6 | | 7.8 | 10.1 | 109 | | 0.39 | 58 | | 17.55 | 13.86 | 12.77 |

South San Francisco Bay April 2, 1998 98092

| 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 | 0958 | 13.0 | | | 1.15 | 14.0 | | 7.8 | 10.1 | 109 | | 0.44 | 65 | | 17.59 | 13.86 | 12.81 |
| 21.0 | 0958 | 14.0 | | | 1.21 | 14.6 | | 7.8 | 10.1 | 109 | | 0.48 | 72 | | 17.69 | 13.85 | 12.88 |
| 21.0 | 0958 | 15.0 | | | 1.21 | 14.5 | | 7.7 | 10.0 | 108 | | 0.53 | 79 | | 17.89 | 13.83 | 13.04 |
| 21.0 | 0958 | 16.0 | | | 1.06 | 13.0 | | 7.4 | 9.7 | 106 | | 0.55 | 82 | | 19.57 | 13.71 | 14.35 |
| 21.0 | 0958 | 17.0 | 12.1 | 0.68 | 1.04 | 12.8 | | 7.4 | 9.8 | 107 | | 0.51 | 77 | | 21.70 | 13.44 | 16.04 |

| | n | r^2 | Slope | Inter. | Std. Err. |
|---|---|---|---|---|---|
| Fluorometer Calibration: | 10 | 0.994 | 10.138 | 2.265 | 4.049 |
| OBS Calibration: | 6 | 0.959 | 152.691 | -1.587 | 15.822 |
| Dissolved Oxygen Calibration: | 6 | 0.505 | 1.069 | 1.796 | 0.478 |

SeaBird v4.026

South San Francisco Bay April 9, 1998 98099

| 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 | 1324 | 1.0 | | | 4.10 | 108.8 | | 10.8 | 12.7 | 139 | | 0.74 | 121 | 8.5 | 15.11 | 15.06 | 10.69 |
| 36.0 | 1324 | 2.0 | 117.7 | 0.83 | 4.10 | 108.7 | 12.2 | 10.4 | 12.2 | 133 | 116.8 | 0.72 | 118 | | 15.13 | 15.02 | 10.71 |
| 36.0 | 1324 | 3.0 | | | 3.85 | 102.1 | | 9.9 | 11.7 | 127 | | 0.75 | 123 | | 15.49 | 14.65 | 11.05 |
| 36.0 | 1324 | 4.0 | | | 3.59 | 94.9 | | 9.7 | 11.4 | 124 | | 0.86 | 140 | | 15.67 | 14.60 | 11.20 |
| 36.0 | 1324 | 5.0 | | | 3.38 | 89.3 | | 9.6 | 11.3 | 123 | | 0.90 | 145 | | 15.74 | 14.59 | 11.26 |
| 36.0 | 1324 | 6.0 | | | 3.09 | 81.6 | | 9.6 | 11.3 | 123 | | 0.86 | 140 | | 15.78 | 14.59 | 11.29 |
| 36.0 | 1324 | 7.0 | 91.7 | 0.84 | 3.09 | 81.6 | | 9.7 | 11.5 | 124 | | 0.81 | 131 | | 15.80 | 14.58 | 11.30 |
| 35.0 | 1315 | 1.0 | | | 3.64 | 96.3 | | 10.4 | 12.3 | 134 | | 0.67 | 110 | 6.2 | 15.67 | 14.87 | 11.15 |
| 35.0 | 1315 | 2.0 | | | 3.67 | 97.1 | | 10.4 | 12.3 | 134 | | 0.65 | 106 | | 15.65 | 14.84 | 11.14 |
| 35.0 | 1315 | 3.0 | | | 3.73 | 98.8 | | 10.3 | 12.1 | 132 | | 0.66 | 108 | | 15.66 | 14.81 | 11.15 |
| 35.0 | 1315 | 4.0 | | | 3.45 | 91.2 | | 10.0 | 11.8 | 128 | | 0.67 | 109 | | 15.71 | 14.72 | 11.21 |
| 35.0 | 1315 | 5.0 | | | 2.94 | 77.5 | | 9.7 | 11.4 | 124 | | 0.68 | 111 | | 15.96 | 14.55 | 11.43 |
| 35.0 | 1315 | 6.0 | | | 2.63 | 69.3 | | 9.5 | 11.3 | 123 | | 0.61 | 99 | | 16.05 | 14.51 | 11.50 |
| 35.0 | 1315 | 7.0 | | | 2.73 | 71.8 | | 9.5 | 11.3 | 122 | | 0.55 | 91 | | 16.14 | 14.48 | 11.58 |
| 35.0 | 1315 | 8.0 | | | 2.89 | 76.3 | | 9.5 | 11.2 | 122 | | 0.67 | 110 | | 16.17 | 14.48 | 11.60 |
| 35.0 | 1315 | 9.0 | | | 2.84 | 74.9 | | 9.5 | 11.3 | 123 | | 0.81 | 133 | | 16.19 | 14.48 | 11.62 |
| 34.0 | 1303 | 1.0 | | | 3.10 | 81.8 | | 10.9 | 12.8 | 140 | | 0.51 | 84 | 6.0 | 15.99 | 14.87 | 11.40 |
| 34.0 | 1303 | 2.0 | | | 3.10 | 81.9 | | 10.7 | 12.6 | 137 | | 0.50 | 83 | | 16.00 | 14.86 | 11.41 |
| 34.0 | 1303 | 3.0 | | | 3.12 | 82.4 | | 10.1 | 12.0 | 130 | | 0.54 | 89 | | 16.13 | 14.63 | 11.55 |
| 34.0 | 1303 | 4.0 | | | 3.05 | 80.7 | | 9.7 | 11.5 | 125 | | 0.68 | 111 | | 16.32 | 14.42 | 11.73 |
| 34.0 | 1303 | 5.0 | | | 2.90 | 76.7 | | 9.5 | 11.3 | 122 | | 0.85 | 139 | | 16.33 | 14.42 | 11.73 |
| 34.0 | 1303 | 6.0 | | | 2.77 | 73.1 | | 9.4 | 11.2 | 121 | | 0.85 | 138 | | 16.38 | 14.41 | 11.78 |
| 34.0 | 1303 | 7.0 | | | 2.73 | 72.0 | | 9.4 | 11.2 | 121 | | 0.85 | 139 | | 16.42 | 14.39 | 11.81 |
| 34.0 | 1303 | 8.0 | | | 2.75 | 72.5 | | 9.5 | 11.3 | 122 | | 0.86 | 140 | | 16.41 | 14.39 | 11.80 |
| 33.0 | 1247 | 1.0 | | | 3.38 | 89.5 | | 11.6 | 13.6 | 150 | | 0.54 | 89 | 6.3 | 15.76 | 15.13 | 11.17 |
| 33.0 | 1247 | 2.0 | | | 3.35 | 88.7 | | 11.3 | 13.3 | 145 | | 0.53 | 87 | | 15.94 | 14.90 | 11.35 |
| 33.0 | 1247 | 3.0 | | | 3.12 | 82.4 | | 10.6 | 12.5 | 136 | | 0.54 | 88 | | 16.15 | 14.78 | 11.53 |
| 33.0 | 1247 | 4.0 | | | 2.77 | 72.9 | | 10.0 | 11.8 | 128 | | 0.55 | 90 | | 16.61 | 14.39 | 11.95 |
| 33.0 | 1247 | 5.0 | | | 2.51 | 66.0 | | 9.7 | 11.5 | 125 | | 0.57 | 94 | | 16.70 | 14.35 | 12.03 |
| 33.0 | 1247 | 6.0 | | | 2.32 | 61.0 | | 9.6 | 11.4 | 123 | | 0.60 | 99 | | 16.76 | 14.34 | 12.08 |
| 33.0 | 1247 | 7.0 | | | 2.13 | 55.8 | | 9.5 | 11.3 | 122 | | 0.58 | 95 | | 16.82 | 14.34 | 12.12 |
| 33.0 | 1247 | 8.0 | | | 1.97 | 51.5 | | 9.4 | 11.2 | 121 | | 0.57 | 94 | | 16.86 | 14.34 | 12.16 |
| 33.0 | 1247 | 9.0 | | | 1.87 | 48.9 | | 9.4 | 11.1 | 121 | | 0.56 | 91 | | 16.87 | 14.33 | 12.16 |
| 33.0 | 1247 | 10.0 | | | 1.82 | 47.6 | | 9.3 | 11.1 | 120 | | 0.52 | 85 | | 16.88 | 14.33 | 12.17 |
| 33.0 | 1247 | 11.0 | | | 1.79 | 46.8 | | 9.3 | 11.0 | 120 | | 0.50 | 82 | | 16.89 | 14.33 | 12.19 |
| 33.0 | 1247 | 12.0 | | | 1.76 | 46.0 | | 9.3 | 11.0 | 120 | | 0.49 | 80 | | 16.89 | 14.33 | 12.18 |
| 33.0 | 1247 | 13.0 | | | 1.70 | 44.2 | | 9.3 | 11.0 | 120 | | 0.48 | 79 | | 16.91 | 14.32 | 12.20 |
| 33.0 | 1247 | 14.0 | | | 1.68 | 43.8 | | 9.3 | 11.0 | 120 | | 0.48 | 79 | | 16.94 | 14.31 | 12.22 |

South San Francisco Bay | April 9, 1998 | 98099

| 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 | 1235 | 1.0 | | | 2.48 | 65.4 | | 10.4 | 12.3 | 134 | | 0.54 | 88 | 6.4 | 16.48 | 14.89 | 11.77 |
| 32.0 | 1235 | 2.0 | 43.0 | 0.82 | 2.46 | 64.8 | 12.2 | 10.3 | 12.2 | 133 | 86.8 | 0.52 | 86 | | 16.57 | 14.84 | 11.85 |
| 32.0 | 1235 | 3.0 | | | 2.37 | 62.2 | | 10.2 | 12.1 | 133 | | 0.49 | 81 | | 16.73 | 14.78 | 11.98 |
| 32.0 | 1235 | 4.0 | | | 2.25 | 59.1 | | 9.9 | 11.8 | 129 | | 0.44 | 74 | | 16.76 | 14.82 | 11.99 |
| 32.0 | 1235 | 5.0 | | | 2.09 | 54.7 | | 9.6 | 11.4 | 124 | | 0.45 | 74 | | 16.92 | 14.50 | 12.17 |
| 32.0 | 1235 | 6.0 | | | 1.88 | 49.2 | | 9.4 | 11.1 | 121 | | 0.54 | 89 | | 17.01 | 14.31 | 12.28 |
| 32.0 | 1235 | 7.0 | | | 1.78 | 46.4 | | 9.3 | 11.0 | 119 | | 0.59 | 97 | | 17.02 | 14.29 | 12.29 |
| 32.0 | 1235 | 8.0 | | | 1.74 | 45.5 | | 9.2 | 11.0 | 119 | | 0.58 | 96 | | 17.03 | 14.29 | 12.29 |
| 32.0 | 1235 | 9.0 | | | 1.70 | 44.4 | | 9.2 | 10.9 | 119 | | 0.57 | 94 | | 17.03 | 14.30 | 12.29 |
| 32.0 | 1235 | 10.0 | | | 1.70 | 44.3 | | 9.2 | 10.9 | 119 | | 0.57 | 93 | | 17.03 | 14.30 | 12.29 |
| 32.0 | 1235 | 11.0 | | | 1.73 | 45.1 | | 9.2 | 10.9 | 118 | | 0.59 | 97 | | 17.02 | 14.30 | 12.29 |
| 32.0 | 1235 | 12.0 | 24.7 | 0.78 | 1.72 | 44.9 | | 9.2 | 10.9 | 119 | | 0.60 | 99 | | 17.02 | 14.30 | 12.29 |
| 31.0 | 1224 | 1.0 | | | 1.37 | 35.4 | | 9.8 | 11.6 | 126 | | 0.31 | 53 | 3.6 | 17.08 | 14.56 | 12.29 |
| 31.0 | 1224 | 2.0 | | | 1.37 | 35.3 | | 9.7 | 11.5 | 125 | | 0.33 | 55 | | 17.08 | 14.56 | 12.29 |
| 31.0 | 1224 | 3.0 | | | 1.41 | 36.6 | | 9.5 | 11.2 | 122 | | 0.33 | 55 | | 17.09 | 14.51 | 12.31 |
| 31.0 | 1224 | 4.0 | | | 1.45 | 37.7 | | 9.3 | 11.0 | 120 | | 0.35 | 59 | | 17.07 | 14.27 | 12.33 |
| 31.0 | 1224 | 5.0 | | | 1.47 | 38.1 | | 9.2 | 10.9 | 119 | | 0.41 | 67 | | 17.08 | 14.22 | 12.35 |
| 31.0 | 1224 | 6.0 | | | 1.46 | 37.8 | | 9.2 | 10.9 | 118 | | 0.43 | 71 | | 17.10 | 14.22 | 12.36 |
| 31.0 | 1224 | 7.0 | | | 1.46 | 37.9 | | 9.2 | 10.9 | 118 | | 0.44 | 72 | | 17.12 | 14.22 | 12.38 |
| 31.0 | 1224 | 8.0 | | | 1.48 | 38.4 | | 9.2 | 10.9 | 118 | | 0.44 | 73 | | 17.12 | 14.22 | 12.38 |
| 31.0 | 1224 | 9.0 | | | 1.47 | 38.1 | | 9.2 | 10.9 | 118 | | 0.44 | 72 | | 17.13 | 14.23 | 12.38 |
| 31.0 | 1224 | 10.0 | | | 1.45 | 37.6 | | 9.2 | 10.9 | 118 | | 0.44 | 73 | | 17.13 | 14.23 | 12.39 |
| 31.0 | 1224 | 11.0 | | | 1.47 | 38.2 | | 9.2 | 10.9 | 118 | | 0.45 | 75 | | 17.13 | 14.23 | 12.39 |
| 31.0 | 1224 | 12.0 | | | 1.52 | 39.4 | | 9.2 | 10.9 | 118 | | 0.47 | 77 | | 17.13 | 14.24 | 12.39 |
| 31.0 | 1224 | 13.0 | | | 1.50 | 39.0 | | 9.2 | 10.9 | 118 | | 0.48 | 79 | | 17.13 | 14.24 | 12.39 |
| 31.0 | 1224 | 14.0 | | | 1.50 | 39.0 | | 9.1 | 10.8 | 118 | | 0.48 | 79 | | 17.13 | 14.24 | 12.39 |
| 31.0 | 1224 | 15.0 | | | 1.52 | 39.5 | | 9.2 | 10.9 | 118 | | 0.49 | 81 | | 17.13 | 14.24 | 12.38 |
| 30.0 | 1206 | 1.0 | | | 1.09 | 28.0 | | 9.4 | 11.1 | 122 | | 0.26 | 43 | 3.0 | 17.14 | 14.53 | 12.34 |
| 30.0 | 1206 | 2.0 | 31.1 | 0.83 | 1.10 | 28.2 | 11.1 | 9.2 | 10.9 | 119 | 43.2 | 0.25 | 42 | | 17.16 | 14.24 | 12.40 |
| 30.0 | 1206 | 3.0 | | | 1.12 | 28.7 | | 9.1 | 10.8 | 117 | | 0.31 | 53 | | 17.15 | 14.12 | 12.41 |
| 30.0 | 1206 | 4.0 | | | 1.18 | 30.3 | | 9.1 | 10.7 | 116 | | 0.36 | 59 | | 17.14 | 14.11 | 12.41 |
| 30.0 | 1206 | 5.0 | | | 1.22 | 31.5 | | 9.0 | 10.7 | 116 | | 0.37 | 61 | | 17.14 | 14.11 | 12.41 |
| 30.0 | 1206 | 6.0 | | | 1.23 | 31.8 | | 9.0 | 10.7 | 116 | | 0.37 | 62 | | 17.14 | 14.11 | 12.41 |
| 30.0 | 1206 | 7.0 | | | 1.26 | 32.6 | | 9.0 | 10.7 | 116 | | 0.38 | 63 | | 17.14 | 14.12 | 12.41 |
| 30.0 | 1206 | 8.0 | | | 1.29 | 33.4 | | 9.0 | 10.7 | 116 | | 0.41 | 67 | | 17.14 | 14.13 | 12.41 |
| 30.0 | 1206 | 9.0 | | | 1.30 | 33.6 | | 9.0 | 10.7 | 116 | | 0.42 | 70 | | 17.14 | 14.13 | 12.41 |
| 30.0 | 1206 | 10.0 | | | 1.32 | 34.2 | | 9.0 | 10.7 | 116 | | 0.42 | 70 | | 17.14 | 14.13 | 12.41 |
| 30.0 | 1206 | 11.0 | | | 1.36 | 35.1 | | 9.0 | 10.7 | 116 | | 0.43 | 71 | | 17.14 | 14.13 | 12.41 |
| 30.0 | 1206 | 12.0 | | | 1.36 | 35.1 | | 9.0 | 10.7 | 116 | | 0.45 | 74 | | 17.14 | 14.13 | 12.41 |
| 30.0 | 1206 | 13.0 | | | 1.34 | 34.7 | | 9.0 | 10.7 | 116 | | 0.44 | 73 | | 17.14 | 14.13 | 12.41 |
| 30.0 | 1206 | 14.0 | 36.5 | 0.72 | 1.35 | 35.0 | | 9.0 | 10.7 | 116 | | 0.44 | 72 | | 17.14 | 14.13 | 12.41 |

South San Francisco Bay April 9, 1998 98099

| 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 | 1151 | 1.0 | | | 1.18 | 30.4 | | 9.3 | 11.0 | 120 | | 0.30 | 50 | 3.6 | 17.13 | 14.25 | 12.38 |
| 29.5 | 1151 | 2.0 | | | 1.21 | 31.2 | | 9.2 | 10.9 | 118 | | 0.29 | 49 | | 17.14 | 14.20 | 12.39 |
| 29.5 | 1151 | 3.0 | | | 1.22 | 31.5 | | 9.1 | 10.8 | 117 | | 0.30 | 51 | | 17.14 | 14.14 | 12.41 |
| 29.5 | 1151 | 4.0 | | | 1.28 | 33.2 | | 9.1 | 10.7 | 116 | | 0.32 | 54 | | 17.14 | 14.13 | 12.41 |
| 29.5 | 1151 | 5.0 | | | 1.34 | 34.7 | | 9.0 | 10.7 | 116 | | 0.35 | 58 | | 17.14 | 14.13 | 12.41 |
| 29.5 | 1151 | 6.0 | | | 1.38 | 35.6 | | 9.0 | 10.7 | 116 | | 0.37 | 61 | | 17.14 | 14.12 | 12.41 |
| 29.5 | 1151 | 7.0 | | | 1.41 | 36.6 | | 9.0 | 10.7 | 116 | | 0.38 | 63 | | 17.14 | 14.11 | 12.41 |
| 29.5 | 1151 | 8.0 | | | 1.44 | 37.3 | | 9.0 | 10.7 | 116 | | 0.39 | 64 | | 17.14 | 14.11 | 12.41 |
| 29.5 | 1151 | 9.0 | | | 1.43 | 37.2 | | 9.0 | 10.7 | 116 | | 0.40 | 66 | | 17.14 | 14.11 | 12.41 |
| 29.5 | 1151 | 10.0 | | | 1.43 | 37.2 | | 9.0 | 10.7 | 116 | | 0.40 | 67 | | 17.14 | 14.11 | 12.41 |
| 29.5 | 1151 | 11.0 | | | 1.45 | 37.5 | | 9.0 | 10.7 | 116 | | 0.40 | 67 | | 17.14 | 14.11 | 12.41 |
| 29.5 | 1151 | 12.0 | | | 1.44 | 37.4 | | 9.0 | 10.7 | 116 | | 0.40 | 67 | | 17.14 | 14.11 | 12.41 |
| 29.5 | 1151 | 13.0 | | | 1.44 | 37.3 | | 9.0 | 10.7 | 115 | | 0.42 | 69 | | 17.14 | 14.11 | 12.41 |
| 29.5 | 1151 | 14.0 | | | 1.46 | 37.9 | | 9.0 | 10.7 | 115 | | 0.42 | 69 | | 17.14 | 14.11 | 12.41 |
| 29.5 | 1151 | 15.0 | | | 1.45 | 37.6 | | 9.0 | 10.6 | 115 | | 0.43 | 71 | | 17.14 | 14.11 | 12.41 |
| 29.5 | 1151 | 16.0 | | | 1.43 | 37.0 | | 9.0 | 10.6 | 115 | | 0.43 | 71 | | 17.14 | 14.12 | 12.41 |
| 29.0 | 1138 | 1.0 | | | 1.25 | 32.1 | | 9.1 | 10.8 | 117 | | 0.36 | 60 | 3.9 | 17.09 | 14.15 | 12.37 |
| 29.0 | 1138 | 2.0 | | | 1.26 | 32.4 | | 9.1 | 10.8 | 117 | | 0.36 | 59 | | 17.10 | 14.13 | 12.38 |
| 29.0 | 1138 | 3.0 | | | 1.28 | 33.1 | | 9.1 | 10.7 | 116 | | 0.36 | 61 | | 17.10 | 14.12 | 12.38 |
| 29.0 | 1138 | 4.0 | | | 1.33 | 34.5 | | 9.1 | 10.7 | 116 | | 0.37 | 62 | | 17.10 | 14.11 | 12.38 |
| 29.0 | 1138 | 5.0 | | | 1.37 | 35.5 | | 9.1 | 10.7 | 116 | | 0.38 | 63 | | 17.10 | 14.10 | 12.38 |
| 29.0 | 1138 | 6.0 | | | 1.36 | 35.3 | | 9.1 | 10.7 | 116 | | 0.38 | 63 | | 17.10 | 14.11 | 12.38 |
| 29.0 | 1138 | 7.0 | | | 1.39 | 36.0 | | 9.0 | 10.7 | 116 | | 0.38 | 62 | | 17.10 | 14.11 | 12.38 |
| 29.0 | 1138 | 8.0 | | | 1.41 | 36.6 | | 9.0 | 10.7 | 116 | | 0.38 | 64 | | 17.10 | 14.10 | 12.39 |
| 29.0 | 1138 | 9.0 | | | 1.39 | 36.0 | | 9.0 | 10.7 | 115 | | 0.39 | 65 | | 17.10 | 14.07 | 12.39 |
| 29.0 | 1138 | 10.0 | | | 1.37 | 35.4 | | 9.0 | 10.6 | 115 | | 0.42 | 69 | | 17.10 | 14.07 | 12.39 |
| 29.0 | 1138 | 11.0 | | | 1.35 | 34.9 | | 8.9 | 10.6 | 115 | | 0.44 | 72 | | 17.11 | 14.06 | 12.40 |
| 29.0 | 1138 | 12.0 | | | 1.37 | 35.5 | | 8.9 | 10.6 | 115 | | 0.43 | 71 | | 17.11 | 14.07 | 12.40 |
| 29.0 | 1138 | 13.0 | | | 1.41 | 36.7 | | 8.9 | 10.6 | 115 | | 0.44 | 72 | | 17.11 | 14.06 | 12.40 |
| 29.0 | 1138 | 14.0 | | | 1.38 | 35.8 | | 8.9 | 10.6 | 115 | | 0.44 | 72 | | 17.11 | 14.06 | 12.40 |
| 29.0 | 1138 | 15.0 | | | 1.31 | 33.8 | | 8.9 | 10.6 | 115 | | 0.44 | 73 | | 17.11 | 14.06 | 12.40 |
| 29.0 | 1138 | 16.0 | | | 1.31 | 33.9 | | 8.9 | 10.6 | 115 | | 0.45 | 75 | | 17.11 | 14.06 | 12.40 |
| 28.0 | 1123 | 1.0 | | | 1.20 | 30.9 | | 9.4 | 11.1 | 120 | | 0.23 | 39 | 2.9 | 17.07 | 14.20 | 12.35 |
| 28.0 | 1123 | 2.0 | | | 1.25 | 32.1 | | 9.1 | 10.8 | 117 | | 0.28 | 47 | | 17.04 | 13.98 | 12.36 |
| 28.0 | 1123 | 3.0 | | | 1.26 | 32.5 | | 9.0 | 10.7 | 116 | | 0.35 | 58 | | 17.04 | 13.98 | 12.36 |
| 28.0 | 1123 | 4.0 | | | 1.29 | 33.3 | | 9.0 | 10.7 | 115 | | 0.38 | 63 | | 17.04 | 13.98 | 12.36 |
| 28.0 | 1123 | 5.0 | | | 1.30 | 33.7 | | 9.0 | 10.6 | 115 | | 0.39 | 65 | | 17.04 | 13.98 | 12.36 |
| 28.0 | 1123 | 6.0 | | | 1.35 | 35.0 | | 9.0 | 10.6 | 115 | | 0.40 | 67 | | 17.04 | 13.98 | 12.36 |
| 28.0 | 1123 | 7.0 | | | 1.40 | 36.2 | | 8.9 | 10.6 | 115 | | 0.43 | 71 | | 17.03 | 13.97 | 12.36 |
| 28.0 | 1123 | 8.0 | | | 1.38 | 35.7 | | 8.9 | 10.6 | 115 | | 0.45 | 75 | | 17.03 | 13.97 | 12.36 |
| 28.0 | 1123 | 9.0 | | | 1.35 | 34.9 | | 8.9 | 10.6 | 115 | | 0.47 | 77 | | 17.03 | 13.97 | 12.36 |

South San Francisco Bay April 9, 1998 98099

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 28.0 | 1123 | 10.0 | | | 1.34 | 34.7 | | 8.9 | 10.6 | 115 | | 0.47 | 77 | | 17.03 | 13.97 | 12.36 |
| 28.0 | 1123 | 11.0 | | | 1.36 | 35.1 | | 8.9 | 10.6 | 115 | | 0.47 | 78 | | 17.03 | 13.97 | 12.36 |
| 28.0 | 1123 | 12.0 | | | 1.39 | 35.9 | | 8.9 | 10.6 | 115 | | 0.48 | 79 | | 17.03 | 13.97 | 12.36 |
| 28.0 | 1123 | 13.0 | | | 1.42 | 36.8 | | 8.9 | 10.6 | 115 | | 0.48 | 79 | | 17.03 | 13.97 | 12.36 |
| 28.0 | 1123 | 14.0 | | | 1.41 | 36.6 | | 8.9 | 10.6 | 115 | | 0.50 | 82 | | 17.03 | 13.97 | 12.36 |
| 28.0 | 1123 | 15.0 | | | 1.42 | 36.8 | | 8.9 | 10.6 | 115 | | 0.52 | 85 | | 17.03 | 13.97 | 12.36 |
| 28.0 | 1123 | 16.0 | | | 1.44 | 37.2 | | 9.0 | 10.6 | 115 | | 0.54 | 88 | | 17.03 | 13.97 | 12.35 |
| 27.0 | 1109 | 1.0 | | | 1.08 | 27.7 | | 9.2 | 10.9 | 118 | | 0.31 | 52 | 3.7 | 17.02 | 14.03 | 12.34 |
| 27.0 | 1109 | 2.0 | 31.6 | 0.73 | 1.09 | 28.1 | 10.7 | 9.2 | 10.9 | 118 | 57.9 | 0.34 | 57 | | 17.00 | 13.99 | 12.33 |
| 27.0 | 1109 | 3.0 | | | 1.12 | 28.6 | | 9.2 | 10.9 | 118 | | 0.37 | 61 | | 17.00 | 14.00 | 12.33 |
| 27.0 | 1109 | 4.0 | | | 1.16 | 29.8 | | 9.2 | 10.9 | 117 | | 0.37 | 62 | | 17.00 | 14.01 | 12.32 |
| 27.0 | 1109 | 5.0 | | | 1.21 | 31.2 | | 9.2 | 10.9 | 118 | | 0.36 | 61 | | 17.00 | 13.97 | 12.33 |
| 27.0 | 1109 | 6.0 | | | 1.23 | 31.7 | | 9.2 | 10.9 | 118 | | 0.38 | 63 | | 17.00 | 13.98 | 12.33 |
| 27.0 | 1109 | 7.0 | | | 1.22 | 31.5 | | 9.2 | 10.9 | 117 | | 0.37 | 61 | | 17.00 | 13.99 | 12.33 |
| 27.0 | 1109 | 8.0 | | | 1.26 | 32.5 | | 9.1 | 10.8 | 117 | | 0.37 | 62 | | 17.00 | 13.95 | 12.33 |
| 27.0 | 1109 | 9.0 | | | 1.32 | 34.0 | | 9.1 | 10.8 | 116 | | 0.39 | 65 | | 16.99 | 13.92 | 12.33 |
| 27.0 | 1109 | 10.0 | | | 1.33 | 34.5 | | 9.1 | 10.8 | 116 | | 0.43 | 71 | | 16.99 | 13.92 | 12.33 |
| 27.0 | 1109 | 11.0 | | | 1.32 | 34.0 | | 9.1 | 10.8 | 116 | | 0.47 | 78 | | 16.99 | 13.92 | 12.33 |
| 27.0 | 1109 | 12.0 | 38.5 | 0.71 | 1.31 | 33.9 | | 9.1 | 10.8 | 116 | | 0.50 | 82 | | 16.99 | 13.92 | 12.33 |
| 26.0 | 1056 | 1.0 | | | 0.95 | 24.1 | | 8.8 | 10.5 | 113 | | 0.32 | 54 | 3.7 | 17.08 | 13.76 | 12.43 |
| 26.0 | 1056 | 2.0 | | | 0.92 | 23.5 | | 8.8 | 10.4 | 112 | | 0.32 | 54 | | 17.08 | 13.75 | 12.43 |
| 26.0 | 1056 | 3.0 | | | 0.93 | 23.7 | | 8.8 | 10.4 | 112 | | 0.33 | 55 | | 17.08 | 13.74 | 12.43 |
| 26.0 | 1056 | 4.0 | | | 0.98 | 25.0 | | 8.7 | 10.4 | 112 | | 0.33 | 56 | | 17.09 | 13.72 | 12.44 |
| 26.0 | 1056 | 5.0 | | | 1.03 | 26.2 | | 8.7 | 10.4 | 111 | | 0.34 | 57 | | 17.09 | 13.72 | 12.44 |
| 26.0 | 1056 | 6.0 | | | 1.01 | 25.9 | | 8.7 | 10.4 | 111 | | 0.35 | 59 | | 17.09 | 13.71 | 12.45 |
| 26.0 | 1056 | 7.0 | | | 1.00 | 25.6 | | 8.7 | 10.4 | 111 | | 0.37 | 61 | | 17.09 | 13.71 | 12.45 |
| 26.0 | 1056 | 8.0 | | | 1.05 | 26.9 | | 8.7 | 10.4 | 111 | | 0.38 | 63 | | 17.10 | 13.71 | 12.45 |
| 26.0 | 1056 | 9.0 | | | 1.11 | 28.6 | | 8.7 | 10.4 | 111 | | 0.39 | 65 | | 17.10 | 13.71 | 12.45 |
| 26.0 | 1056 | 10.0 | | | 1.10 | 28.2 | | 8.7 | 10.3 | 111 | | 0.41 | 69 | | 17.10 | 13.71 | 12.45 |
| 26.0 | 1056 | 11.0 | | | 1.07 | 27.5 | | 8.7 | 10.4 | 111 | | 0.45 | 74 | | 17.10 | 13.71 | 12.45 |
| 25.0 | 1041 | 1.0 | | | 0.77 | 19.3 | | 8.7 | 10.4 | 112 | | 0.16 | 28 | 2.3 | 17.54 | 13.68 | 12.79 |
| 25.0 | 1041 | 2.0 | | | 0.73 | 18.3 | | 8.6 | 10.2 | 110 | | 0.16 | 27 | | 17.55 | 13.66 | 12.81 |
| 25.0 | 1041 | 3.0 | | | 0.64 | 15.8 | | 8.3 | 9.9 | 107 | | 0.16 | 28 | | 18.16 | 13.59 | 13.29 |
| 25.0 | 1041 | 4.0 | | | 0.62 | 15.5 | | 8.2 | 9.8 | 105 | | 0.17 | 30 | | 18.47 | 13.55 | 13.53 |
| 25.0 | 1041 | 5.0 | | | 0.67 | 16.7 | | 8.1 | 9.6 | 104 | | 0.20 | 35 | | 18.82 | 13.51 | 13.81 |
| 25.0 | 1041 | 6.0 | | | 0.69 | 17.3 | | 8.0 | 9.6 | 103 | | 0.25 | 42 | | 19.08 | 13.48 | 14.02 |
| 25.0 | 1041 | 7.0 | | | 0.71 | 17.7 | | 8.0 | 9.5 | 103 | | 0.32 | 53 | | 19.18 | 13.47 | 14.09 |
| 25.0 | 1041 | 8.0 | | | 0.72 | 18.0 | | 8.0 | 9.5 | 103 | | 0.40 | 66 | | 19.19 | 13.47 | 14.10 |
| 25.0 | 1041 | 9.0 | | | 0.70 | 17.4 | | 7.9 | 9.5 | 103 | | 0.46 | 76 | | 19.25 | 13.46 | 14.15 |
| 25.0 | 1041 | 10.0 | | | 0.70 | 17.4 | | 7.9 | 9.5 | 103 | | 0.50 | 83 | | 19.29 | 13.45 | 14.18 |

South San Francisco Bay April 9, 1998 98099

| 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 | 1024 | 1.0 | | | 0.60 | 14.7 | | 9.0 | 10.6 | 114 | | 0.11 | 21 | 1.8 | 16.90 | 13.69 | 12.30 |
| 24.0 | 1024 | 2.0 | 19.9 | 0.86 | 0.60 | 14.8 | 10.7 | 9.0 | 10.6 | 114 | 18.0 | 0.11 | 20 | | 16.88 | 13.68 | 12.29 |
| 24.0 | 1024 | 3.0 | | | 0.59 | 14.6 | | 8.9 | 10.6 | 114 | | 0.11 | 20 | | 16.88 | 13.67 | 12.29 |
| 24.0 | 1024 | 4.0 | | | 0.51 | 12.4 | | 8.7 | 10.3 | 111 | | 0.11 | 20 | | 17.25 | 13.66 | 12.57 |
| 24.0 | 1024 | 5.0 | | | 0.44 | 10.4 | | 8.4 | 10.0 | 107 | | 0.11 | 20 | | 18.08 | 13.53 | 13.23 |
| 24.0 | 1024 | 6.0 | | | 0.40 | 9.5 | | 8.2 | 9.8 | 106 | | 0.11 | 20 | | 18.25 | 13.49 | 13.37 |
| 24.0 | 1024 | 7.0 | | | 0.37 | 8.5 | | 8.1 | 9.6 | 104 | | 0.12 | 21 | | 19.61 | 13.39 | 14.44 |
| 24.0 | 1024 | 8.0 | | | 0.35 | 8.0 | | 8.0 | 9.5 | 103 | | 0.18 | 31 | | 20.01 | 13.37 | 14.75 |
| 24.0 | 1024 | 9.0 | | | 0.37 | 8.5 | | 7.9 | 9.5 | 103 | | 0.20 | 34 | | 20.27 | 13.35 | 14.96 |
| 24.0 | 1024 | 10.0 | | | 0.38 | 9.0 | | 7.9 | 9.4 | 102 | | 0.23 | 39 | | 20.35 | 13.35 | 15.02 |
| 24.0 | 1024 | 11.0 | 13.2 | 0.71 | 0.38 | 9.0 | | 8.0 | 9.5 | 103 | | 0.24 | 41 | | 20.36 | 13.35 | 15.02 |
| 23.0 | 1010 | 1.0 | | | 0.29 | 6.6 | | 8.5 | 10.1 | 107 | | 0.10 | 18 | 1.4 | 15.73 | 13.34 | 11.46 |
| 23.0 | 1010 | 2.0 | | | 0.30 | 6.6 | | 8.5 | 10.1 | 107 | | 0.09 | 18 | | 15.79 | 13.34 | 11.50 |
| 23.0 | 1010 | 3.0 | | | 0.30 | 6.8 | | 8.5 | 10.2 | 108 | | 0.09 | 17 | | 15.90 | 13.37 | 11.58 |
| 23.0 | 1010 | 4.0 | | | 0.30 | 6.8 | | 8.5 | 10.2 | 108 | | 0.09 | 17 | | 16.18 | 13.41 | 11.80 |
| 23.0 | 1010 | 5.0 | | | 0.29 | 6.6 | | 8.5 | 10.2 | 108 | | 0.09 | 17 | | 16.35 | 13.43 | 11.92 |
| 23.0 | 1010 | 6.0 | | | 0.30 | 6.6 | | 8.5 | 10.1 | 108 | | 0.09 | 17 | | 16.70 | 13.42 | 12.20 |
| 23.0 | 1010 | 7.0 | | | 0.32 | 7.2 | | 8.5 | 10.1 | 108 | | 0.09 | 17 | | 17.28 | 13.43 | 12.64 |
| 23.0 | 1010 | 8.0 | | | 0.34 | 7.7 | | 8.4 | 10.0 | 108 | | 0.09 | 17 | | 17.53 | 13.47 | 12.83 |
| 23.0 | 1010 | 9.0 | | | 0.35 | 8.1 | | 8.3 | 9.8 | 106 | | 0.10 | 19 | | 18.21 | 13.51 | 13.34 |
| 23.0 | 1010 | 10.0 | | | 0.34 | 7.8 | | 8.1 | 9.6 | 104 | | 0.11 | 20 | | 19.48 | 13.41 | 14.33 |
| 23.0 | 1010 | 11.0 | | | 0.31 | 7.1 | | 7.9 | 9.4 | 103 | | 0.11 | 21 | | 20.94 | 13.31 | 15.47 |
| 23.0 | 1010 | 12.0 | | | 0.31 | 7.1 | | 7.8 | 9.3 | 102 | | 0.12 | 22 | | 22.05 | 13.24 | 16.35 |
| 23.0 | 1010 | 13.0 | | | 0.33 | 7.5 | | 7.7 | 9.2 | 101 | | 0.16 | 28 | | 22.92 | 13.20 | 17.02 |
| 23.0 | 1010 | 14.0 | | | 0.33 | 7.6 | | 7.7 | 9.1 | 101 | | 0.20 | 35 | | 23.26 | 13.17 | 17.29 |
| 23.0 | 1010 | 15.0 | | | 0.31 | 7.1 | | 7.6 | 9.1 | 101 | | 0.21 | 36 | | 23.40 | 13.16 | 17.40 |
| 23.0 | 1010 | 16.0 | | | 0.31 | 7.0 | | 7.7 | 9.1 | 101 | | 0.22 | 37 | | 23.41 | 13.17 | 17.40 |
| 22.0 | 0953 | 1.0 | | | 0.31 | 6.9 | | 8.6 | 10.2 | 107 | | 0.13 | 23 | 1.7 | 14.48 | 13.26 | 10.52 |
| 22.0 | 0953 | 2.0 | | | 0.31 | 7.0 | | 8.6 | 10.2 | 107 | 22.8 | 0.12 | 22 | | 14.93 | 13.28 | 10.85 |
| 22.0 | 0953 | 3.0 | | | 0.30 | 6.8 | | 8.5 | 10.1 | 107 | | 0.12 | 22 | | 15.58 | 13.31 | 11.35 |
| 22.0 | 0953 | 4.0 | | | 0.30 | 6.8 | | 8.4 | 10.1 | 107 | | 0.11 | 21 | | 16.63 | 13.31 | 12.16 |
| 22.0 | 0953 | 5.0 | | | 0.31 | 7.0 | | 8.4 | 10.0 | 106 | | 0.11 | 20 | | 17.06 | 13.39 | 12.48 |
| 22.0 | 0953 | 6.0 | | | 0.29 | 6.5 | | 8.3 | 9.9 | 105 | | 0.11 | 20 | | 17.58 | 13.39 | 12.88 |
| 22.0 | 0953 | 7.0 | | | 0.27 | 5.8 | | 8.2 | 9.8 | 105 | | 0.11 | 20 | | 18.06 | 13.31 | 13.26 |
| 22.0 | 0953 | 8.0 | | | 0.25 | 5.5 | | 8.1 | 9.6 | 104 | | 0.12 | 21 | | 18.98 | 13.26 | 13.98 |
| 22.0 | 0953 | 9.0 | | | 0.25 | 5.4 | | 8.0 | 9.5 | 103 | | 0.12 | 21 | | 20.06 | 13.22 | 14.82 |
| 22.0 | 0953 | 10.0 | | | 0.26 | 5.6 | | 7.9 | 9.4 | 102 | | 0.12 | 22 | | 21.20 | 13.19 | 15.70 |
| 22.0 | 0953 | 11.0 | | | 0.27 | 6.0 | | 7.7 | 9.2 | 102 | | 0.16 | 27 | | 22.86 | 13.15 | 16.99 |
| 22.0 | 0953 | 12.0 | | | 0.29 | 6.5 | | 7.7 | 9.2 | 101 | | 0.20 | 35 | | 23.23 | 13.14 | 17.27 |
| 22.0 | 0953 | 13.0 | | | 0.31 | 6.9 | | 7.7 | 9.2 | 101 | | 0.24 | 40 | | 23.30 | 13.13 | 17.33 |
| 22.0 | 0953 | 14.0 | | | 0.32 | 7.2 | | 7.7 | 9.2 | 101 | | 0.25 | 43 | | 23.41 | 13.13 | 17.41 |

South San Francisco Bay April 9, 1998 98099

| 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 | 0953 | 15.0 | | | 0.34 | 7.9 | | 7.6 | 9.1 | 101 | | 0.28 | 48 | | 23.96 | 13.11 | 17.84 |
| 22.0 | 0953 | 16.0 | | | 0.35 | 8.1 | | 7.6 | 9.1 | 101 | | 0.30 | 51 | | 24.14 | 13.10 | 17.98 |
| 22.0 | 0953 | 17.0 | | | 0.33 | 7.5 | | 7.6 | 9.1 | 100 | | 0.31 | 52 | | 24.17 | 13.10 | 18.00 |
| 22.0 | 0953 | 18.0 | | | 0.32 | 7.4 | | 7.6 | 9.1 | 101 | | 0.31 | 52 | | 24.17 | 13.10 | 18.00 |
| 21.0 | 0936 | 1.0 | | | 0.33 | 7.7 | | 8.4 | 10.0 | 105 | | 0.18 | 31 | 2.1 | 14.69 | 13.20 | 10.68 |
| 21.0 | 0936 | 2.0 | 9.0 | 0.82 | 0.34 | 7.9 | 9.9 | 8.4 | 9.9 | 105 | | 0.17 | 30 | | 16.48 | 13.29 | 12.04 |
| 21.0 | 0936 | 3.0 | | | 0.32 | 7.2 | | 8.3 | 9.9 | 105 | | 0.17 | 30 | | 17.36 | 13.34 | 12.72 |
| 21.0 | 0936 | 4.0 | | | 0.29 | 6.4 | | 8.2 | 9.8 | 105 | | 0.17 | 29 | | 17.95 | 13.32 | 13.17 |
| 21.0 | 0936 | 5.0 | | | 0.29 | 6.6 | | 8.2 | 9.8 | 105 | | 0.16 | 28 | | 18.20 | 13.32 | 13.36 |
| 21.0 | 0936 | 6.0 | | | 0.31 | 7.1 | | 8.2 | 9.7 | 105 | | 0.15 | 26 | | 18.63 | 13.32 | 13.70 |
| 21.0 | 0936 | 7.0 | | | 0.31 | 7.1 | | 8.1 | 9.7 | 104 | | 0.14 | 24 | | 18.78 | 13.32 | 13.81 |
| 21.0 | 0936 | 8.0 | | | 0.30 | 6.9 | | 8.1 | 9.6 | 104 | | 0.13 | 23 | | 19.41 | 13.29 | 14.30 |
| 21.0 | 0936 | 9.0 | | | 0.27 | 6.0 | | 7.9 | 9.5 | 103 | | 0.12 | 22 | | 20.86 | 13.22 | 15.43 |
| 21.0 | 0936 | 10.0 | | | 0.23 | 5.0 | | 7.9 | 9.4 | 102 | | 0.13 | 23 | | 21.40 | 13.18 | 15.86 |
| 21.0 | 0936 | 11.0 | | | 0.23 | 5.0 | | 7.8 | 9.3 | 102 | | 0.14 | 24 | | 22.23 | 13.15 | 16.50 |
| 21.0 | 0936 | 12.0 | | | 0.25 | 5.5 | | 7.7 | 9.2 | 102 | | 0.21 | 36 | | 23.12 | 13.14 | 17.18 |
| 21.0 | 0936 | 13.0 | | | 0.28 | 6.3 | | 7.7 | 9.2 | 101 | | 0.29 | 49 | | 23.50 | 13.13 | 17.48 |
| 21.0 | 0936 | 14.0 | | | 0.32 | 7.2 | | 7.7 | 9.2 | 101 | | 0.38 | 62 | | 23.65 | 13.13 | 17.60 |
| 21.0 | 0936 | 15.0 | | | 0.33 | 7.6 | | 7.7 | 9.2 | 101 | | 0.41 | 68 | | 23.67 | 13.13 | 17.61 |
| 21.0 | 0936 | 16.0 | | | 0.33 | 7.6 | | 7.7 | 9.2 | 101 | | 0.42 | 69 | | 23.66 | 13.13 | 17.61 |
| 21.0 | 0936 | 17.0 | | | 0.33 | 7.6 | | 7.6 | 9.1 | 101 | | 0.41 | 69 | | 23.66 | 13.13 | 17.61 |
| 21.0 | 0936 | 18.0 | 7.4 | 0.77 | 0.33 | 7.6 | | 7.7 | 9.1 | 101 | | 0.41 | 68 | | 23.67 | 13.13 | 17.61 |

| | n | r^2 | Slope | Inter. | Std. Err. |
|---|---|---|---|---|---|
| Fluorometer Calibration: | 12 | 0.906 | 26.836 | -1.300 | 10.740 |
| OBS Calibration: | 6 | 0.999 | 159.403 | 2.642 | 1.629 |
| Dissolved Oxygen Calibration: | 6 | 0.988 | 1.143 | 0.392 | 0.112 |

SeaBird v4.026

North San Francisco Bay April 14, 1998 98104

| 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 | 1713 | 1.0 | | | 0.38 | 12.7 | | 10.3 | 10.5 | 101 | | 0.24 | 33 | 2.7 | 0.13 | 13.41 | 0.00 |
| 657.0 | 1713 | 2.0 | 12.6 | 0.77 | 0.38 | 12.6 | 10.6 | 10.2 | 10.4 | 100 | 29.6 | 0.23 | 31 | | 0.13 | 13.42 | 0.00 |
| 657.0 | 1713 | 3.0 | | | 0.36 | 11.9 | | 10.1 | 10.4 | 99 | | 0.23 | 31 | | 0.12 | 13.26 | 0.00 |
| 657.0 | 1713 | 4.0 | | | 0.33 | 10.8 | | 10.1 | 10.3 | 99 | | 0.23 | 31 | | 0.12 | 13.11 | 0.00 |
| 657.0 | 1713 | 5.0 | | | 0.29 | 9.7 | | 10.1 | 10.4 | 98 | | 0.23 | 31 | | 0.11 | 12.94 | 0.00 |
| 657.0 | 1713 | 6.0 | | | 0.28 | 9.2 | | 10.2 | 10.4 | 99 | | 0.23 | 31 | | 0.10 | 12.87 | 0.00 |
| 657.0 | 1713 | 7.0 | | | 0.29 | 9.4 | | 10.2 | 10.4 | 99 | | 0.23 | 31 | | 0.10 | 12.91 | 0.00 |
| 657.0 | 1713 | 8.0 | | | 0.28 | 9.2 | | 10.2 | 10.4 | 99 | | 0.22 | 30 | | 0.10 | 12.86 | 0.00 |
| 657.0 | 1713 | 9.0 | | | 0.28 | 9.3 | | 10.2 | 10.4 | 99 | | 0.22 | 30 | | 0.10 | 12.84 | 0.00 |
| 657.0 | 1713 | 10.0 | 8.7 | 0.78 | 0.29 | 9.5 | | 10.3 | 10.5 | 99 | | 0.21 | 28 | | 0.10 | 12.85 | 0.00 |
| 649.0 | 1622 | 1.0 | | | 0.20 | 6.2 | | 10.4 | 10.7 | 103 | | 0.18 | 23 | 2.3 | 0.09 | 13.66 | 0.00 |
| 649.0 | 1622 | 2.0 | 7.1 | 0.76 | 0.20 | 6.4 | 10.7 | 10.3 | 10.5 | 101 | 23.2 | 0.18 | 23 | | 0.09 | 13.47 | 0.00 |
| 649.0 | 1622 | 3.0 | | | 0.20 | 6.3 | | 10.2 | 10.4 | 100 | | 0.19 | 24 | | 0.09 | 13.19 | 0.00 |
| 649.0 | 1622 | 4.0 | | | 0.21 | 6.4 | | 10.2 | 10.5 | 100 | | 0.19 | 24 | | 0.09 | 12.96 | 0.00 |
| 649.0 | 1622 | 5.0 | | | 0.21 | 6.6 | | 10.3 | 10.5 | 100 | | 0.19 | 25 | | 0.09 | 12.90 | 0.00 |
| 649.0 | 1622 | 6.0 | | | 0.21 | 6.6 | | 10.3 | 10.5 | 100 | | 0.19 | 25 | | 0.09 | 12.90 | 0.00 |
| 649.0 | 1622 | 7.0 | | | 0.21 | 6.5 | | 10.3 | 10.5 | 100 | | 0.19 | 25 | | 0.09 | 12.90 | 0.00 |
| 649.0 | 1622 | 8.0 | | | 0.20 | 6.4 | | 10.3 | 10.5 | 100 | | 0.20 | 26 | | 0.09 | 12.90 | 0.00 |
| 649.0 | 1622 | 9.0 | | | 0.21 | 6.5 | | 10.3 | 10.5 | 100 | | 0.20 | 26 | | 0.09 | 12.90 | 0.00 |
| 649.0 | 1622 | 10.0 | | | 0.21 | 6.7 | | 10.3 | 10.6 | 100 | | 0.21 | 28 | | 0.09 | 12.90 | 0.00 |
| 649.0 | 1622 | 11.0 | 6.7 | 0.71 | 0.21 | 6.7 | | 10.3 | 10.6 | 100 | | 0.22 | 28 | | 0.09 | 12.90 | 0.00 |
| 2.0 | 1600 | 1.0 | | | 0.11 | 2.8 | | 9.8 | 10.1 | 97 | | 0.20 | 25 | 2.5 | 0.10 | 13.64 | 0.00 |
| 2.0 | 1600 | 2.0 | | | 0.11 | 2.8 | | 9.8 | 10.1 | 97 | | 0.19 | 24 | | 0.10 | 13.64 | 0.00 |
| 2.0 | 1600 | 3.0 | | | 0.11 | 2.8 | | 9.8 | 10.1 | 97 | | 0.18 | 22 | | 0.10 | 13.64 | 0.00 |
| 2.0 | 1600 | 4.0 | | | 0.11 | 2.9 | | 9.8 | 10.1 | 97 | | 0.17 | 22 | | 0.10 | 13.65 | 0.00 |
| 2.0 | 1600 | 5.0 | | | 0.11 | 3.0 | | 9.9 | 10.1 | 97 | | 0.17 | 22 | | 0.10 | 13.64 | 0.00 |
| 2.0 | 1600 | 6.0 | | | 0.12 | 3.2 | | 9.9 | 10.1 | 98 | | 0.18 | 23 | | 0.10 | 13.64 | 0.00 |
| 2.0 | 1600 | 7.0 | | | 0.12 | 3.2 | | 9.9 | 10.1 | 98 | | 0.18 | 23 | | 0.10 | 13.64 | 0.00 |
| 2.0 | 1600 | 8.0 | | | 0.12 | 3.2 | | 9.9 | 10.1 | 98 | | 0.19 | 25 | | 0.10 | 13.64 | 0.00 |
| 2.0 | 1600 | 9.0 | | | 0.11 | 3.1 | | 9.9 | 10.1 | 98 | | 0.20 | 26 | | 0.10 | 13.64 | 0.00 |
| 2.0 | 1600 | 10.0 | | | 0.11 | 3.1 | | 9.9 | 10.1 | 98 | | 0.19 | 25 | | 0.10 | 13.64 | 0.00 |
| 2.0 | 1600 | 11.0 | | | 0.11 | 3.0 | | 9.9 | 10.1 | 98 | | 0.21 | 28 | | 0.10 | 13.65 | 0.00 |
| 3.0 | 1545 | 1.0 | | | 0.15 | 4.5 | | 9.6 | 9.9 | 95 | | 0.17 | 21 | 2.0 | 0.09 | 13.43 | 0.00 |
| 3.0 | 1545 | 2.0 | 4.3 | 0.69 | 0.16 | 4.8 | 10.2 | 9.8 | 10.1 | 96 | 22.4 | 0.17 | 22 | | 0.09 | 13.16 | 0.00 |
| 3.0 | 1545 | 3.0 | | | 0.17 | 5.0 | | 9.9 | 10.1 | 97 | | 0.18 | 23 | | 0.09 | 13.11 | 0.00 |
| 3.0 | 1545 | 4.0 | | | 0.17 | 5.0 | | 9.9 | 10.2 | 97 | | 0.19 | 25 | | 0.09 | 13.09 | 0.00 |
| 3.0 | 1545 | 5.0 | | | 0.17 | 5.1 | | 10.0 | 10.2 | 97 | | 0.19 | 25 | | 0.09 | 13.08 | 0.00 |
| 3.0 | 1545 | 6.0 | | | 0.18 | 5.3 | | 10.0 | 10.2 | 98 | | 0.19 | 25 | | 0.09 | 13.08 | 0.00 |
| 3.0 | 1545 | 7.0 | | | 0.18 | 5.5 | | 10.0 | 10.3 | 98 | | 0.19 | 25 | | 0.09 | 13.07 | 0.00 |
| 3.0 | 1545 | 8.0 | | | 0.18 | 5.5 | | 10.1 | 10.3 | 98 | | 0.20 | 26 | | 0.09 | 13.06 | 0.00 |

North San Francisco Bay | April 14, 1998 | 98104

| 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 | 1545 | 9.0 | | | 0.18 | 5.6 | | 10.1 | 10.3 | 98 | | 0.21 | 28 | | 0.09 | 13.05 | 0.00 |
| 3.0 | 1545 | 10.0 | | | 0.18 | 5.6 | | 10.1 | 10.3 | 98 | | 0.21 | 28 | | 0.09 | 13.05 | 0.00 |
| 3.0 | 1545 | 11.0 | | | 0.18 | 5.7 | | 10.1 | 10.4 | 99 | | 0.22 | 28 | | 0.09 | 13.05 | 0.00 |
| 3.0 | 1545 | 12.0 | | | 0.19 | 5.7 | | 10.1 | 10.3 | 99 | | 0.22 | 29 | | 0.09 | 13.04 | 0.00 |
| 3.0 | 1545 | 13.0 | | | 0.19 | 5.8 | | 10.1 | 10.4 | 99 | | 0.22 | 30 | | 0.09 | 13.04 | 0.00 |
| 3.0 | 1545 | 14.0 | 6.7 | 0.70 | 0.19 | 5.8 | | 10.1 | 10.4 | 99 | | 0.25 | 34 | | 0.09 | 13.04 | 0.00 |
| 4.0 | 1525 | 1.0 | | | 0.10 | 2.5 | | 9.6 | 9.8 | 95 | | 0.15 | 18 | 2.1 | 0.11 | 13.63 | 0.00 |
| 4.0 | 1525 | 2.0 | | | 0.10 | 2.6 | | 9.6 | 9.8 | 95 | | 0.17 | 21 | | 0.11 | 13.57 | 0.00 |
| 4.0 | 1525 | 3.0 | | | 0.10 | 2.6 | | 9.6 | 9.9 | 95 | | 0.17 | 22 | | 0.11 | 13.51 | 0.00 |
| 4.0 | 1525 | 4.0 | | | 0.10 | 2.6 | | 9.6 | 9.9 | 95 | | 0.18 | 23 | | 0.10 | 13.46 | 0.00 |
| 4.0 | 1525 | 5.0 | | | 0.11 | 2.9 | | 9.6 | 9.9 | 95 | | 0.18 | 23 | | 0.10 | 13.41 | 0.00 |
| 4.0 | 1525 | 6.0 | | | 0.12 | 3.4 | | 9.7 | 9.9 | 95 | | 0.18 | 23 | | 0.10 | 13.33 | 0.00 |
| 4.0 | 1525 | 7.0 | | | 0.14 | 3.9 | | 9.7 | 10.0 | 96 | | 0.18 | 24 | | 0.10 | 13.29 | 0.00 |
| 4.0 | 1525 | 8.0 | | | 0.14 | 4.2 | | 9.8 | 10.0 | 96 | | 0.19 | 25 | | 0.10 | 13.26 | 0.00 |
| 4.0 | 1525 | 9.0 | | | 0.15 | 4.5 | | 9.8 | 10.1 | 96 | | 0.19 | 25 | | 0.10 | 13.23 | 0.00 |
| 4.0 | 1525 | 10.0 | | | 0.16 | 4.7 | | 9.9 | 10.1 | 97 | | 0.19 | 25 | | 0.09 | 13.20 | 0.00 |
| 4.0 | 1525 | 11.0 | | | 0.16 | 4.9 | | 9.9 | 10.1 | 97 | | 0.19 | 25 | | 0.09 | 13.18 | 0.00 |
| 4.0 | 1525 | 12.0 | | | 0.17 | 5.2 | | 9.9 | 10.2 | 97 | | 0.20 | 26 | | 0.09 | 13.17 | 0.00 |
| 4.0 | 1525 | 13.0 | | | 0.18 | 5.5 | | 9.9 | 10.2 | 97 | | 0.21 | 28 | | 0.09 | 13.17 | 0.00 |
| 4.0 | 1525 | 14.0 | | | 0.19 | 5.9 | | 10.0 | 10.2 | 97 | | 0.22 | 29 | | 0.09 | 13.16 | 0.00 |
| 4.0 | 1525 | 15.0 | | | 0.19 | 5.7 | | 10.0 | 10.2 | 98 | | 0.22 | 30 | | 0.09 | 13.15 | 0.00 |
| 4.0 | 1525 | 16.0 | | | 0.18 | 5.6 | | 10.0 | 10.2 | 98 | | 0.23 | 31 | | 0.09 | 13.15 | 0.00 |
| 4.0 | 1525 | 17.0 | | | 0.18 | 5.6 | | 10.0 | 10.3 | 98 | | 0.24 | 33 | | 0.09 | 13.15 | 0.00 |
| 5.0 | 1508 | 1.0 | | | 0.11 | 3.0 | | 9.7 | 10.0 | 97 | | 0.19 | 25 | 2.2 | 0.10 | 13.77 | 0.00 |
| 5.0 | 1508 | 2.0 | | | 0.11 | 3.1 | | 9.7 | 10.0 | 96 | 22.9 | 0.20 | 26 | | 0.10 | 13.51 | 0.00 |
| 5.0 | 1508 | 3.0 | | | 0.11 | 3.1 | | 9.8 | 10.0 | 96 | | 0.21 | 27 | | 0.10 | 13.34 | 0.00 |
| 5.0 | 1508 | 4.0 | | | 0.11 | 3.1 | | 9.8 | 10.1 | 96 | | 0.20 | 26 | | 0.10 | 13.32 | 0.00 |
| 5.0 | 1508 | 5.0 | | | 0.12 | 3.2 | | 9.8 | 10.1 | 97 | | 0.20 | 27 | | 0.10 | 13.28 | 0.00 |
| 5.0 | 1508 | 6.0 | | | 0.12 | 3.3 | | 9.9 | 10.1 | 97 | | 0.20 | 27 | | 0.10 | 13.26 | 0.00 |
| 5.0 | 1508 | 7.0 | | | 0.12 | 3.4 | | 9.9 | 10.1 | 97 | | 0.20 | 27 | | 0.09 | 13.23 | 0.00 |
| 5.0 | 1508 | 8.0 | | | 0.12 | 3.5 | | 9.9 | 10.1 | 97 | | 0.20 | 27 | | 0.09 | 13.22 | 0.00 |
| 5.0 | 1508 | 9.0 | | | 0.13 | 3.6 | | 9.9 | 10.2 | 97 | | 0.21 | 28 | | 0.09 | 13.21 | 0.00 |
| 5.0 | 1508 | 10.0 | | | 0.13 | 3.6 | | 9.9 | 10.2 | 97 | | 0.21 | 28 | | 0.09 | 13.20 | 0.00 |
| 5.0 | 1508 | 11.0 | | | 0.12 | 3.4 | | 9.9 | 10.2 | 97 | | 0.22 | 28 | | 0.09 | 13.19 | 0.00 |
| 5.0 | 1508 | 12.0 | | | 0.12 | 3.4 | | 9.9 | 10.2 | 97 | | 0.21 | 28 | | 0.09 | 13.20 | 0.00 |
| 6.0 | 1448 | 1.0 | | | 0.14 | 4.2 | | 10.1 | 10.4 | 101 | | 0.20 | 26 | 2.3 | 0.10 | 13.89 | 0.00 |
| 6.0 | 1448 | 2.0 | 4.1 | 0.69 | 0.14 | 4.2 | 10.2 | 10.1 | 10.3 | 100 | | 0.19 | 25 | | 0.10 | 13.83 | 0.00 |
| 6.0 | 1448 | 3.0 | | | 0.15 | 4.3 | | 9.8 | 10.1 | 98 | | 0.19 | 25 | | 0.09 | 13.76 | 0.00 |
| 6.0 | 1448 | 4.0 | | | 0.15 | 4.3 | | 10.0 | 10.2 | 98 | | 0.21 | 28 | | 0.09 | 13.40 | 0.00 |
| 6.0 | 1448 | 5.0 | | | 0.15 | 4.4 | | 10.0 | 10.3 | 98 | | 0.22 | 30 | | 0.09 | 13.34 | 0.00 |

North San Francisco Bay April 14, 1998 98104

| 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 | 1448 | 6.0 | | | 0.15 | 4.5 | | 10.0 | 10.3 | 98 | | 0.23 | 30 | | 0.09 | 13.32 | 0.00 |
| 6.0 | 1448 | 7.0 | | | 0.15 | 4.5 | | 10.1 | 10.3 | 99 | | 0.23 | 30 | | 0.09 | 13.31 | 0.00 |
| 6.0 | 1448 | 8.0 | | | 0.16 | 4.8 | | 10.1 | 10.3 | 99 | | 0.23 | 31 | | 0.09 | 13.31 | 0.00 |
| 6.0 | 1448 | 9.0 | | | 0.16 | 4.9 | | 10.1 | 10.3 | 99 | | 0.23 | 31 | | 0.09 | 13.31 | 0.00 |
| 6.0 | 1448 | 10.0 | 4.4 | 0.67 | 0.16 | 4.8 | | 10.1 | 10.3 | 99 | | 0.23 | 31 | | 0.09 | 13.30 | 0.00 |
| 7.0 | 1426 | 1.0 | | | 0.12 | 3.2 | | 9.9 | 10.1 | 97 | | 0.25 | 34 | 2.6 | 0.11 | 13.48 | 0.00 |
| 7.0 | 1426 | 2.0 | | | 0.12 | 3.3 | | 9.9 | 10.2 | 98 | | 0.24 | 32 | | 0.11 | 13.45 | 0.00 |
| 7.0 | 1426 | 3.0 | | | 0.12 | 3.2 | | 9.9 | 10.1 | 98 | | 0.24 | 32 | | 0.11 | 13.45 | 0.00 |
| 7.0 | 1426 | 4.0 | | | 0.12 | 3.2 | | 9.9 | 10.1 | 97 | | 0.24 | 33 | | 0.11 | 13.44 | 0.00 |
| 7.0 | 1426 | 5.0 | | | 0.12 | 3.4 | | 9.9 | 10.1 | 97 | | 0.24 | 33 | | 0.11 | 13.40 | 0.00 |
| 7.0 | 1426 | 6.0 | | | 0.12 | 3.4 | | 9.9 | 10.1 | 97 | | 0.25 | 34 | | 0.11 | 13.38 | 0.00 |
| 7.0 | 1426 | 7.0 | | | 0.12 | 3.3 | | 9.9 | 10.1 | 97 | | 0.26 | 35 | | 0.11 | 13.37 | 0.00 |
| 7.0 | 1426 | 8.0 | | | 0.12 | 3.3 | | 9.9 | 10.2 | 97 | | 0.26 | 36 | | 0.11 | 13.37 | 0.00 |
| 7.0 | 1426 | 9.0 | | | 0.12 | 3.3 | | 9.9 | 10.2 | 98 | | 0.27 | 37 | | 0.11 | 13.37 | 0.00 |
| 7.0 | 1426 | 10.0 | | | 0.12 | 3.3 | | 9.9 | 10.2 | 98 | | 0.28 | 38 | | 0.11 | 13.37 | 0.00 |
| 7.0 | 1426 | 11.0 | | | 0.12 | 3.3 | | 9.9 | 10.2 | 98 | | 0.28 | 38 | | 0.11 | 13.38 | 0.00 |
| 7.0 | 1426 | 12.0 | | | 0.12 | 3.3 | | 9.9 | 10.2 | 98 | | 0.28 | 39 | | 0.11 | 13.38 | 0.00 |
| 7.0 | 1426 | 13.0 | | | 0.12 | 3.3 | | 9.9 | 10.2 | 98 | | 0.28 | 38 | | 0.11 | 13.38 | 0.00 |
| 7.0 | 1426 | 14.0 | | | 0.12 | 3.4 | | 9.9 | 10.2 | 98 | | 0.28 | 39 | | 0.11 | 13.38 | 0.00 |
| 7.0 | 1426 | 15.0 | | | 0.12 | 3.3 | | 9.9 | 10.2 | 98 | | 0.28 | 39 | | 0.11 | 13.38 | 0.00 |
| 8.0 | 1402 | 1.0 | | | 0.14 | 4.2 | | 10.1 | 10.3 | 99 | | 0.30 | 42 | 3.1 | 0.09 | 13.09 | 0.00 |
| 8.0 | 1402 | 2.0 | | | 0.14 | 4.2 | | 10.1 | 10.4 | 99 | | 0.29 | 40 | | 0.09 | 13.08 | 0.00 |
| 8.0 | 1402 | 3.0 | | | 0.14 | 4.2 | | 10.1 | 10.4 | 99 | | 0.29 | 40 | | 0.09 | 13.09 | 0.00 |
| 8.0 | 1402 | 4.0 | | | 0.15 | 4.5 | | 10.1 | 10.3 | 99 | | 0.29 | 40 | | 0.09 | 13.09 | 0.00 |
| 8.0 | 1402 | 5.0 | | | 0.15 | 4.5 | | 10.1 | 10.4 | 99 | | 0.28 | 39 | | 0.09 | 13.06 | 0.00 |
| 8.0 | 1402 | 6.0 | | | 0.15 | 4.4 | | 10.1 | 10.4 | 99 | | 0.29 | 40 | | 0.09 | 13.04 | 0.00 |
| 8.0 | 1402 | 7.0 | | | 0.15 | 4.5 | | 10.2 | 10.4 | 99 | | 0.30 | 43 | | 0.09 | 13.03 | 0.00 |
| 8.0 | 1402 | 8.0 | | | 0.15 | 4.5 | | 10.2 | 10.4 | 99 | | 0.31 | 43 | | 0.09 | 13.03 | 0.00 |
| 8.0 | 1402 | 9.0 | | | 0.15 | 4.4 | | 10.2 | 10.4 | 99 | | 0.31 | 43 | | 0.09 | 13.02 | 0.00 |
| 8.0 | 1402 | 10.0 | | | 0.15 | 4.4 | | 10.2 | 10.4 | 99 | | 0.31 | 44 | | 0.09 | 13.02 | 0.00 |
| 8.0 | 1402 | 11.0 | | | 0.15 | 4.4 | | 10.2 | 10.4 | 99 | | 0.32 | 44 | | 0.09 | 13.03 | 0.00 |
| 8.0 | 1402 | 12.0 | | | 0.15 | 4.3 | | 10.2 | 10.4 | 99 | | 0.32 | 45 | | 0.09 | 13.02 | 0.00 |
| 8.0 | 1402 | 13.0 | | | 0.15 | 4.4 | | 10.2 | 10.4 | 99 | | 0.32 | 46 | | 0.09 | 13.02 | 0.00 |
| 8.0 | 1402 | 14.0 | | | 0.15 | 4.4 | | 10.2 | 10.4 | 99 | | 0.32 | 46 | | 0.09 | 13.02 | 0.00 |
| 8.0 | 1402 | 15.0 | | | 0.15 | 4.5 | | 10.2 | 10.4 | 99 | | 0.32 | 46 | | 0.09 | 13.02 | 0.00 |
| 8.0 | 1402 | 16.0 | | | 0.15 | 4.5 | | 10.2 | 10.4 | 99 | | 0.34 | 49 | | 0.09 | 13.02 | 0.00 |
| 9.0 | 1344 | 1.0 | | | 0.16 | 4.8 | | 10.1 | 10.3 | 99 | | 0.44 | 64 | 2.8 | 0.13 | 13.07 | 0.00 |
| 9.0 | 1344 | 2.0 | 4.3 | 0.59 | 0.16 | 4.7 | 10.1 | 10.1 | 10.3 | 99 | 54.4 | 0.41 | 59 | | 0.13 | 13.10 | 0.00 |
| 9.0 | 1344 | 3.0 | | | 0.16 | 4.6 | | 10.1 | 10.3 | 98 | | 0.39 | 57 | | 0.13 | 13.07 | 0.00 |
| 9.0 | 1344 | 4.0 | | | 0.16 | 4.6 | | 10.1 | 10.3 | 98 | | 0.39 | 56 | | 0.13 | 13.05 | 0.00 |

North San Francisco Bay | April 14, 1998 | 98104

| 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 | 1344 | 5.0 | | | 0.16 | 4.7 | | 10.1 | 10.3 | 98 | | 0.38 | 55 | | 0.12 | 13.05 | 0.00 |
| 9.0 | 1344 | 6.0 | | | 0.16 | 4.8 | | 10.1 | 10.3 | 98 | | 0.40 | 57 | | 0.13 | 13.05 | 0.00 |
| 9.0 | 1344 | 7.0 | | | 0.16 | 4.8 | | 10.1 | 10.4 | 99 | | 0.40 | 58 | | 0.12 | 13.05 | 0.00 |
| 9.0 | 1344 | 8.0 | | | 0.16 | 4.7 | | 10.1 | 10.3 | 99 | | 0.40 | 57 | | 0.13 | 13.04 | 0.00 |
| 9.0 | 1344 | 9.0 | | | 0.16 | 4.7 | | 10.1 | 10.3 | 99 | | 0.39 | 57 | | 0.12 | 13.05 | 0.00 |
| 9.0 | 1344 | 10.0 | | | 0.16 | 4.9 | | 10.1 | 10.4 | 99 | | 0.40 | 57 | | 0.13 | 13.04 | 0.00 |
| 9.0 | 1344 | 11.0 | | | 0.17 | 5.0 | | 10.1 | 10.4 | 99 | | 0.39 | 57 | | 0.13 | 13.04 | 0.00 |
| 9.0 | 1344 | 12.0 | | | 0.16 | 4.9 | | 10.1 | 10.4 | 99 | | 0.40 | 57 | | 0.13 | 13.03 | 0.00 |
| 9.0 | 1344 | 13.0 | | | 0.17 | 5.0 | | 10.1 | 10.4 | 99 | | 0.42 | 61 | | 0.13 | 13.02 | 0.00 |
| 9.0 | 1344 | 14.0 | | | 0.16 | 4.9 | | 10.1 | 10.4 | 99 | | 0.41 | 60 | | 0.13 | 13.02 | 0.00 |
| 9.0 | 1344 | 15.0 | | | 0.16 | 4.9 | | 10.2 | 10.4 | 99 | | 0.41 | 60 | | 0.13 | 13.03 | 0.00 |
| 9.0 | 1344 | 16.0 | | | 0.16 | 4.9 | | 10.2 | 10.4 | 99 | | 0.41 | 60 | | 0.13 | 13.02 | 0.00 |
| 9.0 | 1344 | 17.0 | | | 0.16 | 4.9 | | 10.2 | 10.4 | 99 | | 0.42 | 60 | | 0.13 | 13.02 | 0.00 |
| 9.0 | 1344 | 18.0 | | | 0.16 | 4.9 | | 10.2 | 10.4 | 99 | | 0.41 | 60 | | 0.13 | 13.03 | 0.00 |
| 9.0 | 1344 | 19.0 | | | 0.16 | 4.9 | | 10.2 | 10.4 | 99 | | 0.41 | 59 | | 0.13 | 13.03 | 0.00 |
| 9.0 | 1344 | 20.0 | | | 0.16 | 4.9 | | 10.2 | 10.4 | 99 | | 0.42 | 60 | | 0.13 | 13.02 | 0.00 |
| 9.0 | 1344 | 21.0 | | | 0.17 | 5.0 | | 10.2 | 10.4 | 99 | | 0.42 | 61 | | 0.13 | 13.02 | 0.00 |
| 9.0 | 1344 | 22.0 | | | 0.17 | 5.0 | | 10.2 | 10.4 | 99 | | 0.42 | 61 | | 0.13 | 13.02 | 0.00 |
| 9.0 | 1344 | 23.0 | | | 0.16 | 4.9 | | 10.2 | 10.4 | 99 | | 0.42 | 61 | | 0.13 | 13.01 | 0.00 |
| 9.0 | 1344 | 24.0 | | | 0.17 | 5.0 | | 10.2 | 10.4 | 99 | | 0.42 | 61 | | 0.13 | 13.00 | 0.00 |
| 9.0 | 1344 | 25.0 | | | 0.17 | 5.0 | | 10.2 | 10.4 | 99 | | 0.42 | 60 | | 0.13 | 13.01 | 0.00 |
| 9.0 | 1344 | 26.0 | | | 0.17 | 5.0 | | 10.2 | 10.4 | 99 | | 0.43 | 62 | | 0.13 | 12.98 | 0.00 |
| 9.0 | 1344 | 27.0 | | | 0.17 | 5.2 | | 10.2 | 10.4 | 99 | | 0.49 | 72 | | 0.13 | 12.98 | 0.00 |
| 9.0 | 1344 | 28.0 | | | 0.22 | 7.1 | | 10.2 | 10.5 | 100 | | 0.67 | 101 | | 0.13 | 12.99 | 0.00 |
| 9.0 | 1344 | 29.0 | | | 0.24 | 7.6 | | 9.6 | 9.8 | 93 | | 2.88 | 451 | | 0.13 | 12.99 | 0.00 |
| 10.0 | 1330 | 1.0 | | | 0.14 | 4.1 | | 10.1 | 10.3 | 99 | | 0.32 | 46 | 3.8 | 0.13 | 13.51 | 0.00 |
| 10.0 | 1330 | 2.0 | | | 0.14 | 4.1 | | 10.0 | 10.2 | 98 | | 0.32 | 45 | | 0.13 | 13.53 | 0.00 |
| 10.0 | 1330 | 3.0 | | | 0.15 | 4.3 | | 9.8 | 10.1 | 96 | | 0.32 | 45 | | 0.13 | 13.36 | 0.00 |
| 10.0 | 1330 | 4.0 | | | 0.15 | 4.5 | | 9.9 | 10.1 | 97 | | 0.32 | 45 | | 0.13 | 13.09 | 0.00 |
| 10.0 | 1330 | 5.0 | | | 0.16 | 4.6 | | 9.9 | 10.2 | 97 | | 0.34 | 48 | | 0.13 | 13.04 | 0.00 |
| 10.0 | 1330 | 6.0 | | | 0.16 | 4.7 | | 9.9 | 10.2 | 97 | | 0.35 | 49 | | 0.13 | 13.03 | 0.00 |
| 10.0 | 1330 | 7.0 | | | 0.16 | 4.8 | | 10.0 | 10.2 | 97 | | 0.37 | 53 | | 0.13 | 13.02 | 0.00 |
| 10.0 | 1330 | 8.0 | | | 0.16 | 4.8 | | 10.0 | 10.2 | 97 | | 0.38 | 55 | | 0.13 | 13.02 | 0.00 |
| 10.0 | 1330 | 9.0 | | | 0.16 | 4.7 | | 10.0 | 10.2 | 97 | | 0.39 | 57 | | 0.13 | 13.02 | 0.00 |
| 10.0 | 1330 | 10.0 | | | 0.16 | 4.8 | | 10.0 | 10.2 | 98 | | 0.40 | 57 | | 0.13 | 13.00 | 0.00 |
| 10.0 | 1330 | 11.0 | | | 0.16 | 4.8 | | 10.0 | 10.3 | 98 | | 0.39 | 57 | | 0.13 | 12.99 | 0.00 |
| 10.0 | 1330 | 12.0 | | | 0.16 | 4.8 | | 10.0 | 10.3 | 98 | | 0.40 | 57 | | 0.13 | 12.99 | 0.00 |
| 10.0 | 1330 | 13.0 | | | 0.16 | 4.8 | | 10.0 | 10.3 | 98 | | 0.41 | 60 | | 0.13 | 12.99 | 0.00 |
| 10.0 | 1330 | 14.0 | | | 0.16 | 4.8 | | 10.1 | 10.3 | 98 | | 0.41 | 60 | | 0.13 | 12.98 | 0.00 |
| 10.0 | 1330 | 15.0 | | | 0.16 | 4.9 | | 10.1 | 10.3 | 98 | | 0.42 | 61 | | 0.13 | 12.98 | 0.00 |
| 10.0 | 1330 | 16.0 | | | 0.16 | 4.9 | | 10.1 | 10.3 | 98 | | 0.41 | 60 | | 0.13 | 12.98 | 0.00 |
| 10.0 | 1330 | 17.0 | | | 0.17 | 5.0 | | 10.1 | 10.3 | 98 | | 0.43 | 63 | | 0.13 | 12.98 | 0.00 |

North San Francisco Bay | April 14, 1998 | 98104

| 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 | 1330 | 18.0 | | | 0.17 | 5.1 | | 10.1 | 10.3 | 98 | | 0.45 | 66 | | 0.13 | 12.98 | 0.00 |
| 10.0 | 1330 | 19.0 | | | 0.17 | 5.0 | | 10.1 | 10.3 | 98 | | 0.50 | 73 | | 0.13 | 12.98 | 0.00 |
| 11.0 | 1311 | 1.0 | | | 0.35 | 11.5 | | 9.7 | 10.0 | 96 | | 0.58 | 86 | 5.9 | 0.26 | 13.50 | 0.00 |
| 11.0 | 1311 | 2.0 | | | 0.36 | 12.0 | | 9.9 | 10.2 | 97 | 86.5 | 0.63 | 94 | | 0.37 | 12.99 | 0.00 |
| 11.0 | 1311 | 3.0 | | | 0.40 | 13.4 | | 9.9 | 10.2 | 97 | | 0.69 | 104 | | 0.48 | 12.97 | 0.00 |
| 11.0 | 1311 | 4.0 | | | 0.47 | 15.9 | | 9.9 | 10.2 | 97 | | 0.74 | 111 | | 0.62 | 12.97 | 0.00 |
| 11.0 | 1311 | 5.0 | | | 0.56 | 19.2 | | 9.9 | 10.2 | 97 | | 0.81 | 123 | | 0.84 | 12.97 | 0.04 |
| 11.0 | 1311 | 6.0 | | | 0.63 | 21.9 | | 9.9 | 10.2 | 97 | | 0.86 | 130 | | 1.07 | 12.98 | 0.22 |
| 11.0 | 1311 | 7.0 | | | 0.69 | 24.1 | | 9.9 | 10.2 | 97 | | 0.88 | 134 | | 1.20 | 12.99 | 0.31 |
| 11.0 | 1311 | 8.0 | | | 0.77 | 27.0 | | 9.9 | 10.2 | 98 | | 0.91 | 139 | | 1.41 | 13.02 | 0.48 |
| 11.0 | 1311 | 9.0 | | | 0.84 | 29.5 | | 9.9 | 10.1 | 97 | | 0.90 | 138 | | 1.74 | 13.06 | 0.72 |
| 11.0 | 1311 | 10.0 | | | 0.88 | 30.7 | | 9.8 | 10.1 | 97 | | 0.91 | 139 | | 1.83 | 13.08 | 0.79 |
| 11.0 | 1311 | 11.0 | | | 0.90 | 31.6 | | 9.8 | 10.1 | 97 | | 0.99 | 152 | | 2.02 | 13.09 | 0.94 |
| 11.0 | 1311 | 12.0 | | | 0.91 | 32.0 | | 9.8 | 10.0 | 97 | | 1.22 | 188 | | 2.25 | 13.11 | 1.11 |
| 11.0 | 1311 | 13.0 | | | 0.91 | 31.8 | | 9.8 | 10.1 | 97 | | 2.13 | 333 | | 2.17 | 13.10 | 1.05 |
| 12.0 | 1253 | 1.0 | | | 0.86 | 30.0 | | 10.2 | 10.4 | 100 | | 0.86 | 130 | 7.6 | 1.51 | 13.08 | 0.54 |
| 12.0 | 1253 | 2.0 | | | 0.91 | 31.8 | | 10.1 | 10.3 | 99 | | 0.93 | 142 | | 1.83 | 13.09 | 0.79 |
| 12.0 | 1253 | 3.0 | | | 1.02 | 36.1 | | 10.0 | 10.3 | 99 | | 0.96 | 147 | | 2.28 | 13.03 | 1.14 |
| 12.0 | 1253 | 4.0 | | | 1.16 | 41.1 | | 10.0 | 10.3 | 99 | | 1.01 | 155 | | 3.11 | 12.98 | 1.79 |
| 12.0 | 1253 | 5.0 | | | 1.28 | 45.2 | | 10.0 | 10.2 | 99 | | 1.10 | 168 | | 3.85 | 13.00 | 2.36 |
| 12.0 | 1253 | 6.0 | | | 1.42 | 50.4 | | 9.8 | 10.1 | 99 | | 1.02 | 156 | | 4.80 | 13.05 | 3.09 |
| 12.0 | 1253 | 7.0 | | | 1.55 | 55.1 | | 9.7 | 10.0 | 98 | | 0.95 | 146 | | 5.74 | 13.08 | 3.82 |
| 12.0 | 1253 | 8.0 | | | 1.50 | 53.3 | | 9.6 | 9.8 | 98 | | 1.00 | 154 | | 7.30 | 13.07 | 5.02 |
| 12.0 | 1253 | 9.0 | | | 1.46 | 52.0 | | 9.4 | 9.7 | 98 | | 1.01 | 155 | | 10.33 | 13.06 | 7.35 |
| 13.0 | 1224 | 1.0 | | | 1.21 | 42.9 | | 10.1 | 10.4 | 103 | | 0.73 | 110 | 7.3 | 3.82 | 13.65 | 2.25 |
| 13.0 | 1224 | 2.0 | 41.3 | 0.83 | 1.25 | 44.1 | 10.2 | 10.1 | 10.3 | 102 | 119.1 | 0.75 | 113 | | 5.02 | 13.51 | 3.19 |
| 13.0 | 1224 | 3.0 | | | 1.30 | 46.1 | | 10.0 | 10.2 | 102 | | 0.76 | 116 | | 6.29 | 13.43 | 4.19 |
| 13.0 | 1224 | 4.0 | | | 1.29 | 45.8 | | 9.9 | 10.1 | 101 | | 0.78 | 117 | | 7.12 | 13.37 | 4.83 |
| 13.0 | 1224 | 5.0 | | | 1.20 | 42.4 | | 9.7 | 10.0 | 100 | | 0.77 | 117 | | 7.96 | 13.27 | 5.50 |
| 13.0 | 1224 | 6.0 | | | 1.00 | 35.1 | | 9.6 | 9.8 | 100 | | 0.74 | 111 | | 9.88 | 13.12 | 6.99 |
| 13.0 | 1224 | 7.0 | | | 0.85 | 29.9 | | 9.3 | 9.6 | 99 | | 0.57 | 85 | | 12.71 | 13.10 | 9.18 |
| 13.0 | 1224 | 8.0 | | | 0.83 | 29.1 | | 9.1 | 9.4 | 98 | | 0.68 | 102 | | 14.94 | 13.09 | 10.90 |
| 13.0 | 1224 | 9.0 | 34.5 | 0.73 | 0.84 | 29.3 | | 9.1 | 9.4 | 99 | | 1.06 | 162 | | 15.80 | 13.09 | 11.56 |
| 14.0 | 1209 | 1.0 | | | 1.33 | 47.1 | | 9.9 | 10.1 | 101 | | 0.67 | 101 | 6.5 | 6.54 | 13.20 | 4.41 |
| 14.0 | 1209 | 2.0 | | | 1.32 | 46.7 | | 9.7 | 9.9 | 99 | | 0.79 | 119 | | 7.44 | 13.12 | 5.12 |
| 14.0 | 1209 | 3.0 | | | 1.29 | 45.8 | | 9.6 | 9.9 | 99 | | 0.89 | 135 | | 7.99 | 13.09 | 5.54 |
| 14.0 | 1209 | 4.0 | | | 1.28 | 45.4 | | 9.6 | 9.8 | 99 | | 0.92 | 140 | | 8.37 | 13.08 | 5.84 |
| 14.0 | 1209 | 5.0 | | | 1.26 | 44.5 | | 9.6 | 9.8 | 99 | | 0.93 | 142 | | 8.60 | 13.08 | 6.02 |
| 14.0 | 1209 | 6.0 | | | 1.17 | 41.4 | | 9.5 | 9.8 | 99 | | 0.99 | 152 | | 10.09 | 13.07 | 7.17 |

North San Francisco Bay April 14, 1998 98104

| 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 | 1209 | 7.0 | | | 0.96 | 33.7 | | 9.2 | 9.4 | 98 | | 0.95 | 146 | | 14.54 | 13.07 | 10.59 |
| 14.0 | 1209 | 8.0 | | | 0.84 | 29.3 | | 8.9 | 9.2 | 98 | | 0.63 | 95 | | 18.19 | 13.06 | 13.40 |
| 14.0 | 1209 | 9.0 | | | 0.97 | 34.3 | | 8.8 | 9.1 | 97 | | 0.66 | 100 | | 19.18 | 13.04 | 14.16 |
| 14.0 | 1209 | 10.0 | | | 1.17 | 41.4 | | 8.7 | 9.0 | 97 | | 1.34 | 206 | | 19.93 | 13.03 | 14.75 |
| 14.0 | 1209 | 11.0 | | | 1.28 | 45.2 | | 8.7 | 9.0 | 97 | | 1.86 | 290 | | 20.15 | 13.03 | 14.91 |
| 14.0 | 1209 | 12.0 | | | 1.33 | 47.1 | | 8.7 | 9.0 | 97 | | 2.11 | 329 | | 20.20 | 13.03 | 14.95 |
| 14.0 | 1209 | 13.0 | | | 1.34 | 47.4 | | 8.6 | 8.9 | 97 | | 2.43 | 379 | | 20.22 | 13.03 | 14.97 |
| 14.0 | 1209 | 14.0 | | | 1.32 | 46.8 | | 8.7 | 9.0 | 97 | | 2.58 | 404 | | 20.22 | 13.03 | 14.97 |
| 15.0 | 1148 | 1.0 | | | 1.29 | 45.5 | | 10.2 | 10.5 | 103 | | 0.76 | 115 | 6.0 | 5.22 | 13.15 | 3.40 |
| 15.0 | 1148 | 2.0 | 44.8 | 0.83 | 1.28 | 45.5 | 10.4 | 10.1 | 10.4 | 102 | | 0.73 | 110 | | 5.28 | 13.05 | 3.46 |
| 15.0 | 1148 | 3.0 | | | 1.26 | 44.4 | | 10.2 | 10.4 | 102 | | 0.71 | 106 | | 5.39 | 12.92 | 3.57 |
| 15.0 | 1148 | 4.0 | | | 1.18 | 41.6 | | 10.1 | 10.4 | 103 | | 0.77 | 116 | | 6.50 | 12.98 | 4.41 |
| 15.0 | 1148 | 5.0 | | | 1.07 | 37.8 | | 10.0 | 10.2 | 102 | | 0.71 | 107 | | 7.93 | 13.05 | 5.50 |
| 15.0 | 1148 | 6.0 | | | 0.99 | 34.9 | | 9.9 | 10.2 | 102 | | 0.74 | 112 | | 8.08 | 13.05 | 5.62 |
| 15.0 | 1148 | 7.0 | | | 0.92 | 32.4 | | 9.9 | 10.2 | 102 | | 0.86 | 130 | | 8.85 | 13.05 | 6.21 |
| 15.0 | 1148 | 8.0 | | | 0.84 | 29.4 | | 9.8 | 10.1 | 102 | | 0.85 | 129 | | 10.12 | 13.06 | 7.19 |
| 15.0 | 1148 | 9.0 | | | 0.75 | 26.1 | | 9.7 | 10.0 | 102 | | 0.71 | 107 | | 11.57 | 13.07 | 8.31 |
| 15.0 | 1148 | 10.0 | | | 0.67 | 23.4 | | 9.5 | 9.7 | 101 | | 0.54 | 81 | | 14.44 | 13.09 | 10.51 |
| 15.0 | 1148 | 11.0 | | | 0.66 | 22.8 | | 9.3 | 9.6 | 101 | | 0.45 | 66 | | 16.17 | 13.09 | 11.84 |
| 15.0 | 1148 | 12.0 | | | 0.64 | 22.0 | | 9.3 | 9.5 | 101 | | 0.49 | 72 | | 16.33 | 13.08 | 11.96 |
| 15.0 | 1148 | 13.0 | | | 0.64 | 22.1 | | 9.1 | 9.4 | 100 | | 0.52 | 77 | | 17.62 | 13.05 | 12.96 |
| 15.0 | 1148 | 14.0 | | | 0.71 | 24.8 | | 9.0 | 9.3 | 99 | | 0.60 | 89 | | 19.10 | 13.02 | 14.11 |
| 15.0 | 1148 | 15.0 | | | 0.76 | 26.7 | | 8.9 | 9.2 | 99 | | 0.83 | 127 | | 20.17 | 13.00 | 14.94 |
| 15.0 | 1148 | 16.0 | | | 0.78 | 27.2 | | 8.8 | 9.1 | 99 | | 1.05 | 161 | | 20.44 | 12.98 | 15.15 |
| 15.0 | 1148 | 17.0 | | | 0.79 | 27.7 | | 8.7 | 9.0 | 98 | | 1.17 | 180 | | 21.70 | 12.96 | 16.12 |
| 15.0 | 1148 | 18.0 | | | 0.78 | 27.3 | | 8.7 | 9.0 | 98 | | 1.35 | 209 | | 22.22 | 12.96 | 16.52 |
| 15.0 | 1148 | 19.0 | | | 0.76 | 26.4 | | 8.6 | 8.9 | 97 | | 1.32 | 204 | | 22.52 | 12.95 | 16.76 |
| 15.0 | 1148 | 20.0 | | | 0.74 | 25.6 | | 8.6 | 8.9 | 97 | | 1.32 | 203 | | 22.66 | 12.95 | 16.86 |
| 15.0 | 1148 | 21.0 | | | 0.72 | 25.1 | | 8.6 | 8.9 | 97 | | 1.33 | 204 | | 22.77 | 12.95 | 16.95 |
| 15.0 | 1148 | 22.0 | | | 0.71 | 24.9 | | 8.6 | 8.9 | 97 | | 1.38 | 213 | | 22.85 | 12.95 | 17.01 |
| 15.0 | 1148 | 23.0 | 26.1 | 0.62 | 0.72 | 25.0 | | 8.6 | 8.9 | 97 | | 1.42 | 219 | | 22.88 | 12.95 | 17.03 |
| 16.0 | 1120 | 1.0 | | | 0.91 | 32.0 | | 10.4 | 10.6 | 104 | | 0.38 | 55 | 4.2 | 5.53 | 12.99 | 3.66 |
| 16.0 | 1120 | 2.0 | | | 0.86 | 30.2 | | 10.2 | 10.4 | 103 | 66.6 | 0.42 | 61 | | 6.21 | 12.94 | 4.19 |
| 16.0 | 1120 | 3.0 | | | 0.83 | 28.9 | | 10.1 | 10.4 | 102 | | 0.46 | 67 | | 6.81 | 12.88 | 4.67 |
| 16.0 | 1120 | 4.0 | | | 0.78 | 27.3 | | 10.1 | 10.3 | 102 | | 0.48 | 70 | | 7.07 | 12.83 | 4.87 |
| 16.0 | 1120 | 5.0 | | | 0.67 | 23.4 | | 10.2 | 10.4 | 104 | | 0.50 | 73 | | 8.37 | 12.77 | 5.89 |
| 16.0 | 1120 | 6.0 | | | 0.55 | 18.7 | | 9.5 | 9.7 | 102 | | 0.43 | 62 | | 15.93 | 12.95 | 11.68 |
| 16.0 | 1120 | 7.0 | | | 0.45 | 15.4 | | 9.1 | 9.3 | 100 | | 0.34 | 48 | | 19.25 | 13.02 | 14.23 |
| 16.0 | 1120 | 8.0 | | | 0.37 | 12.3 | | 9.0 | 9.3 | 99 | | 0.30 | 43 | | 19.63 | 12.99 | 14.52 |
| 16.0 | 1120 | 9.0 | | | 0.32 | 10.4 | | 8.9 | 9.2 | 99 | | 0.25 | 34 | | 20.85 | 12.93 | 15.48 |
| 16.0 | 1120 | 10.0 | | | 0.34 | 11.4 | | 8.7 | 9.0 | 98 | | 0.30 | 41 | | 22.02 | 12.94 | 16.38 |

North San Francisco Bay April 14, 1998 98104

| 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 | 1120 | 11.0 | | | 0.36 | 12.1 | | 8.6 | 8.9 | 98 | | 0.40 | 58 | | 23.10 | 12.93 | 17.21 |
| 16.0 | 1120 | 12.0 | | | 0.35 | 11.7 | | 8.6 | 8.9 | 97 | | 0.40 | 58 | | 23.28 | 12.92 | 17.35 |
| 16.0 | 1120 | 13.0 | | | 0.34 | 11.4 | | 8.5 | 8.8 | 97 | | 0.41 | 59 | | 23.40 | 12.92 | 17.44 |
| 16.0 | 1120 | 14.0 | | | 0.36 | 12.2 | | 8.5 | 8.8 | 97 | | 0.44 | 65 | | 23.78 | 12.90 | 17.74 |
| 16.0 | 1120 | 15.0 | | | 0.38 | 12.6 | | 8.5 | 8.8 | 97 | | 0.52 | 78 | | 23.95 | 12.90 | 17.87 |
| 17.0 | 1053 | 1.0 | | | 0.48 | 16.2 | | 10.2 | 10.4 | 104 | | 0.30 | 43 | 3.2 | 7.15 | 13.22 | 4.88 |
| 17.0 | 1053 | 2.0 | | | 0.46 | 15.5 | | 10.1 | 10.3 | 104 | | 0.33 | 46 | | 8.95 | 12.94 | 6.31 |
| 17.0 | 1053 | 3.0 | | | 0.37 | 12.5 | | 9.9 | 10.2 | 104 | | 0.35 | 50 | | 11.53 | 12.95 | 8.29 |
| 17.0 | 1053 | 4.0 | | | 0.32 | 10.5 | | 9.9 | 10.1 | 104 | | 0.30 | 41 | | 12.66 | 12.94 | 9.16 |
| 17.0 | 1053 | 5.0 | | | 0.28 | 9.3 | | 9.8 | 10.0 | 104 | | 0.24 | 33 | | 13.69 | 12.96 | 9.95 |
| 17.0 | 1053 | 6.0 | | | 0.25 | 8.1 | | 9.7 | 10.0 | 104 | | 0.21 | 27 | | 14.33 | 13.00 | 10.44 |
| 17.0 | 1053 | 7.0 | | | 0.23 | 7.2 | | 9.5 | 9.8 | 103 | | 0.17 | 22 | | 16.50 | 13.00 | 12.11 |
| 17.0 | 1053 | 8.0 | | | 0.22 | 7.0 | | 9.3 | 9.6 | 102 | | 0.14 | 17 | | 18.51 | 12.98 | 13.66 |
| 17.0 | 1053 | 9.0 | | | 0.22 | 7.0 | | 9.2 | 9.5 | 102 | | 0.13 | 16 | | 19.53 | 12.97 | 14.45 |
| 17.0 | 1053 | 10.0 | | | 0.21 | 6.8 | | 9.1 | 9.4 | 101 | | 0.14 | 17 | | 19.71 | 12.96 | 14.59 |
| 17.0 | 1053 | 11.0 | | | 0.22 | 7.0 | | 9.1 | 9.4 | 101 | | 0.15 | 18 | | 20.01 | 12.95 | 14.83 |
| 17.0 | 1053 | 12.0 | | | 0.22 | 6.9 | | 9.0 | 9.3 | 100 | | 0.16 | 19 | | 20.21 | 12.95 | 14.98 |
| 17.0 | 1053 | 13.0 | | | 0.21 | 6.7 | | 9.1 | 9.3 | 101 | | 0.16 | 20 | | 20.36 | 12.95 | 15.09 |
| 18.0 | 1032 | 1.0 | | | 0.22 | 6.8 | | 9.6 | 9.8 | 105 | | 0.10 | 11 | 1.5 | 17.15 | 13.30 | 12.56 |
| 18.0 | 1032 | 2.0 | 5.8 | 0.72 | 0.24 | 7.5 | 9.9 | 9.6 | 9.8 | 105 | 13.6 | 0.10 | 10 | | 17.22 | 13.26 | 12.62 |
| 18.0 | 1032 | 3.0 | | | 0.25 | 8.1 | | 9.5 | 9.8 | 104 | | 0.10 | 10 | | 17.23 | 13.26 | 12.63 |
| 18.0 | 1032 | 4.0 | | | 0.25 | 8.1 | | 9.5 | 9.7 | 103 | | 0.10 | 11 | | 17.29 | 13.20 | 12.68 |
| 18.0 | 1032 | 5.0 | | | 0.23 | 7.4 | | 9.4 | 9.7 | 103 | | 0.10 | 11 | | 17.53 | 13.10 | 12.89 |
| 18.0 | 1032 | 6.0 | | | 0.22 | 6.9 | | 9.4 | 9.7 | 103 | | 0.11 | 12 | | 17.87 | 13.10 | 13.15 |
| 18.0 | 1032 | 7.0 | | | 0.22 | 6.8 | | 9.4 | 9.6 | 103 | | 0.11 | 12 | | 18.10 | 13.10 | 13.33 |
| 18.0 | 1032 | 8.0 | | | 0.20 | 6.2 | | 9.3 | 9.6 | 103 | | 0.11 | 12 | | 18.47 | 13.10 | 13.61 |
| 18.0 | 1032 | 9.0 | | | 0.19 | 6.0 | | 9.3 | 9.5 | 102 | | 0.11 | 12 | | 19.03 | 13.08 | 14.04 |
| 18.0 | 1032 | 10.0 | | | 0.21 | 6.4 | | 9.2 | 9.5 | 102 | | 0.10 | 11 | | 19.46 | 13.08 | 14.37 |
| 18.0 | 1032 | 11.0 | | | 0.20 | 6.2 | | 9.1 | 9.3 | 101 | | 0.11 | 12 | | 19.91 | 13.07 | 14.73 |
| 18.0 | 1032 | 12.0 | | | 0.19 | 5.9 | | 9.0 | 9.3 | 101 | | 0.12 | 13 | | 20.10 | 13.01 | 14.88 |
| 18.0 | 1032 | 13.0 | | | 0.19 | 5.9 | | 9.0 | 9.3 | 100 | | 0.13 | 14 | | 20.16 | 12.99 | 14.93 |
| 18.0 | 1032 | 14.0 | | | 0.18 | 5.7 | | 9.0 | 9.3 | 100 | | 0.14 | 16 | | 20.23 | 12.98 | 14.98 |
| 18.0 | 1032 | 15.0 | | | 0.18 | 5.4 | | 9.0 | 9.3 | 100 | | 0.14 | 16 | | 20.54 | 13.00 | 15.22 |
| 18.0 | 1032 | 16.0 | | | 0.16 | 4.9 | | 9.0 | 9.3 | 101 | | 0.13 | 16 | | 20.61 | 13.02 | 15.27 |
| 18.0 | 1032 | 17.0 | | | 0.18 | 5.4 | | 9.0 | 9.3 | 101 | | 0.12 | 14 | | 20.68 | 13.03 | 15.32 |
| 18.0 | 1032 | 18.0 | | | 0.19 | 6.0 | | 9.0 | 9.3 | 101 | | 0.12 | 13 | | 20.74 | 13.03 | 15.37 |
| 18.0 | 1032 | 19.0 | | | 0.18 | 5.5 | | 9.0 | 9.3 | 100 | | 0.12 | 13 | | 20.80 | 13.02 | 15.42 |
| 18.0 | 1032 | 20.0 | | | 0.19 | 5.7 | | 9.0 | 9.3 | 100 | | 0.12 | 13 | | 20.85 | 13.01 | 15.46 |
| 18.0 | 1032 | 21.0 | | | 0.20 | 6.4 | | 9.0 | 9.3 | 100 | | 0.12 | 14 | | 20.90 | 13.02 | 15.49 |
| 18.0 | 1032 | 22.0 | | | 0.21 | 6.5 | | 8.9 | 9.2 | 100 | | 0.12 | 14 | | 21.08 | 13.02 | 15.64 |
| 18.0 | 1032 | 23.0 | | | 0.21 | 6.6 | | 8.9 | 9.2 | 100 | | 0.13 | 14 | | 21.66 | 13.00 | 16.08 |

North San Francisco Bay April 14, 1998 98104

| 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 | 1032 | 24.0 | | | 0.21 | 6.5 | | 8.8 | 9.1 | 100 | | 0.13 | 15 | | 21.94 | 12.99 | 16.31 |
| 18.0 | 1032 | 25.0 | | | 0.21 | 6.7 | | 8.8 | 9.1 | 99 | | 0.14 | 17 | | 22.19 | 12.99 | 16.50 |
| 18.0 | 1032 | 26.0 | | | 0.22 | 7.0 | | 8.8 | 9.1 | 99 | | 0.15 | 18 | | 22.39 | 12.98 | 16.65 |
| 18.0 | 1032 | 27.0 | | | 0.23 | 7.3 | | 8.7 | 9.0 | 99 | | 0.17 | 21 | | 22.67 | 12.97 | 16.87 |
| 18.0 | 1032 | 28.0 | | | 0.25 | 8.1 | | 8.7 | 9.0 | 99 | | 0.19 | 24 | | 22.89 | 12.96 | 17.04 |
| 18.0 | 1032 | 29.0 | | | 0.26 | 8.5 | | 8.7 | 9.0 | 98 | | 0.20 | 27 | | 23.04 | 12.96 | 17.16 |
| 18.0 | 1032 | 30.0 | | | 0.26 | 8.4 | | 8.7 | 9.0 | 98 | | 0.23 | 31 | | 23.16 | 12.96 | 17.25 |
| 18.0 | 1032 | 31.0 | | | 0.25 | 7.9 | | 8.7 | 9.0 | 98 | | 0.24 | 33 | | 23.21 | 12.96 | 17.29 |
| 18.0 | 1032 | 32.0 | | | 0.27 | 8.6 | | 8.6 | 8.9 | 98 | | 0.25 | 34 | | 23.32 | 12.95 | 17.37 |
| 18.0 | 1032 | 33.0 | | | 0.28 | 9.1 | | 8.6 | 8.9 | 98 | | 0.27 | 37 | | 23.37 | 12.94 | 17.42 |
| 18.0 | 1032 | 34.0 | | | 0.29 | 9.5 | | 8.6 | 8.9 | 98 | | 0.27 | 37 | | 23.63 | 12.93 | 17.61 |
| 18.0 | 1032 | 35.0 | | | 0.29 | 9.5 | | 8.5 | 8.8 | 97 | | 0.28 | 40 | | 23.97 | 12.91 | 17.88 |
| 18.0 | 1032 | 36.0 | | | 0.27 | 8.9 | | 8.4 | 8.7 | 97 | | 0.30 | 41 | | 24.60 | 12.87 | 18.37 |
| 18.0 | 1032 | 37.0 | | | 0.28 | 8.9 | | 8.4 | 8.7 | 96 | | 0.29 | 41 | | 25.15 | 12.85 | 18.80 |
| 18.0 | 1032 | 38.0 | | | 0.28 | 9.2 | | 8.3 | 8.7 | 96 | | 0.30 | 43 | | 25.28 | 12.84 | 18.91 |
| 18.0 | 1032 | 39.0 | | | 0.28 | 9.3 | | 8.3 | 8.6 | 96 | | 0.31 | 44 | | 25.43 | 12.83 | 19.03 |
| 18.0 | 1032 | 40.0 | | | 0.29 | 9.4 | | 8.3 | 8.6 | 96 | | 0.32 | 45 | | 25.71 | 12.82 | 19.24 |
| 18.0 | 1032 | 41.0 | | | 0.28 | 9.2 | | 8.3 | 8.6 | 96 | | 0.32 | 45 | | 25.83 | 12.82 | 19.33 |
| 18.0 | 1032 | 42.0 | | | 0.28 | 9.1 | | 8.3 | 8.6 | 95 | | 0.32 | 44 | | 25.93 | 12.81 | 19.41 |
| 18.0 | 1032 | 43.0 | 8.9 | 0.54 | 0.29 | 9.3 | | 8.2 | 8.6 | 95 | | 0.34 | 48 | | 26.05 | 12.80 | 19.51 |
| 20.0 | 1010 | 1.0 | | | 0.28 | 9.1 | | 9.8 | 10.1 | 104 | | 0.21 | 28 | 2.1 | 13.20 | 12.97 | 9.57 |
| 20.0 | 1010 | 2.0 | | | 0.28 | 9.0 | | 9.7 | 10.0 | 104 | | 0.20 | 26 | | 14.28 | 13.00 | 10.40 |
| 20.0 | 1010 | 3.0 | | | 0.25 | 8.2 | | 9.7 | 10.0 | 104 | | 0.19 | 24 | | 14.85 | 13.02 | 10.84 |
| 20.0 | 1010 | 4.0 | | | 0.24 | 7.5 | | 9.7 | 10.0 | 104 | | 0.17 | 22 | | 15.09 | 13.04 | 11.02 |
| 20.0 | 1010 | 5.0 | | | 0.25 | 8.1 | | 9.7 | 10.0 | 105 | | 0.16 | 20 | | 15.42 | 13.07 | 11.27 |
| 20.0 | 1010 | 6.0 | | | 0.29 | 9.3 | | 9.8 | 10.0 | 105 | | 0.14 | 17 | | 15.92 | 13.13 | 11.64 |
| 20.0 | 1010 | 7.0 | | | 0.32 | 10.6 | | 9.7 | 10.0 | 106 | | 0.11 | 12 | | 16.77 | 13.19 | 12.29 |
| 20.0 | 1010 | 8.0 | | | 0.39 | 13.2 | | 9.8 | 10.0 | 106 | | 0.11 | 12 | | 17.00 | 13.23 | 12.46 |
| 20.0 | 1010 | 9.0 | | | 0.42 | 14.3 | | 9.8 | 10.0 | 107 | | 0.11 | 11 | | 17.36 | 13.29 | 12.73 |
| 20.0 | 1010 | 10.0 | | | 0.38 | 12.9 | | 9.7 | 10.0 | 107 | | 0.09 | 9 | | 17.88 | 13.35 | 13.11 |
| 20.0 | 1010 | 11.0 | | | 0.38 | 12.6 | | 9.7 | 9.9 | 107 | | 0.09 | 9 | | 18.02 | 13.36 | 13.22 |
| 20.0 | 1010 | 12.0 | | | 0.40 | 13.4 | | 9.7 | 9.9 | 106 | | 0.09 | 9 | | 18.20 | 13.37 | 13.36 |
| 20.0 | 1010 | 13.0 | | | 0.39 | 13.3 | | 9.6 | 9.9 | 106 | | 0.09 | 9 | | 18.39 | 13.37 | 13.50 |
| 20.0 | 1010 | 14.0 | | | 0.41 | 13.9 | | 9.6 | 9.8 | 106 | | 0.10 | 10 | | 18.53 | 13.34 | 13.61 |
| 20.0 | 1010 | 15.0 | | | 0.44 | 14.8 | | 9.5 | 9.8 | 105 | | 0.10 | 10 | | 18.69 | 13.33 | 13.74 |
| 20.0 | 1010 | 16.0 | | | 0.41 | 13.9 | | 9.5 | 9.8 | 105 | | 0.10 | 10 | | 18.84 | 13.33 | 13.86 |
| 20.0 | 1010 | 17.0 | | | 0.37 | 12.3 | | 9.4 | 9.7 | 105 | | 0.10 | 10 | | 19.23 | 13.33 | 14.16 |
| 20.0 | 1010 | 18.0 | | | 0.33 | 11.0 | | 9.4 | 9.7 | 104 | | 0.10 | 10 | | 19.50 | 13.32 | 14.37 |
| 20.0 | 1010 | 19.0 | | | 0.32 | 10.7 | | 9.3 | 9.6 | 104 | | 0.10 | 11 | | 19.80 | 13.30 | 14.60 |
| 20.0 | 1010 | 20.0 | | | 0.32 | 10.6 | | 9.3 | 9.6 | 104 | | 0.10 | 11 | | 19.89 | 13.30 | 14.67 |
| 20.0 | 1010 | 21.0 | | | 0.31 | 10.4 | | 9.2 | 9.5 | 103 | | 0.10 | 11 | | 20.21 | 13.28 | 14.92 |
| 20.0 | 1010 | 22.0 | | | 0.31 | 10.3 | | 9.1 | 9.3 | 102 | | 0.13 | 15 | | 20.69 | 13.23 | 15.30 |

North San Francisco Bay April 14, 1998 98104

| 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 | 1010 | 23.0 | | | 0.31 | 10.1 | | 8.9 | 9.2 | 100 | | 0.27 | 37 | | 22.08 | 13.13 | 16.38 |
| 20.0 | 1010 | 24.0 | | | 0.31 | 10.0 | | 8.9 | 9.2 | 100 | | 0.31 | 44 | | 22.43 | 13.11 | 16.66 |

| | n | r^2 | Slope | Inter. | Std. Err. |
|---|---|---|---|---|---|
| Fluorometer Calibration: | 15 | 0.986 | 36.221 | -1.024 | 1.793 |
| OBS Calibration: | 9 | 0.984 | 158.394 | -5.576 | 4.812 |
| Dissolved Oxygen Calibration: | 8 | 0.726 | 0.957 | 0.663 | 0.145 |

SeaBird v4.026

South San Francisco Bay April 14, 1998 98104

| 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 | 0633 | 1.0 | | | 4.70 | 160.3 | | 9.3 | 9.3 | 94 | | 4.00 | 476 | | 10.20 | 13.20 | 7.23 |
| 36.0 | 0633 | 2.0 | 150.9 | 0.74 | 4.69 | 160.1 | | 9.3 | 9.3 | 95 | 479.6 | 4.13 | 492 | | 10.31 | 13.24 | 7.31 |
| 36.0 | 0633 | 3.0 | | | 4.64 | 158.4 | | 9.3 | 9.4 | 96 | | 4.54 | 538 | | 10.40 | 13.32 | 7.36 |
| 36.0 | 0633 | 4.0 | | | 4.62 | 157.8 | | 9.3 | 9.4 | 96 | | 4.85 | 574 | | 10.67 | 13.38 | 7.56 |
| 36.0 | 0633 | 5.0 | | | 4.69 | 160.1 | | 9.5 | 9.5 | 98 | | 5.26 | 622 | | 10.90 | 13.37 | 7.74 |
| 36.0 | 0633 | 6.0 | | | 4.72 | 161.0 | | 9.3 | 9.3 | 97 | | 5.61 | 662 | | 11.83 | 13.60 | 8.42 |
| 34.0 | 0649 | 1.0 | | | 4.57 | 156.0 | | 9.5 | 9.5 | 97 | | 2.09 | 258 | | 11.63 | 12.52 | 8.43 |
| 34.0 | 0649 | 2.0 | | | 4.61 | 157.3 | | 9.4 | 9.4 | 96 | | 2.09 | 257 | | 12.08 | 12.88 | 8.73 |
| 34.0 | 0649 | 3.0 | | | 4.73 | 161.5 | | 9.3 | 9.4 | 96 | | 2.13 | 263 | | 12.15 | 12.85 | 8.78 |
| 34.0 | 0649 | 4.0 | | | 4.81 | 164.1 | | 9.3 | 9.4 | 96 | | 2.29 | 281 | | 12.15 | 12.83 | 8.79 |
| 34.0 | 0649 | 5.0 | | | 4.80 | 163.9 | | 9.3 | 9.3 | 95 | | 2.35 | 288 | | 12.12 | 12.77 | 8.77 |
| 34.0 | 0649 | 6.0 | | | 4.71 | 160.7 | | 9.3 | 9.3 | 95 | | 2.46 | 301 | | 12.06 | 12.59 | 8.75 |
| 34.0 | 0649 | 7.0 | | | 4.69 | 159.9 | | 9.3 | 9.3 | 95 | | 2.56 | 311 | | 12.38 | 12.82 | 8.97 |
| 32.0 | 0707 | 1.0 | | | 3.24 | 110.4 | | 10.0 | 10.1 | 105 | | 1.26 | 163 | | 13.36 | 13.17 | 9.67 |
| 32.0 | 0707 | 2.0 | 111.1 | 0.81 | 3.24 | 110.2 | 9.6 | 10.0 | 10.1 | 105 | 204.7 | 1.25 | 162 | | 13.54 | 13.23 | 9.79 |
| 32.0 | 0707 | 3.0 | | | 3.21 | 109.2 | | 10.0 | 10.1 | 106 | | 1.24 | 161 | | 13.66 | 13.26 | 9.88 |
| 32.0 | 0707 | 4.0 | | | 3.26 | 110.8 | | 10.0 | 10.1 | 106 | | 1.25 | 161 | | 13.83 | 13.33 | 10.00 |
| 32.0 | 0707 | 5.0 | | | 3.31 | 112.6 | | 10.0 | 10.1 | 106 | | 1.27 | 164 | | 14.03 | 13.38 | 10.15 |
| 32.0 | 0707 | 6.0 | | | 3.39 | 115.5 | | 10.0 | 10.1 | 105 | | 1.38 | 177 | | 14.07 | 13.38 | 10.18 |
| 32.0 | 0707 | 7.0 | | | 3.52 | 120.0 | | 9.9 | 10.0 | 105 | | 1.56 | 197 | | 14.10 | 13.38 | 10.20 |
| 32.0 | 0707 | 8.0 | | | 3.58 | 121.9 | | 9.9 | 10.1 | 105 | | 1.73 | 217 | | 14.14 | 13.38 | 10.23 |
| 32.0 | 0707 | 9.0 | | | 3.57 | 121.5 | | 9.9 | 10.0 | 105 | | 1.93 | 239 | | 14.41 | 13.45 | 10.43 |
| 32.0 | 0707 | 10.0 | | | 3.71 | 126.4 | | 9.9 | 10.0 | 105 | | 2.03 | 251 | | 14.60 | 13.49 | 10.56 |
| 32.0 | 0707 | 11.0 | 142.1 | 0.71 | 3.77 | 128.4 | | 9.8 | 9.9 | 105 | | 2.29 | 281 | | 14.64 | 13.51 | 10.60 |
| 30.0 | 0732 | 1.0 | | | 0.80 | 26.6 | | 10.0 | 10.1 | 107 | | 0.37 | 60 | 4.6 | 15.13 | 13.44 | 10.98 |
| 30.0 | 0732 | 2.0 | 31.0 | 0.77 | 0.78 | 25.9 | 9.8 | 9.8 | 9.9 | 105 | 60.0 | 0.37 | 60 | | 15.60 | 13.64 | 11.31 |
| 30.0 | 0732 | 3.0 | | | 0.75 | 24.9 | | 9.6 | 9.7 | 104 | | 0.38 | 62 | | 15.80 | 13.73 | 11.45 |
| 30.0 | 0732 | 4.0 | | | 0.76 | 25.1 | | 9.6 | 9.7 | 103 | | 0.41 | 65 | | 15.88 | 13.75 | 11.51 |
| 30.0 | 0732 | 5.0 | | | 0.78 | 26.1 | | 9.5 | 9.6 | 102 | | 0.44 | 69 | | 15.93 | 13.76 | 11.54 |
| 30.0 | 0732 | 6.0 | | | 0.79 | 26.1 | | 9.5 | 9.6 | 102 | | 0.48 | 73 | | 15.96 | 13.77 | 11.57 |
| 30.0 | 0732 | 7.0 | | | 0.79 | 26.2 | | 9.5 | 9.5 | 102 | | 0.50 | 76 | | 15.97 | 13.77 | 11.57 |
| 30.0 | 0732 | 8.0 | | | 0.82 | 27.3 | | 9.4 | 9.5 | 101 | | 0.58 | 85 | | 16.06 | 13.79 | 11.64 |
| 30.0 | 0732 | 9.0 | | | 0.83 | 27.5 | | 9.4 | 9.4 | 101 | | 0.62 | 90 | | 16.07 | 13.80 | 11.65 |
| 30.0 | 0732 | 10.0 | | | 0.82 | 27.3 | | 9.4 | 9.5 | 101 | | 0.62 | 90 | | 16.07 | 13.80 | 11.64 |
| 30.0 | 0732 | 11.0 | | | 0.87 | 29.0 | | 9.4 | 9.4 | 101 | | 0.66 | 94 | | 16.11 | 13.81 | 11.68 |
| 30.0 | 0732 | 12.0 | | | 1.04 | 34.9 | | 9.4 | 9.4 | 101 | | 0.84 | 115 | | 16.21 | 13.82 | 11.75 |
| 30.0 | 0732 | 13.0 | | | 1.41 | 47.6 | | 9.4 | 9.4 | 101 | | 1.35 | 173 | | 16.29 | 13.84 | 11.81 |
| 30.0 | 0732 | 14.0 | 41.4 | 0.56 | 1.46 | 49.1 | | 9.4 | 9.4 | 101 | | 2.46 | 301 | | 16.32 | 13.84 | 11.83 |

South San Francisco Bay April 14, 1998 98104

| 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 | 0752 | 1.0 | | | 0.44 | 14.1 | | 9.5 | 9.5 | 102 | | 0.16 | 36 | 2.2 | 16.45 | 13.62 | 11.97 |
| 29.0 | 0752 | 2.0 | | | 0.44 | 14.1 | | 9.5 | 9.6 | 102 | | 0.16 | 36 | | 16.45 | 13.63 | 11.97 |
| 29.0 | 0752 | 3.0 | | | 0.42 | 13.4 | | 9.5 | 9.6 | 102 | | 0.16 | 36 | | 16.45 | 13.65 | 11.97 |
| 29.0 | 0752 | 4.0 | | | 0.40 | 12.9 | | 9.5 | 9.6 | 102 | | 0.16 | 36 | | 16.46 | 13.67 | 11.97 |
| 29.0 | 0752 | 5.0 | | | 0.40 | 12.9 | | 9.5 | 9.6 | 102 | | 0.16 | 36 | | 16.47 | 13.68 | 11.97 |
| 29.0 | 0752 | 6.0 | | | 0.40 | 12.8 | | 9.5 | 9.6 | 103 | | 0.16 | 36 | | 16.48 | 13.70 | 11.97 |
| 29.0 | 0752 | 7.0 | | | 0.43 | 13.8 | | 9.5 | 9.6 | 103 | | 0.16 | 37 | | 16.51 | 13.75 | 12.00 |
| 29.0 | 0752 | 8.0 | | | 0.49 | 15.9 | | 9.5 | 9.6 | 103 | | 0.17 | 38 | | 16.57 | 13.78 | 12.03 |
| 29.0 | 0752 | 9.0 | | | 0.56 | 18.3 | | 9.5 | 9.6 | 103 | | 0.19 | 40 | | 16.58 | 13.79 | 12.04 |
| 29.0 | 0752 | 10.0 | | | 0.62 | 20.4 | | 9.5 | 9.6 | 103 | | 0.25 | 46 | | 16.60 | 13.80 | 12.06 |
| 29.0 | 0752 | 11.0 | | | 0.66 | 21.7 | | 9.5 | 9.6 | 103 | | 0.32 | 55 | | 16.62 | 13.81 | 12.06 |
| 29.0 | 0752 | 12.0 | | | 0.74 | 24.6 | | 9.5 | 9.6 | 103 | | 0.41 | 65 | | 16.61 | 13.81 | 12.06 |
| 29.0 | 0752 | 13.0 | | | 0.83 | 27.8 | | 9.5 | 9.5 | 102 | | 0.49 | 74 | | 16.63 | 13.82 | 12.07 |
| 29.0 | 0752 | 14.0 | | | 0.82 | 27.4 | | 9.5 | 9.5 | 102 | | 0.54 | 80 | | 16.64 | 13.82 | 12.08 |
| 27.0 | 0815 | 1.0 | | | 0.43 | 14.0 | | 9.5 | 9.6 | 103 | | 0.14 | 35 | 2.1 | 16.77 | 13.78 | 12.19 |
| 27.0 | 0815 | 2.0 | 18.6 | 0.84 | 0.46 | 14.9 | 9.7 | 9.5 | 9.6 | 103 | 24.5 | 0.14 | 35 | | 16.78 | 13.78 | 12.20 |
| 27.0 | 0815 | 3.0 | | | 0.47 | 15.2 | | 9.5 | 9.6 | 103 | | 0.16 | 36 | | 16.79 | 13.79 | 12.20 |
| 27.0 | 0815 | 4.0 | | | 0.48 | 15.6 | | 9.5 | 9.6 | 103 | | 0.19 | 41 | | 16.80 | 13.80 | 12.20 |
| 27.0 | 0815 | 5.0 | | | 0.51 | 16.7 | | 9.5 | 9.6 | 103 | | 0.22 | 43 | | 16.80 | 13.80 | 12.20 |
| 27.0 | 0815 | 6.0 | | | 0.60 | 19.6 | | 9.5 | 9.6 | 103 | | 0.23 | 44 | | 16.81 | 13.82 | 12.21 |
| 27.0 | 0815 | 7.0 | | | 0.68 | 22.5 | | 9.5 | 9.5 | 103 | | 0.28 | 51 | | 16.81 | 13.83 | 12.21 |
| 27.0 | 0815 | 8.0 | | | 0.72 | 23.8 | | 9.5 | 9.5 | 102 | | 0.28 | 50 | | 16.81 | 13.82 | 12.21 |
| 27.0 | 0815 | 9.0 | | | 0.78 | 25.9 | | 9.5 | 9.5 | 103 | | 0.33 | 56 | | 16.81 | 13.83 | 12.21 |
| 27.0 | 0815 | 10.0 | | | 0.87 | 29.0 | | 9.5 | 9.5 | 102 | | 0.40 | 64 | | 16.82 | 13.84 | 12.22 |
| 27.0 | 0815 | 11.0 | 27.1 | 0.58 | 0.86 | 28.8 | | 9.5 | 9.5 | 102 | | 0.50 | 76 | | 16.82 | 13.84 | 12.22 |
| 25.0 | 0841 | 1.0 | | | 0.60 | 19.8 | | 9.9 | 10.0 | 108 | | 0.13 | 33 | 2.1 | 17.12 | 13.86 | 12.44 |
| 25.0 | 0841 | 2.0 | | | 0.61 | 19.9 | | 9.8 | 9.9 | 107 | | 0.14 | 34 | | 17.14 | 13.85 | 12.46 |
| 25.0 | 0841 | 3.0 | | | 0.57 | 18.7 | | 9.8 | 9.9 | 107 | | 0.14 | 34 | | 17.16 | 13.85 | 12.47 |
| 25.0 | 0841 | 4.0 | | | 0.57 | 18.9 | | 9.8 | 9.9 | 106 | | 0.14 | 35 | | 17.17 | 13.84 | 12.49 |
| 25.0 | 0841 | 5.0 | | | 0.63 | 20.6 | | 9.8 | 9.9 | 107 | | 0.15 | 36 | | 17.20 | 13.83 | 12.51 |
| 25.0 | 0841 | 6.0 | | | 0.61 | 20.0 | | 9.8 | 9.9 | 106 | | 0.17 | 38 | | 17.21 | 13.83 | 12.52 |
| 25.0 | 0841 | 7.0 | | | 0.59 | 19.2 | | 9.8 | 9.9 | 106 | | 0.19 | 39 | | 17.22 | 13.82 | 12.52 |
| 24.0 | 0858 | 1.0 | | | 0.75 | 25.0 | | 10.4 | 10.5 | 113 | | 0.19 | 40 | 2.7 | 17.55 | 13.72 | 12.80 |
| 24.0 | 0858 | 2.0 | 24.1 | 0.85 | 0.77 | 25.5 | 10.6 | 10.3 | 10.5 | 113 | 30.2 | 0.19 | 39 | | 17.55 | 13.69 | 12.80 |
| 24.0 | 0858 | 3.0 | | | 0.76 | 25.1 | | 10.3 | 10.4 | 112 | | 0.19 | 40 | | 17.55 | 13.69 | 12.81 |
| 24.0 | 0858 | 4.0 | | | 0.77 | 25.5 | | 10.2 | 10.4 | 112 | | 0.19 | 40 | | 17.56 | 13.68 | 12.81 |
| 24.0 | 0858 | 5.0 | | | 0.81 | 27.1 | | 10.2 | 10.4 | 112 | | 0.20 | 41 | | 17.56 | 13.68 | 12.81 |
| 24.0 | 0858 | 6.0 | | | 0.83 | 27.7 | | 10.2 | 10.3 | 111 | | 0.21 | 42 | | 17.56 | 13.68 | 12.81 |
| 24.0 | 0858 | 7.0 | | | 0.85 | 28.2 | | 10.2 | 10.3 | 111 | | 0.22 | 43 | | 17.56 | 13.68 | 12.81 |
| 24.0 | 0858 | 8.0 | | | 0.87 | 29.1 | | 10.2 | 10.3 | 111 | | 0.22 | 43 | | 17.56 | 13.68 | 12.81 |

South San Francisco Bay April 14, 1998 98104

| 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 | 0858 | 9.0 | 29.1 | 0.83 | 0.87 | 29.1 | | 10.2 | 10.3 | 111 | | 0.23 | 45 | | 17.57 | 13.68 | 12.82 |
| 22.0 | 0929 | 1.0 | | | 0.68 | 22.6 | | 10.3 | 10.4 | 112 | | 0.14 | 34 | 2.0 | 17.35 | 13.64 | 12.66 |
| 22.0 | 0929 | 2.0 | | | 0.70 | 23.2 | | 10.1 | 10.3 | 110 | | 0.15 | 35 | | 17.45 | 13.58 | 12.74 |
| 22.0 | 0929 | 3.0 | | | 0.69 | 22.9 | | 10.0 | 10.1 | 108 | | 0.16 | 36 | | 17.80 | 13.62 | 13.01 |
| 22.0 | 0929 | 4.0 | | | 0.67 | 22.0 | | 9.9 | 10.0 | 108 | | 0.14 | 35 | | 17.96 | 13.60 | 13.13 |
| 22.0 | 0929 | 5.0 | | | 0.69 | 22.8 | | 9.9 | 10.0 | 108 | | 0.16 | 36 | | 17.98 | 13.59 | 13.15 |
| 22.0 | 0929 | 6.0 | | | 0.69 | 22.7 | | 9.8 | 9.9 | 107 | | 0.14 | 35 | | 17.98 | 13.59 | 13.15 |
| 22.0 | 0929 | 7.0 | | | 0.67 | 22.1 | | 9.8 | 9.9 | 107 | | 0.14 | 35 | | 18.05 | 13.51 | 13.22 |
| 22.0 | 0929 | 8.0 | | | 0.69 | 22.8 | | 9.8 | 9.9 | 106 | | 0.14 | 34 | | 18.07 | 13.50 | 13.23 |
| 22.0 | 0929 | 9.0 | | | 0.68 | 22.5 | | 9.8 | 9.9 | 106 | | 0.14 | 35 | | 18.16 | 13.49 | 13.30 |
| 22.0 | 0929 | 10.0 | | | 0.63 | 20.8 | | 9.7 | 9.8 | 105 | | 0.15 | 36 | | 18.31 | 13.51 | 13.42 |
| 22.0 | 0929 | 11.0 | | | 0.62 | 20.4 | | 9.6 | 9.7 | 104 | | 0.15 | 36 | | 18.52 | 13.51 | 13.58 |
| 22.0 | 0929 | 12.0 | | | 0.61 | 20.0 | | 9.5 | 9.6 | 103 | | 0.16 | 37 | | 18.77 | 13.48 | 13.78 |
| 22.0 | 0929 | 13.0 | | | 0.54 | 17.8 | | 9.4 | 9.5 | 103 | | 0.17 | 37 | | 19.11 | 13.44 | 14.05 |
| 22.0 | 0929 | 14.0 | | | 0.49 | 16.1 | | 9.3 | 9.4 | 101 | | 0.16 | 37 | | 19.42 | 13.40 | 14.29 |
| 22.0 | 0929 | 15.0 | | | 0.46 | 15.0 | | 9.2 | 9.2 | 99 | | 0.16 | 37 | | 20.04 | 13.33 | 14.78 |
| 22.0 | 0929 | 16.0 | | | 0.43 | 13.8 | | 9.0 | 9.0 | 98 | | 0.27 | 49 | | 20.93 | 13.22 | 15.48 |
| 22.0 | 0929 | 17.0 | | | 0.43 | 14.0 | | 9.0 | 9.0 | 98 | | 0.42 | 67 | | 21.58 | 13.17 | 15.99 |
| 21.0 | 0943 | 1.0 | | | 0.55 | 18.1 | | 10.2 | 10.3 | 111 | | 0.13 | 33 | 1.9 | 17.48 | 13.62 | 12.76 |
| 21.0 | 0943 | 2.0 | 19.5 | 0.85 | 0.55 | 18.0 | 10.5 | 10.0 | 10.2 | 109 | 20.9 | 0.12 | 32 | | 17.64 | 13.56 | 12.90 |
| 21.0 | 0943 | 3.0 | | | 0.53 | 17.3 | | 10.0 | 10.1 | 108 | | 0.13 | 33 | | 17.73 | 13.54 | 12.97 |
| 21.0 | 0943 | 4.0 | | | 0.57 | 18.7 | | 9.9 | 10.0 | 108 | | 0.14 | 35 | | 17.77 | 13.52 | 13.00 |
| 21.0 | 0943 | 5.0 | | | 0.59 | 19.3 | | 9.9 | 10.0 | 107 | | 0.16 | 36 | | 17.81 | 13.51 | 13.03 |
| 21.0 | 0943 | 6.0 | | | 0.60 | 19.7 | | 9.8 | 9.9 | 107 | | 0.17 | 37 | | 17.82 | 13.50 | 13.04 |
| 21.0 | 0943 | 7.0 | | | 0.62 | 20.3 | | 9.8 | 9.9 | 107 | | 0.17 | 38 | | 17.83 | 13.49 | 13.06 |
| 21.0 | 0943 | 8.0 | | | 0.62 | 20.5 | | 9.8 | 9.9 | 106 | | 0.19 | 39 | | 17.88 | 13.48 | 13.09 |
| 21.0 | 0943 | 9.0 | | | 0.64 | 21.0 | | 9.8 | 9.9 | 106 | | 0.20 | 41 | | 17.94 | 13.47 | 13.14 |
| 21.0 | 0943 | 10.0 | | | 0.66 | 21.7 | | 9.7 | 9.8 | 105 | | 0.21 | 42 | | 17.98 | 13.46 | 13.17 |
| 21.0 | 0943 | 11.0 | | | 0.63 | 20.6 | | 9.5 | 9.6 | 103 | | 0.20 | 42 | | 18.20 | 13.43 | 13.35 |
| 21.0 | 0943 | 12.0 | | | 0.59 | 19.3 | | 9.2 | 9.3 | 101 | | 0.29 | 52 | | 20.27 | 13.27 | 14.97 |
| 21.0 | 0943 | 13.0 | | | 0.60 | 19.8 | | 9.2 | 9.2 | 100 | | 0.56 | 82 | | 20.70 | 13.26 | 15.30 |
| 21.0 | 0943 | 14.0 | | | 0.65 | 21.4 | | 9.1 | 9.1 | 99 | | 0.76 | 105 | | 20.77 | 13.25 | 15.35 |
| 21.0 | 0943 | 15.0 | | | 0.73 | 24.2 | | 9.1 | 9.1 | 99 | | 0.98 | 130 | | 20.90 | 13.25 | 15.45 |
| 21.0 | 0943 | 16.0 | | | 0.82 | 27.4 | | 9.0 | 9.0 | 98 | | 1.16 | 151 | | 21.07 | 13.24 | 15.59 |
| 21.0 | 0943 | 17.0 | 22.5 | 0.52 | 0.82 | 27.4 | | 9.1 | 9.1 | 99 | | 1.35 | 173 | | 21.19 | 13.23 | 15.68 |

| | n | r^2 | Slope | Inter. | Std. Err. |
|---|---|---|---|---|---|
| Fluorometer Calibration: | 11 | 0.985 | 34.291 | -0.837 | 6.718 |
| OBS Calibration: | 6 | 0.986 | 114.621 | 18.266 | 24.137 |
| Dissolved Oxygen Calibration: | 5 | 0.559 | 1.123 | -1.118 | 0.357 |

SeaBird v4.026

South San Francisco Bay April 21, 1998 98111

| 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 | 0842 | 1.0 | | | 1.83 | 24.6 | | 7.1 | 7.8 | 87 | | 0.31 | 37 | 3.9 | 12.92 | 16.42 | 8.76 |
| 36.0 | 0842 | 2.0 | 18.2 | 0.71 | 1.67 | 22.2 | 7.6 | 7.0 | 7.7 | 86 | 32.5 | 0.28 | 33 | | 13.79 | 16.51 | 9.40 |
| 36.0 | 0842 | 3.0 | | | 1.75 | 23.4 | | 7.0 | 7.7 | 86 | | 0.29 | 34 | | 14.06 | 16.54 | 9.60 |
| 36.0 | 0842 | 4.0 | | | 1.83 | 24.6 | | 7.1 | 7.7 | 87 | | 0.32 | 37 | | 14.15 | 16.55 | 9.67 |
| 36.0 | 0842 | 5.0 | | | 1.76 | 23.6 | | 7.1 | 7.8 | 88 | | 0.32 | 37 | | 14.23 | 16.56 | 9.73 |
| 36.0 | 0842 | 6.0 | | | 1.68 | 22.3 | | 7.1 | 7.8 | 88 | | 0.30 | 35 | | 14.27 | 16.56 | 9.76 |
| 36.0 | 0842 | 7.0 | 21.7 | 0.75 | 1.70 | 22.6 | | 7.2 | 7.8 | 88 | | 0.27 | 32 | | 14.34 | 16.56 | 9.81 |
| 35.0 | 0901 | 1.0 | | | 1.49 | 19.4 | | 7.4 | 8.2 | 92 | | 0.12 | 15 | 1.9 | 14.40 | 16.68 | 9.83 |
| 35.0 | 0901 | 2.0 | | | 1.46 | 18.9 | | 7.4 | 8.1 | 91 | | 0.12 | 15 | | 14.49 | 16.61 | 9.91 |
| 35.0 | 0901 | 3.0 | | | 1.51 | 19.7 | | 7.3 | 8.0 | 90 | | 0.16 | 19 | | 14.53 | 16.58 | 9.95 |
| 35.0 | 0901 | 4.0 | | | 1.49 | 19.4 | | 7.3 | 8.1 | 90 | | 0.20 | 25 | | 14.65 | 16.56 | 10.05 |
| 35.0 | 0901 | 5.0 | | | 1.44 | 18.6 | | 7.4 | 8.2 | 92 | | 0.21 | 25 | | 14.82 | 16.57 | 10.18 |
| 35.0 | 0901 | 6.0 | | | 1.43 | 18.5 | | 7.4 | 8.2 | 92 | | 0.17 | 21 | | 14.92 | 16.60 | 10.25 |
| 35.0 | 0901 | 7.0 | | | 1.49 | 19.4 | | 7.5 | 8.2 | 93 | | 0.14 | 18 | | 15.05 | 16.57 | 10.35 |
| 35.0 | 0901 | 8.0 | | | 1.60 | 21.1 | | 7.4 | 8.2 | 92 | | 0.17 | 21 | | 15.15 | 16.50 | 10.44 |
| 35.0 | 0901 | 9.0 | | | 1.59 | 21.0 | | 7.4 | 8.2 | 93 | | 0.21 | 25 | | 15.18 | 16.49 | 10.47 |
| 34.0 | 0912 | 1.0 | | | 1.35 | 17.1 | | 8.2 | 9.2 | 103 | | 0.07 | 10 | 1.7 | 13.43 | 16.60 | 9.11 |
| 34.0 | 0912 | 2.0 | | | 1.35 | 17.3 | | 7.7 | 8.5 | 96 | | 0.07 | 10 | | 14.06 | 16.83 | 9.54 |
| 34.0 | 0912 | 3.0 | | | 1.38 | 17.6 | | 7.5 | 8.3 | 93 | | 0.08 | 11 | | 15.05 | 16.78 | 10.31 |
| 34.0 | 0912 | 4.0 | | | 1.40 | 17.9 | | 7.5 | 8.3 | 94 | | 0.11 | 14 | | 15.58 | 16.49 | 10.77 |
| 34.0 | 0912 | 5.0 | | | 1.58 | 20.7 | | 7.5 | 8.3 | 94 | | 0.14 | 17 | | 15.66 | 16.40 | 10.85 |
| 34.0 | 0912 | 6.0 | | | 1.63 | 21.6 | | 7.6 | 8.4 | 95 | | 0.14 | 18 | | 15.70 | 16.32 | 10.90 |
| 33.0 | 0927 | 1.0 | | | 1.32 | 16.7 | | 8.0 | 9.0 | 101 | | 0.06 | 9 | 1.5 | 15.01 | 16.64 | 10.31 |
| 33.0 | 0927 | 2.0 | | | 1.28 | 16.2 | | 8.0 | 8.9 | 100 | | 0.06 | 9 | | 15.18 | 16.57 | 10.45 |
| 33.0 | 0927 | 3.0 | | | 1.20 | 14.9 | | 7.9 | 8.9 | 100 | | 0.06 | 8 | | 15.47 | 16.53 | 10.68 |
| 33.0 | 0927 | 4.0 | | | 1.11 | 13.5 | | 7.9 | 8.8 | 100 | | 0.06 | 8 | | 15.71 | 16.56 | 10.86 |
| 33.0 | 0927 | 5.0 | | | 1.06 | 12.7 | | 7.9 | 8.8 | 99 | | 0.06 | 8 | | 15.76 | 16.52 | 10.90 |
| 33.0 | 0927 | 6.0 | | | 1.10 | 13.3 | | 7.8 | 8.7 | 99 | | 0.06 | 8 | | 15.83 | 16.44 | 10.97 |
| 33.0 | 0927 | 7.0 | | | 1.16 | 14.2 | | 7.8 | 8.7 | 97 | | 0.05 | 8 | | 15.96 | 16.32 | 11.10 |
| 33.0 | 0927 | 8.0 | | | 1.17 | 14.4 | | 7.8 | 8.7 | 98 | | 0.06 | 9 | | 16.11 | 16.11 | 11.25 |
| 33.0 | 0927 | 9.0 | | | 1.29 | 16.3 | | 7.7 | 8.6 | 96 | | 0.07 | 10 | | 16.22 | 16.04 | 11.35 |
| 33.0 | 0927 | 10.0 | | | 1.43 | 18.5 | | 7.6 | 8.4 | 94 | | 0.09 | 12 | | 16.41 | 15.93 | 11.51 |
| 33.0 | 0927 | 11.0 | | | 1.49 | 19.4 | | 7.5 | 8.2 | 92 | | 0.12 | 15 | | 16.56 | 15.83 | 11.65 |
| 33.0 | 0927 | 12.0 | | | 1.57 | 20.6 | | 7.4 | 8.2 | 91 | | 0.15 | 18 | | 16.69 | 15.75 | 11.77 |
| 33.0 | 0927 | 13.0 | | | 1.81 | 24.2 | | 7.4 | 8.1 | 91 | | 0.16 | 20 | | 16.70 | 15.75 | 11.77 |
| 33.0 | 0927 | 14.0 | | | 1.84 | 24.8 | | 7.5 | 8.3 | 92 | | 0.21 | 25 | | 16.70 | 15.76 | 11.77 |
| 32.0 | 0937 | 1.0 | | | 1.34 | 17.0 | | 8.3 | 9.4 | 106 | | 0.06 | 8 | 1.4 | 15.35 | 16.62 | 10.57 |
| 32.0 | 0937 | 2.0 | 15.3 | 0.88 | 1.24 | 15.6 | 9.2 | 8.1 | 9.1 | 103 | 8.5 | 0.06 | 8 | | 15.56 | 16.54 | 10.74 |
| 32.0 | 0937 | 3.0 | | | 1.17 | 14.4 | | 8.1 | 9.0 | 102 | | 0.06 | 9 | | 15.77 | 16.40 | 10.94 |

South San Francisco Bay April 21, 1998 98111

| 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 | 0937 | 4.0 | | | 1.12 | 13.6 | | 8.1 | 9.0 | 102 | | 0.05 | 8 | | 15.92 | 16.29 | 11.07 |
| 32.0 | 0937 | 5.0 | | | 1.09 | 13.1 | | 8.1 | 9.1 | 103 | | 0.05 | 8 | | 16.07 | 16.16 | 11.21 |
| 32.0 | 0937 | 6.0 | | | 1.12 | 13.6 | | 8.3 | 9.3 | 104 | | 0.05 | 7 | | 16.19 | 15.99 | 11.34 |
| 32.0 | 0937 | 7.0 | | | 1.14 | 13.9 | | 8.2 | 9.3 | 104 | | 0.05 | 8 | | 16.31 | 15.90 | 11.45 |
| 32.0 | 0937 | 8.0 | | | 1.23 | 15.3 | | 8.0 | 9.0 | 100 | | 0.06 | 8 | | 16.46 | 15.83 | 11.57 |
| 32.0 | 0937 | 9.0 | | | 1.36 | 17.4 | | 7.6 | 8.5 | 94 | | 0.07 | 9 | | 16.77 | 15.68 | 11.84 |
| 32.0 | 0937 | 10.0 | | | 1.46 | 18.8 | | 7.3 | 8.1 | 90 | | 0.09 | 12 | | 17.12 | 15.48 | 12.15 |
| 32.0 | 0937 | 11.0 | | | 1.55 | 20.2 | | 7.2 | 7.9 | 88 | | 0.12 | 15 | | 17.37 | 15.34 | 12.36 |
| 32.0 | 0937 | 12.0 | 22.8 | 0.83 | 1.55 | 20.3 | | 7.3 | 8.0 | 90 | | 0.14 | 17 | | 17.50 | 15.27 | 12.48 |
| 31.0 | 0950 | 1.0 | | | 1.52 | 19.9 | | 8.7 | 9.9 | 111 | | 0.04 | 7 | 1.3 | 15.72 | 16.39 | 10.90 |
| 31.0 | 0950 | 2.0 | | | 1.54 | 20.1 | | 8.6 | 9.7 | 109 | | 0.04 | 6 | | 15.82 | 16.33 | 10.99 |
| 31.0 | 0950 | 3.0 | | | 1.54 | 20.1 | | 8.5 | 9.6 | 108 | | 0.04 | 6 | | 15.99 | 16.21 | 11.15 |
| 31.0 | 0950 | 4.0 | | | 1.46 | 18.9 | | 8.4 | 9.4 | 106 | | 0.04 | 6 | | 16.09 | 16.15 | 11.23 |
| 31.0 | 0950 | 5.0 | | | 1.34 | 17.0 | | 8.3 | 9.3 | 104 | | 0.04 | 7 | | 16.17 | 16.07 | 11.31 |
| 31.0 | 0950 | 6.0 | | | 1.19 | 14.7 | | 8.2 | 9.2 | 102 | | 0.04 | 7 | | 16.34 | 15.89 | 11.47 |
| 31.0 | 0950 | 7.0 | | | 1.15 | 14.1 | | 7.9 | 8.9 | 99 | | 0.04 | 7 | | 16.61 | 15.62 | 11.73 |
| 31.0 | 0950 | 8.0 | | | 1.35 | 17.2 | | 7.2 | 7.9 | 88 | | 0.05 | 7 | | 17.44 | 15.25 | 12.44 |
| 31.0 | 0950 | 9.0 | | | 1.57 | 20.7 | | 6.8 | 7.4 | 82 | | 0.06 | 9 | | 18.17 | 14.91 | 13.06 |
| 31.0 | 0950 | 10.0 | | | 1.69 | 22.5 | | 6.7 | 7.3 | 80 | | 0.10 | 14 | | 18.41 | 14.79 | 13.26 |
| 31.0 | 0950 | 11.0 | | | 1.74 | 23.2 | | 6.7 | 7.2 | 80 | | 0.13 | 16 | | 18.52 | 14.73 | 13.36 |
| 31.0 | 0950 | 12.0 | | | 1.77 | 23.6 | | 6.5 | 7.0 | 77 | | 0.13 | 16 | | 18.72 | 14.62 | 13.53 |
| 31.0 | 0950 | 13.0 | | | 1.78 | 23.9 | | 6.6 | 7.2 | 79 | | 0.13 | 17 | | 19.17 | 14.42 | 13.91 |
| 30.0 | 1006 | 1.0 | | | 1.22 | 15.2 | | 8.9 | 10.2 | 114 | | 0.04 | 6 | 1.0 | 16.38 | 15.86 | 11.51 |
| 30.0 | 1006 | 2.0 | 13.4 | 0.91 | 1.19 | 14.8 | 10.3 | 9.0 | 10.2 | 114 | 5.5 | 0.03 | 6 | | 16.38 | 15.86 | 11.51 |
| 30.0 | 1006 | 3.0 | | | 1.16 | 14.3 | | 9.0 | 10.2 | 114 | | 0.04 | 6 | | 16.38 | 15.87 | 11.51 |
| 30.0 | 1006 | 4.0 | | | 1.10 | 13.3 | | 8.9 | 10.1 | 113 | | 0.03 | 6 | | 16.41 | 15.85 | 11.53 |
| 30.0 | 1006 | 5.0 | | | 1.06 | 12.8 | | 8.8 | 10.0 | 112 | | 0.04 | 6 | | 16.46 | 15.87 | 11.57 |
| 30.0 | 1006 | 6.0 | | | 1.04 | 12.3 | | 8.8 | 10.0 | 112 | | 0.04 | 6 | | 16.60 | 15.74 | 11.70 |
| 30.0 | 1006 | 7.0 | | | 1.05 | 12.5 | | 8.8 | 10.1 | 112 | | 0.04 | 6 | | 16.66 | 15.64 | 11.76 |
| 30.0 | 1006 | 8.0 | | | 1.11 | 13.4 | | 8.6 | 9.7 | 108 | | 0.04 | 6 | | 16.75 | 15.64 | 11.83 |
| 30.0 | 1006 | 9.0 | | | 1.18 | 14.5 | | 8.1 | 9.1 | 101 | | 0.04 | 6 | | 16.91 | 15.55 | 11.97 |
| 30.0 | 1006 | 10.0 | | | 1.29 | 16.2 | | 7.3 | 8.0 | 89 | | 0.05 | 7 | | 17.56 | 15.22 | 12.53 |
| 30.0 | 1006 | 11.0 | | | 1.37 | 17.6 | | 6.7 | 7.3 | 80 | | 0.05 | 8 | | 19.43 | 14.34 | 14.13 |
| 30.0 | 1006 | 12.0 | | | 1.47 | 19.0 | | 6.5 | 6.9 | 76 | | 0.08 | 11 | | 20.16 | 14.07 | 14.74 |
| 30.0 | 1006 | 13.0 | | | 1.76 | 23.5 | | 6.3 | 6.7 | 74 | | 0.10 | 13 | | 20.50 | 13.92 | 15.03 |
| 30.0 | 1006 | 14.0 | 28.4 | 0.88 | 1.80 | 24.2 | | 6.7 | 7.2 | 79 | | 0.13 | 17 | | 20.54 | 13.90 | 15.06 |
| 29.5 | 1020 | 1.0 | | | 1.38 | 17.7 | | 9.0 | 10.3 | 116 | | 0.04 | 7 | 0.9 | 16.56 | 16.06 | 11.61 |
| 29.5 | 1020 | 2.0 | | | 1.43 | 18.5 | | 8.9 | 10.2 | 114 | | 0.04 | 6 | | 16.56 | 15.87 | 11.65 |
| 29.5 | 1020 | 3.0 | | | 1.35 | 17.2 | | 8.9 | 10.1 | 113 | | 0.04 | 6 | | 16.54 | 15.71 | 11.66 |
| 29.5 | 1020 | 4.0 | | | 1.24 | 15.5 | | 8.8 | 10.0 | 112 | | 0.03 | 6 | | 16.56 | 15.68 | 11.68 |

South San Francisco Bay | April 21, 1998 | 98111

| 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 | 1020 | 5.0 | | | 1.15 | 14.2 | | 8.7 | 9.9 | 110 | | 0.03 | 6 | | 16.60 | 15.66 | 11.71 |
| 29.5 | 1020 | 6.0 | | | 1.09 | 13.1 | | 8.6 | 9.8 | 109 | | 0.03 | 6 | | 16.68 | 15.65 | 11.78 |
| 29.5 | 1020 | 7.0 | | | 0.97 | 11.4 | | 8.4 | 9.5 | 106 | | 0.03 | 6 | | 16.76 | 15.67 | 11.83 |
| 29.5 | 1020 | 8.0 | | | 0.96 | 11.2 | | 7.7 | 8.6 | 96 | | 0.04 | 6 | | 17.06 | 15.54 | 12.09 |
| 29.5 | 1020 | 9.0 | | | 1.04 | 12.5 | | 7.2 | 7.9 | 87 | | 0.04 | 6 | | 18.50 | 14.79 | 13.33 |
| 29.5 | 1020 | 10.0 | | | 1.13 | 13.8 | | 6.9 | 7.5 | 82 | | 0.05 | 7 | | 19.62 | 14.27 | 14.29 |
| 29.5 | 1020 | 11.0 | | | 1.25 | 15.6 | | 6.6 | 7.2 | 79 | | 0.06 | 9 | | 20.10 | 14.15 | 14.68 |
| 29.5 | 1020 | 12.0 | | | 1.32 | 16.8 | | 6.5 | 7.0 | 77 | | 0.07 | 10 | | 20.38 | 14.03 | 14.91 |
| 29.5 | 1020 | 13.0 | | | 1.41 | 18.1 | | 6.3 | 6.7 | 74 | | 0.08 | 11 | | 20.63 | 13.92 | 15.13 |
| 29.5 | 1020 | 14.0 | | | 1.61 | 21.2 | | 6.1 | 6.5 | 71 | | 0.10 | 13 | | 21.30 | 13.68 | 15.68 |
| 29.5 | 1020 | 15.0 | | | 1.84 | 24.8 | | 6.0 | 6.3 | 70 | | 0.12 | 16 | | 21.64 | 13.57 | 15.97 |
| 29.5 | 1020 | 16.0 | | | 1.85 | 25.0 | | 6.1 | 6.4 | 71 | | 0.18 | 22 | | 21.67 | 13.57 | 15.99 |
| 29.0 | 1032 | 1.0 | | | 0.90 | 10.2 | | 8.9 | 10.1 | 115 | | 0.05 | 8 | 1.0 | 16.61 | 16.42 | 11.57 |
| 29.0 | 1032 | 2.0 | | | 0.96 | 11.2 | | 8.8 | 10.1 | 114 | | 0.05 | 7 | | 16.61 | 16.38 | 11.58 |
| 29.0 | 1032 | 3.0 | | | 1.00 | 11.8 | | 8.5 | 9.7 | 109 | | 0.05 | 7 | | 16.63 | 16.31 | 11.61 |
| 29.0 | 1032 | 4.0 | | | 1.05 | 12.5 | | 8.7 | 9.9 | 110 | | 0.05 | 7 | | 16.71 | 15.69 | 11.79 |
| 29.0 | 1032 | 5.0 | | | 1.08 | 13.1 | | 8.8 | 9.9 | 111 | | 0.04 | 6 | | 16.77 | 15.54 | 11.87 |
| 29.0 | 1032 | 6.0 | | | 1.09 | 13.1 | | 8.7 | 9.9 | 110 | | 0.04 | 6 | | 16.82 | 15.50 | 11.91 |
| 29.0 | 1032 | 7.0 | | | 1.10 | 13.3 | | 8.6 | 9.7 | 108 | | 0.03 | 6 | | 16.90 | 15.36 | 11.99 |
| 29.0 | 1032 | 8.0 | | | 1.05 | 12.6 | | 8.3 | 9.3 | 103 | | 0.03 | 6 | | 17.52 | 15.14 | 12.51 |
| 29.0 | 1032 | 9.0 | | | 1.03 | 12.2 | | 7.5 | 8.3 | 92 | | 0.04 | 6 | | 17.86 | 15.02 | 12.80 |
| 29.0 | 1032 | 10.0 | | | 1.08 | 13.1 | | 6.9 | 7.5 | 83 | | 0.04 | 6 | | 19.73 | 14.24 | 14.38 |
| 29.0 | 1032 | 11.0 | | | 1.15 | 14.0 | | 6.5 | 7.0 | 77 | | 0.05 | 7 | | 20.40 | 14.01 | 14.94 |
| 29.0 | 1032 | 12.0 | | | 1.33 | 16.9 | | 6.3 | 6.7 | 74 | | 0.06 | 8 | | 21.02 | 13.78 | 15.45 |
| 29.0 | 1032 | 13.0 | | | 1.59 | 20.9 | | 6.2 | 6.5 | 72 | | 0.08 | 11 | | 21.67 | 13.58 | 15.99 |
| 29.0 | 1032 | 14.0 | | | 1.86 | 25.1 | | 6.1 | 6.4 | 71 | | 0.13 | 16 | | 21.71 | 13.56 | 16.02 |
| 29.0 | 1032 | 15.0 | | | 1.86 | 25.1 | | 6.3 | 6.7 | 74 | | 0.22 | 26 | | 21.74 | 13.56 | 16.05 |
| 28.0 | 1046 | 1.0 | | | 1.01 | 12.0 | | 9.3 | 10.7 | 119 | | 0.04 | 6 | 1.0 | 16.76 | 15.77 | 11.81 |
| 28.0 | 1046 | 2.0 | | | 1.03 | 12.3 | | 9.4 | 10.7 | 120 | | 0.03 | 6 | | 16.80 | 15.60 | 11.87 |
| 28.0 | 1046 | 3.0 | | | 1.07 | 12.8 | | 9.2 | 10.6 | 117 | | 0.04 | 6 | | 16.85 | 15.45 | 11.95 |
| 28.0 | 1046 | 4.0 | | | 1.08 | 13.1 | | 9.1 | 10.5 | 116 | | 0.03 | 6 | | 16.89 | 15.38 | 11.99 |
| 28.0 | 1046 | 5.0 | | | 1.04 | 12.4 | | 9.1 | 10.4 | 115 | | 0.03 | 5 | | 16.90 | 15.33 | 12.01 |
| 28.0 | 1046 | 6.0 | | | 1.01 | 12.0 | | 9.1 | 10.4 | 116 | | 0.03 | 6 | | 16.91 | 15.23 | 12.03 |
| 28.0 | 1046 | 7.0 | | | 1.00 | 11.8 | | 9.0 | 10.3 | 114 | | 0.04 | 6 | | 16.93 | 15.18 | 12.06 |
| 28.0 | 1046 | 8.0 | | | 0.96 | 11.2 | | 8.7 | 9.9 | 109 | | 0.04 | 6 | | 17.22 | 14.95 | 12.32 |
| 28.0 | 1046 | 9.0 | | | 0.94 | 10.8 | | 7.6 | 8.5 | 94 | | 0.04 | 6 | | 18.18 | 14.68 | 13.11 |
| 28.0 | 1046 | 10.0 | | | 1.00 | 11.7 | | 7.0 | 7.6 | 84 | | 0.04 | 7 | | 20.59 | 13.94 | 15.10 |
| 28.0 | 1046 | 11.0 | | | 1.09 | 13.2 | | 6.6 | 7.1 | 79 | | 0.05 | 7 | | 21.62 | 13.65 | 15.94 |
| 28.0 | 1046 | 12.0 | | | 1.19 | 14.7 | | 6.4 | 6.9 | 76 | | 0.06 | 9 | | 21.96 | 13.54 | 16.22 |
| 28.0 | 1046 | 13.0 | | | 1.35 | 17.2 | | 6.4 | 6.8 | 75 | | 0.08 | 11 | | 22.18 | 13.47 | 16.40 |
| 28.0 | 1046 | 14.0 | | | 1.52 | 19.9 | | 6.3 | 6.7 | 74 | | 0.12 | 15 | | 22.24 | 13.45 | 16.45 |

South San Francisco Bay April 21, 1998 98111

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 28.0 | 1046 | 15.0 | | | 1.52 | 19.8 | | 6.4 | 6.8 | 76 | | 0.14 | 17 | | 22.30 | 13.44 | 16.50 |
| 27.0 | 1058 | 1.0 | | | 0.91 | 10.4 | | 9.4 | 10.8 | 121 | | 0.04 | 6 | 1.0 | 16.84 | 15.60 | 11.91 |
| 27.0 | 1058 | 2.0 | 9.2 | 0.86 | 0.96 | 11.2 | 10.6 | 9.1 | 10.5 | 117 | 6.5 | 0.03 | 5 | | 16.88 | 15.55 | 11.95 |
| 27.0 | 1058 | 3.0 | | | 0.95 | 11.0 | | 9.0 | 10.3 | 114 | | 0.03 | 5 | | 17.15 | 15.20 | 12.22 |
| 27.0 | 1058 | 4.0 | | | 0.90 | 10.2 | | 9.0 | 10.3 | 114 | | 0.03 | 5 | | 17.32 | 15.04 | 12.38 |
| 27.0 | 1058 | 5.0 | | | 0.85 | 9.5 | | 8.6 | 9.8 | 108 | | 0.03 | 5 | | 17.51 | 15.04 | 12.52 |
| 27.0 | 1058 | 6.0 | | | 0.88 | 9.9 | | 8.0 | 9.0 | 100 | | 0.04 | 6 | | 18.01 | 14.88 | 12.94 |
| 27.0 | 1058 | 7.0 | | | 0.95 | 11.0 | | 7.2 | 7.9 | 87 | | 0.04 | 6 | | 18.96 | 14.55 | 13.73 |
| 27.0 | 1058 | 8.0 | | | 1.01 | 12.0 | | 6.6 | 7.2 | 79 | | 0.05 | 7 | | 21.28 | 13.75 | 15.66 |
| 27.0 | 1058 | 9.0 | | | 1.09 | 13.1 | | 6.4 | 6.9 | 76 | | 0.07 | 10 | | 22.43 | 13.44 | 16.60 |
| 27.0 | 1058 | 10.0 | | | 1.13 | 13.7 | | 6.4 | 6.8 | 75 | | 0.08 | 11 | | 22.67 | 13.37 | 16.79 |
| 27.0 | 1058 | 11.0 | | | 1.22 | 15.2 | | 6.3 | 6.7 | 74 | | 0.09 | 12 | | 22.73 | 13.35 | 16.85 |
| 27.0 | 1058 | 12.0 | 19.1 | 0.87 | 1.25 | 15.7 | | 6.4 | 6.9 | 76 | | 0.09 | 12 | | 22.76 | 13.35 | 16.87 |
| 26.0 | 1110 | 1.0 | | | 0.89 | 10.1 | | 9.2 | 10.6 | 118 | | 0.03 | 6 | 0.9 | 16.83 | 15.49 | 11.92 |
| 26.0 | 1110 | 2.0 | | | 1.03 | 12.3 | | 9.7 | 11.2 | 123 | | 0.03 | 5 | | 16.82 | 14.98 | 12.01 |
| 26.0 | 1110 | 3.0 | | | 1.23 | 15.4 | | 9.6 | 11.0 | 121 | | 0.03 | 5 | | 16.89 | 14.95 | 12.07 |
| 26.0 | 1110 | 4.0 | | | 1.29 | 16.3 | | 9.3 | 10.7 | 118 | | 0.03 | 5 | | 16.97 | 14.90 | 12.14 |
| 26.0 | 1110 | 5.0 | | | 1.22 | 15.2 | | 9.0 | 10.3 | 114 | | 0.04 | 6 | | 17.30 | 14.90 | 12.40 |
| 26.0 | 1110 | 6.0 | | | 1.06 | 12.7 | | 8.2 | 9.3 | 102 | | 0.05 | 7 | | 18.11 | 14.70 | 13.05 |
| 26.0 | 1110 | 7.0 | | | 0.96 | 11.1 | | 7.5 | 8.3 | 91 | | 0.05 | 8 | | 20.40 | 13.97 | 14.94 |
| 26.0 | 1110 | 8.0 | | | 0.90 | 10.2 | | 7.1 | 7.8 | 86 | | 0.05 | 8 | | 21.88 | 13.59 | 16.15 |
| 26.0 | 1110 | 9.0 | | | 0.91 | 10.5 | | 6.9 | 7.5 | 83 | | 0.05 | 7 | | 22.58 | 13.40 | 16.73 |
| 26.0 | 1110 | 10.0 | | | 0.94 | 10.9 | | 7.1 | 7.7 | 85 | | 0.06 | 8 | | 22.76 | 13.35 | 16.87 |
| 25.0 | 1125 | 1.0 | | | 0.87 | 9.7 | | 9.7 | 11.2 | 123 | | 0.03 | 5 | 0.8 | 17.04 | 15.10 | 12.16 |
| 25.0 | 1125 | 2.0 | | | 0.97 | 11.3 | | 9.7 | 11.2 | 123 | | 0.03 | 5 | | 17.18 | 14.94 | 12.29 |
| 25.0 | 1125 | 3.0 | | | 1.07 | 12.9 | | 9.5 | 10.9 | 120 | | 0.03 | 5 | | 17.28 | 14.93 | 12.37 |
| 25.0 | 1125 | 4.0 | | | 1.03 | 12.2 | | 8.5 | 9.6 | 106 | | 0.03 | 5 | | 17.58 | 14.98 | 12.59 |
| 25.0 | 1125 | 5.0 | | | 1.00 | 11.8 | | 7.5 | 8.3 | 92 | | 0.03 | 5 | | 19.65 | 14.23 | 14.32 |
| 25.0 | 1125 | 6.0 | | | 0.94 | 10.8 | | 7.0 | 7.7 | 85 | | 0.04 | 6 | | 23.00 | 13.33 | 17.06 |
| 25.0 | 1125 | 7.0 | | | 0.76 | 8.0 | | 6.9 | 7.6 | 84 | | 0.05 | 8 | | 23.59 | 13.21 | 17.53 |
| 25.0 | 1125 | 8.0 | | | 0.75 | 7.9 | | 7.3 | 8.0 | 89 | | 0.05 | 8 | | 23.88 | 13.15 | 17.77 |
| 24.0 | 1130 | 1.0 | | | 0.63 | 6.1 | | 9.9 | 11.4 | 127 | | 0.02 | 4 | | 16.00 | 15.88 | 11.22 |
| 24.0 | 1130 | 2.0 | 5.3 | 0.87 | 0.70 | 7.2 | 11.2 | 9.9 | 11.4 | 127 | 3.7 | 0.02 | 4 | | 16.58 | 15.36 | 11.76 |
| 24.0 | 1130 | 3.0 | | | 0.84 | 9.2 | | 9.6 | 11.0 | 122 | | 0.02 | 5 | | 16.95 | 15.23 | 12.07 |
| 24.0 | 1130 | 4.0 | | | 0.95 | 11.0 | | 8.8 | 9.9 | 110 | | 0.03 | 5 | | 17.42 | 15.14 | 12.44 |
| 24.0 | 1130 | 5.0 | | | 0.93 | 10.7 | | 8.3 | 9.4 | 104 | | 0.03 | 5 | | 19.39 | 14.33 | 14.10 |
| 24.0 | 1130 | 6.0 | | | 0.81 | 8.8 | | 7.7 | 8.6 | 95 | | 0.03 | 5 | | 20.29 | 13.98 | 14.85 |
| 24.0 | 1130 | 7.0 | | | 0.69 | 6.9 | | 7.2 | 7.9 | 87 | | 0.03 | 5 | | 23.16 | 13.28 | 17.19 |
| 24.0 | 1130 | 8.0 | | | 0.59 | 5.4 | | 6.9 | 7.5 | 83 | | 0.03 | 5 | | 24.37 | 13.03 | 18.17 |

South San Francisco Bay April 21, 1998 98111

| 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 | 1130 | 9.0 | | | 0.60 | 5.5 | | 6.8 | 7.4 | 82 | | 0.04 | 6 | | 24.55 | 12.99 | 18.32 |
| 24.0 | 1130 | 10.0 | 9.0 | 0.76 | 0.62 | 5.9 | | 7.2 | 7.8 | 87 | | 0.05 | 8 | | 24.60 | 12.99 | 18.36 |
| 23.0 | 1153 | 1.0 | | | 0.99 | 11.6 | | 9.8 | 11.3 | 126 | | 0.03 | 5 | 1.0 | 16.51 | 15.35 | 11.71 |
| 23.0 | 1153 | 2.0 | | | 1.08 | 13.1 | | 10.0 | 11.6 | 128 | | 0.03 | 5 | | 16.75 | 15.13 | 11.93 |
| 23.0 | 1153 | 3.0 | | | 1.17 | 14.4 | | 10.1 | 11.8 | 130 | | 0.03 | 5 | | 16.82 | 15.05 | 11.99 |
| 23.0 | 1153 | 4.0 | | | 1.20 | 14.8 | | 10.2 | 11.8 | 130 | | 0.03 | 5 | | 16.80 | 15.05 | 11.98 |
| 23.0 | 1153 | 5.0 | | | 1.18 | 14.6 | | 10.2 | 11.8 | 131 | | 0.03 | 6 | | 16.89 | 15.10 | 12.05 |
| 23.0 | 1153 | 6.0 | | | 1.22 | 15.2 | | 10.0 | 11.6 | 128 | | 0.03 | 6 | | 16.89 | 15.07 | 12.05 |
| 23.0 | 1153 | 7.0 | | | 1.28 | 16.1 | | 9.5 | 10.9 | 121 | | 0.03 | 6 | | 17.58 | 15.05 | 12.58 |
| 23.0 | 1153 | 8.0 | | | 1.18 | 14.5 | | 9.1 | 10.5 | 116 | | 0.03 | 6 | | 18.07 | 14.83 | 13.00 |
| 23.0 | 1153 | 9.0 | | | 0.95 | 10.9 | | 8.1 | 9.1 | 100 | | 0.03 | 5 | | 18.65 | 14.49 | 13.50 |
| 23.0 | 1153 | 10.0 | | | 0.74 | 7.8 | | 7.4 | 8.1 | 90 | | 0.03 | 5 | | 22.10 | 13.47 | 16.34 |
| 23.0 | 1153 | 11.0 | | | 0.67 | 6.7 | | 7.0 | 7.6 | 84 | | 0.04 | 6 | | 24.70 | 12.95 | 18.44 |
| 23.0 | 1153 | 12.0 | | | 0.73 | 7.6 | | 6.8 | 7.4 | 82 | | 0.09 | 11 | | 24.97 | 12.89 | 18.65 |
| 23.0 | 1153 | 13.0 | | | 0.85 | 9.5 | | 6.8 | 7.3 | 81 | | 0.14 | 17 | | 25.06 | 12.88 | 18.73 |
| 23.0 | 1153 | 14.0 | | | 0.85 | 9.5 | | 6.8 | 7.4 | 82 | | 0.15 | 19 | | 25.11 | 12.87 | 18.77 |
| 23.0 | 1153 | 15.0 | | | 0.82 | 9.0 | | 6.9 | 7.6 | 84 | | 0.22 | 26 | | 25.11 | 12.87 | 18.77 |
| 22.0 | 1211 | 1.0 | | | 0.67 | 6.7 | | 9.6 | 11.1 | 124 | | 0.02 | 5 | 0.8 | 16.83 | 15.61 | 11.90 |
| 22.0 | 1211 | 2.0 | | | 0.78 | 8.3 | | 9.4 | 10.9 | 121 | | 0.03 | 5 | | 17.41 | 15.16 | 12.43 |
| 22.0 | 1211 | 3.0 | | | 0.83 | 9.1 | | 9.0 | 10.2 | 113 | | 0.03 | 5 | | 18.00 | 14.87 | 12.93 |
| 22.0 | 1211 | 4.0 | | | 0.78 | 8.4 | | 8.5 | 9.6 | 106 | | 0.03 | 5 | | 19.11 | 14.41 | 13.87 |
| 22.0 | 1211 | 5.0 | | | 0.66 | 6.5 | | 8.1 | 9.0 | 99 | | 0.03 | 5 | | 20.18 | 13.98 | 14.77 |
| 22.0 | 1211 | 6.0 | | | 0.53 | 4.5 | | 7.6 | 8.4 | 92 | | 0.03 | 5 | | 21.78 | 13.57 | 16.08 |
| 22.0 | 1211 | 7.0 | | | 0.45 | 3.3 | | 7.4 | 8.1 | 90 | | 0.03 | 5 | | 23.69 | 13.18 | 17.62 |
| 22.0 | 1211 | 8.0 | | | 0.45 | 3.3 | | 7.2 | 7.9 | 87 | | 0.03 | 5 | | 24.17 | 13.08 | 18.00 |
| 22.0 | 1211 | 9.0 | | | 0.45 | 3.2 | | 7.1 | 7.7 | 86 | | 0.03 | 5 | | 24.65 | 12.98 | 18.39 |
| 22.0 | 1211 | 10.0 | | | 0.42 | 2.7 | | 7.0 | 7.6 | 85 | | 0.03 | 5 | | 25.13 | 12.89 | 18.78 |
| 22.0 | 1211 | 11.0 | | | 0.39 | 2.4 | | 7.0 | 7.6 | 84 | | 0.03 | 6 | | 25.46 | 12.82 | 19.05 |
| 22.0 | 1211 | 12.0 | | | 0.37 | 2.1 | | 6.9 | 7.5 | 83 | | 0.04 | 6 | | 25.65 | 12.79 | 19.20 |
| 22.0 | 1211 | 13.0 | | | 0.36 | 1.9 | | 6.8 | 7.4 | 82 | | 0.03 | 6 | | 25.91 | 12.74 | 19.41 |
| 22.0 | 1211 | 14.0 | | | 0.36 | 1.9 | | 6.7 | 7.2 | 80 | | 0.04 | 6 | | 26.75 | 12.57 | 20.09 |
| 22.0 | 1211 | 15.0 | | | 0.38 | 2.2 | | 6.5 | 7.0 | 78 | | 0.05 | 7 | | 27.73 | 12.38 | 20.88 |
| 22.0 | 1211 | 16.0 | | | 0.39 | 2.4 | | 6.5 | 6.9 | 78 | | 0.06 | 9 | | 28.32 | 12.27 | 21.35 |
| 22.0 | 1211 | 17.0 | | | 0.42 | 2.8 | | 6.4 | 6.9 | 77 | | 0.07 | 10 | | 28.45 | 12.25 | 21.46 |
| 22.0 | 1211 | 18.0 | | | 0.43 | 2.9 | | 6.4 | 6.9 | 77 | | 0.10 | 13 | | 28.55 | 12.24 | 21.54 |
| 21.0 | 1225 | 1.0 | | | 0.90 | 10.3 | | 9.9 | 11.5 | 129 | | 0.03 | 5 | 1.1 | 16.79 | 16.13 | 11.77 |
| 21.0 | 1225 | 2.0 | 6.2 | 0.90 | 0.99 | 11.6 | 11.2 | 9.7 | 11.2 | 125 | 4.8 | 0.03 | 5 | | 16.97 | 15.44 | 12.03 |
| 21.0 | 1225 | 3.0 | | | 1.05 | 12.6 | | 9.3 | 10.7 | 119 | | 0.04 | 6 | | 18.04 | 14.91 | 12.96 |
| 21.0 | 1225 | 4.0 | | | 1.05 | 12.6 | | 8.8 | 10.0 | 111 | | 0.04 | 6 | | 18.58 | 14.82 | 13.39 |
| 21.0 | 1225 | 5.0 | | | 0.94 | 10.8 | | 8.1 | 9.1 | 101 | | 0.04 | 6 | | 18.78 | 14.56 | 13.59 |

South San Francisco Bay April 21, 1998 98111

| 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 | 1225 | 6.0 | | | 0.73 | 7.6 | | 7.7 | 8.6 | 95 | | 0.04 | 6 | | 21.57 | 13.63 | 15.91 |
| 21.0 | 1225 | 7.0 | | | 0.66 | 6.5 | | 7.3 | 8.1 | 89 | | 0.05 | 7 | | 23.51 | 13.24 | 17.47 |
| 21.0 | 1225 | 8.0 | | | 0.60 | 5.6 | | 7.2 | 7.9 | 87 | | 0.07 | 9 | | 24.63 | 13.01 | 18.37 |
| 21.0 | 1225 | 9.0 | | | 0.52 | 4.4 | | 7.1 | 7.7 | 86 | | 0.08 | 11 | | 24.97 | 12.93 | 18.65 |
| 21.0 | 1225 | 10.0 | | | 0.48 | 3.7 | | 6.9 | 7.5 | 83 | | 0.07 | 9 | | 25.45 | 12.82 | 19.05 |
| 21.0 | 1225 | 11.0 | | | 0.45 | 3.2 | | 6.8 | 7.3 | 81 | | 0.06 | 9 | | 26.54 | 12.60 | 19.92 |
| 21.0 | 1225 | 12.0 | | | 0.42 | 2.8 | | 6.7 | 7.3 | 81 | | 0.05 | 8 | | 27.11 | 12.50 | 20.38 |
| 21.0 | 1225 | 13.0 | | | 0.41 | 2.6 | | 6.7 | 7.2 | 81 | | 0.06 | 8 | | 27.25 | 12.48 | 20.49 |
| 21.0 | 1225 | 14.0 | | | 0.43 | 3.0 | | 6.7 | 7.2 | 81 | | 0.06 | 9 | | 27.28 | 12.47 | 20.52 |
| 21.0 | 1225 | 15.0 | | | 0.47 | 3.6 | | 6.7 | 7.2 | 81 | | 0.07 | 10 | | 27.33 | 12.46 | 20.56 |
| 21.0 | 1225 | 16.0 | | | 0.48 | 3.8 | | 6.7 | 7.2 | 81 | | 0.08 | 11 | | 27.34 | 12.46 | 20.56 |
| 21.0 | 1225 | 17.0 | 6.5 | 0.62 | 0.48 | 3.8 | | 6.7 | 7.3 | 81 | | 0.09 | 12 | | 27.34 | 12.46 | 20.57 |

| | n | r^2 | Slope | Inter. | Std. Err. |
|---|---|---|---|---|---|
| Fluorometer Calibration: | 12 | 0.828 | 15.472 | -3.688 | 3.283 |
| OBS Calibration: | 6 | 0.997 | 110.549 | 1.922 | 0.639 |
| Dissolved Oxygen Calibration: | 6 | 0.994 | 1.321 | -1.617 | 0.125 |

SeaBird v4.026

South San Francisco Bay April 28, 1998 98118

| 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 | 1429 | 1.0 | | | 2.98 | 34.6 | | 6.7 | 7.7 | 90 | | 0.83 | 144 | 5.5 | 15.66 | 18.57 | 10.40 |
| 36.0 | 1429 | 2.0 | 32.0 | 0.67 | 3.02 | 35.1 | 7.7 | 6.8 | 7.8 | 91 | 144.0 | 0.83 | 144 | | 15.86 | 18.26 | 10.62 |
| 36.0 | 1429 | 3.0 | | | 3.08 | 36.0 | | 6.7 | 7.7 | 91 | | 0.86 | 150 | | 15.97 | 18.20 | 10.71 |
| 36.0 | 1429 | 4.0 | | | 3.08 | 35.9 | | 6.7 | 7.7 | 90 | | 0.99 | 170 | | 16.18 | 18.03 | 10.91 |
| 36.0 | 1429 | 5.0 | | | 3.13 | 36.6 | | 6.7 | 7.8 | 90 | | 1.20 | 206 | | 16.26 | 17.93 | 10.99 |
| 36.0 | 1429 | 6.0 | 25.5 | 0.50 | 3.15 | 36.9 | | 6.8 | 7.8 | 91 | | 1.56 | 266 | | 16.27 | 17.91 | 11.00 |
| 35.0 | 1418 | 1.0 | | | 2.64 | 30.1 | | 7.0 | 8.1 | 94 | | 1.16 | 199 | 8.6 | 16.69 | 17.72 | 11.37 |
| 35.0 | 1418 | 2.0 | | | 2.66 | 30.3 | | 7.0 | 8.1 | 94 | | 1.16 | 199 | | 16.69 | 17.68 | 11.37 |
| 35.0 | 1418 | 3.0 | | | 2.77 | 31.9 | | 6.9 | 8.0 | 93 | | 1.21 | 207 | | 16.67 | 17.63 | 11.37 |
| 35.0 | 1418 | 4.0 | | | 2.88 | 33.2 | | 6.9 | 7.9 | 92 | | 1.33 | 228 | | 16.56 | 17.62 | 11.29 |
| 35.0 | 1418 | 5.0 | | | 2.95 | 34.3 | | 6.8 | 7.9 | 92 | | 1.76 | 299 | | 16.56 | 17.62 | 11.29 |
| 35.0 | 1418 | 6.0 | | | 3.03 | 35.3 | | 6.8 | 7.9 | 91 | | 1.88 | 321 | | 16.55 | 17.62 | 11.28 |
| 35.0 | 1418 | 7.0 | | | 3.03 | 35.3 | | 6.8 | 7.8 | 91 | | 2.30 | 391 | | 16.50 | 17.62 | 11.24 |
| 35.0 | 1418 | 8.0 | | | 3.02 | 35.1 | | 6.8 | 7.9 | 91 | | 2.73 | 462 | | 16.50 | 17.62 | 11.24 |
| 34.0 | 1403 | 1.0 | | | 2.31 | 25.5 | | 6.8 | 7.9 | 92 | | 0.92 | 159 | 7.7 | 16.77 | 17.42 | 11.49 |
| 34.0 | 1403 | 2.0 | | | 2.36 | 26.3 | | 6.8 | 7.8 | 91 | | 0.82 | 142 | | 16.77 | 17.40 | 11.50 |
| 34.0 | 1403 | 3.0 | | | 2.62 | 29.8 | | 6.8 | 7.9 | 91 | | 0.88 | 153 | | 16.99 | 17.26 | 11.69 |
| 34.0 | 1403 | 4.0 | | | 2.89 | 33.4 | | 6.8 | 7.8 | 91 | | 1.14 | 195 | | 17.05 | 17.24 | 11.74 |
| 34.0 | 1403 | 5.0 | | | 3.04 | 35.4 | | 6.8 | 7.9 | 91 | | 1.56 | 266 | | 17.10 | 17.21 | 11.78 |
| 34.0 | 1403 | 6.0 | | | 3.03 | 35.4 | | 6.8 | 7.8 | 90 | | 2.07 | 352 | | 17.05 | 17.23 | 11.74 |
| 34.0 | 1403 | 7.0 | | | 2.91 | 33.7 | | 6.8 | 7.8 | 90 | | 3.16 | 535 | | 16.97 | 17.26 | 11.68 |
| 34.0 | 1403 | 8.0 | | | 2.89 | 33.4 | | 6.8 | 7.8 | 90 | | 6.86 | 1153 | | 16.93 | 17.28 | 11.64 |
| 33.0 | 1349 | 1.0 | | | 1.88 | 19.8 | | 7.3 | 8.6 | 101 | | 0.10 | 21 | 2.3 | 17.27 | 18.04 | 11.74 |
| 33.0 | 1349 | 2.0 | | | 2.01 | 21.6 | | 7.3 | 8.4 | 98 | | 0.17 | 33 | | 17.40 | 17.12 | 12.03 |
| 33.0 | 1349 | 3.0 | | | 2.15 | 23.5 | | 7.2 | 8.4 | 96 | | 0.34 | 62 | | 17.43 | 17.07 | 12.06 |
| 33.0 | 1349 | 4.0 | | | 2.28 | 25.1 | | 7.2 | 8.3 | 96 | | 0.52 | 92 | | 17.46 | 17.03 | 12.09 |
| 33.0 | 1349 | 5.0 | | | 2.33 | 25.9 | | 7.2 | 8.3 | 96 | | 0.67 | 117 | | 17.46 | 17.03 | 12.10 |
| 33.0 | 1349 | 6.0 | | | 2.35 | 26.1 | | 7.3 | 8.5 | 98 | | 0.80 | 139 | | 17.50 | 16.99 | 12.14 |
| 32.0 | 1338 | 1.0 | | | 2.01 | 21.5 | | 7.3 | 8.6 | 103 | | 0.09 | 20 | 1.8 | 16.95 | 19.61 | 11.14 |
| 32.0 | 1338 | 2.0 | 16.1 | 0.81 | 2.15 | 23.4 | | 7.7 | 9.0 | 105 | 17.1 | 0.09 | 20 | | 17.30 | 17.53 | 11.87 |
| 32.0 | 1338 | 3.0 | | | 2.11 | 22.9 | | 7.6 | 9.0 | 104 | | 0.10 | 22 | | 17.29 | 17.40 | 11.89 |
| 32.0 | 1338 | 4.0 | | | 1.95 | 20.7 | | 7.4 | 8.6 | 100 | | 0.12 | 25 | | 17.32 | 17.34 | 11.92 |
| 32.0 | 1338 | 5.0 | | | 1.83 | 19.1 | | 7.1 | 8.2 | 95 | | 0.14 | 28 | | 17.59 | 16.96 | 12.21 |
| 32.0 | 1338 | 6.0 | | | 1.98 | 21.1 | | 7.0 | 8.2 | 94 | | 0.21 | 40 | | 17.86 | 16.77 | 12.46 |
| 32.0 | 1338 | 7.0 | | | 2.27 | 25.0 | | 7.0 | 8.1 | 94 | | 0.37 | 66 | | 17.85 | 16.77 | 12.45 |
| 32.0 | 1338 | 8.0 | | | 2.59 | 29.3 | | 7.0 | 8.1 | 94 | | 0.61 | 107 | | 17.84 | 16.78 | 12.44 |
| 32.0 | 1338 | 9.0 | | | 2.96 | 34.3 | | 7.0 | 8.1 | 94 | | 1.17 | 200 | | 17.83 | 16.78 | 12.43 |
| 32.0 | 1338 | 10.0 | | | 3.24 | 38.2 | | 7.0 | 8.1 | 94 | | 1.65 | 281 | | 17.80 | 16.79 | 12.40 |
| 32.0 | 1338 | 11.0 | | | 3.44 | 40.8 | | 7.0 | 8.1 | 93 | | 2.71 | 458 | | 17.76 | 16.81 | 12.37 |

South San Francisco Bay April 28, 1998 98118

| 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 | 1338 | 12.0 | | | 3.64 | 43.6 | | 7.0 | 8.1 | 93 | | 3.84 | 648 | | 17.73 | 16.83 | 12.34 |
| 32.0 | 1338 | 13.0 | 67.4 | 0.36 | 3.66 | 43.8 | | 7.0 | 8.2 | 94 | | 6.42 | 1081 | | 17.73 | 16.83 | 12.34 |
| 31.0 | 1328 | 1.0 | | | 1.99 | 21.2 | | 7.2 | 8.4 | 97 | | 0.65 | 114 | 4.9 | 17.84 | 16.90 | 12.41 |
| 31.0 | 1328 | 2.0 | | | 2.04 | 21.9 | | 7.2 | 8.4 | 96 | | 0.66 | 115 | | 17.88 | 16.85 | 12.45 |
| 31.0 | 1328 | 3.0 | | | 2.11 | 23.0 | | 7.2 | 8.4 | 96 | | 0.69 | 120 | | 17.92 | 16.78 | 12.49 |
| 31.0 | 1328 | 4.0 | | | 2.21 | 24.3 | | 7.1 | 8.3 | 96 | | 0.71 | 124 | | 17.92 | 16.79 | 12.49 |
| 31.0 | 1328 | 5.0 | | | 2.38 | 26.6 | | 7.1 | 8.3 | 95 | | 0.73 | 128 | | 18.00 | 16.70 | 12.57 |
| 31.0 | 1328 | 6.0 | | | 2.57 | 29.1 | | 7.1 | 8.3 | 95 | | 0.87 | 150 | | 18.04 | 16.67 | 12.61 |
| 31.0 | 1328 | 7.0 | | | 2.64 | 30.0 | | 7.1 | 8.3 | 95 | | 1.17 | 200 | | 18.04 | 16.67 | 12.61 |
| 31.0 | 1328 | 8.0 | | | 2.63 | 29.9 | | 7.1 | 8.3 | 95 | | 1.41 | 241 | | 18.04 | 16.67 | 12.61 |
| 31.0 | 1328 | 9.0 | | | 2.69 | 30.7 | | 7.1 | 8.3 | 95 | | 1.50 | 256 | | 18.04 | 16.67 | 12.61 |
| 31.0 | 1328 | 10.0 | | | 2.77 | 31.8 | | 7.1 | 8.3 | 95 | | 1.56 | 265 | | 18.04 | 16.67 | 12.61 |
| 31.0 | 1328 | 11.0 | | | 2.85 | 32.9 | | 7.1 | 8.3 | 95 | | 1.65 | 281 | | 18.04 | 16.67 | 12.61 |
| 31.0 | 1328 | 12.0 | | | 2.95 | 34.2 | | 7.1 | 8.2 | 94 | | 1.89 | 322 | | 18.03 | 16.68 | 12.60 |
| 31.0 | 1328 | 13.0 | | | 3.04 | 35.4 | | 7.1 | 8.2 | 94 | | 2.14 | 364 | | 18.03 | 16.68 | 12.60 |
| 31.0 | 1328 | 14.0 | | | 3.05 | 35.5 | | 7.1 | 8.2 | 95 | | 2.48 | 421 | | 18.02 | 16.68 | 12.60 |
| 30.0 | 1255 | 1.0 | | | 1.70 | 17.4 | | 7.9 | 9.3 | 108 | | 0.08 | 18 | 2.1 | 18.22 | 17.19 | 12.64 |
| 30.0 | 1255 | 2.0 | 20.5 | 0.83 | 1.74 | 17.9 | 8.6 | 7.6 | 8.9 | 103 | 30.3 | 0.09 | 21 | | 18.38 | 16.58 | 12.89 |
| 30.0 | 1255 | 3.0 | | | 1.84 | 19.2 | | 7.5 | 8.7 | 100 | | 0.21 | 40 | | 18.46 | 16.49 | 12.97 |
| 30.0 | 1255 | 4.0 | | | 2.01 | 21.6 | | 7.4 | 8.6 | 99 | | 0.25 | 46 | | 18.51 | 16.44 | 13.02 |
| 30.0 | 1255 | 5.0 | | | 2.14 | 23.3 | | 7.4 | 8.6 | 99 | | 0.39 | 70 | | 18.55 | 16.41 | 13.06 |
| 30.0 | 1255 | 6.0 | | | 2.20 | 24.1 | | 7.4 | 8.6 | 99 | | 0.54 | 95 | | 18.55 | 16.41 | 13.06 |
| 30.0 | 1255 | 7.0 | | | 2.35 | 26.2 | | 7.4 | 8.6 | 99 | | 0.74 | 128 | | 18.57 | 16.40 | 13.07 |
| 30.0 | 1255 | 8.0 | | | 2.49 | 28.0 | | 7.4 | 8.6 | 99 | | 0.93 | 161 | | 18.57 | 16.40 | 13.07 |
| 30.0 | 1255 | 9.0 | | | 2.61 | 29.7 | | 7.4 | 8.6 | 99 | | 1.07 | 184 | | 18.57 | 16.40 | 13.07 |
| 30.0 | 1255 | 10.0 | | | 2.72 | 31.1 | | 7.4 | 8.6 | 99 | | 1.22 | 209 | | 18.57 | 16.39 | 13.08 |
| 30.0 | 1255 | 11.0 | | | 2.71 | 31.0 | | 7.4 | 8.6 | 99 | | 1.32 | 225 | | 18.58 | 16.39 | 13.08 |
| 30.0 | 1255 | 12.0 | | | 2.84 | 32.7 | | 7.4 | 8.6 | 99 | | 1.46 | 249 | | 18.57 | 16.39 | 13.07 |
| 30.0 | 1255 | 13.0 | 25.5 | 0.40 | 2.89 | 33.4 | | 7.4 | 8.7 | 100 | | 1.70 | 289 | | 18.56 | 16.40 | 13.07 |
| 29.5 | 1243 | 1.0 | | | 1.70 | 17.4 | | 7.8 | 9.2 | 106 | | 0.13 | 27 | 2.2 | 18.54 | 16.72 | 12.98 |
| 29.5 | 1243 | 2.0 | | | 1.76 | 18.2 | | 7.7 | 9.0 | 103 | | 0.15 | 29 | | 18.57 | 16.56 | 13.04 |
| 29.5 | 1243 | 3.0 | | | 1.88 | 19.8 | | 7.6 | 8.9 | 103 | | 0.17 | 32 | | 18.59 | 16.51 | 13.07 |
| 29.5 | 1243 | 4.0 | | | 1.98 | 21.1 | | 7.6 | 8.9 | 102 | | 0.19 | 36 | | 18.61 | 16.49 | 13.08 |
| 29.5 | 1243 | 5.0 | | | 2.03 | 21.8 | | 7.6 | 8.9 | 102 | | 0.23 | 44 | | 18.63 | 16.46 | 13.10 |
| 29.5 | 1243 | 6.0 | | | 2.10 | 22.7 | | 7.6 | 8.9 | 102 | | 0.29 | 53 | | 18.65 | 16.43 | 13.13 |
| 29.5 | 1243 | 7.0 | | | 2.14 | 23.4 | | 7.6 | 8.9 | 102 | | 0.35 | 63 | | 18.66 | 16.42 | 13.14 |
| 29.5 | 1243 | 8.0 | | | 2.25 | 24.8 | | 7.5 | 8.8 | 101 | | 0.44 | 79 | | 18.68 | 16.39 | 13.16 |
| 29.5 | 1243 | 9.0 | | | 2.41 | 26.9 | | 7.5 | 8.8 | 101 | | 0.52 | 92 | | 18.69 | 16.38 | 13.17 |
| 29.5 | 1243 | 10.0 | | | 2.44 | 27.3 | | 7.5 | 8.8 | 101 | | 0.64 | 113 | | 18.69 | 16.38 | 13.17 |
| 29.5 | 1243 | 11.0 | | | 2.42 | 27.0 | | 7.5 | 8.8 | 101 | | 0.74 | 129 | | 18.69 | 16.38 | 13.17 |

South San Francisco Bay April 28, 1998 98118

| 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 | 1243 | 12.0 | | | 2.46 | 27.6 | | 7.5 | 8.8 | 101 | | 0.82 | 143 | | 18.69 | 16.38 | 13.17 |
| 29.5 | 1243 | 13.0 | | | 2.49 | 28.1 | | 7.5 | 8.8 | 101 | | 0.89 | 154 | | 18.69 | 16.38 | 13.17 |
| 29.5 | 1243 | 14.0 | | | 2.36 | 26.2 | | 7.5 | 8.8 | 101 | | 0.94 | 162 | | 18.69 | 16.38 | 13.17 |
| 29.5 | 1243 | 15.0 | | | 2.31 | 25.7 | | 7.5 | 8.8 | 101 | | 0.96 | 166 | | 18.69 | 16.38 | 13.17 |
| 29.0 | 1231 | 1.0 | | | 2.07 | 22.3 | | 7.5 | 8.8 | 101 | | 0.56 | 99 | 5.8 | 18.77 | 16.37 | 13.23 |
| 29.0 | 1231 | 2.0 | | | 2.09 | 22.7 | | 7.5 | 8.8 | 101 | | 0.56 | 99 | | 18.77 | 16.36 | 13.24 |
| 29.0 | 1231 | 3.0 | | | 2.22 | 24.4 | | 7.5 | 8.8 | 101 | | 0.58 | 102 | | 18.78 | 16.37 | 13.24 |
| 29.0 | 1231 | 4.0 | | | 2.28 | 25.1 | | 7.5 | 8.8 | 101 | | 0.59 | 103 | | 18.77 | 16.38 | 13.23 |
| 29.0 | 1231 | 5.0 | | | 2.26 | 24.9 | | 7.5 | 8.8 | 101 | | 0.59 | 104 | | 18.77 | 16.38 | 13.23 |
| 29.0 | 1231 | 6.0 | | | 2.23 | 24.5 | | 7.5 | 8.8 | 102 | | 0.58 | 103 | | 18.76 | 16.38 | 13.22 |
| 29.0 | 1231 | 7.0 | | | 2.27 | 25.0 | | 7.5 | 8.8 | 101 | | 0.57 | 101 | | 18.77 | 16.38 | 13.23 |
| 29.0 | 1231 | 8.0 | | | 2.33 | 25.9 | | 7.5 | 8.8 | 101 | | 0.58 | 103 | | 18.80 | 16.37 | 13.25 |
| 29.0 | 1231 | 9.0 | | | 2.37 | 26.4 | | 7.5 | 8.8 | 101 | | 0.62 | 109 | | 18.82 | 16.36 | 13.27 |
| 29.0 | 1231 | 10.0 | | | 2.39 | 26.6 | | 7.5 | 8.8 | 101 | | 0.66 | 116 | | 18.83 | 16.35 | 13.28 |
| 29.0 | 1231 | 11.0 | | | 2.33 | 25.9 | | 7.5 | 8.8 | 101 | | 0.71 | 124 | | 18.84 | 16.35 | 13.29 |
| 29.0 | 1231 | 12.0 | | | 2.36 | 26.3 | | 7.5 | 8.8 | 101 | | 0.75 | 131 | | 18.85 | 16.34 | 13.30 |
| 29.0 | 1231 | 13.0 | | | 2.50 | 28.2 | | 7.5 | 8.8 | 101 | | 0.76 | 132 | | 18.86 | 16.34 | 13.31 |
| 29.0 | 1231 | 14.0 | | | 2.54 | 28.6 | | 7.5 | 8.8 | 101 | | 0.79 | 136 | | 18.87 | 16.33 | 13.31 |
| 29.0 | 1231 | 15.0 | | | 2.51 | 28.3 | | 7.5 | 8.8 | 101 | | 0.83 | 144 | | 18.88 | 16.32 | 13.33 |
| 28.0 | 1217 | 1.0 | | | 1.50 | 14.7 | | 7.9 | 9.3 | 107 | | 0.14 | 28 | 2.1 | 18.68 | 16.75 | 13.09 |
| 28.0 | 1217 | 2.0 | | | 1.53 | 15.1 | | 7.8 | 9.2 | 105 | | 0.14 | 27 | | 18.78 | 16.45 | 13.22 |
| 28.0 | 1217 | 3.0 | | | 1.58 | 15.8 | | 7.7 | 9.1 | 104 | | 0.15 | 30 | | 18.87 | 16.33 | 13.32 |
| 28.0 | 1217 | 4.0 | | | 1.62 | 16.2 | | 7.7 | 9.1 | 104 | | 0.18 | 35 | | 18.91 | 16.31 | 13.35 |
| 28.0 | 1217 | 5.0 | | | 1.65 | 16.7 | | 7.7 | 9.1 | 104 | | 0.20 | 39 | | 18.90 | 16.31 | 13.35 |
| 28.0 | 1217 | 6.0 | | | 1.71 | 17.6 | | 7.7 | 9.1 | 104 | | 0.24 | 45 | | 18.91 | 16.31 | 13.35 |
| 28.0 | 1217 | 7.0 | | | 1.78 | 18.5 | | 7.7 | 9.1 | 104 | | 0.25 | 47 | | 18.91 | 16.30 | 13.35 |
| 28.0 | 1217 | 8.0 | | | 1.85 | 19.4 | | 7.7 | 9.1 | 104 | | 0.29 | 54 | | 18.91 | 16.30 | 13.35 |
| 28.0 | 1217 | 9.0 | | | 2.06 | 22.2 | | 7.7 | 9.0 | 104 | | 0.30 | 55 | | 18.92 | 16.29 | 13.36 |
| 28.0 | 1217 | 10.0 | | | 2.44 | 27.3 | | 7.7 | 9.0 | 103 | | 0.50 | 88 | | 18.93 | 16.26 | 13.37 |
| 28.0 | 1217 | 11.0 | | | 2.99 | 34.8 | | 7.6 | 8.9 | 102 | | 0.87 | 150 | | 18.91 | 16.27 | 13.36 |
| 28.0 | 1217 | 12.0 | | | 3.60 | 42.9 | | 7.6 | 8.9 | 102 | | 1.79 | 305 | | 18.87 | 16.27 | 13.33 |
| 28.0 | 1217 | 13.0 | | | 3.98 | 48.0 | | 7.5 | 8.8 | 101 | | 2.65 | 448 | | 18.86 | 16.27 | 13.32 |
| 28.0 | 1217 | 14.0 | | | 4.27 | 52.0 | | 7.5 | 8.8 | 101 | | 3.18 | 537 | | 18.87 | 16.27 | 13.32 |
| 28.0 | 1217 | 15.0 | | | 4.28 | 52.1 | | 7.5 | 8.8 | 101 | | 4.27 | 720 | | 18.89 | 16.27 | 13.34 |
| 27.0 | 1159 | 1.0 | | | 1.74 | 17.9 | | 8.6 | 10.3 | 119 | | 0.07 | 17 | 1.5 | 18.64 | 17.03 | 12.99 |
| 27.0 | 1159 | 2.0 | 22.2 | 0.82 | 1.84 | 19.3 | 10.1 | 8.5 | 10.1 | 117 | 14.3 | 0.08 | 17 | | 18.82 | 16.73 | 13.19 |
| 27.0 | 1159 | 3.0 | | | 1.80 | 18.8 | | 8.2 | 9.7 | 112 | | 0.09 | 20 | | 18.92 | 16.58 | 13.31 |
| 27.0 | 1159 | 4.0 | | | 1.84 | 19.2 | | 8.0 | 9.4 | 108 | | 0.12 | 24 | | 19.11 | 16.31 | 13.50 |
| 27.0 | 1159 | 5.0 | | | 1.96 | 20.8 | | 7.8 | 9.2 | 106 | | 0.19 | 37 | | 19.16 | 16.24 | 13.56 |
| 27.0 | 1159 | 6.0 | | | 2.07 | 22.4 | | 7.8 | 9.2 | 105 | | 0.31 | 57 | | 19.17 | 16.22 | 13.56 |

South San Francisco Bay April 28, 1998 98118

| 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 | 1159 | 7.0 | | | 2.20 | 24.2 | | 7.7 | 9.1 | 104 | | 0.47 | 83 | | 19.18 | 16.20 | 13.58 |
| 27.0 | 1159 | 8.0 | | | 2.44 | 27.4 | | 7.7 | 9.1 | 104 | | 0.59 | 104 | | 19.20 | 16.18 | 13.60 |
| 27.0 | 1159 | 9.0 | | | 2.67 | 30.5 | | 7.7 | 9.0 | 103 | | 0.76 | 133 | | 19.21 | 16.17 | 13.61 |
| 27.0 | 1159 | 10.0 | | | 2.81 | 32.4 | | 7.7 | 9.0 | 103 | | 0.94 | 163 | | 19.23 | 16.16 | 13.63 |
| 27.0 | 1159 | 11.0 | | | 3.04 | 35.4 | | 7.7 | 9.0 | 103 | | 1.18 | 203 | | 19.24 | 16.16 | 13.64 |
| 27.0 | 1159 | 12.0 | | | 3.28 | 38.7 | | 7.7 | 9.0 | 103 | | 1.38 | 236 | | 19.24 | 16.16 | 13.63 |
| 27.0 | 1159 | 13.0 | 32.3 | 0.42 | 3.26 | 38.4 | | 7.7 | 9.0 | 104 | | 1.73 | 295 | | 19.23 | 16.16 | 13.63 |
| 26.0 | 1146 | 1.0 | | | 1.46 | 14.2 | | 8.3 | 9.8 | 113 | | 0.16 | 31 | 2.1 | 19.78 | 16.31 | 14.02 |
| 26.0 | 1146 | 2.0 | | | 1.58 | 15.7 | | 8.2 | 9.8 | 113 | | 0.16 | 31 | | 19.78 | 16.26 | 14.03 |
| 26.0 | 1146 | 3.0 | | | 1.66 | 16.8 | | 8.2 | 9.7 | 111 | | 0.16 | 32 | | 19.79 | 16.22 | 14.04 |
| 26.0 | 1146 | 4.0 | | | 1.81 | 18.9 | | 8.1 | 9.6 | 110 | | 0.18 | 35 | | 19.80 | 16.15 | 14.06 |
| 26.0 | 1146 | 5.0 | | | 1.84 | 19.3 | | 8.1 | 9.6 | 110 | | 0.23 | 43 | | 19.80 | 16.15 | 14.06 |
| 26.0 | 1146 | 6.0 | | | 1.92 | 20.3 | | 8.1 | 9.6 | 110 | | 0.30 | 56 | | 19.80 | 16.15 | 14.06 |
| 26.0 | 1146 | 7.0 | | | 2.19 | 24.0 | | 8.1 | 9.6 | 110 | | 0.37 | 67 | | 19.80 | 16.14 | 14.06 |
| 26.0 | 1146 | 8.0 | | | 2.30 | 25.5 | | 8.1 | 9.5 | 110 | | 0.39 | 70 | | 19.79 | 16.14 | 14.06 |
| 26.0 | 1146 | 9.0 | | | 2.23 | 24.5 | | 8.0 | 9.5 | 109 | | 0.44 | 78 | | 19.79 | 16.14 | 14.06 |
| 26.0 | 1146 | 10.0 | | | 2.22 | 24.4 | | 8.1 | 9.5 | 110 | | 0.56 | 99 | | 19.79 | 16.14 | 14.06 |
| 25.0 | 1131 | 1.0 | | | 1.39 | 13.1 | | 8.0 | 9.4 | 108 | | 0.24 | 45 | 2.8 | 20.51 | 15.84 | 14.67 |
| 25.0 | 1131 | 2.0 | | | 1.43 | 13.8 | | 7.9 | 9.4 | 108 | | 0.27 | 50 | | 20.51 | 15.83 | 14.67 |
| 25.0 | 1131 | 3.0 | | | 1.53 | 15.1 | | 8.0 | 9.4 | 108 | | 0.29 | 54 | | 20.51 | 15.83 | 14.67 |
| 25.0 | 1131 | 4.0 | | | 1.65 | 16.7 | | 8.0 | 9.4 | 108 | | 0.32 | 58 | | 20.50 | 15.82 | 14.67 |
| 25.0 | 1131 | 5.0 | | | 1.64 | 16.5 | | 8.0 | 9.4 | 108 | | 0.35 | 63 | | 20.50 | 15.82 | 14.67 |
| 25.0 | 1131 | 6.0 | | | 1.58 | 15.8 | | 8.0 | 9.4 | 108 | | 0.37 | 67 | | 20.51 | 15.83 | 14.67 |
| 25.0 | 1131 | 7.0 | | | 1.59 | 15.9 | | 7.9 | 9.4 | 107 | | 0.37 | 67 | | 20.50 | 15.82 | 14.67 |
| 25.0 | 1131 | 8.0 | | | 1.61 | 16.1 | | 8.0 | 9.4 | 108 | | 0.37 | 67 | | 20.50 | 15.82 | 14.66 |
| 24.0 | 1116 | 1.0 | | | 1.07 | 8.9 | | 7.9 | 9.3 | 108 | | 0.09 | 20 | 1.7 | 19.04 | 16.96 | 13.32 |
| 24.0 | 1116 | 2.0 | 13.8 | 0.79 | 1.05 | 8.6 | 9.2 | 7.5 | 8.8 | 100 | 21.8 | 0.10 | 21 | | 20.47 | 15.72 | 14.66 |
| 24.0 | 1116 | 3.0 | | | 1.01 | 8.0 | | 7.3 | 8.5 | 97 | | 0.19 | 37 | | 20.95 | 15.38 | 15.10 |
| 24.0 | 1116 | 4.0 | | | 1.04 | 8.5 | | 7.3 | 8.5 | 96 | | 0.38 | 69 | | 21.01 | 15.34 | 15.15 |
| 24.0 | 1116 | 5.0 | | | 1.08 | 9.1 | | 7.3 | 8.4 | 96 | | 0.58 | 103 | | 21.04 | 15.32 | 15.18 |
| 24.0 | 1116 | 6.0 | | | 1.14 | 9.8 | | 7.2 | 8.4 | 95 | | 0.71 | 124 | | 21.03 | 15.33 | 15.17 |
| 24.0 | 1116 | 7.0 | | | 1.22 | 10.9 | | 7.2 | 8.4 | 95 | | 0.84 | 146 | | 21.12 | 15.28 | 15.24 |
| 24.0 | 1116 | 8.0 | | | 1.27 | 11.6 | | 7.2 | 8.3 | 95 | | 0.96 | 166 | | 21.14 | 15.27 | 15.27 |
| 24.0 | 1116 | 9.0 | | | 1.28 | 11.7 | | 7.2 | 8.4 | 95 | | 1.12 | 192 | | 21.16 | 15.26 | 15.28 |
| 24.0 | 1116 | 10.0 | 14.2 | 0.36 | 1.28 | 11.7 | | 7.2 | 8.4 | 96 | | 1.44 | 246 | | 21.16 | 15.27 | 15.28 |
| 23.0 | 1102 | 1.0 | | | 1.41 | 13.5 | | 7.8 | 9.2 | 106 | | 0.12 | 26 | 1.8 | 19.27 | 16.65 | 13.56 |
| 23.0 | 1102 | 2.0 | | | 1.37 | 12.9 | | 7.5 | 8.8 | 101 | | 0.12 | 25 | | 20.04 | 16.04 | 14.27 |
| 23.0 | 1102 | 3.0 | | | 1.22 | 10.9 | | 7.5 | 8.8 | 101 | | 0.12 | 24 | | 20.53 | 15.69 | 14.71 |
| 23.0 | 1102 | 4.0 | | | 1.15 | 10.0 | | 7.5 | 8.7 | 100 | | 0.11 | 23 | | 20.52 | 15.69 | 14.71 |

South San Francisco Bay April 28, 1998 98118

| 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 | 1102 | 5.0 | | | 1.03 | 8.3 | | 7.4 | 8.7 | 99 | | 0.11 | 24 | | 20.67 | 15.63 | 14.84 |
| 23.0 | 1102 | 6.0 | | | 0.94 | 7.1 | | 7.3 | 8.6 | 98 | | 0.12 | 24 | | 20.78 | 15.59 | 14.93 |
| 23.0 | 1102 | 7.0 | | | 0.86 | 6.0 | | 7.3 | 8.5 | 97 | | 0.12 | 25 | | 20.99 | 15.43 | 15.12 |
| 23.0 | 1102 | 8.0 | | | 0.87 | 6.2 | | 7.2 | 8.4 | 96 | | 0.13 | 27 | | 21.03 | 15.38 | 15.15 |
| 23.0 | 1102 | 9.0 | | | 0.97 | 7.5 | | 7.2 | 8.4 | 96 | | 0.29 | 53 | | 21.10 | 15.32 | 15.23 |
| 23.0 | 1102 | 10.0 | | | 1.06 | 8.7 | | 7.2 | 8.4 | 96 | | 0.52 | 91 | | 21.14 | 15.30 | 15.26 |
| 23.0 | 1102 | 11.0 | | | 1.16 | 10.1 | | 7.2 | 8.4 | 96 | | 0.75 | 130 | | 21.16 | 15.29 | 15.27 |
| 23.0 | 1102 | 12.0 | | | 1.31 | 12.1 | | 7.2 | 8.4 | 96 | | 0.95 | 164 | | 21.16 | 15.29 | 15.28 |
| 23.0 | 1102 | 13.0 | | | 1.47 | 14.3 | | 7.2 | 8.4 | 96 | | 1.29 | 221 | | 21.16 | 15.29 | 15.27 |
| 23.0 | 1102 | 14.0 | | | 1.52 | 14.9 | | 7.2 | 8.4 | 96 | | 1.71 | 291 | | 21.15 | 15.29 | 15.27 |
| 23.0 | 1102 | 15.0 | | | 1.49 | 14.5 | | 7.3 | 8.4 | 96 | | 2.12 | 360 | | 21.15 | 15.30 | 15.27 |
| 22.0 | 1045 | 1.0 | | | 1.08 | 9.1 | | 7.9 | 9.3 | 107 | | 0.12 | 25 | 1.7 | 20.02 | 16.22 | 14.22 |
| 22.0 | 1045 | 2.0 | | | 1.11 | 9.4 | | 7.8 | 9.3 | 106 | | 0.12 | 24 | | 20.16 | 16.11 | 14.35 |
| 22.0 | 1045 | 3.0 | | | 1.05 | 8.6 | | 7.5 | 8.8 | 101 | | 0.11 | 24 | | 20.17 | 16.10 | 14.36 |
| 22.0 | 1045 | 4.0 | | | 0.93 | 7.0 | | 7.3 | 8.6 | 98 | | 0.11 | 24 | | 20.71 | 15.65 | 14.86 |
| 22.0 | 1045 | 5.0 | | | 0.82 | 5.5 | | 7.3 | 8.5 | 97 | | 0.11 | 23 | | 21.06 | 15.41 | 15.18 |
| 22.0 | 1045 | 6.0 | | | 0.75 | 4.6 | | 7.3 | 8.5 | 97 | | 0.10 | 21 | | 21.15 | 15.37 | 15.25 |
| 22.0 | 1045 | 7.0 | | | 0.73 | 4.3 | | 7.3 | 8.5 | 97 | | 0.09 | 20 | | 21.19 | 15.36 | 15.28 |
| 22.0 | 1045 | 8.0 | | | 0.71 | 4.0 | | 7.2 | 8.4 | 96 | | 0.09 | 20 | | 21.30 | 15.35 | 15.37 |
| 22.0 | 1045 | 9.0 | | | 0.68 | 3.6 | | 7.1 | 8.2 | 93 | | 0.09 | 20 | | 21.48 | 15.25 | 15.53 |
| 22.0 | 1045 | 10.0 | | | 0.69 | 3.7 | | 7.0 | 8.1 | 93 | | 0.10 | 21 | | 21.95 | 14.99 | 15.94 |
| 22.0 | 1045 | 11.0 | | | 0.69 | 3.8 | | 7.0 | 8.1 | 93 | | 0.14 | 28 | | 22.05 | 14.94 | 16.03 |
| 22.0 | 1045 | 12.0 | | | 0.69 | 3.7 | | 7.0 | 8.1 | 92 | | 0.21 | 40 | | 22.06 | 14.94 | 16.04 |
| 22.0 | 1045 | 13.0 | | | 0.70 | 3.8 | | 7.0 | 8.1 | 92 | | 0.23 | 44 | | 22.09 | 14.92 | 16.06 |
| 22.0 | 1045 | 14.0 | | | 0.71 | 4.0 | | 7.0 | 8.1 | 92 | | 0.27 | 50 | | 22.20 | 14.86 | 16.16 |
| 22.0 | 1045 | 15.0 | | | 0.73 | 4.3 | | 7.0 | 8.0 | 91 | | 0.32 | 58 | | 22.22 | 14.84 | 16.18 |
| 22.0 | 1045 | 16.0 | | | 0.75 | 4.5 | | 7.0 | 8.1 | 92 | | 0.38 | 69 | | 22.29 | 14.80 | 16.24 |
| 22.0 | 1045 | 17.0 | | | 0.78 | 5.0 | | 6.9 | 8.0 | 91 | | 0.46 | 83 | | 22.33 | 14.79 | 16.27 |
| 22.0 | 1045 | 18.0 | | | 0.78 | 5.0 | | 7.0 | 8.1 | 91 | | 0.54 | 95 | | 22.32 | 14.79 | 16.26 |
| 21.0 | 1031 | 1.0 | | | 1.10 | 9.3 | | 7.8 | 9.2 | 107 | | 0.13 | 27 | 1.9 | 19.95 | 16.63 | 14.08 |
| 21.0 | 1031 | 2.0 | 8.6 | 0.76 | 1.06 | 8.8 | 8.7 | 7.4 | 8.7 | 100 | 21.4 | 0.13 | 26 | | 20.22 | 16.21 | 14.37 |
| 21.0 | 1031 | 3.0 | | | 0.95 | 7.2 | | 7.3 | 8.5 | 98 | | 0.13 | 27 | | 20.81 | 15.68 | 14.93 |
| 21.0 | 1031 | 4.0 | | | 0.87 | 6.1 | | 7.2 | 8.4 | 96 | | 0.13 | 27 | | 21.16 | 15.55 | 15.22 |
| 21.0 | 1031 | 5.0 | | | 0.80 | 5.3 | | 7.1 | 8.3 | 95 | | 0.14 | 28 | | 21.41 | 15.44 | 15.44 |
| 21.0 | 1031 | 6.0 | | | 0.76 | 4.7 | | 7.1 | 8.3 | 95 | | 0.14 | 29 | | 21.53 | 15.37 | 15.55 |
| 21.0 | 1031 | 7.0 | | | 0.78 | 5.0 | | 7.1 | 8.2 | 94 | | 0.14 | 29 | | 21.55 | 15.37 | 15.56 |
| 21.0 | 1031 | 8.0 | | | 0.83 | 5.7 | | 7.0 | 8.2 | 93 | | 0.20 | 38 | | 21.77 | 15.26 | 15.75 |
| 21.0 | 1031 | 9.0 | | | 0.87 | 6.1 | | 7.0 | 8.1 | 93 | | 0.38 | 68 | | 21.93 | 15.19 | 15.89 |
| 21.0 | 1031 | 10.0 | | | 0.92 | 6.9 | | 7.0 | 8.2 | 93 | | 0.43 | 76 | | 22.01 | 15.16 | 15.95 |
| 21.0 | 1031 | 11.0 | | | 0.98 | 7.6 | | 7.0 | 8.1 | 93 | | 0.58 | 102 | | 22.06 | 15.14 | 15.99 |
| 21.0 | 1031 | 12.0 | | | 1.00 | 7.9 | | 7.0 | 8.2 | 93 | | 0.68 | 118 | | 22.07 | 15.14 | 16.00 |

South San Francisco Bay April 28, 1998 98118

| 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 | 1031 | 13.0 | | | 1.02 | 8.2 | | 7.0 | 8.2 | 93 | | 0.81 | 141 | | 22.09 | 15.14 | 16.02 |
| 21.0 | 1031 | 14.0 | | | 1.08 | 9.1 | | 7.0 | 8.2 | 93 | | 0.92 | 159 | | 22.10 | 15.13 | 16.03 |
| 21.0 | 1031 | 15.0 | | | 1.13 | 9.7 | | 7.0 | 8.2 | 93 | | 0.99 | 171 | | 22.10 | 15.13 | 16.03 |
| 21.0 | 1031 | 16.0 | | | 1.24 | 11.2 | | 7.0 | 8.2 | 93 | | 1.05 | 181 | | 22.12 | 15.13 | 16.04 |
| 21.0 | 1031 | 17.0 | 11.0 | 0.36 | 1.28 | 11.7 | | 7.0 | 8.2 | 93 | | 1.52 | 259 | | 22.10 | 15.14 | 16.02 |

| | n | r^2 | Slope | Inter. | Std. Err. |
|---|---|---|---|---|---|
| Fluorometer Calibration: | 12 | 0.668 | 13.480 | -5.543 | 9.478 |
| OBS Calibration: | 6 | 0.990 | 167.545 | 4.794 | 5.784 |
| Dissolved Oxygen Calibration: | 5 | 0.907 | 1.341 | -1.272 | 0.308 |

SeaBird v4.026

South San Francisco Bay May 05, 1998 98125

| 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 | 0822 | 1.0 | | | 2.58 | 27.8 | | 6.8 | 8.1 | 95 | | 0.33 | 61 | 4.2 | 16.90 | 18.00 | 11.46 |
| 36.0 | 0822 | 2.0 | 27.5 | 0.79 | 2.50 | 26.8 | 8.0 | 6.7 | 8.0 | 94 | 59.2 | 0.32 | 59 | | 17.07 | 17.95 | 11.60 |
| 36.0 | 0822 | 3.0 | | | 2.41 | 25.8 | | 6.7 | 8.0 | 94 | | 0.32 | 60 | | 17.48 | 17.90 | 11.93 |
| 36.0 | 0822 | 4.0 | | | 2.45 | 26.3 | | 6.7 | 8.0 | 94 | | 0.44 | 82 | | 17.60 | 17.88 | 12.02 |
| 36.0 | 0822 | 5.0 | | | 2.50 | 26.8 | | 6.7 | 8.0 | 94 | | 0.58 | 107 | | 17.63 | 17.88 | 12.05 |
| 36.0 | 0822 | 6.0 | | | 2.49 | 26.7 | | 6.7 | 8.0 | 94 | | 0.64 | 119 | | 17.68 | 17.87 | 12.09 |
| 36.0 | 0822 | 7.0 | 26.7 | 0.57 | 2.48 | 26.6 | | 6.7 | 8.0 | 94 | | 0.69 | 128 | | 17.68 | 17.87 | 12.09 |
| 35.0 | 0837 | 1.0 | | | 2.04 | 21.6 | | 7.1 | 8.4 | 99 | | 0.16 | 29 | 2.6 | 17.68 | 17.89 | 12.08 |
| 35.0 | 0837 | 2.0 | | | 1.95 | 20.5 | | 6.9 | 8.3 | 97 | | 0.16 | 29 | | 17.79 | 17.87 | 12.17 |
| 35.0 | 0837 | 3.0 | | | 1.86 | 19.6 | | 6.9 | 8.2 | 96 | | 0.18 | 32 | | 17.92 | 17.83 | 12.28 |
| 35.0 | 0837 | 4.0 | | | 1.94 | 20.5 | | 6.8 | 8.1 | 95 | | 0.22 | 40 | | 17.92 | 17.83 | 12.28 |
| 35.0 | 0837 | 5.0 | | | 2.08 | 22.1 | | 6.8 | 8.1 | 95 | | 0.29 | 53 | | 17.91 | 17.83 | 12.27 |
| 35.0 | 0837 | 6.0 | | | 2.19 | 23.3 | | 6.8 | 8.1 | 95 | | 0.35 | 64 | | 17.92 | 17.82 | 12.28 |
| 35.0 | 0837 | 7.0 | | | 2.14 | 22.8 | | 6.7 | 8.0 | 94 | | 0.42 | 77 | | 17.96 | 17.81 | 12.31 |
| 35.0 | 0837 | 8.0 | | | 2.11 | 22.4 | | 6.7 | 8.0 | 94 | | 0.42 | 77 | | 18.20 | 17.73 | 12.51 |
| 34.0 | 0850 | 1.0 | | | 1.67 | 17.4 | | 7.1 | 8.4 | 99 | | 0.13 | 23 | 2.2 | 17.67 | 17.86 | 12.08 |
| 34.0 | 0850 | 2.0 | | | 1.48 | 15.2 | | 6.7 | 8.0 | 93 | | 0.13 | 23 | | 18.25 | 17.69 | 12.56 |
| 34.0 | 0850 | 3.0 | | | 1.25 | 12.7 | | 6.4 | 7.6 | 90 | | 0.13 | 24 | | 18.73 | 17.46 | 12.97 |
| 34.0 | 0850 | 4.0 | | | 1.10 | 11.0 | | 6.3 | 7.5 | 88 | | 0.15 | 28 | | 19.07 | 17.31 | 13.27 |
| 34.0 | 0850 | 5.0 | | | 1.08 | 10.7 | | 6.3 | 7.4 | 87 | | 0.19 | 35 | | 19.22 | 17.23 | 13.40 |
| 34.0 | 0850 | 6.0 | | | 1.11 | 11.1 | | 6.3 | 7.5 | 88 | | 0.22 | 41 | | 19.29 | 17.20 | 13.46 |
| 33.0 | 0905 | 1.0 | | | 1.33 | 13.6 | | 7.1 | 8.5 | 100 | | 0.09 | 16 | 1.6 | 18.17 | 17.90 | 12.45 |
| 33.0 | 0905 | 2.0 | | | 1.27 | 12.9 | | 7.0 | 8.4 | 99 | | 0.08 | 15 | | 18.29 | 17.88 | 12.55 |
| 33.0 | 0905 | 3.0 | | | 1.13 | 11.3 | | 6.9 | 8.3 | 97 | | 0.08 | 15 | | 18.47 | 17.84 | 12.70 |
| 33.0 | 0905 | 4.0 | | | 1.01 | 10.0 | | 6.8 | 8.1 | 96 | | 0.08 | 15 | | 18.59 | 17.80 | 12.79 |
| 33.0 | 0905 | 5.0 | | | 0.96 | 9.4 | | 6.8 | 8.1 | 95 | | 0.08 | 15 | | 18.73 | 17.69 | 12.92 |
| 33.0 | 0905 | 6.0 | | | 0.91 | 8.8 | | 6.6 | 7.9 | 93 | | 0.09 | 16 | | 18.87 | 17.63 | 13.04 |
| 33.0 | 0905 | 7.0 | | | 0.85 | 8.1 | | 6.5 | 7.7 | 91 | | 0.09 | 16 | | 19.09 | 17.48 | 13.25 |
| 33.0 | 0905 | 8.0 | | | 0.78 | 7.3 | | 6.4 | 7.6 | 89 | | 0.10 | 17 | | 19.36 | 17.28 | 13.49 |
| 33.0 | 0905 | 9.0 | | | 0.74 | 6.9 | | 6.3 | 7.5 | 88 | | 0.10 | 18 | | 19.52 | 17.19 | 13.63 |
| 33.0 | 0905 | 10.0 | | | 0.73 | 6.7 | | 6.3 | 7.5 | 88 | | 0.11 | 20 | | 19.60 | 17.14 | 13.71 |
| 33.0 | 0905 | 11.0 | | | 0.68 | 6.1 | | 6.2 | 7.4 | 86 | | 0.12 | 22 | | 19.69 | 17.07 | 13.79 |
| 33.0 | 0905 | 12.0 | | | 0.63 | 5.7 | | 6.1 | 7.3 | 85 | | 0.14 | 24 | | 19.86 | 16.95 | 13.94 |
| 33.0 | 0905 | 13.0 | | | 0.64 | 5.7 | | 6.2 | 7.4 | 86 | | 0.15 | 28 | | 19.99 | 16.86 | 14.06 |
| 31.0 | 0929 | 1.0 | | | 1.27 | 12.9 | | 7.2 | 8.6 | 101 | | 0.07 | 12 | 1.5 | 18.71 | 17.69 | 12.91 |
| 31.0 | 0929 | 2.0 | | | 1.09 | 10.9 | | 6.9 | 8.3 | 98 | | 0.07 | 12 | | 19.02 | 17.58 | 13.17 |
| 31.0 | 0929 | 3.0 | | | 0.86 | 8.2 | | 6.8 | 8.1 | 95 | | 0.07 | 12 | | 19.35 | 17.50 | 13.44 |
| 31.0 | 0929 | 4.0 | | | 0.71 | 6.5 | | 6.7 | 8.0 | 94 | | 0.07 | 12 | | 19.54 | 17.42 | 13.60 |
| 31.0 | 0929 | 5.0 | | | 0.62 | 5.5 | | 6.6 | 7.9 | 93 | | 0.06 | 11 | | 19.63 | 17.38 | 13.67 |

South San Francisco Bay May 05, 1998 98125

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 31.0 | 0929 | 6.0 | | | 0.54 | 4.6 | | 6.5 | 7.8 | 91 | | 0.06 | 11 | | 19.90 | 17.19 | 13.92 |
| 31.0 | 0929 | 7.0 | | | 0.49 | 4.0 | | 6.4 | 7.7 | 90 | | 0.07 | 12 | | 19.98 | 17.13 | 13.99 |
| 31.0 | 0929 | 8.0 | | | 0.46 | 3.7 | | 6.3 | 7.5 | 88 | | 0.07 | 13 | | 20.08 | 17.03 | 14.09 |
| 31.0 | 0929 | 9.0 | | | 0.43 | 3.4 | | 6.2 | 7.3 | 86 | | 0.08 | 15 | | 20.26 | 16.87 | 14.27 |
| 31.0 | 0929 | 10.0 | | | 0.41 | 3.1 | | 6.1 | 7.2 | 84 | | 0.09 | 16 | | 20.52 | 16.61 | 14.52 |
| 31.0 | 0929 | 11.0 | | | 0.41 | 3.2 | | 6.0 | 7.2 | 84 | | 0.10 | 18 | | 20.60 | 16.54 | 14.60 |
| 31.0 | 0929 | 12.0 | | | 0.43 | 3.3 | | 6.0 | 7.2 | 83 | | 0.12 | 21 | | 20.63 | 16.51 | 14.62 |
| 31.0 | 0929 | 13.0 | | | 0.43 | 3.4 | | 6.0 | 7.2 | 84 | | 0.14 | 24 | | 20.63 | 16.51 | 14.63 |
| 31.0 | 0929 | 14.0 | | | 0.43 | 3.4 | | 6.1 | 7.2 | 84 | | 0.16 | 29 | | 20.64 | 16.50 | 14.63 |
| 30.0 | 0947 | 1.0 | | | 0.67 | 6.1 | | 7.1 | 8.4 | 100 | | 0.05 | 8 | 1.1 | 19.73 | 17.63 | 13.70 |
| 30.0 | 0947 | 2.0 | 6.8 | 0.81 | 0.66 | 6.0 | 8.5 | 7.0 | 8.4 | 99 | 6.5 | 0.05 | 8 | | 19.75 | 17.59 | 13.72 |
| 30.0 | 0947 | 3.0 | | | 0.64 | 5.7 | | 7.0 | 8.4 | 99 | | 0.05 | 8 | | 19.74 | 17.59 | 13.71 |
| 30.0 | 0947 | 4.0 | | | 0.60 | 5.3 | | 6.7 | 8.0 | 95 | | 0.05 | 8 | | 19.75 | 17.53 | 13.73 |
| 30.0 | 0947 | 5.0 | | | 0.53 | 4.5 | | 6.5 | 7.7 | 91 | | 0.05 | 8 | | 20.09 | 17.12 | 14.08 |
| 30.0 | 0947 | 6.0 | | | 0.48 | 3.9 | | 6.5 | 7.8 | 91 | | 0.05 | 9 | | 20.39 | 16.96 | 14.34 |
| 30.0 | 0947 | 7.0 | | | 0.46 | 3.7 | | 6.5 | 7.7 | 91 | | 0.06 | 10 | | 20.44 | 16.95 | 14.39 |
| 30.0 | 0947 | 8.0 | | | 0.43 | 3.4 | | 6.3 | 7.5 | 88 | | 0.06 | 10 | | 20.51 | 16.90 | 14.45 |
| 30.0 | 0947 | 9.0 | | | 0.40 | 3.0 | | 6.2 | 7.3 | 86 | | 0.07 | 12 | | 20.71 | 16.66 | 14.66 |
| 30.0 | 0947 | 10.0 | | | 0.38 | 2.7 | | 6.1 | 7.3 | 85 | | 0.08 | 14 | | 20.91 | 16.42 | 14.85 |
| 30.0 | 0947 | 11.0 | | | 0.37 | 2.7 | | 6.1 | 7.3 | 85 | | 0.08 | 15 | | 20.97 | 16.37 | 14.91 |
| 30.0 | 0947 | 12.0 | | | 0.37 | 2.7 | | 6.1 | 7.3 | 85 | | 0.09 | 16 | | 20.97 | 16.37 | 14.91 |
| 30.0 | 0947 | 13.0 | | | 0.38 | 2.8 | | 6.1 | 7.3 | 84 | | 0.10 | 17 | | 20.98 | 16.36 | 14.92 |
| 30.0 | 0947 | 14.0 | 3.1 | 0.56 | 0.39 | 2.9 | | 6.1 | 7.3 | 85 | | 0.10 | 18 | | 20.99 | 16.35 | 14.93 |
| 29.5 | 1001 | 1.0 | | | 0.94 | 9.2 | | 7.4 | 8.8 | 104 | | 0.04 | 7 | 1.0 | 19.58 | 17.71 | 13.56 |
| 29.5 | 1001 | 2.0 | | | 0.95 | 9.3 | | 7.3 | 8.8 | 104 | | 0.04 | 7 | | 19.68 | 17.61 | 13.67 |
| 29.5 | 1001 | 3.0 | | | 0.84 | 8.0 | | 7.2 | 8.6 | 101 | | 0.04 | 7 | | 19.78 | 17.57 | 13.75 |
| 29.5 | 1001 | 4.0 | | | 0.75 | 7.0 | | 7.1 | 8.4 | 100 | | 0.04 | 7 | | 19.85 | 17.52 | 13.81 |
| 29.5 | 1001 | 5.0 | | | 0.66 | 6.0 | | 6.9 | 8.2 | 97 | | 0.04 | 6 | | 19.91 | 17.48 | 13.87 |
| 29.5 | 1001 | 6.0 | | | 0.53 | 4.5 | | 6.6 | 7.9 | 93 | | 0.04 | 6 | | 20.28 | 17.27 | 14.19 |
| 29.5 | 1001 | 7.0 | | | 0.46 | 3.7 | | 6.5 | 7.7 | 91 | | 0.04 | 7 | | 20.50 | 17.01 | 14.42 |
| 29.5 | 1001 | 8.0 | | | 0.43 | 3.3 | | 6.3 | 7.6 | 88 | | 0.05 | 8 | | 20.68 | 16.80 | 14.60 |
| 29.5 | 1001 | 9.0 | | | 0.41 | 3.2 | | 6.4 | 7.6 | 88 | | 0.05 | 8 | | 21.05 | 16.47 | 14.96 |
| 29.5 | 1001 | 10.0 | | | 0.41 | 3.1 | | 6.3 | 7.5 | 87 | | 0.05 | 9 | | 21.08 | 16.45 | 14.98 |
| 29.5 | 1001 | 11.0 | | | 0.39 | 2.9 | | 6.2 | 7.4 | 86 | | 0.06 | 10 | | 21.16 | 16.35 | 15.06 |
| 29.5 | 1001 | 12.0 | | | 0.37 | 2.7 | | 6.2 | 7.4 | 86 | | 0.07 | 12 | | 21.23 | 16.26 | 15.13 |
| 29.5 | 1001 | 13.0 | | | 0.35 | 2.4 | | 6.2 | 7.4 | 85 | | 0.07 | 12 | | 21.27 | 16.23 | 15.17 |
| 29.5 | 1001 | 14.0 | | | 0.35 | 2.4 | | 6.2 | 7.4 | 85 | | 0.08 | 13 | | 21.28 | 16.22 | 15.18 |
| 29.5 | 1001 | 15.0 | | | 0.33 | 2.2 | | 6.2 | 7.4 | 85 | | 0.08 | 14 | | 21.30 | 16.21 | 15.19 |
| 29.5 | 1001 | 16.0 | | | 0.32 | 2.1 | | 6.2 | 7.4 | 86 | | 0.08 | 14 | | 21.30 | 16.21 | 15.20 |

South San Francisco Bay May 05, 1998 98125

| 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 | 1014 | 1.0 | | | 0.83 | 7.9 | | 7.3 | 8.7 | 102 | | 0.03 | 5 | 1.0 | 19.70 | 17.46 | 13.71 |
| 29.0 | 1014 | 2.0 | | | 0.80 | 7.5 | | 7.2 | 8.6 | 101 | | 0.03 | 5 | | 19.74 | 17.41 | 13.75 |
| 29.0 | 1014 | 3.0 | | | 0.76 | 7.1 | | 7.1 | 8.5 | 100 | | 0.03 | 5 | | 19.80 | 17.41 | 13.80 |
| 29.0 | 1014 | 4.0 | | | 0.73 | 6.8 | | 7.3 | 8.7 | 102 | | 0.03 | 5 | | 19.93 | 17.39 | 13.90 |
| 29.0 | 1014 | 5.0 | | | 0.73 | 6.7 | | 7.5 | 8.9 | 105 | | 0.03 | 5 | | 20.00 | 17.36 | 13.96 |
| 29.0 | 1014 | 6.0 | | | 0.71 | 6.5 | | 7.5 | 8.9 | 105 | | 0.03 | 5 | | 20.05 | 17.33 | 14.01 |
| 29.0 | 1014 | 7.0 | | | 0.64 | 5.8 | | 7.2 | 8.6 | 101 | | 0.03 | 4 | | 20.28 | 17.19 | 14.22 |
| 29.0 | 1014 | 8.0 | | | 0.57 | 4.9 | | 6.8 | 8.1 | 96 | | 0.02 | 4 | | 20.63 | 16.90 | 14.54 |
| 29.0 | 1014 | 9.0 | | | 0.50 | 4.2 | | 6.6 | 7.9 | 92 | | 0.03 | 4 | | 20.86 | 16.69 | 14.76 |
| 29.0 | 1014 | 10.0 | | | 0.45 | 3.5 | | 6.5 | 7.7 | 90 | | 0.03 | 5 | | 20.93 | 16.59 | 14.84 |
| 29.0 | 1014 | 11.0 | | | 0.40 | 3.0 | | 6.4 | 7.6 | 89 | | 0.04 | 6 | | 21.13 | 16.41 | 15.02 |
| 29.0 | 1014 | 12.0 | | | 0.37 | 2.7 | | 6.3 | 7.5 | 87 | | 0.04 | 7 | | 21.23 | 16.35 | 15.11 |
| 29.0 | 1014 | 13.0 | | | 0.35 | 2.4 | | 6.2 | 7.4 | 86 | | 0.05 | 9 | | 21.38 | 16.20 | 15.26 |
| 29.0 | 1014 | 14.0 | | | 0.33 | 2.2 | | 6.2 | 7.4 | 86 | | 0.06 | 10 | | 21.44 | 16.14 | 15.32 |
| 29.0 | 1014 | 15.0 | | | 0.32 | 2.1 | | 6.2 | 7.4 | 86 | | 0.06 | 11 | | 21.47 | 16.11 | 15.35 |
| 29.0 | 1014 | 16.0 | | | 0.32 | 2.1 | | 6.3 | 7.5 | 87 | | 0.08 | 13 | | 21.50 | 16.10 | 15.37 |
| 28.0 | 1030 | 1.0 | | | 0.90 | 8.7 | | 8.3 | 9.9 | 116 | | 0.03 | 4 | 0.8 | 19.63 | 17.00 | 13.76 |
| 28.0 | 1030 | 2.0 | | | 0.89 | 8.6 | | 8.3 | 9.9 | 115 | | 0.02 | 4 | | 19.64 | 16.98 | 13.77 |
| 28.0 | 1030 | 3.0 | | | 0.85 | 8.1 | | 8.2 | 9.8 | 115 | | 0.02 | 4 | | 19.65 | 16.95 | 13.79 |
| 28.0 | 1030 | 4.0 | | | 0.80 | 7.6 | | 8.2 | 9.8 | 114 | | 0.02 | 4 | | 19.70 | 16.98 | 13.82 |
| 28.0 | 1030 | 5.0 | | | 0.76 | 7.0 | | 8.1 | 9.7 | 114 | | 0.03 | 4 | | 19.76 | 17.02 | 13.85 |
| 28.0 | 1030 | 6.0 | | | 0.72 | 6.6 | | 8.1 | 9.6 | 113 | | 0.02 | 4 | | 19.79 | 17.07 | 13.87 |
| 28.0 | 1030 | 7.0 | | | 0.68 | 6.2 | | 7.9 | 9.5 | 111 | | 0.02 | 4 | | 19.96 | 17.06 | 14.00 |
| 28.0 | 1030 | 8.0 | | | 0.64 | 5.8 | | 7.9 | 9.4 | 110 | | 0.02 | 3 | | 20.07 | 17.05 | 14.09 |
| 28.0 | 1030 | 9.0 | | | 0.60 | 5.3 | | 7.4 | 8.9 | 104 | | 0.02 | 3 | | 20.11 | 17.09 | 14.10 |
| 28.0 | 1030 | 10.0 | | | 0.51 | 4.3 | | 6.7 | 7.9 | 93 | | 0.02 | 4 | | 20.90 | 16.60 | 14.81 |
| 28.0 | 1030 | 11.0 | | | 0.42 | 3.2 | | 6.4 | 7.6 | 88 | | 0.04 | 6 | | 21.50 | 16.11 | 15.38 |
| 28.0 | 1030 | 12.0 | | | 0.38 | 2.8 | | 6.3 | 7.5 | 87 | | 0.06 | 10 | | 21.54 | 16.09 | 15.40 |
| 28.0 | 1030 | 13.0 | | | 0.38 | 2.7 | | 6.3 | 7.5 | 87 | | 0.07 | 13 | | 21.57 | 16.07 | 15.43 |
| 28.0 | 1030 | 14.0 | | | 0.41 | 3.1 | | 6.3 | 7.5 | 87 | | 0.08 | 14 | | 21.58 | 16.06 | 15.44 |
| 28.0 | 1030 | 15.0 | | | 0.42 | 3.2 | | 6.4 | 7.6 | 89 | | 0.09 | 16 | | 21.58 | 16.07 | 15.44 |
| 27.0 | 1042 | 1.0 | | | 1.27 | 12.8 | | 8.5 | 10.1 | 119 | | 0.02 | 2 | 0.8 | 19.95 | 17.38 | 13.92 |
| 27.0 | 1042 | 2.0 | 13.6 | 0.91 | 1.22 | 12.3 | 10.1 | 8.4 | 10.1 | 119 | 3.3 | 0.02 | 3 | | 19.95 | 17.27 | 13.95 |
| 27.0 | 1042 | 3.0 | | | 1.11 | 11.0 | | 8.4 | 10.0 | 118 | | 0.02 | 3 | | 19.96 | 17.21 | 13.96 |
| 27.0 | 1042 | 4.0 | | | 1.01 | 9.9 | | 8.3 | 10.0 | 117 | | 0.02 | 2 | | 19.98 | 17.20 | 13.98 |
| 27.0 | 1042 | 5.0 | | | 0.89 | 8.6 | | 8.1 | 9.6 | 113 | | 0.02 | 2 | | 20.05 | 17.21 | 14.03 |
| 27.0 | 1042 | 6.0 | | | 0.77 | 7.2 | | 7.9 | 9.5 | 111 | | 0.02 | 2 | | 20.09 | 17.06 | 14.10 |
| 27.0 | 1042 | 7.0 | | | 0.68 | 6.2 | | 7.9 | 9.4 | 110 | | 0.02 | 2 | | 20.17 | 16.81 | 14.21 |
| 27.0 | 1042 | 8.0 | | | 0.59 | 5.2 | | 7.3 | 8.7 | 102 | | 0.02 | 3 | | 20.51 | 17.03 | 14.43 |
| 27.0 | 1042 | 9.0 | | | 0.54 | 4.6 | | 7.1 | 8.4 | 99 | | 0.02 | 3 | | 20.66 | 16.91 | 14.56 |
| 27.0 | 1042 | 10.0 | | | 0.50 | 4.2 | | 6.8 | 8.1 | 94 | | 0.02 | 4 | | 20.73 | 16.83 | 14.64 |

South San Francisco Bay May 05, 1998 98125

| 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 | 1042 | 11.0 | | | 0.43 | 3.4 | | 6.5 | 7.8 | 91 | | 0.03 | 4 | | 21.17 | 16.43 | 15.06 |
| 27.0 | 1042 | 12.0 | 2.5 | 0.55 | 0.43 | 3.4 | | 6.6 | 7.9 | 92 | | 0.04 | 6 | | 21.51 | 16.17 | 15.37 |
| 26.0 | 1056 | 1.0 | | | 1.39 | 14.2 | | 9.0 | 10.7 | 125 | | 0.02 | 3 | 0.8 | 19.88 | 16.84 | 13.98 |
| 26.0 | 1056 | 2.0 | | | 1.37 | 14.0 | | 8.9 | 10.6 | 124 | | 0.02 | 3 | | 19.89 | 16.82 | 13.99 |
| 26.0 | 1056 | 3.0 | | | 1.15 | 11.5 | | 8.4 | 10.1 | 117 | | 0.02 | 3 | | 19.96 | 16.84 | 14.04 |
| 26.0 | 1056 | 4.0 | | | 0.88 | 8.4 | | 7.9 | 9.4 | 109 | | 0.02 | 3 | | 20.24 | 16.63 | 14.30 |
| 26.0 | 1056 | 5.0 | | | 0.70 | 6.4 | | 7.6 | 9.0 | 105 | | 0.02 | 4 | | 20.40 | 16.53 | 14.45 |
| 26.0 | 1056 | 6.0 | | | 0.64 | 5.7 | | 7.6 | 9.0 | 105 | | 0.03 | 6 | | 20.51 | 16.46 | 14.54 |
| 26.0 | 1056 | 7.0 | | | 0.62 | 5.5 | | 7.4 | 8.8 | 103 | | 0.04 | 6 | | 20.80 | 16.54 | 14.75 |
| 26.0 | 1056 | 8.0 | | | 0.61 | 5.3 | | 7.1 | 8.5 | 99 | | 0.03 | 5 | | 21.31 | 16.39 | 15.17 |
| 26.0 | 1056 | 9.0 | | | 0.56 | 4.8 | | 7.0 | 8.3 | 97 | | 0.03 | 5 | | 21.51 | 16.21 | 15.36 |
| 26.0 | 1056 | 10.0 | | | 0.55 | 4.7 | | 7.0 | 8.4 | 97 | | 0.06 | 10 | | 21.55 | 16.18 | 15.39 |
| 25.0 | 1112 | 1.0 | | | 0.82 | 7.7 | | 7.9 | 9.5 | 111 | | 0.02 | 3 | 0.8 | 20.52 | 16.76 | 14.49 |
| 25.0 | 1112 | 2.0 | | | 0.81 | 7.7 | | 7.6 | 9.1 | 106 | | 0.02 | 3 | | 20.83 | 16.49 | 14.78 |
| 25.0 | 1112 | 3.0 | | | 0.75 | 7.0 | | 7.2 | 8.6 | 100 | | 0.02 | 3 | | 21.36 | 16.28 | 15.23 |
| 25.0 | 1112 | 4.0 | | | 0.73 | 6.8 | | 6.9 | 8.2 | 96 | | 0.02 | 3 | | 21.63 | 16.06 | 15.48 |
| 25.0 | 1112 | 5.0 | | | 0.70 | 6.4 | | 6.8 | 8.1 | 93 | | 0.02 | 3 | | 21.99 | 15.80 | 15.81 |
| 25.0 | 1112 | 6.0 | | | 0.63 | 5.6 | | 6.6 | 7.9 | 91 | | 0.02 | 4 | | 22.17 | 15.68 | 15.97 |
| 25.0 | 1112 | 7.0 | | | 0.59 | 5.1 | | 6.5 | 7.7 | 89 | | 0.03 | 4 | | 22.32 | 15.56 | 16.11 |
| 25.0 | 1112 | 8.0 | | | 0.60 | 5.3 | | 6.6 | 7.9 | 91 | | 0.03 | 6 | | 22.58 | 15.38 | 16.34 |
| 24.0 | 1127 | 1.0 | | | 1.13 | 11.3 | | 8.4 | 10.0 | 115 | | 0.02 | 4 | 0.8 | 19.26 | 16.33 | 13.62 |
| 24.0 | 1127 | 2.0 | 9.0 | 0.85 | 1.13 | 11.3 | 9.9 | 8.3 | 10.0 | 114 | 4.0 | 0.02 | 4 | | 19.25 | 16.33 | 13.61 |
| 24.0 | 1127 | 3.0 | | | 1.12 | 11.2 | | 7.6 | 9.1 | 105 | | 0.02 | 4 | | 19.85 | 16.23 | 14.09 |
| 24.0 | 1127 | 4.0 | | | 0.95 | 9.3 | | 7.1 | 8.5 | 98 | | 0.02 | 4 | | 21.88 | 15.56 | 15.77 |
| 24.0 | 1127 | 5.0 | | | 0.77 | 7.3 | | 7.0 | 8.4 | 96 | | 0.03 | 5 | | 22.49 | 15.30 | 16.29 |
| 24.0 | 1127 | 6.0 | | | 0.71 | 6.5 | | 6.9 | 8.2 | 94 | | 0.03 | 5 | | 22.63 | 15.23 | 16.41 |
| 24.0 | 1127 | 7.0 | | | 0.65 | 5.9 | | 6.8 | 8.1 | 92 | | 0.03 | 5 | | 23.24 | 14.97 | 16.93 |
| 24.0 | 1127 | 8.0 | | | 0.62 | 5.5 | | 6.7 | 8.0 | 91 | | 0.04 | 6 | | 23.68 | 14.80 | 17.31 |
| 24.0 | 1127 | 9.0 | | | 0.65 | 5.9 | | 6.7 | 7.9 | 91 | | 0.05 | 8 | | 23.79 | 14.75 | 17.40 |
| 24.0 | 1127 | 10.0 | | | 0.69 | 6.3 | | 6.7 | 7.9 | 91 | | 0.06 | 10 | | 23.83 | 14.73 | 17.44 |
| 24.0 | 1127 | 11.0 | 7.1 | 0.70 | 0.68 | 6.2 | | 6.7 | 8.0 | 92 | | 0.08 | 14 | | 23.84 | 14.73 | 17.44 |
| 23.0 | 1142 | 1.0 | | | 1.17 | 11.8 | | 8.3 | 9.9 | 115 | | 0.03 | 4 | 0.9 | 19.51 | 16.67 | 13.74 |
| 23.0 | 1142 | 2.0 | | | 1.15 | 11.5 | | 8.2 | 9.8 | 114 | | 0.03 | 4 | | 19.51 | 16.67 | 13.74 |
| 23.0 | 1142 | 3.0 | | | 1.07 | 10.6 | | 7.9 | 9.4 | 109 | | 0.03 | 4 | | 19.52 | 16.64 | 13.75 |
| 23.0 | 1142 | 4.0 | | | 1.00 | 9.8 | | 7.6 | 9.0 | 104 | | 0.03 | 4 | | 20.19 | 16.08 | 14.38 |
| 23.0 | 1142 | 5.0 | | | 0.93 | 9.0 | | 7.4 | 8.8 | 101 | | 0.02 | 4 | | 20.89 | 15.85 | 14.96 |
| 23.0 | 1142 | 6.0 | | | 0.84 | 8.0 | | 7.3 | 8.7 | 100 | | 0.02 | 4 | | 21.15 | 15.78 | 15.17 |
| 23.0 | 1142 | 7.0 | | | 0.77 | 7.2 | | 7.2 | 8.6 | 99 | | 0.03 | 4 | | 21.25 | 15.72 | 15.26 |
| 23.0 | 1142 | 8.0 | | | 0.70 | 6.5 | | 7.1 | 8.4 | 97 | | 0.03 | 4 | | 21.71 | 15.63 | 15.63 |

South San Francisco Bay | May 05, 1998 | 98125

| 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 | 1142 | 9.0 | | | 0.63 | 5.6 | | 6.7 | 8.0 | 92 | | 0.03 | 4 | | 22.15 | 15.53 | 15.99 |
| 23.0 | 1142 | 10.0 | | | 0.53 | 4.5 | | 6.8 | 8.1 | 92 | | 0.03 | 5 | | 23.57 | 14.80 | 17.22 |
| 23.0 | 1142 | 11.0 | | | 0.50 | 4.1 | | 6.7 | 8.0 | 92 | | 0.03 | 4 | | 24.11 | 14.60 | 17.67 |
| 23.0 | 1142 | 12.0 | | | 0.53 | 4.5 | | 6.8 | 8.1 | 92 | | 0.03 | 5 | | 24.60 | 14.44 | 18.08 |
| 23.0 | 1142 | 13.0 | | | 0.58 | 5.1 | | 6.8 | 8.1 | 92 | | 0.06 | 11 | | 24.72 | 14.40 | 18.18 |
| 23.0 | 1142 | 14.0 | | | 0.65 | 5.8 | | 6.8 | 8.1 | 93 | | 0.09 | 16 | | 24.88 | 14.35 | 18.32 |
| 23.0 | 1142 | 15.0 | | | 0.65 | 5.8 | | 6.9 | 8.2 | 93 | | 0.12 | 21 | | 25.00 | 14.32 | 18.42 |
| 22.0 | 1202 | 1.0 | | | 1.16 | 11.6 | | 8.3 | 9.9 | 114 | | 0.02 | 4 | 0.8 | 19.48 | 16.28 | 13.79 |
| 22.0 | 1202 | 2.0 | | | 1.16 | 11.6 | | 8.2 | 9.7 | 112 | | 0.02 | 4 | | 19.50 | 16.26 | 13.81 |
| 22.0 | 1202 | 3.0 | | | 1.00 | 9.8 | | 7.7 | 9.1 | 105 | | 0.02 | 4 | | 20.02 | 16.05 | 14.25 |
| 22.0 | 1202 | 4.0 | | | 0.77 | 7.2 | | 7.3 | 8.7 | 100 | | 0.03 | 4 | | 21.30 | 15.68 | 15.31 |
| 22.0 | 1202 | 5.0 | | | 0.63 | 5.6 | | 7.1 | 8.5 | 97 | | 0.02 | 3 | | 22.04 | 15.36 | 15.94 |
| 22.0 | 1202 | 6.0 | | | 0.54 | 4.6 | | 7.0 | 8.3 | 95 | | 0.02 | 3 | | 22.83 | 15.07 | 16.60 |
| 22.0 | 1202 | 7.0 | | | 0.50 | 4.1 | | 6.9 | 8.2 | 94 | | 0.02 | 3 | | 23.51 | 14.84 | 17.17 |
| 22.0 | 1202 | 8.0 | | | 0.49 | 4.0 | | 6.8 | 8.1 | 93 | | 0.03 | 4 | | 23.69 | 14.76 | 17.32 |
| 22.0 | 1202 | 9.0 | | | 0.49 | 4.0 | | 6.8 | 8.1 | 92 | | 0.04 | 6 | | 23.85 | 14.70 | 17.45 |
| 22.0 | 1202 | 10.0 | | | 0.49 | 4.0 | | 6.8 | 8.0 | 92 | | 0.04 | 7 | | 23.92 | 14.67 | 17.52 |
| 22.0 | 1202 | 11.0 | | | 0.46 | 3.7 | | 6.7 | 7.9 | 91 | | 0.04 | 7 | | 24.08 | 14.61 | 17.65 |
| 22.0 | 1202 | 12.0 | | | 0.45 | 3.5 | | 6.7 | 7.9 | 91 | | 0.05 | 8 | | 24.67 | 14.42 | 18.14 |
| 22.0 | 1202 | 13.0 | | | 0.46 | 3.7 | | 6.7 | 8.0 | 91 | | 0.05 | 8 | | 25.59 | 14.16 | 18.90 |
| 22.0 | 1202 | 14.0 | | | 0.49 | 4.0 | | 6.9 | 8.2 | 93 | | 0.04 | 7 | | 26.68 | 13.84 | 19.80 |
| 22.0 | 1202 | 15.0 | | | 0.60 | 5.3 | | 7.0 | 8.3 | 95 | | 0.05 | 8 | | 27.51 | 13.63 | 20.48 |
| 22.0 | 1202 | 16.0 | | | 0.70 | 6.4 | | 7.1 | 8.5 | 97 | | 0.06 | 10 | | 27.83 | 13.54 | 20.74 |
| 22.0 | 1202 | 17.0 | | | 0.74 | 6.9 | | 7.2 | 8.5 | 98 | | 0.08 | 14 | | 27.82 | 13.54 | 20.74 |
| 22.0 | 1202 | 18.0 | | | 0.75 | 7.0 | | 7.2 | 8.6 | 98 | | 0.09 | 17 | | 27.83 | 13.54 | 20.75 |
| 21.0 | 1214 | 1.0 | | | 1.24 | 12.5 | | 8.3 | 10.0 | 115 | | 0.03 | 5 | 0.9 | 19.45 | 16.36 | 13.76 |
| 21.0 | 1214 | 2.0 | 10.1 | 0.86 | 1.23 | 12.5 | 9.9 | 8.3 | 9.9 | 114 | 5.1 | 0.03 | 5 | | 19.39 | 16.39 | 13.70 |
| 21.0 | 1214 | 3.0 | | | 1.14 | 11.4 | | 7.9 | 9.5 | 109 | | 0.03 | 5 | | 19.52 | 16.30 | 13.81 |
| 21.0 | 1214 | 4.0 | | | 0.91 | 8.8 | | 7.6 | 9.0 | 103 | | 0.03 | 5 | | 20.51 | 15.84 | 14.67 |
| 21.0 | 1214 | 5.0 | | | 0.71 | 6.6 | | 7.4 | 8.8 | 101 | | 0.03 | 4 | | 21.57 | 15.56 | 15.53 |
| 21.0 | 1214 | 6.0 | | | 0.60 | 5.3 | | 7.3 | 8.7 | 99 | | 0.02 | 3 | | 21.84 | 15.45 | 15.77 |
| 21.0 | 1214 | 7.0 | | | 0.55 | 4.7 | | 7.1 | 8.5 | 97 | | 0.02 | 3 | | 22.21 | 15.31 | 16.08 |
| 21.0 | 1214 | 8.0 | | | 0.51 | 4.3 | | 6.9 | 8.2 | 94 | | 0.02 | 3 | | 22.78 | 15.11 | 16.56 |
| 21.0 | 1214 | 9.0 | | | 0.48 | 3.9 | | 7.0 | 8.3 | 95 | | 0.02 | 4 | | 24.25 | 14.64 | 17.77 |
| 21.0 | 1214 | 10.0 | | | 0.46 | 3.7 | | 7.1 | 8.5 | 97 | | 0.03 | 4 | | 24.88 | 14.38 | 18.31 |
| 21.0 | 1214 | 11.0 | | | 0.50 | 4.2 | | 7.1 | 8.5 | 97 | | 0.02 | 4 | | 25.15 | 14.31 | 18.53 |
| 21.0 | 1214 | 12.0 | | | 0.54 | 4.6 | | 7.1 | 8.5 | 97 | | 0.02 | 4 | | 25.53 | 14.20 | 18.84 |
| 21.0 | 1214 | 13.0 | | | 0.55 | 4.7 | | 7.2 | 8.6 | 98 | | 0.03 | 4 | | 25.95 | 14.08 | 19.19 |
| 21.0 | 1214 | 14.0 | | | 0.58 | 5.1 | | 7.2 | 8.6 | 99 | | 0.03 | 5 | | 26.16 | 14.02 | 19.37 |
| 21.0 | 1214 | 15.0 | | | 0.61 | 5.4 | | 7.3 | 8.7 | 99 | | 0.04 | 6 | | 26.40 | 13.95 | 19.57 |
| 21.0 | 1214 | 16.0 | | | 0.69 | 6.3 | | 7.3 | 8.7 | 100 | | 0.04 | 7 | | 26.61 | 13.89 | 19.73 |

South San Francisco Bay May 05, 1998 98125

| 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 | 1214 | 17.0 | 7.9 | 0.61 | 0.70 | 6.5 | | 7.3 | 8.7 | 100 | | 0.06 | 11 | | 26.84 | 13.83 | 19.92 |

| | n | r^2 | Slope | Inter. | Std. Err. |
|---|---|---|---|---|---|
| Fluorometer Calibration: | 10 | 0.975 | 11.343 | -1.536 | 1.480 |
| OBS Calibration: | 5 | 0.999 | 186.324 | -0.745 | 0.984 |
| Dissolved Oxygen Calibration: | 5 | 0.997 | 1.199 | -0.052 | 0.058 |

SeaBird v4.026

South San Francisco Bay May 14, 1998 98134

| 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 | 1335 | 1.0 | | | 0.70 | 7.8 | | | | | | 0.92 | 116 | 7.1 | 15.91 | 15.85 | 11.15 |
| 36.0 | 1335 | 2.0 | 5.5 | 0.35 | 0.71 | 8.0 | | | | | 141.0 | 1.14 | 143 | | 16.03 | 15.85 | 11.24 |
| 36.0 | 1335 | 3.0 | | | 0.74 | 8.4 | | | | | | 1.38 | 170 | | 16.08 | 15.85 | 11.28 |
| 36.0 | 1335 | 4.0 | | | 0.76 | 8.6 | | | | | | 1.85 | 225 | | 16.13 | 15.84 | 11.32 |
| 36.0 | 1335 | 5.0 | | | 0.77 | 8.8 | | | | | | 2.56 | 307 | | 16.15 | 15.84 | 11.33 |
| 36.0 | 1335 | 6.0 | 8.3 | 0.13 | 0.77 | 8.7 | | | | | | 3.28 | 391 | | 16.14 | 15.84 | 11.33 |
| 35.0 | 1326 | 1.0 | | | 0.62 | 6.6 | | | | | | 0.93 | 117 | 9.5 | 16.22 | 15.81 | 11.39 |
| 35.0 | 1326 | 2.0 | | | 0.63 | 6.8 | | | | | | 0.96 | 122 | | 16.52 | 15.77 | 11.63 |
| 35.0 | 1326 | 3.0 | | | 0.66 | 7.2 | | | | | | 1.04 | 131 | | 16.59 | 15.78 | 11.68 |
| 35.0 | 1326 | 4.0 | | | 0.68 | 7.5 | | | | | | 1.26 | 156 | | 16.60 | 15.79 | 11.69 |
| 35.0 | 1326 | 5.0 | | | 0.70 | 7.7 | | | | | | 1.49 | 183 | | 16.60 | 15.79 | 11.69 |
| 35.0 | 1326 | 6.0 | | | 0.71 | 8.0 | | | | | | 1.93 | 234 | | 16.59 | 15.79 | 11.68 |
| 35.0 | 1326 | 7.0 | | | 0.72 | 8.0 | | | | | | 2.19 | 265 | | 16.56 | 15.79 | 11.66 |
| 34.0 | 1316 | 1.0 | | | 0.51 | 5.1 | | | | | | 0.25 | 38 | 3.1 | 16.09 | 15.87 | 11.28 |
| 34.0 | 1316 | 2.0 | | | 0.51 | 5.1 | | | | | | 0.25 | 39 | | 16.44 | 15.84 | 11.55 |
| 34.0 | 1316 | 3.0 | | | 0.52 | 5.2 | | | | | | 0.27 | 41 | | 16.84 | 15.80 | 11.87 |
| 34.0 | 1316 | 4.0 | | | 0.57 | 5.9 | | | | | | 0.35 | 50 | | 17.19 | 15.77 | 12.15 |
| 34.0 | 1316 | 5.0 | | | 0.63 | 6.8 | | | | | | 0.56 | 75 | | 17.24 | 15.76 | 12.18 |
| 34.0 | 1316 | 6.0 | | | 0.70 | 7.8 | | | | | | 0.89 | 114 | | 17.24 | 15.75 | 12.18 |
| 34.0 | 1316 | 7.0 | | | 0.71 | 7.8 | | | | | | 1.36 | 168 | | 17.19 | 15.74 | 12.15 |
| 33.0 | 1304 | 1.0 | | | 0.50 | 5.0 | | | | | | 0.16 | 28 | 2.3 | 17.37 | 15.95 | 12.24 |
| 33.0 | 1304 | 2.0 | | | 0.50 | 5.0 | | | | | | 0.16 | 28 | | 17.41 | 15.93 | 12.28 |
| 33.0 | 1304 | 3.0 | | | 0.49 | 4.8 | | | | | | 0.18 | 30 | | 17.42 | 15.92 | 12.29 |
| 33.0 | 1304 | 4.0 | | | 0.50 | 5.0 | | | | | | 0.21 | 34 | | 17.44 | 15.92 | 12.31 |
| 33.0 | 1304 | 5.0 | | | 0.53 | 5.3 | | | | | | 0.26 | 40 | | 17.49 | 15.89 | 12.35 |
| 33.0 | 1304 | 6.0 | | | 0.54 | 5.6 | | | | | | 0.36 | 51 | | 17.51 | 15.88 | 12.36 |
| 33.0 | 1304 | 7.0 | | | 0.56 | 5.7 | | | | | | 0.45 | 62 | | 17.53 | 15.86 | 12.39 |
| 33.0 | 1304 | 8.0 | | | 0.56 | 5.8 | | | | | | 0.51 | 68 | | 17.55 | 15.85 | 12.40 |
| 33.0 | 1304 | 9.0 | | | 0.59 | 6.2 | | | | | | 0.56 | 74 | | 17.57 | 15.84 | 12.42 |
| 33.0 | 1304 | 10.0 | | | 0.61 | 6.6 | | | | | | 0.64 | 84 | | 17.62 | 15.82 | 12.46 |
| 33.0 | 1304 | 11.0 | | | 0.64 | 6.9 | | | | | | 0.75 | 97 | | 17.65 | 15.82 | 12.49 |
| 33.0 | 1304 | 12.0 | | | 0.65 | 7.0 | | | | | | 0.95 | 119 | | 17.66 | 15.81 | 12.49 |
| 32.0 | 1256 | 1.0 | | | 0.52 | 5.3 | | | | | | 0.16 | 28 | 2.4 | 17.74 | 15.98 | 12.52 |
| 32.0 | 1256 | 2.0 | 5.0 | 0.54 | 0.52 | 5.3 | | | | | 45.8 | 0.16 | 28 | | 17.85 | 15.95 | 12.61 |
| 32.0 | 1256 | 3.0 | | | 0.54 | 5.5 | | | | | | 0.21 | 34 | | 17.89 | 15.91 | 12.65 |
| 32.0 | 1256 | 4.0 | | | 0.55 | 5.7 | | | | | | 0.30 | 45 | | 17.90 | 15.89 | 12.66 |
| 32.0 | 1256 | 5.0 | | | 0.56 | 5.8 | | | | | | 0.47 | 63 | | 17.90 | 15.89 | 12.66 |
| 32.0 | 1256 | 6.0 | | | 0.58 | 6.1 | | | | | | 0.50 | 67 | | 17.90 | 15.87 | 12.66 |
| 32.0 | 1256 | 7.0 | | | 0.60 | 6.3 | | | | | | 0.56 | 74 | | 17.90 | 15.87 | 12.66 |

South San Francisco Bay May 14, 1998 98134

| 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 | 1256 | 8.0 | | | 0.63 | 6.7 | | | | | | 0.61 | 81 | | 17.89 | 15.87 | 12.66 |
| 32.0 | 1256 | 9.0 | | | 0.66 | 7.2 | | | | | | 0.69 | 90 | | 17.88 | 15.84 | 12.66 |
| 32.0 | 1256 | 10.0 | | | 0.68 | 7.5 | | | | | | 0.84 | 107 | | 17.88 | 15.84 | 12.66 |
| 32.0 | 1256 | 11.0 | 7.8 | 0.27 | 0.68 | 7.5 | | | | | | 1.10 | 137 | | 17.88 | 15.83 | 12.66 |
| 31.0 | 1244 | 1.0 | | | 0.59 | 6.2 | | | | | | 0.17 | 29 | 2.3 | 17.75 | 16.06 | 12.52 |
| 31.0 | 1244 | 2.0 | | | 0.55 | 5.6 | | | | | | 0.17 | 29 | | 17.89 | 15.97 | 12.64 |
| 31.0 | 1244 | 3.0 | | | 0.50 | 4.9 | | | | | | 0.18 | 30 | | 18.06 | 15.89 | 12.78 |
| 31.0 | 1244 | 4.0 | | | 0.47 | 4.6 | | | | | | 0.19 | 31 | | 18.19 | 15.90 | 12.88 |
| 31.0 | 1244 | 5.0 | | | 0.46 | 4.4 | | | | | | 0.22 | 34 | | 18.22 | 15.89 | 12.91 |
| 31.0 | 1244 | 6.0 | | | 0.46 | 4.4 | | | | | | 0.25 | 38 | | 18.32 | 15.86 | 12.99 |
| 31.0 | 1244 | 7.0 | | | 0.48 | 4.6 | | | | | | 0.30 | 44 | | 18.35 | 15.83 | 13.02 |
| 31.0 | 1244 | 8.0 | | | 0.49 | 4.9 | | | | | | 0.41 | 57 | | 18.38 | 15.81 | 13.04 |
| 31.0 | 1244 | 9.0 | | | 0.50 | 4.9 | | | | | | 0.45 | 61 | | 18.38 | 15.81 | 13.04 |
| 31.0 | 1244 | 10.0 | | | 0.51 | 5.1 | | | | | | 0.47 | 65 | | 18.38 | 15.80 | 13.05 |
| 31.0 | 1244 | 11.0 | | | 0.53 | 5.3 | | | | | | 0.57 | 76 | | 18.37 | 15.79 | 13.04 |
| 31.0 | 1244 | 12.0 | | | 0.55 | 5.7 | | | | | | 0.59 | 78 | | 18.37 | 15.78 | 13.04 |
| 31.0 | 1244 | 13.0 | | | 0.57 | 5.9 | | | | | | 0.66 | 86 | | 18.37 | 15.78 | 13.04 |
| 31.0 | 1244 | 14.0 | | | 0.56 | 5.8 | | | | | | 0.77 | 99 | | 18.37 | 15.78 | 13.04 |
| 30.0 | 1228 | 1.0 | | | 0.62 | 6.6 | | | | | | 0.15 | 27 | 2.1 | 18.21 | 16.15 | 12.85 |
| 30.0 | 1228 | 2.0 | 6.8 | 0.69 | 0.58 | 6.1 | | | | | 24.0 | 0.15 | 27 | | 18.28 | 16.08 | 12.91 |
| 30.0 | 1228 | 3.0 | | | 0.48 | 4.7 | | | | | | 0.15 | 27 | | 18.54 | 15.90 | 13.15 |
| 30.0 | 1228 | 4.0 | | | 0.41 | 3.6 | | | | | | 0.16 | 28 | | 18.60 | 15.86 | 13.21 |
| 30.0 | 1228 | 5.0 | | | 0.36 | 3.0 | | | | | | 0.17 | 29 | | 18.67 | 15.83 | 13.27 |
| 30.0 | 1228 | 6.0 | | | 0.35 | 2.9 | | | | | | 0.18 | 30 | | 18.79 | 15.81 | 13.36 |
| 30.0 | 1228 | 7.0 | | | 0.36 | 2.9 | | | | | | 0.22 | 34 | | 18.79 | 15.82 | 13.35 |
| 30.0 | 1228 | 8.0 | | | 0.38 | 3.2 | | | | | | 0.28 | 42 | | 18.86 | 15.81 | 13.41 |
| 30.0 | 1228 | 9.0 | | | 0.41 | 3.7 | | | | | | 0.32 | 46 | | 18.87 | 15.81 | 13.42 |
| 30.0 | 1228 | 10.0 | | | 0.44 | 4.1 | | | | | | 0.41 | 57 | | 18.88 | 15.81 | 13.43 |
| 30.0 | 1228 | 11.0 | | | 0.46 | 4.4 | | | | | | 0.50 | 68 | | 18.88 | 15.81 | 13.43 |
| 30.0 | 1228 | 12.0 | 3.8 | 0.26 | 0.46 | 4.4 | | | | | | 0.62 | 82 | | 18.89 | 15.81 | 13.43 |
| 29.5 | 1214 | 1.0 | | | 0.45 | 4.2 | | | | | | 0.15 | 26 | 2.0 | 18.76 | 16.01 | 13.30 |
| 29.5 | 1214 | 2.0 | | | 0.42 | 3.8 | | | | | | 0.15 | 26 | | 18.92 | 15.90 | 13.44 |
| 29.5 | 1214 | 3.0 | | | 0.38 | 3.3 | | | | | | 0.15 | 27 | | 19.01 | 15.84 | 13.52 |
| 29.5 | 1214 | 4.0 | | | 0.35 | 2.9 | | | | | | 0.16 | 27 | | 19.06 | 15.82 | 13.56 |
| 29.5 | 1214 | 5.0 | | | 0.34 | 2.7 | | | | | | 0.16 | 28 | | 19.13 | 15.79 | 13.62 |
| 29.5 | 1214 | 6.0 | | | 0.34 | 2.7 | | | | | | 0.18 | 31 | | 19.17 | 15.78 | 13.66 |
| 29.5 | 1214 | 7.0 | | | 0.35 | 2.8 | | | | | | 0.20 | 33 | | 19.18 | 15.78 | 13.66 |
| 29.5 | 1214 | 8.0 | | | 0.36 | 2.9 | | | | | | 0.20 | 33 | | 19.18 | 15.78 | 13.66 |
| 29.5 | 1214 | 9.0 | | | 0.36 | 3.0 | | | | | | 0.21 | 34 | | 19.18 | 15.78 | 13.67 |
| 29.5 | 1214 | 10.0 | | | 0.37 | 3.1 | | | | | | 0.21 | 34 | | 19.19 | 15.77 | 13.68 |

South San Francisco Bay | May 14, 1998 | 98134

| 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 | 1214 | 11.0 | | | 0.37 | 3.2 | | | | | | 0.23 | 37 | | 19.21 | 15.77 | 13.69 |
| 29.5 | 1214 | 12.0 | | | 0.38 | 3.2 | | | | | | 0.25 | 39 | | 19.22 | 15.77 | 13.70 |
| 29.5 | 1214 | 13.0 | | | 0.38 | 3.3 | | | | | | 0.27 | 41 | | 19.22 | 15.77 | 13.70 |
| 29.5 | 1214 | 14.0 | | | 0.38 | 3.3 | | | | | | 0.29 | 43 | | 19.24 | 15.76 | 13.72 |
| 29.0 | 1203 | 1.0 | | | 0.40 | 3.6 | | | | | | 0.11 | 23 | 1.6 | 19.30 | 15.91 | 13.73 |
| 29.0 | 1203 | 2.0 | | | 0.39 | 3.4 | | | | | | 0.11 | 23 | | 19.30 | 15.89 | 13.73 |
| 29.0 | 1203 | 3.0 | | | 0.37 | 3.1 | | | | | | 0.11 | 23 | | 19.33 | 15.84 | 13.77 |
| 29.0 | 1203 | 4.0 | | | 0.36 | 3.0 | | | | | | 0.13 | 24 | | 19.35 | 15.80 | 13.79 |
| 29.0 | 1203 | 5.0 | | | 0.35 | 2.8 | | | | | | 0.13 | 24 | | 19.37 | 15.77 | 13.81 |
| 29.0 | 1203 | 6.0 | | | 0.34 | 2.7 | | | | | | 0.14 | 25 | | 19.37 | 15.76 | 13.82 |
| 29.0 | 1203 | 7.0 | | | 0.35 | 2.8 | | | | | | 0.14 | 25 | | 19.38 | 15.76 | 13.82 |
| 29.0 | 1203 | 8.0 | | | 0.36 | 3.0 | | | | | | 0.14 | 26 | | 19.38 | 15.75 | 13.82 |
| 29.0 | 1203 | 9.0 | | | 0.36 | 3.0 | | | | | | 0.14 | 26 | | 19.39 | 15.73 | 13.84 |
| 29.0 | 1203 | 10.0 | | | 0.36 | 3.0 | | | | | | 0.14 | 26 | | 19.40 | 15.72 | 13.84 |
| 29.0 | 1203 | 11.0 | | | 0.36 | 3.0 | | | | | | 0.15 | 27 | | 19.41 | 15.71 | 13.85 |
| 29.0 | 1203 | 12.0 | | | 0.37 | 3.1 | | | | | | 0.17 | 29 | | 19.42 | 15.70 | 13.86 |
| 29.0 | 1203 | 13.0 | | | 0.37 | 3.1 | | | | | | 0.17 | 30 | | 19.42 | 15.70 | 13,86 |
| 29.0 | 1203 | 14.0 | | | 0.37 | 3.1 | | | | | | 0.17 | 30 | | 19.42 | 15.70 | 13.86 |
| 28.0 | 1149 | 1.0 | | | 0.37 | 3.2 | | | | | | 0.12 | 24 | 1.7 | 19.26 | 15.97 | 13.69 |
| 28.0 | 1149 | 2.0 | | | 0.36 | 2.9 | | | | | | 0.13 | 24 | | 19.33 | 15.84 | 13.77 |
| 28.0 | 1149 | 3.0 | | | 0.34 | 2.7 | | | | | | 0.14 | 26 | | 19.35 | 15.83 | 13.78 |
| 28.0 | 1149 | 4.0 | | | 0.33 | 2.5 | | | | | | 0.15 | 27 | | 19.35 | 15.81 | 13.79 |
| 28.0 | 1149 | 5.0 | | | 0.32 | 2.4 | | | | | | 0.16 | 28 | | 19.36 | 15.80 | 13.80 |
| 28.0 | 1149 | 6.0 | | | 0.31 | 2.3 | | | | | | 0.16 | 28 | | 19.37 | 15.78 | 13.81 |
| 28.0 | 1149 | 7.0 | | | 0.31 | 2.3 | | | | | | 0.16 | 28 | | 19.38 | 15.77 | 13.82 |
| 28.0 | 1149 | 8.0 | | | 0.32 | 2.4 | | | | | | 0.15 | 27 | | 19.44 | 15.74 | 13.87 |
| 28.0 | 1149 | 9.0 | | | 0.31 | 2.3 | | | | | | 0.13 | 25 | | 19.51 | 15.73 | 13.92 |
| 28.0 | 1149 | 10.0 | | | 0.31 | 2.3 | | | | | | 0.13 | 24 | | 19.53 | 15.72 | 13.94 |
| 28.0 | 1149 | 11.0 | | | 0.32 | 2.4 | | | | | | 0.13 | 24 | | 19.57 | 15.72 | 13.97 |
| 28.0 | 1149 | 12.0 | | | 0.33 | 2.6 | | | | | | 0.16 | 27 | | 19.59 | 15.72 | 13.99 |
| 28.0 | 1149 | 13.0 | | | 0.33 | 2.6 | | | | | | 0.16 | 28 | | 19.59 | 15.72 | 13.99 |
| 27.0 | 1136 | 1.0 | | | 0.42 | 3.8 | | | | | | 0.11 | 22 | 1.6 | 19.47 | 16.10 | 13.82 |
| 27.0 | 1136 | 2.0 | 3.2 | 0.57 | 0.42 | 3.8 | | | | | 22.1 | 0.11 | 22 | | 19.48 | 16.02 | 13.84 |
| 27.0 | 1136 | 3.0 | | | 0.41 | 3.7 | | | | | | 0.11 | 22 | | 19.48 | 15.98 | 13.85 |
| 27.0 | 1136 | 4.0 | | | 0.40 | 3.5 | | | | | | 0.12 | 23 | | 19.48 | 15.89 | 13.87 |
| 27.0 | 1136 | 5.0 | | | 0.38 | 3.3 | | | | | | 0.13 | 24 | | 19.48 | 15.86 | 13.87 |
| 27.0 | 1136 | 6.0 | | | 0.38 | 3.2 | | | | | | 0.15 | 27 | | 19.47 | 15.86 | 13.87 |
| 27.0 | 1136 | 7.0 | | | 0.38 | 3.3 | | | | | | 0.17 | 29 | | 19.48 | 15.82 | 13.88 |
| 27.0 | 1136 | 8.0 | | | 0.40 | 3.5 | | | | | | 0.19 | 31 | | 19.48 | 15.81 | 13.89 |
| 27.0 | 1136 | 9.0 | | | 0.40 | 3.6 | | | | | | 0.20 | 33 | | 19.48 | 15.81 | 13.89 |

South San Francisco Bay | May 14, 1998 | 98134

| 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 | 1136 | 10.0 | | | 0.40 | 3.6 | | | | | | 0.21 | 34 | | 19.48 | 15.81 | 13.89 |
| 27.0 | 1136 | 11.0 | 3.1 | 0.44 | 0.40 | 3.6 | | | | | | 0.22 | 35 | | 19.48 | 15.81 | 13.89 |
| 26.0 | 1124 | 1.0 | | | 0.47 | 4.5 | | | | | | 0.07 | 18 | 1.2 | 19.93 | 16.04 | 14.19 |
| 26.0 | 1124 | 2.0 | | | 0.50 | 4.9 | | | | | | 0.07 | 17 | | 19.93 | 15.98 | 14.20 |
| 26.0 | 1124 | 3.0 | | | 0.46 | 4.4 | | | | | | 0.07 | 18 | | 19.93 | 15.88 | 14.22 |
| 26.0 | 1124 | 4.0 | | | 0.41 | 3.7 | | | | | | 0.07 | 18 | | 19.92 | 15.85 | 14.21 |
| 26.0 | 1124 | 5.0 | | | 0.38 | 3.3 | | | | | | 0.08 | 18 | | 19.92 | 15.84 | 14.21 |
| 26.0 | 1124 | 6.0 | | | 0.37 | 3.1 | | | | | | 0.08 | 19 | | 19.92 | 15.83 | 14.22 |
| 26.0 | 1124 | 7.0 | | | 0.35 | 2.9 | | | | | | 0.09 | 19 | | 19.92 | 15.81 | 14.22 |
| 26.0 | 1124 | 8.0 | | | 0.34 | 2.7 | | | | | | 0.09 | 20 | | 19.91 | 15.79 | 14.22 |
| 26.0 | 1124 | 9.0 | | | 0.34 | 2.7 | | | | | | 0.09 | 20 | | 19.90 | 15.75 | 14.22 |
| 25.0 | 1110 | 1.0 | | | 0.49 | 4.9 | | | | | | 0.08 | 18 | 1.1 | 20.58 | 15.66 | 14.76 |
| 25.0 | 1110 | 2.0 | | | 0.51 | 5.0 | | | | | | 0.07 | 18 | | 20.58 | 15.66 | 14.76 |
| 25.0 | 1110 | 3.0 | | | 0.49 | 4.8 | | | | | | 0.07 | 17 | | 20.58 | 15.65 | 14.76 |
| 25.0 | 1110 | 4.0 | | | 0.46 | 4.4 | | | | | | 0.07 | 17 | | 20.58 | 15.63 | 14.76 |
| 25.0 | 1110 | 5.0 | | | 0.44 | 4.1 | | | | | | 0.08 | 18 | | 20.57 | 15.63 | 14.76 |
| 25.0 | 1110 | 6.0 | | | 0.42 | 3.8 | | | | | | 0.08 | 19 | | 20.57 | 15.61 | 14.76 |
| 25.0 | 1110 | 7.0 | | | 0.40 | 3.5 | | | | | | 0.09 | 20 | | 20.56 | 15.59 | 14.76 |
| 25.0 | 1110 | 8.0 | | | 0.40 | 3.6 | | | | | | 0.11 | 23 | | 20.55 | 15.59 | 14.75 |
| 24.0 | 1055 | 1.0 | | | 0.63 | 6.8 | | | | | | 0.04 | 14 | 0.9 | 20.99 | 15.36 | 15.13 |
| 24.0 | 1055 | 2.0 | 8.7 | 0.85 | 0.67 | 7.3 | | | | | 6.2 | 0.04 | 14 | | 21.00 | 15.33 | 15.14 |
| 24.0 | 1055 | 3.0 | | | 0.68 | 7.4 | | | | | | 0.05 | 15 | | 21.00 | 15.31 | 15.15 |
| 24.0 | 1055 | 4.0 | | | 0.65 | 7.1 | | | | | | 0.05 | 15 | | 21.02 | 15.30 | 15.17 |
| 24.0 | 1055 | 5.0 | | | 0.62 | 6.6 | | | | | | 0.05 | 16 | | 21.01 | 15.31 | 15.16 |
| 24.0 | 1055 | 6.0 | | | 0.60 | 6.3 | | | | | | 0.05 | 15 | | 21.02 | 15.29 | 15.17 |
| 24.0 | 1055 | 7.0 | | | 0.59 | 6.2 | | | | | | 0.05 | 16 | | 21.03 | 15.29 | 15.18 |
| 24.0 | 1055 | 8.0 | | | 0.59 | 6.2 | | | | | | 0.06 | 17 | | 21.03 | 15.29 | 15.18 |
| 24.0 | 1055 | 9.0 | 7.5 | 0.79 | 0.59 | 6.2 | | | | | | 0.07 | 17 | | 21.04 | 15.29 | 15.18 |
| 23.0 | 1041 | 1.0 | | | 0.63 | 6.8 | | | | | | 0.05 | 15 | 0.9 | 20.60 | 15.36 | 14.83 |
| 23.0 | 1041 | 2.0 | | | 0.66 | 7.2 | | | | | | 0.04 | 14 | | 20.60 | 15.35 | 14.84 |
| 23.0 | 1041 | 3.0 | | | 0.57 | 6.0 | | | | | | 0.04 | 14 | | 20.62 | 15.26 | 14.86 |
| 23.0 | 1041 | 4.0 | | | 0.47 | 4.5 | | | | | | 0.04 | 14 | | 20.64 | 15.20 | 14.90 |
| 23.0 | 1041 | 5.0 | | | 0.43 | 3.9 | | | | | | 0.04 | 14 | | 20.65 | 15.20 | 14.90 |
| 23.0 | 1041 | 6.0 | | | 0.42 | 3.8 | | | | | | 0.04 | 14 | | 20.67 | 15.20 | 14.92 |
| 23.0 | 1041 | 7.0 | | | 0.41 | 3.6 | | | | | | 0.04 | 14 | | 20.68 | 15.21 | 14.92 |
| 23.0 | 1041 | 8.0 | | | 0.41 | 3.6 | | | | | | 0.04 | 14 | | 20.70 | 15.22 | 14.94 |
| 23.0 | 1041 | 9.0 | | | 0.40 | 3.5 | | | | | | 0.04 | 14 | | 20.77 | 15.25 | 14.99 |
| 23.0 | 1041 | 10.0 | | | 0.38 | 3.2 | | | | | | 0.04 | 14 | | 20.81 | 15.23 | 15.02 |
| 23.0 | 1041 | 11.0 | | | 0.35 | 2.9 | | | | | | 0.05 | 15 | | 20.89 | 15.15 | 15.10 |

South San Francisco Bay May 14, 1998 98134

| 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 | 1041 | 12.0 | | | 0.35 | 2.9 | | | | | | 0.06 | 16 | | 21.17 | 15.01 | 15.34 |
| 23.0 | 1041 | 13.0 | | | 0.40 | 3.6 | | | | | | 0.10 | 21 | | 21.28 | 14.98 | 15.43 |
| 23.0 | 1041 | 14.0 | | | 0.41 | 3.6 | | | | | | 0.23 | 36 | | 21.33 | 14.98 | 15.47 |
| 22.0 | 1024 | 1.0 | | | 0.47 | 4.5 | | | | | | 0.04 | 14 | 0.9 | 20.81 | 15.17 | 15.03 |
| 22.0 | 1024 | 2.0 | | | 0.49 | 4.9 | | | | | | 0.04 | 14 | | 20.81 | 15.16 | 15.03 |
| 22.0 | 1024 | 3.0 | | | 0.52 | 5.2 | | | | | | 0.04 | 14 | | 20.81 | 15.15 | 15.04 |
| 22.0 | 1024 | 4.0 | | | 0.51 | 5.2 | | | | | | 0.04 | 14 | | 20.82 | 15.13 | 15.04 |
| 22.0 | 1024 | 5.0 | | | 0.51 | 5.1 | | | | | | 0.04 | 14 | | 20.83 | 15.10 | 15.06 |
| 22.0 | 1024 | 6.0 | | | 0.49 | 4.9 | | | | | | 0.04 | 14 | | 20.85 | 15.09 | 15.08 |
| 22.0 | 1024 | 7.0 | | | 0.48 | 4.6 | | | | | | 0.04 | 14 | | 20.92 | 15.08 | 15.13 |
| 22.0 | 1024 | 8.0 | | | 0.43 | 4.0 | | | | | | 0.05 | 15 | | 20.97 | 15.06 | 15.17 |
| 22.0 | 1024 | 9.0 | | | 0.37 | 3.2 | | | | | | 0.05 | 15 | | 21.18 | 15.02 | 15.34 |
| 22.0 | 1024 | 10.0 | | | 0.34 | 2.7 | | | | | | 0.05 | 15 | | 21.28 | 15.00 | 15.43 |
| 22.0 | 1024 | 11.0 | | | 0.33 | 2.5 | | | | | | 0.05 | 15 | | 21.49 | 14.95 | 15.60 |
| 22.0 | 1024 | 12.0 | | | 0.32 | 2.4 | | | | | | 0.05 | 15 | | 21.70 | 14.86 | 15.77 |
| 22.0 | 1024 | 13.0 | | | 0.31 | 2.2 | | | | | | 0.06 | 16 | | 21.90 | 14.77 | 15.95 |
| 22.0 | 1024 | 14.0 | | | 0.30 | 2.1 | | | | | | 0.06 | 16 | | 22.26 | 14.66 | 16.24 |
| 22.0 | 1024 | 15.0 | | | 0.28 | 1.9 | | | | | | 0.06 | 16 | | 22.56 | 14.56 | 16.49 |
| 22.0 | 1024 | 16.0 | | | 0.28 | 1.8 | | | | | | 0.06 | 16 | | 23.17 | 14.37 | 17.00 |
| 22.0 | 1024 | 17.0 | | | 0.29 | 2.0 | | | | | | 0.09 | 19 | | 23.68 | 14.25 | 17.41 |
| 22.0 | 1024 | 18.0 | | | 0.32 | 2.4 | | | | | | 0.15 | 27 | | 23.75 | 14.24 | 17.47 |
| 22.0 | 1024 | 19.0 | | | 0.32 | 2.4 | | | | | | 0.24 | 38 | | 23.76 | 14.23 | 17.48 |
| 21.0 | 1010 | 1.0 | | | 0.65 | 7.1 | | | | | | 0.06 | 16 | 1.0 | 20.80 | 15.40 | 14.98 |
| 21.0 | 1010 | 2.0 | 7.8 | 0.83 | 0.65 | 7.1 | | | | | 10.3 | 0.06 | 16 | | 20.79 | 15.41 | 14.97 |
| 21.0 | 1010 | 3.0 | | | 0.65 | 7.0 | | | | | | 0.06 | 16 | | 20.77 | 15.45 | 14.95 |
| 21.0 | 1010 | 4.0 | | | 0.67 | 7.4 | | | | | | 0.05 | 16 | | 20.76 | 15.44 | 14.94 |
| 21.0 | 1010 | 5.0 | | | 0.63 | 6.8 | | | | | | 0.05 | 16 | | 20.88 | 15.34 | 15.05 |
| 21.0 | 1010 | 6.0 | | | 0.51 | 5.0 | | | | | | 0.05 | 16 | | 21.07 | 15.21 | 15.23 |
| 21.0 | 1010 | 7.0 | | | 0.44 | 4.1 | | | | | | 0.06 | 16 | | 21.10 | 15.19 | 15.25 |
| 21.0 | 1010 | 8.0 | | | 0.42 | 3.8 | | | | | | 0.06 | 16 | | 21.12 | 15.17 | 15.27 |
| 21.0 | 1010 | 9.0 | | | 0.39 | 3.4 | | | | | | 0.06 | 16 | | 21.26 | 15.09 | 15.39 |
| 21.0 | 1010 | 10.0 | | | 0.37 | 3.1 | | | | | | 0.06 | 16 | | 21.73 | 14.95 | 15.78 |
| 21.0 | 1010 | 11.0 | | | 0.36 | 2.9 | | | | | | 0.06 | 16 | | 21.96 | 14.86 | 15.97 |
| 21.0 | 1010 | 12.0 | | | 0.34 | 2.7 | | | | | | 0.07 | 17 | | 22.53 | 14.65 | 16.45 |
| 21.0 | 1010 | 13.0 | | | 0.34 | 2.7 | | | | | | 0.11 | 23 | | 23.15 | 14.53 | 16.95 |
| 21.0 | 1010 | 14.0 | | | 0.34 | 2.8 | | | | | | 0.17 | 29 | | 23.34 | 14.49 | 17.11 |
| 21.0 | 1010 | 15.0 | | | 0.36 | 2.9 | | | | | | 0.25 | 38 | | 23.36 | 14.49 | 17.12 |
| 21.0 | 1010 | 16.0 | | | 0.38 | 3.2 | | | | | | 0.29 | 43 | | 23.36 | 14.49 | 17.12 |
| 21.0 | 1010 | 17.0 | 3.5 | 0.37 | 0.38 | 3.2 | | | | | | 0.32 | 47 | | 23.38 | 14.50 | 17.13 |

South San Francisco Bay | May 14, 1998 | 98134

| | n | r^2 | Slope | Inter. | Std. Err. |
|---|---|---|---|---|---|
| Fluorometer Calibration: | 12 | 0.755 | 14.051 | -2.079 | 1.109 |
| OBS Calibration: | 6 | 0.967 | 116.386 | 9.350 | 10.257 |

SeaBird v4.026

North San Francisco Bay May 19, 1998 98139

| 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 | 1839 | 1.0 | | | 0.28 | 2.1 | | | | | | 0.19 | 29 | 2.4 | 0.08 | 15.07 | 0.00 |
| 657.0 | 1839 | 2.0 | 2.5 | 0.65 | 0.28 | 2.1 | | | | | 28.2 | 0.18 | 28 | | 0.08 | 15.08 | 0.00 |
| 657.0 | 1839 | 3.0 | | | 0.28 | 2.1 | | | | | | 0.18 | 28 | | 0.08 | 15.08 | 0.00 |
| 657.0 | 1839 | 4.0 | | | 0.28 | 2.1 | | | | | | 0.18 | 29 | | 0.08 | 15.08 | 0.00 |
| 657.0 | 1839 | 5.0 | | | 0.28 | 2.1 | | | | | | 0.19 | 29 | | 0.08 | 15.08 | 0.00 |
| 657.0 | 1839 | 6.0 | | | 0.29 | 2.1 | | | | | | 0.19 | 29 | | 0.08 | 15.08 | 0.00 |
| 657.0 | 1839 | 7.0 | | | 0.29 | 2.2 | | | | | | 0.19 | 29 | | 0.08 | 15.08 | 0.00 |
| 657.0 | 1839 | 8.0 | | | 0.29 | 2.2 | | | | | | 0.19 | 29 | | 0.08 | 15.08 | 0.00 |
| 657.0 | 1839 | 9.0 | | | 0.28 | 2.1 | | | | | | 0.19 | 29 | | 0.08 | 15.08 | 0.00 |
| 657.0 | 1839 | 10.0 | 2.5 | 0.31 | 0.28 | 2.1 | | | | | | 0.19 | 29 | | 0.08 | 15.08 | 0.00 |
| 649.0 | 1741 | 1.0 | | | 0.28 | 2.0 | | | | | | 0.15 | 23 | 1.8 | 0.06 | 14.70 | 0.00 |
| 649.0 | 1741 | 2.0 | 2.8 | 0.74 | 0.28 | 2.1 | | | | | 23.1 | 0.15 | 23 | | 0.06 | 14.70 | 0.00 |
| 649.0 | 1741 | 3.0 | | | 0.29 | 2.2 | | | | | | 0.15 | 23 | | 0.06 | 14.70 | 0.00 |
| 649.0 | 1741 | 4.0 | | | 0.29 | 2.2 | | | | | | 0.14 | 23 | | 0.06 | 14.70 | 0.00 |
| 649.0 | 1741 | 5.0 | | | 0.29 | 2.3 | | | | | | 0.15 | 23 | | 0.06 | 14.70 | 0.00 |
| 649.0 | 1741 | 6.0 | | | 0.30 | 2.3 | | | | | | 0.15 | 23 | | 0.06 | 14.70 | 0.00 |
| 649.0 | 1741 | 7.0 | | | 0.30 | 2.3 | | | | | | 0.15 | 23 | | 0.06 | 14.71 | 0.00 |
| 649.0 | 1741 | 8.0 | | | 0.31 | 2.4 | | | | | | 0.15 | 23 | | 0.06 | 14.71 | 0.00 |
| 649.0 | 1741 | 9.0 | | | 0.32 | 2.5 | | | | | | 0.14 | 23 | | 0.06 | 14.71 | 0.00 |
| 649.0 | 1741 | 10.0 | | | 0.32 | 2.5 | | | | | | 0.15 | 23 | | 0.06 | 14.71 | 0.00 |
| 649.0 | 1741 | 11.0 | 2.5 | 0.29 | 0.31 | 2.5 | | | | | | 0.14 | 22 | | 0.06 | 14.71 | 0.00 |
| 2.0 | 1716 | 1.0 | | | 0.26 | 1.8 | | | | | | 0.16 | 25 | 2.2 | 0.08 | 16.48 | 0.00 |
| 2.0 | 1716 | 2.0 | | | 0.26 | 1.9 | | | | | | 0.17 | 26 | | 0.08 | 16.48 | 0.00 |
| 2.0 | 1716 | 3.0 | | | 0.26 | 1.9 | | | | | | 0.16 | 25 | | 0.08 | 16.47 | 0.00 |
| 2.0 | 1716 | 4.0 | | | 0.27 | 1.9 | | | | | | 0.17 | 26 | | 0.08 | 16.48 | 0.00 |
| 2.0 | 1716 | 5.0 | | | 0.26 | 1.9 | | | | | | 0.17 | 26 | | 0.08 | 16.42 | 0.00 |
| 2.0 | 1716 | 6.0 | | | 0.26 | 1.9 | | | | | | 0.18 | 28 | | 0.08 | 16.27 | 0.00 |
| 2.0 | 1716 | 7.0 | | | 0.26 | 1.9 | | | | | | 0.17 | 26 | | 0.08 | 16.18 | 0.00 |
| 2.0 | 1716 | 8.0 | | | 0.26 | 1.9 | | | | | | 0.17 | 26 | | 0.07 | 15.70 | 0.00 |
| 2.0 | 1716 | 9.0 | | | 0.26 | 1.8 | | | | | | 0.15 | 24 | | 0.07 | 15.45 | 0.00 |
| 2.0 | 1716 | 10.0 | | | 0.26 | 1.8 | | | | | | 0.15 | 23 | | 0.07 | 15.36 | 0.00 |
| 2.0 | 1716 | 11.0 | | | 0.26 | 1.8 | | | | | | 0.15 | 23 | | 0.07 | 15.32 | 0.00 |
| 3.0 | 1702 | 1.0 | | | 0.27 | 2.0 | | | | | | 0.17 | 26 | 2.2 | 0.08 | 16.20 | 0.00 |
| 3.0 | 1702 | 2.0 | 2.2 | 0.49 | 0.27 | 2.0 | | | | | 34.4 | 0.17 | 26 | | 0.08 | 16.20 | 0.00 |
| 3.0 | 1702 | 3.0 | | | 0.27 | 2.0 | | | | | | 0.16 | 25 | | 0.08 | 16.20 | 0.00 |
| 3.0 | 1702 | 4.0 | | | 0.28 | 2.1 | | | | | | 0.16 | 25 | | 0.08 | 16.20 | 0.00 |
| 3.0 | 1702 | 5.0 | | | 0.29 | 2.2 | | | | | | 0.16 | 25 | | 0.08 | 16.20 | 0.00 |
| 3.0 | 1702 | 6.0 | | | 0.29 | 2.3 | | | | | | 0.17 | 27 | | 0.08 | 16.20 | 0.00 |
| 3.0 | 1702 | 7.0 | | | 0.29 | 2.3 | | | | | | 0.17 | 27 | | 0.08 | 16.19 | 0.00 |
| 3.0 | 1702 | 8.0 | | | 0.29 | 2.2 | | | | | | 0.18 | 28 | | 0.08 | 16.20 | 0.00 |

North San Francisco Bay May 19, 1998 98139

| 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 | 1702 | 9.0 | 2.4 | 0.69 | 0.29 | 2.2 | | | | | | 0.19 | 29 | | 0.08 | 16.20 | 0.00 |
| 4.0 | 1637 | 1.0 | | | 0.27 | 2.0 | | | | | | 0.16 | 25 | 1.7 | 0.08 | 15.91 | 0.00 |
| 4.0 | 1637 | 2.0 | | | 0.27 | 1.9 | | | | | | 0.15 | 24 | | 0.08 | 15.86 | 0.00 |
| 4.0 | 1637 | 3.0 | | | 0.27 | 1.9 | | | | | | 0.15 | 24 | | 0.08 | 15.90 | 0.00 |
| 4.0 | 1637 | 4.0 | | | 0.27 | 1.9 | | | | | | 0.16 | 24 | | 0.08 | 15.87 | 0.00 |
| 4.0 | 1637 | 5.0 | | | 0.27 | 2.0 | | | | | | 0.16 | 24 | | 0.08 | 15.83 | 0.00 |
| 4.0 | 1637 | 6.0 | | | 0.28 | 2.0 | | | | | | 0.16 | 25 | | 0.08 | 15.80 | 0.00 |
| 4.0 | 1637 | 7.0 | | | 0.28 | 2.1 | | | | | | 0.17 | 26 | | 0.08 | 15.78 | 0.00 |
| 4.0 | 1637 | 8.0 | | | 0.28 | 2.1 | | | | | | 0.16 | 25 | | 0.08 | 15.77 | 0.00 |
| 4.0 | 1637 | 9.0 | | | 0.29 | 2.2 | | | | | | 0.16 | 25 | | 0.08 | 15.77 | 0.00 |
| 4.0 | 1637 | 10.0 | | | 0.29 | 2.2 | | | | | | 0.16 | 25 | | 0.08 | 15.77 | 0.00 |
| 4.0 | 1637 | 11.0 | | | 0.29 | 2.2 | | | | | | 0.16 | 25 | | 0.08 | 15.76 | 0.00 |
| 4.0 | 1637 | 12.0 | | | 0.33 | 2.6 | | | | | | 0.16 | 24 | | 0.08 | 15.74 | 0.00 |
| 4.0 | 1637 | 13.0 | | | 0.33 | 2.7 | | | | | | 0.16 | 25 | | 0.08 | 15.74 | 0.00 |
| 4.0 | 1637 | 14.0 | | | 0.30 | 2.3 | | | | | | 0.15 | 24 | | 0.08 | 15.73 | 0.00 |
| 4.0 | 1637 | 15.0 | | | 0.29 | 2.2 | | | | | | 0.16 | 25 | | 0.08 | 15.75 | 0.00 |
| 4.0 | 1637 | 16.0 | | | 0.29 | 2.2 | | | | | | 0.16 | 25 | | 0.08 | 15.75 | 0.00 |
| 5.0 | 1613 | 1.0 | | | 0.25 | 1.7 | | | | | | 0.17 | 26 | 1.8 | 0.08 | 15.50 | 0.00 |
| 5.0 | 1613 | 2.0 | | | 0.25 | 1.7 | | | | | | 0.16 | 25 | | 0.08 | 15.50 | 0.00 |
| 5.0 | 1613 | 3.0 | | | 0.26 | 1.8 | | | | | | 0.17 | 26 | | 0.08 | 15.50 | 0.00 |
| 5.0 | 1613 | 4.0 | | | 0.26 | 1.9 | | | | | | 0.16 | 25 | | 0.08 | 15.50 | 0.00 |
| 5.0 | 1613 | 5.0 | | | 0.26 | 1.9 | | | | | | 0.17 | 26 | | 0.08 | 15.50 | 0.00 |
| 5.0 | 1613 | 6.0 | | | 0.27 | 2.0 | | | | | | 0.16 | 25 | | 0.08 | 15.50 | 0.00 |
| 5.0 | 1613 | 7.0 | | | 0.28 | 2.0 | | | | | | 0.17 | 26 | | 0.08 | 15.50 | 0.00 |
| 5.0 | 1613 | 8.0 | | | 0.28 | 2.1 | | | | | | 0.16 | 25 | | 0.08 | 15.50 | 0.00 |
| 5.0 | 1613 | 9.0 | | | 0.28 | 2.1 | | | | | | 0.17 | 27 | | 0.08 | 15.50 | 0.00 |
| 6.0 | 1548 | 1.0 | | | 0.27 | 2.0 | | | | | | 0.18 | 28 | 2.0 | 0.08 | 15.58 | 0.00 |
| 6.0 | 1548 | 2.0 | 2.3 | 0.70 | 0.28 | 2.1 | | | | | 26.4 | 0.17 | 27 | | 0.08 | 15.59 | 0.00 |
| 6.0 | 1548 | 3.0 | | | 0.30 | 2.3 | | | | | | 0.17 | 27 | | 0.08 | 15.58 | 0.00 |
| 6.0 | 1548 | 4.0 | | | 0.30 | 2.3 | | | | | | 0.18 | 28 | | 0.08 | 15.57 | 0.00 |
| 6.0 | 1548 | 5.0 | | | 0.29 | 2.2 | | | | | | 0.17 | 27 | | 0.08 | 15.57 | 0.00 |
| 6.0 | 1548 | 6.0 | | | 0.29 | 2.2 | | | | | | 0.18 | 27 | | 0.08 | 15.57 | 0.00 |
| 6.0 | 1548 | 7.0 | | | 0.29 | 2.2 | | | | | | 0.17 | 27 | | 0.08 | 15.57 | 0.00 |
| 6.0 | 1548 | 8.0 | | | 0.29 | 2.2 | | | | | | 0.18 | 27 | | 0.08 | 15.57 | 0.00 |
| 6.0 | 1548 | 9.0 | | | 0.29 | 2.2 | | | | | | 0.17 | 27 | | 0.08 | 15.57 | 0.00 |
| 6.0 | 1548 | 10.0 | 2.2 | 0.63 | 0.29 | 2.2 | | | | | | 0.17 | 27 | | 0.08 | 15.56 | 0.00 |
| 7.0 | 1518 | 1.0 | | | 0.30 | 2.3 | | | | | | 0.20 | 32 | 2.1 | 0.08 | 15.65 | 0.00 |
| 7.0 | 1518 | 2.0 | | | 0.30 | 2.3 | | | | | | 0.20 | 31 | | 0.08 | 15.65 | 0.00 |
| 7.0 | 1518 | 3.0 | | | 0.30 | 2.3 | | | | | | 0.20 | 31 | | 0.08 | 15.66 | 0.00 |

North San Francisco Bay May 19, 1998 98139

| 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 | 1518 | 4.0 | | | 0.30 | 2.3 | | | | | | 0.20 | 30 | | 0.08 | 15.66 | 0.00 |
| 7.0 | 1518 | 5.0 | | | 0.31 | 2.4 | | | | | | 0.21 | 32 | | 0.08 | 15.65 | 0.00 |
| 7.0 | 1518 | 6.0 | | | 0.31 | 2.5 | | | | | | 0.20 | 31 | | 0.08 | 15.65 | 0.00 |
| 7.0 | 1518 | 7.0 | | | 0.31 | 2.5 | | | | | | 0.22 | 34 | | 0.08 | 15.64 | 0.00 |
| 7.0 | 1518 | 8.0 | | | 0.32 | 2.5 | | | | | | 0.21 | 32 | | 0.08 | 15.64 | 0.00 |
| 7.0 | 1518 | 9.0 | | | 0.32 | 2.6 | | | | | | 0.21 | 33 | | 0.08 | 15.64 | 0.00 |
| 7.0 | 1518 | 10.0 | | | 0.32 | 2.6 | | | | | | 0.21 | 33 | | 0.08 | 15.64 | 0.00 |
| 7.0 | 1518 | 11.0 | | | 0.33 | 2.6 | | | | | | 0.22 | 34 | | 0.08 | 15.64 | 0.00 |
| 7.0 | 1518 | 12.0 | | | 0.32 | 2.6 | | | | | | 0.22 | 34 | | 0.08 | 15.64 | 0.00 |
| 7.0 | 1518 | 13.0 | | | 0.32 | 2.5 | | | | | | 0.23 | 36 | | 0.08 | 15.65 | 0.00 |
| 8.0 | 1454 | 1.0 | | | 0.53 | 5.1 | | | | | | 0.47 | 72 | 4.8 | 0.13 | 15.80 | 0.00 |
| 8.0 | 1454 | 2.0 | | | 0.53 | 5.0 | | | | | | 0.45 | 69 | | 0.13 | 15.77 | 0.00 |
| 8.0 | 1454 | 3.0 | | | 0.54 | 5.2 | | | | | | 0.46 | 71 | | 0.13 | 15.77 | 0.00 |
| 8.0 | 1454 | 4.0 | | | 0.57 | 5.5 | | | | | | 0.47 | 72 | | 0.13 | 15.76 | 0.00 |
| 8.0 | 1454 | 5.0 | | | 0.60 | 5.9 | | | | | | 0.49 | 75 | | 0.13 | 15.76 | 0.00 |
| 8.0 | 1454 | 6.0 | | | 0.69 | 7.0 | | | | | | 0.51 | 78 | | 0.15 | 15.71 | 0.00 |
| 8.0 | 1454 | 7.0 | | | 0.83 | 8.7 | | | | | | 0.56 | 87 | | 0.27 | 15.68 | 0.00 |
| 8.0 | 1454 | 8.0 | | | 0.94 | 10.0 | | | | | | 0.76 | 116 | | 0.34 | 15.67 | 0.00 |
| 8.0 | 1454 | 9.0 | | | 1.01 | 10.8 | | | | | | 0.96 | 147 | | 0.41 | 15.68 | 0.00 |
| 8.0 | 1454 | 10.0 | | | 1.04 | 11.2 | | | | | | 1.10 | 168 | | 0.55 | 15.72 | 0.00 |
| 8.0 | 1454 | 11.0 | | | 1.05 | 11.3 | | | | | | 1.09 | 167 | | 0.65 | 15.78 | 0.00 |
| 8.0 | 1454 | 12.0 | | | 1.07 | 11.5 | | | | | | 1.18 | 181 | | 0.77 | 15.80 | 0.00 |
| 8.0 | 1454 | 13.0 | | | 1.16 | 12.7 | | | | | | 1.26 | 194 | | 1.59 | 15.74 | 0.21 |
| 8.0 | 1454 | 14.0 | | | 1.18 | 12.9 | | | | | | 1.35 | 207 | | 3.00 | 15.65 | 1.31 |
| 9.0 | 1428 | 1.0 | | | 0.76 | 7.9 | | | | | | 0.60 | 91 | 7.1 | 0.58 | 15.96 | 0.00 |
| 9.0 | 1428 | 2.0 | 8.0 | 0.65 | 0.77 | 8.0 | | | | | 91.9 | 0.60 | 92 | | 0.80 | 15.87 | 0.00 |
| 9.0 | 1428 | 3.0 | | | 0.79 | 8.2 | | | | | | 0.64 | 98 | | 0.81 | 15.87 | 0.00 |
| 9.0 | 1428 | 4.0 | | | 0.84 | 8.8 | | | | | | 0.63 | 97 | | 0.90 | 15.84 | 0.00 |
| 9.0 | 1428 | 5.0 | | | 0.90 | 9.5 | | | | | | 0.64 | 99 | | 1.36 | 15.79 | 0.03 |
| 9.0 | 1428 | 6.0 | | | 0.92 | 9.7 | | | | | | 0.73 | 112 | | 1.39 | 15.79 | 0.05 |
| 9.0 | 1428 | 7.0 | | | 0.94 | 10.0 | | | | | | 0.74 | 113 | | 1.41 | 15.79 | 0.06 |
| 9.0 | 1428 | 8.0 | | | 0.95 | 10.1 | | | | | | 0.74 | 113 | | 1.48 | 15.81 | 0.12 |
| 9.0 | 1428 | 9.0 | | | 0.97 | 10.4 | | | | | | 0.74 | 114 | | 1.54 | 15.83 | 0.16 |
| 9.0 | 1428 | 10.0 | | | 1.01 | 10.8 | | | | | | 0.75 | 114 | | 1.66 | 15.84 | 0.25 |
| 9.0 | 1428 | 11.0 | | | 1.03 | 11.1 | | | | | | 0.77 | 117 | | 1.70 | 15.90 | 0.27 |
| 9.0 | 1428 | 12.0 | | | 1.05 | 11.3 | | | | | | 0.81 | 124 | | 1.71 | 15.92 | 0.28 |
| 9.0 | 1428 | 13.0 | | | 1.06 | 11.5 | | | | | | 0.80 | 123 | | 1.70 | 15.92 | 0.27 |
| 9.0 | 1428 | 14.0 | | | 1.05 | 11.3 | | | | | | 0.80 | 123 | | 1.70 | 15.92 | 0.27 |
| 9.0 | 1428 | 15.0 | | | 1.06 | 11.4 | | | | | | 0.80 | 123 | | 1.70 | 15.92 | 0.27 |
| 9.0 | 1428 | 16.0 | | | 1.07 | 11.6 | | | | | | 0.80 | 123 | | 1.71 | 15.93 | 0.27 |
| 9.0 | 1428 | 17.0 | | | 1.07 | 11.6 | | | | | | 0.80 | 122 | | 1.72 | 15.96 | 0.27 |

North San Francisco Bay May 19, 1998 98139

| 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 | 1428 | 18.0 | | | 1.07 | 11.6 | | | | | | 0.82 | 125 | | 1.73 | 15.97 | 0.28 |
| 9.0 | 1428 | 19.0 | | | 1.08 | 11.7 | | | | | | 0.82 | 126 | | 1.74 | 15.96 | 0.29 |
| 9.0 | 1428 | 20.0 | | | 1.13 | 12.3 | | | | | | 0.82 | 126 | | 2.50 | 15.93 | 0.88 |
| 9.0 | 1428 | 21.0 | | | 1.30 | 14.3 | | | | | | 0.87 | 133 | | 4.81 | 15.80 | 2.67 |
| 9.0 | 1428 | 22.0 | | | 1.50 | 16.7 | | | | | | 0.97 | 149 | | 8.04 | 15.62 | 5.18 |
| 9.0 | 1428 | 23.0 | | | 1.69 | 18.9 | | | | | | 1.09 | 166 | | 8.33 | 15.60 | 5.40 |
| 9.0 | 1428 | 24.0 | | | 1.69 | 18.9 | | | | | | 1.40 | 215 | | 8.76 | 15.58 | 5.73 |
| 10.0 | 1412 | 1.0 | | | 0.78 | 8.1 | | | | | | 0.48 | 73 | 5.4 | 1.08 | 15.98 | 0.00 |
| 10.0 | 1412 | 2.0 | | | 0.79 | 8.2 | | | | | | 0.48 | 74 | | 1.12 | 15.95 | 0.00 |
| 10.0 | 1412 | 3.0 | | | 0.82 | 8.6 | | | | | | 0.51 | 78 | | 1.20 | 15.94 | 0.00 |
| 10.0 | 1412 | 4.0 | | | 0.85 | 8.9 | | | | | | 0.54 | 83 | | 1.34 | 15.94 | 0.00 |
| 10.0 | 1412 | 5.0 | | | 0.89 | 9.3 | | | | | | 0.56 | 87 | | 1.38 | 15.94 | 0.02 |
| 10.0 | 1412 | 6.0 | | | 0.96 | 10.2 | | | | | | 0.56 | 87 | | 2.05 | 15.93 | 0.54 |
| 10.0 | 1412 | 7.0 | | | 1.07 | 11.5 | | | | | | 0.61 | 94 | | 3.46 | 15.87 | 1.62 |
| 10.0 | 1412 | 8.0 | | | 1.18 | 12.9 | | | | | | 0.75 | 116 | | 4.03 | 15.74 | 2.09 |
| 10.0 | 1412 | 9.0 | | | 1.30 | 14.3 | | | | | | 0.96 | 147 | | 5.25 | 15.66 | 3.03 |
| 10.0 | 1412 | 10.0 | | | 1.39 | 15.4 | | | | | | 1.21 | 185 | | 6.12 | 15.64 | 3.71 |
| 10.0 | 1412 | 11.0 | | | 1.47 | 16.3 | | | | | | 1.34 | 206 | | 6.35 | 15.62 | 3.88 |
| 10.0 | 1412 | 12.0 | | | 1.54 | 17.1 | | | | | | 1.53 | 235 | | 6.92 | 15.59 | 4.32 |
| 10.0 | 1412 | 13.0 | | | 1.60 | 17.9 | | | | | | 1.62 | 248 | | 7.71 | 15.56 | 4.93 |
| 10.0 | 1412 | 14.0 | | | 1.66 | 18.6 | | | | | | 1.70 | 260 | | 8.82 | 15.51 | 5.79 |
| 10.0 | 1412 | 15.0 | | | 1.71 | 19.2 | | | | | | 1.89 | 289 | | 9.41 | 15.49 | 6.25 |
| 10.0 | 1412 | 16.0 | | | 1.76 | 19.8 | | | | | | 1.97 | 301 | | 9.80 | 15.48 | 6.55 |
| 10.0 | 1412 | 17.0 | | | 1.76 | 19.9 | | | | | | 2.03 | 311 | | 9.94 | 15.47 | 6.66 |
| 10.0 | 1412 | 18.0 | | | 1.75 | 19.8 | | | | | | 2.09 | 320 | | 10.02 | 15.47 | 6.72 |
| 11.0 | 1341 | 1.0 | | | 0.98 | 10.5 | | | | | | 0.36 | 56 | 3.2 | 3.50 | 15.88 | 1.65 |
| 11.0 | 1341 | 2.0 | | | 0.99 | 10.6 | | | | | | 0.35 | 54 | | 3.51 | 15.87 | 1.67 |
| 11.0 | 1341 | 3.0 | | | 1.01 | 10.8 | | | | | | 0.35 | 54 | | 3.95 | 15.78 | 2.01 |
| 11.0 | 1341 | 4.0 | | | 1.01 | 10.8 | | | | | | 0.43 | 66 | | 6.11 | 15.56 | 3.71 |
| 11.0 | 1341 | 5.0 | | | 1.00 | 10.8 | | | | | | 0.49 | 75 | | 8.45 | 15.47 | 5.52 |
| 11.0 | 1341 | 6.0 | | | 0.99 | 10.6 | | | | | | 0.60 | 92 | | 9.79 | 15.41 | 6.55 |
| 11.0 | 1341 | 7.0 | | | 0.99 | 10.6 | | | | | | 0.71 | 108 | | 10.48 | 15.37 | 7.09 |
| 11.0 | 1341 | 8.0 | | | 1.04 | 11.1 | | | | | | 0.75 | 115 | | 11.62 | 15.32 | 7.97 |
| 11.0 | 1341 | 9.0 | | | 1.13 | 12.2 | | | | | | 0.85 | 130 | | 12.70 | 15.27 | 8.80 |
| 11.0 | 1341 | 10.0 | | | 1.21 | 13.2 | | | | | | 0.98 | 151 | | 13.33 | 15.25 | 9.29 |
| 11.0 | 1341 | 11.0 | | | 1.23 | 13.4 | | | | | | 1.04 | 159 | | 13.32 | 15.25 | 9.28 |
| 11.0 | 1341 | 12.0 | | | 1.25 | 13.7 | | | | | | 1.03 | 158 | | 13.31 | 15.25 | 9.27 |
| 11.0 | 1341 | 13.0 | | | 1.26 | 13.8 | | | | | | 1.06 | 162 | | 13.31 | 15.25 | 9.27 |
| 12.0 | 1315 | 1.0 | | | 1.07 | 11.6 | | | | | | 0.34 | 53 | 3.4 | 4.83 | 15.60 | 2.72 |
| 12.0 | 1315 | 2.0 | | | 1.08 | 11.7 | | | | | | 0.36 | 55 | | 5.48 | 15.56 | 3.23 |

North San Francisco Bay | May 19, 1998 | 98139

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 12.0 | 1315 | 3.0 | | | 1.04 | 11.2 | | | | | | 0.38 | 59 | | 7.22 | 15.51 | 4.57 |
| 12.0 | 1315 | 4.0 | | | 0.91 | 9.7 | | | | | | 0.40 | 62 | | 9.03 | 15.40 | 5.97 |
| 12.0 | 1315 | 5.0 | | | 0.76 | 7.9 | | | | | | 0.41 | 64 | | 14.15 | 15.17 | 9.94 |
| 12.0 | 1315 | 6.0 | | | 0.65 | 6.5 | | | | | | 0.42 | 64 | | 15.62 | 15.08 | 11.07 |
| 12.0 | 1315 | 7.0 | | | 0.58 | 5.7 | | | | | | 0.39 | 60 | | 17.41 | 14.93 | 12.47 |
| 12.0 | 1315 | 8.0 | | | 0.59 | 5.8 | | | | | | 0.36 | 56 | | 20.89 | 14.58 | 15.20 |
| 13.0 | 1242 | 1.0 | | | 1.17 | 12.8 | | | | | | 0.20 | 32 | 2.2 | 6.90 | 16.17 | 4.21 |
| 13.0 | 1242 | 2.0 | 11.8 | 0.77 | 1.22 | 13.3 | | | | | 28.7 | 0.22 | 34 | | 8.62 | 15.83 | 5.59 |
| 13.0 | 1242 | 3.0 | | | 1.25 | 13.7 | | | | | | 0.24 | 37 | | 9.45 | 15.85 | 6.22 |
| 13.0 | 1242 | 4.0 | | | 1.58 | 17.7 | | | | | | 0.26 | 41 | | 10.09 | 16.14 | 6.65 |
| 13.0 | 1242 | 5.0 | | | 1.81 | 20.5 | | | | | | 0.34 | 52 | | 11.31 | 16.19 | 7.57 |
| 13.0 | 1242 | 6.0 | | | 1.56 | 17.5 | | | | | | 0.32 | 49 | | 12.49 | 15.87 | 8.53 |
| 13.0 | 1242 | 7.0 | | | 1.15 | 12.5 | | | | | | 0.37 | 58 | | 17.60 | 15.04 | 12.60 |
| 13.0 | 1242 | 8.0 | 6.3 | 0.60 | 1.15 | 12.5 | | | | | | 0.50 | 76 | | 22.16 | 14.41 | 16.21 |
| 14.0 | 1218 | 1.0 | | | 2.47 | 28.3 | | | | | | 0.34 | 53 | 3.9 | 8.26 | 16.62 | 5.17 |
| 14.0 | 1218 | 2.0 | | | 2.46 | 28.2 | | | | | | 0.33 | 51 | | 8.26 | 16.63 | 5.17 |
| 14.0 | 1218 | 3.0 | | | 2.58 | 29.6 | | | | | | 0.34 | 52 | | 8.36 | 16.55 | 5.25 |
| 14.0 | 1218 | 4.0 | | | 2.16 | 24.6 | | | | | | 0.40 | 61 | | 9.63 | 16.32 | 6.26 |
| 14.0 | 1218 | 5.0 | | | 1.35 | 15.0 | | | | | | 0.31 | 48 | | 15.54 | 15.28 | 10.97 |
| 14.0 | 1218 | 6.0 | | | 0.90 | 9.5 | | | | | | 0.33 | 51 | | 18.00 | 14.95 | 12.92 |
| 14.0 | 1218 | 7.0 | | | 0.71 | 7.3 | | | | | | 0.34 | 52 | | 19.35 | 14.76 | 13.99 |
| 14.0 | 1218 | 8.0 | | | 0.72 | 7.3 | | | | | | 0.37 | 57 | | 20.10 | 14.67 | 14.58 |
| 14.0 | 1218 | 9.0 | | | 0.77 | 7.9 | | | | | | 0.43 | 66 | | 20.56 | 14.62 | 14.94 |
| 14.0 | 1218 | 10.0 | | | 0.63 | 6.3 | | | | | | 0.50 | 77 | | 21.59 | 14.45 | 15.77 |
| 14.0 | 1218 | 11.0 | | | 0.41 | 3.7 | | | | | | 0.46 | 71 | | 23.18 | 14.22 | 17.03 |
| 14.0 | 1218 | 12.0 | | | 0.39 | 3.3 | | | | | | 0.28 | 43 | | 24.39 | 14.03 | 18.00 |
| 14.0 | 1218 | 13.0 | | | 0.43 | 3.8 | | | | | | 0.18 | 28 | | 26.15 | 13.80 | 19.40 |
| 15.0 | 1153 | 1.0 | | | 1.08 | 11.7 | | | | | | 0.15 | 24 | 1.8 | 8.75 | 16.35 | 5.59 |
| 15.0 | 1153 | 2.0 | 10.5 | 0.80 | 1.13 | 12.3 | | | | | | 0.15 | 23 | | 8.70 | 16.37 | 5.55 |
| 15.0 | 1153 | 3.0 | | | 1.20 | 13.1 | | | | | | 0.14 | 23 | | 8.70 | 16.35 | 5.55 |
| 15.0 | 1153 | 4.0 | | | 1.25 | 13.6 | | | | | | 0.15 | 23 | | 8.93 | 16.27 | 5.74 |
| 15.0 | 1153 | 5.0 | | | 1.26 | 13.8 | | | | | | 0.15 | 23 | | 9.60 | 16.08 | 6.29 |
| 15.0 | 1153 | 6.0 | | | 1.20 | 13.1 | | | | | | 0.17 | 27 | | 10.11 | 15.89 | 6.72 |
| 15.0 | 1153 | 7.0 | | | 1.12 | 12.2 | | | | | | 0.20 | 31 | | 12.38 | 15.73 | 8.47 |
| 15.0 | 1153 | 8.0 | | | 1.18 | 12.9 | | | | | | 0.19 | 30 | | 13.13 | 15.71 | 9.05 |
| 15.0 | 1153 | 9.0 | | | 1.31 | 14.5 | | | | | | 0.23 | 35 | | 13.50 | 15.67 | 9.34 |
| 15.0 | 1153 | 10.0 | | | 1.37 | 15.1 | | | | | | 0.31 | 48 | | 13.55 | 15.66 | 9.38 |
| 15.0 | 1153 | 11.0 | | | 1.38 | 15.3 | | | | | | 0.34 | 53 | | 13.57 | 15.66 | 9.40 |
| 15.0 | 1153 | 12.0 | | | 1.40 | 15.5 | | | | | | 0.36 | 55 | | 13.59 | 15.65 | 9.42 |
| 15.0 | 1153 | 13.0 | | | 1.42 | 15.7 | | | | | | 0.37 | 56 | | 13.60 | 15.65 | 9.42 |

North San Francisco Bay May 19, 1998 98139

| 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 | 1153 | 14.0 | | | 1.37 | 15.1 | | | | | | 0.38 | 59 | | 13.79 | 15.58 | 9.58 |
| 15.0 | 1153 | 15.0 | | | 1.17 | 12.8 | | | | | | 0.42 | 64 | | 16.53 | 15.12 | 11.76 |
| 15.0 | 1153 | 16.0 | | | 0.93 | 9.8 | | | | | | 0.39 | 60 | | 18.35 | 14.87 | 13.21 |
| 15.0 | 1153 | 17.0 | | | 0.66 | 6.7 | | | | | | 0.29 | 45 | | 19.96 | 14.62 | 14.48 |
| 15.0 | 1153 | 18.0 | | | 0.55 | 5.3 | | | | | | 0.22 | 34 | | 23.57 | 14.18 | 17.34 |
| 15.0 | 1153 | 19.0 | | | 0.76 | 7.8 | | | | | | 0.41 | 62 | | 24.75 | 14.00 | 18.29 |
| 15.0 | 1153 | 20.0 | | | 1.09 | 11.8 | | | | | | 1.03 | 158 | | 25.81 | 13.83 | 19.13 |
| 15.0 | 1153 | 21.0 | | | 1.31 | 14.5 | | | | | | 1.60 | 245 | | 26.05 | 13.80 | 19.32 |
| 15.0 | 1153 | 22.0 | | | 1.58 | 17.6 | | | | | | 1.75 | 267 | | 26.15 | 13.79 | 19.40 |
| 15.0 | 1153 | 23.0 | 24.3 | 0.39 | 1.61 | 18.1 | | | | | | 2.43 | 373 | | 26.28 | 13.87 | 19.48 |
| 16.0 | 1113 | 1.0 | | | 0.59 | 5.8 | | | | | | 0.12 | 19 | 1.7 | 10.76 | 15.41 | 7.29 |
| 16.0 | 1113 | 2.0 | | | 0.60 | 5.9 | | | | | 16.2 | 0.12 | 19 | | 12.28 | 15.19 | 8.49 |
| 16.0 | 1113 | 3.0 | | | 0.52 | 4.9 | | | | | | 0.12 | 18 | | 15.71 | 14.96 | 11.16 |
| 16.0 | 1113 | 4.0 | | | 0.40 | 3.5 | | | | | | 0.11 | 18 | | 20.54 | 14.51 | 14.95 |
| 16.0 | 1113 | 5.0 | | | 0.32 | 2.6 | | | | | | 0.11 | 17 | | 23.07 | 14.21 | 16.95 |
| 16.0 | 1113 | 6.0 | | | 0.29 | 2.2 | | | | | | 0.11 | 17 | | 23.91 | 14.12 | 17.61 |
| 16.0 | 1113 | 7.0 | | | 0.28 | 2.1 | | | | | | 0.11 | 17 | | 24.32 | 14.06 | 17.94 |
| 16.0 | 1113 | 8.0 | | | 0.29 | 2.3 | | | | | | 0.13 | 21 | | 24.57 | 14.03 | 18.14 |
| 16.0 | 1113 | 9.0 | | | 0.32 | 2.5 | | | | | | 0.15 | 24 | | 24.82 | 13.99 | 18.33 |
| 16.0 | 1113 | 10.0 | | | 0.33 | 2.7 | | | | | | 0.17 | 27 | | 25.09 | 13.95 | 18.55 |
| 16.0 | 1113 | 11.0 | | | 0.35 | 2.9 | | | | | | 0.20 | 31 | | 25.55 | 13.88 | 18.92 |
| 16.0 | 1113 | 12.0 | | | 0.35 | 2.9 | | | | | | 0.22 | 33 | | 25.99 | 13.80 | 19.28 |
| 16.0 | 1113 | 13.0 | | | 0.34 | 2.8 | | | | | | 0.20 | 31 | | 26.49 | 13.73 | 19.68 |
| 16.0 | 1113 | 14.0 | | | 0.34 | 2.8 | | | | | | 0.19 | 29 | | 26.94 | 13.64 | 20.04 |
| 17.0 | 1046 | 1.0 | | | 0.72 | 7.3 | | | | | | 0.12 | 19 | 2.0 | 15.19 | 15.41 | 10.68 |
| 17.0 | 1046 | 2.0 | | | 0.70 | 7.2 | | | | | | 0.11 | 18 | | 16.90 | 15.08 | 12.05 |
| 17.0 | 1046 | 3.0 | | | 0.66 | 6.7 | | | | | | 0.12 | 18 | | 17.27 | 15.01 | 12.35 |
| 17.0 | 1046 | 4.0 | | | 0.63 | 6.2 | | | | | | 0.11 | 18 | | 17.67 | 14.97 | 12.66 |
| 17.0 | 1046 | 5.0 | | | 0.60 | 5.9 | | | | | | 0.11 | 17 | | 17.87 | 14.95 | 12.82 |
| 17.0 | 1046 | 6.0 | | | 0.57 | 5.5 | | | | | | 0.11 | 17 | | 17.93 | 14.95 | 12.87 |
| 17.0 | 1046 | 7.0 | | | 0.54 | 5.2 | | | | | | 0.10 | 16 | | 18.27 | 14.94 | 13.13 |
| 17.0 | 1046 | 8.0 | | | 0.52 | 5.0 | | | | | | 0.10 | 16 | | 18.50 | 14.94 | 13.31 |
| 17.0 | 1046 | 9.0 | | | 0.47 | 4.4 | | | | | | 0.10 | 15 | | 18.93 | 14.87 | 13.65 |
| 17.0 | 1046 | 10.0 | | | 0.40 | 3.5 | | | | | | 0.09 | 14 | | 20.17 | 14.69 | 14.64 |
| 17.0 | 1046 | 11.0 | | | 0.32 | 2.5 | | | | | | 0.08 | 13 | | 21.35 | 14.63 | 15.55 |
| 17.0 | 1046 | 12.0 | | | 0.27 | 2.0 | | | | | | 0.06 | 10 | | 22.14 | 14.51 | 16.18 |
| 17.0 | 1046 | 13.0 | | | 0.28 | 2.1 | | | | | | 0.05 | 9 | | 24.76 | 14.02 | 18.29 |
| 17.0 | 1046 | 14.0 | | | 0.29 | 2.2 | | | | | | 0.14 | 22 | | 26.59 | 13.75 | 19.75 |
| 18.0 | 1021 | 1.0 | | | 0.40 | 3.6 | | | | | | 0.08 | 13 | 0.8 | 16.32 | 15.15 | 11.60 |
| 18.0 | 1021 | 2.0 | 4.8 | 0.77 | 0.39 | 3.4 | | | | | 11.3 | 0.08 | 12 | | 17.99 | 15.07 | 12.89 |

North San Francisco Bay May 19, 1998 98139

| 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 | 1021 | 3.0 | | | 0.31 | 2.4 | | | | | | 0.06 | 10 | | 20.00 | 14.95 | 14.45 |
| 18.0 | 1021 | 4.0 | | | 0.26 | 1.9 | | | | | | 0.04 | 6 | | 21.43 | 14.78 | 15.58 |
| 18.0 | 1021 | 5.0 | | | 0.26 | 1.8 | | | | | | 0.03 | 5 | | 21.68 | 14.71 | 15.79 |
| 18.0 | 1021 | 6.0 | | | 0.26 | 1.8 | | | | | | 0.03 | 5 | | 21.74 | 14.69 | 15.84 |
| 18.0 | 1021 | 7.0 | | | 0.26 | 1.8 | | | | | | 0.03 | 4 | | 21.93 | 14.67 | 15.99 |
| 18.0 | 1021 | 8.0 | | | 0.26 | 1.8 | | | | | | 0.03 | 4 | | 22.08 | 14.66 | 16.10 |
| 18.0 | 1021 | 9.0 | | | 0.24 | 1.6 | | | | | | 0.03 | 4 | | 22.16 | 14.64 | 16.17 |
| 18.0 | 1021 | 10.0 | | | 0.22 | 1.4 | | | | | | 0.03 | 4 | | 22.41 | 14.61 | 16.37 |
| 18.0 | 1021 | 11.0 | | | 0.21 | 1.2 | | | | | | 0.02 | 4 | | 22.60 | 14.58 | 16.52 |
| 18.0 | 1021 | 12.0 | | | 0.20 | 1.1 | | | | | | 0.02 | 4 | | 22.90 | 14.53 | 16.76 |
| 18.0 | 1021 | 13.0 | | | 0.19 | 1.0 | | | | | | 0.02 | 4 | | 22.94 | 14.52 | 16.80 |
| 18.0 | 1021 | 14.0 | | | 0.18 | 0.9 | | | | | | 0.02 | 4 | | 23.20 | 14.48 | 17.00 |
| 18.0 | 1021 | 15.0 | | | 0.19 | 1.0 | | | | | | 0.02 | 4 | | 24.00 | 14.32 | 17.65 |
| 18.0 | 1021 | 16.0 | | | 0.18 | 0.9 | | | | | | 0.03 | 5 | | 25.03 | 14.12 | 18.47 |
| 18.0 | 1021 | 17.0 | | | 0.18 | 0.9 | | | | | | 0.03 | 6 | | 25.86 | 13.95 | 19.15 |
| 18.0 | 1021 | 18.0 | | | 0.21 | 1.3 | | | | | | 0.03 | 5 | | 26.78 | 13.73 | 19.90 |
| 18.0 | 1021 | 19.0 | | | 0.23 | 1.5 | | | | | | 0.03 | 5 | | 27.65 | 13.55 | 20.60 |
| 18.0 | 1021 | 20.0 | | | 0.22 | 1.4 | | | | | | 0.04 | 7 | | 29.06 | 13.23 | 21.75 |
| 18.0 | 1021 | 21.0 | | | 0.23 | 1.5 | | | | | | 0.05 | 7 | | 29.97 | 13.03 | 22.49 |
| 18.0 | 1021 | 22.0 | | | 0.25 | 1.8 | | | | | | 0.04 | 7 | | 30.40 | 12.94 | 22.85 |
| 18.0 | 1021 | 23.0 | | | 0.29 | 2.2 | | | | | | 0.04 | 7 | | 30.51 | 12.91 | 22.93 |
| 18.0 | 1021 | 24.0 | | | 0.30 | 2.3 | | | | | | 0.04 | 7 | | 30.51 | 12.91 | 22.93 |
| 18.0 | 1021 | 25.0 | | | 0.26 | 1.9 | | | | | | 0.05 | 7 | | 30.51 | 12.91 | 22.94 |
| 18.0 | 1021 | 26.0 | | | 0.26 | 1.8 | | | | | | 0.04 | 7 | | 30.53 | 12.90 | 22.95 |
| 18.0 | 1021 | 27.0 | | | 0.26 | 1.9 | | | | | | 0.05 | 7 | | 30.59 | 12.88 | 23.01 |
| 18.0 | 1021 | 28.0 | | | 0.28 | 2.1 | | | | | | 0.06 | 9 | | 30.72 | 12.84 | 23.11 |
| 18.0 | 1021 | 29.0 | | | 0.28 | 2.1 | | | | | | 0.07 | 11 | | 30.80 | 12.82 | 23.18 |
| 18.0 | 1021 | 30.0 | | | 0.27 | 2.0 | | | | | | 0.07 | 12 | | 30.82 | 12.81 | 23.19 |
| 18.0 | 1021 | 31.0 | | | 0.27 | 2.0 | | | | | | 0.06 | 10 | | 30.84 | 12.81 | 23.21 |
| 20.0 | 1004 | 1.0 | | | 0.27 | 1.9 | | | | | | 0.03 | 5 | | 20.55 | 15.01 | 14.87 |
| 20.0 | 1004 | 2.0 | | | 0.25 | 1.7 | | | | | | 0.03 | 5 | | 22.91 | 14.62 | 16.75 |
| 20.0 | 1004 | 3.0 | | | 0.23 | 1.5 | | | | | | 0.03 | 4 | | 23.25 | 14.56 | 17.02 |
| 20.0 | 1004 | 4.0 | | | 0.22 | 1.4 | | | | | | 0.03 | 4 | | 23.75 | 14.46 | 17.43 |
| 20.0 | 1004 | 5.0 | | | 0.20 | 1.2 | | | | | | 0.03 | 4 | | 24.17 | 14.36 | 17.76 |
| 20.0 | 1004 | 6.0 | | | 0.20 | 1.2 | | | | | | 0.03 | 5 | | 25.26 | 14.13 | 18.65 |
| 20.0 | 1004 | 7.0 | | | 0.21 | 1.3 | | | | | | 0.03 | 5 | | 26.21 | 13.92 | 19.42 |
| 20.0 | 1004 | 8.0 | | | 0.21 | 1.3 | | | | | | 0.04 | 6 | | 26.77 | 13.80 | 19.88 |
| 20.0 | 1004 | 9.0 | | | 0.21 | 1.2 | | | | | | 0.05 | 8 | | 27.35 | 13.68 | 20.34 |
| 20.0 | 1004 | 10.0 | | | 0.20 | 1.2 | | | | | | 0.05 | 9 | | 27.67 | 13.61 | 20.60 |
| 20.0 | 1004 | 11.0 | | | 0.21 | 1.2 | | | | | | 0.06 | 10 | | 28.03 | 13.53 | 20.90 |
| 20.0 | 1004 | 12.0 | | | 0.21 | 1.3 | | | | | | 0.07 | 11 | | 28.19 | 13.50 | 21.03 |
| 20.0 | 1004 | 13.0 | | | 0.22 | 1.3 | | | | | | 0.07 | 11 | | 28.35 | 13.47 | 21.16 |

North San Francisco Bay May 19, 1998 98139

| 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 | 1004 | 14.0 | | | 0.22 | 1.3 | | | | | | 0.07 | 11 | | 28.43 | 13.47 | 21.22 |
| 20.0 | 1004 | 15.0 | | | 0.22 | 1.4 | | | | | | 0.07 | 11 | | 28.45 | 13.46 | 21.24 |
| 20.0 | 1004 | 16.0 | | | 0.22 | 1.4 | | | | | | 0.07 | 11 | | 28.58 | 13.44 | 21.34 |
| 20.0 | 1004 | 17.0 | | | 0.21 | 1.3 | | | | | | 0.07 | 11 | | 28.59 | 13.44 | 21.35 |
| 20.0 | 1004 | 18.0 | | | 0.21 | 1.2 | | | | | | 0.07 | 11 | | 28.63 | 13.41 | 21.39 |

| | n | r^2 | Slope | Inter. | Std. Err. |
|---|---|---|---|---|---|
| Fluorometer Calibration: | 14 | 0.826 | 11.981 | -1.268 | 2.679 |
| OBS Calibration: | 8 | 0.974 | 152.836 | 0.394 | 4.369 |

SeaBird v4.026

South San Francisco Bay May 19, 1998 98139

| 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 | 0622 | 1.0 | | | 0.42 | 3.9 | | | | | | 0.47 | 65 | 4.3 | 15.97 | 16.15 | 11.14 |
| 36.0 | 0622 | 2.0 | 2.8 | 0.43 | 0.42 | 3.9 | | | | | 65.6 | 0.47 | 65 | | 16.06 | 16.17 | 11.20 |
| 36.0 | 0622 | 3.0 | | | 0.43 | 4.0 | | | | | | 0.50 | 69 | | 16.10 | 16.18 | 11.23 |
| 36.0 | 0622 | 4.0 | | | 0.43 | 4.0 | | | | | | 0.55 | 76 | | 16.10 | 16.19 | 11.23 |
| 36.0 | 0622 | 5.0 | | | 0.44 | 4.1 | | | | | | 0.59 | 82 | | 16.11 | 16.19 | 11.23 |
| 36.0 | 0622 | 6.0 | 3.2 | 0.22 | 0.44 | 4.1 | | | | | | 0.65 | 90 | | 16.10 | 16.19 | 11.23 |
| 34.0 | 0643 | 1.0 | | | 0.39 | 3.5 | | | | | | 0.19 | 26 | 2.3 | 16.87 | 16.58 | 11.74 |
| 34.0 | 0643 | 2.0 | | | 0.38 | 3.3 | | | | | | 0.19 | 26 | | 17.09 | 16.68 | 11.89 |
| 34.0 | 0643 | 3.0 | | | 0.38 | 3.3 | | | | | | 0.21 | 29 | | 17.26 | 16.70 | 12.02 |
| 34.0 | 0643 | 4.0 | | | 0.38 | 3.4 | | | | | | 0.27 | 37 | | 17.30 | 16.70 | 12.04 |
| 34.0 | 0643 | 5.0 | | | 0.38 | 3.4 | | | | | | 0.32 | 44 | | 17.32 | 16.71 | 12.06 |
| 34.0 | 0643 | 6.0 | | | 0.39 | 3.4 | | | | | | 0.37 | 50 | | 17.35 | 16.71 | 12.08 |
| 34.0 | 0643 | 7.0 | | | 0.39 | 3.4 | | | | | | 0.40 | 56 | | 17.38 | 16.73 | 12.10 |
| 32.0 | 0703 | 1.0 | | | 0.34 | 2.8 | | | | | | 0.13 | 17 | 1.7 | 18.03 | 16.70 | 12.60 |
| 32.0 | 0703 | 2.0 | 2.6 | 0.57 | 0.34 | 2.8 | | | | | 16.5 | 0.13 | 17 | | 18.05 | 16.70 | 12.61 |
| 32.0 | 0703 | 3.0 | | | 0.35 | 2.9 | | | | | | 0.14 | 18 | | 18.06 | 16.67 | 12.63 |
| 32.0 | 0703 | 4.0 | | | 0.35 | 2.9 | | | | | | 0.14 | 18 | | 17.99 | 16.67 | 12.58 |
| 32.0 | 0703 | 5.0 | | | 0.35 | 3.0 | | | | | | 0.14 | 18 | | 17.94 | 16.66 | 12.54 |
| 32.0 | 0703 | 6.0 | | | 0.36 | 3.0 | | | | | | 0.13 | 17 | | 17.96 | 16.66 | 12.55 |
| 32.0 | 0703 | 7.0 | | | 0.34 | 2.9 | | | | | | 0.13 | 17 | | 17.96 | 16.71 | 12.54 |
| 32.0 | 0703 | 8.0 | | | 0.34 | 2.8 | | | | | | 0.13 | 17 | | 18.21 | 16.71 | 12.73 |
| 32.0 | 0703 | 9.0 | | | 0.36 | 3.1 | | | | | | 0.17 | 22 | | 18.24 | 16.60 | 12.78 |
| 32.0 | 0703 | 10.0 | | | 0.37 | 3.3 | | | | | | 0.20 | 26 | | 18.25 | 16.55 | 12.79 |
| 32.0 | 0703 | 11.0 | | | 0.38 | 3.4 | | | | | | 0.22 | 29 | | 18.25 | 16.55 | 12.79 |
| 32.0 | 0703 | 12.0 | 3.3 | 0.41 | 0.38 | 3.4 | | | | | | 0.26 | 36 | | 18.25 | 16.55 | 12.80 |
| 30.0 | 0733 | 1.0 | | | 0.39 | 3.5 | | | | | | 0.08 | 10 | 1.3 | 18.65 | 16.34 | 13.14 |
| 30.0 | 0733 | 2.0 | 3.7 | 0.78 | 0.39 | 3.4 | | | | | 9.3 | 0.07 | 9 | | 18.65 | 16.34 | 13.14 |
| 30.0 | 0733 | 3.0 | | | 0.39 | 3.4 | | | | | | 0.07 | 9 | | 18.65 | 16.34 | 13.14 |
| 30.0 | 0733 | 4.0 | | | 0.39 | 3.5 | | | | | | 0.07 | 9 | | 18.64 | 16.34 | 13.14 |
| 30.0 | 0733 | 5.0 | | | 0.38 | 3.4 | | | | | | 0.08 | 9 | | 18.64 | 16.34 | 13.14 |
| 30.0 | 0733 | 6.0 | | | 0.37 | 3.2 | | | | | | 0.07 | 9 | | 18.64 | 16.34 | 13.14 |
| 30.0 | 0733 | 7.0 | | | 0.36 | 3.0 | | | | | | 0.07 | 9 | | 18.64 | 16.35 | 13.14 |
| 30.0 | 0733 | 8.0 | | | 0.32 | 2.6 | | | | | | 0.07 | 9 | | 18.67 | 16.35 | 13.16 |
| 30.0 | 0733 | 9.0 | | | 0.28 | 2.0 | | | | | | 0.07 | 9 | | 18.97 | 16.39 | 13.38 |
| 30.0 | 0733 | 10.0 | | | 0.26 | 1.7 | | | | | | 0.07 | 8 | | 19.08 | 16.45 | 13.45 |
| 30.0 | 0733 | 11.0 | | | 0.25 | 1.7 | | | | | | 0.07 | 8 | | 19.10 | 16.45 | 13.47 |
| 30.0 | 0733 | 12.0 | | | 0.25 | 1.7 | | | | | | 0.07 | 8 | | 19.11 | 16.46 | 13.47 |
| 30.0 | 0733 | 13.0 | | | 0.26 | 1.7 | | | | | | 0.07 | 9 | | 19.11 | 16.46 | 13.48 |
| 30.0 | 0733 | 14.0 | 1.3 | 0.61 | 0.26 | 1.7 | | | | | | 0.07 | 9 | | 19.11 | 16.46 | 13.48 |

South San Francisco Bay May 19, 1998 98139

| 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 | 0801 | 1.0 | | | 0.51 | 5.0 | | | | | | 0.05 | 6 | 1.1 | 19.38 | 16.25 | 13.72 |
| 29.0 | 0801 | 2.0 | | | 0.50 | 4.9 | | | | | | 0.05 | 6 | | 19.38 | 16.25 | 13.72 |
| 29.0 | 0801 | 3.0 | | | 0.49 | 4.9 | | | | | | 0.05 | 6 | | 19.38 | 16.25 | 13.72 |
| 29.0 | 0801 | 4.0 | | | 0.49 | 4.8 | | | | | | 0.05 | 6 | | 19.38 | 16.26 | 13.72 |
| 29.0 | 0801 | 5.0 | | | 0.46 | 4.4 | | | | | | 0.05 | 6 | | 19.38 | 16.27 | 13.72 |
| 29.0 | 0801 | 6.0 | | | 0.40 | 3.7 | | | | | | 0.05 | 6 | | 19.51 | 16.41 | 13.79 |
| 29.0 | 0801 | 7.0 | | | 0.35 | 3.0 | | | | | | 0.05 | 6 | | 19.69 | 16.54 | 13.90 |
| 29.0 | 0801 | 8.0 | | | 0.32 | 2.6 | | | | | | 0.05 | 6 | | 19.72 | 16.59 | 13.91 |
| 29.0 | 0801 | 9.0 | | | 0.33 | 2.7 | | | | | | 0.05 | 6 | | 19.84 | 16.74 | 13.98 |
| 29.0 | 0801 | 10.0 | | | 0.37 | 3.2 | | | | | | 0.05 | 6 | | 19.97 | 16.75 | 14.07 |
| 29.0 | 0801 | 11.0 | | | 0.40 | 3.6 | | | | | | 0.05 | 6 | | 20.03 | 16.71 | 14.12 |
| 29.0 | 0801 | 12.0 | | | 0.43 | 4.0 | | | | | | 0.05 | 6 | | 20.11 | 16.72 | 14.18 |
| 29.0 | 0801 | 13.0 | | | 0.45 | 4.3 | | | | | | 0.05 | 6 | | 20.18 | 16.69 | 14.24 |
| 29.0 | 0801 | 14.0 | | | 0.46 | 4.4 | | | | | | 0.05 | 6 | | 20.25 | 16.67 | 14.30 |
| 29.0 | 0801 | 15.0 | | | 0.45 | 4.3 | | | | | | 0.04 | 5 | | 20.35 | 16.63 | 14.39 |
| 27.0 | 0826 | 1.0 | | | 0.47 | 4.6 | | | | | | 0.05 | 5 | 0.9 | 20.05 | 16.55 | 14.18 |
| 27.0 | 0826 | 2.0 | 5.4 | 0.85 | 0.47 | 4.5 | | | | | 5.2 | 0.05 | 5 | | 20.05 | 16.55 | 14.18 |
| 27.0 | 0826 | 3.0 | | | 0.46 | 4.5 | | | | | | 0.04 | 5 | | 20.05 | 16.55 | 14.18 |
| 27.0 | 0826 | 4.0 | | | 0.45 | 4.3 | | | | | | 0.04 | 5 | | 20.05 | 16.55 | 14.18 |
| 27.0 | 0826 | 5.0 | | | 0.44 | 4.2 | | | | | | 0.04 | 5 | | 20.05 | 16.54 | 14.18 |
| 27.0 | 0826 | 6.0 | | | 0.44 | 4.2 | | | | | | 0.04 | 5 | | 20.06 | 16.53 | 14.18 |
| 27.0 | 0826 | 7.0 | | | 0.41 | 3.8 | | | | | | 0.04 | 5 | | 20.06 | 16.53 | 14.18 |
| 27.0 | 0826 | 8.0 | | | 0.37 | 3.3 | | | | | | 0.04 | 5 | | 20.25 | 16.42 | 14.35 |
| 27.0 | 0826 | 9.0 | | | 0.35 | 3.0 | | | | | | 0.04 | 5 | | 20.39 | 16.32 | 14.48 |
| 27.0 | 0826 | 10.0 | | | 0.33 | 2.7 | | | | | | 0.04 | 4 | | 20.40 | 16.29 | 14.50 |
| 27.0 | 0826 | 11.0 | | | 0.32 | 2.6 | | | | | | 0.03 | 4 | | 20.42 | 16.26 | 14.51 |
| 27.0 | 0826 | 12.0 | 2.5 | 0.74 | 0.33 | 2.7 | | | | | | 0.04 | 4 | | 20.43 | 16.25 | 14.52 |
| 25.0 | 0851 | 1.0 | | | 0.75 | 8.3 | | | | | | 0.03 | 3 | 0.9 | 19.92 | 15.42 | 14.30 |
| 25.0 | 0851 | 2.0 | | | 0.74 | 8.2 | | | | | | 0.03 | 3 | | 19.92 | 15.42 | 14.30 |
| 25.0 | 0851 | 3.0 | | | 0.73 | 8.1 | | | | | | 0.03 | 3 | | 19.91 | 15.42 | 14.30 |
| 25.0 | 0851 | 4.0 | | | 0.73 | 8.1 | | | | | | 0.03 | 3 | | 19.90 | 15.41 | 14.29 |
| 25.0 | 0851 | 5.0 | | | 0.69 | 7.5 | | | | | | 0.03 | 3 | | 19.93 | 15.41 | 14.31 |
| 25.0 | 0851 | 6.0 | | | 0.57 | 5.9 | | | | | | 0.03 | 3 | | 20.07 | 15.45 | 14.40 |
| 25.0 | 0851 | 7.0 | | | 0.47 | 4.6 | | | | | | 0.03 | 3 | | 20.13 | 15.49 | 14.45 |
| 25.0 | 0851 | 8.0 | | | 0.47 | 4.6 | | | | | | 0.03 | 2 | | 20.32 | 15.63 | 14.56 |
| 24.0 | 0906 | 1.0 | | | 0.47 | 4.6 | | | | | | 0.03 | 2 | 0.7 | 20.31 | 15.26 | 14.63 |
| 24.0 | 0906 | 2.0 | 5.1 | 0.87 | 0.47 | 4.5 | | | | | 2.7 | 0.03 | 3 | | 20.31 | 15.27 | 14.63 |
| 24.0 | 0906 | 3.0 | | | 0.47 | 4.5 | | | | | | 0.03 | 3 | | 20.31 | 15.28 | 14.63 |
| 24.0 | 0906 | 4.0 | | | 0.47 | 4.6 | | | | | | 0.03 | 3 | | 20.31 | 15.26 | 14.63 |
| 24.0 | 0906 | 5.0 | | | 0.45 | 4.3 | | | | | | 0.03 | 3 | | 20.32 | 15.26 | 14.64 |

South San Francisco Bay May 19, 1998 98139

| 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 | 0906 | 6.0 | | | 0.40 | 3.7 | | | | | | 0.03 | 3 | | 20.42 | 15.31 | 14.71 |
| 24.0 | 0906 | 7.0 | | | 0.33 | 2.7 | | | | | | 0.03 | 3 | | 20.78 | 15.38 | 14.97 |
| 24.0 | 0906 | 8.0 | | | 0.25 | 1.6 | | | | | | 0.03 | 3 | | 21.95 | 14.98 | 15.94 |
| 24.0 | 0906 | 9.0 | | | 0.22 | 1.2 | | | | | | 0.03 | 3 | | 22.84 | 14.70 | 16.68 |
| 24.0 | 0906 | 10.0 | 1.6 | 0.69 | 0.22 | 1.2 | | | | | | 0.03 | 4 | | 23.20 | 14.59 | 16.98 |
| 22.0 | 0933 | 1.0 | | | 0.37 | 3.2 | | | | | | 0.03 | 3 | 0.6 | 21.16 | 14.89 | 15.35 |
| 22.0 | 0933 | 2.0 | | | 0.36 | 3.1 | | | | | | 0.03 | 3 | | 21.17 | 14.89 | 15.36 |
| 22.0 | 0933 | 3.0 | | | 0.36 | 3.2 | | | | | | 0.03 | 2 | | 21.17 | 14.89 | 15.36 |
| 22.0 | 0933 | 4.0 | | | 0.36 | 3.1 | | | | | | 0.03 | 2 | | 21.16 | 14.89 | 15.35 |
| 22.0 | 0933 | 5.0 | | | 0.38 | 3.3 | | | | | | 0.02 | 2 | | 21.18 | 14.89 | 15.37 |
| 22.0 | 0933 | 6.0 | | | 0.38 | 3.3 | | | | | | 0.03 | 3 | | 21.38 | 14.89 | 15.52 |
| 22.0 | 0933 | 7.0 | | | 0.34 | 2.8 | | | | | | 0.03 | 3 | | 21.60 | 14.83 | 15.70 |
| 22.0 | 0933 | 8.0 | | | 0.27 | 1.9 | | | | | | 0.03 | 3 | | 21.86 | 14.91 | 15.89 |
| 22.0 | 0933 | 9.0 | | | 0.23 | 1.4 | | | | | | 0.02 | 2 | | 22.31 | 14.88 | 16.23 |
| 22.0 | 0933 | 10.0 | | | 0.23 | 1.3 | | | | | | 0.03 | 2 | | 23.85 | 14.42 | 17.51 |
| 22.0 | 0933 | 11.0 | | | 0.22 | 1.2 | | | | | | 0.03 | 3 | | 25.30 | 14.08 | 18.69 |
| 22.0 | 0933 | 12.0 | | | 0.21 | 1.0 | | | | | | 0.03 | 3 | | 26.26 | 13.86 | 19.47 |
| 22.0 | 0933 | 13.0 | | | 0.19 | 0.9 | | | | | | 0.03 | 4 | | 26.55 | 13.81 | 19.70 |
| 22.0 | 0933 | 14.0 | | | 0.19 | 0.9 | | | | | | 0.04 | 4 | | 27.11 | 13.68 | 20.16 |
| 22.0 | 0933 | 15.0 | | | 0.21 | 1.1 | | | | | | 0.04 | 5 | | 27.79 | 13.56 | 20.71 |
| 22.0 | 0933 | 16.0 | | | 0.23 | 1.3 | | | | | | 0.06 | 7 | | 27.87 | 13.54 | 20.78 |
| 22.0 | 0933 | 17.0 | | | 0.23 | 1.3 | | | | | | 0.06 | 8 | | 27.93 | 13.53 | 20.82 |
| 22.0 | 0933 | 18.0 | | | 0.23 | 1.3 | | | | | | 0.07 | 9 | | 27.96 | 13.52 | 20.85 |
| 21.0 | 0947 | 1.0 | | | 0.48 | 4.7 | | | | | | 0.03 | 2 | 0.7 | 20.53 | 15.39 | 14.77 |
| 21.0 | 0947 | 2.0 | 5.2 | 0.90 | 0.48 | 4.7 | | | | | 2.9 | 0.03 | 2 | | 20.53 | 15.39 | 14.77 |
| 21.0 | 0947 | 3.0 | | | 0.51 | 5.1 | | | | | | 0.02 | 2 | | 20.53 | 15.36 | 14.78 |
| 21.0 | 0947 | 4.0 | | | 0.46 | 4.5 | | | | | | 0.03 | 2 | | 20.57 | 15.32 | 14.81 |
| 21.0 | 0947 | 5.0 | | | 0.34 | 2.9 | | | | | | 0.03 | 2 | | 20.82 | 15.39 | 14.99 |
| 21.0 | 0947 | 6.0 | | | 0.27 | 1.9 | | | | | | 0.03 | 2 | | 21.33 | 15.35 | 15.39 |
| 21.0 | 0947 | 7.0 | | | 0.24 | 1.5 | | | | | | 0.03 | 3 | | 22.80 | 14.83 | 16.63 |
| 21.0 | 0947 | 8.0 | | | 0.23 | 1.3 | | | | | | 0.03 | 3 | | 22.90 | 14.80 | 16.71 |
| 21.0 | 0947 | 9.0 | | | 0.22 | 1.2 | | | | | | 0.04 | 4 | | 22.94 | 14.78 | 16.74 |
| 21.0 | 0947 | 10.0 | | | 0.21 | 1.1 | | | | | | 0.04 | 4 | | 23.13 | 14.69 | 16.90 |
| 21.0 | 0947 | 11.0 | | | 0.21 | 1.0 | | | | | | 0.04 | 4 | | 24.28 | 14.32 | 17.86 |
| 21.0 | 0947 | 12.0 | | | 0.20 | 0.9 | | | | | | 0.04 | 4 | | 26.04 | 13.92 | 19.29 |
| 21.0 | 0947 | 13.0 | | | 0.18 | 0.7 | | | | | | 0.03 | 3 | | 26.77 | 13.76 | 19.89 |
| 21.0 | 0947 | 14.0 | | | 0.19 | 0.8 | | | | | | 0.03 | 3 | | 27.43 | 13.63 | 20.42 |
| 21.0 | 0947 | 15.0 | | | 0.20 | 0.9 | | | | | | 0.03 | 3 | | 27.81 | 13.56 | 20.72 |
| 21.0 | 0947 | 16.0 | | | 0.21 | 1.1 | | | | | | 0.04 | 4 | | 27.93 | 13.54 | 20.83 |
| 21.0 | 0947 | 17.0 | | | 0.23 | 1.4 | | | | | | 0.05 | 5 | | 28.00 | 13.52 | 20.88 |
| 21.0 | 0947 | 18.0 | 1.9 | 0.56 | 0.23 | 1.4 | | | | | | 0.06 | 8 | | 28.06 | 13.52 | 20.92 |

South San Francisco Bay May 19, 1998 98139

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| | n | r^2 | Slope | Inter. | Std. Err. |
|---|---|---|---|---|---|
| Fluorometer Calibration: | 12 | 0.800 | 13.425 | -1.746 | 0.655 |
| OBS Calibration: | 6 | 1.000 | 140.734 | -1.192 | 0.554 |

SeaBird v4.026

South San Francisco Bay June 2, 1998 98153

| 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 | 0923 | 1.0 | | | 0.38 | 2.5 | | 6.9 | 6.8 | 80 | | 0.18 | 23 | 2.2 | 16.05 | 17.92 | 10.84 |
| 36.0 | 0923 | 2.0 | 2.1 | 0.52 | 0.37 | 2.4 | 6.8 | 6.9 | 6.8 | 79 | 20.1 | 0.18 | 22 | | 16.33 | 17.87 | 11.06 |
| 36.0 | 0923 | 3.0 | | | 0.35 | 2.2 | | 6.8 | 6.8 | 79 | | 0.17 | 22 | | 16.44 | 17.83 | 11.15 |
| 36.0 | 0923 | 4.0 | | | 0.33 | 2.0 | | 6.8 | 6.8 | 79 | | 0.18 | 22 | | 16.49 | 17.81 | 11.19 |
| 36.0 | 0923 | 5.0 | | | 0.32 | 1.9 | | 6.8 | 6.7 | 78 | | 0.18 | 22 | | 16.61 | 17.82 | 11.28 |
| 36.0 | 0923 | 6.0 | | | 0.32 | 2.0 | | 6.7 | 6.7 | 78 | | 0.18 | 23 | | 16.67 | 17.84 | 11.32 |
| 36.0 | 0923 | 7.0 | 1.5 | 0.39 | 0.32 | 2.0 | | 6.8 | 6.7 | 78 | | 0.20 | 25 | | 16.72 | 17.87 | 11.35 |
| 35.0 | 0937 | 1.0 | | | 0.46 | 3.3 | | 7.0 | 7.0 | 81 | | 0.22 | 27 | 2.6 | 15.55 | 18.06 | 10.43 |
| 35.0 | 0937 | 2.0 | | | 0.41 | 2.8 | | 6.9 | 6.8 | 80 | | 0.18 | 22 | | 16.74 | 17.95 | 11.36 |
| 35.0 | 0937 | 3.0 | | | 0.38 | 2.5 | | 6.9 | 6.8 | 80 | | 0.17 | 21 | | 16.83 | 17.93 | 11.43 |
| 35.0 | 0937 | 4.0 | | | 0.37 | 2.4 | | 6.9 | 6.8 | 80 | | 0.17 | 21 | | 16.89 | 17.96 | 11.46 |
| 35.0 | 0937 | 5.0 | | | 0.36 | 2.4 | | 6.8 | 6.7 | 79 | | 0.18 | 22 | | 16.95 | 17.97 | 11.51 |
| 35.0 | 0937 | 6.0 | | | 0.36 | 2.3 | | 6.8 | 6.7 | 79 | | 0.18 | 22 | | 17.00 | 17.98 | 11.54 |
| 35.0 | 0937 | 7.0 | | | 0.37 | 2.4 | | 6.8 | 6.7 | 78 | | 0.18 | 23 | | 17.03 | 17.99 | 11.57 |
| 35.0 | 0937 | 8.0 | | | 0.37 | 2.4 | | 6.8 | 6.7 | 78 | | 0.20 | 25 | | 17.07 | 17.97 | 11.60 |
| 34.0 | 0948 | 1.0 | | | 0.36 | 2.3 | | 6.9 | 6.8 | 79 | | 0.22 | 28 | 2.7 | 16.10 | 17.91 | 10.88 |
| 34.0 | 0948 | 2.0 | | | 0.36 | 2.3 | | 6.9 | 6.8 | 79 | | 0.22 | 28 | | 16.50 | 17.88 | 11.18 |
| 34.0 | 0948 | 3.0 | | | 0.38 | 2.5 | | 6.9 | 6.8 | 80 | | 0.23 | 28 | | 16.72 | 17.94 | 11.34 |
| 34.0 | 0948 | 4.0 | | | 0.40 | 2.7 | | 6.9 | 6.8 | 80 | | 0.22 | 28 | | 16.81 | 18.00 | 11.40 |
| 34.0 | 0948 | 5.0 | | | 0.42 | 2.9 | | 6.8 | 6.7 | 79 | | 0.24 | 30 | | 17.01 | 18.07 | 11.53 |
| 34.0 | 0948 | 6.0 | | | 0.41 | 2.9 | | 6.8 | 6.7 | 79 | | 0.30 | 37 | | 17.05 | 18.07 | 11.56 |
| 33.0 | 1002 | 1.0 | | | 0.47 | 3.4 | | 6.8 | 6.8 | 80 | | 0.14 | 17 | 1.8 | 17.24 | 18.26 | 11.66 |
| 33.0 | 1002 | 2.0 | | | 0.47 | 3.4 | | 6.8 | 6.7 | 79 | | 0.13 | 17 | | 17.26 | 18.23 | 11.69 |
| 33.0 | 1002 | 3.0 | | | 0.44 | 3.1 | | 6.8 | 6.7 | 79 | | 0.13 | 17 | | 17.38 | 18.15 | 11.80 |
| 33.0 | 1002 | 4.0 | | | 0.42 | 2.9 | | 6.8 | 6.7 | 79 | | 0.13 | 17 | | 17.54 | 18.14 | 11.92 |
| 33.0 | 1002 | 5.0 | | | 0.40 | 2.7 | | 6.8 | 6.7 | 79 | | 0.13 | 16 | | 17.60 | 18.13 | 11.97 |
| 33.0 | 1002 | 6.0 | | | 0.39 | 2.6 | | 6.7 | 6.6 | 78 | | 0.13 | 16 | | 17.74 | 18.10 | 12.08 |
| 33.0 | 1002 | 7.0 | | | 0.39 | 2.6 | | 6.7 | 6.6 | 78 | | 0.13 | 17 | | 17.88 | 18.05 | 12.20 |
| 33.0 | 1002 | 8.0 | | | 0.38 | 2.5 | | 6.7 | 6.6 | 78 | | 0.14 | 18 | | 17.94 | 18.02 | 12.25 |
| 33.0 | 1002 | 9.0 | | | 0.38 | 2.5 | | 6.7 | 6.6 | 77 | | 0.16 | 20 | | 18.00 | 17.99 | 12.30 |
| 33.0 | 1002 | 10.0 | | | 0.38 | 2.5 | | 6.6 | 6.5 | 77 | | 0.17 | 21 | | 18.06 | 17.95 | 12.36 |
| 33.0 | 1002 | 11.0 | | | 0.37 | 2.4 | | 6.6 | 6.5 | 77 | | 0.17 | 22 | | 18.12 | 17.92 | 12.41 |
| 33.0 | 1002 | 12.0 | | | 0.37 | 2.4 | | 6.6 | 6.5 | 76 | | 0.18 | 23 | | 18.18 | 17.89 | 12.46 |
| 33.0 | 1002 | 13.0 | | | 0.37 | 2.4 | | 6.6 | 6.5 | 77 | | 0.20 | 25 | | 18.17 | 17.90 | 12.46 |
| 32.0 | 1011 | 1.0 | | | 0.43 | 3.0 | | 6.9 | 6.8 | 80 | | 0.12 | 15 | 1.7 | 17.59 | 18.25 | 11.94 |
| 32.0 | 1011 | 2.0 | 2.5 | 0.67 | 0.41 | 2.8 | | 6.9 | 6.8 | 80 | 18.8 | 0.12 | 15 | | 17.67 | 18.09 | 12.03 |
| 32.0 | 1011 | 3.0 | | | 0.39 | 2.6 | | 6.9 | 6.8 | 80 | | 0.12 | 15 | | 17.77 | 18.02 | 12.13 |
| 32.0 | 1011 | 4.0 | | | 0.37 | 2.4 | | 6.9 | 6.8 | 80 | | 0.12 | 15 | | 17.86 | 17.97 | 12.20 |
| 32.0 | 1011 | 5.0 | | | 0.36 | 2.3 | | 6.8 | 6.8 | 80 | | 0.11 | 14 | | 17.94 | 17.94 | 12.27 |

South San Francisco Bay June 2, 1998 98153

| 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 | 1011 | 6.0 | | | 0.35 | 2.2 | | 6.8 | 6.7 | 79 | | 0.11 | 14 | | 18.12 | 17.89 | 12.41 |
| 32.0 | 1011 | 7.0 | | | 0.35 | 2.2 | | 6.7 | 6.6 | 78 | | 0.11 | 14 | | 18.21 | 17.86 | 12.49 |
| 32.0 | 1011 | 8.0 | | | 0.36 | 2.3 | | 6.7 | 6.6 | 78 | | 0.12 | 15 | | 18.26 | 17.85 | 12.53 |
| 32.0 | 1011 | 9.0 | | | 0.36 | 2.3 | | 6.7 | 6.6 | 77 | | 0.14 | 18 | | 18.31 | 17.83 | 12.57 |
| 32.0 | 1011 | 10.0 | | | 0.36 | 2.3 | | 6.7 | 6.6 | 77 | | 0.15 | 19 | | 18.35 | 17.82 | 12.61 |
| 32.0 | 1011 | 11.0 | | | 0.36 | 2.3 | | 6.7 | 6.6 | 77 | | 0.17 | 21 | | 18.36 | 17.81 | 12.62 |
| 32.0 | 1011 | 12.0 | 1.9 | 0.46 | 0.36 | 2.3 | | 6.7 | 6.6 | 77 | | 0.19 | 24 | | 18.39 | 17.80 | 12.64 |
| 31.0 | 1022 | 1.0 | | | 0.37 | 2.4 | | 6.8 | 6.7 | 79 | | 0.10 | 13 | 1.5 | 18.22 | 18.10 | 12.44 |
| 31.0 | 1022 | 2.0 | | | 0.35 | 2.3 | | 6.8 | 6.7 | 79 | | 0.11 | 13 | | 18.37 | 17.92 | 12.60 |
| 31.0 | 1022 | 3.0 | | | 0.33 | 2.1 | | 6.8 | 6.7 | 79 | | 0.11 | 13 | | 18.43 | 17.83 | 12.67 |
| 31.0 | 1022 | 4.0 | | | 0.32 | 1.9 | | 6.8 | 6.8 | 80 | | 0.10 | 13 | | 18.50 | 17.73 | 12.74 |
| 31.0 | 1022 | 5.0 | | | 0.32 | 1.9 | | 6.8 | 6.8 | 80 | | 0.09 | 12 | | 18.58 | 17.73 | 12.80 |
| 31.0 | 1022 | 6.0 | | | 0.33 | 2.0 | | 6.8 | 6.7 | 79 | | 0.09 | 12 | | 18.63 | 17.72 | 12.84 |
| 31.0 | 1022 | 7.0 | | | 0.32 | 2.0 | | 6.8 | 6.7 | 79 | | 0.09 | 12 | | 18.67 | 17.70 | 12.88 |
| 31.0 | 1022 | 8.0 | | | 0.31 | 1.9 | | 6.8 | 6.7 | 79 | | 0.09 | 12 | | 18.76 | 17.65 | 12.96 |
| 31.0 | 1022 | 9.0 | | | 0.30 | 1.8 | | 6.8 | 6.7 | 79 | | 0.09 | 11 | | 18.83 | 17.64 | 13.01 |
| 31.0 | 1022 | 10.0 | | | 0.30 | 1.7 | | 6.8 | 6.7 | 79 | | 0.09 | 11 | | 18.90 | 17.58 | 13.08 |
| 31.0 | 1022 | 11.0 | | | 0.29 | 1.7 | | 6.8 | 6.7 | 79 | | 0.09 | 12 | | 18.95 | 17.55 | 13.12 |
| 31.0 | 1022 | 12.0 | | | 0.29 | 1.7 | | 6.8 | 6.7 | 79 | | 0.10 | 13 | | 18.97 | 17.54 | 13.14 |
| 31.0 | 1022 | 13.0 | | | 0.29 | 1.6 | | 6.8 | 6.7 | 79 | | 0.11 | 14 | | 18.98 | 17.54 | 13.15 |
| 31.0 | 1022 | 14.0 | | | 0.29 | 1.7 | | 6.8 | 6.7 | 78 | | 0.12 | 15 | | 18.99 | 17.53 | 13.15 |
| 31.0 | 1022 | 15.0 | | | 0.30 | 1.7 | | 6.8 | 6.7 | 79 | | 0.12 | 15 | | 18.98 | 17.56 | 13.14 |
| 30.0 | 1038 | 1.0 | | | 0.55 | 4.2 | | 7.3 | 7.3 | 85 | | 0.06 | 8 | 1.2 | 18.70 | 17.61 | 12.92 |
| 30.0 | 1038 | 2.0 | 4.2 | 0.79 | 0.55 | 4.2 | | 7.3 | 7.3 | 86 | 7.4 | 0.06 | 8 | | 18.71 | 17.61 | 12.93 |
| 30.0 | 1038 | 3.0 | | | 0.56 | 4.2 | | 7.3 | 7.3 | 85 | | 0.06 | 8 | | 18.71 | 17.62 | 12.92 |
| 30.0 | 1038 | 4.0 | | | 0.51 | 3.8 | | 7.2 | 7.2 | 84 | | 0.06 | 8 | | 18.73 | 17.58 | 12.94 |
| 30.0 | 1038 | 5.0 | | | 0.43 | 3.0 | | 7.2 | 7.2 | 84 | | 0.06 | 8 | | 18.81 | 17.50 | 13.02 |
| 30.0 | 1038 | 6.0 | | | 0.37 | 2.4 | | 7.1 | 7.1 | 83 | | 0.06 | 8 | | 18.85 | 17.49 | 13.06 |
| 30.0 | 1038 | 7.0 | | | 0.31 | 1.8 | | 7.1 | 7.0 | 82 | | 0.06 | 8 | | 18.99 | 17.41 | 13.18 |
| 30.0 | 1038 | 8.0 | | | 0.27 | 1.4 | | 7.0 | 7.0 | 82 | | 0.06 | 8 | | 19.25 | 17.35 | 13.40 |
| 30.0 | 1038 | 9.0 | | | 0.25 | 1.3 | | 7.0 | 6.9 | 82 | | 0.06 | 8 | | 19.29 | 17.34 | 13.43 |
| 30.0 | 1038 | 10.0 | | | 0.25 | 1.2 | | 7.0 | 7.0 | 82 | | 0.06 | 8 | | 19.30 | 17.34 | 13.43 |
| 30.0 | 1038 | 11.0 | | | 0.26 | 1.3 | | 7.0 | 7.0 | 82 | | 0.06 | 8 | | 19.31 | 17.34 | 13.44 |
| 30.0 | 1038 | 12.0 | 1.1 | 0.60 | 0.26 | 1.3 | | 7.0 | 6.9 | 81 | | 0.07 | 9 | | 19.32 | 17.34 | 13.45 |
| 29.5 | 1053 | 1.0 | | | 0.35 | 2.3 | | 7.2 | 7.2 | 85 | | 0.04 | 6 | 0.9 | 19.31 | 17.41 | 13.43 |
| 29.5 | 1053 | 2.0 | | | 0.35 | 2.3 | | 7.2 | 7.2 | 84 | | 0.04 | 6 | | 19.30 | 17.43 | 13.41 |
| 29.5 | 1053 | 3.0 | | | 0.35 | 2.3 | | 7.2 | 7.2 | 84 | | 0.04 | 6 | | 19.30 | 17.43 | 13.41 |
| 29.5 | 1053 | 4.0 | | | 0.35 | 2.3 | | 7.2 | 7.2 | 84 | | 0.04 | 6 | | 19.30 | 17.43 | 13.41 |
| 29.5 | 1053 | 5.0 | | | 0.35 | 2.3 | | 7.2 | 7.2 | 84 | | 0.04 | 6 | | 19.37 | 17.37 | 13.48 |
| 29.5 | 1053 | 6.0 | | | 0.33 | 2.0 | | 7.2 | 7.2 | 84 | | 0.04 | 5 | | 19.44 | 17.32 | 13.54 |

South San Francisco Bay June 2, 1998 98153

| 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 | 1053 | 7.0 | | | 0.30 | 1.7 | | 7.2 | 7.1 | 84 | | 0.04 | 5 | | 19.49 | 17.28 | 13.59 |
| 29.5 | 1053 | 8.0 | | | 0.27 | 1.5 | | 7.2 | 7.1 | 84 | | 0.04 | 5 | | 19.53 | 17.26 | 13.63 |
| 29.5 | 1053 | 9.0 | | | 0.26 | 1.4 | | 7.1 | 7.1 | 83 | | 0.04 | 5 | | 19.55 | 17.26 | 13.64 |
| 29.5 | 1053 | 10.0 | | | 0.26 | 1.3 | | 7.1 | 7.1 | 83 | | 0.04 | 5 | | 19.59 | 17.26 | 13.67 |
| 29.5 | 1053 | 11.0 | | | 0.25 | 1.3 | | 7.1 | 7.1 | 83 | | 0.04 | 5 | | 19.62 | 17.25 | 13.69 |
| 29.5 | 1053 | 12.0 | | | 0.25 | 1.2 | | 7.1 | 7.1 | 83 | | 0.0 | 5 | | 19.67 | 17.25 | 13.74 |
| 29.5 | 1053 | 13.0 | | | 0.25 | 1.2 | | 7.1 | 7.1 | 83 | | 0.0 | 5 | | 19.68 | 17.25 | 13.74 |
| 29.5 | 1053 | 14.0 | | | 0.24 | 1.2 | | 7.1 | 7.1 | 83 | | 0.0 | 5 | | 19.69 | 17.25 | 13.75 |
| 29.5 | 1053 | 15.0 | | | 0.24 | 1.2 | | 7.1 | 7.0 | 83 | | 0.0 | 5 | | 19.69 | 17.25 | 13.75 |
| 29.5 | 1053 | 16.0 | | | 0.25 | 1.2 | | 7.1 | 7.0 | 83 | | 0.04 | 5 | | 19.69 | 17.25 | 13.76 |
| 29.5 | 1053 | 17.0 | | | 0.25 | 1.2 | | 7.1 | 7.0 | 83 | | 0.04 | 6 | | 19.70 | 17.25 | 13.76 |
| 29.0 | 1105 | 1.0 | | | 0.31 | 1.8 | | 7.1 | 7.1 | 83 | | 0.03 | 4 | 0.8 | 19.60 | 17.38 | 13.65 |
| 29.0 | 1105 | 2.0 | | | 0.31 | 1.9 | | 7.2 | 7.1 | 84 | | 0.04 | 5 | | 19.62 | 17.38 | 13.67 |
| 29.0 | 1105 | 3.0 | | | 0.32 | 1.9 | | 7.2 | 7.2 | 84 | | 0.04 | 5 | | 19.62 | 17.38 | 13.67 |
| 29.0 | 1105 | 4.0 | | | 0.32 | 1.9 | | 7.2 | 7.1 | 84 | | 0.04 | 5 | | 19.61 | 17.38 | 13.66 |
| 29.0 | 1105 | 5.0 | | | 0.31 | 1.8 | | 7.1 | 7.1 | 83 | | 0.04 | 5 | | 19.66 | 17.30 | 13.72 |
| 29.0 | 1105 | 6.0 | | | 0.29 | 1.7 | | 7.2 | 7.1 | 84 | | 0.04 | 5 | | 19.74 | 17.21 | 13.80 |
| 29.0 | 1105 | 7.0 | | | 0.27 | 1.5 | | 7.2 | 7.2 | 84 | | 0.03 | 4 | | 19.79 | 17.20 | 13.83 |
| 29.0 | 1105 | 8.0 | | | 0.26 | 1.3 | | 7.2 | 7.1 | 84 | | 0.03 | 4 | | 19.93 | 17.29 | 13.93 |
| 29.0 | 1105 | 9.0 | | | 0.25 | 1.3 | | 7.2 | 7.1 | 84 | | 0.03 | 4 | | 20.01 | 17.32 | 13.98 |
| 29.0 | 1105 | 10.0 | | | 0.25 | 1.3 | | 7.2 | 7.1 | 84 | | 0.03 | 4 | | 20.05 | 17.33 | 14.00 |
| 29.0 | 1105 | 11.0 | | | 0.25 | 1.3 | | 7.1 | 7.1 | 84 | | 0.03 | 4 | | 20.08 | 17.34 | 14.03 |
| 29.0 | 1105 | 12.0 | | | 0.25 | 1.3 | | 7.2 | 7.1 | 84 | | 0.03 | 4 | | 20.10 | 17.35 | 14.04 |
| 29.0 | 1105 | 13.0 | | | 0.25 | 1.3 | | 7.2 | 7.1 | 84 | | 0.03 | 4 | | 20.11 | 17.35 | 14.05 |
| 29.0 | 1105 | 14.0 | | | 0.26 | 1.3 | | 7.2 | 7.2 | 85 | | 0.03 | 4 | | 20.11 | 17.35 | 14.05 |
| 29.0 | 1105 | 15.0 | | | 0.26 | 1.3 | | 7.2 | 7.1 | 84 | | 0.03 | 4 | | 20.12 | 17.35 | 14.05 |
| 28.0 | 1120 | 1.0 | | | 0.43 | 3.0 | | 7.1 | 7.1 | 84 | | 0.04 | 5 | 0.7 | 19.99 | 17.49 | 13.93 |
| 28.0 | 1120 | 2.0 | | | 0.44 | 3.1 | | 7.3 | 7.3 | 86 | | 0.03 | 4 | | 19.99 | 17.49 | 13.93 |
| 28.0 | 1120 | 3.0 | | | 0.45 | 3.2 | | 7.3 | 7.3 | 86 | | 0.03 | 4 | | 19.99 | 17.49 | 13.93 |
| 28.0 | 1120 | 4.0 | | | 0.43 | 3.0 | | 7.3 | 7.3 | 86 | | 0.03 | 4 | | 20.00 | 17.47 | 13.94 |
| 28.0 | 1120 | 5.0 | | | 0.39 | 2.6 | | 7.3 | 7.2 | 85 | | 0.03 | 4 | | 20.02 | 17.39 | 13.97 |
| 28.0 | 1120 | 6.0 | | | 0.34 | 2.1 | | 7.3 | 7.2 | 85 | | 0.03 | 4 | | 20.07 | 17.31 | 14.03 |
| 28.0 | 1120 | 7.0 | | | 0.31 | 1.8 | | 7.2 | 7.2 | 85 | | 0.03 | 4 | | 20.18 | 17.32 | 14.11 |
| 28.0 | 1120 | 8.0 | | | 0.29 | 1.7 | | 7.2 | 7.2 | 85 | | 0.03 | 4 | | 20.30 | 17.33 | 14.20 |
| 28.0 | 1120 | 9.0 | | | 0.29 | 1.6 | | 7.2 | 7.2 | 85 | | 0.03 | 4 | | 20.35 | 17.34 | 14.23 |
| 28.0 | 1120 | 10.0 | | | 0.28 | 1.6 | | 7.2 | 7.2 | 85 | | 0.03 | 4 | | 20.43 | 17.35 | 14.29 |
| 28.0 | 1120 | 11.0 | | | 0.28 | 1.6 | | 7.2 | 7.2 | 85 | | 0.03 | 4 | | 20.47 | 17.35 | 14.32 |
| 28.0 | 1120 | 12.0 | | | 0.28 | 1.6 | | 7.2 | 7.2 | 85 | | 0.03 | 4 | | 20.49 | 17.36 | 14.34 |
| 28.0 | 1120 | 13.0 | | | 0.29 | 1.6 | | 7.2 | 7.2 | 85 | | 0.03 | 4 | | 20.50 | 17.36 | 14.35 |
| 28.0 | 1120 | 14.0 | | | 0.29 | 1.6 | | 7.2 | 7.2 | 85 | | 0.03 | 4 | | 20.51 | 17.36 | 14.35 |
| 28.0 | 1120 | 15.0 | | | 0.29 | 1.6 | | 7.2 | 7.2 | 85 | | 0.03 | 4 | | 20.51 | 17.36 | 14.36 |

South San Francisco Bay June 2, 1998 98153

| 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 | 1134 | 1.0 | | | 0.48 | 3.5 | | 7.5 | 7.5 | 89 | | 0.02 | 3 | 0.7 | 20.20 | 17.41 | 14.10 |
| 27.0 | 1134 | 2.0 | 3.3 | 0.87 | 0.48 | 3.5 | 7.7 | 7.6 | 7.6 | 89 | 2.2 | 0.02 | 3 | | 20.20 | 17.42 | 14.10 |
| 27.0 | 1134 | 3.0 | | | 0.48 | 3.5 | | 7.6 | 7.6 | 89 | | 0.03 | 3 | | 20.19 | 17.42 | 14.10 |
| 27.0 | 1134 | 4.0 | | | 0.46 | 3.3 | | 7.5 | 7.5 | 89 | | 0.03 | 3 | | 20.19 | 17.41 | 14.10 |
| 27.0 | 1134 | 5.0 | | | 0.40 | 2.7 | | 7.4 | 7.4 | 87 | | 0.02 | 3 | | 20.26 | 17.35 | 14.16 |
| 27.0 | 1134 | 6.0 | | | 0.34 | 2.1 | | 7.3 | 7.3 | 86 | | 0.02 | 3 | | 20.43 | 17.25 | 14.31 |
| 27.0 | 1134 | 7.0 | | | 0.31 | 1.8 | | 7.3 | 7.3 | 86 | | 0.03 | 3 | | 20.50 | 17.20 | 14.38 |
| 27.0 | 1134 | 8.0 | | | 0.29 | 1.7 | | 7.3 | 7.3 | 86 | | 0.03 | 4 | | 20.53 | 17.19 | 14.40 |
| 27.0 | 1134 | 9.0 | | | 0.28 | 1.6 | | 7.3 | 7.3 | 86 | | 0.03 | 4 | | 20.53 | 17.18 | 14.40 |
| 27.0 | 1134 | 10.0 | | | 0.28 | 1.5 | | 7.3 | 7.3 | 86 | | 0.03 | 4 | | 20.54 | 17.18 | 14.41 |
| 27.0 | 1134 | 11.0 | | | 0.28 | 1.5 | | 7.3 | 7.3 | 86 | | 0.03 | 4 | | 20.54 | 17.18 | 14.42 |
| 27.0 | 1134 | 12.0 | 1.4 | 0.65 | 0.28 | 1.5 | | 7.3 | 7.3 | 86 | | 0.03 | 4 | | 20.55 | 17.18 | 14.42 |
| 26.0 | 1147 | 1.0 | | | 0.44 | 3.1 | | 7.5 | 7.5 | 89 | | 0.03 | 4 | 0.7 | 20.41 | 17.30 | 14.29 |
| 26.0 | 1147 | 2.0 | | | 0.45 | 3.2 | | 7.5 | 7.5 | 89 | | 0.03 | 4 | | 20.40 | 17.32 | 14.28 |
| 26.0 | 1147 | 3.0 | | | 0.43 | 3.0 | | 7.5 | 7.5 | 88 | | 0.03 | 4 | | 20.41 | 17.31 | 14.28 |
| 26.0 | 1147 | 4.0 | | | 0.39 | 2.7 | | 7.5 | 7.5 | 88 | | 0.03 | 4 | | 20.45 | 17.22 | 14.34 |
| 26.0 | 1147 | 5.0 | | | 0.36 | 2.4 | | 7.4 | 7.4 | 87 | | 0.03 | 4 | | 20.46 | 17.21 | 14.34 |
| 26.0 | 1147 | 6.0 | | | 0.34 | 2.1 | | 7.4 | 7.4 | 87 | | 0.03 | 4 | | 20.50 | 17.13 | 14.39 |
| 26.0 | 1147 | 7.0 | | | 0.32 | 1.9 | | 7.4 | 7.4 | 87 | | 0.03 | 4 | | 20.50 | 17.12 | 14.40 |
| 26.0 | 1147 | 8.0 | | | 0.31 | 1.8 | | 7.4 | 7.4 | 87 | | 0.03 | 4 | | 20.50 | 17.12 | 14.40 |
| 26.0 | 1147 | 9.0 | | | 0.31 | 1.8 | | 7.4 | 7.4 | 87 | | 0.03 | 4 | | 20.50 | 17.12 | 14.40 |
| 26.0 | 1147 | 10.0 | | | 0.31 | 1.8 | | 7.4 | 7.4 | 87 | | 0.03 | 4 | | 20.51 | 17.11 | 14.40 |
| 25.0 | 1203 | 1.0 | | | 0.44 | 3.1 | | 7.9 | 7.9 | 93 | | 0.03 | 4 | 0.7 | 20.38 | 16.92 | 14.35 |
| 25.0 | 1203 | 2.0 | | | 0.44 | 3.1 | | 7.8 | 7.9 | 92 | | 0.03 | 4 | | 20.38 | 16.92 | 14.35 |
| 25.0 | 1203 | 3.0 | | | 0.41 | 2.8 | | 7.8 | 7.8 | 92 | | 0.03 | 4 | | 20.43 | 16.92 | 14.38 |
| 25.0 | 1203 | 4.0 | | | 0.38 | 2.5 | | 7.7 | 7.7 | 91 | | 0.03 | 4 | | 20.49 | 16.93 | 14.43 |
| 25.0 | 1203 | 5.0 | | | 0.35 | 2.3 | | 7.7 | 7.7 | 91 | | 0.03 | 4 | | 20.51 | 16.93 | 14.45 |
| 25.0 | 1203 | 6.0 | | | 0.34 | 2.1 | | 7.7 | 7.7 | 90 | | 0.04 | 5 | | 20.53 | 16.93 | 14.46 |
| 25.0 | 1203 | 7.0 | | | 0.34 | 2.1 | | 7.7 | 7.7 | 90 | | 0.04 | 5 | | 20.54 | 16.93 | 14.47 |
| 25.0 | 1203 | 8.0 | | | 0.34 | 2.1 | | 7.7 | 7.7 | 90 | | 0.03 | 4 | | 20.54 | 16.93 | 14.47 |
| 24.0 | 1217 | 1.0 | | | 0.64 | 5.0 | | 8.5 | 8.6 | 99 | | 0.03 | 5 | 0.7 | 19.57 | 16.38 | 13.84 |
| 24.0 | 1217 | 2.0 | 5.4 | 0.96 | 0.63 | 5.0 | | 8.5 | 8.6 | 99 | 3.0 | 0.03 | 4 | | 19.57 | 16.38 | 13.84 |
| 24.0 | 1217 | 3.0 | | | 0.63 | 4.9 | | 8.5 | 8.6 | 100 | | 0.03 | 4 | | 19.57 | 16.38 | 13.84 |
| 24.0 | 1217 | 4.0 | | | 0.52 | 3.9 | | 8.4 | 8.5 | 98 | | 0.03 | 4 | | 19.76 | 16.46 | 13.97 |
| 24.0 | 1217 | 5.0 | | | 0.36 | 2.3 | | 7.9 | 8.0 | 93 | | 0.03 | 4 | | 20.40 | 16.63 | 14.42 |
| 24.0 | 1217 | 6.0 | | | 0.28 | 1.6 | | 7.6 | 7.7 | 89 | | 0.03 | 4 | | 20.52 | 16.59 | 14.52 |
| 24.0 | 1217 | 7.0 | | | 0.24 | 1.1 | | 7.4 | 7.4 | 86 | | 0.03 | 4 | | 20.92 | 16.35 | 14.88 |
| 24.0 | 1217 | 8.0 | | | 0.21 | 0.8 | | 7.2 | 7.2 | 83 | | 0.03 | 4 | | 21.49 | 15.97 | 15.39 |
| 24.0 | 1217 | 9.0 | | | 0.18 | 0.6 | | 7.1 | 7.1 | 82 | | 0.03 | 4 | | 21.95 | 15.68 | 15.81 |
| 24.0 | 1217 | 10.0 | 1.0 | 0.52 | 0.19 | 0.6 | | 7.3 | 7.3 | 84 | | 0.03 | 5 | | 22.25 | 15.49 | 16.07 |

South San Francisco Bay June 2, 1998 98153

| 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 | 1232 | 1.0 | | | 0.59 | 4.6 | | 8.4 | 8.5 | 98 | | 0.03 | 4 | 0.7 | 19.82 | 16.44 | 14.02 |
| 23.0 | 1232 | 2.0 | | | 0.58 | 4.5 | | 8.4 | 8.5 | 98 | | 0.03 | 4 | | 19.81 | 16.45 | 14.01 |
| 23.0 | 1232 | 3.0 | | | 0.59 | 4.6 | | 8.3 | 8.5 | 98 | | 0.03 | 4 | | 19.82 | 16.45 | 14.01 |
| 23.0 | 1232 | 4.0 | | | 0.59 | 4.6 | | 8.4 | 8.5 | 98 | | 0.03 | 4 | | 19.82 | 16.43 | 14.02 |
| 23.0 | 1232 | 5.0 | | | 0.57 | 4.3 | | 8.3 | 8.4 | 98 | | 0.03 | 4 | | 19.85 | 16.44 | 14.04 |
| 23.0 | 1232 | 6.0 | | | 0.53 | 4.0 | | 8.3 | 8.4 | 97 | | 0.03 | 4 | | 19.92 | 16.48 | 14.09 |
| 23.0 | 1232 | 7.0 | | | 0.47 | 3.4 | | 8.3 | 8.4 | 97 | | 0.03 | 4 | | 19.99 | 16.51 | 14.13 |
| 23.0 | 1232 | 8.0 | | | 0.39 | 2.6 | | 8.0 | 8.1 | 94 | | 0.03 | 4 | | 20.18 | 16.59 | 14.26 |
| 23.0 | 1232 | 9.0 | | | 0.31 | 1.8 | | 7.7 | 7.7 | 89 | | 0.02 | 3 | | 20.55 | 16.59 | 14.55 |
| 23.0 | 1232 | 10.0 | | | 0.25 | 1.3 | | 7.2 | 7.2 | 84 | | 0.02 | 3 | | 20.65 | 16.45 | 14.65 |
| 23.0 | 1232 | 11.0 | | | 0.22 | 1.0 | | 7.1 | 7.0 | 81 | | 0.03 | 4 | | 21.52 | 15.85 | 15.44 |
| 23.0 | 1232 | 12.0 | | | 0.20 | 0.7 | | 6.9 | 6.9 | 79 | | 0.03 | 4 | | 22.12 | 15.56 | 15.95 |
| 23.0 | 1232 | 13.0 | | | 0.19 | 0.6 | | 6.9 | 6.9 | 79 | | 0.04 | 6 | | 22.62 | 15.29 | 16.39 |
| 23.0 | 1232 | 14.0 | | | 0.19 | 0.7 | | 7.0 | 6.9 | 80 | | 0.06 | 8 | | 23.02 | 15.10 | 16.74 |
| 23.0 | 1232 | 15.0 | | | 0.19 | 0.7 | | 7.1 | 7.1 | 81 | | 0.08 | 11 | | 23.36 | 14.96 | 17.03 |
| 22.0 | 1250 | 1.0 | | | 0.53 | 4.0 | | 8.0 | 8.0 | 93 | | 0.04 | 5 | 0.7 | 19.88 | 16.30 | 14.09 |
| 22.0 | 1250 | 2.0 | | | 0.54 | 4.1 | | 8.0 | 8.1 | 93 | | 0.04 | 5 | | 19.88 | 16.30 | 14.09 |
| 22.0 | 1250 | 3.0 | | | 0.52 | 3.9 | | 8.1 | 8.1 | 94 | | 0.04 | 5 | | 19.88 | 16.30 | 14.09 |
| 22.0 | 1250 | 4.0 | | | 0.44 | 3.1 | | 7.8 | 7.8 | 90 | | 0.04 | 5 | | 20.00 | 16.30 | 14.18 |
| 22.0 | 1250 | 5.0 | | | 0.32 | 2.0 | | 7.1 | 7.1 | 82 | | 0.04 | 5 | | 20.94 | 16.19 | 14.93 |
| 22.0 | 1250 | 6.0 | | | 0.26 | 1.3 | | 7.1 | 7.1 | 81 | | 0.04 | 6 | | 22.29 | 15.43 | 16.11 |
| 22.0 | 1250 | 7.0 | | | 0.23 | 1.0 | | 7.1 | 7.1 | 81 | | 0.05 | 6 | | 22.45 | 15.31 | 16.26 |
| 22.0 | 1250 | 8.0 | | | 0.21 | 0.9 | | 7.2 | 7.1 | 82 | | 0.05 | 6 | | 22.56 | 15.25 | 16.36 |
| 22.0 | 1250 | 9.0 | | | 0.20 | 0.8 | | 7.1 | 7.1 | 81 | | 0.05 | 6 | | 22.66 | 15.19 | 16.44 |
| 22.0 | 1250 | 10.0 | | | 0.19 | 0.7 | | 7.2 | 7.1 | 82 | | 0.05 | 7 | | 23.04 | 14.99 | 16.78 |
| 22.0 | 1250 | 11.0 | | | 0.19 | 0.6 | | 7.2 | 7.1 | 82 | | 0.05 | 7 | | 23.21 | 14.93 | 16.92 |
| 22.0 | 1250 | 12.0 | | | 0.18 | 0.6 | | 7.2 | 7.1 | 82 | | 0.05 | 7 | | 23.49 | 14.85 | 17.15 |
| 22.0 | 1250 | 13.0 | | | 0.18 | 0.5 | | 7.2 | 7.1 | 82 | | 0.06 | 7 | | 23.84 | 14.75 | 17.44 |
| 22.0 | 1250 | 14.0 | | | 0.19 | 0.7 | | 7.3 | 7.3 | 83 | | 0.06 | 8 | | 24.51 | 14.59 | 17.99 |
| 22.0 | 1250 | 15.0 | | | 0.20 | 0.8 | | 7.3 | 7.3 | 84 | | 0.07 | 9 | | 24.69 | 14.55 | 18.13 |
| 22.0 | 1250 | 16.0 | | | 0.19 | 0.7 | | 7.3 | 7.3 | 84 | | 0.07 | 9 | | 24.80 | 14.53 | 18.22 |
| 22.0 | 1250 | 17.0 | | | 0.21 | 0.8 | | 7.3 | 7.3 | 84 | | 0.07 | 9 | | 25.30 | 14.41 | 18.63 |
| 22.0 | 1250 | 18.0 | | | 0.21 | 0.9 | | 7.4 | 7.4 | 85 | | 0.08 | 10 | | 26.42 | 14.15 | 19.54 |
| 21.0 | 1303 | 1.0 | | | 0.58 | 4.5 | | 8.5 | 8.6 | 99 | | 0.03 | 4 | 0.7 | 19.49 | 16.24 | 13.81 |
| 21.0 | 1303 | 2.0 | 4.6 | 0.90 | 0.56 | 4.2 | 8.4 | 8.3 | 8.4 | 97 | 5.3 | 0.03 | 4 | | 19.61 | 16.28 | 13.89 |
| 21.0 | 1303 | 3.0 | | | 0.44 | 3.1 | | 8.0 | 8.1 | 93 | | 0.03 | 4 | | 19.92 | 16.33 | 14.11 |
| 21.0 | 1303 | 4.0 | | | 0.34 | 2.2 | | 7.9 | 7.9 | 92 | | 0.04 | 5 | | 20.07 | 16.26 | 14.24 |
| 21.0 | 1303 | 5.0 | | | 0.29 | 1.7 | | 7.8 | 7.8 | 90 | | 0.04 | 5 | | 20.18 | 16.18 | 14.35 |
| 21.0 | 1303 | 6.0 | | | 0.26 | 1.3 | | 7.6 | 7.6 | 88 | | 0.04 | 5 | | 20.40 | 16.06 | 14.54 |
| 21.0 | 1303 | 7.0 | | | 0.23 | 1.0 | | 7.6 | 7.6 | 87 | | 0.04 | 6 | | 21.10 | 15.79 | 15.13 |
| 21.0 | 1303 | 8.0 | | | 0.21 | 0.9 | | 7.5 | 7.5 | 86 | | 0.05 | 6 | | 21.31 | 15.78 | 15.29 |

South San Francisco Bay June 2, 1998 98153

| 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 | 1303 | 9.0 | | | 0.21 | 0.9 | | 7.3 | 7.2 | 83 | | 0.05 | 7 | | 21.58 | 15.71 | 15.52 |
| 21.0 | 1303 | 10.0 | | | 0.20 | 0.8 | | 7.1 | 7.1 | 82 | | 0.06 | 8 | | 22.37 | 15.40 | 16.18 |
| 21.0 | 1303 | 11.0 | | | 0.19 | 0.7 | | 7.2 | 7.2 | 82 | | 0.06 | 8 | | 23.18 | 15.03 | 16.88 |
| 21.0 | 1303 | 12.0 | | | 0.19 | 0.7 | | 7.3 | 7.3 | 83 | | 0.06 | 8 | | 23.47 | 14.88 | 17.13 |
| 21.0 | 1303 | 13.0 | | | 0.19 | 0.7 | | 7.3 | 7.3 | 84 | | 0.05 | 7 | | 23.76 | 14.78 | 17.37 |
| 21.0 | 1303 | 14.0 | | | 0.19 | 0.6 | | 7.3 | 7.3 | 84 | | 0.05 | 6 | | 24.21 | 14.66 | 17.74 |
| 21.0 | 1303 | 15.0 | | | 0.19 | 0.7 | | 7.4 | 7.4 | 84 | | 0.05 | 7 | | 24.69 | 14.55 | 18.13 |
| 21.0 | 1303 | 16.0 | | | 0.20 | 0.8 | | 7.4 | 7.4 | 85 | | 0.06 | 8 | | 24.90 | 14.50 | 18.30 |
| 21.0 | 1303 | 17.0 | 1.6 | 0.54 | 0.20 | 0.8 | | 7.4 | 7.4 | 85 | | 0.06 | 7 | | 24.97 | 14.48 | 18.36 |

| | n | r^2 | Slope | Inter. | Std. Err. |
|---|---|---|---|---|---|
| Fluorometer Calibration: | 12 | 0.927 | 9.773 | -1.199 | 0.419 |
| OBS Calibration: | 6 | 0.921 | 123.704 | 0.373 | 2.500 |
| Dissolved Oxygen Calibration: | 3 | 0.991 | 1.122 | -0.911 | 0.110 |

SeaBird v4.026

North San Francisco Bay June 17, 1998 98168

| 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 | 0616 | 1.0 | | | 0.29 | 2.2 | | 9.6 | 8.8 | 93 | | 0.20 | 25 | 2.6 | 0.07 | 17.86 | 0.00 |
| 657.0 | 0616 | 2.0 | 2.8 | 0.67 | 0.29 | 2.2 | 9.0 | 9.6 | 8.8 | 93 | 30.5 | 0.19 | 24 | | 0.07 | 17.87 | 0.00 |
| 657.0 | 0616 | 3.0 | | | 0.28 | 2.2 | | 9.6 | 8.9 | 93 | | 0.19 | 24 | | 0.07 | 17.85 | 0.00 |
| 657.0 | 0616 | 4.0 | | | 0.28 | 2.2 | | 9.6 | 8.9 | 94 | | 0.19 | 24 | | 0.07 | 17.85 | 0.00 |
| 657.0 | 0616 | 5.0 | | | 0.29 | 2.2 | | 9.6 | 8.9 | 94 | | 0.19 | 24 | | 0.07 | 17.85 | 0.00 |
| 657.0 | 0616 | 6.0 | | | 0.29 | 2.2 | | 9.6 | 8.9 | 94 | | 0.19 | 24 | | 0.07 | 17.85 | 0.00 |
| 657.0 | 0616 | 7.0 | | | 0.29 | 2.3 | | 9.6 | 8.9 | 94 | | 0.19 | 24 | | 0.07 | 17.86 | 0.00 |
| 657.0 | 0616 | 8.0 | | | 0.30 | 2.3 | | 9.6 | 8.9 | 94 | | 0.20 | 25 | | 0.07 | 17.86 | 0.00 |
| 657.0 | 0616 | 9.0 | | | 0.30 | 2.3 | | 9.6 | 8.9 | 94 | | 0.20 | 25 | | 0.07 | 17.86 | 0.00 |
| 657.0 | 0616 | 10.0 | 2.6 | 0.69 | 0.30 | 2.3 | | 9.6 | 8.9 | 94 | | 0.20 | 25 | | 0.07 | 17.86 | 0.00 |
| 649.0 | 0715 | 1.0 | | | 0.25 | 2.1 | | 9.5 | 8.8 | 93 | | 0.16 | 20 | 2.1 | 0.06 | 17.91 | 0.00 |
| 649.0 | 0715 | 2.0 | 2.3 | 0.75 | 0.25 | 2.1 | 8.9 | 9.6 | 8.8 | 93 | 11.1 | 0.16 | 20 | | 0.06 | 17.91 | 0.00 |
| 649.0 | 0715 | 3.0 | | | 0.25 | 2.1 | | 9.6 | 8.8 | 93 | | 0.16 | 20 | | 0.06 | 17.91 | 0.00 |
| 649.0 | 0715 | 4.0 | | | 0.25 | 2.1 | | 9.6 | 8.8 | 93 | | 0.16 | 20 | | 0.06 | 17.91 | 0.00 |
| 649.0 | 0715 | 5.0 | | | 0.25 | 2.1 | | 9.6 | 8.8 | 93 | | 0.16 | 20 | | 0.06 | 17.90 | 0.00 |
| 649.0 | 0715 | 6.0 | | | 0.25 | 2.1 | | 9.6 | 8.8 | 93 | | 0.16 | 20 | | 0.06 | 17.89 | 0.00 |
| 649.0 | 0715 | 7.0 | | | 0.26 | 2.1 | | 9.6 | 8.8 | 93 | | 0.17 | 20 | | 0.06 | 17.89 | 0.00 |
| 649.0 | 0715 | 8.0 | | | 0.26 | 2.1 | | 9.6 | 8.8 | 93 | | 0.17 | 21 | | 0.06 | 17.87 | 0.00 |
| 649.0 | 0715 | 9.0 | | | 0.26 | 2.1 | | 9.6 | 8.8 | 93 | | 0.17 | 21 | | 0.06 | 17.86 | 0.00 |
| 649.0 | 0715 | 10.0 | | | 0.26 | 2.1 | | 9.6 | 8.8 | 93 | | 0.17 | 22 | | 0.06 | 17.82 | 0.00 |
| 649.0 | 0715 | 11.0 | | | 0.26 | 2.1 | | 9.6 | 8.8 | 93 | | 0.18 | 22 | | 0.06 | 17.81 | 0.00 |
| 649.0 | 0715 | 12.0 | 2.1 | 0.68 | 0.26 | 2.1 | | 9.6 | 8.9 | 93 | | 0.19 | 24 | | 0.06 | 17.80 | 0.00 |
| 2.0 | 0734 | 1.0 | | | 0.26 | 2.2 | | 8.9 | 8.4 | 92 | | 0.19 | 24 | 2.6 | 0.07 | 19.20 | 0.00 |
| 2.0 | 0734 | 2.0 | | | 0.26 | 2.1 | | 9.0 | 8.5 | 92 | | 0.19 | 24 | | 0.07 | 19.13 | 0.00 |
| 2.0 | 0734 | 3.0 | | | 0.26 | 2.1 | | 9.1 | 8.5 | 92 | | 0.19 | 24 | | 0.07 | 19.00 | 0.00 |
| 2.0 | 0734 | 4.0 | | | 0.26 | 2.2 | | 9.1 | 8.5 | 92 | | 0.19 | 24 | | 0.07 | 19.00 | 0.00 |
| 2.0 | 0734 | 5.0 | | | 0.27 | 2.2 | | 9.1 | 8.5 | 92 | | 0.19 | 24 | | 0.07 | 18.92 | 0.00 |
| 2.0 | 0734 | 6.0 | | | 0.27 | 2.2 | | 9.0 | 8.5 | 92 | | 0.19 | 24 | | 0.07 | 18.85 | 0.00 |
| 2.0 | 0734 | 7.0 | | | 0.27 | 2.2 | | 9.1 | 8.6 | 92 | | 0.19 | 24 | | 0.07 | 18.60 | 0.00 |
| 2.0 | 0734 | 8.0 | | | 0.27 | 2.2 | | 9.1 | 8.6 | 92 | | 0.19 | 24 | | 0.07 | 18.48 | 0.00 |
| 2.0 | 0734 | 9.0 | | | 0.27 | 2.2 | | 9.2 | 8.6 | 92 | | 0.19 | 24 | | 0.07 | 18.32 | 0.00 |
| 2.0 | 0734 | 10.0 | | | 0.27 | 2.2 | | 9.3 | 8.7 | 92 | | 0.20 | 25 | | 0.07 | 18.19 | 0.00 |
| 2.0 | 0734 | 11.0 | | | 0.27 | 2.2 | | 9.3 | 8.7 | 92 | | 0.20 | 25 | | 0.06 | 18.14 | 0.00 |
| 3.0 | 0751 | 1.0 | | | 0.28 | 2.2 | | 8.5 | 8.2 | 90 | | 0.17 | 22 | 2.2 | 0.08 | 19.83 | 0.00 |
| 3.0 | 0751 | 2.0 | 2.1 | 0.63 | 0.27 | 2.2 | 8.4 | 8.7 | 8.3 | 92 | 18.7 | 0.17 | 20 | | 0.08 | 19.76 | 0.00 |
| 3.0 | 0751 | 3.0 | | | 0.27 | 2.2 | | 8.8 | 8.4 | 92 | | 0.17 | 21 | | 0.08 | 19.66 | 0.00 |
| 3.0 | 0751 | 4.0 | | | 0.27 | 2.2 | | 8.8 | 8.4 | 92 | | 0.17 | 21 | | 0.08 | 19.60 | 0.00 |
| 3.0 | 0751 | 5.0 | | | 0.27 | 2.2 | | 8.9 | 8.4 | 92 | | 0.17 | 22 | | 0.07 | 19.49 | 0.00 |
| 3.0 | 0751 | 6.0 | | | 0.28 | 2.2 | | 8.9 | 8.4 | 92 | | 0.18 | 22 | | 0.07 | 19.46 | 0.00 |
| 3.0 | 0751 | 7.0 | | | 0.28 | 2.2 | | 8.9 | 8.5 | 92 | | 0.18 | 22 | | 0.07 | 19.40 | 0.00 |

North San Francisco Bay June 17, 1998 98168

| 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 | 0751 | 8.0 | | | 0.28 | 2.2 | | 8.9 | 8.4 | 92 | | 0.18 | 23 | | 0.07 | 19.36 | 0.00 |
| 3.0 | 0751 | 9.0 | | | 0.28 | 2.2 | | 8.8 | 8.4 | 91 | | 0.18 | 23 | | 0.07 | 19.23 | 0.00 |
| 3.0 | 0751 | 10.0 | | | 0.28 | 2.2 | | 8.8 | 8.4 | 91 | | 0.19 | 23 | | 0.07 | 18.94 | 0.00 |
| 3.0 | 0751 | 11.0 | | | 0.28 | 2.2 | | 9.0 | 8.5 | 91 | | 0.19 | 23 | | 0.07 | 18.62 | 0.00 |
| 3.0 | 0751 | 12.0 | | | 0.28 | 2.2 | | 9.1 | 8.6 | 92 | | 0.19 | 24 | | 0.07 | 18.52 | 0.00 |
| 3.0 | 0751 | 13.0 | 2.3 | 0.61 | 0.28 | 2.2 | | 9.2 | 8.6 | 92 | | 0.19 | 24 | | 0.07 | 18.48 | 0.00 |
| 4.0 | 0816 | 1.0 | | | 0.28 | 2.2 | | 8.8 | 8.4 | 92 | | 0.18 | 23 | 1.8 | 0.08 | 19.76 | 0.00 |
| 4.0 | 0816 | 2.0 | | | 0.28 | 2.2 | | 8.7 | 8.4 | 92 | | 0.18 | 22 | | 0.08 | 19.75 | 0.00 |
| 4.0 | 0816 | 3.0 | | | 0.28 | 2.2 | | 8.8 | 8.4 | 92 | | 0.18 | 23 | | 0.08 | 19.64 | 0.00 |
| 4.0 | 0816 | 4.0 | | | 0.28 | 2.2 | | 8.8 | 8.4 | 92 | | 0.19 | 23 | | 0.08 | 19.57 | 0.00 |
| 4.0 | 0816 | 5.0 | | | 0.29 | 2.2 | | 8.8 | 8.4 | 92 | | 0.19 | 23 | | 0.08 | 19.56 | 0.00 |
| 4.0 | 0816 | 6.0 | | | 0.29 | 2.3 | | 8.9 | 8.4 | 92 | | 0.19 | 24 | | 0.08 | 19.55 | 0.00 |
| 4.0 | 0816 | 7.0 | | | 0.29 | 2.3 | | 8.9 | 8.4 | 92 | | 0.20 | 25 | | 0.08 | 19.53 | 0.00 |
| 4.0 | 0816 | 8.0 | | | 0.29 | 2.3 | | 8.9 | 8.4 | 92 | | 0.20 | 25 | | 0.08 | 19.53 | 0.00 |
| 4.0 | 0816 | 9.0 | | | 0.29 | 2.2 | | 8.9 | 8.5 | 92 | | 0.20 | 25 | | 0.08 | 19.51 | 0.00 |
| 4.0 | 0816 | 10.0 | | | 0.29 | 2.2 | | 8.9 | 8.5 | 92 | | 0.20 | 25 | | 0.08 | 19.50 | 0.00 |
| 4.0 | 0816 | 11.0 | | | 0.29 | 2.2 | | 8.9 | 8.5 | 92 | | 0.20 | 26 | | 0.08 | 19.49 | 0.00 |
| 4.0 | 0816 | 12.0 | | | 0.29 | 2.2 | | 8.9 | 8.5 | 92 | | 0.21 | 26 | | 0.08 | 19.43 | 0.00 |
| 4.0 | 0816 | 13.0 | | | 0.29 | 2.2 | | 9.0 | 8.5 | 92 | | 0.21 | 27 | | 0.08 | 19.42 | 0.00 |
| 4.0 | 0816 | 14.0 | | | 0.29 | 2.2 | | 9.0 | 8.5 | 92 | | 0.22 | 28 | | 0.08 | 19.42 | 0.00 |
| 4.0 | 0816 | 15.0 | | | 0.29 | 2.2 | | 9.0 | 8.5 | 93 | | 0.23 | 29 | | 0.08 | 19.41 | 0.00 |
| 4.0 | 0816 | 16.0 | | | 0.29 | 2.2 | | 9.0 | 8.5 | 93 | | 0.23 | 30 | | 0.08 | 19.40 | 0.00 |
| 4.0 | 0816 | 17.0 | | | 0.29 | 2.3 | | 9.0 | 8.5 | 93 | | 0.24 | 30 | | 0.08 | 19.40 | 0.00 |
| 4.0 | 0816 | 18.0 | | | 0.29 | 2.3 | | 9.0 | 8.5 | 93 | | 0.24 | 31 | | 0.08 | 19.41 | 0.00 |
| 5.0 | 0835 | 1.0 | | | 0.28 | 2.2 | | 8.8 | 8.4 | 93 | | 0.16 | 20 | 1.5 | 0.08 | 19.88 | 0.00 |
| 5.0 | 0835 | 2.0 | | | 0.27 | 2.2 | | 8.9 | 8.4 | 93 | | 0.16 | 20 | | 0.08 | 19.78 | 0.00 |
| 5.0 | 0835 | 3.0 | | | 0.27 | 2.2 | | 8.9 | 8.4 | 93 | | 0.17 | 20 | | 0.08 | 19.73 | 0.00 |
| 5.0 | 0835 | 4.0 | | | 0.27 | 2.2 | | 8.9 | 8.4 | 93 | | 0.17 | 21 | | 0.08 | 19.71 | 0.00 |
| 5.0 | 0835 | 5.0 | | | 0.27 | 2.2 | | 8.9 | 8.5 | 93 | | 0.18 | 22 | | 0.08 | 19.66 | 0.00 |
| 5.0 | 0835 | 6.0 | | | 0.27 | 2.2 | | 9.0 | 8.5 | 93 | | 0.18 | 23 | | 0.08 | 19.63 | 0.00 |
| 5.0 | 0835 | 7.0 | | | 0.28 | 2.2 | | 9.0 | 8.5 | 93 | | 0.18 | 23 | | 0.08 | 19.61 | 0.00 |
| 5.0 | 0835 | 8.0 | | | 0.28 | 2.2 | | 9.0 | 8.5 | 93 | | 0.19 | 23 | | 0.08 | 19.58 | 0.00 |
| 5.0 | 0835 | 9.0 | | | 0.28 | 2.2 | | 9.0 | 8.5 | 93 | | 0.19 | 24 | | 0.08 | 19.57 | 0.00 |
| 5.0 | 0835 | 10.0 | | | 0.28 | 2.2 | | 9.0 | 8.5 | 93 | | 0.20 | 25 | | 0.08 | 19.57 | 0.00 |
| 5.0 | 0835 | 11.0 | | | 0.29 | 2.2 | | 9.0 | 8.5 | 93 | | 0.20 | 25 | | 0.08 | 19.56 | 0.00 |
| 5.0 | 0835 | 12.0 | | | 0.29 | 2.2 | | 9.0 | 8.5 | 93 | | 0.20 | 26 | | 0.08 | 19.56 | 0.00 |
| 5.0 | 0835 | 13.0 | | | 0.29 | 2.3 | | 9.0 | 8.5 | 93 | | 0.22 | 28 | | 0.08 | 19.56 | 0.00 |
| 6.0 | 0857 | 1.0 | | | 0.29 | 2.3 | | 9.0 | 8.5 | 94 | | 0.18 | 22 | 2.3 | 0.08 | 19.92 | 0.00 |
| 6.0 | 0857 | 2.0 | 2.6 | 0.63 | 0.30 | 2.3 | 8.2 | 9.0 | 8.5 | 94 | 21.4 | 0.18 | 22 | | 0.08 | 19.91 | 0.00 |
| 6.0 | 0857 | 3.0 | | | 0.29 | 2.3 | | 9.0 | 8.5 | 94 | | 0.18 | 23 | | 0.08 | 19.90 | 0.00 |

North San Francisco Bay June 17, 1998 98168

| 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 | 0857 | 4.0 | | | 0.29 | 2.3 | | 9.0 | 8.5 | 94 | | 0.18 | 23 | | 0.08 | 19.89 | 0.00 |
| 6.0 | 0857 | 5.0 | | | 0.30 | 2.3 | | 9.0 | 8.5 | 94 | | 0.19 | 24 | | 0.08 | 19.89 | 0.00 |
| 6.0 | 0857 | 6.0 | | | 0.31 | 2.3 | | 9.0 | 8.5 | 94 | | 0.19 | 24 | | 0.08 | 19.89 | 0.00 |
| 6.0 | 0857 | 7.0 | | | 0.31 | 2.3 | | 9.0 | 8.5 | 94 | | 0.20 | 25 | | 0.08 | 19.88 | 0.00 |
| 6.0 | 0857 | 8.0 | | | 0.30 | 2.3 | | 9.0 | 8.5 | 94 | | 0.20 | 25 | | 0.08 | 19.88 | 0.00 |
| 6.0 | 0857 | 9.0 | | | 0.31 | 2.3 | | 9.0 | 8.5 | 94 | | 0.20 | 26 | | 0.08 | 19.88 | 0.00 |
| 6.0 | 0857 | 10.0 | | | 0.31 | 2.3 | | 9.0 | 8.5 | 94 | | 0.21 | 26 | | 0.08 | 19.88 | 0.00 |
| 6.0 | 0857 | 11.0 | | | 0.31 | 2.3 | | 9.0 | 8.5 | 94 | | 0.21 | 27 | | 0.08 | 19.88 | 0.00 |
| 6.0 | 0857 | 12.0 | 2.5 | 0.55 | 0.31 | 2.3 | | 9.0 | 8.5 | 94 | | 0.21 | 27 | | 0.08 | 19.88 | 0.00 |
| 7.0 | 0923 | 1.0 | | | 0.35 | 2.5 | | 8.7 | 8.3 | 92 | | 0.27 | 34 | 3.0 | 0.30 | 20.17 | 0.00 |
| 7.0 | 0923 | 2.0 | | | 0.35 | 2.5 | | 8.7 | 8.4 | 92 | | 0.26 | 34 | | 0.44 | 20.04 | 0.00 |
| 7.0 | 0923 | 3.0 | | | 0.34 | 2.4 | | 8.7 | 8.4 | 92 | | 0.27 | 34 | | 0.71 | 19.96 | 0.00 |
| 7.0 | 0923 | 4.0 | | | 0.34 | 2.4 | | 8.7 | 8.3 | 92 | | 0.27 | 35 | | 0.87 | 19.92 | 0.00 |
| 7.0 | 0923 | 5.0 | | | 0.34 | 2.4 | | 8.7 | 8.3 | 92 | | 0.27 | 35 | | 1.13 | 19.88 | 0.00 |
| 7.0 | 0923 | 6.0 | | | 0.33 | 2.4 | | 8.6 | 8.3 | 92 | | 0.27 | 35 | | 1.68 | 19.81 | 0.00 |
| 7.0 | 0923 | 7.0 | | | 0.33 | 2.4 | | 8.6 | 8.3 | 92 | | 0.26 | 34 | | 1.88 | 19.78 | 0.00 |
| 7.0 | 0923 | 8.0 | | | 0.32 | 2.4 | | 8.6 | 8.3 | 92 | | 0.26 | 34 | | 2.12 | 19.75 | 0.00 |
| 7.0 | 0923 | 9.0 | | | 0.31 | 2.3 | | 8.5 | 8.2 | 92 | | 0.27 | 35 | | 2.67 | 19.68 | 0.31 |
| 7.0 | 0923 | 10.0 | | | 0.31 | 2.3 | | 8.5 | 8.2 | 92 | | 0.27 | 35 | | 3.14 | 19.63 | 0.67 |
| 7.0 | 0923 | 11.0 | | | 0.31 | 2.3 | | 8.5 | 8.2 | 92 | | 0.27 | 35 | | 3.55 | 19.58 | 1.00 |
| 7.0 | 0923 | 12.0 | | | 0.31 | 2.3 | | 8.5 | 8.2 | 92 | | 0.28 | 36 | | 3.92 | 19.54 | 1.28 |
| 7.0 | 0923 | 13.0 | | | 0.31 | 2.3 | | 8.4 | 8.2 | 92 | | 0.29 | 38 | | 4.10 | 19.52 | 1.43 |
| 7.0 | 0923 | 14.0 | | | 0.33 | 2.4 | | 8.4 | 8.2 | 92 | | 0.32 | 42 | | 4.43 | 19.49 | 1.68 |
| 7.0 | 0923 | 15.0 | | | 0.33 | 2.4 | | 8.5 | 8.2 | 92 | | 0.39 | 51 | | 4.46 | 19.49 | 1.70 |
| 8.0 | 0944 | 1.0 | | | 0.33 | 2.4 | | 8.7 | 8.4 | 93 | | 0.26 | 34 | 3.0 | 0.73 | 19.97 | 0.00 |
| 8.0 | 0944 | 2.0 | | | 0.33 | 2.4 | | 8.7 | 8.3 | 92 | | 0.26 | 33 | | 1.09 | 19.83 | 0.00 |
| 8.0 | 0944 | 3.0 | | | 0.32 | 2.3 | | 8.6 | 8.3 | 92 | | 0.25 | 33 | | 2.11 | 19.68 | 0.00 |
| 8.0 | 0944 | 4.0 | | | 0.31 | 2.3 | | 8.5 | 8.2 | 92 | | 0.24 | 31 | | 2.64 | 19.62 | 0.30 |
| 8.0 | 0944 | 5.0 | | | 0.30 | 2.3 | | 8.4 | 8.2 | 91 | | 0.24 | 30 | | 3.27 | 19.54 | 0.79 |
| 8.0 | 0944 | 6.0 | | | 0.29 | 2.2 | | 8.3 | 8.1 | 90 | | 0.22 | 28 | | 4.19 | 19.37 | 1.53 |
| 8.0 | 0944 | 7.0 | | | 0.28 | 2.2 | | 8.2 | 8.0 | 90 | | 0.20 | 25 | | 5.75 | 19.10 | 2.76 |
| 8.0 | 0944 | 8.0 | | | 0.26 | 2.2 | | 8.1 | 8.0 | 90 | | 0.18 | 22 | | 7.33 | 18.86 | 4.02 |
| 8.0 | 0944 | 9.0 | | | 0.26 | 2.1 | | 8.0 | 7.9 | 90 | | 0.17 | 20 | | 7.99 | 18.74 | 4.54 |
| 8.0 | 0944 | 10.0 | | | 0.26 | 2.1 | | 8.0 | 7.9 | 90 | | 0.17 | 22 | | 8.75 | 18.61 | 5.15 |
| 8.0 | 0944 | 11.0 | | | 0.26 | 2.2 | | 8.0 | 7.9 | 90 | | 0.21 | 27 | | 9.01 | 18.57 | 5.35 |
| 8.0 | 0944 | 12.0 | | | 0.27 | 2.2 | | 8.0 | 7.9 | 90 | | 0.25 | 32 | | 9.19 | 18.52 | 5.50 |
| 8.0 | 0944 | 13.0 | | | 0.26 | 2.1 | | 7.9 | 7.9 | 89 | | 0.26 | 33 | | 9.33 | 18.48 | 5.61 |
| 8.0 | 0944 | 14.0 | | | 0.26 | 2.1 | | 8.0 | 7.9 | 90 | | 0.26 | 33 | | 10.57 | 18.22 | 6.61 |
| 9.0 | 1007 | 1.0 | | | 0.36 | 2.5 | | 8.9 | 8.5 | 94 | | 0.31 | 40 | 3.7 | 0.99 | 20.26 | 0.00 |
| 9.0 | 1007 | 2.0 | 3.3 | 0.50 | 0.36 | 2.5 | 8.4 | 9.0 | 8.5 | 95 | 40.7 | 0.31 | 40 | | 0.99 | 20.26 | 0.00 |

North San Francisco Bay June 17, 1998 98168

| 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 | 1007 | 3.0 | | | 0.37 | 2.5 | | 8.8 | 8.4 | 93 | | 0.31 | 40 | | 0.96 | 20.33 | 0.00 |
| 9.0 | 1007 | 4.0 | | | 0.37 | 2.5 | | 8.6 | 8.3 | 92 | | 0.30 | 39 | | 1.51 | 19.98 | 0.00 |
| 9.0 | 1007 | 5.0 | | | 0.35 | 2.5 | | 8.6 | 8.3 | 92 | | 0.27 | 35 | | 2.03 | 19.75 | 0.00 |
| 9.0 | 1007 | 6.0 | | | 0.33 | 2.4 | | 8.6 | 8.3 | 92 | | 0.23 | 30 | | 2.52 | 19.64 | 0.20 |
| 9.0 | 1007 | 7.0 | | | 0.32 | 2.3 | | 8.6 | 8.3 | 92 | | 0.21 | 27 | | 2.64 | 19.62 | 0.30 |
| 9.0 | 1007 | 8.0 | | | 0.31 | 2.3 | | 8.5 | 8.2 | 92 | | 0.20 | 26 | | 3.00 | 19.55 | 0.59 |
| 9.0 | 1007 | 9.0 | | | 0.30 | 2.3 | | 8.4 | 8.2 | 91 | | 0.19 | 24 | | 3.88 | 19.40 | 1.29 |
| 9.0 | 1007 | 10.0 | | | 0.29 | 2.2 | | 8.2 | 8.0 | 90 | | 0.18 | 23 | | 4.77 | 19.24 | 2.00 |
| 9.0 | 1007 | 11.0 | | | 0.26 | 2.1 | | 8.0 | 7.9 | 89 | | 0.18 | 23 | | 7.40 | 18.83 | 4.07 |
| 9.0 | 1007 | 12.0 | | | 0.24 | 2.1 | | 7.9 | 7.9 | 89 | | 0.16 | 20 | | 9.22 | 18.53 | 5.52 |
| 9.0 | 1007 | 13.0 | | | 0.24 | 2.0 | | 7.8 | 7.8 | 89 | | 0.14 | 17 | | 10.70 | 18.25 | 6.70 |
| 9.0 | 1007 | 14.0 | | | 0.24 | 2.1 | | 7.7 | 7.8 | 88 | | 0.14 | 17 | | 11.73 | 18.01 | 7.54 |
| 9.0 | 1007 | 15.0 | | | 0.24 | 2.1 | | 7.7 | 7.8 | 89 | | 0.16 | 20 | | 12.37 | 17.86 | 8.05 |
| 9.0 | 1007 | 16.0 | | | 0.24 | 2.1 | | 7.7 | 7.8 | 89 | | 0.18 | 23 | | 12.71 | 17.79 | 8.32 |
| 9.0 | 1007 | 17.0 | | | 0.24 | 2.1 | | 7.7 | 7.8 | 89 | | 0.20 | 25 | | 13.02 | 17.72 | 8.57 |
| 9.0 | 1007 | 18.0 | | | 0.23 | 2.0 | | 7.7 | 7.8 | 88 | | 0.22 | 28 | | 13.47 | 17.63 | 8.94 |
| 9.0 | 1007 | 19.0 | | | 0.22 | 2.0 | | 7.7 | 7.8 | 88 | | 0.23 | 29 | | 14.13 | 17.47 | 9.47 |
| 9.0 | 1007 | 20.0 | | | 0.22 | 2.0 | | 7.7 | 7.8 | 89 | | 0.23 | 29 | | 14.62 | 17.37 | 9.86 |
| 9.0 | 1007 | 21.0 | | | 0.22 | 2.0 | | 7.7 | 7.8 | 89 | | 0.22 | 29 | | 14.80 | 17.32 | 10.01 |
| 9.0 | 1007 | 22.0 | | | 0.22 | 2.0 | | 7.7 | 7.8 | 89 | | 0.23 | 29 | | 15.08 | 17.25 | 10.24 |
| 9.0 | 1007 | 23.0 | | | 0.22 | 2.0 | | 7.7 | 7.8 | 89 | | 0.22 | 28 | | 15.23 | 17.22 | 10.35 |
| 9.0 | 1007 | 24.0 | | | 0.22 | 2.0 | | 7.7 | 7.8 | 89 | | 0.22 | 28 | | 15.45 | 17.16 | 10.54 |
| 9.0 | 1007 | 25.0 | | | 0.24 | 2.0 | | 7.7 | 7.8 | 89 | | 0.23 | 30 | | 15.61 | 17.12 | 10.66 |
| 9.0 | 1007 | 26.0 | | | 0.28 | 2.2 | | 7.8 | 7.8 | 89 | | 0.26 | 34 | | 15.89 | 17.06 | 10.90 |
| 9.0 | 1007 | 27.0 | 1.6 | 0.50 | 0.29 | 2.3 | | 7.8 | 7.8 | 89 | | 0.37 | 48 | | 15.93 | 17.05 | 10.93 |
| 10.0 | 1022 | 1.0 | | | 0.33 | 2.4 | | 8.8 | 8.4 | 93 | | 0.22 | 29 | 2.1 | 1.59 | 19.86 | 0.00 |
| 10.0 | 1022 | 2.0 | | | 0.31 | 2.3 | | 8.6 | 8.3 | 92 | | 0.22 | 28 | | 2.71 | 19.61 | 0.35 |
| 10.0 | 1022 | 3.0 | | | 0.29 | 2.2 | | 8.4 | 8.2 | 91 | | 0.21 | 26 | | 3.05 | 19.53 | 0.62 |
| 10.0 | 1022 | 4.0 | | | 0.27 | 2.2 | | 8.3 | 8.1 | 91 | | 0.19 | 24 | | 5.07 | 19.24 | 2.22 |
| 10.0 | 1022 | 5.0 | | | 0.26 | 2.1 | | 8.2 | 8.1 | 91 | | 0.17 | 21 | | 5.98 | 19.07 | 2.95 |
| 10.0 | 1022 | 6.0 | | | 0.26 | 2.1 | | 8.2 | 8.0 | 91 | | 0.16 | 20 | | 7.37 | 18.88 | 4.04 |
| 10.0 | 1022 | 7.0 | | | 0.25 | 2.1 | | 8.2 | 8.0 | 91 | | 0.14 | 18 | | 8.15 | 18.76 | 4.66 |
| 10.0 | 1022 | 8.0 | | | 0.25 | 2.1 | | 8.2 | 8.1 | 91 | | 0.14 | 17 | | 8.51 | 18.71 | 4.94 |
| 10.0 | 1022 | 9.0 | | | 0.25 | 2.1 | | 8.2 | 8.0 | 91 | | 0.14 | 17 | | 8.65 | 18.68 | 5.05 |
| 10.0 | 1022 | 10.0 | | | 0.24 | 2.1 | | 8.1 | 8.0 | 90 | | 0.14 | 17 | | 9.25 | 18.55 | 5.54 |
| 10.0 | 1022 | 11.0 | | | 0.23 | 2.0 | | 8.0 | 7.9 | 90 | | 0.14 | 17 | | 10.63 | 18.32 | 6.64 |
| 10.0 | 1022 | 12.0 | | | 0.23 | 2.0 | | 7.8 | 7.8 | 89 | | 0.14 | 17 | | 11.46 | 18.11 | 7.30 |
| 10.0 | 1022 | 13.0 | | | 0.22 | 2.0 | | 7.8 | 7.8 | 89 | | 0.15 | 18 | | 13.21 | 17.68 | 8.73 |
| 10.0 | 1022 | 14.0 | | | 0.22 | 2.0 | | 7.7 | 7.8 | 89 | | 0.16 | 20 | | 13.56 | 17.63 | 9.00 |
| 10.0 | 1022 | 15.0 | | | 0.22 | 2.0 | | 7.7 | 7.7 | 88 | | 0.17 | 21 | | 14.25 | 17.44 | 9.57 |
| 10.0 | 1022 | 16.0 | | | 0.21 | 2.0 | | 7.6 | 7.7 | 88 | | 0.19 | 23 | | 15.32 | 17.20 | 10.43 |
| 10.0 | 1022 | 17.0 | | | 0.21 | 2.0 | | 7.6 | 7.7 | 88 | | 0.21 | 26 | | 16.34 | 16.97 | 11.26 |

North San Francisco Bay June 17, 1998 98168

| 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 | 1022 | 18.0 | | | 0.21 | 2.0 | | 7.7 | 7.8 | 89 | | 0.28 | 36 | | 16.81 | 16.86 | 11.63 |
| 11.0 | 1040 | 1.0 | | | 0.27 | 2.2 | | 8.4 | 8.2 | 92 | | 0.16 | 19 | 1.3 | 4.93 | 19.41 | 2.08 |
| 11.0 | 1040 | 2.0 | | | 0.28 | 2.2 | | 8.5 | 8.2 | 92 | | 0.15 | 18 | | 4.97 | 19.40 | 2.11 |
| 11.0 | 1040 | 3.0 | | | 0.27 | 2.2 | | 8.3 | 8.1 | 91 | | 0.15 | 18 | | 5.83 | 19.15 | 2.82 |
| 11.0 | 1040 | 4.0 | | | 0.25 | 2.1 | | 8.0 | 7.9 | 89 | | 0.14 | 17 | | 6.82 | 18.94 | 3.61 |
| 11.0 | 1040 | 5.0 | | | 0.23 | 2.0 | | 7.7 | 7.7 | 88 | | 0.14 | 18 | | 10.01 | 18.26 | 6.18 |
| 11.0 | 1040 | 6.0 | | | 0.22 | 2.0 | | 7.6 | 7.7 | 87 | | 0.17 | 21 | | 12.40 | 17.83 | 8.08 |
| 11.0 | 1040 | 7.0 | | | 0.21 | 2.0 | | 7.4 | 7.6 | 86 | | 0.16 | 20 | | 14.08 | 17.42 | 9.44 |
| 11.0 | 1040 | 8.0 | | | 0.20 | 1.9 | | 7.3 | 7.5 | 86 | | 0.16 | 19 | | 16.48 | 16.90 | 11.38 |
| 11.0 | 1040 | 9.0 | | | 0.19 | 1.9 | | 7.3 | 7.6 | 87 | | 0.16 | 20 | | 17.69 | 16.63 | 12.35 |
| 11.0 | 1040 | 10.0 | | | 0.19 | 1.9 | | 7.3 | 7.6 | 87 | | 0.18 | 23 | | 18.55 | 16.36 | 13.07 |
| 11.0 | 1040 | 11.0 | | | 0.19 | 1.9 | | 7.4 | 7.6 | 87 | | 0.19 | 23 | | 19.27 | 16.15 | 13.66 |
| 11.0 | 1040 | 12.0 | | | 0.19 | 1.9 | | 7.4 | 7.6 | 87 | | 0.18 | 23 | | 19.90 | 16.08 | 14.15 |
| 11.0 | 1040 | 13.0 | | | 0.19 | 1.9 | | 7.4 | 7.6 | 88 | | 0.19 | 24 | | 20.03 | 16.07 | 14.26 |
| 11.0 | 1040 | 14.0 | | | 0.19 | 1.9 | | 7.5 | 7.6 | 88 | | 0.19 | 25 | | 20.09 | 16.06 | 14.30 |
| 11.0 | 1040 | 15.0 | | | 0.19 | 1.9 | | 7.5 | 7.7 | 88 | | 0.19 | 24 | | 20.13 | 16.05 | 14.33 |
| 11.0 | 1040 | 16.0 | | | 0.19 | 1.9 | | 7.6 | 7.7 | 88 | | 0.20 | 25 | | 20.17 | 16.04 | 14.37 |
| 11.0 | 1040 | 17.0 | | | 0.19 | 1.9 | | 7.6 | 7.7 | 88 | | 0.20 | 25 | | 20.19 | 16.03 | 14.39 |
| 12.0 | 1055 | 1.0 | | | 0.24 | 2.1 | | 8.3 | 8.1 | 91 | | 0.21 | 27 | 1.7 | 6.88 | 18.85 | 3.67 |
| 12.0 | 1055 | 2.0 | | | 0.24 | 2.1 | | 8.0 | 8.0 | 90 | | 0.12 | 15 | | 9.79 | 18.47 | 5.97 |
| 12.0 | 1055 | 3.0 | | | 0.24 | 2.1 | | 7.9 | 7.9 | 90 | | 0.12 | 14 | | 10.48 | 18.63 | 6.45 |
| 12.0 | 1055 | 4.0 | | | 0.23 | 2.0 | | 7.6 | 7.7 | 88 | | 0.12 | 14 | | 11.35 | 18.31 | 7.19 |
| 12.0 | 1055 | 5.0 | | | 0.21 | 2.0 | | 7.1 | 7.4 | 85 | | 0.11 | 13 | | 13.66 | 17.58 | 9.09 |
| 12.0 | 1055 | 6.0 | | | 0.20 | 1.9 | | 6.9 | 7.3 | 83 | | 0.13 | 15 | | 17.79 | 16.55 | 12.44 |
| 12.0 | 1055 | 7.0 | | | 0.20 | 1.9 | | 6.8 | 7.3 | 83 | | 0.17 | 22 | | 20.37 | 15.91 | 14.55 |
| 12.0 | 1055 | 8.0 | | | 0.20 | 1.9 | | 6.9 | 7.3 | 84 | | 0.21 | 26 | | 22.19 | 15.47 | 16.03 |
| 12.0 | 1055 | 9.0 | | | 0.20 | 1.9 | | 7.1 | 7.4 | 86 | | 0.21 | 27 | | 22.88 | 15.34 | 16.58 |
| 13.0 | 1121 | 1.0 | | | 0.30 | 2.3 | | 8.7 | 8.3 | 96 | | 0.16 | 20 | 1.9 | 6.81 | 20.02 | 3.37 |
| 13.0 | 1121 | 2.0 | 2.4 | 0.67 | 0.30 | 2.3 | 8.2 | 8.6 | 8.2 | 95 | 19.6 | 0.16 | 19 | | 6.80 | 20.02 | 3.37 |
| 13.0 | 1121 | 3.0 | | | 0.29 | 2.2 | | 8.4 | 8.1 | 93 | | 0.16 | 20 | | 7.26 | 19.59 | 3.81 |
| 13.0 | 1121 | 4.0 | | | 0.28 | 2.2 | | 8.2 | 8.0 | 91 | | 0.18 | 22 | | 7.78 | 19.26 | 4.27 |
| 13.0 | 1121 | 5.0 | | | 0.26 | 2.1 | | 7.5 | 7.7 | 87 | | 0.19 | 23 | | 9.01 | 18.81 | 5.30 |
| 13.0 | 1121 | 6.0 | | | 0.22 | 2.0 | | 7.1 | 7.4 | 84 | | 0.14 | 17 | | 14.44 | 17.32 | 9.74 |
| 13.0 | 1121 | 7.0 | | | 0.20 | 1.9 | | 7.1 | 7.4 | 85 | | 0.11 | 13 | | 18.94 | 16.49 | 13.33 |
| 13.0 | 1121 | 8.0 | | | 0.20 | 1.9 | | 7.1 | 7.4 | 85 | | 0.11 | 13 | | 20.40 | 16.06 | 14.54 |
| 13.0 | 1121 | 9.0 | | | 0.21 | 2.0 | | 7.2 | 7.5 | 86 | | 0.13 | 16 | | 21.37 | 15.81 | 15.34 |
| 13.0 | 1121 | 10.0 | 1.5 | 0.43 | 0.21 | 2.0 | | 7.4 | 7.6 | 87 | | 0.18 | 22 | | 21.62 | 15.76 | 15.54 |
| 14.0 | 1136 | 1.0 | | | 0.28 | 2.2 | | 8.6 | 8.3 | 95 | | 0.12 | 14 | 1.5 | 7.81 | 19.39 | 4.27 |
| 14.0 | 1136 | 2.0 | | | 0.29 | 2.2 | | 8.5 | 8.2 | 94 | | 0.12 | 14 | | 7.91 | 19.30 | 4.37 |

North San Francisco Bay June 17, 1998 98168

| 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 | 1136 | 3.0 | | | 0.28 | 2.2 | | 7.9 | 7.9 | 90 | | 0.12 | 14 | | 8.54 | 19.02 | 4.90 |
| 14.0 | 1136 | 4.0 | | | 0.26 | 2.1 | | 7.4 | 7.6 | 87 | | 0.12 | 14 | | 10.56 | 18.54 | 6.53 |
| 14.0 | 1136 | 5.0 | | | 0.23 | 2.0 | | 7.2 | 7.5 | 86 | | 0.12 | 14 | | 15.44 | 17.29 | 10.51 |
| 14.0 | 1136 | 6.0 | | | 0.20 | 1.9 | | 7.2 | 7.5 | 86 | | 0.10 | 12 | | 17.93 | 16.69 | 12.52 |
| 14.0 | 1136 | 7.0 | | | 0.18 | 1.9 | | 7.1 | 7.4 | 85 | | 0.09 | 10 | | 20.35 | 16.09 | 14.50 |
| 14.0 | 1136 | 8.0 | | | 0.18 | 1.8 | | 7.1 | 7.4 | 86 | | 0.08 | 9 | | 21.75 | 15.73 | 15.64 |
| 14.0 | 1136 | 9.0 | | | 0.18 | 1.9 | | 7.1 | 7.4 | 86 | | 0.08 | 9 | | 22.60 | 15.51 | 16.34 |
| 14.0 | 1136 | 10.0 | | | 0.20 | 1.9 | | 7.0 | 7.4 | 85 | | 0.08 | 9 | | 23.19 | 15.32 | 16.83 |
| 14.0 | 1136 | 11.0 | | | 0.24 | 2.0 | | 7.1 | 7.4 | 86 | | 0.09 | 11 | | 24.82 | 14.84 | 18.18 |
| 14.0 | 1136 | 12.0 | | | 0.26 | 2.2 | | 7.2 | 7.5 | 86 | | 0.23 | 30 | | 25.28 | 14.71 | 18.55 |
| 14.0 | 1136 | 13.0 | | | 0.29 | 2.2 | | 7.2 | 7.5 | 86 | | 0.39 | 52 | | 25.43 | 14.66 | 18.68 |
| 14.0 | 1136 | 14.0 | | | 0.29 | 2.2 | | 7.3 | 7.5 | 87 | | 0.65 | 86 | | 25.49 | 14.66 | 18.72 |
| 15.0 | 1152 | 1.0 | | | 0.25 | 2.1 | | 8.5 | 8.2 | 94 | | 0.10 | 12 | 1.4 | 9.98 | 18.76 | 6.05 |
| 15.0 | 1152 | 2.0 | 2.2 | 0.72 | 0.27 | 2.2 | 8.2 | 8.5 | 8.2 | 94 | 12.7 | 0.09 | 10 | | 9.99 | 18.74 | 6.06 |
| 15.0 | 1152 | 3.0 | | | 0.27 | 2.2 | | 8.4 | 8.2 | 93 | | 0.09 | 10 | | 10.11 | 18.67 | 6.17 |
| 15.0 | 1152 | 4.0 | | | 0.27 | 2.2 | | 8.4 | 8.2 | 93 | | 0.09 | 10 | | 10.48 | 18.58 | 6.46 |
| 15.0 | 1152 | 5.0 | | | 0.27 | 2.2 | | 8.4 | 8.2 | 93 | | 0.09 | 10 | | 11.10 | 18.47 | 6.96 |
| 15.0 | 1152 | 6.0 | | | 0.27 | 2.2 | | 8.4 | 8.2 | 93 | | 0.08 | 9 | | 11.53 | 18.39 | 7.30 |
| 15.0 | 1152 | 7.0 | | | 0.27 | 2.2 | | 8.4 | 8.2 | 93 | | 0.08 | 9 | | 11.72 | 18.36 | 7.45 |
| 15.0 | 1152 | 8.0 | | | 0.27 | 2.2 | | 8.4 | 8.2 | 94 | | 0.08 | 9 | | 11.89 | 18.36 | 7.58 |
| 15.0 | 1152 | 9.0 | | | 0.28 | 2.2 | | 8.5 | 8.2 | 94 | | 0.08 | 8 | | 12.08 | 18.36 | 7.72 |
| 15.0 | 1152 | 10.0 | | | 0.28 | 2.2 | | 8.4 | 8.2 | 94 | | 0.08 | 8 | | 12.20 | 18.35 | 7.82 |
| 15.0 | 1152 | 11.0 | | | 0.27 | 2.2 | | 8.0 | 7.9 | 91 | | 0.09 | 10 | | 12.98 | 18.18 | 8.44 |
| 15.0 | 1152 | 12.0 | | | 0.24 | 2.1 | | 8.0 | 7.9 | 91 | | 0.09 | 11 | | 14.40 | 17.78 | 9.61 |
| 15.0 | 1152 | 13.0 | | | 0.22 | 2.0 | | 7.7 | 7.8 | 89 | | 0.10 | 12 | | 15.68 | 17.41 | 10.66 |
| 15.0 | 1152 | 14.0 | | | 0.21 | 2.0 | | 7.7 | 7.8 | 89 | | 0.12 | 14 | | 17.30 | 16.99 | 11.98 |
| 15.0 | 1152 | 15.0 | | | 0.21 | 1.9 | | 7.6 | 7.7 | 89 | | 0.15 | 18 | | 17.72 | 16.86 | 12.33 |
| 15.0 | 1152 | 16.0 | | | 0.21 | 2.0 | | 7.6 | 7.7 | 89 | | 0.16 | 20 | | 18.59 | 16.63 | 13.04 |
| 15.0 | 1152 | 17.0 | | | 0.21 | 2.0 | | 7.5 | 7.7 | 88 | | 0.24 | 31 | | 19.13 | 16.49 | 13.48 |
| 15.0 | 1152 | 18.0 | | | 0.22 | 2.0 | | 7.0 | 7.4 | 85 | | 0.31 | 41 | | 20.08 | 16.21 | 14.27 |
| 15.0 | 1152 | 19.0 | | | 0.26 | 2.1 | | 7.0 | 7.4 | 85 | | 0.33 | 43 | | 22.50 | 15.45 | 16.27 |
| 15.0 | 1152 | 20.0 | | | 0.31 | 2.3 | | 7.1 | 7.4 | 86 | | 0.72 | 96 | | 24.56 | 14.88 | 17.97 |
| 15.0 | 1152 | 21.0 | | | 0.33 | 2.4 | | 7.2 | 7.5 | 86 | | 0.96 | 128 | | 24.90 | 14.82 | 18.24 |
| 15.0 | 1152 | 22.0 | | | 0.36 | 2.5 | | 7.2 | 7.5 | 86 | | 0.99 | 133 | | 25.09 | 14.77 | 18.39 |
| 15.0 | 1152 | 23.0 | 1.3 | 0.38 | 0.36 | 2.5 | | 7.3 | 7.6 | 87 | | 1.23 | 165 | | 25.13 | 14.75 | 18.43 |
| 16.0 | 1216 | 1.0 | | | 0.28 | 2.2 | | 8.7 | 8.3 | 95 | | 0.10 | 11 | 1.4 | 10.24 | 18.84 | 6.23 |
| 16.0 | 1216 | 2.0 | | | 0.30 | 2.3 | | 8.5 | 8.2 | 94 | | 0.10 | 11 | | 10.27 | 18.82 | 6.25 |
| 16.0 | 1216 | 3.0 | | | 0.29 | 2.2 | | 8.2 | 8.0 | 92 | | 0.10 | 11 | | 10.85 | 18.56 | 6.75 |
| 16.0 | 1216 | 4.0 | | | 0.25 | 2.1 | | 7.6 | 7.7 | 88 | | 0.09 | 11 | | 13.00 | 17.97 | 8.51 |
| 16.0 | 1216 | 5.0 | | | 0.22 | 2.0 | | 7.3 | 7.5 | 87 | | 0.08 | 9 | | 17.11 | 16.98 | 11.84 |
| 16.0 | 1216 | 6.0 | | | 0.21 | 1.9 | | 7.2 | 7.5 | 86 | | 0.08 | 8 | | 20.76 | 16.02 | 14.82 |

North San Francisco Bay June 17, 1998 98168

| 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 | 1216 | 7.0 | | | 0.20 | 1.9 | | 7.2 | 7.5 | 86 | | 0.07 | 8 | | 22.74 | 15.47 | 16.45 |
| 16.0 | 1216 | 8.0 | | | 0.21 | 1.9 | | 7.2 | 7.5 | 87 | | 0.08 | 8 | | 23.53 | 15.25 | 17.10 |
| 16.0 | 1216 | 9.0 | | | 0.21 | 1.9 | | 7.3 | 7.5 | 87 | | 0.09 | 11 | | 23.80 | 15.16 | 17.33 |
| 16.0 | 1216 | 10.0 | | | 0.21 | 1.9 | | 7.3 | 7.5 | 87 | | 0.11 | 13 | | 24.07 | 15.06 | 17.55 |
| 16.0 | 1216 | 11.0 | | | 0.21 | 2.0 | | 7.3 | 7.5 | 87 | | 0.12 | 15 | | 24.39 | 14.90 | 17.83 |
| 17.0 | 1232 | 1.0 | | | 0.27 | 2.2 | | 8.6 | 8.3 | 95 | | 0.09 | 11 | 1.5 | 11.75 | 18.70 | 7.41 |
| 17.0 | 1232 | 2.0 | | | 0.28 | 2.2 | | 8.5 | 8.2 | 94 | 9.4 | 0.09 | 10 | | 11.77 | 18.66 | 7.43 |
| 17.0 | 1232 | 3.0 | | | 0.28 | 2.2 | | 8.1 | 8.0 | 92 | | 0.09 | 10 | | 12.00 | 18.45 | 7.65 |
| 17.0 | 1232 | 4.0 | | | 0.27 | 2.2 | | 7.8 | 7.8 | 90 | | 0.09 | 10 | | 14.26 | 17.70 | 9.52 |
| 17.0 | 1232 | 5.0 | | | 0.24 | 2.1 | | 7.7 | 7.8 | 89 | | 0.08 | 9 | | 16.78 | 17.08 | 11.57 |
| 17.0 | 1232 | 6.0 | | | 0.23 | 2.0 | | 7.6 | 7.7 | 88 | | 0.08 | 8 | | 18.17 | 16.75 | 12.70 |
| 17.0 | 1232 | 7.0 | | | 0.22 | 2.0 | | 7.4 | 7.6 | 87 | | 0.07 | 8 | | 19.63 | 16.33 | 13.90 |
| 17.0 | 1232 | 8.0 | | | 0.20 | 1.9 | | 7.3 | 7.6 | 87 | | 0.07 | 7 | | 21.11 | 15.91 | 15.11 |
| 17.0 | 1232 | 9.0 | | | 0.21 | 1.9 | | 7.3 | 7.6 | 87 | | 0.07 | 7 | | 22.09 | 15.65 | 15.91 |
| 17.0 | 1232 | 10.0 | | | 0.23 | 2.0 | | 7.3 | 7.5 | 87 | | 0.07 | 7 | | 22.67 | 15.49 | 16.40 |
| 17.0 | 1232 | 11.0 | | | 0.25 | 2.1 | | 7.3 | 7.5 | 87 | | 0.06 | 6 | | 23.52 | 15.23 | 17.10 |
| 17.0 | 1232 | 12.0 | | | 0.28 | 2.2 | | 7.3 | 7.5 | 87 | | 0.07 | 7 | | 24.39 | 14.97 | 17.81 |
| 17.0 | 1232 | 13.0 | | | 0.32 | 2.3 | | 7.3 | 7.5 | 87 | | 0.09 | 10 | | 25.24 | 14.72 | 18.52 |
| 17.0 | 1232 | 14.0 | | | 0.32 | 2.3 | | 7.4 | 7.6 | 88 | | 0.10 | 12 | | 25.66 | 14.61 | 18.86 |
| 18.0 | 1254 | 1.0 | | | 0.23 | 2.0 | | 8.2 | 8.1 | 93 | | 0.08 | 9 | 1.3 | 12.05 | 18.44 | 7.69 |
| 18.0 | 1254 | 2.0 | 1.9 | 0.72 | 0.23 | 2.0 | 8.0 | 7.9 | 7.9 | 90 | 10.4 | 0.08 | 9 | | 16.65 | 17.16 | 11.45 |
| 18.0 | 1254 | 3.0 | | | 0.23 | 2.0 | | 7.7 | 7.8 | 90 | | 0.09 | 10 | | 17.90 | 16.91 | 12.46 |
| 18.0 | 1254 | 4.0 | | | 0.23 | 2.0 | | 7.6 | 7.7 | 89 | | 0.09 | 10 | | 18.70 | 16.68 | 13.12 |
| 18.0 | 1254 | 5.0 | | | 0.22 | 2.0 | | 7.7 | 7.8 | 90 | | 0.08 | 9 | | 19.33 | 16.48 | 13.64 |
| 18.0 | 1254 | 6.0 | | | 0.22 | 2.0 | | 7.7 | 7.8 | 90 | | 0.07 | 8 | | 19.58 | 16.43 | 13.84 |
| 18.0 | 1254 | 7.0 | | | 0.22 | 2.0 | | 7.7 | 7.8 | 90 | | 0.07 | 8 | | 19.82 | 16.35 | 14.04 |
| 18.0 | 1254 | 8.0 | | | 0.23 | 2.0 | | 7.7 | 7.8 | 90 | | 0.07 | 8 | | 20.40 | 16.16 | 14.52 |
| 18.0 | 1254 | 9.0 | | | 0.24 | 2.1 | | 7.8 | 7.8 | 90 | | 0.07 | 8 | | 20.63 | 16.14 | 14.70 |
| 18.0 | 1254 | 10.0 | | | 0.24 | 2.1 | | 7.8 | 7.8 | 90 | | 0.07 | 7 | | 20.66 | 16.14 | 14.72 |
| 18.0 | 1254 | 11.0 | | | 0.26 | 2.1 | | 7.8 | 7.8 | 90 | | 0.07 | 7 | | 20.73 | 16.11 | 14.78 |
| 18.0 | 1254 | 12.0 | | | 0.27 | 2.2 | | 7.8 | 7.8 | 90 | | 0.07 | 7 | | 21.23 | 15.91 | 15.21 |
| 18.0 | 1254 | 13.0 | | | 0.29 | 2.2 | | 7.8 | 7.8 | 90 | | 0.06 | 7 | | 21.64 | 15.79 | 15.54 |
| 18.0 | 1254 | 14.0 | | | 0.31 | 2.3 | | 7.8 | 7.8 | 91 | | 0.06 | 6 | | 22.28 | 15.72 | 16.05 |
| 18.0 | 1254 | 15.0 | | | 0.31 | 2.3 | | 7.8 | 7.8 | 91 | | 0.05 | 5 | | 22.52 | 15.68 | 16.24 |
| 18.0 | 1254 | 16.0 | | | 0.32 | 2.3 | | 7.8 | 7.8 | 91 | | 0.06 | 6 | | 22.66 | 15.56 | 16.37 |
| 18.0 | 1254 | 17.0 | | | 0.32 | 2.4 | | 7.8 | 7.8 | 90 | | 0.06 | 7 | | 22.81 | 15.49 | 16.50 |
| 18.0 | 1254 | 18.0 | | | 0.32 | 2.4 | | 7.7 | 7.8 | 90 | | 0.07 | 8 | | 23.05 | 15.41 | 16.70 |
| 18.0 | 1254 | 19.0 | | | 0.35 | 2.5 | | 7.7 | 7.8 | 90 | | 0.08 | 8 | | 23.54 | 15.19 | 17.12 |
| 18.0 | 1254 | 20.0 | | | 0.37 | 2.5 | | 7.6 | 7.7 | 89 | | 0.08 | 9 | | 24.24 | 14.89 | 17.72 |
| 18.0 | 1254 | 21.0 | | | 0.40 | 2.6 | | 7.5 | 7.7 | 88 | | 0.08 | 9 | | 25.14 | 14.66 | 18.45 |
| 18.0 | 1254 | 22.0 | | | 0.42 | 2.7 | | 7.5 | 7.6 | 88 | | 0.08 | 8 | | 26.11 | 14.21 | 19.29 |

North San Francisco Bay June 17, 1998 98168

| 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 | 1254 | 23.0 | | | 0.45 | 2.8 | | 7.4 | 7.6 | 87 | | 0.07 | 8 | | 27.43 | 13.89 | 20.37 |
| 18.0 | 1254 | 24.0 | | | 0.47 | 2.9 | | 7.4 | 7.6 | 88 | | 0.06 | 7 | | 28.01 | 13.86 | 20.82 |
| 18.0 | 1254 | 25.0 | | | 0.46 | 2.9 | | 7.4 | 7.6 | 88 | | 0.05 | 5 | | 28.14 | 13.84 | 20.92 |
| 18.0 | 1254 | 26.0 | | | 0.48 | 2.9 | | 7.4 | 7.6 | 87 | | 0.05 | 5 | | 28.84 | 13.48 | 21.54 |
| 18.0 | 1254 | 27.0 | | | 0.50 | 3.0 | | 7.4 | 7.6 | 87 | | 0.05 | 5 | | 29.58 | 13.28 | 22.15 |
| 18.0 | 1254 | 28.0 | | | 0.52 | 3.1 | | 7.4 | 7.6 | 88 | | 0.05 | 5 | | 29.74 | 13.27 | 22.27 |
| 18.0 | 1254 | 29.0 | | | 0.53 | 3.1 | | 7.5 | 7.6 | 88 | | 0.05 | 5 | | 29.78 | 13.27 | 22.30 |
| 18.0 | 1254 | 30.0 | | | 0.52 | 3.1 | | 7.5 | 7.7 | 88 | | 0.05 | 5 | | 29.79 | 13.27 | 22.31 |
| 18.0 | 1254 | 31.0 | | | 0.51 | 3.0 | | 7.5 | 7.7 | 88 | | 0.05 | 4 | | 29.81 | 13.26 | 22.32 |
| 18.0 | 1254 | 32.0 | | | 0.50 | 3.0 | | 7.6 | 7.7 | 88 | | 0.05 | 5 | | 29.83 | 13.24 | 22.35 |
| 18.0 | 1254 | 33.0 | | | 0.48 | 3.0 | | 7.6 | 7.7 | 89 | | 0.05 | 5 | | 29.86 | 13.23 | 22.37 |
| 18.0 | 1254 | 34.0 | | | 0.52 | 3.1 | | 7.6 | 7.7 | 89 | | 0.05 | 5 | | 29.88 | 13.23 | 22.39 |
| 18.0 | 1254 | 35.0 | | | 0.54 | 3.2 | | 7.6 | 7.7 | 89 | | 0.05 | 4 | | 29.90 | 13.22 | 22.41 |
| 18.0 | 1254 | 36.0 | | | 0.54 | 3.1 | | 7.6 | 7.7 | 89 | | 0.05 | 4 | | 29.93 | 13.21 | 22.43 |
| 18.0 | 1254 | 37.0 | | | 0.53 | 3.1 | | 7.6 | 7.7 | 89 | | 0.05 | 4 | | 29.97 | 13.19 | 22.46 |
| 18.0 | 1254 | 38.0 | | | 0.54 | 3.1 | | 7.6 | 7.7 | 88 | | 0.05 | 5 | | 30.07 | 13.13 | 22.56 |
| 18.0 | 1254 | 39.0 | | | 0.56 | 3.2 | | 7.6 | 7.7 | 89 | | 0.05 | 4 | | 30.25 | 13.07 | 22.70 |
| 18.0 | 1254 | 40.0 | | | 0.57 | 3.3 | | 7.6 | 7.7 | 88 | | 0.05 | 4 | | 30.29 | 13.05 | 22.74 |
| 18.0 | 1254 | 41.0 | | | 0.57 | 3.3 | | 7.6 | 7.7 | 89 | | 0.04 | 4 | | 30.36 | 13.04 | 22.79 |

| | n | r^2 | Slope | Inter. | Std. Err. |
|---|---|---|---|---|---|
| Fluorometer Calibration: | 15 | 0.087 | 3.641 | 1.189 | 0.512 |
| OBS Calibration: | 9 | 0.845 | 136.206 | -1.997 | 4.403 |
| Dissolved Oxygen Calibration: | 8 | 0.774 | 0.572 | 3.357 | 0.188 |

SeaBird v4.026

South San Francisco Bay June 17, 1998 98168

| 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 | 1607 | 1.0 | | | 0.58 | 4.5 | | 7.7 | 7.2 | 91 | | 0.05 | 6 | 1.0 | 18.08 | 22.03 | 11.40 |
| 32.0 | 1607 | 2.0 | 4.2 | 0.78 | 0.59 | 4.6 | 7.2 | 7.7 | 7.2 | 91 | 7.8 | 0.05 | 7 | | 18.07 | 22.03 | 11.40 |
| 32.0 | 1607 | 3.0 | | | 0.59 | 4.6 | | 7.7 | 7.1 | 91 | | 0.05 | 6 | | 18.06 | 22.03 | 11.40 |
| 32.0 | 1607 | 4.0 | | | 0.58 | 4.5 | | 7.6 | 7.1 | 91 | | 0.05 | 6 | | 18.04 | 21.98 | 11.39 |
| 32.0 | 1607 | 5.0 | | | 0.57 | 4.4 | | 7.6 | 7.1 | 90 | | 0.05 | 6 | | 18.04 | 21.95 | 11.40 |
| 32.0 | 1607 | 6.0 | | | 0.52 | 4.0 | | 7.4 | 6.7 | 86 | | 0.05 | 7 | | 18.01 | 21.86 | 11.40 |
| 32.0 | 1607 | 7.0 | | | 0.46 | 3.4 | | 7.3 | 6.7 | 84 | | 0.05 | 7 | | 17.98 | 21.51 | 11.46 |
| 32.0 | 1607 | 8.0 | | | 0.41 | 3.0 | | 7.3 | 6.7 | 85 | | 0.05 | 7 | | 18.11 | 21.39 | 11.59 |
| 32.0 | 1607 | 9.0 | | | 0.38 | 2.7 | | 7.4 | 6.7 | 85 | | 0.06 | 7 | | 18.18 | 21.40 | 11.65 |
| 32.0 | 1607 | 10.0 | | | 0.38 | 2.6 | | 7.4 | 6.8 | 85 | | 0.08 | 9 | | 18.21 | 21.41 | 11.66 |
| 32.0 | 1607 | 11.0 | | | 0.38 | 2.7 | | 7.4 | 6.7 | 85 | | 0.09 | 10 | | 18.21 | 21.43 | 11.66 |
| 32.0 | 1607 | 12.0 | 2.3 | 0.60 | 0.38 | 2.7 | | 7.4 | 6.8 | 85 | | 0.11 | 12 | | 18.22 | 21.43 | 11.66 |
| 30.0 | 1543 | 1.0 | | | 0.60 | 4.7 | | 7.9 | 7.4 | 94 | | 0.05 | 6 | 0.8 | 18.40 | 21.38 | 11.82 |
| 30.0 | 1543 | 2.0 | 4.6 | 0.83 | 0.61 | 4.8 | 7.5 | 7.9 | 7.5 | 94 | 4.9 | 0.05 | 6 | | 18.40 | 21.40 | 11.81 |
| 30.0 | 1543 | 3.0 | | | 0.62 | 4.9 | | 7.8 | 7.4 | 93 | | 0.05 | 6 | | 18.40 | 21.41 | 11.81 |
| 30.0 | 1543 | 4.0 | | | 0.53 | 4.1 | | 7.3 | 6.7 | 85 | | 0.05 | 6 | | 18.42 | 21.38 | 11.83 |
| 30.0 | 1543 | 5.0 | | | 0.39 | 2.8 | | 7.3 | 6.7 | 83 | | 0.05 | 6 | | 18.58 | 20.67 | 12.13 |
| 30.0 | 1543 | 6.0 | | | 0.32 | 2.2 | | 7.3 | 6.7 | 84 | | 0.05 | 6 | | 18.66 | 20.55 | 12.22 |
| 30.0 | 1543 | 7.0 | | | 0.29 | 1.9 | | 7.3 | 6.7 | 83 | | 0.05 | 6 | | 18.68 | 20.53 | 12.23 |
| 30.0 | 1543 | 8.0 | | | 0.27 | 1.7 | | 7.3 | 6.7 | 83 | | 0.05 | 6 | | 18.72 | 20.46 | 12.28 |
| 30.0 | 1543 | 9.0 | | | 0.25 | 1.5 | | 7.4 | 6.7 | 84 | | 0.05 | 7 | | 18.81 | 20.34 | 12.38 |
| 30.0 | 1543 | 10.0 | | | 0.24 | 1.4 | | 7.4 | 6.8 | 84 | | 0.05 | 7 | | 18.84 | 20.30 | 12.41 |
| 30.0 | 1543 | 11.0 | | | 0.23 | 1.3 | | 7.4 | 6.8 | 84 | | 0.06 | 7 | | 18.85 | 20.29 | 12.42 |
| 30.0 | 1543 | 12.0 | | | 0.23 | 1.3 | | 7.4 | 6.8 | 84 | | 0.06 | 7 | | 18.86 | 20.28 | 12.43 |
| 30.0 | 1543 | 13.0 | | | 0.23 | 1.3 | | 7.4 | 6.8 | 84 | | 0.06 | 7 | | 18.86 | 20.27 | 12.44 |
| 30.0 | 1543 | 14.0 | 0.8 | 0.50 | 0.23 | 1.3 | | 7.4 | 6.8 | 85 | | 0.07 | 8 | | 18.87 | 20.27 | 12.44 |
| 29.0 | 1523 | 1.0 | | | 0.66 | 5.3 | | 8.1 | 7.7 | 98 | | 0.02 | 4 | 0.7 | 18.83 | 21.14 | 12.20 |
| 29.0 | 1523 | 2.0 | | | 0.69 | 5.5 | | 7.9 | 7.4 | 93 | | 0.02 | 4 | | 18.84 | 20.85 | 12.28 |
| 29.0 | 1523 | 3.0 | | | 0.63 | 5.0 | | 7.8 | 7.3 | 90 | | 0.02 | 4 | | 18.90 | 20.33 | 12.45 |
| 29.0 | 1523 | 4.0 | | | 0.50 | 3.8 | | 7.7 | 7.2 | 89 | | 0.02 | 4 | | 18.95 | 20.24 | 12.51 |
| 29.0 | 1523 | 5.0 | | | 0.41 | 2.9 | | 7.7 | 7.1 | 88 | | 0.02 | 4 | | 19.02 | 20.16 | 12.58 |
| 29.0 | 1523 | 6.0 | | | 0.35 | 2.5 | | 7.7 | 7.2 | 89 | | 0.02 | 4 | | 19.05 | 20.11 | 12.62 |
| 29.0 | 1523 | 7.0 | | | 0.33 | 2.2 | | 7.7 | 7.2 | 89 | | 0.02 | 4 | | 19.06 | 20.11 | 12.63 |
| 29.0 | 1523 | 8.0 | | | 0.30 | 2.0 | | 7.7 | 7.2 | 88 | | 0.02 | 4 | | 19.10 | 20.08 | 12.66 |
| 29.0 | 1523 | 9.0 | | | 0.27 | 1.7 | | 7.6 | 7.1 | 88 | | 0.02 | 4 | | 19.17 | 20.04 | 12.72 |
| 29.0 | 1523 | 10.0 | | | 0.25 | 1.5 | | 7.6 | 7.1 | 88 | | 0.02 | 4 | | 19.22 | 20.01 | 12.77 |
| 29.0 | 1523 | 11.0 | | | 0.25 | 1.5 | | 7.6 | 7.1 | 88 | | 0.03 | 4 | | 19.23 | 20.00 | 12.77 |
| 29.0 | 1523 | 12.0 | | | 0.24 | 1.4 | | 7.6 | 7.1 | 88 | | 0.03 | 4 | | 19.22 | 20.01 | 12.77 |
| 29.0 | 1523 | 13.0 | | | 0.24 | 1.4 | | 7.6 | 7.1 | 88 | | 0.03 | 4 | | 19.23 | 20.00 | 12.78 |
| 29.0 | 1523 | 14.0 | | | 0.24 | 1.4 | | 7.7 | 7.1 | 88 | | 0.03 | 4 | | 19.23 | 20.00 | 12.78 |

South San Francisco Bay June 17, 1998 98168

| 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 | 1459 | 1.0 | | | 0.58 | 4.5 | | 8.1 | 7.7 | 97 | | 0.02 | 4 | 0.9 | 19.27 | 21.13 | 12.53 |
| 27.0 | 1459 | 2.0 | 4.5 | 0.85 | 0.62 | 4.9 | 7.1 | 7.9 | 7.4 | 93 | 3.1 | 0.02 | 4 | | 19.33 | 20.67 | 12.69 |
| 27.0 | 1459 | 3.0 | | | 0.65 | 5.2 | | 8.0 | 7.6 | 94 | | 0.02 | 4 | | 19.39 | 20.08 | 12.88 |
| 27.0 | 1459 | 4.0 | | | 0.64 | 5.1 | | 8.0 | 7.6 | 94 | | 0.02 | 4 | | 19.41 | 20.01 | 12.91 |
| 27.0 | 1459 | 5.0 | | | 0.60 | 4.7 | | 8.0 | 7.6 | 94 | | 0.01 | 3 | | 19.42 | 20.00 | 12.92 |
| 27.0 | 1459 | 6.0 | | | 0.51 | 3.9 | | 8.0 | 7.5 | 93 | | 0.02 | 4 | | 19.43 | 19.98 | 12.94 |
| 27.0 | 1459 | 7.0 | | | 0.41 | 3.0 | | 7.9 | 7.5 | 92 | | 0.02 | 4 | | 19.46 | 19.93 | 12.97 |
| 27.0 | 1459 | 8.0 | | | 0.36 | 2.5 | | 7.9 | 7.4 | 92 | | 0.02 | 4 | | 19.47 | 19.92 | 12.98 |
| 27.0 | 1459 | 9.0 | | | 0.33 | 2.3 | | 7.9 | 7.4 | 92 | | 0.02 | 4 | | 19.47 | 19.92 | 12.98 |
| 27.0 | 1459 | 10.0 | | | 0.32 | 2.1 | | 7.9 | 7.4 | 92 | | 0.02 | 4 | | 19.47 | 19.92 | 12.98 |
| 27.0 | 1459 | 11.0 | | | 0.31 | 2.1 | | 7.9 | 7.4 | 92 | | 0.02 | 4 | | 19.47 | 19.92 | 12.98 |
| 27.0 | 1459 | 12.0 | 1.7 | 0.73 | 0.31 | 2.1 | | 7.9 | 7.4 | 92 | | 0.02 | 4 | | 19.47 | 19.92 | 12.98 |
| 25.0 | 1436 | 1.0 | | | 0.38 | 2.7 | | 8.3 | 8.0 | 98 | | 0.02 | 4 | 0.6 | 19.64 | 19.22 | 13.28 |
| 25.0 | 1436 | 2.0 | | | 0.41 | 2.9 | | 8.3 | 8.0 | 98 | | 0.02 | 4 | | 19.64 | 19.20 | 13.28 |
| 25.0 | 1436 | 3.0 | | | 0.45 | 3.4 | | 8.3 | 8.0 | 97 | | 0.02 | 4 | | 19.64 | 19.15 | 13.29 |
| 25.0 | 1436 | 4.0 | | | 0.47 | 3.5 | | 8.3 | 8.0 | 97 | | 0.02 | 4 | | 19.66 | 19.02 | 13.33 |
| 25.0 | 1436 | 5.0 | | | 0.43 | 3.1 | | 8.3 | 7.9 | 96 | | 0.02 | 4 | | 19.68 | 18.93 | 13.37 |
| 25.0 | 1436 | 6.0 | | | 0.37 | 2.6 | | 8.3 | 7.9 | 96 | | 0.02 | 4 | | 19.69 | 18.83 | 13.40 |
| 25.0 | 1436 | 7.0 | | | 0.34 | 2.4 | | 8.3 | 7.9 | 96 | | 0.02 | 4 | | 19.69 | 18.83 | 13.40 |
| 25.0 | 1436 | 8.0 | | | 0.35 | 2.4 | | 8.3 | 8.0 | 97 | | 0.02 | 4 | | 19.69 | 18.82 | 13.40 |
| 24.0 | 1421 | 1.0 | | | 0.38 | 2.7 | | 8.5 | 8.2 | 99 | | 0.01 | 3 | 0.7 | 19.59 | 18.22 | 13.46 |
| 24.0 | 1421 | 2.0 | 3.8 | 0.90 | 0.40 | 2.9 | 8.4 | 8.3 | 8.0 | 96 | 4.3 | 0.01 | 3 | | 19.62 | 18.18 | 13.50 |
| 24.0 | 1421 | 3.0 | | | 0.39 | 2.8 | | 7.9 | 7.5 | 89 | | 0.01 | 3 | | 19.99 | 17.83 | 13.85 |
| 24.0 | 1421 | 4.0 | | | 0.33 | 2.2 | | 7.8 | 7.3 | 86 | | 0.01 | 3 | | 20.33 | 17.47 | 14.19 |
| 24.0 | 1421 | 5.0 | | | 0.26 | 1.6 | | 7.7 | 7.1 | 84 | | 0.01 | 3 | | 20.52 | 17.35 | 14.36 |
| 24.0 | 1421 | 6.0 | | | 0.21 | 1.1 | | 7.4 | 6.8 | 80 | | 0.01 | 3 | | 20.74 | 17.21 | 14.56 |
| 24.0 | 1421 | 7.0 | | | 0.17 | 0.8 | | 7.4 | 6.8 | 79 | | 0.01 | 3 | | 21.22 | 16.83 | 15.01 |
| 24.0 | 1421 | 8.0 | | | 0.14 | 0.5 | | 7.4 | 6.7 | 79 | | 0.01 | 3 | | 21.33 | 16.74 | 15.11 |
| 24.0 | 1421 | 9.0 | | | 0.13 | 0.4 | | 7.4 | 6.8 | 80 | | 0.01 | 3 | | 21.36 | 16.71 | 15.14 |
| 24.0 | 1421 | 10.0 | 0.5 | 0.50 | 0.14 | 0.5 | | 7.5 | 6.9 | 81 | | 0.02 | 4 | | 21.37 | 16.72 | 15.15 |
| 22.0 | 1353 | 1.0 | | | 0.56 | 4.3 | | 9.4 | 9.3 | 112 | | 0.02 | 4 | 0.6 | 19.19 | 18.40 | 13.12 |
| 22.0 | 1353 | 2.0 | | | 0.59 | 4.6 | | 9.4 | 9.4 | 112 | | 0.01 | 3 | | 19.19 | 18.39 | 13.12 |
| 22.0 | 1353 | 3.0 | | | 0.67 | 5.3 | | 9.4 | 9.4 | 112 | | 0.01 | 3 | | 19.20 | 18.38 | 13.13 |
| 22.0 | 1353 | 4.0 | | | 0.75 | 6.1 | | 9.3 | 9.3 | 111 | | 0.02 | 3 | | 19.23 | 18.37 | 13.16 |
| 22.0 | 1353 | 5.0 | | | 0.71 | 5.7 | | 8.6 | 8.3 | 100 | | 0.02 | 3 | | 19.38 | 18.26 | 13.30 |
| 22.0 | 1353 | 6.0 | | | 0.54 | 4.1 | | 8.1 | 7.7 | 91 | | 0.02 | 3 | | 20.53 | 17.39 | 14.36 |
| 22.0 | 1353 | 7.0 | | | 0.40 | 2.8 | | 7.9 | 7.5 | 88 | | 0.01 | 3 | | 20.88 | 17.12 | 14.69 |
| 22.0 | 1353 | 8.0 | | | 0.33 | 2.2 | | 7.9 | 7.4 | 87 | | 0.02 | 3 | | 21.01 | 17.01 | 14.80 |
| 22.0 | 1353 | 9.0 | | | 0.28 | 1.8 | | 7.8 | 7.3 | 86 | | 0.02 | 4 | | 21.10 | 16.94 | 14.89 |
| 22.0 | 1353 | 10.0 | | | 0.25 | 1.5 | | 7.8 | 7.3 | 86 | | 0.02 | 4 | | 21.17 | 16.87 | 14.96 |

South San Francisco Bay June 17, 1998 98168

| 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 | 1353 | 11.0 | | | 0.23 | 1.3 | | 7.8 | 7.3 | 85 | | 0.02 | 4 | | 21.30 | 16.76 | 15.08 |
| 22.0 | 1353 | 12.0 | | | 0.21 | 1.1 | | 7.6 | 7.0 | 83 | | 0.02 | 4 | | 21.35 | 16.70 | 15.13 |
| 22.0 | 1353 | 13.0 | | | 0.18 | 0.9 | | 7.6 | 7.0 | 82 | | 0.02 | 4 | | 21.82 | 16.40 | 15.55 |
| 22.0 | 1353 | 14.0 | | | 0.17 | 0.7 | | 7.3 | 6.7 | 78 | | 0.03 | 4 | | 22.20 | 16.21 | 15.89 |
| 22.0 | 1353 | 15.0 | | | 0.16 | 0.7 | | 7.4 | 6.8 | 79 | | 0.03 | 5 | | 23.10 | 15.79 | 16.66 |
| 22.0 | 1353 | 16.0 | | | 0.17 | 0.8 | | 7.2 | 6.5 | 76 | | 0.04 | 5 | | 23.49 | 15.61 | 17.00 |
| 22.0 | 1353 | 17.0 | | | 0.18 | 0.9 | | 7.1 | 6.5 | 75 | | 0.04 | 5 | | 24.40 | 15.20 | 17.77 |
| 22.0 | 1353 | 18.0 | | | 0.21 | 1.1 | | 7.3 | 6.6 | 77 | | 0.05 | 7 | | 25.34 | 14.86 | 18.57 |
| 22.0 | 1353 | 19.0 | | | 0.21 | 1.1 | | 7.5 | 6.9 | 80 | | 0.09 | 10 | | 26.13 | 14.60 | 19.23 |
| 21.0 | 1339 | 1.0 | | | 0.52 | 4.0 | | 9.0 | 8.9 | 106 | | 0.02 | 4 | 0.7 | 19.57 | 18.21 | 13.45 |
| 21.0 | 1339 | 2.0 | 5.3 | 0.83 | 0.55 | 4.3 | 8.5 | 8.9 | 8.7 | 104 | 3.0 | 0.02 | 4 | | 19.62 | 18.16 | 13.50 |
| 21.0 | 1339 | 3.0 | | | 0.60 | 4.7 | | 8.7 | 8.5 | 102 | | 0.02 | 4 | | 19.83 | 18.05 | 13.68 |
| 21.0 | 1339 | 4.0 | | | 0.56 | 4.4 | | 8.6 | 8.3 | 100 | | 0.02 | 4 | | 20.03 | 18.04 | 13.84 |
| 21.0 | 1339 | 5.0 | | | 0.49 | 3.7 | | 8.4 | 8.1 | 97 | | 0.02 | 4 | | 20.22 | 17.99 | 13.99 |
| 21.0 | 1339 | 6.0 | | | 0.43 | 3.1 | | 8.4 | 8.1 | 96 | | 0.02 | 4 | | 20.36 | 17.87 | 14.13 |
| 21.0 | 1339 | 7.0 | | | 0.40 | 2.8 | | 8.3 | 8.0 | 96 | | 0.02 | 4 | | 20.40 | 17.79 | 14.17 |
| 21.0 | 1339 | 8.0 | | | 0.36 | 2.6 | | 8.2 | 7.9 | 94 | | 0.02 | 4 | | 20.43 | 17.72 | 14.22 |
| 21.0 | 1339 | 9.0 | | | 0.32 | 2.1 | | 8.0 | 7.6 | 90 | | 0.03 | 4 | | 20.55 | 17.58 | 14.33 |
| 21.0 | 1339 | 10.0 | | | 0.27 | 1.7 | | 7.7 | 7.1 | 84 | | 0.03 | 4 | | 21.16 | 17.12 | 14.90 |
| 21.0 | 1339 | 11.0 | | | 0.24 | 1.4 | | 7.7 | 7.2 | 85 | | 0.03 | 4 | | 22.17 | 16.51 | 15.80 |
| 21.0 | 1339 | 12.0 | | | 0.22 | 1.2 | | 7.7 | 7.2 | 84 | | 0.03 | 5 | | 22.36 | 16.38 | 15.97 |
| 21.0 | 1339 | 13.0 | | | 0.21 | 1.1 | | 7.7 | 7.2 | 84 | | 0.04 | 5 | | 22.73 | 16.20 | 16.29 |
| 21.0 | 1339 | 14.0 | | | 0.21 | 1.2 | | 7.8 | 7.3 | 85 | | 0.05 | 6 | | 22.98 | 16.09 | 16.51 |
| 21.0 | 1339 | 15.0 | | | 0.22 | 1.2 | | 7.8 | 7.3 | 86 | | 0.06 | 7 | | 23.06 | 16.08 | 16.57 |
| 21.0 | 1339 | 16.0 | | | 0.25 | 1.5 | | 7.9 | 7.4 | 87 | | 0.08 | 9 | | 23.11 | 16.08 | 16.61 |
| 21.0 | 1339 | 17.0 | 1.8 | 0.38 | 0.25 | 1.5 | | 7.9 | 7.5 | 87 | | 1.84 | 158 | | 23.18 | 16.08 | 16.66 |

| | n | r^2 | Slope | Inter. | Std. Err. |
|---|---|---|---|---|---|
| Fluorometer Calibration: | 10 | 0.890 | 9.162 | -0.788 | 0.605 |
| OBS Calibration: | 5 | 0.661 | 85.059 | 2.092 | 1.299 |
| Dissolved Oxygen Calibration: | 5 | 0.819 | 1.309 | -2.903 | 0.329 |

SeaBird v4.026

North San Francisco Bay July 21, 1998 98202

| 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 | 1713 | 1.0 | | | 0.26 | 2.6 | | 7.9 | 8.3 | 98 | | 0.13 | 19 | 1.9 | 0.07 | 23.17 | 0.00 |
| 657.0 | 1713 | 2.0 | 3.0 | 0.65 | 0.26 | 2.6 | 8.3 | 7.9 | 8.4 | 98 | 14.7 | 0.13 | 19 | | 0.07 | 23.18 | 0.00 |
| 657.0 | 1713 | 3.0 | | | 0.26 | 2.6 | | 7.9 | 8.4 | 99 | | 0.13 | 19 | | 0.07 | 23.18 | 0.00 |
| 657.0 | 1713 | 4.0 | | | 0.27 | 2.6 | | 7.9 | 8.4 | 99 | | 0.13 | 19 | | 0.07 | 23.20 | 0.00 |
| 657.0 | 1713 | 5.0 | | | 0.27 | 2.7 | | 7.9 | 8.4 | 99 | | 0.13 | 18 | | 0.07 | 23.21 | 0.00 |
| 657.0 | 1713 | 6.0 | | | 0.27 | 2.6 | | 7.8 | 8.3 | 98 | | 0.12 | 18 | | 0.07 | 23.19 | 0.00 |
| 657.0 | 1713 | 7.0 | | | 0.26 | 2.6 | | 7.8 | 8.3 | 97 | | 0.13 | 18 | | 0.07 | 23.10 | 0.00 |
| 657.0 | 1713 | 8.0 | | | 0.25 | 2.5 | | 7.8 | 8.2 | 97 | | 0.13 | 19 | | 0.07 | 23.01 | 0.00 |
| 657.0 | 1713 | 9.0 | | | 0.24 | 2.4 | | 7.8 | 8.2 | 96 | | 0.13 | 19 | | 0.07 | 22.97 | 0.00 |
| 657.0 | 1713 | 10.0 | 2.2 | 0.62 | 0.24 | 2.4 | | 7.8 | 8.3 | 97 | | 0.13 | 20 | | 0.07 | 22.96 | 0.00 |
| 649.0 | 1617 | 1.0 | | | 0.32 | 3.0 | | 8.0 | 8.5 | 100 | | 0.20 | 31 | 2.7 | 0.07 | 23.32 | 0.00 |
| 649.0 | 1617 | 2.0 | 3.1 | 0.59 | 0.32 | 3.0 | 8.4 | 8.0 | 8.5 | 100 | 29.8 | 0.20 | 29 | | 0.07 | 23.33 | 0.00 |
| 649.0 | 1617 | 3.0 | | | 0.31 | 3.0 | | 8.0 | 8.5 | 100 | | 0.20 | 30 | | 0.07 | 23.33 | 0.00 |
| 649.0 | 1617 | 4.0 | | | 0.32 | 3.0 | | 8.0 | 8.5 | 100 | | 0.19 | 29 | | 0.07 | 23.32 | 0.00 |
| 649.0 | 1617 | 5.0 | | | 0.32 | 3.1 | | 8.0 | 8.5 | 100 | | 0.20 | 30 | | 0.07 | 23.32 | 0.00 |
| 649.0 | 1617 | 6.0 | | | 0.33 | 3.1 | | 8.0 | 8.5 | 100 | | 0.20 | 30 | | 0.07 | 23.30 | 0.00 |
| 649.0 | 1617 | 7.0 | | | 0.33 | 3.1 | | 8.0 | 8.5 | 100 | | 0.20 | 31 | | 0.07 | 23.27 | 0.00 |
| 649.0 | 1617 | 8.0 | | | 0.33 | 3.1 | | 8.0 | 8.5 | 100 | | 0.21 | 31 | | 0.07 | 23.26 | 0.00 |
| 649.0 | 1617 | 9.0 | | | 0.33 | 3.1 | | 8.0 | 8.5 | 100 | | 0.21 | 31 | | 0.07 | 23.25 | 0.00 |
| 649.0 | 1617 | 10.0 | | | 0.33 | 3.1 | | 8.0 | 8.5 | 100 | | 0.21 | 31 | | 0.07 | 23.25 | 0.00 |
| 649.0 | 1617 | 11.0 | | | 0.33 | 3.1 | | 8.0 | 8.5 | 100 | | 0.21 | 31 | | 0.07 | 23.25 | 0.00 |
| 649.0 | 1617 | 12.0 | 2.9 | 0.56 | 0.33 | 3.1 | | 8.0 | 8.5 | 100 | | 0.21 | 32 | | 0.07 | 23.25 | 0.00 |
| 2.0 | 1549 | 1.0 | | | 0.38 | 3.5 | | 7.9 | 8.4 | 99 | | 0.25 | 38 | 3.3 | 0.10 | 23.55 | 0.00 |
| 2.0 | 1549 | 2.0 | | | 0.38 | 3.5 | | 7.9 | 8.4 | 99 | | 0.25 | 37 | | 0.10 | 23.54 | 0.00 |
| 2.0 | 1549 | 3.0 | | | 0.39 | 3.6 | | 7.9 | 8.4 | 99 | | 0.25 | 37 | | 0.10 | 23.54 | 0.00 |
| 2.0 | 1549 | 4.0 | | | 0.40 | 3.6 | | 7.9 | 8.4 | 99 | | 0.26 | 39 | | 0.10 | 23.51 | 0.00 |
| 2.0 | 1549 | 5.0 | | | 0.40 | 3.7 | | 7.9 | 8.4 | 99 | | 0.28 | 43 | | 0.10 | 23.50 | 0.00 |
| 2.0 | 1549 | 6.0 | | | 0.41 | 3.7 | | 7.9 | 8.4 | 99 | | 0.31 | 46 | | 0.10 | 23.50 | 0.00 |
| 2.0 | 1549 | 7.0 | | | 0.41 | 3.7 | | 7.9 | 8.4 | 99 | | 0.32 | 48 | | 0.10 | 23.50 | 0.00 |
| 2.0 | 1549 | 8.0 | | | 0.41 | 3.7 | | 7.9 | 8.4 | 99 | | 0.30 | 46 | | 0.10 | 23.50 | 0.00 |
| 2.0 | 1549 | 9.0 | | | 0.40 | 3.7 | | 7.9 | 8.4 | 99 | | 0.31 | 47 | | 0.10 | 23.50 | 0.00 |
| 2.0 | 1549 | 10.0 | | | 0.41 | 3.7 | | 7.9 | 8.4 | 99 | | 0.34 | 53 | | 0.10 | 23.49 | 0.00 |
| 2.0 | 1549 | 11.0 | | | 0.41 | 3.7 | | 7.9 | 8.4 | 99 | | 0.36 | 55 | | 0.10 | 23.49 | 0.00 |
| 3.0 | 1525 | 1.0 | | | 0.36 | 3.4 | | 7.8 | 8.3 | 99 | | 0.24 | 36 | 2.8 | 0.08 | 23.59 | 0.00 |
| 3.0 | 1525 | 2.0 | 3.8 | 0.53 | 0.36 | 3.4 | 8.2 | 7.9 | 8.3 | 99 | 31.1 | 0.23 | 35 | | 0.08 | 23.59 | 0.00 |
| 3.0 | 1525 | 3.0 | | | 0.37 | 3.4 | | 7.9 | 8.4 | 99 | | 0.24 | 36 | | 0.08 | 23.59 | 0.00 |
| 3.0 | 1525 | 4.0 | | | 0.38 | 3.5 | | 7.8 | 8.3 | 98 | | 0.23 | 35 | | 0.08 | 23.58 | 0.00 |
| 3.0 | 1525 | 5.0 | | | 0.38 | 3.5 | | 7.8 | 8.3 | 98 | | 0.23 | 35 | | 0.08 | 23.56 | 0.00 |
| 3.0 | 1525 | 6.0 | | | 0.39 | 3.6 | | 7.8 | 8.3 | 98 | | 0.24 | 36 | | 0.08 | 23.56 | 0.00 |
| 3.0 | 1525 | 7.0 | | | 0.39 | 3.6 | | 7.8 | 8.3 | 99 | | 0.25 | 38 | | 0.08 | 23.56 | 0.00 |

North San Francisco Bay | July 21, 1998 | 98202

| 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 | 1525 | 8.0 | | | 0.39 | 3.6 | | 7.8 | 8.3 | 99 | | 0.27 | 40 | | 0.08 | 23.56 | 0.00 |
| 3.0 | 1525 | 9.0 | | | 0.39 | 3.6 | | 7.8 | 8.3 | 99 | | 0.27 | 41 | | 0.08 | 23.55 | 0.00 |
| 3.0 | 1525 | 10.0 | | | 0.39 | 3.6 | | 7.9 | 8.3 | 99 | | 0.28 | 43 | | 0.08 | 23.55 | 0.00 |
| 3.0 | 1525 | 11.0 | | | 0.39 | 3.5 | | 7.9 | 8.3 | 99 | | 0.30 | 45 | | 0.08 | 23.56 | 0.00 |
| 3.0 | 1525 | 12.0 | | | 0.38 | 3.5 | | 7.9 | 8.3 | 99 | | 0.29 | 45 | | 0.08 | 23.56 | 0.00 |
| 3.0 | 1525 | 13.0 | | | 0.39 | 3.6 | | 7.9 | 8.4 | 99 | | 0.29 | 45 | | 0.08 | 23.55 | 0.00 |
| 3.0 | 1525 | 14.0 | 4.0 | 0.50 | 0.39 | 3.6 | | 7.9 | 8.4 | 99 | | 0.33 | 50 | | 0.08 | 23.55 | 0.00 |
| 4.0 | 1503 | 1.0 | | | 0.39 | 3.6 | | 7.9 | 8.4 | 99 | | 0.25 | 37 | 4.5 | 0.14 | 23.52 | 0.00 |
| 4.0 | 1503 | 2.0 | | | 0.39 | 3.5 | | 7.9 | 8.4 | 99 | | 0.24 | 36 | | 0.14 | 23.50 | 0.00 |
| 4.0 | 1503 | 3.0 | | | 0.39 | 3.5 | | 7.9 | 8.4 | 99 | | 0.25 | 37 | | 0.14 | 23.47 | 0.00 |
| 4.0 | 1503 | 4.0 | | | 0.39 | 3.6 | | 7.9 | 8.4 | 100 | | 0.25 | 38 | | 0.14 | 23.49 | 0.00 |
| 4.0 | 1503 | 5.0 | | | 0.40 | 3.7 | | 7.9 | 8.4 | 100 | | 0.26 | 39 | | 0.14 | 23.49 | 0.00 |
| 4.0 | 1503 | 6.0 | | | 0.41 | 3.7 | | 7.9 | 8.4 | 100 | | 0.25 | 38 | | 0.14 | 23.48 | 0.00 |
| 4.0 | 1503 | 7.0 | | | 0.41 | 3.7 | | 8.0 | 8.4 | 100 | | 0.26 | 39 | | 0.14 | 23.46 | 0.00 |
| 4.0 | 1503 | 8.0 | | | 0.41 | 3.7 | | 7.9 | 8.4 | 100 | | 0.26 | 39 | | 0.14 | 23.47 | 0.00 |
| 4.0 | 1503 | 9.0 | | | 0.41 | 3.7 | | 7.9 | 8.4 | 100 | | 0.26 | 40 | | 0.14 | 23.45 | 0.00 |
| 4.0 | 1503 | 10.0 | | | 0.41 | 3.7 | | 8.0 | 8.5 | 100 | | 0.26 | 40 | | 0.14 | 23.44 | 0.00 |
| 4.0 | 1503 | 11.0 | | | 0.41 | 3.7 | | 7.9 | 8.4 | 100 | | 0.27 | 41 | | 0.14 | 23.43 | 0.00 |
| 4.0 | 1503 | 12.0 | | | 0.41 | 3.7 | | 7.9 | 8.4 | 99 | | 0.28 | 42 | | 0.14 | 23.42 | 0.00 |
| 4.0 | 1503 | 13.0 | | | 0.41 | 3.7 | | 7.9 | 8.4 | 100 | | 0.28 | 42 | | 0.15 | 23.39 | 0.00 |
| 4.0 | 1503 | 14.0 | | | 0.41 | 3.7 | | 7.9 | 8.4 | 100 | | 0.30 | 45 | | 0.15 | 23.38 | 0.00 |
| 4.0 | 1503 | 15.0 | | | 0.41 | 3.7 | | 7.9 | 8.4 | 100 | | 0.32 | 48 | | 0.15 | 23.38 | 0.00 |
| 4.0 | 1503 | 16.0 | | | 0.41 | 3.7 | | 7.9 | 8.4 | 100 | | 0.33 | 50 | | 0.14 | 23.38 | 0.00 |
| 4.0 | 1503 | 17.0 | | | 0.41 | 3.8 | | 7.9 | 8.4 | 99 | | 0.34 | 52 | | 0.14 | 23.38 | 0.00 |
| 4.0 | 1503 | 18.0 | | | 0.41 | 3.8 | | 8.0 | 8.5 | 100 | | 0.36 | 55 | | 0.15 | 23.39 | 0.00 |
| 5.0 | 1447 | 1.0 | | | 0.40 | 3.6 | | 8.1 | 8.6 | 102 | | 0.24 | 36 | 3.4 | 0.14 | 23.68 | 0.00 |
| 5.0 | 1447 | 2.0 | | | 0.40 | 3.6 | | 8.0 | 8.5 | 101 | | 0.23 | 35 | | 0.15 | 23.61 | 0.00 |
| 5.0 | 1447 | 3.0 | | | 0.40 | 3.6 | | 8.0 | 8.5 | 100 | | 0.24 | 37 | | 0.17 | 23.46 | 0.00 |
| 5.0 | 1447 | 4.0 | | | 0.40 | 3.7 | | 7.9 | 8.4 | 100 | | 0.26 | 40 | | 0.19 | 23.42 | 0.00 |
| 5.0 | 1447 | 5.0 | | | 0.41 | 3.7 | | 8.0 | 8.5 | 100 | | 0.28 | 42 | | 0.23 | 23.32 | 0.00 |
| 5.0 | 1447 | 6.0 | | | 0.42 | 3.8 | | 8.0 | 8.5 | 100 | | 0.29 | 44 | | 0.25 | 23.28 | 0.00 |
| 5.0 | 1447 | 7.0 | | | 0.42 | 3.8 | | 8.0 | 8.5 | 100 | | 0.30 | 46 | | 0.27 | 23.23 | 0.00 |
| 5.0 | 1447 | 8.0 | | | 0.42 | 3.8 | | 8.0 | 8.5 | 100 | | 0.32 | 49 | | 0.30 | 23.20 | 0.00 |
| 5.0 | 1447 | 9.0 | | | 0.42 | 3.8 | | 8.0 | 8.5 | 100 | | 0.34 | 52 | | 0.30 | 23.20 | 0.00 |
| 5.0 | 1447 | 10.0 | | | 0.42 | 3.8 | | 8.0 | 8.5 | 100 | | 0.37 | 57 | | 0.30 | 23.20 | 0.00 |
| 5.0 | 1447 | 11.0 | | | 0.43 | 3.9 | | 8.0 | 8.5 | 100 | | 0.39 | 60 | | 0.30 | 23.20 | 0.00 |
| 5.0 | 1447 | 12.0 | | | 0.43 | 3.9 | | 8.0 | 8.5 | 100 | | 0.43 | 65 | | 0.30 | 23.20 | 0.00 |
| 6.0 | 1427 | 1.0 | | | 0.36 | 3.4 | | 7.8 | 8.3 | 98 | | 0.29 | 44 | 3.7 | 0.86 | 23.34 | 0.00 |
| 6.0 | 1427 | 2.0 | 3.5 | 0.62 | 0.36 | 3.3 | 8.5 | 7.8 | 8.3 | 97 | 40.2 | 0.28 | 42 | | 1.16 | 22.97 | 0.00 |
| 6.0 | 1427 | 3.0 | | | 0.35 | 3.3 | | 7.8 | 8.3 | 98 | | 0.36 | 55 | | 1.38 | 22.77 | 0.00 |

North San Francisco Bay | July 21, 1998 | 98202

| 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 | 1427 | 4.0 | | | 0.36 | 3.3 | | 7.8 | 8.3 | 98 | | 0.42 | 64 | | 1.46 | 22.73 | 0.00 |
| 6.0 | 1427 | 5.0 | | | 0.36 | 3.4 | | 7.9 | 8.4 | 98 | | 0.50 | 76 | | 1.53 | 22.65 | 0.00 |
| 6.0 | 1427 | 6.0 | | | 0.36 | 3.4 | | 7.8 | 8.3 | 97 | | 0.57 | 87 | | 1.56 | 22.61 | 0.00 |
| 6.0 | 1427 | 7.0 | | | 0.36 | 3.4 | | 7.9 | 8.4 | 98 | | 0.61 | 93 | | 1.70 | 22.52 | 0.00 |
| 6.0 | 1427 | 8.0 | | | 0.35 | 3.3 | | 7.9 | 8.4 | 98 | | 0.60 | 92 | | 1.81 | 22.47 | 0.00 |
| 6.0 | 1427 | 9.0 | | | 0.35 | 3.3 | | 7.9 | 8.4 | 98 | | 0.61 | 94 | | 1.80 | 22.47 | 0.00 |
| 6.0 | 1427 | 10.0 | | | 0.35 | 3.3 | | 7.9 | 8.4 | 98 | | 0.62 | 95 | | 1.82 | 22.47 | 0.00 |
| 6.0 | 1427 | 11.0 | | | 0.35 | 3.3 | | 7.9 | 8.4 | 98 | | 0.64 | 98 | | 1.81 | 22.47 | 0.00 |
| 6.0 | 1427 | 12.0 | 2.9 | 0.33 | 0.35 | 3.3 | | 8.0 | 8.5 | 99 | | 0.65 | 99 | | 1.81 | 22.47 | 0.00 |
| 7.0 | 1404 | 1.0 | | | 0.27 | 2.7 | | 7.9 | 8.4 | 98 | | 0.46 | 70 | 5.4 | 4.89 | 21.78 | 1.53 |
| 7.0 | 1404 | 2.0 | | | 0.28 | 2.7 | | 7.8 | 8.3 | 98 | | 0.47 | 72 | | 4.89 | 21.78 | 1.52 |
| 7.0 | 1404 | 3.0 | | | 0.29 | 2.8 | | 7.8 | 8.2 | 97 | | 0.46 | 71 | | 4.90 | 21.76 | 1.54 |
| 7.0 | 1404 | 4.0 | | | 0.31 | 2.9 | | 7.8 | 8.3 | 97 | | 0.53 | 81 | | 5.06 | 21.64 | 1.69 |
| 7.0 | 1404 | 5.0 | | | 0.31 | 2.9 | | 7.8 | 8.3 | 97 | | 0.59 | 91 | | 5.10 | 21.62 | 1.72 |
| 7.0 | 1404 | 6.0 | | | 0.31 | 2.9 | | 7.8 | 8.3 | 97 | | 0.64 | 99 | | 5.08 | 21.61 | 1.70 |
| 7.0 | 1404 | 7.0 | | | 0.30 | 2.9 | | 7.8 | 8.3 | 97 | | 0.67 | 103 | | 5.11 | 21.60 | 1.74 |
| 7.0 | 1404 | 8.0 | | | 0.31 | 2.9 | | 7.8 | 8.3 | 97 | | 0.71 | 109 | | 5.19 | 21.57 | 1.80 |
| 7.0 | 1404 | 9.0 | | | 0.31 | 3.0 | | 7.8 | 8.3 | 97 | | 0.74 | 113 | | 5.21 | 21.56 | 1.82 |
| 7.0 | 1404 | 10.0 | | | 0.31 | 3.0 | | 7.8 | 8.3 | 97 | | 0.78 | 121 | | 5.22 | 21.56 | 1.82 |
| 7.0 | 1404 | 11.0 | | | 0.31 | 3.0 | | 7.8 | 8.3 | 97 | | 0.81 | 126 | | 5.20 | 21.56 | 1.81 |
| 7.0 | 1404 | 12.0 | | | 0.31 | 3.0 | | 7.8 | 8.3 | 97 | | 0.85 | 130 | | 5.17 | 21.56 | 1.79 |
| 7.0 | 1404 | 13.0 | | | 0.31 | 3.0 | | 7.8 | 8.3 | 97 | | 0.86 | 132 | | 5.16 | 21.56 | 1.78 |
| 7.0 | 1404 | 14.0 | | | 0.30 | 2.9 | | 7.8 | 8.3 | 97 | | 0.87 | 135 | | 5.15 | 21.57 | 1.77 |
| 7.0 | 1404 | 15.0 | | | 0.30 | 2.9 | | 7.8 | 8.3 | 97 | | 0.86 | 132 | | 5.16 | 21.56 | 1.78 |
| 8.0 | 1344 | 1.0 | | | 0.26 | 2.6 | | 7.7 | 8.1 | 95 | | 0.18 | 27 | 2.5 | 5.22 | 21.53 | 1.83 |
| 8.0 | 1344 | 2.0 | | | 0.27 | 2.7 | | 7.7 | 8.2 | 96 | | 0.22 | 34 | | 5.83 | 21.42 | 2.32 |
| 8.0 | 1344 | 3.0 | | | 0.28 | 2.7 | | 7.7 | 8.2 | 96 | | 0.25 | 38 | | 6.04 | 21.43 | 2.48 |
| 8.0 | 1344 | 4.0 | | | 0.29 | 2.8 | | 7.5 | 8.0 | 94 | | 0.26 | 40 | | 6.06 | 21.43 | 2.49 |
| 8.0 | 1344 | 5.0 | | | 0.30 | 2.9 | | 7.4 | 7.9 | 93 | | 0.27 | 41 | | 7.16 | 21.13 | 3.39 |
| 8.0 | 1344 | 6.0 | | | 0.31 | 3.0 | | 7.4 | 7.9 | 93 | | 0.31 | 47 | | 8.39 | 20.79 | 4.40 |
| 8.0 | 1344 | 7.0 | | | 0.34 | 3.2 | | 7.5 | 7.9 | 93 | | 0.39 | 60 | | 8.61 | 20.75 | 4.58 |
| 8.0 | 1344 | 8.0 | | | 0.35 | 3.3 | | 7.5 | 8.0 | 94 | | 0.73 | 112 | | 8.69 | 20.73 | 4.64 |
| 8.0 | 1344 | 9.0 | | | 0.38 | 3.5 | | 7.5 | 8.0 | 94 | | 0.99 | 152 | | 8.80 | 20.71 | 4.72 |
| 8.0 | 1344 | 10.0 | | | 0.40 | 3.6 | | 7.5 | 8.0 | 94 | | 1.32 | 204 | | 8.89 | 20.69 | 4.80 |
| 8.0 | 1344 | 11.0 | | | 0.40 | 3.6 | | 7.6 | 8.0 | 94 | | 1.57 | 243 | | 8.92 | 20.69 | 4.82 |
| 8.0 | 1344 | 12.0 | | | 0.40 | 3.7 | | 7.6 | 8.0 | 95 | | 1.77 | 275 | | 8.94 | 20.68 | 4.84 |
| 8.0 | 1344 | 13.0 | | | 0.41 | 3.7 | | 7.6 | 8.0 | 95 | | 1.94 | 300 | | 8.94 | 20.69 | 4.84 |
| 8.0 | 1344 | 14.0 | | | 0.42 | 3.8 | | 7.6 | 8.0 | 95 | | 2.08 | 323 | | 8.94 | 20.68 | 4.84 |
| 8.0 | 1344 | 15.0 | | | 0.43 | 3.9 | | 7.6 | 8.0 | 95 | | 2.21 | 343 | | 8.94 | 20.69 | 4.84 |

North San Francisco Bay | July 21, 1998 | 98202

| 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 | 1325 | 1.0 | | | 0.32 | 3.0 | | 7.8 | 8.2 | 97 | | 0.66 | 102 | 6.9 | 9.61 | 20.63 | 5.36 |
| 9.0 | 1325 | 2.0 | 2.9 | 0.42 | 0.32 | 3.0 | 8.0 | 7.7 | 8.2 | 97 | 102.9 | 0.66 | 101 | | 9.61 | 20.64 | 5.35 |
| 9.0 | 1325 | 3.0 | | | 0.34 | 3.2 | | 7.7 | 8.2 | 97 | | 0.65 | 100 | | 9.61 | 20.63 | 5.36 |
| 9.0 | 1325 | 4.0 | | | 0.35 | 3.3 | | 7.7 | 8.2 | 97 | | 0.65 | 100 | | 9.68 | 20.60 | 5.42 |
| 9.0 | 1325 | 5.0 | | | 0.35 | 3.3 | | 7.7 | 8.2 | 97 | | 0.66 | 101 | | 9.70 | 20.58 | 5.44 |
| 9.0 | 1325 | 6.0 | | | 0.35 | 3.3 | | 7.7 | 8.2 | 97 | | 0.66 | 102 | | 9.75 | 20.58 | 5.47 |
| 9.0 | 1325 | 7.0 | | | 0.35 | 3.3 | | 7.7 | 8.2 | 96 | | 0.66 | 102 | | 9.80 | 20.57 | 5.52 |
| 9.0 | 1325 | 8.0 | | | 0.34 | 3.2 | | 7.7 | 8.2 | 97 | | 0.65 | 101 | | 10.22 | 20.47 | 5.85 |
| 9.0 | 1325 | 9.0 | | | 0.33 | 3.1 | | 7.7 | 8.2 | 97 | | 0.60 | 92 | | 10.49 | 20.41 | 6.07 |
| 9.0 | 1325 | 10.0 | | | 0.33 | 3.1 | | 7.7 | 8.2 | 96 | | 0.50 | 77 | | 10.64 | 20.35 | 6.20 |
| 9.0 | 1325 | 11.0 | | | 0.34 | 3.2 | | 7.7 | 8.1 | 96 | | 0.42 | 64 | | 10.80 | 20.29 | 6.34 |
| 9.0 | 1325 | 12.0 | | | 0.36 | 3.3 | | 7.7 | 8.1 | 96 | | 0.42 | 64 | | 11.02 | 20.23 | 6.52 |
| 9.0 | 1325 | 13.0 | | | 0.35 | 3.3 | | 7.7 | 8.2 | 96 | | 0.63 | 98 | | 11.03 | 20.23 | 6.52 |
| 9.0 | 1325 | 14.0 | | | 0.35 | 3.3 | | 7.7 | 8.2 | 97 | | 0.78 | 120 | | 11.00 | 20.24 | 6.50 |
| 9.0 | 1325 | 15.0 | | | 0.36 | 3.4 | | 7.7 | 8.2 | 97 | | 0.82 | 126 | | 10.97 | 20.25 | 6.47 |
| 9.0 | 1325 | 16.0 | | | 0.36 | 3.3 | | 7.7 | 8.2 | 97 | | 0.81 | 124 | | 10.96 | 20.25 | 6.47 |
| 9.0 | 1325 | 17.0 | | | 0.35 | 3.3 | | 7.7 | 8.2 | 96 | | 0.78 | 121 | | 11.01 | 20.23 | 6.51 |
| 9.0 | 1325 | 18.0 | | | 0.36 | 3.3 | | 7.7 | 8.2 | 97 | | 0.79 | 122 | | 11.07 | 20.22 | 6.55 |
| 9.0 | 1325 | 19.0 | | | 0.35 | 3.3 | | 7.7 | 8.2 | 96 | | 0.84 | 129 | | 11.01 | 20.24 | 6.50 |
| 9.0 | 1325 | 20.0 | | | 0.35 | 3.3 | | 7.7 | 8.2 | 96 | | 0.89 | 137 | | 11.04 | 20.23 | 6.53 |
| 9.0 | 1325 | 21.0 | | | 0.36 | 3.4 | | 7.7 | 8.2 | 96 | | 0.94 | 144 | | 11.09 | 20.22 | 6.57 |
| 9.0 | 1325 | 22.0 | | | 0.37 | 3.4 | | 7.7 | 8.1 | 96 | | 0.99 | 154 | | 11.06 | 20.23 | 6.54 |
| 9.0 | 1325 | 23.0 | | | 0.38 | 3.5 | | 7.7 | 8.1 | 96 | | 1.14 | 176 | | 11.05 | 20.23 | 6.53 |
| 9.0 | 1325 | 24.0 | | | 0.39 | 3.6 | | 7.7 | 8.1 | 96 | | 1.17 | 182 | | 11.05 | 20.24 | 6.53 |
| 9.0 | 1325 | 25.0 | 3.6 | 0.31 | 0.39 | 3.5 | | 7.7 | 8.1 | 96 | | 1.25 | 194 | | 11.04 | 20.24 | 6.52 |
| 10.0 | 1314 | 1.0 | | | 0.33 | 3.1 | | 7.7 | 8.2 | 97 | | 0.41 | 62 | 4.4 | 10.75 | 20.35 | 6.28 |
| 10.0 | 1314 | 2.0 | | | 0.33 | 3.1 | | 7.7 | 8.2 | 97 | | 0.39 | 59 | | 10.70 | 20.37 | 6.24 |
| 10.0 | 1314 | 3.0 | | | 0.34 | 3.2 | | 7.7 | 8.2 | 97 | | 0.38 | 58 | | 10.78 | 20.33 | 6.31 |
| 10.0 | 1314 | 4.0 | | | 0.34 | 3.2 | | 7.7 | 8.2 | 97 | | 0.39 | 60 | | 10.90 | 20.31 | 6.40 |
| 10.0 | 1314 | 5.0 | | | 0.35 | 3.3 | | 7.7 | 8.2 | 97 | | 0.39 | 59 | | 11.15 | 20.24 | 6.61 |
| 10.0 | 1314 | 6.0 | | | 0.36 | 3.3 | | 7.7 | 8.2 | 97 | | 0.43 | 65 | | 11.29 | 20.20 | 6.72 |
| 10.0 | 1314 | 7.0 | | | 0.36 | 3.3 | | 7.6 | 8.1 | 96 | | 0.45 | 69 | | 11.36 | 20.17 | 6.78 |
| 10.0 | 1314 | 8.0 | | | 0.36 | 3.3 | | 7.6 | 8.1 | 96 | | 0.52 | 80 | | 11.61 | 20.08 | 6.99 |
| 10.0 | 1314 | 9.0 | | | 0.36 | 3.3 | | 7.6 | 8.1 | 96 | | 0.66 | 101 | | 11.98 | 19.99 | 7.29 |
| 10.0 | 1314 | 10.0 | | | 0.37 | 3.4 | | 7.6 | 8.1 | 96 | | 0.79 | 122 | | 12.15 | 19.95 | 7.43 |
| 10.0 | 1314 | 11.0 | | | 0.38 | 3.5 | | 7.7 | 8.1 | 96 | | 0.79 | 122 | | 12.15 | 19.95 | 7.43 |
| 10.0 | 1314 | 12.0 | | | 0.37 | 3.4 | | 7.7 | 8.1 | 96 | | 0.78 | 120 | | 12.14 | 19.95 | 7.42 |
| 10.0 | 1314 | 13.0 | | | 0.37 | 3.4 | | 7.7 | 8.1 | 96 | | 0.80 | 124 | | 12.15 | 19.96 | 7.43 |
| 10.0 | 1314 | 14.0 | | | 0.37 | 3.4 | | 7.7 | 8.1 | 96 | | 0.84 | 130 | | 12.16 | 19.96 | 7.44 |
| 10.0 | 1314 | 15.0 | | | 0.37 | 3.4 | | 7.7 | 8.1 | 96 | | 0.85 | 132 | | 12.17 | 19.96 | 7.44 |
| 10.0 | 1314 | 16.0 | | | 0.37 | 3.4 | | 7.7 | 8.1 | 96 | | 0.88 | 135 | | 12.18 | 19.96 | 7.45 |
| 10.0 | 1314 | 17.0 | | | 0.38 | 3.5 | | 7.7 | 8.1 | 96 | | 0.88 | 137 | | 12.19 | 19.96 | 7.46 |

North San Francisco Bay | July 21, 1998 | 98202

| 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 | 1314 | 18.0 | | | 0.38 | 3.5 | | 7.7 | 8.1 | 96 | | 0.92 | 143 | | 12.20 | 19.97 | 7.46 |
| 10.0 | 1314 | 19.0 | | | 0.39 | 3.6 | | 7.7 | 8.1 | 96 | | 0.98 | 152 | | 12.20 | 19.97 | 7.47 |
| 10.0 | 1314 | 20.0 | | | 0.39 | 3.6 | | 7.7 | 8.1 | 96 | | 1.00 | 155 | | 12.21 | 19.97 | 7.47 |
| 10.0 | 1314 | 21.0 | | | 0.39 | 3.6 | | 7.6 | 8.1 | 96 | | 0.99 | 153 | | 12.21 | 19.97 | 7.47 |
| 10.0 | 1314 | 22.0 | | | 0.40 | 3.6 | | 7.7 | 8.1 | 96 | | 0.98 | 151 | | 12.21 | 19.97 | 7.47 |
| 11.0 | 1256 | 1.0 | | | 0.38 | 3.5 | | 7.9 | 8.4 | 100 | | 0.15 | 22 | 2.0 | 12.28 | 20.24 | 7.47 |
| 11.0 | 1256 | 2.0 | | | 0.39 | 3.6 | | 7.9 | 8.4 | 100 | | 0.14 | 20 | | 12.29 | 20.21 | 7.48 |
| 11.0 | 1256 | 3.0 | | | 0.39 | 3.6 | | 7.9 | 8.4 | 100 | | 0.14 | 21 | | 12.30 | 20.17 | 7.49 |
| 11.0 | 1256 | 4.0 | | | 0.39 | 3.6 | | 7.9 | 8.4 | 100 | | 0.15 | 22 | | 12.32 | 20.15 | 7.52 |
| 11.0 | 1256 | 5.0 | | | 0.39 | 3.6 | | 7.9 | 8.4 | 100 | | 0.15 | 22 | | 12.32 | 20.15 | 7.51 |
| 11.0 | 1256 | 6.0 | | | 0.40 | 3.6 | | 7.7 | 8.2 | 97 | | 0.15 | 22 | | 12.33 | 20.14 | 7.53 |
| 11.0 | 1256 | 7.0 | | | 0.39 | 3.6 | | 7.6 | 8.0 | 95 | | 0.15 | 22 | | 13.09 | 19.89 | 8.16 |
| 11.0 | 1256 | 8.0 | | | 0.39 | 3.6 | | 7.6 | 8.0 | 96 | | 0.38 | 58 | | 14.39 | 19.56 | 9.22 |
| 11.0 | 1256 | 9.0 | | | 0.40 | 3.7 | | 7.6 | 8.0 | 96 | | 0.65 | 100 | | 14.59 | 19.53 | 9.37 |
| 11.0 | 1256 | 10.0 | | | 0.40 | 3.7 | | 7.6 | 8.1 | 96 | | 0.81 | 125 | | 14.77 | 19.48 | 9.52 |
| 11.0 | 1256 | 11.0 | | | 0.41 | 3.7 | | 7.6 | 8.1 | 96 | | 0.86 | 133 | | 14.91 | 19.44 | 9.64 |
| 11.0 | 1256 | 12.0 | | | 0.41 | 3.7 | | 7.6 | 8.1 | 96 | | 0.86 | 132 | | 15.07 | 19.40 | 9.77 |
| 11.0 | 1256 | 13.0 | | | 0.40 | 3.6 | | 7.6 | 8.1 | 96 | | 0.85 | 131 | | 15.18 | 19.37 | 9.86 |
| 11.0 | 1256 | 14.0 | | | 0.39 | 3.6 | | 7.6 | 8.1 | 97 | | 0.85 | 131 | | 15.38 | 19.31 | 10.02 |
| 11.0 | 1256 | 15.0 | | | 0.39 | 3.6 | | 7.6 | 8.1 | 97 | | 0.86 | 132 | | 15.39 | 19.33 | 10.03 |
| 12.0 | 1241 | 1.0 | | | 0.54 | 4.7 | | 8.0 | 8.5 | 102 | | 0.14 | 21 | 1.9 | 14.72 | 19.80 | 9.41 |
| 12.0 | 1241 | 2.0 | | | 0.53 | 4.6 | | 7.9 | 8.4 | 101 | | 0.13 | 19 | | 14.75 | 19.76 | 9.44 |
| 12.0 | 1241 | 3.0 | | | 0.48 | 4.3 | | 7.7 | 8.2 | 98 | | 0.13 | 19 | | 14.89 | 19.63 | 9.58 |
| 12.0 | 1241 | 4.0 | | | 0.40 | 3.7 | | 7.4 | 7.9 | 94 | | 0.13 | 19 | | 15.62 | 19.31 | 10.21 |
| 12.0 | 1241 | 5.0 | | | 0.34 | 3.2 | | 7.3 | 7.7 | 92 | | 0.11 | 17 | | 17.05 | 18.94 | 11.37 |
| 12.0 | 1241 | 6.0 | | | 0.32 | 3.1 | | 7.2 | 7.6 | 91 | | 0.12 | 18 | | 17.82 | 18.65 | 12.02 |
| 12.0 | 1241 | 7.0 | | | 0.34 | 3.2 | | 7.2 | 7.7 | 91 | | 0.45 | 68 | | 19.17 | 18.28 | 13.13 |
| 12.0 | 1241 | 8.0 | | | 0.36 | 3.3 | | 7.2 | 7.7 | 92 | | 0.74 | 114 | | 19.39 | 18.23 | 13.31 |
| 12.0 | 1241 | 9.0 | | | 0.37 | 3.4 | | 7.3 | 7.7 | 92 | | 0.93 | 144 | | 19.51 | 18.19 | 13.41 |
| 12.0 | 1241 | 10.0 | | | 0.37 | 3.4 | | 7.3 | 7.8 | 93 | | 1.04 | 160 | | 19.52 | 18.19 | 13.42 |
| 13.0 | 1221 | 1.0 | | | 0.43 | 3.9 | | 7.7 | 8.2 | 99 | | 0.11 | 16 | 1.8 | 18.30 | 18.71 | 12.37 |
| 13.0 | 1221 | 2.0 | 4.9 | 0.79 | 0.42 | 3.8 | 8.1 | 7.4 | 7.8 | 93 | 18.1 | 0.11 | 15 | | 18.83 | 18.45 | 12.83 |
| 13.0 | 1221 | 3.0 | | | 0.35 | 3.3 | | 7.2 | 7.6 | 91 | | 0.13 | 18 | | 19.98 | 17.97 | 13.81 |
| 13.0 | 1221 | 4.0 | | | 0.30 | 2.9 | | 7.2 | 7.6 | 91 | | 0.24 | 37 | | 21.03 | 17.61 | 14.70 |
| 13.0 | 1221 | 5.0 | | | 0.29 | 2.8 | | 7.2 | 7.6 | 91 | | 0.34 | 52 | | 21.12 | 17.60 | 14.76 |
| 13.0 | 1221 | 6.0 | | | 0.30 | 2.9 | | 7.2 | 7.7 | 91 | | 0.45 | 69 | | 21.27 | 17.58 | 14.89 |
| 13.0 | 1221 | 7.0 | | | 0.33 | 3.1 | | 7.2 | 7.7 | 92 | | 1.06 | 163 | | 21.33 | 17.57 | 14.93 |
| 13.0 | 1221 | 8.0 | | | 0.35 | 3.3 | | 7.2 | 7.7 | 92 | | 1.18 | 183 | | 21.33 | 17.57 | 14.93 |
| 13.0 | 1221 | 9.0 | | | 0.37 | 3.4 | | 7.2 | 7.7 | 92 | | 1.31 | 202 | | 21.33 | 17.56 | 14.93 |
| 13.0 | 1221 | 10.0 | 3.0 | 0.33 | 0.36 | 3.4 | | 7.3 | 7.7 | 92 | | 1.47 | 227 | | 21.33 | 17.57 | 14.93 |

North San Francisco Bay July 21, 1998 98202

| 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 | 1206 | 1.0 | | | 0.37 | 3.4 | | 7.5 | 7.9 | 96 | | 0.10 | 15 | 1.6 | 18.47 | 18.97 | 12.45 |
| 14.0 | 1206 | 2.0 | | | 0.35 | 3.2 | | 7.4 | 7.8 | 93 | | 0.10 | 14 | | 19.59 | 18.26 | 13.45 |
| 14.0 | 1206 | 3.0 | | | 0.30 | 2.9 | | 7.3 | 7.8 | 93 | | 0.10 | 14 | | 20.02 | 18.02 | 13.84 |
| 14.0 | 1206 | 4.0 | | | 0.27 | 2.7 | | 7.2 | 7.7 | 92 | | 0.11 | 16 | | 20.28 | 17.87 | 14.07 |
| 14.0 | 1206 | 5.0 | | | 0.26 | 2.6 | | 7.2 | 7.7 | 91 | | 0.14 | 21 | | 20.84 | 17.62 | 14.55 |
| 14.0 | 1206 | 6.0 | | | 0.26 | 2.6 | | 7.2 | 7.6 | 91 | | 0.18 | 26 | | 21.23 | 17.52 | 14.87 |
| 14.0 | 1206 | 7.0 | | | 0.26 | 2.6 | | 7.2 | 7.6 | 91 | | 0.19 | 29 | | 21.43 | 17.46 | 15.03 |
| 14.0 | 1206 | 8.0 | | | 0.27 | 2.7 | | 7.2 | 7.6 | 91 | | 0.25 | 38 | | 21.62 | 17.41 | 15.19 |
| 14.0 | 1206 | 9.0 | | | 0.29 | 2.8 | | 7.2 | 7.6 | 91 | | 0.50 | 77 | | 21.77 | 17.36 | 15.31 |
| 14.0 | 1206 | 10.0 | | | 0.31 | 3.0 | | 7.2 | 7.7 | 91 | | 0.66 | 101 | | 21.82 | 17.35 | 15.36 |
| 14.0 | 1206 | 11.0 | | | 0.31 | 3.0 | | 7.2 | 7.7 | 91 | | 0.73 | 112 | | 21.84 | 17.34 | 15.37 |
| 14.0 | 1206 | 12.0 | | | 0.31 | 3.0 | | 7.2 | 7.7 | 91 | | 0.72 | 111 | | 21.85 | 17.33 | 15.38 |
| 14.0 | 1206 | 13.0 | | | 0.32 | 3.0 | | 7.2 | 7.7 | 91 | | 0.78 | 120 | | 21.85 | 17.33 | 15.38 |
| 14.0 | 1206 | 14.0 | | | 0.32 | 3.0 | | 7.2 | 7.7 | 92 | | 0.81 | 125 | | 21.87 | 17.32 | 15.40 |
| 15.0 | 1149 | 2.0 | 3.5 | 0.77 | 0.46 | 4.1 | 8.0 | 7.5 | 8.0 | 96 | 17.3 | 0.11 | 16 | 1.7 | 20.31 | 18.26 | 14.00 |
| 15.0 | 1149 | 3.0 | | | 0.46 | 4.1 | | 7.4 | 7.8 | 94 | | 0.11 | 16 | | 20.54 | 18.06 | 14.23 |
| 15.0 | 1149 | 4.0 | | | 0.44 | 3.9 | | 7.4 | 7.9 | 94 | | 0.11 | 16 | | 20.93 | 17.75 | 14.58 |
| 15.0 | 1149 | 5.0 | | | 0.43 | 3.9 | | 7.4 | 7.9 | 94 | | 0.10 | 15 | | 21.06 | 17.66 | 14.70 |
| 15.0 | 1149 | 6.0 | | | 0.42 | 3.8 | | 7.4 | 7.9 | 94 | | 0.10 | 14 | | 21.12 | 17.61 | 14.76 |
| 15.0 | 1149 | 7.0 | | | 0.41 | 3.7 | | 7.4 | 7.9 | 94 | | 0.10 | 15 | | 21.14 | 17.61 | 14.77 |
| 15.0 | 1149 | 8.0 | | | 0.40 | 3.7 | | 7.4 | 7.9 | 94 | | 0.11 | 16 | | 21.24 | 17.58 | 14.86 |
| 15.0 | 1149 | 9.0 | | | 0.40 | 3.7 | | 7.4 | 7.9 | 94 | | 0.11 | 16 | | 21.39 | 17.53 | 14.98 |
| 15.0 | 1149 | 10.0 | | | 0.39 | 3.6 | | 7.2 | 7.7 | 91 | | 0.12 | 17 | | 21.63 | 17.49 | 15.18 |
| 15.0 | 1149 | 11.0 | | | 0.35 | 3.3 | | 7.0 | 7.4 | 88 | | 0.11 | 16 | | 22.25 | 17.25 | 15.71 |
| 15.0 | 1149 | 12.0 | | | 0.32 | 3.0 | | 6.9 | 7.3 | 87 | | 0.12 | 17 | | 23.37 | 16.76 | 16.67 |
| 15.0 | 1149 | 13.0 | | | 0.31 | 3.0 | | 7.0 | 7.4 | 88 | | 0.16 | 24 | | 23.92 | 16.53 | 17.14 |
| 15.0 | 1149 | 14.0 | | | 0.30 | 2.9 | | 7.0 | 7.4 | 88 | | 0.22 | 34 | | 24.00 | 16.50 | 17.20 |
| 15.0 | 1149 | 15.0 | | | 0.29 | 2.8 | | 6.9 | 7.4 | 87 | | 0.27 | 41 | | 24.06 | 16.47 | 17.25 |
| 15.0 | 1149 | 16.0 | | | 0.30 | 2.9 | | 7.0 | 7.4 | 88 | | 0.35 | 54 | | 24.35 | 16.34 | 17.50 |
| 15.0 | 1149 | 17.0 | | | 0.30 | 2.9 | | 7.0 | 7.4 | 88 | | 0.42 | 64 | | 24.39 | 16.32 | 17.54 |
| 15.0 | 1149 | 18.0 | | | 0.30 | 2.9 | | 7.0 | 7.4 | 88 | | 0.47 | 71 | | 24.41 | 16.32 | 17.55 |
| 15.0 | 1149 | 19.0 | | | 0.31 | 3.0 | | 7.1 | 7.5 | 89 | | 0.49 | 75 | | 24.42 | 16.31 | 17.56 |
| 15.0 | 1149 | 20.0 | | | 0.31 | 2.9 | | 7.0 | 7.5 | 88 | | 0.49 | 75 | | 24.43 | 16.31 | 17.57 |
| 15.0 | 1149 | 21.0 | | | 0.31 | 2.9 | | 7.0 | 7.4 | 88 | | 0.50 | 77 | | 24.43 | 16.31 | 17.58 |
| 15.0 | 1149 | 22.0 | | | 0.31 | 3.0 | | 7.0 | 7.4 | 88 | | 0.51 | 78 | | 24.45 | 16.30 | 17.59 |
| 15.0 | 1149 | 23.0 | 2.3 | 0.26 | 0.31 | 3.0 | | 7.0 | 7.4 | 88 | | 0.56 | 86 | | 24.45 | 16.30 | 17.59 |
| 16.0 | 1125 | 1.0 | | | 0.34 | 3.2 | | 6.9 | 7.4 | 87 | | 0.07 | 10 | 1.1 | 24.21 | 16.47 | 17.37 |
| 16.0 | 1125 | 2.0 | | | 0.32 | 3.1 | | 6.8 | 7.2 | 85 | | 0.07 | 10 | | 25.06 | 15.99 | 18.12 |
| 16.0 | 1125 | 3.0 | | | 0.29 | 2.8 | | 6.7 | 7.1 | 83 | | 0.07 | 9 | | 26.08 | 15.49 | 19.01 |
| 16.0 | 1125 | 4.0 | | | 0.29 | 2.8 | | 6.6 | 7.0 | 82 | | 0.07 | 9 | | 26.76 | 15.20 | 19.59 |
| 16.0 | 1125 | 5.0 | | | 0.29 | 2.8 | | 6.6 | 7.0 | 82 | | 0.08 | 12 | | 27.19 | 15.07 | 19.94 |

North San Francisco Bay | July 21, 1998 | 98202

| 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 | 1125 | 6.0 | | | 0.29 | 2.8 | | 6.6 | 7.0 | 83 | | 0.12 | 18 | | 27.25 | 15.08 | 19.99 |
| 16.0 | 1125 | 7.0 | | | 0.30 | 2.9 | | 6.7 | 7.1 | 83 | | 0.13 | 19 | | 27.24 | 15.08 | 19.98 |
| 16.0 | 1125 | 8.0 | | | 0.31 | 3.0 | | 6.7 | 7.1 | 83 | | 0.15 | 22 | | 27.25 | 15.08 | 19.99 |
| 16.0 | 1125 | 9.0 | | | 0.33 | 3.1 | | 6.7 | 7.1 | 83 | | 0.17 | 26 | | 27.26 | 15.08 | 20.00 |
| 16.0 | 1125 | 10.0 | | | 0.34 | 3.2 | | 6.7 | 7.1 | 83 | | 0.17 | 25 | | 27.26 | 15.08 | 20.00 |
| 16.0 | 1125 | 11.0 | | | 0.34 | 3.2 | | 6.7 | 7.1 | 84 | | 0.18 | 26 | | 27.26 | 15.08 | 20.00 |
| 16.0 | 1125 | 12.0 | | | 0.33 | 3.1 | | 6.7 | 7.1 | 84 | | 0.19 | 28 | | 27.25 | 15.09 | 19.99 |
| 16.0 | 1125 | 13.0 | | | 0.32 | 3.1 | | 6.7 | 7.1 | 84 | | 0.20 | 29 | | 27.24 | 15.10 | 19.98 |
| 17.0 | 1105 | 1.0 | | | 0.31 | 3.0 | | 6.8 | 7.2 | 85 | | 0.06 | 8 | 1.0 | 24.77 | 16.23 | 17.85 |
| 17.0 | 1105 | 2.0 | | | 0.30 | 2.9 | | 6.6 | 6.9 | 82 | | 0.06 | 8 | | 26.25 | 15.56 | 19.13 |
| 17.0 | 1105 | 3.0 | | | 0.31 | 2.9 | | 6.6 | 7.0 | 82 | | 0.06 | 8 | | 27.13 | 15.13 | 19.89 |
| 17.0 | 1105 | 4.0 | | | 0.30 | 2.9 | | 6.5 | 6.9 | 81 | | 0.06 | 8 | | 27.30 | 15.04 | 20.03 |
| 17.0 | 1105 | 5.0 | | | 0.31 | 3.0 | | 6.5 | 6.9 | 81 | | 0.06 | 9 | | 27.51 | 14.93 | 20.22 |
| 17.0 | 1105 | 6.0 | | | 0.32 | 3.0 | | 6.5 | 6.8 | 80 | | 0.06 | 9 | | 27.92 | 14.72 | 20.58 |
| 17.0 | 1105 | 7.0 | | | 0.32 | 3.0 | | 6.5 | 6.8 | 80 | | 0.06 | 8 | | 28.27 | 14.52 | 20.89 |
| 17.0 | 1105 | 8.0 | | | 0.33 | 3.1 | | 6.5 | 6.9 | 80 | | 0.07 | 10 | | 28.51 | 14.39 | 21.10 |
| 17.0 | 1105 | 9.0 | | | 0.35 | 3.3 | | 6.5 | 6.9 | 81 | | 0.11 | 16 | | 28.66 | 14.31 | 21.23 |
| 17.0 | 1105 | 10.0 | | | 0.40 | 3.7 | | 6.5 | 6.9 | 81 | | 0.15 | 23 | | 28.71 | 14.28 | 21.28 |
| 17.0 | 1105 | 11.0 | | | 0.44 | 3.9 | | 6.6 | 6.9 | 81 | | 0.20 | 30 | | 28.72 | 14.27 | 21.28 |
| 17.0 | 1105 | 12.0 | | | 0.43 | 3.9 | | 6.6 | 7.0 | 81 | | 0.19 | 28 | | 28.71 | 14.28 | 21.28 |
| 17.0 | 1105 | 13.0 | | | 0.43 | 3.9 | | 6.6 | 7.0 | 81 | | 0.20 | 30 | | 28.71 | 14.28 | 21.28 |
| 18.0 | 1045 | 1.0 | | | 0.39 | 3.5 | | 6.4 | 6.8 | 79 | | 0.05 | 6 | 0.8 | 29.51 | 13.71 | 22.01 |
| 18.0 | 1045 | 2.0 | 4.3 | 0.49 | 0.40 | 3.7 | 6.7 | 6.5 | 6.8 | 79 | 10.1 | 0.05 | 6 | | 29.50 | 13.72 | 22.00 |
| 18.0 | 1045 | 3.0 | | | 0.41 | 3.7 | | 6.5 | 6.8 | 79 | | 0.05 | 6 | | 29.50 | 13.72 | 22.00 |
| 18.0 | 1045 | 4.0 | | | 0.44 | 3.9 | | 6.4 | 6.8 | 79 | | 0.05 | 6 | | 29.50 | 13.71 | 22.00 |
| 18.0 | 1045 | 5.0 | | | 0.43 | 3.9 | | 6.4 | 6.8 | 79 | | 0.05 | 6 | | 29.50 | 13.71 | 22.00 |
| 18.0 | 1045 | 6.0 | | | 0.41 | 3.7 | | 6.5 | 6.8 | 79 | | 0.05 | 6 | | 29.50 | 13.71 | 22.00 |
| 18.0 | 1045 | 7.0 | | | 0.40 | 3.6 | | 6.5 | 6.8 | 79 | | 0.05 | 7 | | 29.51 | 13.71 | 22.00 |
| 18.0 | 1045 | 8.0 | | | 0.40 | 3.7 | | 6.5 | 6.9 | 80 | | 0.05 | 7 | | 29.51 | 13.71 | 22.00 |
| 18.0 | 1045 | 9.0 | | | 0.41 | 3.7 | | 6.5 | 6.9 | 80 | | 0.05 | 7 | | 29.50 | 13.71 | 22.00 |
| 18.0 | 1045 | 10.0 | | | 0.43 | 3.8 | | 6.5 | 6.8 | 79 | | 0.05 | 7 | | 29.51 | 13.71 | 22.01 |
| 18.0 | 1045 | 11.0 | | | 0.42 | 3.8 | | 6.5 | 6.9 | 80 | | 0.06 | 8 | | 29.52 | 13.70 | 22.01 |
| 18.0 | 1045 | 12.0 | | | 0.43 | 3.9 | | 6.5 | 6.9 | 80 | | 0.06 | 8 | | 29.52 | 13.70 | 22.02 |
| 18.0 | 1045 | 13.0 | | | 0.45 | 4.0 | | 6.5 | 6.9 | 80 | | 0.06 | 8 | | 29.52 | 13.70 | 22.01 |
| 18.0 | 1045 | 14.0 | | | 0.43 | 3.9 | | 6.5 | 6.9 | 80 | | 0.06 | 8 | | 29.50 | 13.71 | 22.00 |
| 18.0 | 1045 | 15.0 | | | 0.45 | 4.0 | | 6.5 | 6.9 | 80 | | 0.07 | 9 | | 29.52 | 13.70 | 22.01 |
| 18.0 | 1045 | 16.0 | | | 0.45 | 4.0 | | 6.5 | 6.9 | 80 | | 0.06 | 9 | | 29.52 | 13.70 | 22.02 |
| 18.0 | 1045 | 17.0 | | | 0.45 | 4.0 | | 6.5 | 6.9 | 80 | | 0.06 | 9 | | 29.53 | 13.69 | 22.03 |
| 18.0 | 1045 | 18.0 | | | 0.46 | 4.1 | | 6.5 | 6.9 | 80 | | 0.06 | 9 | | 29.53 | 13.69 | 22.03 |
| 18.0 | 1045 | 19.0 | | | 0.47 | 4.2 | | 6.5 | 6.9 | 80 | | 0.06 | 9 | | 29.55 | 13.68 | 22.05 |
| 18.0 | 1045 | 20.0 | | | 0.49 | 4.3 | | 6.5 | 6.9 | 80 | | 0.06 | 9 | | 29.54 | 13.69 | 22.04 |

North San Francisco Bay | July 21, 1998 | 98202

| 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 | 1045 | 21.0 | | | 0.49 | 4.3 | | 6.5 | 6.9 | 80 | | 0.06 | 8 | | 29.55 | 13.68 | 22.04 |
| 18.0 | 1045 | 22.0 | | | 0.45 | 4.0 | | 6.5 | 6.9 | 80 | | 0.06 | 9 | | 29.57 | 13.66 | 22.06 |
| 18.0 | 1045 | 23.0 | | | 0.44 | 4.0 | | 6.5 | 6.9 | 80 | | 0.06 | 8 | | 29.57 | 13.66 | 22.06 |
| 18.0 | 1045 | 24.0 | | | 0.46 | 4.1 | | 6.4 | 6.8 | 79 | | 0.06 | 8 | | 29.60 | 13.64 | 22.09 |
| 18.0 | 1045 | 25.0 | | | 0.47 | 4.2 | | 6.4 | 6.8 | 78 | | 0.07 | 10 | | 29.82 | 13.48 | 22.29 |
| 18.0 | 1045 | 26.0 | | | 0.48 | 4.2 | | 6.4 | 6.8 | 78 | | 0.07 | 10 | | 29.96 | 13.38 | 22.42 |
| 18.0 | 1045 | 27.0 | | | 0.47 | 4.2 | | 6.4 | 6.8 | 78 | | 0.08 | 10 | | 30.02 | 13.34 | 22.47 |
| 18.0 | 1045 | 28.0 | | | 0.48 | 4.3 | | 6.4 | 6.8 | 78 | | 0.08 | 10 | | 30.03 | 13.33 | 22.49 |
| 18.0 | 1045 | 29.0 | | | 0.51 | 4.5 | | 6.4 | 6.8 | 78 | | 0.08 | 11 | | 30.06 | 13.31 | 22.51 |
| 18.0 | 1045 | 30.0 | | | 0.53 | 4.7 | | 6.4 | 6.8 | 78 | | 0.08 | 11 | | 30.08 | 13.30 | 22.52 |
| 18.0 | 1045 | 31.0 | | | 0.54 | 4.7 | | 6.4 | 6.8 | 78 | | 0.08 | 11 | | 30.07 | 13.31 | 22.52 |
| 18.0 | 1045 | 32.0 | | | 0.51 | 4.5 | | 6.4 | 6.7 | 78 | | 0.08 | 12 | | 30.08 | 13.30 | 22.53 |
| 18.0 | 1045 | 33.0 | | | 0.49 | 4.3 | | 6.4 | 6.8 | 78 | | 0.09 | 12 | | 30.12 | 13.27 | 22.57 |
| 18.0 | 1045 | 34.0 | | | 0.50 | 4.4 | | 6.4 | 6.7 | 78 | | 0.09 | 12 | | 30.13 | 13.27 | 22.57 |
| 18.0 | 1045 | 35.0 | | | 0.50 | 4.4 | | 6.4 | 6.8 | 78 | | 0.09 | 12 | | 30.13 | 13.27 | 22.58 |
| 18.0 | 1045 | 36.0 | | | 0.47 | 4.2 | | 6.4 | 6.8 | 78 | | 0.09 | 12 | | 30.14 | 13.26 | 22.58 |
| 18.0 | 1045 | 37.0 | | | 0.49 | 4.4 | | 6.4 | 6.8 | 78 | | 0.09 | 13 | | 30.14 | 13.26 | 22.58 |
| 18.0 | 1045 | 38.0 | | | 0.50 | 4.4 | | 6.4 | 6.8 | 78 | | 0.09 | 13 | | 30.14 | 13.26 | 22.58 |
| 18.0 | 1045 | 39.0 | | | 0.49 | 4.3 | | 6.3 | 6.7 | 77 | | 0.10 | 14 | | 30.14 | 13.26 | 22.58 |
| 18.0 | 1045 | 40.0 | 3.8 | 0.55 | 0.50 | 4.4 | | 6.3 | 6.7 | 77 | | 0.10 | 14 | | 30.14 | 13.26 | 22.58 |
| 20.0 | 1022 | 1.0 | | | 0.34 | 3.2 | | 6.8 | 7.2 | 84 | | 0.03 | 4 | 0.7 | 28.24 | 14.62 | 20.84 |
| 20.0 | 1022 | 2.0 | | | 0.35 | 3.3 | | 6.7 | 7.1 | 84 | | 0.03 | 4 | | 28.24 | 14.62 | 20.85 |
| 20.0 | 1022 | 3.0 | | | 0.37 | 3.4 | | 6.6 | 7.0 | 82 | | 0.03 | 4 | | 28.30 | 14.57 | 20.90 |
| 20.0 | 1022 | 4.0 | | | 0.37 | 3.4 | | 6.6 | 7.0 | 81 | | 0.04 | 5 | | 28.80 | 14.22 | 21.36 |
| 20.0 | 1022 | 5.0 | | | 0.37 | 3.4 | | 6.6 | 7.0 | 81 | | 0.04 | 5 | | 28.90 | 14.17 | 21.45 |
| 20.0 | 1022 | 6.0 | | | 0.39 | 3.6 | | 6.6 | 7.0 | 81 | | 0.04 | 5 | | 28.86 | 14.19 | 21.41 |
| 20.0 | 1022 | 7.0 | | | 0.41 | 3.7 | | 6.6 | 6.9 | 81 | | 0.04 | 5 | | 28.90 | 14.15 | 21.45 |
| 20.0 | 1022 | 8.0 | | | 0.43 | 3.9 | | 6.6 | 6.9 | 81 | | 0.04 | 6 | | 29.05 | 14.06 | 21.58 |
| 20.0 | 1022 | 9.0 | | | 0.44 | 3.9 | | 6.6 | 7.0 | 81 | | 0.05 | 6 | | 29.06 | 14.06 | 21.59 |
| 20.0 | 1022 | 10.0 | | | 0.41 | 3.7 | | 6.6 | 7.0 | 81 | | 0.05 | 6 | | 29.04 | 14.07 | 21.58 |
| 20.0 | 1022 | 11.0 | | | 0.38 | 3.5 | | 6.6 | 7.0 | 81 | | 0.05 | 6 | | 29.03 | 14.07 | 21.56 |
| 20.0 | 1022 | 12.0 | | | 0.39 | 3.6 | | 6.6 | 7.0 | 81 | | 0.05 | 6 | | 29.03 | 14.07 | 21.57 |
| 20.0 | 1022 | 13.0 | | | 0.40 | 3.6 | | 6.6 | 7.0 | 81 | | 0.05 | 6 | | 29.05 | 14.06 | 21.58 |
| 20.0 | 1022 | 14.0 | | | 0.40 | 3.6 | | 6.6 | 7.0 | 81 | | 0.05 | 6 | | 29.06 | 14.05 | 21.59 |
| 20.0 | 1022 | 15.0 | | | 0.41 | 3.7 | | 6.6 | 7.0 | 81 | | 0.05 | 6 | | 29.10 | 14.02 | 21.63 |
| 20.0 | 1022 | 16.0 | | | 0.40 | 3.7 | | 6.6 | 7.0 | 81 | | 0.05 | 6 | | 29.11 | 14.02 | 21.64 |
| 20.0 | 1022 | 17.0 | | | 0.40 | 3.7 | | 6.6 | 7.0 | 81 | | 0.05 | 6 | | 29.11 | 14.02 | 21.64 |
| 20.0 | 1022 | 18.0 | | | 0.41 | 3.7 | | 6.6 | 7.0 | 81 | | 0.05 | 6 | | 29.11 | 14.02 | 21.64 |
| 20.0 | 1022 | 19.0 | | | 0.40 | 3.7 | | 6.6 | 7.0 | 81 | | 0.05 | 6 | | 29.11 | 14.02 | 21.64 |
| 20.0 | 1022 | 20.0 | | | 0.44 | 4.0 | | 6.6 | 7.0 | 81 | | 0.05 | 6 | | 29.10 | 14.03 | 21.63 |
| 20.0 | 1022 | 21.0 | | | 0.46 | 4.1 | | 6.6 | 7.0 | 81 | | 0.05 | 6 | | 29.10 | 14.03 | 21.63 |
| 20.0 | 1022 | 22.0 | | | 0.42 | 3.8 | | 6.6 | 7.0 | 81 | | 0.05 | 6 | | 29.10 | 14.02 | 21.63 |

North San Francisco Bay July 21, 1998 98202

| 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 | 1022 | 23.0 | | | 0.42 | 3.8 | | 6.6 | 7.0 | 81 | | 0.05 | 6 | | 29.09 | 14.03 | 21.62 |
| 20.0 | 1022 | 24.0 | | | 0.44 | 4.0 | | 6.6 | 7.0 | 81 | | 0.05 | 6 | | 29.05 | 14.06 | 21.59 |
| 20.0 | 1022 | 25.0 | | | 0.43 | 3.9 | | 6.6 | 7.0 | 82 | | 0.05 | 6 | | 29.05 | 14.06 | 21.58 |
| 20.0 | 1022 | 26.0 | | | 0.41 | 3.8 | | 6.6 | 7.0 | 81 | | 0.05 | 7 | | 29.07 | 14.05 | 21.60 |
| 20.0 | 1022 | 27.0 | | | 0.41 | 3.7 | | 6.6 | 7.0 | 81 | | 0.06 | 8 | | 29.04 | 14.06 | 21.58 |
| 20.0 | 1022 | 28.0 | | | 0.42 | 3.8 | | 6.6 | 7.0 | 81 | | 0.08 | 12 | | 29.03 | 14.07 | 21.57 |

| | n | r^2 | Slope | Inter. | Std. Err. |
|---|---|---|---|---|---|
| Fluorometer Calibration: | 16 | 0.502 | 7.649 | 0.596 | 0.526 |
| OBS Calibration: | 8 | 0.989 | 155.762 | -1.232 | 3.339 |
| Dissolved Oxygen Calibration: | 8 | 0.889 | 1.078 | -0.128 | 0.205 |

SeaBird v4.026

South San Francisco Bay July 21, 1998 98202

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 34.0 | 0613 | 1.0 | | | 1.38 | 12.3 | | 5.7 | 5.5 | 70 | | 1.65 | 411 | | 15.57 | 22.87 | 9.30 |
| 34.0 | 0613 | 2.0 | | | 1.38 | 12.3 | | 5.7 | 5.6 | 71 | | 1.66 | 415 | | 15.68 | 22.88 | 9.38 |
| 34.0 | 0613 | 3.0 | | | 1.37 | 12.2 | | 5.7 | 5.5 | 70 | | 1.63 | 406 | | 15.72 | 22.86 | 9.42 |
| 34.0 | 0613 | 4.0 | | | 1.35 | 12.0 | | 5.9 | 5.7 | 73 | | 1.61 | 400 | | 15.91 | 22.73 | 9.59 |
| 34.0 | 0613 | 5.0 | | | 1.35 | 12.0 | | 5.8 | 5.6 | 72 | | 1.65 | 412 | | 16.02 | 22.75 | 9.67 |
| 32.0 | 0640 | 1.0 | | | 0.77 | 6.4 | | 6.4 | 6.5 | 85 | | 0.33 | 75 | | 17.93 | 23.13 | 11.01 |
| 32.0 | 0640 | 2.0 | 8.0 | 0.80 | 0.77 | 6.5 | 6.6 | 6.4 | 6.7 | 87 | 78.0 | 0.32 | 75 | | 17.97 | 23.18 | 11.02 |
| 32.0 | 0640 | 3.0 | | | 0.73 | 6.0 | | 6.5 | 6.7 | 87 | | 0.32 | 74 | | 18.49 | 23.22 | 11.41 |
| 32.0 | 0640 | 4.0 | | | 0.72 | 5.9 | | 6.4 | 6.6 | 86 | | 0.34 | 77 | | 18.79 | 23.03 | 11.69 |
| 32.0 | 0640 | 5.0 | | | 0.74 | 6.2 | | 6.4 | 6.6 | 85 | | 0.44 | 103 | | 18.79 | 22.98 | 11.69 |
| 32.0 | 0640 | 6.0 | | | 0.79 | 6.6 | | 6.4 | 6.5 | 85 | | 0.56 | 134 | | 18.84 | 22.90 | 11.76 |
| 32.0 | 0640 | 7.0 | | | 0.82 | 6.9 | | 6.4 | 6.6 | 85 | | 0.68 | 164 | | 18.99 | 22.73 | 11.91 |
| 32.0 | 0640 | 8.0 | | | 0.80 | 6.7 | | 6.4 | 6.6 | 86 | | 0.79 | 192 | | 19.08 | 22.65 | 12.01 |
| 32.0 | 0640 | 9.0 | | | 0.77 | 6.4 | | 6.4 | 6.6 | 86 | | 0.90 | 221 | | 19.13 | 22.61 | 12.05 |
| 32.0 | 0640 | 10.0 | | | 0.75 | 6.2 | | 6.4 | 6.6 | 86 | | 0.98 | 240 | | 19.15 | 22.57 | 12.08 |
| 32.0 | 0640 | 11.0 | 6.0 | 0.48 | 0.75 | 6.2 | | 6.5 | 6.7 | 87 | | 1.05 | 258 | | 19.24 | 22.47 | 12.17 |
| 30.0 | 0708 | 1.0 | | | 0.51 | 3.9 | | 6.9 | 7.4 | 96 | | 0.19 | 40 | 2.6 | 19.92 | 22.39 | 12.70 |
| 30.0 | 0708 | 2.0 | 3.3 | 0.71 | 0.50 | 3.8 | 7.6 | 6.9 | 7.4 | 95 | 24.4 | 0.16 | 33 | | 19.90 | 22.39 | 12.69 |
| 30.0 | 0708 | 3.0 | | | 0.52 | 4.0 | | 6.9 | 7.4 | 96 | | 0.16 | 32 | | 19.92 | 22.36 | 12.71 |
| 30.0 | 0708 | 4.0 | | | 0.57 | 4.5 | | 7.0 | 7.5 | 97 | | 0.18 | 37 | | 20.05 | 22.29 | 12.83 |
| 30.0 | 0708 | 5.0 | | | 0.59 | 4.7 | | 7.0 | 7.5 | 97 | | 0.23 | 51 | | 20.04 | 22.31 | 12.81 |
| 30.0 | 0708 | 6.0 | | | 0.61 | 4.9 | | 7.0 | 7.5 | 97 | | 0.25 | 56 | | 20.05 | 22.28 | 12.83 |
| 30.0 | 0708 | 7.0 | | | 0.62 | 5.0 | | 7.0 | 7.5 | 97 | | 0.28 | 63 | | 20.06 | 22.27 | 12.84 |
| 30.0 | 0708 | 8.0 | | | 0.63 | 5.1 | | 6.9 | 7.3 | 95 | | 0.35 | 81 | | 20.07 | 22.25 | 12.85 |
| 30.0 | 0708 | 9.0 | | | 0.63 | 5.0 | | 6.9 | 7.4 | 96 | | 0.39 | 91 | | 20.24 | 21.97 | 13.06 |
| 30.0 | 0708 | 10.0 | | | 0.62 | 4.9 | | 7.0 | 7.5 | 97 | | 0.42 | 99 | | 20.32 | 21.85 | 13.14 |
| 30.0 | 0708 | 11.0 | | | 0.61 | 4.9 | | 7.0 | 7.5 | 97 | | 0.42 | 99 | | 20.33 | 21.84 | 13.15 |
| 30.0 | 0708 | 12.0 | 3.3 | 0.54 | 0.61 | 4.9 | | 7.0 | 7.6 | 97 | | 0.42 | 98 | | 20.32 | 21.85 | 13.14 |
| 29.0 | 0737 | 1.0 | | | 0.37 | 2.5 | | 6.9 | 7.3 | 94 | | 0.15 | 31 | 1.8 | 20.53 | 21.89 | 13.29 |
| 29.0 | 0737 | 2.0 | | | 0.37 | 2.6 | | 6.9 | 7.3 | 95 | | 0.15 | 30 | | 20.54 | 21.88 | 13.30 |
| 29.0 | 0737 | 3.0 | | | 0.37 | 2.6 | | 6.9 | 7.3 | 94 | | 0.15 | 30 | | 20.55 | 21.87 | 13.31 |
| 29.0 | 0737 | 4.0 | | | 0.37 | 2.5 | | 6.9 | 7.3 | 94 | | 0.15 | 31 | | 20.60 | 21.80 | 13.37 |
| 29.0 | 0737 | 5.0 | | | 0.37 | 2.5 | | 6.9 | 7.3 | 95 | | 0.15 | 30 | | 20.65 | 21.69 | 13.44 |
| 29.0 | 0737 | 6.0 | | | 0.38 | 2.6 | | 6.9 | 7.4 | 95 | | 0.15 | 29 | | 20.73 | 21.58 | 13.53 |
| 29.0 | 0737 | 7.0 | | | 0.39 | 2.7 | | 7.0 | 7.5 | 96 | | 0.15 | 29 | | 20.81 | 21.49 | 13.60 |
| 29.0 | 0737 | 8.0 | | | 0.40 | 2.8 | | 7.0 | 7.5 | 96 | | 0.15 | 31 | | 20.84 | 21.46 | 13.64 |
| 29.0 | 0737 | 9.0 | | | 0.40 | 2.9 | | 7.0 | 7.6 | 97 | | 0.16 | 32 | | 20.85 | 21.44 | 13.65 |
| 29.0 | 0737 | 10.0 | | | 0.41 | 3.0 | | 7.0 | 7.6 | 97 | | 0.17 | 35 | | 20.87 | 21.41 | 13.67 |
| 29.0 | 0737 | 11.0 | | | 0.43 | 3.1 | | 7.1 | 7.6 | 97 | | 0.18 | 37 | | 20.89 | 21.37 | 13.70 |
| 29.0 | 0737 | 12.0 | | | 0.45 | 3.3 | | 7.0 | 7.6 | 97 | | 0.20 | 44 | | 20.92 | 21.32 | 13.73 |

South San Francisco Bay July 21, 1998 98202

| 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 | 0737 | 13.0 | | | 0.48 | 3.6 | | 7.1 | 7.7 | 98 | | 0.26 | 58 | | 21.04 | 21.14 | 13.87 |
| 29.0 | 0737 | 14.0 | | | 0.48 | 3.7 | | 7.2 | 7.8 | 99 | | 0.35 | 82 | | 21.18 | 20.98 | 14.02 |
| 27.0 | 0804 | 1.0 | | | 0.31 | 2.0 | | 7.1 | 7.7 | 99 | | 0.09 | 15 | 1.2 | 21.01 | 21.15 | 13.85 |
| 27.0 | 0804 | 2.0 | 1.5 | 0.59 | 0.31 | 2.0 | 7.6 | 7.1 | 7.7 | 99 | 14.2 | 0.08 | 13 | | 21.00 | 21.16 | 13.83 |
| 27.0 | 0804 | 3.0 | | | 0.31 | 2.0 | | 7.1 | 7.7 | 99 | | 0.08 | 13 | | 21.00 | 21.16 | 13.83 |
| 27.0 | 0804 | 4.0 | | | 0.31 | 2.0 | | 7.1 | 7.7 | 99 | | 0.08 | 12 | | 21.02 | 21.14 | 13.86 |
| 27.0 | 0804 | 5.0 | | | 0.31 | 1.9 | | 7.2 | 7.8 | 99 | | 0.08 | 13 | | 21.06 | 21.13 | 13.88 |
| 27.0 | 0804 | 6.0 | | | 0.31 | 1.9 | | 7.2 | 7.8 | 99 | | 0.09 | 15 | | 21.08 | 21.12 | 13.90 |
| 27.0 | 0804 | 7.0 | | | 0.31 | 2.0 | | 7.2 | 7.8 | 99 | | 0.11 | 20 | | 21.10 | 21.14 | 13.91 |
| 27.0 | 0804 | 8.0 | | | 0.33 | 2.1 | | 7.1 | 7.7 | 99 | | 0.23 | 50 | | 21.10 | 21.15 | 13.91 |
| 27.0 | 0804 | 9.0 | | | 0.33 | 2.2 | | 7.1 | 7.7 | 99 | | 0.28 | 63 | | 21.09 | 21.15 | 13.91 |
| 27.0 | 0804 | 10.0 | | | 0.35 | 2.3 | | 7.1 | 7.7 | 99 | | 0.34 | 79 | | 21.09 | 21.15 | 13.91 |
| 27.0 | 0804 | 11.0 | 1.6 | 0.24 | 0.35 | 2.3 | | 7.1 | 7.7 | 99 | | 0.41 | 97 | | 21.09 | 21.15 | 13.90 |
| 25.0 | 0834 | 1.0 | | | 0.29 | 1.8 | | 7.5 | 8.3 | 104 | | 0.07 | 11 | 1.0 | 22.74 | 19.50 | 15.56 |
| 25.0 | 0834 | 2.0 | | | 0.29 | 1.8 | | 7.6 | 8.4 | 105 | | 0.08 | 12 | | 22.74 | 19.49 | 15.56 |
| 25.0 | 0834 | 3.0 | | | 0.29 | 1.7 | | 7.6 | 8.4 | 105 | | 0.07 | 10 | | 22.74 | 19.50 | 15.56 |
| 25.0 | 0834 | 4.0 | | | 0.29 | 1.7 | | 7.6 | 8.4 | 105 | | 0.07 | 10 | | 22.74 | 19.50 | 15.56 |
| 25.0 | 0834 | 5.0 | | | 0.29 | 1.8 | | 7.6 | 8.4 | 105 | | 0.07 | 10 | | 22.74 | 19.50 | 15.56 |
| 25.0 | 0834 | 6.0 | | | 0.29 | 1.8 | | 7.6 | 8.4 | 106 | | 0.07 | 10 | | 22.74 | 19.50 | 15.56 |
| 25.0 | 0834 | 7.0 | | | 0.28 | 1.7 | | 7.6 | 8.4 | 105 | | 0.07 | 10 | | 22.74 | 19.50 | 15.56 |
| 25.0 | 0834 | 8.0 | | | 0.28 | 1.7 | | 7.6 | 8.4 | 105 | | 0.08 | 12 | | 22.74 | 19.50 | 15.56 |
| 24.0 | 0852 | 1.0 | | | 0.32 | 2.0 | | 7.4 | 8.2 | 101 | | 0.04 | 2 | 1.0 | 23.63 | 18.60 | 16.45 |
| 24.0 | 0852 | 2.0 | 2.9 | 0.77 | 0.30 | 1.8 | 8.1 | 7.3 | 8.0 | 99 | 5.3 | 0.04 | 2 | | 23.87 | 18.36 | 16.69 |
| 24.0 | 0852 | 3.0 | | | 0.27 | 1.6 | | 7.4 | 8.1 | 99 | | 0.05 | 4 | | 24.11 | 18.10 | 16.93 |
| 24.0 | 0852 | 4.0 | | | 0.26 | 1.5 | | 7.4 | 8.2 | 100 | | 0.07 | 9 | | 24.14 | 18.07 | 16.96 |
| 24.0 | 0852 | 5.0 | | | 0.25 | 1.4 | | 7.4 | 8.1 | 100 | | 0.08 | 11 | | 24.13 | 18.09 | 16.94 |
| 24.0 | 0852 | 6.0 | | | 0.25 | 1.4 | | 7.4 | 8.1 | 100 | | 0.08 | 11 | | 24.18 | 18.03 | 17.00 |
| 24.0 | 0852 | 7.0 | | | 0.25 | 1.4 | | 7.4 | 8.2 | 100 | | 0.09 | 14 | | 24.21 | 18.00 | 17.03 |
| 24.0 | 0852 | 8.0 | | | 0.25 | 1.4 | | 7.4 | 8.2 | 100 | | 0.09 | 16 | | 24.22 | 17.99 | 17.04 |
| 24.0 | 0852 | 9.0 | | | 0.25 | 1.4 | | 7.4 | 8.2 | 100 | | 0.10 | 19 | | 24.23 | 17.98 | 17.05 |
| 24.0 | 0852 | 10.0 | 1.3 | 0.35 | 0.25 | 1.4 | | 7.4 | 8.2 | 100 | | 0.11 | 20 | | 24.23 | 17.98 | 17.05 |
| 22.0 | 0933 | 1.0 | | | 0.32 | 2.0 | | 7.2 | 7.8 | 92 | | 0.06 | 8 | 1.0 | 23.91 | 16.70 | 17.09 |
| 22.0 | 0933 | 2.0 | | | 0.29 | 1.8 | | 7.1 | 7.6 | 91 | | 0.06 | 7 | | 24.72 | 16.53 | 17.75 |
| 22.0 | 0933 | 3.0 | | | 0.25 | 1.4 | | 7.0 | 7.6 | 90 | | 0.06 | 8 | | 25.16 | 16.44 | 18.10 |
| 22.0 | 0933 | 4.0 | | | 0.24 | 1.3 | | 7.0 | 7.6 | 90 | | 0.07 | 10 | | 25.26 | 16.43 | 18.18 |
| 22.0 | 0933 | 5.0 | | | 0.24 | 1.3 | | 7.0 | 7.6 | 90 | | 0.08 | 11 | | 25.30 | 16.42 | 18.22 |
| 22.0 | 0933 | 6.0 | | | 0.24 | 1.3 | | 7.0 | 7.6 | 90 | | 0.08 | 11 | | 25.34 | 16.42 | 18.24 |
| 22.0 | 0933 | 7.0 | | | 0.25 | 1.4 | | 7.0 | 7.6 | 91 | | 0.08 | 11 | | 25.33 | 16.42 | 18.24 |
| 22.0 | 0933 | 8.0 | | | 0.24 | 1.3 | | 7.0 | 7.6 | 91 | | 0.08 | 11 | | 25.34 | 16.42 | 18.25 |

South San Francisco Bay July 21, 1998 98202

| 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 | 0933 | 9.0 | | | 0.24 | 1.3 | | 7.0 | 7.6 | 90 | | 0.08 | 12 | | 25.35 | 16.43 | 18.25 |
| 22.0 | 0933 | 10.0 | | | 0.27 | 1.6 | | 7.0 | 7.6 | 90 | | 0.08 | 13 | | 25.41 | 16.42 | 18.30 |
| 22.0 | 0933 | 11.0 | | | 0.29 | 1.7 | | 7.0 | 7.5 | 90 | | 0.09 | 14 | | 25.42 | 16.43 | 18.30 |
| 22.0 | 0933 | 12.0 | | | 0.27 | 1.6 | | 7.0 | 7.5 | 90 | | 0.09 | 14 | | 25.42 | 16.43 | 18.30 |
| 22.0 | 0933 | 13.0 | | | 0.26 | 1.5 | | 7.0 | 7.5 | 90 | | 0.09 | 15 | | 25.44 | 16.42 | 18.32 |
| 22.0 | 0933 | 14.0 | | | 0.27 | 1.6 | | 7.0 | 7.5 | 90 | | 0.09 | 16 | | 25.44 | 16.42 | 18.32 |
| 22.0 | 0933 | 15.0 | | | 0.26 | 1.5 | | 7.0 | 7.5 | 90 | | 0.10 | 16 | | 25.45 | 16.42 | 18.33 |
| 22.0 | 0933 | 16.0 | | | 0.27 | 1.6 | | 7.0 | 7.5 | 90 | | 0.10 | 16 | | 25.45 | 16.42 | 18.33 |
| 22.0 | 0933 | 17.0 | | | 0.27 | 1.6 | | 7.0 | 7.6 | 90 | | 0.09 | 16 | | 25.45 | 16.42 | 18.33 |
| 22.0 | 0933 | 18.0 | | | 0.27 | 1.6 | | 7.0 | 7.5 | 90 | | 0.10 | 17 | | 25.46 | 16.42 | 18.33 |
| 22.0 | 0933 | 19.0 | | | 0.27 | 1.6 | | 7.0 | 7.5 | 90 | | 0.10 | 17 | | 25.45 | 16.42 | 18.33 |
| 21.0 | 0953 | 1.0 | | | 0.26 | 1.5 | | 7.0 | 7.5 | 89 | | 0.07 | 10 | 1.2 | 25.03 | 16.23 | 18.05 |
| 21.0 | 0953 | 2.0 | 2.2 | 0.58 | 0.26 | 1.5 | 7.2 | 6.9 | 7.4 | 88 | 10.8 | 0.07 | 10 | | 25.20 | 16.15 | 18.20 |
| 21.0 | 0953 | 3.0 | | | 0.25 | 1.4 | | 6.9 | 7.3 | 87 | | 0.07 | 10 | | 25.43 | 16.04 | 18.39 |
| 21.0 | 0953 | 4.0 | | | 0.25 | 1.4 | | 6.9 | 7.3 | 86 | | 0.08 | 11 | | 25.61 | 15.96 | 18.55 |
| 21.0 | 0953 | 5.0 | | | 0.25 | 1.4 | | 6.8 | 7.3 | 86 | | 0.08 | 11 | | 25.78 | 15.87 | 18.70 |
| 21.0 | 0953 | 6.0 | | | 0.25 | 1.4 | | 6.8 | 7.3 | 86 | | 0.08 | 11 | | 25.90 | 15.81 | 18.80 |
| 21.0 | 0953 | 7.0 | | | 0.25 | 1.4 | | 6.8 | 7.3 | 86 | | 0.08 | 11 | | 25.97 | 15.78 | 18.86 |
| 21.0 | 0953 | 8.0 | | | 0.26 | 1.5 | | 6.8 | 7.2 | 85 | | 0.08 | 12 | | 26.04 | 15.74 | 18.92 |
| 21.0 | 0953 | 9.0 | | | 0.27 | 1.6 | | 6.8 | 7.2 | 85 | | 0.08 | 13 | | 26.21 | 15.64 | 19.08 |
| 21.0 | 0953 | 10.0 | | | 0.29 | 1.8 | | 6.8 | 7.1 | 84 | | 0.09 | 14 | | 26.32 | 15.58 | 19.17 |
| 21.0 | 0953 | 11.0 | | | 0.31 | 2.0 | | 6.9 | 7.3 | 86 | | 0.09 | 16 | | 26.47 | 15.47 | 19.31 |
| 21.0 | 0953 | 12.0 | | | 0.32 | 2.0 | | 6.9 | 7.3 | 86 | | 0.11 | 19 | | 26.54 | 15.43 | 19.37 |
| 21.0 | 0953 | 13.0 | | | 0.31 | 2.0 | | 6.8 | 7.2 | 85 | | 0.13 | 24 | | 26.60 | 15.38 | 19.43 |
| 21.0 | 0953 | 14.0 | | | 0.30 | 1.9 | | 6.9 | 7.3 | 86 | | 0.14 | 27 | | 26.61 | 15.36 | 19.44 |
| 21.0 | 0953 | 15.0 | | | 0.32 | 2.1 | | 6.8 | 7.2 | 85 | | 0.14 | 27 | | 26.61 | 15.36 | 19.44 |
| 21.0 | 0953 | 16.0 | | | 0.32 | 2.1 | | 6.7 | 7.1 | 84 | | 0.14 | 27 | | 26.62 | 15.36 | 19.45 |
| 21.0 | 0953 | 17.0 | 2.3 | 0.43 | 0.31 | 2.0 | | 6.8 | 7.2 | 85 | | 0.14 | 27 | | 26.61 | 15.36 | 19.44 |

| | n | r^2 | Slope | Inter. | Std. Err. |
|---|---|---|---|---|---|
| Fluorometer Calibration: | 10 | 0.812 | 9.637 | -1.005 | 1.000 |
| OBS Calibration: | 5 | 0.972 | 254.386 | -8.101 | 5.760 |
| Dissolved Oxygen Calibration: | 5 | 0.911 | 1.547 | -3.310 | 0.184 |

SeaBird v4.026

North San Francisco Bay August 11, 1998 98223

| 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 | 1640 | 1.0 | | | 0.28 | 2.7 | | 7.6 | 8.1 | 95 | | 0.15 | 22 | 2.2 | 0.07 | 23.09 | 0.00 |
| 657.0 | 1640 | 2.0 | 3.0 | 0.74 | 0.28 | 2.7 | 8.0 | 7.6 | 8.1 | 95 | 21.8 | 0.15 | 22 | | 0.07 | 23.05 | 0.00 |
| 657.0 | 1640 | 3.0 | | | 0.27 | 2.6 | | 7.5 | 7.9 | 93 | | 0.15 | 22 | | 0.07 | 22.97 | 0.00 |
| 657.0 | 1640 | 4.0 | | | 0.26 | 2.5 | | 7.5 | 7.9 | 92 | | 0.15 | 23 | | 0.07 | 22.62 | 0.00 |
| 657.0 | 1640 | 5.0 | | | 0.25 | 2.4 | | 7.5 | 7.9 | 91 | | 0.16 | 24 | | 0.07 | 22.40 | 0.00 |
| 657.0 | 1640 | 6.0 | | | 0.24 | 2.3 | | 7.5 | 8.0 | 92 | | 0.17 | 27 | | 0.07 | 22.28 | 0.00 |
| 657.0 | 1640 | 7.0 | | | 0.24 | 2.3 | | 7.5 | 8.0 | 92 | | 0.17 | 27 | | 0.07 | 22.27 | 0.00 |
| 657.0 | 1640 | 8.0 | | | 0.24 | 2.3 | | 7.6 | 8.0 | 92 | | 0.18 | 28 | | 0.07 | 22.22 | 0.00 |
| 657.0 | 1640 | 9.0 | | | 0.24 | 2.3 | | 7.6 | 8.0 | 93 | | 0.18 | 28 | | 0.07 | 22.23 | 0.00 |
| 657.0 | 1640 | 10.0 | | | 0.25 | 2.4 | | 7.6 | 8.0 | 93 | | 0.18 | 28 | | 0.07 | 22.20 | 0.00 |
| 657.0 | 1640 | 11.0 | 2.0 | 0.50 | 0.25 | 2.4 | | 7.6 | 8.1 | 93 | | 0.18 | 28 | | 0.07 | 22.18 | 0.00 |
| 649.0 | 1552 | 1.0 | | | 0.32 | 3.0 | | 7.6 | 8.1 | 96 | | 0.12 | 18 | 2.0 | 0.08 | 23.66 | 0.00 |
| 649.0 | 1552 | 2.0 | 3.5 | 0.75 | 0.31 | 2.9 | 8.1 | 7.5 | 7.9 | 93 | 18.3 | 0.12 | 17 | | 0.08 | 23.36 | 0.00 |
| 649.0 | 1552 | 3.0 | | | 0.28 | 2.7 | | 7.6 | 8.0 | 93 | | 0.12 | 18 | | 0.07 | 22.94 | 0.00 |
| 649.0 | 1552 | 4.0 | | | 0.26 | 2.5 | | 7.6 | 8.0 | 94 | | 0.13 | 19 | | 0.07 | 22.82 | 0.00 |
| 649.0 | 1552 | 5.0 | | | 0.26 | 2.5 | | 7.6 | 8.1 | 94 | | 0.14 | 22 | | 0.07 | 22.76 | 0.00 |
| 649.0 | 1552 | 6.0 | | | 0.26 | 2.5 | | 7.6 | 8.1 | 94 | | 0.16 | 24 | | 0.07 | 22.75 | 0.00 |
| 649.0 | 1552 | 7.0 | | | 0.26 | 2.5 | | 7.6 | 8.1 | 94 | | 0.17 | 26 | | 0.07 | 22.74 | 0.00 |
| 649.0 | 1552 | 8.0 | | | 0.26 | 2.5 | | 7.6 | 8.1 | 94 | | 0.17 | 27 | | 0.07 | 22.71 | 0.00 |
| 649.0 | 1552 | 9.0 | | | 0.27 | 2.5 | | 7.7 | 8.1 | 94 | | 0.18 | 29 | | 0.07 | 22.71 | 0.00 |
| 649.0 | 1552 | 10.0 | | | 0.27 | 2.6 | | 7.7 | 8.1 | 95 | | 0.19 | 30 | | 0.07 | 22.70 | 0.00 |
| 649.0 | 1552 | 11.0 | 2.3 | 0.59 | 0.27 | 2.6 | | 7.7 | 8.2 | 95 | | 0.20 | 32 | | 0.07 | 22.68 | 0.00 |
| 2.0 | 1533 | 1.0 | | | 0.37 | 3.5 | | 7.6 | 8.0 | 95 | | 0.21 | 33 | 3.4 | 0.10 | 23.60 | 0.00 |
| 2.0 | 1533 | 2.0 | | | 0.37 | 3.5 | | 7.6 | 8.0 | 94 | | 0.20 | 33 | | 0.10 | 23.59 | 0.00 |
| 2.0 | 1533 | 3.0 | | | 0.36 | 3.4 | | 7.6 | 8.0 | 95 | | 0.20 | 32 | | 0.10 | 23.58 | 0.00 |
| 2.0 | 1533 | 4.0 | | | 0.36 | 3.4 | | 7.6 | 8.0 | 95 | | 0.20 | 32 | | 0.10 | 23.56 | 0.00 |
| 2.0 | 1533 | 5.0 | | | 0.37 | 3.5 | | 7.6 | 8.0 | 95 | | 0.20 | 32 | | 0.10 | 23.54 | 0.00 |
| 2.0 | 1533 | 6.0 | | | 0.37 | 3.5 | | 7.6 | 8.0 | 95 | | 0.20 | 32 | | 0.10 | 23.51 | 0.00 |
| 2.0 | 1533 | 7.0 | | | 0.37 | 3.5 | | 7.6 | 8.0 | 94 | | 0.20 | 32 | | 0.10 | 23.45 | 0.00 |
| 2.0 | 1533 | 8.0 | | | 0.37 | 3.5 | | 7.6 | 8.0 | 94 | | 0.20 | 32 | | 0.09 | 23.35 | 0.00 |
| 2.0 | 1533 | 9.0 | | | 0.36 | 3.4 | | 7.6 | 8.0 | 95 | | 0.21 | 34 | | 0.09 | 23.29 | 0.00 |
| 2.0 | 1533 | 10.0 | | | 0.35 | 3.3 | | 7.6 | 8.0 | 94 | | 0.22 | 36 | | 0.09 | 23.23 | 0.00 |
| 2.0 | 1533 | 11.0 | | | 0.35 | 3.4 | | 7.6 | 8.1 | 95 | | 0.22 | 37 | | 0.09 | 23.20 | 0.00 |
| 3.0 | 1517 | 1.0 | | | 0.41 | 3.9 | | 7.4 | 7.8 | 94 | | 0.15 | 23 | 2.1 | 0.13 | 24.44 | 0.00 |
| 3.0 | 1517 | 2.0 | 4.3 | 0.69 | 0.41 | 3.9 | 7.9 | 7.5 | 7.9 | 94 | 21.6 | 0.15 | 22 | | 0.13 | 24.02 | 0.00 |
| 3.0 | 1517 | 3.0 | | | 0.40 | 3.8 | | 7.5 | 7.9 | 94 | | 0.16 | 25 | | 0.12 | 23.88 | 0.00 |
| 3.0 | 1517 | 4.0 | | | 0.39 | 3.7 | | 7.5 | 7.9 | 93 | | 0.17 | 26 | | 0.12 | 23.81 | 0.00 |
| 3.0 | 1517 | 5.0 | | | 0.38 | 3.7 | | 7.4 | 7.8 | 93 | | 0.17 | 27 | | 0.11 | 23.69 | 0.00 |
| 3.0 | 1517 | 6.0 | | | 0.38 | 3.6 | | 7.5 | 7.9 | 94 | | 0.17 | 27 | | 0.10 | 23.56 | 0.00 |
| 3.0 | 1517 | 7.0 | | | 0.38 | 3.6 | | 7.5 | 7.9 | 93 | | 0.17 | 27 | | 0.10 | 23.49 | 0.00 |

North San Francisco Bay August 11, 1998 98223

| 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 | 1517 | 8.0 | | | 0.37 | 3.5 | | 7.5 | 7.9 | 93 | | 0.17 | 27 | | 0.09 | 23.31 | 0.00 |
| 3.0 | 1517 | 9.0 | | | 0.36 | 3.4 | | 7.6 | 8.0 | 94 | | 0.17 | 27 | | 0.09 | 23.16 | 0.00 |
| 3.0 | 1517 | 10.0 | | | 0.35 | 3.4 | | 7.6 | 8.0 | 94 | | 0.17 | 27 | | 0.09 | 23.10 | 0.00 |
| 3.0 | 1517 | 11.0 | | | 0.35 | 3.3 | | 7.6 | 8.1 | 95 | | 0.18 | 29 | | 0.09 | 23.08 | 0.00 |
| 3.0 | 1517 | 12.0 | | | 0.35 | 3.4 | | 7.6 | 8.1 | 95 | | 0.20 | 31 | | 0.09 | 23.07 | 0.00 |
| 3.0 | 1517 | 13.0 | | | 0.35 | 3.3 | | 7.7 | 8.1 | 95 | | 0.22 | 36 | | 0.09 | 23.07 | 0.00 |
| 3.0 | 1517 | 14.0 | 3.3 | 0.56 | 0.35 | 3.3 | | 7.7 | 8.1 | 95 | | 0.24 | 39 | | 0.09 | 23.07 | 0.00 |
| 4.0 | 1458 | 1.0 | | | 0.40 | 3.8 | | 6.9 | 7.2 | 86 | | 0.17 | 26 | 1.7 | 0.16 | 24.19 | 0.00 |
| 4.0 | 1458 | 2.0 | | | 0.40 | 3.7 | | 7.1 | 7.4 | 88 | | 0.17 | 27 | | 0.14 | 23.65 | 0.00 |
| 4.0 | 1458 | 3.0 | | | 0.39 | 3.7 | | 7.2 | 7.6 | 89 | | 0.19 | 30 | | 0.13 | 23.44 | 0.00 |
| 4.0 | 1458 | 4.0 | | | 0.38 | 3.6 | | 7.3 | 7.6 | 90 | | 0.19 | 30 | | 0.12 | 23.39 | 0.00 |
| 4.0 | 1458 | 5.0 | | | 0.38 | 3.6 | | 7.4 | 7.7 | 91 | | 0.19 | 30 | | 0.12 | 23.36 | 0.00 |
| 4.0 | 1458 | 6.0 | | | 0.39 | 3.7 | | 7.4 | 7.8 | 92 | | 0.19 | 30 | | 0.12 | 23.36 | 0.00 |
| 4.0 | 1458 | 7.0 | | | 0.39 | 3.7 | | 7.5 | 7.9 | 93 | | 0.19 | 30 | | 0.12 | 23.35 | 0.00 |
| 4.0 | 1458 | 8.0 | | | 0.39 | 3.7 | | 7.5 | 7.9 | 93 | | 0.19 | 30 | | 0.11 | 23.31 | 0.00 |
| 4.0 | 1458 | 9.0 | | | 0.39 | 3.7 | | 7.5 | 7.9 | 93 | | 0.19 | 30 | | 0.11 | 23.27 | 0.00 |
| 4.0 | 1458 | 10.0 | | | 0.39 | 3.7 | | 7.5 | 8.0 | 94 | | 0.19 | 31 | | 0.11 | 23.26 | 0.00 |
| 4.0 | 1458 | 11.0 | | | 0.39 | 3.7 | | 7.6 | 8.0 | 94 | | 0.20 | 32 | | 0.12 | 23.26 | 0.00 |
| 4.0 | 1458 | 12.0 | | | 0.39 | 3.7 | | 7.6 | 8.0 | 94 | | 0.20 | 33 | | 0.12 | 23.26 | 0.00 |
| 4.0 | 1458 | 13.0 | | | 0.39 | 3.7 | | 7.6 | 8.0 | 95 | | 0.22 | 35 | | 0.12 | 23.26 | 0.00 |
| 4.0 | 1458 | 14.0 | | | 0.39 | 3.7 | | 7.6 | 8.0 | 95 | | 0.22 | 36 | | 0.13 | 23.25 | 0.00 |
| 4.0 | 1458 | 15.0 | | | 0.40 | 3.8 | | 7.6 | 8.1 | 95 | | 0.24 | 39 | | 0.13 | 23.25 | 0.00 |
| 4.0 | 1458 | 16.0 | | | 0.40 | 3.8 | | 7.6 | 8.1 | 95 | | 0.25 | 42 | | 0.13 | 23.25 | 0.00 |
| 4.0 | 1458 | 17.0 | | | 0.40 | 3.8 | | 7.6 | 8.1 | 95 | | 0.28 | 46 | | 0.13 | 23.25 | 0.00 |
| 5.0 | 1440 | 1.0 | | | 0.38 | 3.6 | | 7.5 | 7.9 | 94 | | 0.17 | 27 | 2.6 | 0.19 | 23.70 | 0.00 |
| 5.0 | 1440 | 2.0 | | | 0.38 | 3.6 | | 7.6 | 8.0 | 94 | | 0.18 | 28 | | 0.19 | 23.41 | 0.00 |
| 5.0 | 1440 | 3.0 | | | 0.37 | 3.5 | | 7.6 | 8.0 | 94 | | 0.19 | 30 | | 0.19 | 23.33 | 0.00 |
| 5.0 | 1440 | 4.0 | | | 0.37 | 3.5 | | 7.6 | 8.0 | 94 | | 0.20 | 33 | | 0.19 | 23.30 | 0.00 |
| 5.0 | 1440 | 5.0 | | | 0.37 | 3.5 | | 7.6 | 8.0 | 94 | | 0.22 | 35 | | 0.19 | 23.30 | 0.00 |
| 5.0 | 1440 | 6.0 | | | 0.38 | 3.6 | | 7.6 | 8.0 | 95 | | 0.22 | 35 | | 0.19 | 23.28 | 0.00 |
| 5.0 | 1440 | 7.0 | | | 0.38 | 3.6 | | 7.6 | 8.0 | 95 | | 0.23 | 37 | | 0.19 | 23.28 | 0.00 |
| 5.0 | 1440 | 8.0 | | | 0.39 | 3.7 | | 7.6 | 8.1 | 95 | | 0.23 | 38 | | 0.19 | 23.28 | 0.00 |
| 5.0 | 1440 | 9.0 | | | 0.39 | 3.7 | | 7.6 | 8.1 | 95 | | 0.24 | 39 | | 0.19 | 23.27 | 0.00 |
| 5.0 | 1440 | 10.0 | | | 0.39 | 3.7 | | 7.6 | 8.1 | 95 | | 0.24 | 40 | | 0.19 | 23.26 | 0.00 |
| 5.0 | 1440 | 11.0 | | | 0.39 | 3.7 | | 7.7 | 8.1 | 95 | | 0.25 | 41 | | 0.19 | 23.26 | 0.00 |
| 5.0 | 1440 | 12.0 | | | 0.40 | 3.8 | | 7.7 | 8.1 | 96 | | 0.26 | 43 | | 0.19 | 23.26 | 0.00 |
| 6.0 | 1417 | 1.0 | | | 0.34 | 3.2 | | 7.6 | 8.0 | 95 | | 0.26 | 43 | 3.3 | 0.35 | 23.42 | 0.00 |
| 6.0 | 1417 | 2.0 | 3.7 | 0.64 | 0.34 | 3.2 | 8.0 | 7.6 | 8.1 | 95 | 31.0 | 0.26 | 43 | | 0.36 | 23.28 | 0.00 |
| 6.0 | 1417 | 3.0 | | | 0.33 | 3.1 | | 7.6 | 8.1 | 95 | | 0.26 | 43 | | 0.37 | 23.26 | 0.00 |
| 6.0 | 1417 | 4.0 | | | 0.33 | 3.2 | | 7.7 | 8.1 | 96 | | 0.27 | 45 | | 0.38 | 23.25 | 0.00 |

North San Francisco Bay August 11, 1998 98223

| 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 | 1417 | 5.0 | | | 0.34 | 3.2 | | 7.7 | 8.1 | 96 | | 0.28 | 46 | | 0.39 | 23.25 | 0.00 |
| 6.0 | 1417 | 6.0 | | | 0.34 | 3.2 | | 7.7 | 8.1 | 96 | | 0.29 | 48 | | 0.43 | 23.23 | 0.00 |
| 6.0 | 1417 | 7.0 | | | 0.33 | 3.2 | | 7.7 | 8.1 | 96 | | 0.29 | 49 | | 0.49 | 23.20 | 0.00 |
| 6.0 | 1417 | 8.0 | | | 0.33 | 3.1 | | 7.7 | 8.1 | 96 | | 0.31 | 52 | | 0.55 | 23.19 | 0.00 |
| 6.0 | 1417 | 9.0 | | | 0.33 | 3.1 | | 7.7 | 8.1 | 96 | | 0.32 | 55 | | 0.68 | 23.15 | 0.00 |
| 6.0 | 1417 | 10.0 | | | 0.33 | 3.1 | | 7.7 | 8.2 | 97 | | 0.34 | 58 | | 0.71 | 23.14 | 0.00 |
| 6.0 | 1417 | 11.0 | | | 0.34 | 3.2 | | 7.7 | 8.2 | 96 | | 0.40 | 68 | | 0.74 | 23.14 | 0.00 |
| 6.0 | 1417 | 12.0 | 3.0 | 0.45 | 0.34 | 3.2 | | 7.7 | 8.2 | 96 | | 0.45 | 77 | | 0.74 | 23.14 | 0.00 |
| 7.0 | 1357 | 1.0 | | | 0.24 | 2.4 | | 7.5 | 7.9 | 93 | | 0.46 | 80 | 4.6 | 2.09 | 22.72 | 0.00 |
| 7.0 | 1357 | 2.0 | | | 0.24 | 2.4 | | 7.5 | 7.9 | 93 | | 0.47 | 82 | | 2.10 | 22.72 | 0.00 |
| 7.0 | 1357 | 3.0 | | | 0.25 | 2.4 | | 7.5 | 7.9 | 93 | | 0.48 | 83 | | 2.10 | 22.70 | 0.00 |
| 7.0 | 1357 | 4.0 | | | 0.25 | 2.4 | | 7.5 | 7.9 | 94 | | 0.48 | 83 | | 2.12 | 22.69 | 0.00 |
| 7.0 | 1357 | 5.0 | | | 0.26 | 2.5 | | 7.5 | 8.0 | 94 | | 0.49 | 85 | | 2.13 | 22.67 | 0.00 |
| 7.0 | 1357 | 6.0 | | | 0.27 | 2.5 | | 7.5 | 8.0 | 94 | | 0.49 | 86 | | 2.14 | 22.65 | 0.00 |
| 7.0 | 1357 | 7.0 | | | 0.26 | 2.5 | | 7.6 | 8.0 | 94 | | 0.51 | 89 | | 2.19 | 22.60 | 0.00 |
| 7.0 | 1357 | 8.0 | | | 0.26 | 2.5 | | 7.6 | 8.0 | 94 | | 0.53 | 93 | | 2.23 | 22.58 | 0.00 |
| 7.0 | 1357 | 9.0 | | | 0.26 | 2.5 | | 7.6 | 8.0 | 94 | | 0.54 | 94 | | 2.28 | 22.55 | 0.00 |
| 7.0 | 1357 | 10.0 | | | 0.26 | 2.5 | | 7.6 | 8.0 | 94 | | 0.55 | 96 | | 2.32 | 22.53 | 0.00 |
| 7.0 | 1357 | 11.0 | | | 0.25 | 2.4 | | 7.6 | 8.0 | 94 | | 0.55 | 96 | | 2.33 | 22.52 | 0.00 |
| 7.0 | 1357 | 12.0 | | | 0.26 | 2.5 | | 7.6 | 8.0 | 95 | | 0.54 | 94 | | 2.45 | 22.50 | 0.00 |
| 7.0 | 1357 | 13.0 | | | 0.28 | 2.6 | | 7.6 | 8.1 | 95 | | 0.58 | 102 | | 2.61 | 22.49 | 0.00 |
| 7.0 | 1357 | 14.0 | | | 0.29 | 2.7 | | 7.6 | 8.0 | 95 | | 0.73 | 129 | | 2.62 | 22.49 | 0.00 |
| 7.0 | 1357 | 15.0 | | | 0.28 | 2.7 | | 7.6 | 8.1 | 95 | | 0.80 | 143 | | 2.63 | 22.50 | 0.00 |
| 8.0 | 1332 | 1.0 | | | 0.25 | 2.4 | | 7.6 | 8.0 | 95 | | 0.46 | 79 | 5.0 | 2.62 | 22.87 | 0.00 |
| 8.0 | 1332 | 2.0 | | | 0.24 | 2.4 | | 7.6 | 8.0 | 95 | | 0.45 | 77 | | 2.69 | 22.68 | 0.00 |
| 8.0 | 1332 | 3.0 | | | 0.25 | 2.4 | | 7.6 | 8.1 | 95 | | 0.46 | 80 | | 2.77 | 22.53 | 0.00 |
| 8.0 | 1332 | 4.0 | | | 0.25 | 2.4 | | 7.6 | 8.1 | 95 | | 0.47 | 82 | | 2.87 | 22.46 | 0.00 |
| 8.0 | 1332 | 5.0 | | | 0.25 | 2.4 | | 7.6 | 8.1 | 95 | | 0.48 | 83 | | 2.95 | 22.39 | 0.00 |
| 8.0 | 1332 | 6.0 | | | 0.25 | 2.4 | | 7.6 | 8.1 | 95 | | 0.49 | 86 | | 3.07 | 22.27 | 0.04 |
| 8.0 | 1332 | 7.0 | | | 0.25 | 2.4 | | 7.7 | 8.1 | 95 | | 0.52 | 91 | | 3.28 | 22.18 | 0.22 |
| 8.0 | 1332 | 8.0 | | | 0.25 | 2.4 | | 7.7 | 8.1 | 96 | | 0.56 | 98 | | 3.39 | 22.18 | 0.30 |
| 8.0 | 1332 | 9.0 | | | 0.26 | 2.5 | | 7.7 | 8.1 | 95 | | 0.65 | 115 | | 3.54 | 22.17 | 0.41 |
| 8.0 | 1332 | 10.0 | | | 0.27 | 2.6 | | 7.6 | 8.0 | 95 | | 0.74 | 131 | | 3.76 | 22.14 | 0.59 |
| 8.0 | 1332 | 11.0 | | | 0.28 | 2.6 | | 7.5 | 8.0 | 94 | | 0.77 | 136 | | 4.16 | 22.02 | 0.92 |
| 8.0 | 1332 | 12.0 | | | 0.29 | 2.8 | | 7.6 | 8.0 | 94 | | 0.82 | 146 | | 4.57 | 21.90 | 1.26 |
| 8.0 | 1332 | 13.0 | | | 0.32 | 3.1 | | 7.5 | 8.0 | 94 | | 1.06 | 190 | | 4.80 | 21.84 | 1.44 |
| 8.0 | 1332 | 14.0 | | | 0.36 | 3.4 | | 7.6 | 8.0 | 94 | | 1.34 | 242 | | 4.83 | 21.83 | 1.47 |
| 8.0 | 1332 | 15.0 | | | 0.36 | 3.4 | | 7.6 | 8.0 | 94 | | 1.94 | 353 | | 4.82 | 21.83 | 1.46 |
| 9.0 | 1309 | 1.0 | | | 0.24 | 2.3 | | 7.6 | 8.0 | 95 | | 0.39 | 67 | 4.4 | 4.20 | 22.36 | 0.87 |
| 9.0 | 1309 | 2.0 | 2.0 | 0.48 | 0.24 | 2.3 | 7.9 | 7.5 | 7.9 | 93 | 74.6 | 0.39 | 67 | | 4.20 | 22.20 | 0.91 |

North San Francisco Bay August 11, 1998 98223

| 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 | 1309 | 3.0 | | | 0.25 | 2.4 | | 7.6 | 8.0 | 94 | | 0.40 | 68 | | 4.23 | 22.00 | 0.98 |
| 9.0 | 1309 | 4.0 | | | 0.25 | 2.4 | | 7.6 | 8.0 | 94 | | 0.41 | 71 | | 4.30 | 21.96 | 1.04 |
| 9.0 | 1309 | 5.0 | | | 0.26 | 2.5 | | 7.6 | 8.0 | 94 | | 0.48 | 83 | | 4.43 | 21.92 | 1.14 |
| 9.0 | 1309 | 6.0 | | | 0.28 | 2.6 | | 7.6 | 8.0 | 95 | | 0.60 | 105 | | 4.56 | 21.90 | 1.25 |
| 9.0 | 1309 | 7.0 | | | 0.29 | 2.8 | | 7.6 | 8.0 | 95 | | 0.67 | 119 | | 4.64 | 21.87 | 1.31 |
| 9.0 | 1309 | 8.0 | | | 0.29 | 2.8 | | 7.6 | 8.1 | 95 | | 0.91 | 163 | | 4.67 | 21.86 | 1.34 |
| 9.0 | 1309 | 9.0 | | | 0.29 | 2.8 | | 7.6 | 8.1 | 95 | | 1.07 | 192 | | 4.69 | 21.86 | 1.36 |
| 9.0 | 1309 | 10.0 | | | 0.30 | 2.8 | | 7.6 | 8.0 | 95 | | 1.11 | 199 | | 4.74 | 21.86 | 1.40 |
| 9.0 | 1309 | 11.0 | | | 0.31 | 2.9 | | 7.6 | 8.0 | 94 | | 1.20 | 215 | | 4.93 | 21.81 | 1.55 |
| 9.0 | 1309 | 12.0 | | | 0.33 | 3.1 | | 7.5 | 8.0 | 94 | | 1.30 | 234 | | 5.61 | 21.71 | 2.09 |
| 9.0 | 1309 | 13.0 | | | 0.34 | 3.2 | | 7.5 | 8.0 | 94 | | 1.43 | 258 | | 5.90 | 21.67 | 2.31 |
| 9.0 | 1309 | 14.0 | | | 0.34 | 3.2 | | 7.5 | 7.9 | 94 | | 1.56 | 283 | | 5.93 | 21.66 | 2.34 |
| 9.0 | 1309 | 15.0 | | | 0.34 | 3.3 | | 7.5 | 7.9 | 94 | | 1.64 | 297 | | 6.29 | 21.61 | 2.62 |
| 9.0 | 1309 | 16.0 | | | 0.35 | 3.3 | | 7.5 | 7.9 | 93 | | 1.70 | 308 | | 6.50 | 21.58 | 2.79 |
| 9.0 | 1309 | 17.0 | | | 0.35 | 3.3 | | 7.5 | 7.9 | 93 | | 1.71 | 309 | | 6.93 | 21.52 | 3.13 |
| 9.0 | 1309 | 18.0 | | | 0.34 | 3.3 | | 7.4 | 7.8 | 93 | | 1.75 | 317 | | 7.18 | 21.48 | 3.32 |
| 9.0 | 1309 | 19.0 | | | 0.35 | 3.3 | | 7.4 | 7.8 | 93 | | 1.71 | 309 | | 7.53 | 21.43 | 3.60 |
| 9.0 | 1309 | 20.0 | | | 0.35 | 3.3 | | 7.4 | 7.8 | 92 | | 1.58 | 285 | | 7.78 | 21.40 | 3.80 |
| 9.0 | 1309 | 21.0 | | | 0.36 | 3.4 | | 7.4 | 7.8 | 93 | | 1.50 | 271 | | 8.04 | 21.36 | 4.00 |
| 9.0 | 1309 | 22.0 | | | 0.37 | 3.5 | | 7.4 | 7.8 | 93 | | 1.57 | 284 | | 8.09 | 21.36 | 4.04 |
| 9.0 | 1309 | 23.0 | | | 0.39 | 3.7 | | 7.4 | 7.8 | 93 | | 1.69 | 306 | | 8.21 | 21.34 | 4.13 |
| 9.0 | 1309 | 24.0 | | | 0.41 | 3.8 | | 7.4 | 7.7 | 92 | | 1.92 | 348 | | 8.40 | 21.32 | 4.28 |
| 9.0 | 1309 | 25.0 | | | 0.40 | 3.8 | | 7.4 | 7.8 | 92 | | 2.04 | 370 | | 8.70 | 21.27 | 4.52 |
| 9.0 | 1309 | 26.0 | | | 0.39 | 3.7 | | 7.4 | 7.8 | 92 | | 2.10 | 382 | | 8.72 | 21.27 | 4.54 |
| 9.0 | 1309 | 27.0 | | | 0.39 | 3.7 | | 7.4 | 7.8 | 93 | | 2.14 | 389 | | 8.75 | 21.27 | 4.56 |
| 9.0 | 1309 | 28.0 | | | 0.40 | 3.8 | | 7.4 | 7.8 | 93 | | 2.14 | 389 | | 8.77 | 21.27 | 4.57 |
| 9.0 | 1309 | 29.0 | | | 0.40 | 3.8 | | 7.4 | 7.8 | 93 | | 2.13 | 386 | | 8.67 | 21.28 | 4.49 |
| 9.0 | 1309 | 30.0 | | | 0.41 | 3.9 | | 7.4 | 7.7 | 92 | | 2.12 | 385 | | 8.73 | 21.27 | 4.54 |
| 9.0 | 1309 | 31.0 | | | 0.41 | 3.9 | | 7.4 | 7.8 | 92 | | 2.12 | 386 | | 8.74 | 21.27 | 4.55 |
| 9.0 | 1309 | 32.0 | | | 0.40 | 3.8 | | 7.4 | 7.8 | 92 | | 2.11 | 384 | | 8.79 | 21.26 | 4.59 |
| 9.0 | 1309 | 33.0 | 2.7 | 0.25 | 0.39 | 3.7 | | 7.4 | 7.8 | 93 | | 2.12 | 385 | | 9.00 | 21.24 | 4.75 |
| 10.0 | 1256 | 1.0 | | | 0.26 | 2.5 | | 7.5 | 7.9 | 93 | | 0.44 | 76 | 3.3 | 5.13 | 21.98 | 1.66 |
| 10.0 | 1256 | 2.0 | | | 0.26 | 2.5 | | 7.5 | 7.9 | 93 | | 0.51 | 88 | | 5.16 | 21.83 | 1.72 |
| 10.0 | 1256 | 3.0 | | | 0.28 | 2.7 | | 7.5 | 7.9 | 93 | | 0.82 | 146 | | 5.28 | 21.79 | 1.82 |
| 10.0 | 1256 | 4.0 | | | 0.30 | 2.8 | | 7.5 | 7.9 | 94 | | 1.05 | 188 | | 5.49 | 21.75 | 1.98 |
| 10.0 | 1256 | 5.0 | | | 0.30 | 2.9 | | 7.5 | 7.9 | 93 | | 1.08 | 195 | | 5.76 | 21.70 | 2.20 |
| 10.0 | 1256 | 6.0 | | | 0.31 | 3.0 | | 7.5 | 7.9 | 93 | | 1.23 | 221 | | 5.95 | 21.66 | 2.36 |
| 10.0 | 1256 | 7.0 | | | 0.32 | 3.1 | | 7.5 | 7.9 | 93 | | 1.31 | 236 | | 6.32 | 21.59 | 2.65 |
| 10.0 | 1256 | 8.0 | | | 0.33 | 3.2 | | 7.5 | 7.9 | 94 | | 1.35 | 243 | | 6.48 | 21.57 | 2.77 |
| 10.0 | 1256 | 9.0 | | | 0.34 | 3.2 | | 7.5 | 7.9 | 94 | | 1.38 | 249 | | 6.57 | 21.55 | 2.85 |
| 10.0 | 1256 | 10.0 | | | 0.34 | 3.2 | | 7.5 | 7.9 | 94 | | 1.39 | 252 | | 6.60 | 21.55 | 2.87 |
| 10.0 | 1256 | 11.0 | | | 0.34 | 3.2 | | 7.5 | 7.9 | 94 | | 1.40 | 253 | | 6.61 | 21.55 | 2.88 |

North San Francisco Bay | August 11, 1998 | 98223

| 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 | 1256 | 12.0 | | | 0.34 | 3.2 | | 7.5 | 7.9 | 94 | | 1.40 | 254 | | 6.78 | 21.52 | 3.02 |
| 10.0 | 1256 | 13.0 | | | 0.34 | 3.2 | | 7.5 | 7.9 | 94 | | 1.38 | 248 | | 7.11 | 21.48 | 3.27 |
| 10.0 | 1256 | 14.0 | | | 0.35 | 3.3 | | 7.5 | 7.9 | 94 | | 1.36 | 246 | | 7.25 | 21.46 | 3.38 |
| 10.0 | 1256 | 15.0 | | | 0.35 | 3.3 | | 7.5 | 7.9 | 94 | | 1.44 | 260 | | 7.30 | 21.45 | 3.42 |
| 10.0 | 1256 | 16.0 | | | 0.34 | 3.3 | | 7.5 | 7.9 | 94 | | 1.49 | 268 | | 7.36 | 21.44 | 3.47 |
| 10.0 | 1256 | 17.0 | | | 0.34 | 3.2 | | 7.5 | 7.9 | 94 | | 1.45 | 262 | | 7.41 | 21.44 | 3.51 |
| 10.0 | 1256 | 18.0 | | | 0.35 | 3.3 | | 7.5 | 7.9 | 93 | | 1.45 | 262 | | 7.68 | 21.40 | 3.72 |
| 10.0 | 1256 | 19.0 | | | 0.38 | 3.6 | | 7.5 | 7.9 | 93 | | 1.83 | 331 | | 7.80 | 21.38 | 3.82 |
| 10.0 | 1256 | 20.0 | | | 0.38 | 3.6 | | 7.5 | 7.9 | 93 | | 2.39 | 436 | | 7.81 | 21.38 | 3.82 |
| 11.0 | 1234 | 1.0 | | | 0.30 | 2.8 | | 7.3 | 7.7 | 92 | | 0.31 | 53 | 3.7 | 7.88 | 21.38 | 3.88 |
| 11.0 | 1234 | 2.0 | | | 0.30 | 2.8 | | 7.3 | 7.7 | 92 | | 0.32 | 54 | | 8.59 | 21.27 | 4.44 |
| 11.0 | 1234 | 3.0 | | | 0.31 | 2.9 | | 7.4 | 7.7 | 92 | | 0.40 | 70 | | 8.81 | 21.25 | 4.61 |
| 11.0 | 1234 | 4.0 | | | 0.32 | 3.0 | | 7.4 | 7.7 | 92 | | 0.59 | 104 | | 8.90 | 21.23 | 4.68 |
| 11.0 | 1234 | 5.0 | | | 0.32 | 3.1 | | 7.4 | 7.7 | 92 | | 0.69 | 122 | | 8.99 | 21.22 | 4.75 |
| 11.0 | 1234 | 6.0 | | | 0.32 | 3.0 | | 7.4 | 7.7 | 92 | | 0.80 | 142 | | 9.10 | 21.20 | 4.84 |
| 11.0 | 1234 | 7.0 | | | 0.32 | 3.1 | | 7.3 | 7.7 | 92 | | 0.87 | 155 | | 9.38 | 21.16 | 5.06 |
| 11.0 | 1234 | 8.0 | | | 0.33 | 3.1 | | 7.3 | 7.7 | 92 | | 0.92 | 165 | | 10.23 | 21.06 | 5.72 |
| 11.0 | 1234 | 9.0 | | | 0.34 | 3.2 | | 7.3 | 7.7 | 92 | | 0.97 | 174 | | 10.49 | 21.03 | 5.93 |
| 11.0 | 1234 | 10.0 | | | 0.35 | 3.3 | | 7.3 | 7.7 | 92 | | 1.03 | 185 | | 10.63 | 21.02 | 6.03 |
| 11.0 | 1234 | 11.0 | | | 0.35 | 3.4 | | 7.3 | 7.7 | 92 | | 1.09 | 195 | | 10.89 | 20.99 | 6.24 |
| 11.0 | 1234 | 12.0 | | | 0.37 | 3.5 | | 7.3 | 7.7 | 92 | | 1.10 | 198 | | 11.20 | 20.95 | 6.48 |
| 11.0 | 1234 | 13.0 | | | 0.36 | 3.4 | | 7.3 | 7.7 | 92 | | 1.07 | 192 | | 11.55 | 20.91 | 6.76 |
| 11.0 | 1234 | 14.0 | | | 0.35 | 3.3 | | 7.3 | 7.7 | 93 | | 0.93 | 166 | | 12.53 | 20.78 | 7.53 |
| 12.0 | 1215 | 1.0 | | | 0.31 | 3.0 | | 7.2 | 7.5 | 91 | | 0.35 | 60 | 3.8 | 10.99 | 21.21 | 6.27 |
| 12.0 | 1215 | 2.0 | | | 0.32 | 3.0 | | 7.2 | 7.6 | 91 | | 0.37 | 63 | | 11.42 | 21.02 | 6.63 |
| 12.0 | 1215 | 3.0 | | | 0.33 | 3.1 | | 7.2 | 7.6 | 91 | | 0.40 | 69 | | 11.69 | 20.95 | 6.86 |
| 12.0 | 1215 | 4.0 | | | 0.34 | 3.2 | | 7.3 | 7.6 | 91 | | 0.46 | 79 | | 11.92 | 20.91 | 7.03 |
| 12.0 | 1215 | 5.0 | | | 0.35 | 3.3 | | 7.3 | 7.6 | 92 | | 0.54 | 94 | | 12.08 | 20.90 | 7.16 |
| 12.0 | 1215 | 6.0 | | | 0.37 | 3.5 | | 7.2 | 7.6 | 91 | | 0.62 | 109 | | 12.25 | 20.88 | 7.29 |
| 12.0 | 1215 | 7.0 | | | 0.38 | 3.6 | | 7.3 | 7.6 | 92 | | 0.69 | 121 | | 12.76 | 20.81 | 7.70 |
| 12.0 | 1215 | 8.0 | | | 0.38 | 3.6 | | 7.2 | 7.5 | 91 | | 0.73 | 130 | | 13.00 | 20.77 | 7.89 |
| 12.0 | 1215 | 9.0 | | | 0.38 | 3.6 | | 7.2 | 7.6 | 92 | | 0.88 | 157 | | 13.75 | 20.65 | 8.48 |
| 13.0 | 1150 | 1.0 | | | 0.34 | 3.2 | | 7.2 | 7.5 | 92 | | 0.24 | 40 | 2.6 | 16.62 | 20.33 | 10.73 |
| 13.0 | 1150 | 2.0 | 4.5 | 0.33 | 0.36 | 3.4 | 7.5 | 7.2 | 7.5 | 92 | 41.6 | 0.25 | 42 | | 16.75 | 20.22 | 10.85 |
| 13.0 | 1150 | 3.0 | | | 0.38 | 3.6 | | 7.2 | 7.5 | 92 | | 0.30 | 51 | | 17.13 | 20.20 | 11.14 |
| 13.0 | 1150 | 4.0 | | | 0.40 | 3.8 | | 7.2 | 7.5 | 92 | | 0.36 | 61 | | 17.23 | 20.18 | 11.22 |
| 13.0 | 1150 | 5.0 | | | 0.41 | 3.9 | | 7.2 | 7.5 | 92 | | 0.44 | 76 | | 17.40 | 20.11 | 11.37 |
| 13.0 | 1150 | 6.0 | | | 0.42 | 4.0 | | 7.1 | 7.4 | 90 | | 0.57 | 101 | | 17.92 | 19.97 | 11.79 |
| 13.0 | 1150 | 7.0 | | | 0.45 | 4.3 | | 7.1 | 7.3 | 90 | | 0.94 | 168 | | 18.64 | 19.76 | 12.39 |
| 13.0 | 1150 | 8.0 | | | 0.49 | 4.6 | | 7.1 | 7.3 | 90 | | 1.87 | 340 | | 19.69 | 19.54 | 13.24 |

North San Francisco Bay August 11, 1998 98223

| 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 | 1150 | 9.0 | 3.5 | 0.67 | 0.49 | 4.6 | | 7.1 | 7.4 | 91 | | 4.10 | 749 | | 20.07 | 19.48 | 13.54 |
| 14.0 | 1132 | 1.0 | | | 0.32 | 3.0 | | 7.2 | 7.5 | 93 | | 0.19 | 30 | 2.9 | 17.95 | 20.27 | 11.74 |
| 14.0 | 1132 | 2.0 | | | 0.31 | 2.9 | | 7.1 | 7.4 | 91 | | 0.20 | 31 | | 18.33 | 20.01 | 12.09 |
| 14.0 | 1132 | 3.0 | | | 0.33 | 3.1 | | 7.1 | 7.4 | 91 | | 0.20 | 33 | | 18.82 | 19.78 | 12.52 |
| 14.0 | 1132 | 4.0 | | | 0.34 | 3.2 | | 7.1 | 7.5 | 92 | | 0.21 | 33 | | 19.16 | 19.68 | 12.80 |
| 14.0 | 1132 | 5.0 | | | 0.34 | 3.2 | | 7.1 | 7.4 | 91 | | 0.23 | 37 | | 19.31 | 19.64 | 12.92 |
| 14.0 | 1132 | 6.0 | | | 0.34 | 3.3 | | 7.1 | 7.4 | 91 | | 0.26 | 43 | | 19.61 | 19.57 | 13.17 |
| 14.0 | 1132 | 7.0 | | | 0.34 | 3.2 | | 7.0 | 7.3 | 90 | | 0.29 | 49 | | 20.16 | 19.43 | 13.62 |
| 14.0 | 1132 | 8.0 | | | 0.33 | 3.1 | | 7.1 | 7.3 | 90 | | 0.33 | 56 | | 20.86 | 19.25 | 14.19 |
| 14.0 | 1132 | 9.0 | | | 0.33 | 3.1 | | 7.1 | 7.4 | 91 | | 0.35 | 59 | | 21.49 | 19.10 | 14.71 |
| 14.0 | 1132 | 10.0 | | | 0.34 | 3.2 | | 7.2 | 7.5 | 92 | | 0.35 | 60 | | 21.95 | 18.99 | 15.08 |
| 14.0 | 1132 | 11.0 | | | 0.34 | 3.3 | | 7.2 | 7.5 | 93 | | 0.37 | 63 | | 22.15 | 18.94 | 15.25 |
| 14.0 | 1132 | 12.0 | | | 0.37 | 3.5 | | 6.9 | 7.2 | 88 | | 0.42 | 73 | | 22.24 | 18.91 | 15.32 |
| 14.0 | 1132 | 13.0 | | | 0.47 | 4.5 | | 7.0 | 7.3 | 90 | | 0.52 | 91 | | 23.06 | 18.67 | 15.99 |
| 14.0 | 1132 | 14.0 | | | 0.48 | 4.5 | | 7.1 | 7.4 | 92 | | 1.04 | 186 | | 23.54 | 18.69 | 16.36 |
| 15.0 | 1112 | 1.0 | | | 0.28 | 2.7 | | 7.3 | 7.6 | 93 | | 0.17 | 26 | 1.8 | 16.43 | 20.29 | 10.59 |
| 15.0 | 1112 | 2.0 | 3.1 | 0.69 | 0.30 | 2.8 | 7.6 | 7.3 | 7.6 | 93 | 29.1 | 0.19 | 30 | | 16.70 | 20.14 | 10.83 |
| 15.0 | 1112 | 3.0 | | | 0.31 | 3.0 | | 7.2 | 7.5 | 92 | | 0.21 | 34 | | 16.90 | 20.06 | 11.00 |
| 15.0 | 1112 | 4.0 | | | 0.34 | 3.2 | | 7.2 | 7.5 | 91 | | 0.25 | 40 | | 17.87 | 19.84 | 11.78 |
| 15.0 | 1112 | 5.0 | | | 0.34 | 3.3 | | 7.2 | 7.5 | 92 | | 0.40 | 68 | | 18.99 | 19.64 | 12.68 |
| 15.0 | 1112 | 6.0 | | | 0.34 | 3.3 | | 7.2 | 7.6 | 93 | | 0.48 | 84 | | 19.22 | 19.59 | 12.87 |
| 15.0 | 1112 | 7.0 | | | 0.35 | 3.3 | | 7.2 | 7.6 | 93 | | 0.55 | 96 | | 19.31 | 19.58 | 12.94 |
| 15.0 | 1112 | 8.0 | | | 0.35 | 3.3 | | 7.2 | 7.6 | 93 | | 0.60 | 106 | | 19.35 | 19.58 | 12.97 |
| 15.0 | 1112 | 9.0 | | | 0.35 | 3.3 | | 7.2 | 7.6 | 93 | | 0.67 | 118 | | 19.42 | 19.56 | 13.03 |
| 15.0 | 1112 | 10.0 | | | 0.37 | 3.5 | | 7.2 | 7.6 | 93 | | 0.68 | 120 | | 19.72 | 19.50 | 13.27 |
| 15.0 | 1112 | 11.0 | | | 0.36 | 3.5 | | 7.2 | 7.5 | 92 | | 0.66 | 117 | | 19.90 | 19.45 | 13.42 |
| 15.0 | 1112 | 12.0 | | | 0.34 | 3.2 | | 7.1 | 7.4 | 91 | | 0.59 | 104 | | 20.53 | 19.29 | 13.93 |
| 15.0 | 1112 | 13.0 | | | 0.34 | 3.2 | | 7.2 | 7.5 | 92 | | 0.54 | 94 | | 21.39 | 19.10 | 14.63 |
| 15.0 | 1112 | 14.0 | | | 0.33 | 3.1 | | 7.1 | 7.4 | 92 | | 0.49 | 85 | | 21.67 | 19.04 | 14.86 |
| 15.0 | 1112 | 15.0 | | | 0.31 | 3.0 | | 7.1 | 7.4 | 92 | | 0.43 | 75 | | 22.14 | 18.93 | 15.24 |
| 15.0 | 1112 | 16.0 | | | 0.30 | 2.9 | | 7.1 | 7.4 | 91 | | 0.41 | 71 | | 22.56 | 18.82 | 15.59 |
| 15.0 | 1112 | 17.0 | | | 0.30 | 2.8 | | 7.1 | 7.4 | 92 | | 0.38 | 66 | | 22.83 | 18.75 | 15.81 |
| 15.0 | 1112 | 18.0 | | | 0.30 | 2.9 | | 7.2 | 7.5 | 92 | | 0.39 | 68 | | 22.99 | 18.70 | 15.94 |
| 15.0 | 1112 | 19.0 | | | 0.30 | 2.8 | | 7.2 | 7.5 | 92 | | 0.41 | 70 | | 23.08 | 18.68 | 16.01 |
| 15.0 | 1112 | 20.0 | | | 0.30 | 2.8 | | 7.2 | 7.5 | 92 | | 0.43 | 75 | | 23.12 | 18.67 | 16.04 |
| 15.0 | 1112 | 21.0 | | | 0.32 | 3.1 | | 7.2 | 7.5 | 92 | | 0.45 | 79 | | 23.25 | 18.62 | 16.16 |
| 15.0 | 1112 | 22.0 | | | 0.35 | 3.3 | | 7.2 | 7.5 | 92 | | 0.49 | 85 | | 23.37 | 18.58 | 16.25 |
| 15.0 | 1112 | 23.0 | 4.4 | 0.46 | 0.35 | 3.3 | | 7.2 | 7.5 | 93 | | 0.57 | 101 | | 23.44 | 18.56 | 16.32 |
| 16.0 | 1046 | 1.0 | | | 0.25 | 2.4 | | 7.3 | 7.6 | 94 | | 0.13 | 19 | 1.6 | 17.72 | 19.95 | 11.65 |
| 16.0 | 1046 | 2.0 | | | 0.25 | 2.4 | | 7.0 | 7.3 | 89 | | 0.14 | 20 | | 18.94 | 19.58 | 12.66 |

North San Francisco Bay August 11, 1998 98223

| 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 | 1046 | 3.0 | | | 0.24 | 2.3 | | 7.0 | 7.3 | 89 | | 0.14 | 21 | | 21.53 | 18.99 | 14.76 |
| 16.0 | 1046 | 4.0 | | | 0.24 | 2.3 | | 7.0 | 7.3 | 90 | | 0.17 | 27 | | 22.35 | 18.81 | 15.43 |
| 16.0 | 1046 | 5.0 | | | 0.24 | 2.3 | | 7.0 | 7.3 | 90 | | 0.21 | 35 | | 22.58 | 18.76 | 15.61 |
| 16.0 | 1046 | 6.0 | | | 0.25 | 2.4 | | 7.1 | 7.4 | 90 | | 0.25 | 40 | | 22.58 | 18.76 | 15.61 |
| 16.0 | 1046 | 7.0 | | | 0.25 | 2.4 | | 7.1 | 7.4 | 91 | | 0.28 | 46 | | 22.58 | 18.75 | 15.62 |
| 16.0 | 1046 | 8.0 | | | 0.25 | 2.4 | | 7.1 | 7.4 | 91 | | 0.29 | 49 | | 22.60 | 18.75 | 15.63 |
| 16.0 | 1046 | 9.0 | | | 0.26 | 2.5 | | 7.1 | 7.4 | 91 | | 0.30 | 50 | | 22.62 | 18.75 | 15.64 |
| 16.0 | 1046 | 10.0 | | | 0.26 | 2.5 | | 7.1 | 7.4 | 91 | | 0.30 | 51 | | 22.66 | 18.74 | 15.68 |
| 16.0 | 1046 | 11.0 | | | 0.27 | 2.6 | | 7.1 | 7.4 | 91 | | 0.32 | 53 | | 22.69 | 18.73 | 15.71 |
| 16.0 | 1046 | 12.0 | | | 0.26 | 2.5 | | 7.1 | 7.4 | 91 | | 0.34 | 58 | | 22.71 | 18.73 | 15.72 |
| 16.0 | 1046 | 13.0 | | | 0.26 | 2.5 | | 7.1 | 7.4 | 91 | | 0.35 | 60 | | 22.81 | 18.70 | 15.80 |
| 16.0 | 1046 | 14.0 | | | 0.28 | 2.7 | | 7.1 | 7.4 | 91 | | 0.38 | 65 | | 22.86 | 18.69 | 15.84 |
| 16.0 | 1046 | 15.0 | | | 0.28 | 2.7 | | 7.1 | 7.4 | 91 | | 0.42 | 73 | | 22.89 | 18.68 | 15.87 |
| 17.0 | 1025 | 1.0 | | | 0.24 | 2.3 | | 7.1 | 7.4 | 91 | | 0.12 | 17 | 1.8 | 22.39 | 18.87 | 15.45 |
| 17.0 | 1025 | 2.0 | | | 0.23 | 2.2 | | 7.1 | 7.4 | 91 | | 0.14 | 20 | | 22.55 | 18.79 | 15.58 |
| 17.0 | 1025 | 3.0 | | | 0.23 | 2.2 | | 7.1 | 7.4 | 91 | | 0.16 | 25 | | 22.71 | 18.74 | 15.72 |
| 17.0 | 1025 | 4.0 | | | 0.23 | 2.2 | | 7.1 | 7.4 | 91 | | 0.19 | 31 | | 22.83 | 18.73 | 15.81 |
| 17.0 | 1025 | 5.0 | | | 0.24 | 2.3 | | 7.0 | 7.3 | 90 | | 0.23 | 37 | | 23.00 | 18.70 | 15.94 |
| 17.0 | 1025 | 6.0 | | | 0.25 | 2.4 | | 6.9 | 7.2 | 89 | | 0.25 | 40 | | 23.38 | 18.58 | 16.26 |
| 17.0 | 1025 | 7.0 | | | 0.25 | 2.4 | | 6.9 | 7.1 | 88 | | 0.25 | 42 | | 23.99 | 18.36 | 16.78 |
| 17.0 | 1025 | 8.0 | | | 0.23 | 2.2 | | 6.9 | 7.2 | 88 | | 0.22 | 35 | | 24.76 | 18.11 | 17.42 |
| 17.0 | 1025 | 9.0 | | | 0.22 | 2.2 | | 6.9 | 7.2 | 88 | | 0.21 | 33 | | 24.91 | 18.05 | 17.55 |
| 17.0 | 1025 | 10.0 | | | 0.24 | 2.3 | | 6.9 | 7.2 | 88 | | 0.20 | 31 | | 25.11 | 17.97 | 17.72 |
| 17.0 | 1025 | 11.0 | | | 0.24 | 2.3 | | 6.9 | 7.1 | 88 | | 0.19 | 30 | | 25.44 | 17.83 | 18.00 |
| 17.0 | 1025 | 12.0 | | | 0.22 | 2.2 | | 6.9 | 7.2 | 89 | | 0.19 | 30 | | 25.77 | 17.72 | 18.28 |
| 17.0 | 1025 | 13.0 | | | 0.23 | 2.2 | | 7.0 | 7.3 | 90 | | 0.18 | 28 | | 25.95 | 17.68 | 18.43 |
| 18.0 | 1002 | 1.0 | | | 0.20 | 1.9 | | 7.0 | 7.3 | 89 | | 0.05 | 4 | 0.8 | 28.25 | 16.69 | 20.41 |
| 18.0 | 1002 | 2.0 | 1.6 | 0.57 | 0.20 | 1.9 | 7.3 | 7.0 | 7.3 | 89 | 7.9 | 0.04 | 3 | | 28.27 | 16.67 | 20.43 |
| 18.0 | 1002 | 3.0 | | | 0.19 | 1.9 | | 7.1 | 7.3 | 90 | | 0.04 | 3 | | 28.30 | 16.64 | 20.47 |
| 18.0 | 1002 | 4.0 | | | 0.19 | 1.8 | | 7.1 | 7.3 | 90 | | 0.04 | 3 | | 28.33 | 16.62 | 20.49 |
| 18.0 | 1002 | 5.0 | | | 0.19 | 1.8 | | 7.1 | 7.3 | 90 | | 0.04 | 3 | | 28.35 | 16.60 | 20.51 |
| 18.0 | 1002 | 6.0 | | | 0.19 | 1.9 | | 7.1 | 7.4 | 90 | | 0.04 | 3 | | 28.40 | 16.57 | 20.55 |
| 18.0 | 1002 | 7.0 | | | 0.20 | 1.9 | | 7.1 | 7.4 | 90 | | 0.04 | 3 | | 28.41 | 16.56 | 20.56 |
| 18.0 | 1002 | 8.0 | | | 0.19 | 1.9 | | 7.1 | 7.4 | 90 | | 0.04 | 3 | | 28.42 | 16.56 | 20.57 |
| 18.0 | 1002 | 9.0 | | | 0.19 | 1.8 | | 7.1 | 7.4 | 90 | | 0.04 | 3 | | 28.43 | 16.55 | 20.58 |
| 18.0 | 1002 | 10.0 | | | 0.18 | 1.8 | | 7.1 | 7.4 | 90 | | 0.04 | 3 | | 28.44 | 16.54 | 20.59 |
| 18.0 | 1002 | 11.0 | | | 0.19 | 1.8 | | 7.1 | 7.4 | 90 | | 0.04 | 3 | | 28.46 | 16.52 | 20.61 |
| 18.0 | 1002 | 12.0 | | | 0.19 | 1.8 | | 7.1 | 7.4 | 90 | | 0.04 | 3 | | 28.47 | 16.52 | 20.61 |
| 18.0 | 1002 | 13.0 | | | 0.18 | 1.8 | | 7.1 | 7.4 | 90 | | 0.04 | 3 | | 28.48 | 16.52 | 20.62 |
| 18.0 | 1002 | 14.0 | | | 0.18 | 1.8 | | 7.1 | 7.4 | 90 | | 0.04 | 3 | | 28.52 | 16.49 | 20.67 |
| 18.0 | 1002 | 15.0 | | | 0.19 | 1.8 | | 7.1 | 7.4 | 90 | | 0.04 | 3 | | 28.55 | 16.47 | 20.69 |

North San Francisco Bay August 11, 1998 98223

| 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 | 1002 | 16.0 | | | 0.19 | 1.8 | | 7.1 | 7.4 | 90 | | 0.04 | 3 | | 28.56 | 16.47 | 20.70 |
| 18.0 | 1002 | 17.0 | | | 0.19 | 1.9 | | 7.1 | 7.4 | 90 | | 0.04 | 3 | | 28.58 | 16.45 | 20.72 |
| 18.0 | 1002 | 18.0 | | | 0.19 | 1.8 | | 7.1 | 7.4 | 91 | | 0.04 | 3 | | 28.63 | 16.43 | 20.76 |
| 18.0 | 1002 | 19.0 | | | 0.19 | 1.9 | | 7.1 | 7.4 | 91 | | 0.05 | 4 | | 28.66 | 16.42 | 20.78 |
| 18.0 | 1002 | 20.0 | | | 0.19 | 1.8 | | 7.1 | 7.4 | 90 | | 0.05 | 4 | | 28.65 | 16.42 | 20.78 |
| 18.0 | 1002 | 21.0 | | | 0.19 | 1.8 | | 7.1 | 7.4 | 91 | | 0.05 | 4 | | 28.65 | 16.42 | 20.78 |
| 18.0 | 1002 | 22.0 | | | 0.19 | 1.9 | | 7.1 | 7.4 | 91 | | 0.05 | 5 | | 28.67 | 16.41 | 20.80 |
| 18.0 | 1002 | 23.0 | | | 0.20 | 1.9 | | 7.1 | 7.4 | 91 | | 0.05 | 5 | | 28.65 | 16.42 | 20.78 |
| 18.0 | 1002 | 24.0 | | | 0.21 | 2.0 | | 7.1 | 7.5 | 91 | | 0.05 | 4 | | 28.65 | 16.42 | 20.78 |
| 18.0 | 1002 | 25.0 | | | 0.21 | 2.0 | | 7.1 | 7.5 | 91 | | 0.05 | 5 | | 28.71 | 16.39 | 20.83 |
| 18.0 | 1002 | 26.0 | | | 0.21 | 2.0 | | 7.1 | 7.5 | 91 | | 0.06 | 6 | | 28.74 | 16.38 | 20.86 |
| 18.0 | 1002 | 27.0 | | | 0.21 | 2.1 | | 7.2 | 7.5 | 91 | | 0.06 | 6 | | 28.76 | 16.37 | 20.88 |
| 18.0 | 1002 | 28.0 | | | 0.23 | 2.2 | | 7.1 | 7.5 | 91 | | 0.06 | 7 | | 28.78 | 16.36 | 20.90 |
| 18.0 | 1002 | 29.0 | | | 0.25 | 2.4 | | 7.2 | 7.5 | 91 | | 0.07 | 8 | | 28.81 | 16.35 | 20.91 |
| 18.0 | 1002 | 30.0 | | | 0.24 | 2.3 | | 7.2 | 7.5 | 91 | | 0.08 | 10 | | 28.81 | 16.35 | 20.92 |
| 18.0 | 1002 | 31.0 | | | 0.21 | 2.1 | | 7.2 | 7.5 | 91 | | 0.08 | 10 | | 28.85 | 16.33 | 20.95 |
| 18.0 | 1002 | 32.0 | | | 0.21 | 2.0 | | 7.2 | 7.5 | 91 | | 0.08 | 11 | | 28.84 | 16.33 | 20.94 |
| 18.0 | 1002 | 33.0 | | | 0.21 | 2.0 | | 7.2 | 7.5 | 91 | | 0.08 | 10 | | 28.85 | 16.33 | 20.95 |
| 18.0 | 1002 | 34.0 | | | 0.21 | 2.0 | | 7.2 | 7.5 | 91 | | 0.09 | 11 | | 28.86 | 16.32 | 20.96 |
| 18.0 | 1002 | 35.0 | | | 0.21 | 2.0 | | 7.2 | 7.5 | 91 | | 0.09 | 11 | | 28.88 | 16.32 | 20.97 |
| 18.0 | 1002 | 36.0 | | | 0.20 | 2.0 | | 7.2 | 7.5 | 91 | | 0.09 | 11 | | 28.89 | 16.31 | 20.98 |
| 18.0 | 1002 | 37.0 | | | 0.21 | 2.1 | | 7.2 | 7.5 | 91 | | 0.09 | 12 | | 28.89 | 16.31 | 20.99 |
| 18.0 | 1002 | 38.0 | | | 0.22 | 2.1 | | 7.2 | 7.5 | 91 | | 0.09 | 12 | | 28.89 | 16.31 | 20.99 |
| 18.0 | 1002 | 39.0 | | | 0.22 | 2.1 | | 7.2 | 7.5 | 92 | | 0.09 | 12 | | 28.89 | 16.31 | 20.99 |
| 18.0 | 1002 | 40.0 | | | 0.22 | 2.1 | | 7.2 | 7.5 | 92 | | 0.09 | 13 | | 28.90 | 16.31 | 20.99 |
| 18.0 | 1002 | 41.0 | | | 0.23 | 2.2 | | 7.2 | 7.5 | 92 | | 0.09 | 13 | | 28.86 | 16.32 | 20.97 |
| 18.0 | 1002 | 42.0 | 1.6 | 0.52 | 0.23 | 2.2 | | 7.2 | 7.6 | 92 | | 0.10 | 13 | | 28.89 | 16.31 | 20.99 |
| 20.0 | 0942 | 1.0 | | | 0.21 | 2.1 | | 7.0 | 7.2 | 91 | | 0.03 | 1 | 0.6 | 26.35 | 18.93 | 18.44 |
| 20.0 | 0942 | 2.0 | | | 0.21 | 2.1 | | 7.0 | 7.3 | 92 | | 0.02 | 1 | | 26.35 | 18.92 | 18.45 |
| 20.0 | 0942 | 3.0 | | | 0.21 | 2.1 | | 7.1 | 7.4 | 93 | | 0.02 | 1 | | 26.34 | 18.94 | 18.43 |
| 20.0 | 0942 | 4.0 | | | 0.22 | 2.1 | | 6.9 | 7.2 | 90 | | 0.02 | 1 | | 26.29 | 19.00 | 18.38 |
| 20.0 | 0942 | 5.0 | | | 0.21 | 2.0 | | 6.9 | 7.1 | 89 | | 0.03 | 1 | | 26.71 | 18.49 | 18.82 |
| 20.0 | 0942 | 6.0 | | | 0.20 | 1.9 | | 6.9 | 7.2 | 90 | | 0.03 | 1 | | 26.88 | 18.30 | 18.99 |
| 20.0 | 0942 | 7.0 | | | 0.19 | 1.9 | | 6.9 | 7.2 | 90 | | 0.03 | 1 | | 26.93 | 18.24 | 19.05 |
| 20.0 | 0942 | 8.0 | | | 0.19 | 1.9 | | 7.0 | 7.2 | 90 | | 0.03 | 1 | | 26.98 | 18.20 | 19.09 |
| 20.0 | 0942 | 9.0 | | | 0.19 | 1.9 | | 7.0 | 7.2 | 90 | | 0.03 | 1 | | 27.00 | 18.17 | 19.11 |
| 20.0 | 0942 | 10.0 | | | 0.18 | 1.8 | | 7.0 | 7.3 | 91 | | 0.03 | 1 | | 27.00 | 18.16 | 19.12 |
| 20.0 | 0942 | 11.0 | | | 0.18 | 1.8 | | 7.0 | 7.3 | 91 | | 0.03 | 1 | | 27.01 | 18.14 | 19.13 |
| 20.0 | 0942 | 12.0 | | | 0.18 | 1.8 | | 7.0 | 7.3 | 91 | | 0.03 | 1 | | 27.02 | 18.13 | 19.14 |
| 20.0 | 0942 | 13.0 | | | 0.18 | 1.8 | | 7.0 | 7.3 | 91 | | 0.03 | 1 | | 27.03 | 18.11 | 19.15 |
| 20.0 | 0942 | 14.0 | | | 0.18 | 1.8 | | 7.0 | 7.3 | 91 | | 0.03 | 1 | | 27.04 | 18.09 | 19.17 |
| 20.0 | 0942 | 15.0 | | | 0.18 | 1.8 | | 7.0 | 7.3 | 91 | | 0.04 | 2 | | 27.05 | 18.08 | 19.18 |

North San Francisco Bay August 11, 1998 98223

| 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 | 0942 | 16.0 | | | 0.18 | 1.8 | | 7.1 | 7.3 | 92 | | 0.04 | 2 | | 27.07 | 18.05 | 19.20 |
| 20.0 | 0942 | 17.0 | | | 0.19 | 1.8 | | 7.1 | 7.3 | 91 | | 0.03 | 1 | | 27.08 | 18.03 | 19.21 |
| 20.0 | 0942 | 18.0 | | | 0.19 | 1.8 | | 7.1 | 7.4 | 92 | | 0.03 | 1 | | 27.09 | 18.02 | 19.22 |
| 20.0 | 0942 | 19.0 | | | 0.19 | 1.9 | | 7.1 | 7.4 | 92 | | 0.03 | 1 | | 27.11 | 18.00 | 19.24 |
| 20.0 | 0942 | 20.0 | | | 0.20 | 1.9 | | 7.1 | 7.4 | 92 | | 0.03 | 1 | | 27.13 | 17.97 | 19.26 |
| 20.0 | 0942 | 21.0 | | | 0.20 | 1.9 | | 7.1 | 7.4 | 92 | | 0.03 | 1 | | 27.14 | 17.96 | 19.28 |
| 20.0 | 0942 | 22.0 | | | 0.20 | 1.9 | | 7.1 | 7.4 | 92 | | 0.03 | 1 | | 27.15 | 17.95 | 19.29 |
| 20.0 | 0942 | 23.0 | | | 0.20 | 1.9 | | 7.1 | 7.4 | 92 | | 0.03 | 1 | | 27.16 | 17.94 | 19.29 |
| 20.0 | 0942 | 24.0 | | | 0.20 | 1.9 | | 7.1 | 7.4 | 92 | | 0.03 | 1 | | 27.16 | 17.93 | 19.30 |
| 20.0 | 0942 | 25.0 | | | 0.20 | 2.0 | | 7.1 | 7.4 | 92 | | 0.03 | 1 | | 27.17 | 17.91 | 19.31 |
| 20.0 | 0942 | 26.0 | | | 0.20 | 2.0 | | 7.1 | 7.4 | 93 | | 0.03 | 1 | | 27.17 | 17.91 | 19.31 |

| | n | r^2 | Slope | Inter. | Std. Err. |
|---|---|---|---|---|---|
| Fluorometer Calibration: | 16 | 0.526 | 9.260 | 0.086 | 0.676 |
| OBS Calibration: | 8 | 0.919 | 183.982 | -4.790 | 6.255 |
| Dissolved Oxygen Calibration: | 8 | 0.922 | 1.281 | -1.698 | 0.088 |

SeaBird v4.026

South San Francisco Bay August 11, 1998 98223

| 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 | 0626 | 1.0 | | | 0.86 | 8.1 | | 5.9 | 6.0 | 78 | | 0.72 | 132 | | 19.47 | 22.67 | 12.29 |
| 36.0 | 0626 | 2.0 | 9.2 | 0.61 | 0.87 | 8.2 | 5.9 | 5.9 | 6.0 | 78 | 147.4 | 0.74 | 137 | | 19.66 | 22.77 | 12.41 |
| 36.0 | 0626 | 3.0 | | | 0.88 | 8.3 | | 5.9 | 6.0 | 78 | | 0.95 | 176 | | 19.83 | 22.79 | 12.53 |
| 36.0 | 0626 | 4.0 | | | 0.86 | 8.1 | | 5.9 | 6.0 | 78 | | 1.18 | 219 | | 19.93 | 22.78 | 12.60 |
| 36.0 | 0626 | 5.0 | | | 0.87 | 8.1 | | 5.9 | 6.0 | 79 | | 1.24 | 230 | | 20.11 | 22.78 | 12.74 |
| 36.0 | 0626 | 6.0 | | | 0.97 | 9.2 | | 5.9 | 6.0 | 79 | | 1.23 | 229 | | 20.12 | 22.81 | 12.74 |
| 36.0 | 0626 | 7.0 | 8.5 | 0.45 | 0.99 | 9.4 | | 5.9 | 6.0 | 79 | | 1.67 | 311 | | 20.13 | 22.81 | 12.75 |
| 34.0 | 0646 | 1.0 | | | 0.66 | 6.1 | | 6.3 | 6.4 | 82 | | 0.20 | 35 | 2.8 | 19.69 | 22.05 | 12.62 |
| 34.0 | 0646 | 2.0 | | | 0.66 | 6.1 | | 6.2 | 6.4 | 82 | | 0.22 | 37 | | 20.06 | 22.16 | 12.87 |
| 34.0 | 0646 | 3.0 | | | 0.66 | 6.1 | | 6.2 | 6.4 | 82 | | 0.24 | 41 | | 20.00 | 22.14 | 12.83 |
| 34.0 | 0646 | 4.0 | | | 0.67 | 6.2 | | 6.3 | 6.4 | 82 | | 0.25 | 43 | | 19.95 | 22.09 | 12.80 |
| 34.0 | 0646 | 5.0 | | | 0.69 | 6.4 | | 6.2 | 6.4 | 83 | | 0.26 | 45 | | 20.52 | 22.07 | 13.24 |
| 34.0 | 0646 | 6.0 | | | 0.70 | 6.4 | | 6.2 | 6.4 | 83 | | 0.28 | 50 | | 20.69 | 22.09 | 13.36 |
| 32.0 | 0702 | 1.0 | | | 0.56 | 5.1 | | 6.3 | 6.5 | 84 | | 0.36 | 65 | 4.4 | 20.94 | 22.27 | 13.50 |
| 32.0 | 0702 | 2.0 | 5.5 | 0.61 | 0.56 | 5.0 | 6.4 | 6.3 | 6.5 | 84 | 75.5 | 0.36 | 65 | | 21.07 | 22.28 | 13.60 |
| 32.0 | 0702 | 3.0 | | | 0.56 | 5.0 | | 6.3 | 6.5 | 85 | | 0.43 | 77 | | 21.16 | 22.27 | 13.67 |
| 32.0 | 0702 | 4.0 | | | 0.57 | 5.1 | | 6.3 | 6.5 | 84 | | 0.48 | 87 | | 21.22 | 22.26 | 13.71 |
| 32.0 | 0702 | 5.0 | | | 0.58 | 5.2 | | 6.4 | 6.5 | 85 | | 0.54 | 99 | | 21.25 | 22.26 | 13.74 |
| 32.0 | 0702 | 6.0 | | | 0.59 | 5.3 | | 6.4 | 6.5 | 85 | | 0.59 | 107 | | 21.29 | 22.25 | 13.77 |
| 32.0 | 0702 | 7.0 | | | 0.60 | 5.4 | | 6.4 | 6.5 | 85 | | 0.63 | 116 | | 21.31 | 22.25 | 13.79 |
| 32.0 | 0702 | 8.0 | | | 0.60 | 5.5 | | 6.4 | 6.5 | 85 | | 0.66 | 121 | | 21.34 | 22.24 | 13.81 |
| 32.0 | 0702 | 9.0 | | | 0.61 | 5.5 | | 6.4 | 6.5 | 85 | | 0.71 | 131 | | 21.36 | 22.24 | 13.82 |
| 32.0 | 0702 | 10.0 | | | 0.61 | 5.6 | | 6.4 | 6.6 | 86 | | 0.78 | 143 | | 21.41 | 22.24 | 13.86 |
| 32.0 | 0702 | 11.0 | | | 0.62 | 5.6 | | 6.4 | 6.6 | 86 | | 0.95 | 176 | | 21.42 | 22.23 | 13.87 |
| 32.0 | 0702 | 12.0 | 5.6 | 0.41 | 0.62 | 5.6 | | 6.4 | 6.6 | 86 | | 1.06 | 196 | | 21.43 | 22.23 | 13.88 |
| 30.0 | 0725 | 1.0 | | | 0.46 | 4.0 | | 6.4 | 6.6 | 85 | | 0.53 | 96 | 6.1 | 22.00 | 21.99 | 14.38 |
| 30.0 | 0725 | 2.0 | 4.0 | 0.46 | 0.46 | 4.0 | 6.6 | 6.4 | 6.5 | 85 | 84.4 | 0.57 | 104 | | 22.08 | 21.97 | 14.44 |
| 30.0 | 0725 | 3.0 | | | 0.45 | 4.0 | | 6.4 | 6.5 | 85 | | 0.61 | 112 | | 22.18 | 21.93 | 14.52 |
| 30.0 | 0725 | 4.0 | | | 0.44 | 3.8 | | 6.4 | 6.5 | 85 | | 0.66 | 122 | | 22.32 | 21.88 | 14.65 |
| 30.0 | 0725 | 5.0 | | | 0.43 | 3.7 | | 6.4 | 6.6 | 85 | | 0.73 | 135 | | 22.52 | 21.79 | 14.82 |
| 30.0 | 0725 | 6.0 | | | 0.41 | 3.6 | | 6.4 | 6.6 | 86 | | 0.76 | 139 | | 22.63 | 21.75 | 14.91 |
| 30.0 | 0725 | 7.0 | | | 0.41 | 3.5 | | 6.4 | 6.6 | 86 | | 0.80 | 147 | | 22.69 | 21.73 | 14.97 |
| 30.0 | 0725 | 8.0 | | | 0.42 | 3.6 | | 6.4 | 6.6 | 86 | | 0.92 | 170 | | 22.70 | 21.72 | 14.98 |
| 30.0 | 0725 | 9.0 | | | 0.43 | 3.7 | | 6.5 | 6.6 | 86 | | 1.00 | 184 | | 22.72 | 21.72 | 14.99 |
| 30.0 | 0725 | 10.0 | | | 0.42 | 3.7 | | 6.5 | 6.6 | 87 | | 1.04 | 192 | | 22.72 | 21.72 | 14.99 |
| 30.0 | 0725 | 11.0 | | | 0.42 | 3.7 | | 6.5 | 6.7 | 87 | | 1.06 | 197 | | 22.73 | 21.71 | 15.00 |
| 30.0 | 0725 | 12.0 | 3.3 | 0.21 | 0.43 | 3.7 | | 6.5 | 6.7 | 87 | | 1.11 | 206 | | 22.73 | 21.71 | 15.00 |
| 29.0 | 0746 | 1.0 | | | 0.27 | 2.1 | | 6.4 | 6.5 | 85 | | 0.12 | 19 | 2.1 | 22.92 | 21.49 | 15.20 |
| 29.0 | 0746 | 2.0 | | | 0.27 | 2.0 | | 6.4 | 6.5 | 85 | | 0.12 | 19 | | 22.99 | 21.49 | 15.25 |

South San Francisco Bay August 11, 1998 98223

| 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 | 0746 | 3.0 | | | 0.26 | 2.0 | | 6.4 | 6.6 | 85 | | 0.12 | 20 | | 23.04 | 21.48 | 15.30 |
| 29.0 | 0746 | 4.0 | | | 0.26 | 2.0 | | 6.4 | 6.6 | 85 | | 0.14 | 22 | | 23.06 | 21.47 | 15.31 |
| 29.0 | 0746 | 5.0 | | | 0.27 | 2.1 | | 6.4 | 6.6 | 85 | | 0.15 | 25 | | 23.05 | 21.47 | 15.30 |
| 29.0 | 0746 | 6.0 | | | 0.27 | 2.1 | | 6.4 | 6.6 | 86 | | 0.16 | 27 | | 23.09 | 21.46 | 15.34 |
| 29.0 | 0746 | 7.0 | | | 0.27 | 2.1 | | 6.4 | 6.6 | 86 | | 0.16 | 28 | | 23.11 | 21.45 | 15.36 |
| 29.0 | 0746 | 8.0 | | | 0.28 | 2.1 | | 6.5 | 6.6 | 86 | | 0.18 | 31 | | 23.14 | 21.44 | 15.38 |
| 29.0 | 0746 | 9.0 | | | 0.28 | 2.2 | | 6.5 | 6.6 | 86 | | 0.22 | 37 | | 23.17 | 21.43 | 15.40 |
| 29.0 | 0746 | 10.0 | | | 0.28 | 2.2 | | 6.5 | 6.6 | 86 | | 0.28 | 49 | | 23.17 | 21.43 | 15.41 |
| 29.0 | 0746 | 11.0 | | | 0.29 | 2.3 | | 6.5 | 6.7 | 86 | | 0.35 | 63 | | 23.18 | 21.42 | 15.41 |
| 29.0 | 0746 | 12.0 | | | 0.29 | 2.3 | | 6.5 | 6.6 | 86 | | 0.38 | 69 | | 23.18 | 21.42 | 15.41 |
| 29.0 | 0746 | 13.0 | | | 0.29 | 2.3 | | 6.5 | 6.6 | 86 | | 0.43 | 77 | | 23.18 | 21.42 | 15.41 |
| 29.0 | 0746 | 14.0 | | | 0.29 | 2.3 | | 6.5 | 6.7 | 87 | | 0.44 | 80 | | 23.18 | 21.42 | 15.42 |
| 28.0 | | 1.0 | | | 0.37 | 3.1 | | 0.0 | 0.0 | | | 0.13 | 20 | | 22.83 | 21.50 | 15.13 |
| 28.0 | | 4.0 | | | 0.41 | 3.5 | | 0.0 | 0.0 | | | 0.66 | 120 | | 22.43 | 22.25 | 14.63 |
| 27.0 | 0805 | 1.0 | | | 0.24 | 1.8 | | 6.5 | 6.7 | 87 | | 0.16 | 27 | 2.2 | 23.55 | 21.14 | 15.77 |
| 27.0 | 0805 | 2.0 | 2.0 | 0.63 | 0.24 | 1.8 | 6.8 | 6.5 | 6.7 | 87 | 19.6 | 0.16 | 27 | | 23.54 | 21.15 | 15.76 |
| 27.0 | 0805 | 3.0 | | | 0.24 | 1.8 | | 6.5 | 6.7 | 87 | | 0.16 | 27 | | 23.55 | 21.14 | 15.77 |
| 27.0 | 0805 | 4.0 | | | 0.24 | 1.8 | | 6.5 | 6.7 | 87 | | 0.17 | 29 | | 23.57 | 21.13 | 15.78 |
| 27.0 | 0805 | 5.0 | | | 0.24 | 1.8 | | 6.6 | 6.7 | 87 | | 0.21 | 36 | | 23.62 | 21.09 | 15.83 |
| 27.0 | 0805 | 6.0 | | | 0.25 | 1.9 | | 6.6 | 6.7 | 87 | | 0.26 | 46 | | 23.66 | 21.05 | 15.88 |
| 27.0 | 0805 | 7.0 | | | 0.26 | 2.0 | | 6.6 | 6.7 | 87 | | 0.36 | 64 | | 23.70 | 21.02 | 15.91 |
| 27.0 | 0805 | 8.0 | | | 0.27 | 2.1 | | 6.6 | 6.8 | 87 | | 0.38 | 69 | | 23.71 | 21.02 | 15.92 |
| 27.0 | 0805 | 9.0 | | | 0.27 | 2.1 | | 6.6 | 6.8 | 88 | | 0.43 | 77 | | 23.72 | 21.01 | 15.93 |
| 27.0 | 0805 | 10.0 | | | 0.27 | 2.1 | | 6.6 | 6.8 | 88 | | 0.46 | 82 | | 23.72 | 21.01 | 15.93 |
| 27.0 | 0805 | 11.0 | | | 0.27 | 2.1 | | 6.6 | 6.8 | 88 | | 0.44 | 80 | | 23.72 | 21.01 | 15.93 |
| 25.0 | 0830 | 1.0 | | | 0.22 | 1.6 | | 6.8 | 7.0 | 90 | | 0.08 | 11 | 1.3 | 24.51 | 20.33 | 16.70 |
| 25.0 | 0830 | 2.0 | | | 0.23 | 1.6 | | 6.8 | 7.0 | 90 | | 0.08 | 11 | | 24.52 | 20.32 | 16.71 |
| 25.0 | 0830 | 3.0 | | | 0.23 | 1.7 | | 6.8 | 7.0 | 90 | | 0.08 | 11 | | 24.51 | 20.33 | 16.70 |
| 25.0 | 0830 | 4.0 | | | 0.22 | 1.5 | | 6.8 | 7.1 | 91 | | 0.08 | 11 | | 24.55 | 20.30 | 16.74 |
| 25.0 | 0830 | 5.0 | | | 0.21 | 1.5 | | 6.9 | 7.1 | 91 | | 0.08 | 12 | | 24.56 | 20.29 | 16.75 |
| 25.0 | 0830 | 6.0 | | | 0.21 | 1.4 | | 6.9 | 7.1 | 91 | | 0.09 | 13 | | 24.57 | 20.28 | 16.75 |
| 25.0 | 0830 | 7.0 | | | 0.22 | 1.5 | | 6.9 | 7.1 | 91 | | 0.09 | 13 | | 24.57 | 20.28 | 16.76 |
| 25.0 | 0830 | 8.0 | | | 0.22 | 1.6 | | 6.9 | 7.1 | 91 | | 0.09 | 14 | | 24.57 | 20.28 | 16.76 |
| 24.0 | 0845 | 1.0 | | | 0.19 | 1.3 | | 6.8 | 7.1 | 90 | | 0.05 | 5 | 1.0 | 25.10 | 19.81 | 17.27 |
| 24.0 | 0845 | 2.0 | 1.2 | 0.63 | 0.19 | 1.3 | 7.0 | 6.9 | 7.1 | 90 | 8.5 | 0.05 | 5 | | 25.11 | 19.79 | 17.29 |
| 24.0 | 0845 | 3.0 | | | 0.19 | 1.3 | | 6.9 | 7.1 | 90 | | 0.05 | 6 | | 25.12 | 19.78 | 17.30 |
| 24.0 | 0845 | 4.0 | | | 0.18 | 1.2 | | 6.9 | 7.1 | 91 | | 0.05 | 7 | | 25.15 | 19.76 | 17.33 |
| 24.0 | 0845 | 5.0 | | | 0.18 | 1.2 | | 6.9 | 7.1 | 91 | | 0.05 | 7 | | 25.16 | 19.76 | 17.33 |
| 24.0 | 0845 | 6.0 | | | 0.19 | 1.2 | | 6.9 | 7.1 | 91 | | 0.06 | 7 | | 25.16 | 19.76 | 17.34 |

South San Francisco Bay August 11, 1998 98223

| 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 | 0845 | 7.0 | | | 0.19 | 1.2 | | 6.9 | 7.1 | 91 | | 0.06 | 7 | | 25.19 | 19.75 | 17.36 |
| 24.0 | 0845 | 8.0 | | | 0.19 | 1.2 | | 6.9 | 7.1 | 91 | | 0.06 | 8 | | 25.18 | 19.75 | 17.36 |
| 24.0 | 0845 | 9.0 | | | 0.18 | 1.2 | | 6.9 | 7.1 | 91 | | 0.06 | 8 | | 25.19 | 19.74 | 17.36 |
| 24.0 | 0845 | 10.0 | 1.1 | 0.58 | 0.18 | 1.2 | | 6.9 | 7.2 | 91 | | 0.06 | 8 | | 25.20 | 19.74 | 17.37 |
| 22.0 | 0911 | 1.0 | | | 0.19 | 1.3 | | 6.9 | 7.2 | 91 | | 0.03 | 2 | 0.8 | 26.08 | 19.04 | 18.21 |
| 22.0 | 0911 | 2.0 | | | 0.19 | 1.3 | | 7.0 | 7.2 | 91 | | 0.03 | 2 | | 26.10 | 18.99 | 18.24 |
| 22.0 | 0911 | 3.0 | | | 0.19 | 1.3 | | 7.0 | 7.2 | 91 | | 0.03 | 3 | | 26.11 | 18.98 | 18.25 |
| 22.0 | 0911 | 4.0 | | | 0.18 | 1.2 | | 7.0 | 7.2 | 91 | | 0.03 | 3 | | 26.12 | 18.97 | 18.26 |
| 22.0 | 0911 | 5.0 | | | 0.18 | 1.2 | | 7.0 | 7.2 | 91 | | 0.03 | 3 | | 26.13 | 18.95 | 18.27 |
| 22.0 | 0911 | 6.0 | | | 0.18 | 1.2 | | 7.0 | 7.2 | 91 | | 0.03 | 3 | | 26.14 | 18.94 | 18.28 |
| 22.0 | 0911 | 7.0 | | | 0.18 | 1.2 | | 7.0 | 7.2 | 91 | | 0.03 | 3 | | 26.17 | 18.92 | 18.31 |
| 22.0 | 0911 | 8.0 | | | 0.18 | 1.1 | | 7.0 | 7.2 | 91 | | 0.03 | 3 | | 26.21 | 18.87 | 18.35 |
| 22.0 | 0911 | 9.0 | | | 0.17 | 1.1 | | 7.0 | 7.2 | 91 | | 0.03 | 3 | | 26.27 | 18.82 | 18.41 |
| 22.0 | 0911 | 10.0 | | | 0.17 | 1.1 | | 7.0 | 7.2 | 91 | | 0.04 | 3 | | 26.33 | 18.76 | 18.47 |
| 22.0 | 0911 | 11.0 | | | 0.17 | 1.1 | | 7.0 | 7.3 | 91 | | 0.04 | 4 | | 26.41 | 18.69 | 18.54 |
| 22.0 | 0911 | 12.0 | | | 0.17 | 1.1 | | 7.0 | 7.3 | 91 | | 0.04 | 4 | | 26.44 | 18.65 | 18.58 |
| 22.0 | 0911 | 13.0 | | | 0.18 | 1.1 | | 7.0 | 7.3 | 91 | | 0.04 | 3 | | 26.47 | 18.62 | 18.61 |
| 22.0 | 0911 | 14.0 | | | 0.18 | 1.2 | | 7.0 | 7.3 | 92 | | 0.04 | 4 | | 26.49 | 18.61 | 18.62 |
| 22.0 | 0911 | 15.0 | | | 0.18 | 1.2 | | 7.1 | 7.3 | 92 | | 0.04 | 4 | | 26.50 | 18.59 | 18.64 |
| 22.0 | 0911 | 16.0 | | | 0.18 | 1.2 | | 7.1 | 7.3 | 92 | | 0.04 | 3 | | 26.51 | 18.59 | 18.64 |
| 22.0 | 0911 | 17.0 | | | 0.18 | 1.2 | | 7.1 | 7.3 | 92 | | 0.04 | 4 | | 26.52 | 18.58 | 18.65 |
| 21.0 | 0924 | 1.0 | | | 0.25 | 1.9 | | 6.8 | 7.0 | 90 | | 0.03 | 3 | 0.8 | 25.56 | 19.69 | 17.66 |
| 21.0 | 0924 | 2.0 | 1.8 | 0.74 | 0.25 | 1.8 | 7.0 | 6.9 | 7.1 | 90 | 5.4 | 0.04 | 3 | | 25.60 | 19.64 | 17.70 |
| 21.0 | 0924 | 3.0 | | | 0.24 | 1.8 | | 6.9 | 7.1 | 91 | | 0.04 | 3 | | 25.59 | 19.65 | 17.69 |
| 21.0 | 0924 | 4.0 | | | 0.25 | 1.9 | | 6.9 | 7.1 | 90 | | 0.04 | 3 | | 25.53 | 19.73 | 17.62 |
| 21.0 | 0924 | 5.0 | | | 0.24 | 1.8 | | 6.7 | 6.9 | 89 | | 0.03 | 3 | | 25.58 | 19.67 | 17.67 |
| 21.0 | 0924 | 6.0 | | | 0.22 | 1.6 | | 6.7 | 6.9 | 87 | | 0.03 | 3 | | 25.73 | 19.48 | 17.84 |
| 21.0 | 0924 | 7.0 | | | 0.20 | 1.4 | | 6.8 | 7.0 | 88 | | 0.03 | 3 | | 26.10 | 19.06 | 18.22 |
| 21.0 | 0924 | 8.0 | | | 0.19 | 1.3 | | 6.8 | 7.0 | 89 | | 0.04 | 3 | | 26.20 | 18.97 | 18.32 |
| 21.0 | 0924 | 9.0 | | | 0.19 | 1.3 | | 6.9 | 7.1 | 89 | | 0.04 | 4 | | 26.24 | 18.93 | 18.36 |
| 21.0 | 0924 | 10.0 | | | 0.19 | 1.3 | | 6.9 | 7.1 | 90 | | 0.04 | 4 | | 26.26 | 18.91 | 18.38 |
| 21.0 | 0924 | 11.0 | | | 0.19 | 1.3 | | 6.9 | 7.1 | 90 | | 0.04 | 4 | | 26.28 | 18.90 | 18.39 |
| 21.0 | 0924 | 12.0 | | | 0.19 | 1.3 | | 6.9 | 7.2 | 90 | | 0.04 | 4 | | 26.28 | 18.89 | 18.40 |
| 21.0 | 0924 | 13.0 | | | 0.19 | 1.3 | | 6.9 | 7.2 | 90 | | 0.04 | 4 | | 26.28 | 18.89 | 18.40 |
| 21.0 | 0924 | 14.0 | | | 0.20 | 1.3 | | 7.0 | 7.2 | 91 | | 0.04 | 5 | | 26.29 | 18.89 | 18.41 |
| 21.0 | 0924 | 15.0 | | | 0.20 | 1.4 | | 7.0 | 7.2 | 91 | | 0.04 | 5 | | 26.30 | 18.88 | 18.41 |
| 21.0 | 0924 | 16.0 | | | 0.20 | 1.4 | | 7.0 | 7.2 | 91 | | 0.04 | 5 | | 26.30 | 18.88 | 18.41 |
| 21.0 | 0924 | 17.0 | 1.4 | 0.63 | 0.20 | 1.4 | | 7.0 | 7.2 | 91 | | 0.04 | 5 | | 26.30 | 18.88 | 18.41 |

South San Francisco Bay | August 11, 1998 | 98223

| | n | r^2 | Slope | Inter. | Std. Err. |
|---|---|---|---|---|---|
| Fluorometer Calibration: | 11 | 0.974 | 10.135 | -0.646 | 0.489 |
| OBS Calibration: | 6 | 0.957 | 188.208 | -3.360 | 12.980 |
| Dissolved Oxygen Calibration: | 6 | 0.965 | 1.147 | -0.788 | 0.090 |

SeaBird v4.026

North San Francisco Bay September 1, 1998 98244

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 649.0 | 1709 | 1.0 | | | 0.31 | 2.8 | | 8.3 | 8.7 | 99 | | 0.09 | 12 | 1.6 | 0.07 | 21.59 | 0.00 |
| 649.0 | 1709 | 2.0 | 3.6 | 0.59 | 0.31 | 2.7 | 8.5 | 8.3 | 8.8 | 100 | 5.9 | 0.09 | 12 | | 0.07 | 21.61 | 0.00 |
| 649.0 | 1709 | 3.0 | | | 0.30 | 2.7 | | 8.2 | 8.7 | 99 | | 0.09 | 12 | | 0.07 | 21.58 | 0.00 |
| 649.0 | 1709 | 4.0 | | | 0.29 | 2.6 | | 8.2 | 8.7 | 99 | | 0.09 | 12 | | 0.07 | 21.50 | 0.00 |
| 649.0 | 1709 | 5.0 | | | 0.28 | 2.4 | | 8.2 | 8.7 | 98 | | 0.09 | 13 | | 0.07 | 21.44 | 0.00 |
| 649.0 | 1709 | 6.0 | | | 0.27 | 2.3 | | 8.2 | 8.7 | 98 | | 0.10 | 13 | | 0.07 | 21.31 | 0.00 |
| 649.0 | 1709 | 7.0 | | | 0.26 | 2.3 | | 8.2 | 8.7 | 98 | | 0.11 | 14 | | 0.07 | 21.25 | 0.00 |
| 649.0 | 1709 | 8.0 | | | 0.27 | 2.3 | | 8.2 | 8.7 | 98 | | 0.11 | 15 | | 0.07 | 21.25 | 0.00 |
| 649.0 | 1709 | 9.0 | | | 0.27 | 2.3 | | 8.2 | 8.7 | 98 | | 0.12 | 15 | | 0.07 | 21.25 | 0.00 |
| 649.0 | 1709 | 10.0 | | | 0.27 | 2.3 | | 8.2 | 8.7 | 98 | | 0.12 | 15 | | 0.07 | 21.23 | 0.00 |
| 649.0 | 1709 | 11.0 | | | 0.26 | 2.3 | | 8.2 | 8.7 | 98 | | 0.12 | 16 | | 0.07 | 21.23 | 0.00 |
| 649.0 | 1709 | 12.0 | 2.3 | 0.54 | 0.26 | 2.3 | | 8.2 | 8.7 | 98 | | 0.11 | 15 | | 0.07 | 21.24 | 0.00 |
| 2.0 | 1646 | 1.0 | | | 0.32 | 2.9 | | 8.1 | 8.6 | 98 | | 0.11 | 15 | 1.8 | 0.08 | 21.96 | 0.00 |
| 2.0 | 1646 | 2.0 | | | 0.32 | 2.9 | | 8.1 | 8.6 | 98 | | 0.11 | 14 | | 0.08 | 21.96 | 0.00 |
| 2.0 | 1646 | 3.0 | | | 0.32 | 2.8 | | 8.1 | 8.6 | 98 | | 0.11 | 15 | | 0.08 | 21.95 | 0.00 |
| 2.0 | 1646 | 4.0 | | | 0.31 | 2.8 | | 8.1 | 8.6 | 98 | | 0.12 | 15 | | 0.08 | 21.95 | 0.00 |
| 2.0 | 1646 | 5.0 | | | 0.31 | 2.7 | | 8.0 | 8.5 | 97 | | 0.12 | 15 | | 0.08 | 21.88 | 0.00 |
| 2.0 | 1646 | 6.0 | | | 0.30 | 2.7 | | 8.1 | 8.5 | 97 | | 0.13 | 17 | | 0.08 | 21.76 | 0.00 |
| 2.0 | 1646 | 7.0 | | | 0.31 | 2.7 | | 8.1 | 8.5 | 97 | | 0.15 | 20 | | 0.08 | 21.71 | 0.00 |
| 2.0 | 1646 | 8.0 | | | 0.32 | 2.8 | | 8.1 | 8.5 | 97 | | 0.16 | 21 | | 0.08 | 21.69 | 0.00 |
| 2.0 | 1646 | 9.0 | | | 0.32 | 2.9 | | 8.1 | 8.6 | 98 | | 0.19 | 24 | | 0.08 | 21.68 | 0.00 |
| 2.0 | 1646 | 10.0 | | | 0.33 | 2.9 | | 8.1 | 8.6 | 98 | | 0.22 | 28 | | 0.08 | 21.68 | 0.00 |
| 2.0 | 1646 | 11.0 | | | 0.33 | 2.9 | | 8.1 | 8.6 | 98 | | 0.24 | 30 | | 0.08 | 21.68 | 0.00 |
| 2.0 | 1646 | 12.0 | | | 0.33 | 2.9 | | 8.1 | 8.5 | 97 | | 0.24 | 30 | | 0.08 | 21.69 | 0.00 |
| 3.0 | 1614 | 1.0 | | | 0.31 | 2.8 | | 8.0 | 8.4 | 97 | | 0.13 | 17 | 1.8 | 0.09 | 21.90 | 0.00 |
| 3.0 | 1614 | 2.0 | 3.4 | 0.69 | 0.31 | 2.8 | 8.3 | 8.0 | 8.5 | 97 | 16.9 | 0.13 | 16 | | 0.09 | 21.90 | 0.00 |
| 3.0 | 1614 | 3.0 | | | 0.31 | 2.7 | | 8.0 | 8.5 | 97 | | 0.13 | 17 | | 0.09 | 21.88 | 0.00 |
| 3.0 | 1614 | 4.0 | | | 0.30 | 2.6 | | 8.0 | 8.5 | 97 | | 0.13 | 17 | | 0.09 | 21.87 | 0.00 |
| 3.0 | 1614 | 5.0 | | | 0.29 | 2.6 | | 8.0 | 8.5 | 97 | | 0.13 | 17 | | 0.09 | 21.85 | 0.00 |
| 3.0 | 1614 | 6.0 | | | 0.30 | 2.6 | | 8.0 | 8.5 | 97 | | 0.13 | 17 | | 0.09 | 21.83 | 0.00 |
| 3.0 | 1614 | 7.0 | | | 0.31 | 2.7 | | 8.0 | 8.4 | 97 | | 0.14 | 18 | | 0.10 | 21.82 | 0.00 |
| 3.0 | 1614 | 8.0 | | | 0.31 | 2.7 | | 8.0 | 8.4 | 96 | | 0.14 | 18 | | 0.10 | 21.80 | 0.00 |
| 3.0 | 1614 | 9.0 | | | 0.32 | 2.8 | | 7.9 | 8.3 | 95 | | 0.14 | 19 | | 0.11 | 21.71 | 0.00 |
| 3.0 | 1614 | 10.0 | | | 0.33 | 2.9 | | 7.9 | 8.4 | 95 | | 0.16 | 20 | | 0.14 | 21.49 | 0.00 |
| 3.0 | 1614 | 11.0 | | | 0.34 | 3.0 | | 8.0 | 8.4 | 96 | | 0.18 | 23 | | 0.15 | 21.43 | 0.00 |
| 3.0 | 1614 | 12.0 | | | 0.34 | 3.0 | | 8.0 | 8.5 | 96 | | 0.19 | 25 | | 0.16 | 21.42 | 0.00 |
| 3.0 | 1614 | 13.0 | 3.5 | 0.60 | 0.34 | 3.0 | | 8.1 | 8.5 | 96 | | 0.21 | 27 | | 0.16 | 21.42 | 0.00 |
| 4.0 | 1547 | 1.0 | | | 0.37 | 3.3 | | 8.2 | 8.7 | 100 | | 0.20 | 26 | 2.9 | 0.31 | 22.28 | 0.00 |
| 4.0 | 1547 | 2.0 | | | 0.36 | 3.3 | | 8.2 | 8.6 | 100 | | 0.19 | 25 | | 0.32 | 22.26 | 0.00 |
| 4.0 | 1547 | 3.0 | | | 0.35 | 3.2 | | 8.1 | 8.6 | 99 | | 0.19 | 25 | | 0.33 | 22.20 | 0.00 |

North San Francisco Bay September 1, 1998 98244

| 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 | 1547 | 4.0 | | | 0.34 | 3.1 | | 8.1 | 8.5 | 98 | | 0.19 | 25 | | 0.35 | 22.08 | 0.00 |
| 4.0 | 1547 | 5.0 | | | 0.33 | 2.9 | | 8.1 | 8.6 | 98 | | 0.19 | 24 | | 0.40 | 21.90 | 0.00 |
| 4.0 | 1547 | 6.0 | | | 0.33 | 2.9 | | 8.1 | 8.6 | 98 | | 0.19 | 24 | | 0.41 | 21.83 | 0.00 |
| 4.0 | 1547 | 7.0 | | | 0.33 | 2.9 | | 8.1 | 8.6 | 98 | | 0.19 | 25 | | 0.41 | 21.80 | 0.00 |
| 4.0 | 1547 | 8.0 | | | 0.33 | 3.0 | | 8.1 | 8.5 | 98 | | 0.19 | 24 | | 0.40 | 21.80 | 0.00 |
| 4.0 | 1547 | 9.0 | | | 0.33 | 3.0 | | 8.0 | 8.5 | 97 | | 0.19 | 25 | | 0.40 | 21.72 | 0.00 |
| 4.0 | 1547 | 10.0 | | | 0.32 | 2.9 | | 8.1 | 8.5 | 97 | | 0.20 | 25 | | 0.45 | 21.55 | 0.00 |
| 4.0 | 1547 | 11.0 | | | 0.32 | 2.8 | | 8.1 | 8.6 | 98 | | 0.19 | 25 | | 0.55 | 21.54 | 0.00 |
| 4.0 | 1547 | 12.0 | | | 0.31 | 2.8 | | 8.1 | 8.6 | 98 | | 0.20 | 25 | | 0.56 | 21.55 | 0.00 |
| 4.0 | 1547 | 13.0 | | | 0.31 | 2.8 | | 8.1 | 8.6 | 98 | | 0.20 | 25 | | 0.56 | 21.55 | 0.00 |
| 4.0 | 1547 | 14.0 | | | 0.31 | 2.8 | | 8.1 | 8.6 | 98 | | 0.20 | 25 | | 0.62 | 21.55 | 0.00 |
| 4.0 | 1547 | 15.0 | | | 0.31 | 2.8 | | 8.1 | 8.6 | 98 | | 0.21 | 26 | | 0.66 | 21.54 | 0.00 |
| 4.0 | 1547 | 16.0 | | | 0.31 | 2.8 | | 8.1 | 8.5 | 98 | | 0.22 | 27 | | 0.69 | 21.54 | 0.00 |
| 5.0 | 1527 | 1.0 | | | 0.30 | 2.7 | | 8.2 | 8.7 | 99 | | 0.22 | 28 | 2.9 | 1.19 | 21.61 | 0.00 |
| 5.0 | 1527 | 2.0 | | | 0.30 | 2.7 | | 8.1 | 8.5 | 98 | | 0.22 | 27 | | 1.20 | 21.56 | 0.00 |
| 5.0 | 1527 | 3.0 | | | 0.29 | 2.6 | | 8.1 | 8.6 | 98 | | 0.20 | 25 | | 1.29 | 21.35 | 0.00 |
| 5.0 | 1527 | 4.0 | | | 0.28 | 2.5 | | 8.2 | 8.6 | 99 | | 0.19 | 24 | | 1.48 | 21.34 | 0.00 |
| 5.0 | 1527 | 5.0 | | | 0.28 | 2.4 | | 8.1 | 8.6 | 98 | | 0.19 | 24 | | 1.73 | 21.40 | 0.00 |
| 5.0 | 1527 | 6.0 | | | 0.28 | 2.5 | | 8.1 | 8.5 | 97 | | 0.19 | 24 | | 1.95 | 21.38 | 0.00 |
| 5.0 | 1527 | 7.0 | | | 0.28 | 2.4 | | 8.1 | 8.5 | 98 | | 0.19 | 24 | | 2.02 | 21.31 | 0.00 |
| 5.0 | 1527 | 8.0 | | | 0.27 | 2.4 | | 8.1 | 8.5 | 97 | | 0.19 | 25 | | 2.23 | 21.27 | 0.00 |
| 5.0 | 1527 | 9.0 | | | 0.27 | 2.3 | | 8.0 | 8.5 | 97 | | 0.20 | 26 | | 2.36 | 21.27 | 0.00 |
| 5.0 | 1527 | 10.0 | | | 0.27 | 2.3 | | 8.0 | 8.5 | 97 | | 0.21 | 26 | | 2.48 | 21.27 | 0.00 |
| 5.0 | 1527 | 11.0 | | | 0.27 | 2.3 | | 8.0 | 8.5 | 97 | | 0.21 | 26 | | 2.63 | 21.20 | 0.00 |
| 6.0 | 1505 | 1.0 | | | 0.28 | 2.4 | | 8.0 | 8.5 | 98 | | 0.19 | 23 | 2.4 | 2.01 | 21.76 | 0.00 |
| 6.0 | 1505 | 2.0 | 2.6 | 0.61 | 0.27 | 2.4 | 8.4 | 8.0 | 8.4 | 97 | 25.2 | 0.19 | 24 | | 3.29 | 21.60 | 0.36 |
| 6.0 | 1505 | 3.0 | | | 0.26 | 2.2 | | 7.8 | 8.2 | 95 | | 0.18 | 23 | | 4.00 | 21.31 | 0.96 |
| 6.0 | 1505 | 4.0 | | | 0.24 | 2.0 | | 7.9 | 8.3 | 96 | | 0.17 | 21 | | 4.50 | 20.98 | 1.41 |
| 6.0 | 1505 | 5.0 | | | 0.23 | 2.0 | | 7.9 | 8.3 | 96 | | 0.16 | 20 | | 4.66 | 20.90 | 1.55 |
| 6.0 | 1505 | 6.0 | | | 0.23 | 1.9 | | 7.9 | 8.3 | 96 | | 0.15 | 19 | | 4.86 | 20.85 | 1.72 |
| 6.0 | 1505 | 7.0 | | | 0.23 | 1.9 | | 7.8 | 8.3 | 95 | | 0.15 | 20 | | 5.18 | 20.76 | 1.97 |
| 6.0 | 1505 | 8.0 | | | 0.22 | 1.8 | | 7.8 | 8.2 | 95 | | 0.17 | 21 | | 5.68 | 20.64 | 2.38 |
| 6.0 | 1505 | 9.0 | | | 0.23 | 1.9 | | 7.8 | 8.2 | 95 | | 0.18 | 23 | | 6.33 | 20.58 | 2.89 |
| 6.0 | 1505 | 10.0 | | | 0.23 | 1.9 | | 7.8 | 8.2 | 95 | | 0.21 | 26 | | 6.82 | 20.51 | 3.28 |
| 6.0 | 1505 | 11.0 | 2.0 | 0.44 | 0.23 | 1.9 | | 7.8 | 8.2 | 95 | | 0.25 | 32 | | 7.07 | 20.47 | 3.47 |
| 7.0 | 1439 | 1.0 | | | 0.25 | 2.1 | | 7.7 | 8.0 | 94 | | 0.18 | 23 | 2.1 | 5.68 | 21.22 | 2.25 |
| 7.0 | 1439 | 2.0 | | | 0.25 | 2.1 | | 7.7 | 8.1 | 95 | | 0.14 | 18 | | 7.75 | 20.87 | 3.90 |
| 7.0 | 1439 | 3.0 | | | 0.24 | 2.0 | | 7.6 | 8.0 | 94 | | 0.14 | 18 | | 9.20 | 20.72 | 5.03 |
| 7.0 | 1439 | 4.0 | | | 0.22 | 1.9 | | 7.6 | 7.9 | 93 | | 0.12 | 15 | | 9.63 | 20.48 | 5.40 |
| 7.0 | 1439 | 5.0 | | | 0.21 | 1.7 | | 7.5 | 7.9 | 92 | | 0.11 | 15 | | 9.96 | 20.20 | 5.72 |

North San Francisco Bay | September 1, 1998 | 98244

| 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 | 6.0 | | | 0.20 | 1.7 | | 7.5 | 7.9 | 92 | | 0.12 | 15 | | 10.88 | 19.98 | 6.46 |
| 7.0 | 1439 | 7.0 | | | 0.20 | 1.6 | | 7.5 | 7.9 | 93 | | 0.13 | 17 | | 11.81 | 19.84 | 7.20 |
| 7.0 | 1439 | 8.0 | | | 0.20 | 1.6 | | 7.5 | 7.9 | 93 | | 0.13 | 17 | | 11.99 | 19.82 | 7.34 |
| 7.0 | 1439 | 9.0 | | | 0.20 | 1.6 | | 7.6 | 7.9 | 94 | | 0.14 | 18 | | 12.07 | 19.80 | 7.41 |
| 7.0 | 1439 | 10.0 | | | 0.20 | 1.6 | | 7.6 | 7.9 | 93 | | 0.14 | 19 | | 12.09 | 19.80 | 7.42 |
| 7.0 | 1439 | 11.0 | | | 0.20 | 1.6 | | 7.6 | 7.9 | 93 | | 0.15 | 19 | | 12.10 | 19.80 | 7.43 |
| 7.0 | 1439 | 12.0 | | | 0.20 | 1.6 | | 7.6 | 7.9 | 94 | | 0.15 | 19 | | 12.12 | 19.80 | 7.44 |
| 7.0 | 1439 | 13.0 | | | 0.20 | 1.6 | | 7.6 | 7.9 | 93 | | 0.15 | 20 | | 12.15 | 19.79 | 7.47 |
| 7.0 | 1439 | 14.0 | | | 0.20 | 1.6 | | 7.6 | 7.9 | 93 | | 0.16 | 20 | | 12.27 | 19.77 | 7.56 |
| 7.0 | 1439 | 15.0 | | | 0.21 | 1.8 | | 7.6 | 7.9 | 93 | | 0.17 | 21 | | 12.37 | 19.76 | 7.64 |
| 7.0 | 1439 | 16.0 | | | 0.22 | 1.8 | | 7.6 | 7.9 | 93 | | 0.17 | 22 | | 12.48 | 19.75 | 7.72 |
| 8.0 | 1415 | 1.0 | | | 0.33 | 3.0 | | 8.0 | 8.4 | 99 | | 0.10 | 14 | 1.6 | 9.64 | 20.64 | 5.38 |
| 8.0 | 1415 | 2.0 | | | 0.34 | 3.0 | | 7.9 | 8.4 | 99 | | 0.10 | 13 | | 9.75 | 20.58 | 5.47 |
| 8.0 | 1415 | 3.0 | | | 0.32 | 2.8 | | 7.8 | 8.2 | 96 | | 0.10 | 13 | | 9.86 | 20.52 | 5.57 |
| 8.0 | 1415 | 4.0 | | | 0.28 | 2.4 | | 7.7 | 8.0 | 95 | | 0.10 | 14 | | 10.51 | 20.25 | 6.12 |
| 8.0 | 1415 | 5.0 | | | 0.27 | 2.3 | | 7.7 | 8.0 | 95 | | 0.12 | 15 | | 11.76 | 19.90 | 7.15 |
| 8.0 | 1415 | 6.0 | | | 0.26 | 2.3 | | 7.6 | 8.0 | 94 | | 0.12 | 15 | | 12.82 | 19.74 | 7.99 |
| 8.0 | 1415 | 7.0 | | | 0.26 | 2.2 | | 7.6 | 7.9 | 94 | | 0.13 | 17 | | 13.93 | 19.57 | 8.86 |
| 8.0 | 1415 | 8.0 | | | 0.26 | 2.2 | | 7.6 | 7.9 | 94 | | 0.14 | 18 | | 14.32 | 19.51 | 9.17 |
| 8.0 | 1415 | 9.0 | | | 0.27 | 2.3 | | 7.6 | 7.9 | 94 | | 0.14 | 19 | | 14.68 | 19.44 | 9.46 |
| 8.0 | 1415 | 10.0 | | | 0.27 | 2.3 | | 7.6 | 7.9 | 94 | | 0.15 | 19 | | 15.13 | 19.36 | 9.82 |
| 8.0 | 1415 | 11.0 | | | 0.27 | 2.3 | | 7.5 | 7.9 | 94 | | 0.15 | 19 | | 15.37 | 19.33 | 10.01 |
| 8.0 | 1415 | 12.0 | | | 0.26 | 2.2 | | 7.6 | 7.9 | 94 | | 0.15 | 20 | | 15.61 | 19.28 | 10.21 |
| 8.0 | 1415 | 13.0 | | | 0.25 | 2.1 | | 7.6 | 7.9 | 94 | | 0.16 | 20 | | 15.71 | 19.25 | 10.29 |
| 8.0 | 1415 | 14.0 | | | 0.25 | 2.1 | | 7.6 | 7.9 | 95 | | 0.17 | 22 | | 15.82 | 19.22 | 10.37 |
| 9.0 | 1350 | 1.0 | | | 0.44 | 4.1 | | 8.0 | 8.4 | 100 | | 0.09 | 12 | 1.4 | 10.26 | 20.74 | 5.82 |
| 9.0 | 1350 | 2.0 | 3.2 | 0.79 | 0.44 | 4.1 | 8.2 | 7.8 | 8.2 | 98 | 12.2 | 0.09 | 12 | | 10.60 | 20.59 | 6.11 |
| 9.0 | 1350 | 3.0 | | | 0.39 | 3.5 | | 7.8 | 8.2 | 97 | | 0.09 | 12 | | 11.48 | 20.25 | 6.86 |
| 9.0 | 1350 | 4.0 | | | 0.34 | 3.1 | | 7.6 | 8.0 | 95 | | 0.09 | 12 | | 12.47 | 19.98 | 7.67 |
| 9.0 | 1350 | 5.0 | | | 0.32 | 2.9 | | 7.6 | 8.0 | 95 | | 0.10 | 13 | | 14.27 | 19.61 | 9.11 |
| 9.0 | 1350 | 6.0 | | | 0.30 | 2.7 | | 7.6 | 8.0 | 96 | | 0.11 | 15 | | 14.93 | 19.48 | 9.64 |
| 9.0 | 1350 | 7.0 | | | 0.30 | 2.6 | | 7.6 | 8.0 | 95 | | 0.13 | 17 | | 15.06 | 19.46 | 9.74 |
| 9.0 | 1350 | 8.0 | | | 0.29 | 2.5 | | 7.6 | 8.0 | 95 | | 0.14 | 18 | | 15.38 | 19.40 | 10.00 |
| 9.0 | 1350 | 9.0 | | | 0.28 | 2.5 | | 7.6 | 8.0 | 96 | | 0.13 | 17 | | 15.68 | 19.35 | 10.24 |
| 9.0 | 1350 | 10.0 | | | 0.28 | 2.4 | | 7.6 | 8.0 | 96 | | 0.13 | 16 | | 15.81 | 19.33 | 10.34 |
| 9.0 | 1350 | 11.0 | | | 0.27 | 2.4 | | 7.6 | 8.0 | 96 | | 0.13 | 17 | | 15.92 | 19.31 | 10.43 |
| 9.0 | 1350 | 12.0 | | | 0.27 | 2.3 | | 7.6 | 8.0 | 95 | | 0.14 | 18 | | 15.93 | 19.31 | 10.44 |
| 9.0 | 1350 | 13.0 | | | 0.27 | 2.3 | | 7.6 | 8.0 | 95 | | 0.14 | 18 | | 15.99 | 19.29 | 10.49 |
| 9.0 | 1350 | 14.0 | | | 0.27 | 2.3 | | 7.6 | 7.9 | 95 | | 0.15 | 19 | | 16.05 | 19.28 | 10.53 |
| 9.0 | 1350 | 15.0 | | | 0.26 | 2.2 | | 7.5 | 7.9 | 94 | | 0.16 | 20 | | 16.15 | 19.26 | 10.61 |
| 9.0 | 1350 | 16.0 | | | 0.25 | 2.1 | | 7.5 | 7.8 | 94 | | 0.16 | 20 | | 16.86 | 19.12 | 11.19 |

North San Francisco Bay September 1, 1998 98244

| 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 | | | 0.25 | 2.1 | | 7.5 | 7.8 | 94 | | 0.17 | 21 | | 16.99 | 19.10 | 11.29 |
| 9.0 | 1350 | 18.0 | | | 0.25 | 2.1 | | 7.5 | 7.8 | 94 | | 0.17 | 22 | | 17.13 | 19.07 | 11.40 |
| 9.0 | 1350 | 19.0 | | | 0.25 | 2.1 | | 7.5 | 7.8 | 94 | | 0.18 | 23 | | 17.25 | 19.06 | 11.50 |
| 9.0 | 1350 | 20.0 | | | 0.25 | 2.2 | | 7.5 | 7.8 | 94 | | 0.21 | 26 | | 17.36 | 19.04 | 11.58 |
| 9.0 | 1350 | 21.0 | | | 0.26 | 2.2 | | 7.5 | 7.8 | 94 | | 0.23 | 29 | | 17.40 | 19.04 | 11.61 |
| 9.0 | 1350 | 22.0 | 1.5 | 0.47 | 0.25 | 2.2 | | 7.5 | 7.8 | 94 | | 0.25 | 31 | | 17.44 | 19.03 | 11.65 |
| 10.0 | 1336 | 1.0 | | | 0.33 | 3.0 | | 7.6 | 8.0 | 95 | | 0.10 | 13 | 1.5 | 12.59 | 20.17 | 7.72 |
| 10.0 | 1336 | 2.0 | | | 0.31 | 2.8 | | 7.6 | 8.0 | 95 | | 0.10 | 13 | | 14.04 | 19.76 | 8.90 |
| 10.0 | 1336 | 3.0 | | | 0.30 | 2.6 | | 7.6 | 8.0 | 96 | | 0.10 | 13 | | 14.65 | 19.58 | 9.41 |
| 10.0 | 1336 | 4.0 | | | 0.29 | 2.5 | | 7.7 | 8.0 | 96 | | 0.10 | 13 | | 14.92 | 19.51 | 9.63 |
| 10.0 | 1336 | 5.0 | | | 0.28 | 2.5 | | 7.7 | 8.0 | 96 | | 0.10 | 14 | | 15.03 | 19.48 | 9.72 |
| 10.0 | 1336 | 6.0 | | | 0.27 | 2.4 | | 7.6 | 8.0 | 95 | | 0.11 | 15 | | 15.15 | 19.44 | 9.82 |
| 10.0 | 1336 | 7.0 | | | 0.27 | 2.3 | | 7.6 | 8.0 | 95 | | 0.12 | 15 | | 15.68 | 19.35 | 10.24 |
| 10.0 | 1336 | 8.0 | | | 0.27 | 2.4 | | 7.6 | 7.9 | 95 | | 0.12 | 16 | | 16.10 | 19.27 | 10.57 |
| 10.0 | 1336 | 9.0 | | | 0.27 | 2.4 | | 7.6 | 7.9 | 95 | | 0.13 | 17 | | 16.44 | 19.20 | 10.85 |
| 10.0 | 1336 | 10.0 | | | 0.27 | 2.3 | | 7.6 | 7.9 | 95 | | 0.14 | 18 | | 16.73 | 19.14 | 11.09 |
| 10.0 | 1336 | 11.0 | | | 0.27 | 2.3 | | 7.5 | 7.9 | 94 | | 0.16 | 20 | | 17.05 | 19.09 | 11.34 |
| 10.0 | 1336 | 12.0 | | | 0.26 | 2.2 | | 7.5 | 7.9 | 94 | | 0.17 | 21 | | 17.67 | 18.99 | 11.83 |
| 10.0 | 1336 | 13.0 | | | 0.26 | 2.2 | | 7.5 | 7.8 | 94 | | 0.18 | 23 | | 17.86 | 18.96 | 11.98 |
| 10.0 | 1336 | 14.0 | | | 0.26 | 2.3 | | 7.5 | 7.8 | 94 | | 0.19 | 24 | | 17.99 | 18.94 | 12.09 |
| 10.0 | 1336 | 15.0 | | | 0.26 | 2.2 | | 7.5 | 7.8 | 94 | | 0.20 | 25 | | 18.04 | 18.94 | 12.13 |
| 10.0 | 1336 | 16.0 | | | 0.26 | 2.2 | | 7.5 | 7.8 | 94 | | 0.21 | 26 | | 18.20 | 18.91 | 12.25 |
| 10.0 | 1336 | 17.0 | | | 0.25 | 2.2 | | 7.4 | 7.8 | 93 | | 0.22 | 27 | | 18.41 | 18.88 | 12.42 |
| 10.0 | 1336 | 18.0 | | | 0.25 | 2.2 | | 7.4 | 7.7 | 93 | | 0.23 | 28 | | 18.46 | 18.87 | 12.46 |
| 10.0 | 1336 | 19.0 | | | 0.25 | 2.2 | | 7.4 | 7.7 | 93 | | 0.24 | 30 | | 18.52 | 18.86 | 12.51 |
| 10.0 | 1336 | 20.0 | | | 0.26 | 2.2 | | 7.4 | 7.7 | 93 | | 0.28 | 35 | | 18.64 | 18.84 | 12.60 |
| 10.0 | 1336 | 21.0 | | | 0.25 | 2.2 | | 7.4 | 7.7 | 93 | | 0.31 | 38 | | 18.69 | 18.84 | 12.64 |
| 10.0 | 1336 | 22.0 | | | 0.25 | 2.2 | | 7.4 | 7.7 | 93 | | 0.37 | 45 | | 18.74 | 18.83 | 12.68 |
| 11.0 | 1314 | 1.0 | | | 0.48 | 4.5 | | 7.5 | 7.8 | 94 | | 0.10 | 13 | 1.7 | 13.33 | 20.81 | 8.12 |
| 11.0 | 1314 | 2.0 | | | 0.47 | 4.3 | | 7.6 | 7.9 | 95 | | 0.09 | 13 | | 15.15 | 19.70 | 9.76 |
| 11.0 | 1314 | 3.0 | | | 0.39 | 3.5 | | 7.6 | 8.0 | 96 | | 0.08 | 12 | | 16.21 | 19.41 | 10.63 |
| 11.0 | 1314 | 4.0 | | | 0.32 | 2.9 | | 7.5 | 7.8 | 94 | | 0.08 | 11 | | 16.86 | 19.36 | 11.13 |
| 11.0 | 1314 | 5.0 | | | 0.28 | 2.5 | | 7.5 | 7.8 | 94 | | 0.07 | 10 | | 18.46 | 19.04 | 12.42 |
| 11.0 | 1314 | 6.0 | | | 0.26 | 2.3 | | 7.4 | 7.7 | 94 | | 0.07 | 10 | | 19.62 | 18.79 | 13.35 |
| 11.0 | 1314 | 7.0 | | | 0.25 | 2.1 | | 7.4 | 7.7 | 93 | | 0.08 | 11 | | 20.44 | 18.58 | 14.03 |
| 11.0 | 1314 | 8.0 | | | 0.24 | 2.0 | | 7.3 | 7.7 | 93 | | 0.08 | 11 | | 21.23 | 18.38 | 14.67 |
| 11.0 | 1314 | 9.0 | | | 0.23 | 1.9 | | 7.3 | 7.6 | 92 | | 0.08 | 11 | | 22.09 | 18.18 | 15.37 |
| 11.0 | 1314 | 10.0 | | | 0.23 | 2.0 | | 7.3 | 7.6 | 92 | | 0.10 | 13 | | 22.79 | 18.02 | 15.94 |
| 11.0 | 1314 | 11.0 | | | 0.24 | 2.0 | | 7.3 | 7.6 | 92 | | 0.12 | 15 | | 22.84 | 18.00 | 15.98 |
| 11.0 | 1314 | 12.0 | | | 0.25 | 2.1 | | 7.3 | 7.6 | 92 | | 0.14 | 19 | | 22.85 | 18.00 | 16.00 |
| 11.0 | 1314 | 13.0 | | | 0.26 | 2.2 | | 7.2 | 7.5 | 91 | | 0.17 | 22 | | 22.92 | 17.99 | 16.05 |

North San Francisco Bay | September 1, 1998 | 98244

| 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 | 1314 | 14.0 | | | 0.26 | 2.3 | | 7.2 | 7.5 | 91 | | 0.18 | 23 | | 23.11 | 17.94 | 16.21 |
| 11.0 | 1314 | 15.0 | | | 0.26 | 2.2 | | 7.3 | 7.6 | 92 | | 0.24 | 30 | | 23.32 | 17.89 | 16.38 |
| 12.0 | 1256 | 1.0 | | | 0.38 | 3.4 | | 7.9 | 8.3 | 101 | | 0.06 | 9 | 1.3 | 13.77 | 20.34 | 8.57 |
| 12.0 | 1256 | 2.0 | | | 0.37 | 3.4 | | 7.3 | 7.7 | 92 | | 0.07 | 9 | | 13.80 | 20.32 | 8.59 |
| 12.0 | 1256 | 3.0 | | | 0.33 | 3.0 | | 7.3 | 7.6 | 91 | | 0.07 | 9 | | 16.69 | 19.20 | 11.04 |
| 12.0 | 1256 | 4.0 | | | 0.31 | 2.7 | | 7.3 | 7.6 | 92 | | 0.06 | 9 | | 19.74 | 18.71 | 13.47 |
| 12.0 | 1256 | 5.0 | | | 0.29 | 2.5 | | 7.1 | 7.3 | 89 | | 0.06 | 8 | | 20.27 | 18.64 | 13.89 |
| 12.0 | 1256 | 6.0 | | | 0.26 | 2.2 | | 6.9 | 7.2 | 87 | | 0.05 | 7 | | 22.68 | 18.14 | 15.83 |
| 12.0 | 1256 | 7.0 | | | 0.23 | 2.0 | | 7.1 | 7.4 | 90 | | 0.05 | 7 | | 24.28 | 17.68 | 17.16 |
| 12.0 | 1256 | 8.0 | | | 0.23 | 1.9 | | 7.1 | 7.4 | 90 | | 0.06 | 9 | | 24.46 | 17.62 | 17.31 |
| 12.0 | 1256 | 9.0 | | | 0.23 | 1.9 | | 7.2 | 7.5 | 91 | | 0.07 | 10 | | 24.63 | 17.57 | 17.45 |
| 13.0 | 1232 | 1.0 | | | 2.29 | 23.1 | | 9.7 | 10.4 | 127 | | 0.05 | 7 | 1.5 | 16.43 | 20.19 | 10.61 |
| 13.0 | 1232 | 2.0 | 22.2 | 0.88 | 2.19 | 22.1 | 10.1 | 9.2 | 9.9 | 121 | 10.1 | 0.04 | 7 | | 16.51 | 20.14 | 10.69 |
| 13.0 | 1232 | 3.0 | | | 1.48 | 14.8 | | 9.0 | 9.6 | 116 | | 0.04 | 7 | | 17.92 | 19.48 | 11.91 |
| 13.0 | 1232 | 4.0 | | | 0.78 | 7.6 | | 8.6 | 9.1 | 111 | | 0.04 | 7 | | 20.57 | 18.77 | 14.08 |
| 13.0 | 1232 | 5.0 | | | 0.46 | 4.3 | | 8.5 | 9.0 | 110 | | 0.03 | 5 | | 22.81 | 18.12 | 15.93 |
| 13.0 | 1232 | 6.0 | | | 0.34 | 3.0 | | 8.4 | 8.9 | 108 | | 0.03 | 5 | | 23.50 | 17.95 | 16.50 |
| 13.0 | 1232 | 7.0 | | | 0.29 | 2.6 | | 8.1 | 8.6 | 105 | | 0.03 | 5 | | 23.70 | 17.90 | 16.66 |
| 13.0 | 1232 | 8.0 | | | 0.26 | 2.2 | | 8.0 | 8.4 | 103 | | 0.03 | 5 | | 24.21 | 17.73 | 17.09 |
| 13.0 | 1232 | 9.0 | | | 0.23 | 2.0 | | 8.0 | 8.4 | 102 | | 0.03 | 5 | | 24.51 | 17.63 | 17.34 |
| 13.0 | 1232 | 10.0 | 1.4 | 0.62 | 0.23 | 1.9 | | 8.2 | 8.6 | 105 | | 0.03 | 5 | | 24.67 | 17.57 | 17.48 |
| 14.0 | 1215 | 1.0 | | | 0.54 | 5.1 | | 7.9 | 8.3 | 102 | | 0.02 | 4 | | 21.79 | 18.66 | 15.04 |
| 14.0 | 1215 | 2.0 | | | 0.48 | 4.5 | | 7.9 | 8.3 | 101 | | 0.02 | 4 | | 22.08 | 18.44 | 15.31 |
| 14.0 | 1215 | 3.0 | | | 0.42 | 3.9 | | 7.8 | 8.2 | 100 | | 0.02 | 4 | | 22.33 | 18.32 | 15.52 |
| 14.0 | 1215 | 4.0 | | | 0.36 | 3.2 | | 7.6 | 8.0 | 97 | | 0.02 | 4 | | 23.21 | 18.02 | 16.26 |
| 14.0 | 1215 | 5.0 | | | 0.31 | 2.7 | | 7.5 | 7.9 | 96 | | 0.03 | 5 | | 24.35 | 17.64 | 17.22 |
| 14.0 | 1215 | 6.0 | | | 0.28 | 2.4 | | 7.5 | 7.9 | 96 | | 0.03 | 5 | | 25.09 | 17.40 | 17.84 |
| 14.0 | 1215 | 7.0 | | | 0.27 | 2.3 | | 7.5 | 7.9 | 96 | | 0.03 | 5 | | 25.25 | 17.33 | 17.97 |
| 14.0 | 1215 | 8.0 | | | 0.26 | 2.3 | | 7.5 | 7.8 | 95 | | 0.03 | 5 | | 25.40 | 17.28 | 18.10 |
| 14.0 | 1215 | 9.0 | | | 0.26 | 2.2 | | 7.4 | 7.8 | 95 | | 0.03 | 5 | | 25.47 | 17.26 | 18.16 |
| 14.0 | 1215 | 10.0 | | | 0.25 | 2.1 | | 7.4 | 7.7 | 94 | | 0.03 | 5 | | 25.59 | 17.22 | 18.26 |
| 14.0 | 1215 | 11.0 | | | 0.24 | 2.0 | | 7.4 | 7.7 | 94 | | 0.03 | 5 | | 25.63 | 17.20 | 18.30 |
| 14.0 | 1215 | 12.0 | | | 0.23 | 1.9 | | 7.3 | 7.6 | 93 | | 0.03 | 5 | | 25.76 | 17.16 | 18.40 |
| 14.0 | 1215 | 13.0 | | | 0.23 | 1.9 | | 7.3 | 7.6 | 93 | | 0.03 | 5 | | 26.01 | 17.07 | 18.61 |
| 14.0 | 1215 | 14.0 | | | 0.23 | 1.9 | | 7.3 | 7.6 | 93 | | 0.03 | 6 | | 26.15 | 17.03 | 18.73 |
| 15.0 | 1155 | 1.0 | | | 0.72 | 7.0 | | 7.8 | 8.2 | 100 | | 0.03 | 5 | 1.1 | 18.02 | 19.65 | 11.94 |
| 15.0 | 1155 | 2.0 | 6.2 | 0.80 | 0.68 | 6.5 | 8.3 | 7.4 | 7.8 | 95 | 5.2 | 0.03 | 5 | | 20.17 | 19.03 | 13.72 |
| 15.0 | 1155 | 3.0 | | | 0.53 | 5.0 | | 7.3 | 7.7 | 93 | | 0.03 | 5 | | 22.55 | 18.26 | 15.71 |
| 15.0 | 1155 | 4.0 | | | 0.40 | 3.6 | | 7.4 | 7.7 | 94 | | 0.03 | 5 | | 23.98 | 17.74 | 16.91 |

North San Francisco Bay September 1, 1998 98244

| 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 | 1155 | 5.0 | | | 0.31 | 2.8 | | 7.3 | 7.6 | 93 | | 0.03 | 5 | | 24.76 | 17.51 | 17.56 |
| 15.0 | 1155 | 6.0 | | | 0.28 | 2.4 | | 7.2 | 7.5 | 92 | | 0.03 | 5 | | 25.43 | 17.29 | 18.12 |
| 15.0 | 1155 | 7.0 | | | 0.26 | 2.3 | | 7.2 | 7.5 | 91 | | 0.03 | 5 | | 26.01 | 17.07 | 18.61 |
| 15.0 | 1155 | 8.0 | | | 0.26 | 2.2 | | 7.2 | 7.5 | 91 | | 0.04 | 6 | | 26.47 | 16.91 | 19.00 |
| 15.0 | 1155 | 9.0 | | | 0.26 | 2.2 | | 7.2 | 7.5 | 91 | | 0.04 | 6 | | 26.63 | 16.87 | 19.13 |
| 15.0 | 1155 | 10.0 | | | 0.26 | 2.3 | | 7.2 | 7.5 | 91 | | 0.04 | 6 | | 26.80 | 16.82 | 19.28 |
| 15.0 | 1155 | 11.0 | | | 0.27 | 2.4 | | 7.2 | 7.4 | 91 | | 0.04 | 6 | | 26.93 | 16.78 | 19.39 |
| 15.0 | 1155 | 12.0 | | | 0.28 | 2.4 | | 7.2 | 7.4 | 90 | | 0.04 | 6 | | 26.98 | 16.76 | 19.42 |
| 15.0 | 1155 | 13.0 | | | 0.28 | 2.5 | | 7.1 | 7.4 | 89 | | 0.04 | 6 | | 27.10 | 16.71 | 19.53 |
| 15.0 | 1155 | 14.0 | | | 0.31 | 2.8 | | 7.1 | 7.3 | 89 | | 0.04 | 6 | | 27.42 | 16.58 | 19.80 |
| 15.0 | 1155 | 15.0 | | | 0.33 | 2.9 | | 7.1 | 7.3 | 89 | | 0.04 | 6 | | 27.62 | 16.50 | 19.97 |
| 15.0 | 1155 | 16.0 | | | 0.31 | 2.7 | | 7.1 | 7.4 | 89 | | 0.04 | 6 | | 27.72 | 16.46 | 20.05 |
| 15.0 | 1155 | 17.0 | | | 0.30 | 2.6 | | 7.1 | 7.3 | 89 | | 0.04 | 6 | | 27.77 | 16.44 | 20.10 |
| 15.0 | 1155 | 18.0 | | | 0.30 | 2.6 | | 7.1 | 7.3 | 89 | | 0.04 | 6 | | 27.81 | 16.42 | 20.14 |
| 15.0 | 1155 | 19.0 | | | 0.30 | 2.6 | | 7.1 | 7.3 | 89 | | 0.04 | 6 | | 27.89 | 16.37 | 20.21 |
| 15.0 | 1155 | 20.0 | | | 0.29 | 2.6 | | 7.0 | 7.3 | 88 | | 0.04 | 6 | | 27.95 | 16.33 | 20.26 |
| 15.0 | 1155 | 21.0 | | | 0.29 | 2.6 | | 7.0 | 7.3 | 88 | | 0.04 | 6 | | 28.06 | 16.27 | 20.36 |
| 15.0 | 1155 | 22.0 | | | 0.30 | 2.6 | | 7.0 | 7.3 | 88 | | 0.04 | 6 | | 28.07 | 16.27 | 20.37 |
| 15.0 | 1155 | 23.0 | | | 0.29 | 2.6 | | 7.0 | 7.3 | 88 | | 0.04 | 6 | | 28.08 | 16.26 | 20.38 |
| 15.0 | 1155 | 24.0 | 2.3 | 0.67 | 0.29 | 2.6 | | 7.1 | 7.3 | 89 | | 0.04 | 6 | | 28.08 | 16.26 | 20.38 |
| 16.0 | 1129 | 1.0 | | | 0.95 | 9.4 | | 7.4 | 7.7 | 93 | | 0.04 | 6 | | 17.48 | 19.58 | 11.55 |
| 16.0 | 1129 | 2.0 | | | 0.79 | 7.7 | | 6.9 | 7.2 | 87 | | 0.03 | 5 | | 23.20 | 17.65 | 16.34 |
| 16.0 | 1129 | 3.0 | | | 0.49 | 4.6 | | 7.5 | 7.8 | 94 | | 0.03 | 5 | | 29.63 | 15.60 | 21.71 |
| 16.0 | 1129 | 4.0 | | | 0.37 | 3.3 | | 7.4 | 7.7 | 93 | | 0.02 | 4 | | 29.56 | 15.57 | 21.66 |
| 16.0 | 1129 | 5.0 | | | 0.31 | 2.7 | | 7.4 | 7.7 | 93 | | 0.02 | 4 | | 29.80 | 15.43 | 21.88 |
| 16.0 | 1129 | 6.0 | | | 0.28 | 2.4 | | 7.4 | 7.7 | 92 | | 0.02 | 4 | | 29.83 | 15.40 | 21.90 |
| 16.0 | 1129 | 7.0 | | | 0.26 | 2.3 | | 7.3 | 7.6 | 91 | | 0.02 | 4 | | 29.83 | 15.39 | 21.91 |
| 16.0 | 1129 | 8.0 | | | 0.26 | 2.3 | | 7.3 | 7.5 | 91 | | 0.02 | 4 | | 29.83 | 15.39 | 21.91 |
| 16.0 | 1129 | 9.0 | | | 0.27 | 2.4 | | 7.2 | 7.5 | 90 | | 0.02 | 4 | | 29.83 | 15.39 | 21.91 |
| 16.0 | 1129 | 10.0 | | | 0.27 | 2.3 | | 7.1 | 7.4 | 89 | | 0.02 | 4 | | 29.83 | 15.38 | 21.91 |
| 16.0 | 1129 | 11.0 | | | 0.26 | 2.2 | | 7.1 | 7.4 | 89 | | 0.02 | 4 | | 29.84 | 15.38 | 21.92 |
| 16.0 | 1129 | 12.0 | | | 0.26 | 2.2 | | 7.1 | 7.3 | 88 | | 0.02 | 4 | | 29.84 | 15.38 | 21.92 |
| 16.0 | 1129 | 13.0 | | | 0.26 | 2.2 | | 7.1 | 7.3 | 88 | | 0.02 | 4 | | 29.83 | 15.38 | 21.91 |
| 17.0 | 1108 | 1.0 | | | 0.36 | 3.3 | | 7.1 | 7.3 | 90 | | 0.07 | 10 | 0.5 | 26.42 | 17.19 | 18.90 |
| 17.0 | 1108 | 2.0 | | | 0.37 | 3.3 | | 7.0 | 7.3 | 89 | | 0.02 | 4 | | 27.63 | 16.52 | 19.98 |
| 17.0 | 1108 | 3.0 | | | 0.36 | 3.3 | | 6.9 | 7.1 | 86 | | 0.02 | 4 | | 28.39 | 16.15 | 20.64 |
| 17.0 | 1108 | 4.0 | | | 0.34 | 3.0 | | 6.7 | 6.9 | 84 | | 0.02 | 4 | | 29.31 | 15.66 | 21.45 |
| 17.0 | 1108 | 5.0 | | | 0.32 | 2.8 | | 6.8 | 7.0 | 84 | | 0.02 | 4 | | 30.33 | 15.08 | 22.36 |
| 17.0 | 1108 | 6.0 | | | 0.31 | 2.7 | | 6.8 | 7.0 | 84 | | 0.02 | 4 | | 30.65 | 14.84 | 22.65 |
| 17.0 | 1108 | 7.0 | | | 0.30 | 2.6 | | 6.8 | 7.0 | 84 | | 0.02 | 4 | | 30.84 | 14.71 | 22.83 |
| 17.0 | 1108 | 8.0 | | | 0.29 | 2.5 | | 6.8 | 7.0 | 84 | | 0.02 | 4 | | 30.93 | 14.66 | 22.91 |

North San Francisco Bay September 1, 1998 98244

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 17.0 | 1108 | 9.0 | | | 0.29 | 2.5 | | 6.8 | 7.0 | 84 | | 0.03 | 5 | | 30.99 | 14.63 | 22.96 |
| 17.0 | 1108 | 10.0 | | | 0.28 | 2.5 | | 6.8 | 7.0 | 84 | | 0.03 | 5 | | 31.00 | 14.61 | 22.98 |
| 17.0 | 1108 | 11.0 | | | 0.28 | 2.4 | | 6.8 | 7.0 | 84 | | 0.03 | 5 | | 31.00 | 14.61 | 22.98 |
| 17.0 | 1108 | 12.0 | | | 0.28 | 2.4 | | 6.8 | 7.0 | 84 | | 0.03 | 5 | | 31.00 | 14.61 | 22.98 |
| 17.0 | 1108 | 13.0 | | | 0.27 | 2.3 | | 6.8 | 7.0 | 83 | | 0.03 | 6 | | 31.00 | 14.62 | 22.98 |
| 17.0 | 1108 | 14.0 | | | 0.27 | 2.3 | | 6.7 | 6.9 | 82 | | 0.04 | 6 | | 31.01 | 14.61 | 22.98 |
| 18.0 | 1047 | 1.0 | | | 0.35 | 3.2 | | 7.4 | 7.7 | 94 | | 0.01 | 3 | | 28.06 | 16.49 | 20.31 |
| 18.0 | 1047 | 2.0 | 3.6 | 0.75 | 0.36 | 3.2 | 7.6 | 7.4 | 7.7 | 94 | 3.3 | 0.01 | 3 | | 28.06 | 16.49 | 20.31 |
| 18.0 | 1047 | 3.0 | | | 0.39 | 3.5 | | 7.2 | 7.4 | 91 | | 0.01 | 3 | | 28.06 | 16.49 | 20.31 |
| 18.0 | 1047 | 4.0 | | | 0.40 | 3.7 | | 6.9 | 7.1 | 86 | | 0.01 | 3 | | 28.70 | 16.04 | 20.90 |
| 18.0 | 1047 | 5.0 | | | 0.39 | 3.6 | | 7.0 | 7.3 | 87 | | 0.01 | 3 | | 29.91 | 15.28 | 22.00 |
| 18.0 | 1047 | 6.0 | | | 0.38 | 3.5 | | 7.1 | 7.3 | 88 | | 0.01 | 3 | | 30.21 | 15.09 | 22.26 |
| 18.0 | 1047 | 7.0 | | | 0.37 | 3.3 | | 7.1 | 7.4 | 88 | | 0.01 | 3 | | 30.28 | 15.03 | 22.33 |
| 18.0 | 1047 | 8.0 | | | 0.35 | 3.2 | | 7.1 | 7.4 | 88 | | 0.01 | 3 | | 30.30 | 15.03 | 22.34 |
| 18.0 | 1047 | 9.0 | | | 0.35 | 3.2 | | 7.1 | 7.3 | 88 | | 0.02 | 3 | | 30.30 | 15.02 | 22.35 |
| 18.0 | 1047 | 10.0 | | | 0.35 | 3.1 | | 7.0 | 7.3 | 87 | | 0.01 | 3 | | 30.34 | 14.99 | 22.38 |
| 18.0 | 1047 | 11.0 | | | 0.34 | 3.1 | | 7.0 | 7.3 | 87 | | 0.01 | 3 | | 30.43 | 14.93 | 22.47 |
| 18.0 | 1047 | 12.0 | | | 0.34 | 3.0 | | 7.0 | 7.2 | 86 | | 0.01 | 3 | | 30.59 | 14.81 | 22.61 |
| 18.0 | 1047 | 13.0 | | | 0.32 | 2.9 | | 6.9 | 7.2 | 86 | | 0.02 | 3 | | 30.78 | 14.70 | 22.78 |
| 18.0 | 1047 | 14.0 | | | 0.31 | 2.8 | | 6.9 | 7.1 | 85 | | 0.02 | 4 | | 30.84 | 14.66 | 22.84 |
| 18.0 | 1047 | 15.0 | | | 0.31 | 2.7 | | 6.9 | 7.1 | 85 | | 0.02 | 4 | | 30.94 | 14.59 | 22.93 |
| 18.0 | 1047 | 16.0 | | | 0.31 | 2.7 | | 6.9 | 7.1 | 85 | | 0.02 | 4 | | 30.94 | 14.60 | 22.93 |
| 18.0 | 1047 | 17.0 | | | 0.31 | 2.7 | | 6.8 | 7.1 | 84 | | 0.02 | 4 | | 30.93 | 14.60 | 22.92 |
| 18.0 | 1047 | 18.0 | | | 0.30 | 2.7 | | 6.8 | 7.1 | 84 | | 0.02 | 4 | | 31.00 | 14.55 | 22.99 |
| 18.0 | 1047 | 19.0 | | | 0.31 | 2.7 | | 6.8 | 7.0 | 84 | | 0.02 | 3 | | 31.03 | 14.54 | 23.01 |
| 18.0 | 1047 | 20.0 | | | 0.31 | 2.8 | | 6.8 | 7.0 | 84 | | 0.02 | 4 | | 31.03 | 14.53 | 23.02 |
| 18.0 | 1047 | 21.0 | | | 0.31 | 2.8 | | 6.8 | 7.0 | 83 | | 0.02 | 4 | | 31.05 | 14.52 | 23.03 |
| 18.0 | 1047 | 22.0 | | | 0.31 | 2.8 | | 6.8 | 7.0 | 83 | | 0.02 | 4 | | 31.05 | 14.52 | 23.03 |
| 18.0 | 1047 | 23.0 | | | 0.31 | 2.7 | | 6.8 | 7.0 | 83 | | 0.02 | 4 | | 31.06 | 14.52 | 23.04 |
| 18.0 | 1047 | 24.0 | | | 0.31 | 2.7 | | 6.8 | 7.0 | 83 | | 0.02 | 4 | | 31.08 | 14.50 | 23.05 |
| 18.0 | 1047 | 25.0 | | | 0.31 | 2.7 | | 6.8 | 7.0 | 83 | | 0.02 | 4 | | 31.09 | 14.49 | 23.07 |
| 18.0 | 1047 | 26.0 | | | 0.31 | 2.7 | | 6.7 | 6.9 | 83 | | 0.02 | 4 | | 31.11 | 14.48 | 23.08 |
| 18.0 | 1047 | 27.0 | | | 0.32 | 2.8 | | 6.7 | 6.9 | 82 | | 0.02 | 4 | | 31.14 | 14.46 | 23.11 |
| 18.0 | 1047 | 28.0 | | | 0.32 | 2.8 | | 6.7 | 6.9 | 83 | | 0.02 | 4 | | 31.17 | 14.44 | 23.14 |
| 18.0 | 1047 | 29.0 | | | 0.32 | 2.8 | | 6.7 | 6.9 | 82 | | 0.02 | 4 | | 31.17 | 14.44 | 23.15 |
| 18.0 | 1047 | 30.0 | | | 0.32 | 2.9 | | 6.7 | 6.9 | 82 | | 0.02 | 4 | | 31.18 | 14.43 | 23.15 |
| 18.0 | 1047 | 31.0 | | | 0.32 | 2.8 | | 6.7 | 6.9 | 82 | | 0.02 | 4 | | 31.19 | 14.43 | 23.16 |
| 18.0 | 1047 | 32.0 | | | 0.32 | 2.8 | | 6.7 | 6.9 | 82 | | 0.02 | 4 | | 31.19 | 14.42 | 23.16 |
| 18.0 | 1047 | 33.0 | | | 0.32 | 2.9 | | 6.7 | 6.9 | 82 | | 0.02 | 4 | | 31.19 | 14.43 | 23.16 |
| 18.0 | 1047 | 34.0 | | | 0.32 | 2.9 | | 6.7 | 6.9 | 82 | | 0.02 | 4 | | 31.19 | 14.43 | 23.16 |
| 18.0 | 1047 | 35.0 | 2.8 | 0.70 | 0.33 | 2.9 | | 6.7 | 6.9 | 82 | | 0.03 | 5 | | 31.19 | 14.42 | 23.16 |

North San Francisco Bay | September 1, 1998 | 98244

| 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 | 1028 | 1.0 | | | 0.58 | 5.5 | | 7.7 | 8.1 | 100 | | 0.02 | 3 | | 26.32 | 17.41 | 18.78 |
| 20.0 | 1028 | 2.0 | | | 0.58 | 5.5 | | 7.7 | 8.1 | 100 | | 0.02 | 3 | | 26.32 | 17.41 | 18.77 |
| 20.0 | 1028 | 3.0 | | | 0.57 | 5.4 | | 7.6 | 8.0 | 98 | | 0.02 | 4 | | 26.32 | 17.41 | 18.77 |
| 20.0 | 1028 | 4.0 | | | 0.52 | 4.9 | | 7.5 | 7.8 | 96 | | 0.02 | 4 | | 26.52 | 17.29 | 18.95 |
| 20.0 | 1028 | 5.0 | | | 0.44 | 4.1 | | 7.5 | 7.8 | 96 | | 0.02 | 3 | | 27.30 | 16.93 | 19.63 |
| 20.0 | 1028 | 6.0 | | | 0.39 | 3.5 | | 7.4 | 7.7 | 94 | | 0.02 | 4 | | 27.73 | 16.75 | 20.00 |
| 20.0 | 1028 | 7.0 | | | 0.37 | 3.4 | | 7.4 | 7.7 | 94 | | 0.02 | 4 | | 27.91 | 16.60 | 20.17 |
| 20.0 | 1028 | 8.0 | | | 0.36 | 3.3 | | 7.4 | 7.7 | 94 | | 0.02 | 4 | | 28.03 | 16.49 | 20.29 |
| 20.0 | 1028 | 9.0 | | | 0.36 | 3.2 | | 7.3 | 7.6 | 93 | | 0.02 | 3 | | 28.12 | 16.43 | 20.37 |
| 20.0 | 1028 | 10.0 | | | 0.36 | 3.3 | | 7.3 | 7.6 | 92 | | 0.01 | 3 | | 28.20 | 16.38 | 20.44 |
| 20.0 | 1028 | 11.0 | | | 0.36 | 3.2 | | 7.2 | 7.5 | 91 | | 0.01 | 3 | | 28.40 | 16.24 | 20.63 |
| 20.0 | 1028 | 12.0 | | | 0.34 | 3.1 | | 7.1 | 7.3 | 89 | | 0.02 | 3 | | 28.83 | 15.94 | 21.02 |
| 20.0 | 1028 | 13.0 | | | 0.33 | 3.0 | | 7.0 | 7.3 | 88 | | 0.01 | 3 | | 29.25 | 15.68 | 21.40 |
| 20.0 | 1028 | 14.0 | | | 0.32 | 2.8 | | 7.0 | 7.2 | 87 | | 0.01 | 3 | | 29.69 | 15.35 | 21.81 |
| 20.0 | 1028 | 15.0 | | | 0.30 | 2.6 | | 7.0 | 7.3 | 87 | | 0.01 | 3 | | 30.29 | 15.05 | 22.33 |
| 20.0 | 1028 | 16.0 | | | 0.29 | 2.5 | | 7.0 | 7.3 | 87 | | 0.02 | 4 | | 30.36 | 15.04 | 22.39 |
| 20.0 | 1028 | 17.0 | | | 0.28 | 2.4 | | 7.0 | 7.2 | 86 | | 0.02 | 4 | | 30.40 | 15.00 | 22.43 |
| 20.0 | 1028 | 18.0 | | | 0.27 | 2.4 | | 6.9 | 7.1 | 85 | | 0.02 | 4 | | 30.50 | 14.92 | 22.52 |
| 20.0 | 1028 | 19.0 | | | 0.28 | 2.5 | | 6.9 | 7.2 | 85 | | 0.02 | 4 | | 30.71 | 14.78 | 22.71 |
| 20.0 | 1028 | 20.0 | | | 0.29 | 2.6 | | 6.9 | 7.1 | 85 | | 0.02 | 4 | | 30.77 | 14.75 | 22.76 |
| 20.0 | 1028 | 21.0 | | | 0.29 | 2.6 | | 6.8 | 7.1 | 84 | | 0.03 | 6 | | 30.85 | 14.70 | 22.84 |
| 20.0 | 1028 | 22.0 | | | 0.31 | 2.7 | | 6.8 | 7.1 | 84 | | 0.04 | 6 | | 30.93 | 14.64 | 22.92 |
| 20.0 | 1028 | 23.0 | | | 0.32 | 2.8 | | 6.8 | 7.0 | 83 | | 0.04 | 6 | | 31.02 | 14.58 | 22.99 |
| 20.0 | 1028 | 24.0 | | | 0.31 | 2.7 | | 6.8 | 7.0 | 83 | | 0.04 | 6 | | 31.16 | 14.50 | 23.12 |
| 20.0 | 1028 | 25.0 | | | 0.30 | 2.7 | | 6.8 | 7.0 | 83 | | 0.03 | 5 | | 31.25 | 14.44 | 23.20 |
| 20.0 | 1028 | 26.0 | | | 0.31 | 2.7 | | 6.7 | 6.9 | 83 | | 0.03 | 6 | | 31.33 | 14.38 | 23.28 |
| 20.0 | 1028 | 27.0 | | | 0.31 | 2.7 | | 6.8 | 7.0 | 83 | | 0.04 | 6 | | 31.37 | 14.36 | 23.31 |

| | n | r^2 | Slope | Inter. | Std. Err. |
|---|---|---|---|---|---|
| Fluorometer Calibration: | 14 | 0.991 | 10.301 | -0.452 | 0.516 |
| OBS Calibration: | 7 | 0.858 | 118.639 | 1.551 | 3.193 |
| Dissolved Oxygen Calibration: | 7 | 0.875 | 1.186 | -1.057 | 0.304 |

SeaBird v4.026

South San Francisco Bay September 1, 1998 98244

| 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 | 0628 | 1.0 | | | 1.10 | 7.0 | | 7.3 | 7.5 | 98 | | 0.09 | 13 | | 19.65 | 22.37 | 12.50 |
| 36.0 | 0628 | 2.0 | 6.3 | 0.72 | 1.10 | 7.0 | 7.5 | 7.4 | 7.6 | 98 | 14.4 | 0.10 | 14 | | 19.89 | 22.39 | 12.68 |
| 36.0 | 0628 | 3.0 | | | 1.10 | 7.0 | | 7.4 | 7.6 | 99 | | 0.12 | 17 | | 19.94 | 22.40 | 12.72 |
| 36.0 | 0628 | 4.0 | | | 1.12 | 7.1 | | 7.4 | 7.6 | 99 | | 0.13 | 18 | | 19.98 | 22.40 | 12.74 |
| 36.0 | 0628 | 5.0 | | | 1.12 | 7.1 | | 7.5 | 7.7 | 99 | | 0.14 | 19 | | 20.00 | 22.40 | 12.76 |
| 36.0 | 0628 | 6.0 | 6.3 | 0.78 | 1.12 | 7.1 | | 7.5 | 7.7 | 100 | | 0.17 | 23 | | 20.01 | 22.40 | 12.77 |
| 34.0 | 0649 | 1.0 | | | 0.71 | 4.7 | | 7.0 | 7.2 | 93 | | 0.09 | 13 | | 21.15 | 22.13 | 13.70 |
| 34.0 | 0649 | 2.0 | | | 0.68 | 4.5 | | 7.0 | 7.2 | 93 | | 0.11 | 15 | | 21.83 | 21.83 | 14.29 |
| 34.0 | 0649 | 3.0 | | | 0.61 | 4.2 | | 7.0 | 7.2 | 93 | | 0.15 | 20 | | 22.14 | 21.74 | 14.55 |
| 34.0 | 0649 | 4.0 | | | 0.57 | 3.9 | | 7.0 | 7.2 | 93 | | 0.17 | 23 | | 22.22 | 21.69 | 14.62 |
| 34.0 | 0649 | 5.0 | | | 0.54 | 3.7 | | 7.0 | 7.2 | 93 | | 0.19 | 25 | | 22.25 | 21.67 | 14.65 |
| 34.0 | 0649 | 6.0 | | | 0.52 | 3.6 | | 7.0 | 7.1 | 93 | | 0.21 | 28 | | 22.28 | 21.66 | 14.67 |
| 34.0 | 0649 | 7.0 | | | 0.52 | 3.6 | | 7.0 | 7.2 | 93 | | 0.24 | 31 | | 22.28 | 21.66 | 14.67 |
| 32.0 | 0710 | 1.0 | | | 0.56 | 3.9 | | 7.6 | 7.7 | 100 | | 0.05 | 7 | 1.0 | 23.03 | 21.39 | 15.31 |
| 32.0 | 0710 | 2.0 | 3.8 | 0.67 | 0.55 | 3.8 | 7.7 | 7.5 | 7.7 | 100 | 7.3 | 0.05 | 7 | | 23.17 | 21.41 | 15.41 |
| 32.0 | 0710 | 3.0 | | | 0.53 | 3.7 | | 7.6 | 7.7 | 101 | | 0.05 | 7 | | 23.22 | 21.37 | 15.46 |
| 32.0 | 0710 | 4.0 | | | 0.53 | 3.7 | | 7.5 | 7.7 | 100 | | 0.04 | 7 | | 23.22 | 21.35 | 15.47 |
| 32.0 | 0710 | 5.0 | | | 0.53 | 3.7 | | 7.5 | 7.7 | 100 | | 0.05 | 7 | | 23.26 | 21.30 | 15.51 |
| 32.0 | 0710 | 6.0 | | | 0.51 | 3.6 | | 7.5 | 7.7 | 100 | | 0.05 | 7 | | 23.40 | 21.21 | 15.64 |
| 32.0 | 0710 | 7.0 | | | 0.47 | 3.3 | | 7.5 | 7.7 | 100 | | 0.05 | 8 | | 23.65 | 21.13 | 15.85 |
| 32.0 | 0710 | 8.0 | | | 0.44 | 3.1 | | 7.5 | 7.7 | 99 | | 0.05 | 8 | | 23.74 | 21.08 | 15.93 |
| 32.0 | 0710 | 9.0 | | | 0.42 | 3.0 | | 7.5 | 7.7 | 99 | | 0.06 | 9 | | 23.77 | 21.05 | 15.96 |
| 32.0 | 0710 | 10.0 | | | 0.40 | 2.9 | | 7.4 | 7.6 | 99 | | 0.07 | 10 | | 23.81 | 21.02 | 15.99 |
| 32.0 | 0710 | 11.0 | | | 0.39 | 2.8 | | 7.4 | 7.6 | 98 | | 0.08 | 12 | | 23.83 | 21.00 | 16.01 |
| 32.0 | 0710 | 12.0 | 1.7 | 0.47 | 0.39 | 2.8 | | 7.4 | 7.6 | 98 | | 0.09 | 13 | | 23.83 | 21.00 | 16.02 |
| 30.0 | 0739 | 1.0 | | | 0.50 | 3.5 | | 7.8 | 7.9 | 102 | | 0.03 | 5 | 0.8 | 24.35 | 20.64 | 16.50 |
| 30.0 | 0739 | 2.0 | 3.7 | 0.67 | 0.49 | 3.5 | 7.8 | 7.7 | 7.9 | 102 | 4.6 | 0.03 | 5 | | 24.32 | 20.67 | 16.47 |
| 30.0 | 0739 | 3.0 | | | 0.47 | 3.3 | | 7.7 | 7.9 | 101 | | 0.03 | 5 | | 24.39 | 20.61 | 16.54 |
| 30.0 | 0739 | 4.0 | | | 0.44 | 3.2 | | 7.6 | 7.8 | 101 | | 0.03 | 5 | | 24.56 | 20.46 | 16.70 |
| 30.0 | 0739 | 5.0 | | | 0.41 | 3.0 | | 7.6 | 7.8 | 101 | | 0.03 | 5 | | 24.73 | 20.32 | 16.87 |
| 30.0 | 0739 | 6.0 | | | 0.35 | 2.7 | | 7.6 | 7.8 | 100 | | 0.03 | 5 | | 24.83 | 20.24 | 16.97 |
| 30.0 | 0739 | 7.0 | | | 0.29 | 2.3 | | 7.6 | 7.8 | 100 | | 0.03 | 5 | | 25.09 | 20.05 | 17.21 |
| 30.0 | 0739 | 8.0 | | | 0.26 | 2.1 | | 7.6 | 7.8 | 99 | | 0.03 | 6 | | 25.15 | 20.02 | 17.27 |
| 30.0 | 0739 | 9.0 | | | 0.25 | 2.0 | | 7.5 | 7.7 | 99 | | 0.04 | 7 | | 25.16 | 20.01 | 17.28 |
| 30.0 | 0739 | 10.0 | | | 0.24 | 2.0 | | 7.5 | 7.7 | 98 | | 0.05 | 8 | | 25.17 | 20.01 | 17.28 |
| 30.0 | 0739 | 11.0 | | | 0.24 | 2.0 | | 7.5 | 7.6 | 98 | | 0.06 | 9 | | 25.18 | 20.00 | 17.29 |
| 30.0 | 0739 | 12.0 | | | 0.24 | 2.0 | | 7.4 | 7.6 | 97 | | 0.07 | 10 | | 25.17 | 20.00 | 17.29 |
| 30.0 | 0739 | 13.0 | 1.0 | 0.42 | 0.24 | 2.0 | | 7.5 | 7.6 | 98 | | 0.07 | 10 | | 25.18 | 20.00 | 17.29 |

South San Francisco Bay September 1, 1998 98244

| 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 | 0808 | 1.0 | | | 0.55 | 3.8 | | 8.1 | 8.2 | 105 | | 0.02 | 4 | 0.8 | 25.06 | 20.00 | 17.20 |
| 29.0 | 0808 | 2.0 | | | 0.51 | 3.6 | | 8.1 | 8.2 | 105 | | 0.02 | 4 | | 25.25 | 19.92 | 17.37 |
| 29.0 | 0808 | 3.0 | | | 0.48 | 3.4 | | 8.0 | 8.2 | 105 | | 0.02 | 4 | | 25.27 | 19.92 | 17.38 |
| 29.0 | 0808 | 4.0 | | | 0.47 | 3.3 | | 8.0 | 8.2 | 104 | | 0.02 | 4 | | 25.32 | 19.87 | 17.43 |
| 29.0 | 0808 | 5.0 | | | 0.43 | 3.1 | | 7.9 | 8.1 | 104 | | 0.02 | 4 | | 25.39 | 19.83 | 17.49 |
| 29.0 | 0808 | 6.0 | | | 0.39 | 2.9 | | 7.9 | 8.1 | 104 | | 0.02 | 4 | | 25.59 | 19.73 | 17.67 |
| 29.0 | 0808 | 7.0 | | | 0.38 | 2.8 | | 7.9 | 8.1 | 103 | | 0.02 | 4 | | 25.59 | 19.73 | 17.67 |
| 29.0 | 0808 | 8.0 | | | 0.39 | 2.9 | | 7.8 | 8.0 | 102 | | 0.02 | 4 | | 25.61 | 19.71 | 17.69 |
| 29.0 | 0808 | 9.0 | | | 0.40 | 2.9 | | 7.8 | 8.0 | 102 | | 0.02 | 4 | | 25.65 | 19.68 | 17.73 |
| 29.0 | 0808 | 10.0 | | | 0.41 | 3.0 | | 7.8 | 8.0 | 102 | | 0.03 | 5 | | 25.67 | 19.66 | 17.75 |
| 29.0 | 0808 | 11.0 | | | 0.43 | 3.1 | | 7.8 | 8.0 | 101 | | 0.03 | 5 | | 25.69 | 19.64 | 17.77 |
| 29.0 | 0808 | 12.0 | | | 0.46 | 3.3 | | 7.8 | 8.0 | 101 | | 0.03 | 6 | | 25.75 | 19.59 | 17.83 |
| 29.0 | 0808 | 13.0 | | | 0.47 | 3.3 | | 7.8 | 8.0 | 102 | | 0.04 | 6 | | 25.76 | 19.59 | 17.83 |
| 29.0 | 0808 | 14.0 | | | 0.48 | 3.4 | | 7.8 | 8.0 | 101 | | 0.05 | 8 | | 25.77 | 19.58 | 17.84 |
| 29.0 | 0808 | 15.0 | | | 0.48 | 3.4 | | 7.8 | 8.0 | 102 | | 0.06 | 9 | | 25.77 | 19.58 | 17.84 |
| 27.0 | 0836 | 1.0 | | | 0.57 | 3.9 | | 8.0 | 8.2 | 104 | | 0.03 | 6 | 0.8 | 26.01 | 19.49 | 18.05 |
| 27.0 | 0836 | 2.0 | 4.9 | 0.77 | 0.58 | 3.9 | | 8.0 | 8.2 | 104 | 1.3 | 0.03 | 5 | | 26.01 | 19.48 | 18.05 |
| 27.0 | 0836 | 3.0 | | | 0.58 | 4.0 | | 8.0 | 8.2 | 104 | | 0.03 | 5 | | 26.01 | 19.48 | 18.05 |
| 27.0 | 0836 | 4.0 | | | 0.59 | 4.0 | | 8.0 | 8.2 | 104 | | 0.03 | 5 | | 26.01 | 19.49 | 18.05 |
| 27.0 | 0836 | 5.0 | | | 0.59 | 4.0 | | 8.0 | 8.2 | 104 | | 0.03 | 5 | | 26.01 | 19.48 | 18.05 |
| 27.0 | 0836 | 6.0 | | | 0.57 | 3.9 | | 8.0 | 8.2 | 104 | | 0.03 | 5 | | 26.01 | 19.49 | 18.05 |
| 27.0 | 0836 | 7.0 | | | 0.57 | 3.9 | | 8.0 | 8.2 | 104 | | 0.03 | 5 | | 26.02 | 19.48 | 18.06 |
| 27.0 | 0836 | 8.0 | | | 0.57 | 3.9 | | 8.0 | 8.2 | 104 | | 0.03 | 6 | | 26.03 | 19.47 | 18.07 |
| 27.0 | 0836 | 9.0 | | | 0.56 | 3.8 | | 8.0 | 8.2 | 104 | | 0.03 | 6 | | 26.04 | 19.46 | 18.08 |
| 27.0 | 0836 | 10.0 | | | 0.56 | 3.9 | | 8.0 | 8.2 | 104 | | 0.04 | 6 | | 26.05 | 19.45 | 18.09 |
| 27.0 | 0836 | 11.0 | | | 0.57 | 3.9 | | 8.0 | 8.2 | 104 | | 0.04 | 6 | | 26.05 | 19.45 | 18.09 |
| 27.0 | 0836 | 12.0 | | | 0.58 | 4.0 | | 8.0 | 8.2 | 104 | | 0.04 | 6 | | 26.05 | 19.45 | 18.09 |
| 27.0 | 0836 | 13.0 | 4.9 | 0.73 | 0.58 | 4.0 | | 8.0 | 8.2 | 104 | | 0.04 | 7 | | 26.05 | 19.45 | 18.09 |
| 25.0 | 0904 | 1.0 | | | 0.48 | 3.4 | | 7.6 | 7.8 | 99 | | 0.02 | 4 | 0.6 | 26.04 | 19.27 | 18.13 |
| 25.0 | 0904 | 2.0 | | | 0.48 | 3.4 | | 7.6 | 7.8 | 99 | | 0.02 | 4 | | 26.03 | 19.28 | 18.12 |
| 25.0 | 0904 | 3.0 | | | 0.48 | 3.4 | | 7.7 | 7.8 | 99 | | 0.02 | 4 | | 26.04 | 19.28 | 18.12 |
| 25.0 | 0904 | 4.0 | | | 0.48 | 3.4 | | 7.6 | 7.8 | 99 | | 0.02 | 4 | | 26.03 | 19.28 | 18.11 |
| 25.0 | 0904 | 5.0 | | | 0.47 | 3.3 | | 7.6 | 7.8 | 99 | | 0.02 | 4 | | 26.04 | 19.26 | 18.13 |
| 25.0 | 0904 | 6.0 | | | 0.46 | 3.3 | | 7.7 | 7.8 | 99 | | 0.02 | 4 | | 26.05 | 19.25 | 18.14 |
| 25.0 | 0904 | 7.0 | | | 0.45 | 3.2 | | 7.6 | 7.8 | 99 | | 0.02 | 4 | | 26.06 | 19.25 | 18.14 |
| 25.0 | 0904 | 8.0 | | | 0.41 | 3.0 | | 7.6 | 7.8 | 99 | | 0.02 | 4 | | 26.11 | 19.17 | 18.20 |
| 25.0 | 0904 | 9.0 | | | 0.41 | 3.0 | | 7.6 | 7.8 | 99 | | 0.02 | 4 | | 26.11 | 19.16 | 18.20 |
| 24.0 | 0921 | 1.0 | | | 0.60 | 4.1 | | 7.8 | 8.0 | 99 | | 0.01 | 3 | 0.7 | 24.79 | 18.19 | 17.43 |
| 24.0 | 0921 | 2.0 | 5.2 | 0.79 | 0.60 | 4.1 | 8.0 | 7.9 | 8.1 | 99 | 3.8 | 0.02 | 3 | | 24.80 | 18.19 | 17.43 |
| 24.0 | 0921 | 3.0 | | | 0.59 | 4.0 | | 8.0 | 8.1 | 100 | | 0.02 | 3 | | 24.84 | 18.22 | 17.46 |

South San Francisco Bay September 1, 1998 98244

| 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 | 0921 | 4.0 | | | 0.54 | 3.7 | | 7.9 | 8.1 | 100 | | 0.01 | 3 | | 25.43 | 18.42 | 17.87 |
| 24.0 | 0921 | 5.0 | | | 0.47 | 3.3 | | 7.8 | 8.0 | 100 | | 0.01 | 3 | | 25.72 | 18.45 | 18.07 |
| 24.0 | 0921 | 6.0 | | | 0.39 | 2.9 | | 7.6 | 7.8 | 98 | | 0.01 | 3 | | 26.09 | 18.49 | 18.35 |
| 24.0 | 0921 | 7.0 | | | 0.30 | 2.4 | | 7.4 | 7.6 | 95 | | 0.01 | 3 | | 26.57 | 18.33 | 18.75 |
| 24.0 | 0921 | 8.0 | | | 0.24 | 2.0 | | 7.4 | 7.6 | 95 | | 0.01 | 3 | | 27.07 | 17.90 | 19.23 |
| 24.0 | 0921 | 9.0 | | | 0.22 | 1.8 | | 7.3 | 7.5 | 93 | | 0.01 | 3 | | 27.15 | 17.82 | 19.31 |
| 24.0 | 0921 | 10.0 | 1.3 | 0.67 | 0.22 | 1.9 | | 7.4 | 7.5 | 94 | | 0.01 | 3 | | 27.18 | 17.80 | 19.34 |
| 22.0 | 0955 | 1.0 | | | 0.61 | 4.1 | | 7.6 | 7.8 | 95 | | 0.02 | 4 | 0.5 | 25.24 | 17.60 | 17.91 |
| 22.0 | 0955 | 2.0 | | | 0.58 | 4.0 | | 7.6 | 7.8 | 95 | | 0.02 | 4 | | 25.55 | 17.45 | 18.17 |
| 22.0 | 0955 | 3.0 | | | 0.52 | 3.6 | | 7.5 | 7.7 | 94 | | 0.02 | 4 | | 25.87 | 17.30 | 18.45 |
| 22.0 | 0955 | 4.0 | | | 0.46 | 3.3 | | 7.5 | 7.7 | 94 | | 0.02 | 4 | | 26.26 | 17.12 | 18.79 |
| 22.0 | 0955 | 5.0 | | | 0.41 | 3.0 | | 7.5 | 7.7 | 93 | | 0.02 | 4 | | 26.49 | 17.01 | 19.00 |
| 22.0 | 0955 | 6.0 | | | 0.38 | 2.8 | | 7.4 | 7.6 | 92 | | 0.02 | 4 | | 26.60 | 16.96 | 19.09 |
| 22.0 | 0955 | 7.0 | | | 0.34 | 2.6 | | 7.3 | 7.5 | 91 | | 0.02 | 4 | | 26.82 | 16.87 | 19.28 |
| 22.0 | 0955 | 8.0 | | | 0.31 | 2.4 | | 7.3 | 7.5 | 91 | | 0.02 | 4 | | 27.48 | 16.69 | 19.83 |
| 22.0 | 0955 | 9.0 | | | 0.29 | 2.3 | | 7.3 | 7.5 | 91 | | 0.02 | 4 | | 27.91 | 16.60 | 20.17 |
| 22.0 | 0955 | 10.0 | | | 0.28 | 2.2 | | 7.3 | 7.5 | 91 | | 0.02 | 4 | | 28.01 | 16.61 | 20.25 |
| 22.0 | 0955 | 11.0 | | | 0.28 | 2.2 | | 7.2 | 7.4 | 91 | | 0.02 | 4 | | 28.01 | 16.60 | 20.25 |
| 22.0 | 0955 | 12.0 | | | 0.28 | 2.2 | | 7.2 | 7.4 | 90 | | 0.03 | 5 | | 28.02 | 16.61 | 20.25 |
| 22.0 | 0955 | 13.0 | | | 0.28 | 2.2 | | 7.2 | 7.4 | 90 | | 0.03 | 5 | | 28.03 | 16.62 | 20.26 |
| 22.0 | 0955 | 14.0 | | | 0.28 | 2.2 | | 7.2 | 7.4 | 90 | | 0.03 | 5 | | 28.03 | 16.62 | 20.26 |
| 22.0 | 0955 | 15.0 | | | 0.27 | 2.1 | | 7.2 | 7.3 | 90 | | 0.03 | 5 | | 28.04 | 16.63 | 20.26 |
| 22.0 | 0955 | 16.0 | | | 0.26 | 2.1 | | 7.2 | 7.3 | 90 | | 0.03 | 5 | | 28.04 | 16.63 | 20.26 |
| 22.0 | 0955 | 17.0 | | | 0.27 | 2.1 | | 7.1 | 7.3 | 89 | | 0.03 | 5 | | 28.04 | 16.64 | 20.26 |
| 22.0 | 0955 | 18.0 | | | 0.27 | 2.1 | | 7.1 | 7.3 | 89 | | 0.03 | 5 | | 28.04 | 16.64 | 20.26 |
| 21.0 | 1010 | 1.0 | | | 0.55 | 3.8 | | 7.7 | 7.9 | 96 | | 0.02 | 4 | 0.5 | 24.18 | 17.83 | 17.05 |
| 21.0 | 1010 | 2.0 | 4.6 | 0.80 | 0.56 | 3.8 | 8.0 | 7.7 | 7.9 | 96 | 7.6 | 0.02 | 4 | | 24.56 | 17.67 | 17.37 |
| 21.0 | 1010 | 3.0 | | | 0.55 | 3.8 | | 7.7 | 7.8 | 96 | | 0.02 | 4 | | 25.09 | 17.55 | 17.80 |
| 21.0 | 1010 | 4.0 | | | 0.54 | 3.7 | | 7.6 | 7.8 | 96 | | 0.02 | 4 | | 25.20 | 17.52 | 17.89 |
| 21.0 | 1010 | 5.0 | | | 0.52 | 3.6 | | 7.6 | 7.7 | 95 | | 0.02 | 4 | | 25.35 | 17.49 | 18.02 |
| 21.0 | 1010 | 6.0 | | | 0.47 | 3.3 | | 7.4 | 7.6 | 93 | | 0.02 | 4 | | 25.73 | 17.39 | 18.33 |
| 21.0 | 1010 | 7.0 | | | 0.42 | 3.0 | | 7.4 | 7.6 | 93 | | 0.02 | 4 | | 26.41 | 17.10 | 18.91 |
| 21.0 | 1010 | 8.0 | | | 0.37 | 2.8 | | 7.2 | 7.3 | 89 | | 0.02 | 4 | | 26.77 | 16.93 | 19.22 |
| 21.0 | 1010 | 9.0 | | | 0.33 | 2.5 | | 7.0 | 7.2 | 87 | | 0.02 | 4 | | 27.78 | 16.52 | 20.09 |
| 21.0 | 1010 | 10.0 | | | 0.30 | 2.3 | | 7.0 | 7.2 | 87 | | 0.03 | 5 | | 28.83 | 15.96 | 21.02 |
| 21.0 | 1010 | 11.0 | | | 0.28 | 2.2 | | 7.0 | 7.2 | 87 | | 0.03 | 5 | | 29.34 | 15.72 | 21.46 |
| 21.0 | 1010 | 12.0 | | | 0.27 | 2.2 | | 7.1 | 7.3 | 88 | | 0.03 | 5 | | 29.52 | 15.63 | 21.62 |
| 21.0 | 1010 | 13.0 | | | 0.27 | 2.2 | | 7.1 | 7.2 | 87 | | 0.03 | 5 | | 29.54 | 15.62 | 21.64 |
| 21.0 | 1010 | 14.0 | | | 0.27 | 2.2 | | 7.0 | 7.2 | 87 | | 0.03 | 5 | | 29.55 | 15.61 | 21.65 |
| 21.0 | 1010 | 15.0 | | | 0.27 | 2.2 | | 7.0 | 7.2 | 87 | | 0.03 | 6 | | 29.56 | 15.61 | 21.65 |
| 21.0 | 1010 | 16.0 | | | 0.27 | 2.2 | | 7.0 | 7.2 | 87 | | 0.03 | 6 | | 29.59 | 15.59 | 21.68 |

South San Francisco Bay September 1, 1998 98244

| 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 | 1010 | 17.0 | | | 0.27 | 2.2 | | 7.0 | 7.2 | 87 | | 0.04 | 6 | | 29.61 | 15.57 | 21.70 |
| 21.0 | 1010 | 18.0 | | | 0.27 | 2.2 | | 7.0 | 7.2 | 87 | | 0.04 | 6 | | 29.61 | 15.57 | 21.70 |
| 21.0 | 1010 | 19.0 | 2.3 | 0.62 | 0.27 | 2.2 | | 7.0 | 7.2 | 87 | | 0.04 | 7 | | 29.61 | 15.58 | 21.70 |

| | n | r^2 | Slope | Inter. | Std. Err. |
|---|---|---|---|---|---|
| Fluorometer Calibration: | 12 | 0.812 | 5.809 | 0.599 | 0.856 |
| OBS Calibration: | 6 | 0.694 | 125.466 | 1.431 | 2.788 |
| Dissolved Oxygen Calibration: | 5 | 0.883 | 0.982 | 0.318 | 0.076 |

SeaBird v4.026

North San Francisco Bay  October 12, 1998  98284

| 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 | 2020 | 1.0 | | | 0.20 | | | 9.1 | | | | 0.13 | | | 0.07 | 16.74 | 0.00 |
| 657.0 | 2020 | 2.0 | | | 0.20 | | | 9.1 | | | | 0.13 | | | 0.07 | 16.75 | 0.00 |
| 657.0 | 2020 | 3.0 | | | 0.21 | | | 9.1 | | | | 0.13 | | | 0.07 | 16.75 | 0.00 |
| 657.0 | 2020 | 4.0 | | | 0.21 | | | 9.1 | | | | 0.13 | | | 0.07 | 16.75 | 0.00 |
| 657.0 | 2020 | 5.0 | | | 0.21 | | | 9.1 | | | | 0.13 | | | 0.07 | 16.75 | 0.00 |
| 657.0 | 2020 | 6.0 | | | 0.21 | | | 9.1 | | | | 0.14 | | | 0.07 | 16.75 | 0.00 |
| 657.0 | 2020 | 7.0 | | | 0.21 | | | 9.1 | | | | 0.15 | | | 0.07 | 16.75 | 0.00 |
| 657.0 | 2020 | 8.0 | | | 0.21 | | | 9.1 | | | | 0.15 | | | 0.07 | 16.75 | 0.00 |
| 657.0 | 2020 | 9.0 | | | 0.22 | | | 9.1 | | | | 0.17 | | | 0.07 | 16.75 | 0.00 |
| 657.0 | 2020 | 10.0 | | | 0.22 | | | 9.1 | | | | 0.18 | | | 0.07 | 16.75 | 0.00 |
| 3.0 | 1910 | 1.0 | | | 0.34 | | | 8.9 | | | | 0.24 | | | 0.23 | 17.39 | 0.00 |
| 3.0 | 1910 | 2.0 | | | 0.35 | | | 8.9 | | | | 0.24 | | | 0.23 | 17.39 | 0.00 |
| 3.0 | 1910 | 3.0 | | | 0.35 | | | 8.9 | | | | 0.24 | | | 0.23 | 17.39 | 0.00 |
| 3.0 | 1910 | 4.0 | | | 0.35 | | | 8.9 | | | | 0.24 | | | 0.23 | 17.39 | 0.00 |
| 3.0 | 1910 | 5.0 | | | 0.35 | | | 8.9 | | | | 0.23 | | | 0.23 | 17.39 | 0.00 |
| 3.0 | 1910 | 6.0 | | | 0.35 | | | 8.9 | | | | 0.24 | | | 0.23 | 17.40 | 0.00 |
| 3.0 | 1910 | 7.0 | | | 0.35 | | | 8.9 | | | | 0.23 | | | 0.23 | 17.40 | 0.00 |
| 3.0 | 1910 | 8.0 | | | 0.36 | | | 8.9 | | | | 0.24 | | | 0.23 | 17.40 | 0.00 |
| 3.0 | 1910 | 9.0 | | | 0.36 | | | 8.9 | | | | 0.24 | | | 0.23 | 17.40 | 0.00 |
| 3.0 | 1910 | 10.0 | | | 0.36 | | | 8.9 | | | | 0.24 | | | 0.23 | 17.40 | 0.00 |
| 3.0 | 1910 | 11.0 | | | 0.37 | | | 9.0 | | | | 0.24 | | | 0.23 | 17.40 | 0.00 |
| 3.0 | 1910 | 12.0 | | | 0.37 | | | 8.9 | | | | 0.25 | | | 0.23 | 17.40 | 0.00 |
| 3.0 | 1910 | 13.0 | | | 0.37 | | | 9.0 | | | | 0.26 | | | 0.24 | 17.40 | 0.00 |
| 3.0 | 1910 | 14.0 | | | 0.37 | | | 9.0 | | | | 0.28 | | | 0.24 | 17.40 | 0.00 |
| 3.0 | 1910 | 15.0 | | | 0.38 | | | 9.0 | | | | 0.29 | | | 0.26 | 17.41 | 0.00 |
| 3.0 | 1910 | 16.0 | | | 0.38 | | | 9.0 | | | | 0.31 | | | 0.28 | 17.41 | 0.00 |
| 3.0 | 1910 | 17.0 | | | 0.39 | | | 9.0 | | | | 0.33 | | | 0.30 | 17.41 | 0.00 |
| 3.0 | 1910 | 18.0 | | | 0.40 | | | 9.0 | | | | 0.34 | | | 0.33 | 17.42 | 0.00 |
| 3.0 | 1910 | 19.0 | | | 0.40 | | | 9.0 | | | | 0.36 | | | 0.34 | 17.42 | 0.00 |
| 5.0 | 1725 | 1.0 | | | 0.29 | | | 9.2 | | | | 0.28 | | 3.6 | 0.79 | 17.69 | 0.00 |
| 5.0 | 1725 | 2.0 | | | 0.29 | | | 9.2 | | | | 0.27 | | | 0.84 | 17.63 | 0.00 |
| 5.0 | 1725 | 3.0 | | | 0.28 | | | 9.2 | | | | 0.29 | | | 0.92 | 17.52 | 0.00 |
| 5.0 | 1725 | 4.0 | | | 0.28 | | | 9.1 | | | | 0.32 | | | 1.07 | 17.44 | 0.00 |
| 5.0 | 1725 | 5.0 | | | 0.27 | | | 9.1 | | | | 0.32 | | | 1.55 | 17.40 | 0.00 |
| 5.0 | 1725 | 6.0 | | | 0.25 | | | 9.1 | | | | 0.30 | | | 2.11 | 17.37 | 0.33 |
| 5.0 | 1725 | 7.0 | | | 0.24 | | | 9.1 | | | | 0.28 | | | 2.39 | 17.36 | 0.55 |
| 5.0 | 1725 | 8.0 | | | 0.24 | | | 9.1 | | | | 0.28 | | | 2.50 | 17.36 | 0.63 |
| 5.0 | 1725 | 9.0 | | | 0.23 | | | 9.1 | | | | 0.28 | | | 2.61 | 17.37 | 0.71 |
| 5.0 | 1725 | 10.0 | | | 0.23 | | | 9.1 | | | | 0.27 | | | 2.76 | 17.36 | 0.83 |
| 5.0 | 1725 | 11.0 | | | 0.23 | | | 9.0 | | | | 0.29 | | | 2.91 | 17.35 | 0.95 |
| 5.0 | 1725 | 12.0 | | | 0.24 | | | 9.0 | | | | 0.35 | | | 2.96 | 17.35 | 0.99 |
| 5.0 | 1725 | 13.0 | | | 0.23 | | | 9.1 | | | | 0.41 | | | 2.98 | 17.35 | 1.00 |

North San Francisco Bay | October 12, 1998 | 98284

| 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 | 1640 | 1.0 | | | 0.25 | | | 8.4 | | | | 0.28 | | 3.2 | 2.42 | 17.43 | 0.56 |
| 6.0 | 1640 | 2.0 | | | 0.24 | | | 8.3 | | | | 0.28 | | | 2.70 | 17.39 | 0.78 |
| 6.0 | 1640 | 3.0 | | | 0.23 | | | 8.3 | | | | 0.29 | | | 3.01 | 17.35 | 1.02 |
| 6.0 | 1640 | 4.0 | | | 0.23 | | | 8.3 | | | | 0.29 | | | 3.48 | 17.32 | 1.39 |
| 6.0 | 1640 | 5.0 | | | 0.23 | | | 8.3 | | | | 0.29 | | | 3.39 | 17.33 | 1.32 |
| 7.0 | 1625 | 1.0 | | | 0.22 | | | 8.5 | | | | 0.25 | | 3.0 | 2.59 | 17.45 | 0.68 |
| 7.0 | 1625 | 2.0 | | | 0.22 | | | 8.4 | | | | 0.24 | | | 3.43 | 17.35 | 1.34 |
| 7.0 | 1625 | 3.0 | | | 0.21 | | | 8.4 | | | | 0.25 | | | 3.66 | 17.33 | 1.52 |
| 7.0 | 1625 | 4.0 | | | 0.21 | | | 8.4 | | | | 0.27 | | | 3.83 | 17.33 | 1.65 |
| 7.0 | 1625 | 5.0 | | | 0.21 | | | 8.5 | | | | 0.27 | | | 3.94 | 17.33 | 1.74 |
| 7.0 | 1625 | 6.0 | | | 0.22 | | | 8.4 | | | | 0.28 | | | 4.00 | 17.32 | 1.78 |
| 7.0 | 1625 | 7.0 | | | 0.21 | | | 8.5 | | | | 0.28 | | | 4.02 | 17.32 | 1.80 |
| 7.0 | 1625 | 8.0 | | | 0.21 | | | 8.4 | | | | 0.29 | | | 4.09 | 17.31 | 1.86 |
| 7.0 | 1625 | 9.0 | | | 0.21 | | | 8.4 | | | | 0.29 | | | 4.58 | 17.30 | 2.23 |
| 7.0 | 1625 | 10.0 | | | 0.21 | | | 8.4 | | | | 0.29 | | | 4.93 | 17.29 | 2.50 |
| 7.0 | 1625 | 11.0 | | | 0.20 | | | 8.4 | | | | 0.29 | | | 5.25 | 17.29 | 2.74 |
| 7.0 | 1625 | 12.0 | | | 0.20 | | | 8.4 | | | | 0.29 | | | 5.44 | 17.29 | 2.89 |
| 7.0 | 1625 | 13.0 | | | 0.19 | | | 8.3 | | | | 0.28 | | | 5.85 | 17.28 | 3.20 |
| 7.0 | 1625 | 14.0 | | | 0.19 | | | 8.3 | | | | 0.26 | | | 6.37 | 17.26 | 3.60 |
| 8.0 | 1445 | 1.0 | | | 0.20 | | | 7.8 | | | | 0.15 | | 2.1 | 7.90 | 17.56 | 4.71 |
| 8.0 | 1445 | 2.0 | | | 0.20 | | | 7.8 | | | | 0.15 | | | 8.78 | 17.30 | 5.43 |
| 8.0 | 1445 | 3.0 | | | 0.19 | | | 7.8 | | | | 0.15 | | | 8.99 | 17.27 | 5.60 |
| 8.0 | 1445 | 4.0 | | | 0.19 | | | 7.8 | | | | 0.15 | | | 9.05 | 17.27 | 5.64 |
| 8.0 | 1445 | 5.0 | | | 0.19 | | | 7.9 | | | | 0.16 | | | 9.08 | 17.28 | 5.67 |
| 8.0 | 1445 | 6.0 | | | 0.19 | | | 7.9 | | | | 0.15 | | | 9.14 | 17.28 | 5.71 |
| 8.0 | 1445 | 7.0 | | | 0.19 | | | 7.8 | | | | 0.16 | | | 9.23 | 17.28 | 5.78 |
| 8.0 | 1445 | 8.0 | | | 0.20 | | | 7.8 | | | | 0.16 | | | 10.02 | 17.21 | 6.39 |
| 8.0 | 1445 | 9.0 | | | 0.20 | | | 7.7 | | | | 0.16 | | | 10.61 | 17.17 | 6.85 |
| 8.0 | 1445 | 10.0 | | | 0.19 | | | 7.7 | | | | 0.16 | | | 11.22 | 17.13 | 7.32 |
| 8.0 | 1445 | 11.0 | | | 0.19 | | | 7.7 | | | | 0.16 | | | 11.68 | 17.10 | 7.68 |
| 8.0 | 1445 | 12.0 | | | 0.19 | | | 7.7 | | | | 0.17 | | | 12.25 | 17.08 | 8.12 |
| 8.0 | 1445 | 13.0 | | | 0.19 | | | 7.7 | | | | 0.17 | | | 12.41 | 17.07 | 8.24 |
| 8.0 | 1445 | 14.0 | | | 0.19 | | | 7.7 | | | | 0.17 | | | 12.49 | 17.07 | 8.30 |
| 8.0 | 1445 | 15.0 | | | 0.20 | | | 7.6 | | | | 0.19 | | | 12.72 | 17.06 | 8.48 |
| 8.0 | 1445 | 16.0 | | | 0.20 | | | 7.6 | | | | 0.21 | | | 12.98 | 17.05 | 8.68 |
| 8.0 | 1445 | 17.0 | | | 0.20 | | | 7.6 | | | | 0.20 | | | 13.36 | 17.03 | 8.97 |
| 8.0 | 1445 | 18.0 | | | 0.20 | | | 7.6 | | | | 0.19 | | | 14.02 | 17.02 | 9.48 |
| 8.0 | 1445 | 19.0 | | | 0.20 | | | 7.6 | | | | 0.20 | | | 14.40 | 17.01 | 9.77 |
| 9.0 | 1420 | 1.0 | | | 0.20 | | | 7.7 | | | | 0.16 | | 2.1 | 11.06 | 17.19 | 7.18 |
| 9.0 | 1420 | 2.0 | | | 0.19 | | | 7.7 | | | | 0.17 | | | 11.32 | 17.14 | 7.39 |
| 9.0 | 1420 | 3.0 | | | 0.19 | | | 7.6 | | | | 0.17 | | | 11.94 | 17.12 | 7.88 |

North San Francisco Bay October 12, 1998 98284

| 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 | 1420 | 4.0 | | | 0.19 | | | 7.6 | | | | 0.19 | | | 12.48 | 17.07 | 8.30 |
| 9.0 | 1420 | 5.0 | | | 0.19 | | | 7.6 | | | | 0.19 | | | 12.60 | 17.06 | 8.39 |
| 9.0 | 1420 | 6.0 | | | 0.19 | | | 7.6 | | | | 0.19 | | | 12.71 | 17.04 | 8.48 |
| 9.0 | 1420 | 7.0 | | | 0.20 | | | 7.6 | | | | 0.19 | | | 12.75 | 17.04 | 8.51 |
| 9.0 | 1420 | 8.0 | | | 0.21 | | | 7.6 | | | | 0.18 | | | 12.78 | 17.03 | 8.53 |
| 9.0 | 1420 | 9.0 | | | 0.21 | | | 7.6 | | | | 0.18 | | | 12.79 | 17.03 | 8.54 |
| 9.0 | 1420 | 10.0 | | | 0.21 | | | 7.6 | | | | 0.18 | | | 12.79 | 17.03 | 8.54 |
| 9.0 | 1420 | 11.0 | | | 0.21 | | | 7.6 | | | | 0.18 | | | 12.84 | 17.05 | 8.57 |
| 9.0 | 1420 | 12.0 | | | 0.21 | | | 7.6 | | | | 0.20 | | | 13.05 | 17.05 | 8.73 |
| 9.0 | 1420 | 13.0 | | | 0.21 | | | 7.6 | | | | 0.22 | | | 13.45 | 17.04 | 9.04 |
| 9.0 | 1420 | 14.0 | | | 0.21 | | | 7.6 | | | | 0.26 | | | 13.87 | 17.02 | 9.36 |
| 9.0 | 1420 | 15.0 | | | 0.21 | | | 7.6 | | | | 0.29 | | | 14.15 | 16.99 | 9.58 |
| 9.0 | 1420 | 16.0 | | | 0.21 | | | 7.5 | | | | 0.31 | | | 14.38 | 16.99 | 9.76 |
| 9.0 | 1420 | 17.0 | | | 0.20 | | | 7.5 | | | | 0.32 | | | 14.69 | 16.98 | 9.99 |
| 9.0 | 1420 | 18.0 | | | 0.20 | | | 7.5 | | | | 0.33 | | | 15.13 | 16.98 | 10.33 |
| 9.0 | 1420 | 19.0 | | | 0.21 | | | 7.5 | | | | 0.31 | | | 15.48 | 16.97 | 10.60 |
| 9.0 | 1420 | 20.0 | | | 0.21 | | | 7.5 | | | | 0.28 | | | 15.65 | 16.97 | 10.73 |
| 9.0 | 1420 | 21.0 | | | 0.21 | | | 7.5 | | | | 0.28 | | | 16.09 | 16.96 | 11.07 |
| 10.0 | 1400 | 1.0 | | | 0.20 | | | 7.5 | | | | 0.13 | | 1.8 | 11.26 | 17.22 | 7.34 |
| 10.0 | 1400 | 2.0 | | | 0.20 | | | 7.4 | | | | 0.15 | | | 12.26 | 17.11 | 8.11 |
| 10.0 | 1400 | 3.0 | | | 0.20 | | | 7.4 | | | | 0.16 | | | 14.04 | 17.00 | 9.49 |
| 10.0 | 1400 | 4.0 | | | 0.20 | | | 7.3 | | | | 0.17 | | | 14.75 | 16.99 | 10.04 |
| 10.0 | 1400 | 5.0 | | | 0.20 | | | 7.3 | | | | 0.18 | | | 15.14 | 16.97 | 10.34 |
| 10.0 | 1400 | 6.0 | | | 0.20 | | | 7.3 | | | | 0.20 | | | 15.60 | 16.96 | 10.69 |
| 10.0 | 1400 | 7.0 | | | 0.21 | | | 7.3 | | | | 0.21 | | | 15.74 | 16.96 | 10.80 |
| 10.0 | 1400 | 8.0 | | | 0.21 | | | 7.3 | | | | 0.21 | | | 15.87 | 16.95 | 10.90 |
| 10.0 | 1400 | 9.0 | | | 0.22 | | | 7.3 | | | | 0.21 | | | 16.07 | 16.95 | 11.06 |
| 10.0 | 1400 | 10.0 | | | 0.21 | | | 7.3 | | | | 0.22 | | | 16.30 | 16.95 | 11.23 |
| 10.0 | 1400 | 11.0 | | | 0.22 | | | 7.3 | | | | 0.22 | | | 16.71 | 16.94 | 11.54 |
| 10.0 | 1400 | 12.0 | | | 0.22 | | | 7.3 | | | | 0.24 | | | 16.98 | 16.93 | 11.75 |
| 10.0 | 1400 | 13.0 | | | 0.22 | | | 7.2 | | | | 0.25 | | | 17.24 | 16.93 | 11.95 |
| 10.0 | 1400 | 14.0 | | | 0.22 | | | 7.3 | | | | 0.26 | | | 17.50 | 16.93 | 12.15 |
| 10.0 | 1400 | 15.0 | | | 0.22 | | | 7.2 | | | | 0.25 | | | 17.51 | 16.93 | 12.16 |
| 10.0 | 1400 | 16.0 | | | 0.22 | | | 7.2 | | | | 0.25 | | | 17.59 | 16.93 | 12.22 |
| 11.0 | 1335 | 1.0 | | | 0.21 | | | 7.8 | | | | 0.13 | | 1.8 | 14.51 | 17.02 | 9.85 |
| 11.0 | 1335 | 2.0 | | | 0.21 | | | 7.8 | | | | 0.14 | | | 15.05 | 16.94 | 10.28 |
| 11.0 | 1335 | 3.0 | | | 0.20 | | | 7.8 | | | | 0.14 | | | 15.49 | 16.91 | 10.62 |
| 11.0 | 1335 | 4.0 | | | 0.20 | | | 7.7 | | | | 0.14 | | | 15.96 | 16.90 | 10.98 |
| 11.0 | 1335 | 5.0 | | | 0.20 | | | 7.7 | | | | 0.14 | | | 16.63 | 16.88 | 11.50 |
| 11.0 | 1335 | 6.0 | | | 0.20 | | | 7.6 | | | | 0.14 | | | 17.26 | 16.86 | 11.98 |
| 11.0 | 1335 | 7.0 | | | 0.21 | | | 7.5 | | | | 0.14 | | | 19.47 | 16.81 | 13.68 |

North San Francisco Bay | October 12, 1998 | 98284

| 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 | 1335 | 8.0 | | | 0.22 | | | 7.5 | | | | 0.14 | | | 19.91 | 16.78 | 14.02 |
| 11.0 | 1335 | 9.0 | | | 0.22 | | | 7.4 | | | | 0.14 | | | 20.66 | 16.74 | 14.60 |
| 11.0 | 1335 | 10.0 | | | 0.22 | | | 7.4 | | | | 0.14 | | | 21.55 | 16.68 | 15.29 |
| 11.0 | 1335 | 11.0 | | | 0.23 | | | 7.4 | | | | 0.13 | | | 21.89 | 16.64 | 15.56 |
| 11.0 | 1335 | 12.0 | | | 0.23 | | | 7.4 | | | | 0.12 | | | 22.16 | 16.62 | 15.77 |
| 11.0 | 1335 | 13.0 | | | 0.23 | | | 7.4 | | | | 0.12 | | | 22.34 | 16.58 | 15.91 |
| 11.0 | 1335 | 14.0 | | | 0.22 | | | 7.3 | | | | 0.12 | | | 22.49 | 16.57 | 16.03 |
| 11.0 | 1335 | 15.0 | | | 0.22 | | | 7.4 | | | | 0.13 | | | 22.64 | 16.56 | 16.15 |
| 12.0 | 1215 | 1.0 | | | 0.26 | | | 7.5 | | | | 0.12 | | 1.6 | 16.15 | 17.00 | 11.10 |
| 12.0 | 1215 | 2.0 | | | 0.26 | | | 7.4 | | | | 0.11 | | | 17.31 | 16.89 | 12.01 |
| 12.0 | 1215 | 3.0 | | | 0.24 | | | 7.3 | | | | 0.11 | | | 19.06 | 16.73 | 13.38 |
| 12.0 | 1215 | 4.0 | | | 0.22 | | | 7.1 | | | | 0.11 | | | 21.30 | 16.68 | 15.10 |
| 12.0 | 1215 | 5.0 | | | 0.22 | | | 7.1 | | | | 0.11 | | | 22.32 | 16.62 | 15.89 |
| 12.0 | 1215 | 6.0 | | | 0.22 | | | 7.1 | | | | 0.13 | | | 22.71 | 16.57 | 16.20 |
| 12.0 | 1215 | 7.0 | | | 0.23 | | | 7.1 | | | | 0.13 | | | 22.89 | 16.55 | 16.34 |
| 12.0 | 1215 | 8.0 | | | 0.23 | | | 7.0 | | | | 0.13 | | | 23.13 | 16.52 | 16.53 |
| 12.0 | 1215 | 9.0 | | | 0.23 | | | 7.1 | | | | 0.12 | | | 23.38 | 16.49 | 16.73 |
| 13.0 | 1050 | 1.0 | | | 0.31 | | | 7.7 | | | | 0.11 | | 1.5 | 22.90 | 16.53 | 16.35 |
| 13.0 | 1050 | 2.0 | | | 0.29 | | | 7.7 | | | | 0.11 | | | 23.30 | 16.46 | 16.68 |
| 13.0 | 1050 | 3.0 | | | 0.27 | | | 7.7 | | | | 0.11 | | | 23.53 | 16.45 | 16.85 |
| 13.0 | 1050 | 4.0 | | | 0.26 | | | 7.6 | | | | 0.12 | | | 23.56 | 16.45 | 16.88 |
| 13.0 | 1050 | 5.0 | | | 0.26 | | | 7.6 | | | | 0.12 | | | 23.77 | 16.41 | 17.05 |
| 13.0 | 1050 | 6.0 | | | 0.25 | | | 7.6 | | | | 0.12 | | | 23.98 | 16.36 | 17.21 |
| 13.0 | 1050 | 7.0 | | | 0.25 | | | 7.6 | | | | 0.12 | | | 24.09 | 16.33 | 17.30 |
| 13.0 | 1050 | 8.0 | | | 0.26 | | | 7.6 | | | | 0.11 | | | 24.14 | 16.32 | 17.35 |
| 13.0 | 1050 | 9.0 | | | 0.27 | | | 7.6 | | | | 0.11 | | | 24.18 | 16.32 | 17.38 |
| 13.0 | 1050 | 10.0 | | | 0.27 | | | 7.6 | | | | 0.14 | | | 24.32 | 16.30 | 17.49 |
| 13.0 | 1050 | 11.0 | | | 0.26 | | | 7.6 | | | | 0.17 | | | 24.33 | 16.30 | 17.50 |
| 13.0 | 1050 | 12.0 | | | 0.28 | | | 7.6 | | | | 0.16 | | | 24.34 | 16.30 | 17.50 |
| 13.0 | 1050 | 13.0 | | | 0.29 | | | 7.6 | | | | 0.15 | | | 24.34 | 16.31 | 17.50 |
| 14.0 | 1035 | 1.0 | | | 0.28 | | | 7.6 | | | | 0.08 | | 1.1 | 24.50 | 16.22 | 17.64 |
| 14.0 | 1035 | 2.0 | | | 0.28 | | | 7.6 | | | | 0.08 | | | 24.38 | 16.23 | 17.55 |
| 14.0 | 1035 | 3.0 | | | 0.27 | | | 7.6 | | | | 0.08 | | | 24.63 | 16.19 | 17.75 |
| 14.0 | 1035 | 4.0 | | | 0.27 | | | 7.6 | | | | 0.08 | | | 24.75 | 16.17 | 17.84 |
| 14.0 | 1035 | 5.0 | | | 0.26 | | | 7.5 | | | | 0.09 | | | 24.96 | 16.16 | 18.01 |
| 14.0 | 1035 | 6.0 | | | 0.26 | | | 7.5 | | | | 0.09 | | | 25.15 | 16.10 | 18.16 |
| 14.0 | 1035 | 7.0 | | | 0.25 | | | 7.5 | | | | 0.10 | | | 25.33 | 16.07 | 18.31 |
| 14.0 | 1035 | 8.0 | | | 0.25 | | | 7.5 | | | | 0.10 | | | 25.50 | 16.04 | 18.45 |
| 14.0 | 1035 | 9.0 | | | 0.25 | | | 7.5 | | | | 0.10 | | | 25.72 | 15.99 | 18.63 |
| 14.0 | 1035 | 10.0 | | | 0.25 | | | 7.5 | | | | 0.10 | | | 25.81 | 15.97 | 18.70 |

North San Francisco Bay October 12, 1998 98284

| 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 | 1035 | 11.0 | | | 0.26 | | | 7.5 | | | | 0.10 | | | 25.81 | 15.97 | 18.70 |
| 14.0 | 1035 | 12.0 | | | 0.27 | | | 7.5 | | | | 0.10 | | | 25.82 | 15.96 | 18.71 |
| 14.0 | 1035 | 13.0 | | | 0.26 | | | 7.5 | | | | 0.10 | | | 25.88 | 15.94 | 18.76 |
| 14.0 | 1035 | 14.0 | | | 0.26 | | | 7.5 | | | | 0.10 | | | 26.03 | 15.92 | 18.88 |
| 16.0 | 0920 | 1.0 | | | 0.25 | | | 6.9 | | | | 0.09 | | 1.1 | 26.98 | 15.81 | 19.63 |
| 16.0 | 0920 | 2.0 | | | 0.25 | | | 6.8 | | | | 0.09 | | | 26.99 | 15.81 | 19.64 |
| 16.0 | 0920 | 3.0 | | | 0.24 | | | 6.8 | | | | 0.08 | | | 27.43 | 15.70 | 20.00 |
| 16.0 | 0920 | 4.0 | | | 0.24 | | | 6.8 | | | | 0.08 | | | 27.56 | 15.66 | 20.11 |
| 16.0 | 0920 | 5.0 | | | 0.23 | | | 6.9 | | | | 0.08 | | | 27.61 | 15.65 | 20.15 |
| 16.0 | 0920 | 6.0 | | | 0.22 | | | 6.9 | | | | 0.08 | | | 27.61 | 15.65 | 20.15 |
| 16.0 | 0920 | 7.0 | | | 0.23 | | | 6.9 | | | | 0.08 | | | 27.63 | 15.64 | 20.16 |
| 16.0 | 0920 | 8.0 | | | 0.24 | | | 6.9 | | | | 0.08 | | | 27.65 | 15.62 | 20.18 |
| 16.0 | 0920 | 9.0 | | | 0.25 | | | 6.9 | | | | 0.08 | | | 27.70 | 15.55 | 20.24 |
| 16.0 | 0920 | 10.0 | | | 0.26 | | | 6.9 | | | | 0.08 | | | 27.96 | 15.43 | 20.46 |
| 16.0 | 0920 | 11.0 | | | 0.24 | | | 6.8 | | | | 0.07 | | | 28.30 | 15.38 | 20.73 |
| 16.0 | 0920 | 12.0 | | | 0.23 | | | 6.8 | | | | 0.07 | | | 28.56 | 15.36 | 20.94 |
| 16.0 | 0920 | 13.0 | | | 0.23 | | | 6.8 | | | | 0.07 | | | 28.76 | 15.32 | 21.10 |
| 16.0 | 0920 | 14.0 | | | 0.23 | | | 6.8 | | | | 0.07 | | | 28.81 | 15.32 | 21.14 |
| 16.0 | 0920 | 15.0 | | | 0.23 | | | 6.8 | | | | 0.08 | | | 28.81 | 15.32 | 21.14 |
| 16.0 | 0920 | 16.0 | | | 0.23 | | | 6.8 | | | | 0.08 | | | 28.80 | 15.32 | 21.13 |
| 16.0 | 0920 | 17.0 | | | 0.24 | | | 6.8 | | | | 0.07 | | | 28.80 | 15.32 | 21.13 |
| 16.0 | 0920 | 18.0 | | | 0.24 | | | 6.7 | | | | 0.07 | | | 28.82 | 15.32 | 21.14 |
| 16.0 | 0920 | 19.0 | | | 0.24 | | | 6.8 | | | | 0.08 | | | 28.85 | 15.33 | 21.17 |
| 16.0 | 0920 | 20.0 | | | 0.24 | | | 6.8 | | | | 0.09 | | | 28.89 | 15.33 | 21.20 |
| 18.0 | 0845 | 1.0 | | | 0.28 | | | 6.7 | | | | 0.05 | | 0.7 | 27.45 | 15.46 | 20.07 |
| 18.0 | 0845 | 2.0 | | | 0.25 | | | 6.6 | | | | 0.05 | | | 29.52 | 14.88 | 21.78 |
| 18.0 | 0845 | 3.0 | | | 0.23 | | | 6.6 | | | | 0.04 | | | 30.06 | 14.70 | 22.23 |
| 18.0 | 0845 | 4.0 | | | 0.23 | | | 6.6 | | | | 0.04 | | | 30.30 | 14.63 | 22.43 |
| 18.0 | 0845 | 5.0 | | | 0.23 | | | 6.6 | | | | 0.04 | | | 30.35 | 14.61 | 22.48 |
| 18.0 | 0845 | 6.0 | | | 0.23 | | | 6.6 | | | | 0.04 | | | 30.46 | 14.58 | 22.56 |
| 18.0 | 0845 | 7.0 | | | 0.22 | | | 6.6 | | | | 0.04 | | | 30.66 | 14.51 | 22.73 |
| 18.0 | 0845 | 8.0 | | | 0.22 | | | 6.6 | | | | 0.04 | | | 30.68 | 14.49 | 22.75 |
| 18.0 | 0845 | 9.0 | | | 0.21 | | | 6.6 | | | | 0.05 | | | 30.69 | 14.49 | 22.76 |
| 18.0 | 0845 | 10.0 | | | 0.21 | | | 6.6 | | | | 0.05 | | | 30.72 | 14.47 | 22.78 |
| 18.0 | 0845 | 11.0 | | | 0.21 | | | 6.6 | | | | 0.05 | | | 30.73 | 14.47 | 22.79 |
| 18.0 | 0845 | 12.0 | | | 0.22 | | | 6.7 | | | | 0.05 | | | 30.74 | 14.46 | 22.80 |
| 18.0 | 0845 | 13.0 | | | 0.21 | | | 6.7 | | | | 0.06 | | | 30.75 | 14.45 | 22.82 |
| 18.0 | 0845 | 14.0 | | | 0.22 | | | 6.7 | | | | 0.05 | | | 30.76 | 14.45 | 22.82 |
| 18.0 | 0845 | 15.0 | | | 0.22 | | | 6.7 | | | | 0.05 | | | 30.77 | 14.44 | 22.83 |
| 18.0 | 0845 | 16.0 | | | 0.22 | | | 6.7 | | | | 0.05 | | | 30.77 | 14.44 | 22.83 |
| 18.0 | 0845 | 17.0 | | | 0.23 | | | 6.7 | | | | 0.05 | | | 30.77 | 14.43 | 22.84 |

North San Francisco Bay | October 12, 1998 | 98284

| 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 | 0845 | 18.0 | | | 0.23 | | | 6.7 | | | | 0.05 | | | 30.78 | 14.43 | 22.84 |
| 18.0 | 0845 | 19.0 | | | 0.24 | | | 6.7 | | | | 0.05 | | | 30.79 | 14.42 | 22.85 |
| 18.0 | 0845 | 20.0 | | | 0.25 | | | 6.7 | | | | 0.05 | | | 30.80 | 14.41 | 22.86 |
| 18.0 | 0845 | 21.0 | | | 0.26 | | | 6.7 | | | | 0.05 | | | 30.81 | 14.41 | 22.87 |
| 18.0 | 0845 | 22.0 | | | 0.26 | | | 6.7 | | | | 0.06 | | | 30.82 | 14.41 | 22.87 |
| 18.0 | 0845 | 23.0 | | | 0.25 | | | 6.7 | | | | 0.06 | | | 30.81 | 14.41 | 22.87 |
| 18.0 | 0845 | 24.0 | | | 0.24 | | | 6.7 | | | | 0.06 | | | 30.81 | 14.41 | 22.87 |
| 18.0 | 0845 | 25.0 | | | 0.25 | | | 6.6 | | | | 0.06 | | | 30.82 | 14.41 | 22.87 |
| 18.0 | 0845 | 26.0 | | | 0.25 | | | 6.7 | | | | 0.07 | | | 30.82 | 14.41 | 22.87 |

North San Francisco Bay November 10, 1998 98314

| 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 | 1731 | 1.0 | | | 0.19 | 1.5 | | 9.7 | 9.4 | 89 | | 0.12 | 16 | | 0.08 | 12.97 | 0.00 |
| 657.0 | 1731 | 2.0 | 2.1 | 0.51 | 0.19 | 1.5 | 9.4 | 9.7 | 9.4 | 89 | 14.4 | 0.12 | 16 | | 0.08 | 12.97 | 0.00 |
| 657.0 | 1731 | 3.0 | | | 0.19 | 1.5 | | 9.7 | 9.4 | 89 | | 0.12 | 16 | | 0.08 | 12.97 | 0.00 |
| 657.0 | 1731 | 4.0 | | | 0.19 | 1.5 | | 9.7 | 9.4 | 89 | | 0.12 | 16 | | 0.08 | 12.97 | 0.00 |
| 657.0 | 1731 | 5.0 | | | 0.19 | 1.5 | | 9.7 | 9.4 | 89 | | 0.12 | 16 | | 0.08 | 12.98 | 0.00 |
| 657.0 | 1731 | 6.0 | | | 0.20 | 1.5 | | 9.7 | 9.4 | 89 | | 0.12 | 16 | | 0.08 | 12.98 | 0.00 |
| 657.0 | 1731 | 7.0 | | | 0.20 | 1.6 | | 9.7 | 9.4 | 89 | | 0.13 | 17 | | 0.08 | 12.98 | 0.00 |
| 657.0 | 1731 | 8.0 | | | 0.20 | 1.6 | | 9.7 | 9.4 | 89 | | 0.12 | 16 | | 0.08 | 12.98 | 0.00 |
| 657.0 | 1731 | 9.0 | | | 0.20 | 1.6 | | 9.7 | 9.4 | 89 | | 0.12 | 16 | | 0.08 | 12.98 | 0.00 |
| 657.0 | 1731 | 10.0 | | | 0.20 | 1.6 | | 9.7 | 9.4 | 89 | | 0.12 | 16 | | 0.08 | 12.98 | 0.00 |
| 657.0 | 1731 | 11.0 | 1.9 | 0.49 | 0.20 | 1.6 | | 9.7 | 9.4 | 89 | | 0.12 | 16 | | 0.08 | 12.98 | 0.00 |
| 649.0 | 1641 | 1.0 | | | 0.23 | 2.0 | | 9.7 | 9.4 | 91 | | 0.13 | 17 | | 0.14 | 13.57 | 0.00 |
| 649.0 | 1641 | 2.0 | 2.3 | 0.52 | 0.23 | 2.0 | 9.4 | 9.7 | 9.4 | 91 | 15.7 | 0.13 | 18 | | 0.14 | 13.57 | 0.00 |
| 649.0 | 1641 | 3.0 | | | 0.23 | 2.0 | | 9.7 | 9.4 | 91 | | 0.13 | 17 | | 0.14 | 13.57 | 0.00 |
| 649.0 | 1641 | 4.0 | | | 0.23 | 2.1 | | 9.7 | 9.4 | 91 | | 0.13 | 17 | | 0.14 | 13.56 | 0.00 |
| 649.0 | 1641 | 5.0 | | | 0.24 | 2.2 | | 9.7 | 9.4 | 91 | | 0.13 | 17 | | 0.14 | 13.57 | 0.00 |
| 649.0 | 1641 | 6.0 | | | 0.25 | 2.3 | | 9.7 | 9.4 | 91 | | 0.13 | 17 | | 0.14 | 13.57 | 0.00 |
| 649.0 | 1641 | 7.0 | | | 0.25 | 2.3 | | 9.7 | 9.4 | 91 | | 0.13 | 17 | | 0.14 | 13.57 | 0.00 |
| 649.0 | 1641 | 8.0 | | | 0.26 | 2.4 | | 9.7 | 9.4 | 91 | | 0.13 | 17 | | 0.14 | 13.57 | 0.00 |
| 649.0 | 1641 | 9.0 | | | 0.26 | 2.5 | | 9.7 | 9.4 | 91 | | 0.13 | 17 | | 0.14 | 13.57 | 0.00 |
| 649.0 | 1641 | 10.0 | | | 0.25 | 2.3 | | 9.7 | 9.4 | 91 | | 0.13 | 17 | | 0.14 | 13.57 | 0.00 |
| 649.0 | 1641 | 11.0 | 2.5 | 0.67 | 0.25 | 2.3 | | 9.7 | 9.4 | 91 | | 0.13 | 17 | | 0.14 | 13.57 | 0.00 |
| 2.0 | 1620 | 1.0 | | | 0.26 | 2.5 | | 9.6 | 9.3 | 91 | | 0.19 | 26 | | 0.54 | 14.08 | 0.00 |
| 2.0 | 1620 | 2.0 | | | 0.26 | 2.5 | | 9.6 | 9.3 | 91 | | 0.19 | 26 | | 0.54 | 14.08 | 0.00 |
| 2.0 | 1620 | 3.0 | | | 0.27 | 2.6 | | 9.6 | 9.3 | 91 | | 0.19 | 26 | | 0.59 | 14.12 | 0.00 |
| 2.0 | 1620 | 4.0 | | | 0.28 | 2.8 | | 9.6 | 9.4 | 92 | | 0.19 | 27 | | 0.63 | 14.15 | 0.00 |
| 2.0 | 1620 | 5.0 | | | 0.30 | 3.0 | | 9.6 | 9.4 | 92 | | 0.20 | 27 | | 0.72 | 14.19 | 0.00 |
| 2.0 | 1620 | 6.0 | | | 0.31 | 3.2 | | 9.6 | 9.3 | 92 | | 0.20 | 28 | | 0.84 | 14.26 | 0.00 |
| 2.0 | 1620 | 7.0 | | | 0.33 | 3.4 | | 9.6 | 9.3 | 92 | | 0.21 | 29 | | 0.90 | 14.30 | 0.00 |
| 2.0 | 1620 | 8.0 | | | 0.34 | 3.6 | | 9.6 | 9.3 | 92 | | 0.22 | 30 | | 0.95 | 14.33 | 0.00 |
| 2.0 | 1620 | 9.0 | | | 0.35 | 3.7 | | 9.6 | 9.3 | 92 | | 0.22 | 31 | | 0.98 | 14.35 | 0.00 |
| 2.0 | 1620 | 10.0 | | | 0.34 | 3.7 | | 9.6 | 9.3 | 92 | | 0.22 | 31 | | 1.00 | 14.34 | 0.00 |
| 2.0 | 1620 | 11.0 | | | 0.37 | 4.1 | | 9.6 | 9.3 | 92 | | 0.23 | 32 | | 1.02 | 14.33 | 0.00 |
| 2.0 | 1620 | 12.0 | | | 0.38 | 4.3 | | 9.6 | 9.3 | 92 | | 0.23 | 33 | | 1.04 | 14.33 | 0.01 |
| 3.0 | 1605 | 1.0 | | | 0.31 | 3.2 | | 9.6 | 9.3 | 91 | | 0.23 | 32 | 4.0 | 0.80 | 14.17 | 0.00 |
| 3.0 | 1605 | 2.0 | 2.9 | 0.54 | 0.31 | 3.2 | 9.3 | 9.6 | 9.3 | 91 | 28.9 | 0.23 | 32 | | 0.80 | 14.17 | 0.00 |
| 3.0 | 1605 | 3.0 | | | 0.32 | 3.3 | | 9.6 | 9.3 | 91 | | 0.23 | 32 | | 0.83 | 14.19 | 0.00 |
| 3.0 | 1605 | 4.0 | | | 0.32 | 3.3 | | 9.6 | 9.3 | 91 | | 0.24 | 33 | | 0.83 | 14.19 | 0.00 |
| 3.0 | 1605 | 5.0 | | | 0.33 | 3.4 | | 9.6 | 9.3 | 92 | | 0.24 | 34 | | 0.87 | 14.21 | 0.00 |
| 3.0 | 1605 | 6.0 | | | 0.34 | 3.6 | | 9.6 | 9.3 | 92 | | 0.25 | 35 | | 0.92 | 14.23 | 0.00 |

North San Francisco Bay | November 10, 1998 | 98314

| 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 | 1605 | 7.0 | | | 0.34 | 3.6 | | 9.6 | 9.3 | 92 | | 0.25 | 36 | | 1.00 | 14.27 | 0.00 |
| 3.0 | 1605 | 8.0 | | | 0.34 | 3.6 | | 9.6 | 9.3 | 92 | | 0.25 | 36 | | 1.06 | 14.30 | 0.02 |
| 3.0 | 1605 | 9.0 | | | 0.33 | 3.5 | | 9.6 | 9.3 | 92 | | 0.25 | 35 | | 1.12 | 14.34 | 0.07 |
| 3.0 | 1605 | 10.0 | | | 0.33 | 3.4 | | 9.6 | 9.3 | 92 | | 0.25 | 35 | | 1.16 | 14.36 | 0.10 |
| 3.0 | 1605 | 11.0 | | | 0.33 | 3.5 | | 9.6 | 9.3 | 92 | | 0.25 | 36 | | 1.19 | 14.37 | 0.12 |
| 3.0 | 1605 | 12.0 | | | 0.34 | 3.6 | | 9.6 | 9.3 | 92 | | 0.26 | 36 | | 1.19 | 14.37 | 0.12 |
| 3.0 | 1605 | 13.0 | | | 0.34 | 3.6 | | 9.6 | 9.3 | 92 | | 0.27 | 38 | | 1.21 | 14.37 | 0.13 |
| 3.0 | 1605 | 14.0 | 3.7 | 0.52 | 0.34 | 3.6 | | 9.6 | 9.3 | 92 | | 0.27 | 39 | | 1.22 | 14.37 | 0.14 |
| 4.0 | 1540 | 1.0 | | | 0.32 | 3.3 | | 9.5 | 9.3 | 92 | | 0.25 | 36 | 3.3 | 1.48 | 14.29 | 0.35 |
| 4.0 | 1540 | 2.0 | | | 0.31 | 3.2 | | 9.6 | 9.3 | 92 | | 0.25 | 35 | | 1.48 | 14.29 | 0.35 |
| 4.0 | 1540 | 3.0 | | | 0.32 | 3.3 | | 9.6 | 9.4 | 92 | | 0.25 | 35 | | 1.52 | 14.31 | 0.38 |
| 4.0 | 1540 | 4.0 | | | 0.32 | 3.3 | | 9.6 | 9.3 | 93 | | 0.25 | 35 | | 1.96 | 14.48 | 0.69 |
| 4.0 | 1540 | 5.0 | | | 0.32 | 3.4 | | 9.5 | 9.3 | 92 | | 0.25 | 36 | | 2.06 | 14.50 | 0.77 |
| 4.0 | 1540 | 6.0 | | | 0.33 | 3.4 | | 9.5 | 9.3 | 92 | | 0.27 | 38 | | 2.13 | 14.46 | 0.83 |
| 4.0 | 1540 | 7.0 | | | 0.32 | 3.4 | | 9.5 | 9.3 | 92 | | 0.28 | 39 | | 2.24 | 14.45 | 0.92 |
| 4.0 | 1540 | 8.0 | | | 0.32 | 3.4 | | 9.5 | 9.2 | 92 | | 0.28 | 40 | | 2.29 | 14.43 | 0.95 |
| 4.0 | 1540 | 9.0 | | | 0.32 | 3.3 | | 9.5 | 9.2 | 92 | | 0.29 | 42 | | 2.32 | 14.40 | 0.98 |
| 4.0 | 1540 | 10.0 | | | 0.31 | 3.2 | | 9.4 | 9.2 | 92 | | 0.30 | 43 | | 2.41 | 14.37 | 1.06 |
| 4.0 | 1540 | 11.0 | | | 0.30 | 3.1 | | 9.4 | 9.2 | 92 | | 0.31 | 44 | | 2.57 | 14.35 | 1.18 |
| 4.0 | 1540 | 12.0 | | | 0.30 | 3.0 | | 9.4 | 9.2 | 92 | | 0.34 | 48 | | 2.77 | 14.34 | 1.34 |
| 4.0 | 1540 | 13.0 | | | 0.29 | 2.9 | | 9.4 | 9.2 | 92 | | 0.37 | 53 | | 2.87 | 14.34 | 1.41 |
| 4.0 | 1540 | 14.0 | | | 0.29 | 2.9 | | 9.4 | 9.2 | 91 | | 0.39 | 55 | | 2.93 | 14.33 | 1.46 |
| 4.0 | 1540 | 15.0 | | | 0.30 | 3.0 | | 9.4 | 9.2 | 92 | | 0.44 | 64 | | 3.07 | 14.32 | 1.58 |
| 4.0 | 1540 | 16.0 | | | 0.30 | 3.0 | | 9.4 | 9.2 | 92 | | 0.50 | 73 | | 3.20 | 14.32 | 1.67 |
| 5.0 | 1520 | 1.0 | | | 0.27 | 2.5 | | 9.5 | 9.2 | 92 | | 0.24 | 34 | 3.1 | 2.79 | 14.36 | 1.35 |
| 5.0 | 1520 | 2.0 | | | 0.26 | 2.5 | | 9.5 | 9.2 | 92 | | 0.24 | 34 | | 2.82 | 14.36 | 1.38 |
| 5.0 | 1520 | 3.0 | | | 0.27 | 2.6 | | 9.5 | 9.2 | 92 | | 0.25 | 35 | | 2.87 | 14.36 | 1.41 |
| 5.0 | 1520 | 4.0 | | | 0.27 | 2.6 | | 9.4 | 9.2 | 92 | | 0.25 | 35 | | 3.03 | 14.36 | 1.53 |
| 5.0 | 1520 | 5.0 | | | 0.28 | 2.8 | | 9.4 | 9.2 | 92 | | 0.26 | 37 | | 3.04 | 14.35 | 1.55 |
| 5.0 | 1520 | 6.0 | | | 0.29 | 2.9 | | 9.4 | 9.2 | 92 | | 0.27 | 39 | | 3.09 | 14.34 | 1.58 |
| 5.0 | 1520 | 7.0 | | | 0.28 | 2.7 | | 9.3 | 9.1 | 91 | | 0.29 | 42 | | 3.52 | 14.29 | 1.92 |
| 5.0 | 1520 | 8.0 | | | 0.25 | 2.3 | | 9.3 | 9.1 | 91 | | 0.32 | 46 | | 4.93 | 14.20 | 3.03 |
| 5.0 | 1520 | 9.0 | | | 0.22 | 1.9 | | 9.2 | 9.0 | 91 | | 0.29 | 41 | | 5.58 | 14.18 | 3.53 |
| 5.0 | 1520 | 10.0 | | | 0.21 | 1.8 | | 9.3 | 9.1 | 92 | | 0.26 | 37 | | 5.79 | 14.17 | 3.69 |
| 5.0 | 1520 | 11.0 | | | 0.21 | 1.8 | | 9.3 | 9.1 | 92 | | 0.24 | 34 | | 5.89 | 14.16 | 3.77 |
| 6.0 | 1452 | 1.0 | | | 0.26 | 2.5 | | 9.4 | 9.2 | 92 | | 0.21 | 29 | 2.4 | 3.98 | 14.16 | 2.30 |
| 6.0 | 1452 | 2.0 | 2.2 | 0.56 | 0.26 | 2.5 | 9.2 | 9.4 | 9.2 | 92 | 30.3 | 0.22 | 32 | | 4.21 | 14.14 | 2.48 |
| 6.0 | 1452 | 3.0 | | | 0.25 | 2.3 | | 9.4 | 9.2 | 92 | | 0.25 | 35 | | 4.84 | 14.13 | 2.97 |
| 6.0 | 1452 | 4.0 | | | 0.25 | 2.2 | | 9.3 | 9.1 | 92 | | 0.28 | 40 | | 5.73 | 14.13 | 3.65 |
| 6.0 | 1452 | 5.0 | | | 0.24 | 2.1 | | 9.3 | 9.1 | 92 | | 0.35 | 50 | | 6.45 | 14.12 | 4.20 |

North San Francisco Bay November 10, 1998 98314

| 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 | 1452 | 6.0 | | | 0.23 | 2.0 | | 9.2 | 9.0 | 92 | | 0.40 | 57 | | 7.10 | 14.12 | 4.70 |
| 6.0 | 1452 | 7.0 | | | 0.22 | 1.9 | | 9.2 | 9.0 | 92 | | 0.41 | 59 | | 7.69 | 14.12 | 5.15 |
| 6.0 | 1452 | 8.0 | | | 0.22 | 1.8 | | 9.1 | 9.0 | 92 | | 0.41 | 59 | | 7.96 | 14.12 | 5.36 |
| 6.0 | 1452 | 9.0 | | | 0.22 | 1.8 | | 9.1 | 8.9 | 92 | | 0.42 | 61 | | 8.29 | 14.12 | 5.62 |
| 6.0 | 1452 | 10.0 | 1.1 | 0.29 | 0.22 | 1.8 | | 9.1 | 8.9 | 92 | | 0.47 | 77 | | 8.62 | 14.12 | 5.87 |
| 7.0 | 1427 | 1.0 | | | 0.22 | 1.8 | | 9.3 | 9.1 | 92 | | 0.21 | 29 | 2.7 | 7.04 | 14.01 | 4.68 |
| 7.0 | 1427 | 2.0 | | | 0.22 | 1.8 | | 9.3 | 9.1 | 92 | | 0.22 | 30 | | 7.18 | 14.01 | 4.78 |
| 7.0 | 1427 | 3.0 | | | 0.22 | 1.8 | | 9.3 | 9.1 | 93 | | 0.21 | 30 | | 7.72 | 14.03 | 5.19 |
| 7.0 | 1427 | 4.0 | | | 0.21 | 1.7 | | 9.2 | 9.0 | 92 | | 0.22 | 30 | | 8.80 | 14.08 | 6.01 |
| 7.0 | 1427 | 5.0 | | | 0.21 | 1.7 | | 9.1 | 8.9 | 92 | | 0.22 | 32 | | 9.73 | 14.10 | 6.73 |
| 7.0 | 1427 | 6.0 | | | 0.21 | 1.7 | | 9.0 | 8.9 | 92 | | [illegible] | 36 | | 10.03 | 14.10 | 6.96 |
| 7.0 | 1427 | 7.0 | | | 0.20 | 1.6 | | 9.0 | 8.8 | 92 | | 0 | 40 | | 10.47 | 14.10 | 7.30 |
| 7.0 | 1427 | 8.0 | | | 0.20 | 1.6 | | 8.9 | 8.8 | 92 | | 0.[illegible] | 41 | | 11.47 | 14.10 | 8.06 |
| 7.0 | 1427 | 9.0 | | | 0.20 | 1.6 | | 8.9 | 8.7 | 92 | | 0.31 | 43 | | 12.24 | 14.10 | 8.65 |
| 7.0 | 1427 | 10.0 | | | 0.20 | 1.6 | | 8.8 | 8.7 | 92 | | 0.33 | 47 | | 12.28 | 14.10 | 8.69 |
| 7.0 | 1427 | 11.0 | | | 0.20 | 1.6 | | 8.8 | 8.7 | 92 | | 0.34 | 49 | | 12.38 | 14.09 | 8.76 |
| 7.0 | 1427 | 12.0 | | | 0.21 | 1.7 | | 8.8 | 8.7 | 92 | | 0.37 | 52 | | 12.80 | 14.09 | 9.08 |
| 7.0 | 1427 | 13.0 | | | 0.23 | 2.0 | | 8.8 | 8.7 | 92 | | 0.49 | 70 | | 13.41 | 14.09 | 9.55 |
| 7.0 | 1427 | 14.0 | | | 0.23 | 2.0 | | 8.7 | 8.6 | 92 | | 0.67 | 98 | | 13.49 | 14.09 | 9.62 |
| 8.0 | 1400 | 1.0 | | | 0.21 | 1.8 | | 9.1 | 9.0 | 92 | | 0.23 | 33 | 3.0 | 8.98 | 14.02 | 6.17 |
| 8.0 | 1400 | 2.0 | | | 0.21 | 1.8 | | 9.1 | 9.0 | 92 | | 0.23 | 33 | | 8.99 | 14.02 | 6.17 |
| 8.0 | 1400 | 3.0 | | | 0.21 | 1.7 | | 9.2 | 9.0 | 92 | | 0.24 | 33 | | 9.00 | 14.02 | 6.18 |
| 8.0 | 1400 | 4.0 | | | 0.21 | 1.7 | | 9.1 | 8.9 | 92 | | 0.24 | 33 | | 9.97 | 14.05 | 6.92 |
| 8.0 | 1400 | 5.0 | | | 0.20 | 1.6 | | 8.9 | 8.8 | 92 | | 0.24 | 33 | | 11.65 | 14.09 | 8.20 |
| 8.0 | 1400 | 6.0 | | | 0.20 | 1.6 | | 8.9 | 8.8 | 92 | | 0.24 | 34 | | 11.97 | 14.10 | 8.44 |
| 8.0 | 1400 | 7.0 | | | 0.20 | 1.6 | | 8.8 | 8.7 | 92 | | 0.25 | 35 | | 12.45 | 14.10 | 8.82 |
| 8.0 | 1400 | 8.0 | | | 0.20 | 1.6 | | 8.8 | 8.7 | 92 | | 0.26 | 37 | | 12.91 | 14.10 | 9.17 |
| 8.0 | 1400 | 9.0 | | | 0.20 | 1.6 | | 8.7 | 8.6 | 91 | | 0.27 | 38 | | 13.83 | 14.09 | 9.88 |
| 8.0 | 1400 | 10.0 | | | 0.19 | 1.5 | | 8.6 | 8.6 | 91 | | 0.26 | 37 | | 14.86 | 14.06 | 10.67 |
| 8.0 | 1400 | 11.0 | | | 0.18 | 1.4 | | 8.6 | 8.5 | 91 | | 0.25 | 35 | | 15.10 | 14.06 | 10.85 |
| 8.0 | 1400 | 12.0 | | | 0.18 | 1.3 | | 8.6 | 8.5 | 91 | | 0.25 | 35 | | 15.13 | 14.06 | 10.88 |
| 8.0 | 1400 | 13.0 | | | 0.18 | 1.3 | | 8.6 | 8.5 | 91 | | 0.25 | 35 | | 15.16 | 14.05 | 10.90 |
| 8.0 | 1400 | 14.0 | | | 0.19 | 1.4 | | 8.6 | 8.5 | 91 | | 0.25 | 35 | | 15.19 | 14.05 | 10.93 |
| 8.0 | 1400 | 15.0 | | | 0.19 | 1.5 | | 8.6 | 8.5 | 91 | | 0.29 | 41 | | 15.78 | 14.03 | 11.38 |
| 9.0 | 1329 | 3.0 | 1.4 | 0.46 | 0.21 | 1.7 | 8.7 | 8.7 | 8.6 | 91 | 41.2 | 0.26 | 37 | | 12.92 | 14.03 | 9.18 |
| 9.0 | 1329 | 4.0 | | | 0.21 | 1.7 | | 8.7 | 8.6 | 91 | | 0.27 | 38 | | 13.07 | 14.03 | 9.30 |
| 9.0 | 1329 | 5.0 | | | 0.21 | 1.8 | | 8.7 | 8.6 | 91 | | 0.27 | 38 | | 13.41 | 14.03 | 9.56 |
| 9.0 | 1329 | 6.0 | | | 0.21 | 1.8 | | 8.7 | 8.6 | 91 | | 0.26 | 37 | | 13.39 | 14.03 | 9.55 |
| 9.0 | 1329 | 7.0 | | | 0.21 | 1.8 | | 8.7 | 8.6 | 91 | | 0.25 | 36 | | 13.46 | 14.03 | 9.60 |
| 9.0 | 1329 | 8.0 | | | 0.21 | 1.7 | | 8.7 | 8.6 | 91 | | 0.25 | 35 | | 13.50 | 14.03 | 9.63 |

North San Francisco Bay November 10, 1998 98314

| 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 | 1329 | 9.0 | | | 0.21 | 1.7 | | 8.6 | 8.6 | 91 | | 0.25 | 35 | | 13.63 | 14.03 | 9.73 |
| 9.0 | 1329 | 10.0 | | | 0.21 | 1.7 | | 8.6 | 8.6 | 91 | | 0.25 | 35 | | 13.82 | 14.03 | 9.88 |
| 9.0 | 1329 | 11.0 | | | 0.20 | 1.6 | | 8.6 | 8.5 | 91 | | 0.25 | 36 | | 13.94 | 14.03 | 9.97 |
| 9.0 | 1329 | 12.0 | | | 0.20 | 1.6 | | 8.6 | 8.5 | 91 | | 0.26 | 36 | | 14.08 | 14.02 | 10.08 |
| 9.0 | 1329 | 13.0 | | | 0.20 | 1.5 | | 8.6 | 8.5 | 91 | | 0.26 | 37 | | 14.55 | 14.02 | 10.44 |
| 9.0 | 1329 | 14.0 | | | 0.20 | 1.5 | | 8.5 | 8.5 | 90 | | 0.28 | 39 | | 14.97 | 14.01 | 10.77 |
| 9.0 | 1329 | 15.0 | | | 0.19 | 1.5 | | 8.5 | 8.5 | 90 | | 0.31 | 44 | | 15.33 | 14.00 | 11.04 |
| 9.0 | 1329 | 16.0 | | | 0.20 | 1.5 | | 8.5 | 8.4 | 90 | | 0.32 | 45 | | 16.08 | 14.01 | 11.61 |
| 9.0 | 1329 | 17.0 | | | 0.20 | 1.5 | | 8.4 | 8.4 | 90 | | 0.32 | 45 | | 16.42 | 14.01 | 11.88 |
| 9.0 | 1329 | 18.0 | | | 0.19 | 1.4 | | 8.4 | 8.4 | 90 | | 0.33 | 47 | | 16.64 | 14.00 | 12.05 |
| 9.0 | 1329 | 19.0 | | | 0.19 | 1.4 | | 8.4 | 8.4 | 90 | | 0.33 | 47 | | 16.93 | 13.99 | 12.27 |
| 9.0 | 1329 | 20.0 | | | 0.19 | 1.4 | | 8.4 | 8.3 | 90 | | 0.33 | 47 | | 17.09 | 13.99 | 12.40 |
| 9.0 | 1329 | 21.0 | | | 0.19 | 1.4 | | 8.4 | 8.3 | 90 | | 0.34 | 49 | | 17.23 | 13.99 | 12.50 |
| 9.0 | 1329 | 22.0 | | | 0.19 | 1.4 | | 8.3 | 8.3 | 90 | | 0.35 | 51 | | 17.32 | 13.99 | 12.57 |
| 9.0 | 1329 | 23.0 | | | 0.19 | 1.5 | | 8.3 | 8.3 | 90 | | 0.43 | 62 | | 17.55 | 13.99 | 12.75 |
| 9.0 | 1329 | 24.0 | | | 0.19 | 1.5 | | 8.3 | 8.3 | 90 | | 0.49 | 71 | | 17.74 | 13.99 | 12.90 |
| 9.0 | 1329 | 25.0 | | | 0.19 | 1.5 | | 8.3 | 8.3 | 90 | | 0.48 | 69 | | 17.87 | 13.98 | 13.00 |
| 9.0 | 1329 | 26.0 | | | 0.19 | 1.4 | | 8.3 | 8.3 | 90 | | 0.47 | 68 | | 17.90 | 13.98 | 13.02 |
| 9.0 | 1329 | 27.0 | | | 0.19 | 1.4 | | 8.3 | 8.3 | 90 | | 0.46 | 67 | | 17.91 | 13.98 | 13.03 |
| 9.0 | 1329 | 28.0 | 1.4 | 0.37 | 0.19 | 1.5 | | 8.3 | 8.3 | 90 | | 0.49 | 71 | | 17.92 | 13.98 | 13.04 |
| 10.0 | 1314 | 1.0 | | | 0.20 | 1.6 | | 8.7 | 8.6 | 92 | | 0.21 | 30 | 2.4 | 13.97 | 14.00 | 10.00 |
| 10.0 | 1314 | 2.0 | | | 0.20 | 1.6 | | 8.7 | 8.6 | 92 | | 0.21 | 30 | | 14.00 | 14.00 | 10.02 |
| 10.0 | 1314 | 3.0 | | | 0.20 | 1.5 | | 8.7 | 8.6 | 92 | | 0.22 | 30 | | 14.15 | 14.01 | 10.14 |
| 10.0 | 1314 | 4.0 | | | 0.19 | 1.5 | | 8.7 | 8.6 | 91 | | 0.22 | 31 | | 14.97 | 14.02 | 10.77 |
| 10.0 | 1314 | 5.0 | | | 0.19 | 1.5 | | 8.6 | 8.5 | 91 | | 0.22 | 31 | | 16.31 | 14.01 | 11.80 |
| 10.0 | 1314 | 6.0 | | | 0.19 | 1.4 | | 8.5 | 8.5 | 91 | | 0.23 | 32 | | 16.66 | 14.00 | 12.06 |
| 10.0 | 1314 | 7.0 | | | 0.19 | 1.4 | | 8.5 | 8.4 | 91 | | 0.24 | 34 | | 16.85 | 14.00 | 12.21 |
| 10.0 | 1314 | 8.0 | | | 0.19 | 1.4 | | 8.5 | 8.4 | 91 | | 0.26 | 37 | | 17.04 | 14.00 | 12.36 |
| 10.0 | 1314 | 9.0 | | | 0.19 | 1.4 | | 8.4 | 8.4 | 91 | | 0.27 | 39 | | 17.36 | 13.99 | 12.60 |
| 10.0 | 1314 | 10.0 | | | 0.19 | 1.4 | | 8.4 | 8.4 | 91 | | 0.30 | 43 | | 17.66 | 13.99 | 12.83 |
| 10.0 | 1314 | 11.0 | | | 0.19 | 1.4 | | 8.4 | 8.4 | 91 | | 0.34 | 48 | | 17.98 | 13.98 | 13.08 |
| 10.0 | 1314 | 12.0 | | | 0.19 | 1.4 | | 8.4 | 8.4 | 91 | | 0.34 | 49 | | 18.19 | 13.98 | 13.24 |
| 10.0 | 1314 | 13.0 | | | 0.19 | 1.4 | | 8.4 | 8.3 | 91 | | 0.34 | 48 | | 18.31 | 13.97 | 13.33 |
| 10.0 | 1314 | 14.0 | | | 0.19 | 1.4 | | 8.4 | 8.3 | 91 | | 0.33 | 47 | | 18.55 | 13.97 | 13.52 |
| 10.0 | 1314 | 15.0 | | | 0.19 | 1.4 | | 8.3 | 8.3 | 91 | | 0.32 | 46 | | 18.81 | 13.96 | 13.72 |
| 10.0 | 1314 | 16.0 | | | 0.19 | 1.4 | | 8.3 | 8.3 | 91 | | 0.32 | 46 | | 18.93 | 13.96 | 13.82 |
| 10.0 | 1314 | 17.0 | | | 0.19 | 1.4 | | 8.3 | 8.3 | 91 | | 0.32 | 46 | | 18.97 | 13.96 | 13.85 |
| 10.0 | 1314 | 18.0 | | | 0.18 | 1.4 | | 8.3 | 8.3 | 91 | | 0.31 | 44 | | 19.06 | 13.96 | 13.91 |
| 10.0 | 1314 | 19.0 | | | 0.19 | 1.4 | | 8.3 | 8.3 | 91 | | 0.30 | 43 | | 19.27 | 13.95 | 14.08 |
| 11.0 | 1244 | 1.0 | | | 0.18 | 1.3 | | 8.5 | 8.5 | 91 | | 0.19 | 26 | 2.4 | 16.23 | 13.95 | 11.74 |
| 11.0 | 1244 | 2.0 | | | 0.18 | 1.3 | | 8.5 | 8.4 | 91 | | 0.19 | 27 | | 17.15 | 13.95 | 12.45 |
| 11.0 | 1244 | 3.0 | | | 0.18 | 1.3 | | 8.4 | 8.4 | 91 | | 0.20 | 28 | | 17.80 | 13.94 | 12.95 |

North San Francisco Bay November 10, 1998 98314

| 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 | 1244 | 4.0 | | | 0.18 | 1.3 | | 8.3 | 8.3 | 91 | | 0.20 | 28 | | 18.72 | 13.93 | 13.66 |
| 11.0 | 1244 | 5.0 | | | 0.18 | 1.3 | | 8.3 | 8.3 | 91 | | 0.20 | 28 | | 19.32 | 13.91 | 14.12 |
| 11.0 | 1244 | 6.0 | | | 0.19 | 1.4 | | 8.3 | 8.3 | 90 | | 0.20 | 28 | | 19.55 | 13.91 | 14.30 |
| 11.0 | 1244 | 7.0 | | | 0.19 | 1.4 | | 8.2 | 8.2 | 90 | | 0.21 | 29 | | 20.10 | 13.89 | 14.73 |
| 11.0 | 1244 | 8.0 | | | 0.19 | 1.4 | | 8.2 | 8.2 | 90 | | 0.23 | 32 | | 20.48 | 13.87 | 15.02 |
| 11.0 | 1244 | 9.0 | | | 0.19 | 1.5 | | 8.2 | 8.2 | 90 | | 0.25 | 35 | | 20.76 | 13.85 | 15.24 |
| 11.0 | 1244 | 10.0 | | | 0.19 | 1.5 | | 8.1 | 8.1 | 90 | | 0.25 | 36 | | 21.33 | 13.83 | 15.68 |
| 11.0 | 1244 | 11.0 | | | 0.20 | 1.5 | | 8.0 | 8.1 | 90 | | 0.26 | 36 | | 22.59 | 13.76 | 16.67 |
| 11.0 | 1244 | 12.0 | | | 0.19 | 1.5 | | 8.0 | 8.0 | 90 | | 0.25 | 35 | | 23.08 | 13.73 | 17.05 |
| 11.0 | 1244 | 13.0 | | | 0.19 | 1.5 | | 8.0 | 8.0 | 90 | | 0.24 | 34 | | 23.82 | 13.68 | 17.63 |
| 12.0 | 1221 | 1.0 | | | 0.20 | 1.6 | | 8.5 | 8.5 | 90 | | 0.15 | 20 | 1.8 | 15.44 | 13.86 | 11.15 |
| 12.0 | 1221 | 2.0 | | | 0.19 | 1.5 | | 8.4 | 8.4 | 90 | | 0.15 | 20 | | 17.10 | 13.86 | 12.42 |
| 12.0 | 1221 | 3.0 | | | 0.18 | 1.3 | | 8.2 | 8.2 | 90 | | 0.14 | 20 | | 19.12 | 13.85 | 13.98 |
| 12.0 | 1221 | 4.0 | | | 0.18 | 1.2 | | 8.0 | 8.1 | 89 | | 0.15 | 20 | | 21.07 | 13.82 | 15.49 |
| 12.0 | 1221 | 5.0 | | | 0.18 | 1.3 | | 7.9 | 8.0 | 89 | | 0.16 | 22 | | 22.17 | 13.76 | 16.34 |
| 12.0 | 1221 | 6.0 | | | 0.18 | 1.3 | | 7.8 | 7.9 | 88 | | 0.16 | 22 | | 23.68 | 13.70 | 17.51 |
| 12.0 | 1221 | 7.0 | | | 0.19 | 1.4 | | 7.7 | 7.8 | 88 | | 0.16 | 22 | | 24.32 | 13.64 | 18.02 |
| 12.0 | 1221 | 8.0 | | | 0.19 | 1.4 | | 7.8 | 7.9 | 88 | | 0.20 | 28 | | 24.48 | 13.63 | 18.14 |
| 12.0 | 1221 | 9.0 | | | 0.19 | 1.4 | | 7.8 | 7.9 | 88 | | 0.25 | 36 | | 24.54 | 13.63 | 18.19 |
| 13.0 | 1156 | 1.0 | | | 0.22 | 1.8 | | 7.9 | 8.0 | 89 | | 0.10 | 13 | 1.4 | 23.45 | 13.64 | 17.35 |
| 13.0 | 1156 | 2.0 | 1.7 | 0.73 | 0.21 | 1.7 | 7.9 | 7.9 | 8.0 | 89 | 13.4 | 0.09 | 12 | | 23.45 | 13.65 | 17.35 |
| 13.0 | 1156 | 3.0 | | | 0.21 | 1.7 | | 7.9 | 8.0 | 89 | | 0.10 | 12 | | 23.53 | 13.65 | 17.41 |
| 13.0 | 1156 | 4.0 | | | 0.20 | 1.6 | | 7.9 | 8.0 | 89 | | 0.10 | 12 | | 23.70 | 13.63 | 17.55 |
| 13.0 | 1156 | 5.0 | | | 0.19 | 1.4 | | 7.8 | 7.9 | 89 | | 0.10 | 13 | | 24.10 | 13.61 | 17.85 |
| 13.0 | 1156 | 6.0 | | | 0.18 | 1.4 | | 7.8 | 7.9 | 88 | | 0.10 | 13 | | 24.37 | 13.58 | 18.07 |
| 13.0 | 1156 | 7.0 | | | 0.18 | 1.2 | | 7.8 | 7.9 | 88 | | 0.11 | 14 | | 24.77 | 13.54 | 18.39 |
| 13.0 | 1156 | 8.0 | | | 0.17 | 1.1 | | 7.8 | 7.9 | 88 | | 0.10 | 13 | | 25.20 | 13.52 | 18.73 |
| 13.0 | 1156 | 9.0 | 1.2 | 0.60 | 0.17 | 1.1 | | 7.7 | 7.9 | 89 | | 0.09 | 12 | | 25.67 | 13.53 | 19.08 |
| 14.0 | 1138 | 3.0 | | | 0.19 | 1.4 | | 8.0 | 8.0 | 90 | | 0.11 | 15 | | 24.57 | 13.54 | 18.23 |
| 14.0 | 1138 | 4.0 | | | 0.19 | 1.4 | | 8.0 | 8.0 | 90 | | 0.11 | 15 | | 24.57 | 13.53 | 18.23 |
| 14.0 | 1138 | 5.0 | | | 0.18 | 1.4 | | 7.9 | 8.0 | 90 | | 0.11 | 14 | | 24.73 | 13.52 | 18.35 |
| 14.0 | 1138 | 6.0 | | | 0.18 | 1.2 | | 7.8 | 7.9 | 89 | | 0.10 | 14 | | 25.32 | 13.51 | 18.81 |
| 14.0 | 1138 | 7.0 | | | 0.17 | 1.1 | | 7.8 | 7.9 | 89 | | 0.10 | 13 | | 25.62 | 13.50 | 19.05 |
| 14.0 | 1138 | 8.0 | | | 0.17 | 1.2 | | 7.8 | 7.9 | 89 | | 0.10 | 13 | | 25.80 | 13.45 | 19.19 |
| 14.0 | 1138 | 9.0 | | | 0.18 | 1.3 | | 7.7 | 7.8 | 89 | | 0.10 | 13 | | 26.14 | 13.41 | 19.46 |
| 14.0 | 1138 | 10.0 | | | 0.19 | 1.4 | | 7.7 | 7.8 | 88 | | 0.10 | 13 | | 26.46 | 13.37 | 19.72 |
| 14.0 | 1138 | 11.0 | | | 0.19 | 1.5 | | 7.7 | 7.8 | 89 | | 0.12 | 15 | | 26.71 | 13.34 | 19.92 |
| 14.0 | 1138 | 12.0 | | | 0.19 | 1.4 | | 7.7 | 7.8 | 89 | | 0.11 | 15 | | 26.79 | 13.33 | 19.98 |

North San Francisco Bay November 10, 1998 98314

| 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 | 1117 | 1.0 | | | 0.37 | 4.1 | | 8.3 | 8.3 | 92 | | 0.12 | 15 | 1.5 | 23.10 | 13.36 | 17.13 |
| 15.0 | 1117 | 2.0 | 3.9 | 0.81 | 0.33 | 3.5 | 8.4 | 8.2 | 8.2 | 91 | 15.9 | 0.11 | 14 | | 24.03 | 13.41 | 17.84 |
| 15.0 | 1117 | 3.0 | | | 0.29 | 2.9 | | 8.1 | 8.1 | 91 | | 0.10 | 13 | | 24.36 | 13.41 | 18.09 |
| 15.0 | 1117 | 4.0 | | | 0.26 | 2.4 | | 8.0 | 8.1 | 90 | | 0.09 | 12 | | 24.73 | 13.43 | 18.37 |
| 15.0 | 1117 | 5.0 | | | 0.24 | 2.1 | | 8.0 | 8.0 | 90 | | 0.09 | 11 | | 24.87 | 13.43 | 18.49 |
| 15.0 | 1117 | 6.0 | | | 0.23 | 2.0 | | 8.0 | 8.0 | 90 | | 0.09 | 11 | | 25.03 | 13.42 | 18.61 |
| 15.0 | 1117 | 7.0 | | | 0.23 | 2.0 | | 7.9 | 8.0 | 90 | | 0.09 | 11 | | 25.13 | 13.42 | 18.68 |
| 15.0 | 1117 | 8.0 | | | 0.23 | 2.0 | | 7.9 | 7.9 | 89 | | 0.09 | 11 | | 25.43 | 13.39 | 18.93 |
| 15.0 | 1117 | 9.0 | | | 0.22 | 1.8 | | 7.8 | 7.9 | 89 | | 0.08 | 11 | | 26.10 | 13.37 | 19.44 |
| 15.0 | 1117 | 10.0 | | | 0.20 | 1.6 | | 7.7 | 7.8 | 89 | | 0.09 | 11 | | 26.34 | 13.38 | 19.62 |
| 15.0 | 1117 | 11.0 | | | 0.20 | 1.5 | | 7.6 | 7.8 | 88 | | 0.09 | 11 | | 26.50 | 13.36 | 19.75 |
| 15.0 | 1117 | 12.0 | | | 0.19 | 1.4 | | 7.6 | 7.7 | 87 | | 0.09 | 11 | | 27.15 | 13.27 | 20.27 |
| 15.0 | 1117 | 13.0 | | | 0.19 | 1.4 | | 7.5 | 7.7 | 87 | | 0.09 | 12 | | 27.49 | 13.23 | 20.54 |
| 15.0 | 1117 | 14.0 | | | 0.19 | 1.4 | | 7.5 | 7.7 | 87 | | 0.09 | 11 | | 27.67 | 13.21 | 20.68 |
| 15.0 | 1117 | 15.0 | | | 0.19 | 1.4 | | 7.5 | 7.7 | 87 | | 0.10 | 12 | | 27.71 | 13.21 | 20.71 |
| 15.0 | 1117 | 16.0 | | | 0.19 | 1.4 | | 7.5 | 7.6 | 87 | | 0.11 | 14 | | 27.80 | 13.20 | 20.79 |
| 15.0 | 1117 | 17.0 | | | 0.19 | 1.4 | | 7.5 | 7.6 | 87 | | 0.13 | 18 | | 27.94 | 13.19 | 20.90 |
| 15.0 | 1117 | 18.0 | | | 0.19 | 1.4 | | 7.5 | 7.6 | 87 | | 0.16 | 21 | | 28.04 | 13.18 | 20.98 |
| 15.0 | 1117 | 19.0 | | | 0.19 | 1.4 | | 7.5 | 7.6 | 87 | | 0.17 | 23 | | 28.08 | 13.18 | 21.01 |
| 15.0 | 1117 | 20.0 | | | 0.19 | 1.4 | | 7.4 | 7.6 | 87 | | 0.17 | 23 | | 28.13 | 13.17 | 21.05 |
| 15.0 | 1117 | 21.0 | | | 0.19 | 1.4 | | 7.4 | 7.6 | 87 | | 0.16 | 22 | | 28.22 | 13.17 | 21.11 |
| 15.0 | 1117 | 22.0 | | | 0.18 | 1.3 | | 7.4 | 7.6 | 87 | | 0.15 | 20 | | 28.25 | 13.16 | 21.14 |
| 15.0 | 1117 | 23.0 | | | 0.18 | 1.3 | | 7.4 | 7.6 | 87 | | 0.14 | 19 | | 28.27 | 13.16 | 21.15 |
| 15.0 | 1117 | 24.0 | 1.3 | 0.48 | 0.18 | 1.3 | | 7.4 | 7.6 | 87 | | 0.15 | 20 | | 28.27 | 13.16 | 21.15 |
| 16.0 | 1048 | 1.0 | | | 0.19 | 1.5 | | 7.5 | 7.7 | 87 | | 0.09 | 11 | 1.1 | 26.97 | 13.27 | 20.13 |
| 16.0 | 1048 | 2.0 | | | 0.19 | 1.4 | | 7.5 | 7.6 | 87 | | 0.09 | 11 | | 27.38 | 13.24 | 20.45 |
| 16.0 | 1048 | 3.0 | | | 0.18 | 1.3 | | 7.4 | 7.6 | 86 | | 0.08 | 10 | | 27.56 | 13.23 | 20.59 |
| 16.0 | 1048 | 4.0 | | | 0.18 | 1.2 | | 7.3 | 7.5 | 85 | | 0.08 | 9 | | 27.98 | 13.19 | 20.93 |
| 16.0 | 1048 | 5.0 | | | 0.17 | 1.2 | | 7.3 | 7.5 | 86 | | 0.08 | 10 | | 28.80 | 13.08 | 21.58 |
| 16.0 | 1048 | 6.0 | | | 0.17 | 1.1 | | 7.3 | 7.5 | 85 | | 0.08 | 9 | | 28.86 | 13.07 | 21.63 |
| 16.0 | 1048 | 7.0 | | | 0.17 | 1.1 | | 7.3 | 7.5 | 85 | | 0.08 | 9 | | 28.91 | 13.06 | 21.67 |
| 16.0 | 1048 | 8.0 | | | 0.17 | 1.1 | | 7.2 | 7.4 | 85 | | 0.08 | 10 | | 29.08 | 13.04 | 21.81 |
| 16.0 | 1048 | 9.0 | | | 0.17 | 1.2 | | 7.2 | 7.4 | 85 | | 0.08 | 10 | | 29.29 | 13.01 | 21.97 |
| 16.0 | 1048 | 10.0 | | | 0.18 | 1.2 | | 7.2 | 7.4 | 85 | | 0.08 | 10 | | 29.43 | 12.99 | 22.09 |
| 16.0 | 1048 | 11.0 | | | 0.18 | 1.3 | | 7.2 | 7.4 | 85 | | 0.08 | 11 | | 29.46 | 12.99 | 22.11 |
| 16.0 | 1048 | 12.0 | | | 0.19 | 1.4 | | 7.2 | 7.4 | 85 | | 0.09 | 11 | | 29.51 | 12.98 | 22.15 |
| 16.0 | 1048 | 13.0 | | | 0.19 | 1.4 | | 7.2 | 7.4 | 85 | | 0.09 | 11 | | 29.53 | 12.98 | 22.17 |
| 16.0 | 1048 | 14.0 | | | 0.19 | 1.4 | | 7.2 | 7.4 | 85 | | 0.09 | 11 | | 29.60 | 12.96 | 22.22 |
| 17.0 | 1027 | 1.0 | | | 0.23 | 2.1 | | 7.5 | 7.7 | 87 | | 0.06 | 7 | 1.0 | 28.08 | 13.15 | 21.01 |
| 17.0 | 1027 | 2.0 | | | 0.23 | 2.0 | | 7.5 | 7.7 | 87 | | 0.06 | 7 | | 28.14 | 13.15 | 21.06 |
| 17.0 | 1027 | 3.0 | | | 0.22 | 1.9 | | 7.5 | 7.6 | 87 | | 0.06 | 7 | | 28.24 | 13.15 | 21.14 |

North San Francisco Bay November 10, 1998 98314

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 17.0 | 1027 | 4.0 | | | 0.21 | 1.7 | | 7.3 | 7.5 | 86 | | 0.06 | 7 | | 28.89 | 13.09 | 21.65 |
| 17.0 | 1027 | 5.0 | | | 0.19 | 1.5 | | 7.2 | 7.4 | 85 | | 0.06 | 7 | | 29.57 | 12.92 | 22.21 |
| 17.0 | 1027 | 6.0 | | | 0.18 | 1.3 | | 7.2 | 7.4 | 85 | | 0.05 | 6 | | 29.82 | 12.83 | 22.42 |
| 17.0 | 1027 | 7.0 | | | 0.18 | 1.3 | | 7.2 | 7.4 | 85 | | 0.05 | 6 | | 29.94 | 12.81 | 22.51 |
| 17.0 | 1027 | 8.0 | | | 0.18 | 1.3 | | 7.1 | 7.4 | 84 | | 0.05 | 5 | | 30.25 | 12.78 | 22.76 |
| 17.0 | 1027 | 9.0 | | | 0.18 | 1.2 | | 7.1 | 7.3 | 84 | | 0.06 | 6 | | 30.62 | 12.74 | 23.05 |
| 17.0 | 1027 | 10.0 | | | 0.18 | 1.3 | | 7.1 | 7.3 | 84 | | 0.07 | 9 | | 30.71 | 12.73 | 23.13 |
| 17.0 | 1027 | 11.0 | | | 0.18 | 1.3 | | 7.1 | 7.3 | 84 | | 0.08 | 10 | | 30.72 | 12.73 | 23.13 |
| 17.0 | 1027 | 12.0 | | | 0.19 | 1.4 | | 7.1 | 7.3 | 84 | | 0.08 | 10 | | 30.72 | 12.73 | 23.13 |
| 17.0 | 1027 | 13.0 | | | 0.19 | 1.4 | | 7.1 | 7.3 | 84 | | 0.08 | 10 | | 30.72 | 12.73 | 23.13 |
| 18.0 | 1004 | 1.0 | | | 0.21 | 1.7 | | 7.3 | 7.5 | 85 | | 0.05 | 5 | 0.8 | 29.15 | 13.10 | 21.85 |
| 18.0 | 1004 | 2.0 | 1.8 | 0.60 | 0.21 | 1.7 | 7.4 | 7.3 | 7.5 | 86 | 6.0 | 0.05 | 5 | | 29.20 | 13.09 | 21.89 |
| 18.0 | 1004 | 3.0 | | | 0.21 | 1.7 | | 7.3 | 7.5 | 85 | | 0.05 | 5 | | 29.27 | 13.07 | 21.95 |
| 18.0 | 1004 | 4.0 | | | 0.21 | 1.7 | | 7.3 | 7.5 | 85 | | 0.05 | 5 | | 29.31 | 13.07 | 21.98 |
| 18.0 | 1004 | 5.0 | | | 0.21 | 1.7 | | 7.2 | 7.4 | 85 | | 0.05 | 5 | | 29.36 | 13.05 | 22.02 |
| 18.0 | 1004 | 6.0 | | | 0.20 | 1.6 | | 7.2 | 7.4 | 85 | | 0.05 | 5 | | 29.56 | 13.00 | 22.19 |
| 18.0 | 1004 | 7.0 | | | 0.20 | 1.5 | | 7.2 | 7.4 | 85 | | 0.05 | 5 | | 29.61 | 12.99 | 22.22 |
| 18.0 | 1004 | 8.0 | | | 0.19 | 1.5 | | 7.2 | 7.4 | 85 | | 0.05 | 6 | | 29.62 | 12.98 | 22.23 |
| 18.0 | 1004 | 9.0 | | | 0.21 | 1.7 | | 7.2 | 7.4 | 85 | | 0.05 | 6 | | 29.67 | 12.97 | 22.27 |
| 18.0 | 1004 | 10.0 | | | 0.21 | 1.7 | | 7.2 | 7.4 | 85 | | 0.05 | 5 | | 29.72 | 12.95 | 22.32 |
| 18.0 | 1004 | 11.0 | | | 0.20 | 1.6 | | 7.2 | 7.4 | 85 | | 0.05 | 6 | | 29.79 | 12.93 | 22.38 |
| 18.0 | 1004 | 12.0 | | | 0.21 | 1.7 | | 7.2 | 7.4 | 85 | | 0.05 | 6 | | 29.85 | 12.91 | 22.42 |
| 18.0 | 1004 | 13.0 | | | 0.21 | 1.7 | | 7.2 | 7.4 | 85 | | 0.05 | 6 | | 29.90 | 12.90 | 22.47 |
| 18.0 | 1004 | 14.0 | | | 0.21 | 1.7 | | 7.2 | 7.4 | 85 | | 0.05 | 6 | | 30.02 | 12.86 | 22.57 |
| 18.0 | 1004 | 15.0 | | | 0.21 | 1.7 | | 7.2 | 7.4 | 84 | | 0.05 | 6 | | 30.10 | 12.84 | 22.63 |
| 18.0 | 1004 | 16.0 | | | 0.22 | 1.8 | | 7.1 | 7.4 | 84 | | 0.06 | 7 | | 30.30 | 12.79 | 22.79 |
| 18.0 | 1004 | 17.0 | | | 0.22 | 1.9 | | 7.1 | 7.4 | 84 | | 0.06 | 7 | | 30.42 | 12.76 | 22.89 |
| 18.0 | 1004 | 18.0 | | | 0.22 | 1.9 | | 7.1 | 7.4 | 84 | | 0.07 | 8 | | 30.48 | 12.74 | 22.95 |
| 18.0 | 1004 | 19.0 | | | 0.23 | 2.0 | | 7.1 | 7.4 | 84 | | 0.07 | 8 | | 30.50 | 12.74 | 22.96 |
| 18.0 | 1004 | 20.0 | | | 0.23 | 2.1 | | 7.1 | 7.4 | 84 | | 0.07 | 8 | | 30.47 | 12.75 | 22.94 |
| 18.0 | 1004 | 21.0 | | | 0.23 | 2.0 | | 7.2 | 7.4 | 84 | | 0.07 | 8 | | 30.47 | 12.75 | 22.93 |
| 18.0 | 1004 | 22.0 | | | 0.22 | 1.9 | | 7.2 | 7.4 | 84 | | 0.07 | 8 | | 30.47 | 12.75 | 22.94 |
| 18.0 | 1004 | 23.0 | | | 0.22 | 1.9 | | 7.2 | 7.4 | 84 | | 0.07 | 8 | | 30.47 | 12.75 | 22.94 |
| 18.0 | 1004 | 24.0 | | | 0.23 | 2.1 | | 7.2 | 7.4 | 85 | | 0.07 | 8 | | 30.47 | 12.74 | 22.93 |
| 18.0 | 1004 | 25.0 | | | 0.24 | 2.2 | | 7.2 | 7.4 | 84 | | 0.07 | 8 | | 30.47 | 12.74 | 22.94 |
| 18.0 | 1004 | 26.0 | | | 0.24 | 2.2 | | 7.2 | 7.4 | 85 | | 0.07 | 9 | | 30.48 | 12.74 | 22.94 |
| 18.0 | 1004 | 27.0 | | | 0.27 | 2.5 | | 7.2 | 7.4 | 85 | | 0.07 | 9 | | 30.49 | 12.73 | 22.95 |
| 18.0 | 1004 | 28.0 | 2.3 | 0.69 | 0.27 | 2.6 | | 7.1 | 7.4 | 84 | | 0.08 | 10 | | 30.54 | 12.72 | 23.00 |
| 20.0 | 0949 | 1.0 | | | 0.22 | 1.8 | | 7.4 | 7.6 | 87 | | 0.05 | 5 | 0.8 | 28.92 | 13.29 | 21.64 |
| 20.0 | 0949 | 2.0 | | | 0.21 | 1.7 | | 7.4 | 7.6 | 87 | | 0.05 | 6 | | 28.96 | 13.27 | 21.67 |
| 20.0 | 0949 | 3.0 | | | 0.19 | 1.5 | | 7.4 | 7.6 | 87 | | 0.05 | 6 | | 29.06 | 13.23 | 21.75 |

North San Francisco Bay November 10, 1998 98314

| 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 | 0949 | 4.0 | | | 0.19 | 1.4 | | 7.4 | 7.6 | 87 | | 0.05 | 6 | | 29.07 | 13.22 | 21.76 |
| 20.0 | 0949 | 5.0 | | | 0.20 | 1.5 | | 7.4 | 7.6 | 87 | | 0.05 | 6 | | 29.08 | 13.22 | 21.77 |
| 20.0 | 0949 | 6.0 | | | 0.20 | 1.6 | | 7.4 | 7.6 | 86 | | 0.06 | 6 | | 29.14 | 13.19 | 21.82 |
| 20.0 | 0949 | 7.0 | | | 0.19 | 1.4 | | 7.4 | 7.5 | 86 | | 0.06 | 7 | | 29.20 | 13.16 | 21.87 |
| 20.0 | 0949 | 8.0 | | | 0.18 | 1.4 | | 7.3 | 7.5 | 86 | | 0.06 | 7 | | 29.27 | 13.14 | 21.93 |
| 20.0 | 0949 | 9.0 | | | 0.19 | 1.4 | | 7.3 | 7.5 | 86 | | 0.06 | 7 | | 29.53 | 13.06 | 22.15 |
| 20.0 | 0949 | 10.0 | | | 0.18 | 1.3 | | 7.3 | 7.5 | 86 | | 0.06 | 7 | | 29.79 | 13.01 | 22.36 |
| 20.0 | 0949 | 11.0 | | | 0.18 | 1.3 | | 7.3 | 7.5 | 85 | | 0.06 | 7 | | 29.90 | 12.98 | 22.45 |
| 20.0 | 0949 | 12.0 | | | 0.19 | 1.4 | | 7.2 | 7.4 | 85 | | 0.06 | 7 | | 30.03 | 12.95 | 22.56 |
| 20.0 | 0949 | 13.0 | | | 0.20 | 1.6 | | 7.2 | 7.4 | 85 | | 0.06 | 8 | | 30.34 | 12.86 | 22.81 |
| 20.0 | 0949 | 14.0 | | | 0.21 | 1.7 | | 7.2 | 7.4 | 85 | | 0.07 | 8 | | 30.37 | 12.85 | 22.84 |
| 20.0 | 0949 | 15.0 | | | 0.20 | 1.6 | | 7.2 | 7.4 | 85 | | 0.07 | 9 | | 30.42 | 12.84 | 22.88 |
| 20.0 | 0949 | 16.0 | | | 0.20 | 1.6 | | 7.2 | 7.4 | 85 | | 0.08 | 10 | | 30.49 | 12.82 | 22.94 |
| 20.0 | 0949 | 17.0 | | | 0.20 | 1.6 | | 7.2 | 7.4 | 85 | | 0.08 | 11 | | 30.57 | 12.80 | 23.00 |
| 20.0 | 0949 | 18.0 | | | 0.21 | 1.7 | | 7.2 | 7.4 | 85 | | 0.09 | 11 | | 30.60 | 12.79 | 23.02 |
| 20.0 | 0949 | 19.0 | | | 0.21 | 1.8 | | 7.2 | 7.4 | 85 | | 0.09 | 11 | | 30.65 | 12.77 | 23.07 |
| 20.0 | 0949 | 20.0 | | | 0.22 | 1.8 | | 7.2 | 7.4 | 85 | | 0.09 | 11 | | 30.65 | 12.78 | 23.07 |
| 20.0 | 0949 | 21.0 | | | 0.22 | 1.9 | | 7.2 | 7.4 | 85 | | 0.09 | 11 | | 30.63 | 12.78 | 23.05 |
| 20.0 | 0949 | 22.0 | | | 0.21 | 1.7 | | 7.2 | 7.4 | 85 | | 0.09 | 11 | | 30.64 | 12.78 | 23.06 |
| 20.0 | 0949 | 23.0 | | | 0.21 | 1.7 | | 7.2 | 7.4 | 85 | | 0.09 | 12 | | 30.70 | 12.76 | 23.11 |
| 20.0 | 0949 | 24.0 | | | 0.21 | 1.7 | | 7.2 | 7.4 | 85 | | 0.11 | 14 | | 30.74 | 12.74 | 23.15 |

| | n | r^2 | Slope | Inter. | Std. Err. |
|---|---|---|---|---|---|
| Fluorometer Calibration: | 16 | 0.843 | 14.479 | -1.317 | 0.346 |
| OBS Calibration: | 8 | 0.956 | 148.902 | -1.988 | 2.635 |
| Dissolved Oxygen Calibration: | 8 | 0.988 | 0.795 | 1.694 | 0.087 |

SeaBird v4.026

South San Francisco Bay November 10, 1998 98314

| 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 | 0621 | 1.0 | | | 0.36 | 3.2 | | 7.6 | 7.5 | 85 | | 0.41 | 62 | | 24.28 | 14.16 | 17.89 |
| 36.0 | 0621 | 2.0 | 3.2 | 0.55 | 0.37 | 3.3 | 7.4 | 7.6 | 7.5 | 85 | 63.6 | 0.41 | 63 | | 24.26 | 14.16 | 17.88 |
| 36.0 | 0621 | 3.0 | | | 0.37 | 3.3 | | 7.7 | 7.5 | 86 | | 0.41 | 62 | | 24.51 | 14.24 | 18.06 |
| 36.0 | 0621 | 4.0 | | | 0.37 | 3.3 | | 7.6 | 7.5 | 86 | | 0.41 | 63 | | 24.64 | 14.29 | 18.14 |
| 36.0 | 0621 | 5.0 | | | 0.37 | 3.3 | | 7.6 | 7.5 | 86 | | 0.42 | 64 | | 24.66 | 14.29 | 18.15 |
| 36.0 | 0621 | 6.0 | | | 0.38 | 3.4 | | 7.6 | 7.5 | 86 | | 0.45 | 68 | | 24.70 | 14.29 | 18.19 |
| 36.0 | 0621 | 7.0 | 3.6 | 0.51 | 0.38 | 3.4 | | 7.6 | 7.5 | 86 | | 0.47 | 72 | | 24.73 | 14.29 | 18.21 |
| 34.0 | 0639 | 3.0 | | | 0.31 | 2.8 | | 7.9 | 7.6 | 87 | | 0.25 | 38 | | 25.40 | 14.41 | 18.70 |
| 34.0 | 0639 | 4.0 | | | 0.32 | 2.8 | | 7.8 | 7.6 | 87 | | 0.28 | 43 | | 25.49 | 14.50 | 18.76 |
| 34.0 | 0639 | 5.0 | | | 0.32 | 2.8 | | 7.8 | 7.6 | 87 | | 0.39 | 59 | | 25.54 | 14.50 | 18.80 |
| 34.0 | 0639 | 6.0 | | | 0.32 | 2.9 | | 7.8 | 7.6 | 87 | | 0.45 | 69 | | 25.57 | 14.50 | 18.82 |
| 34.0 | 0639 | 7.0 | | | 0.32 | 2.9 | | 7.8 | 7.6 | 87 | | 0.49 | 74 | | 25.59 | 14.51 | 18.83 |
| 32.0 | 0659 | 1.0 | | | 0.25 | 2.2 | | 7.9 | 7.6 | 87 | | 0.18 | 27 | | 25.72 | 14.36 | 18.96 |
| 32.0 | 0659 | 2.0 | 2.1 | 0.59 | 0.25 | 2.2 | 7.6 | 7.9 | 7.6 | 87 | 24.4 | 0.18 | 27 | | 25.81 | 14.40 | 19.02 |
| 32.0 | 0659 | 3.0 | | | 0.25 | 2.1 | | 7.9 | 7.6 | 88 | | 0.18 | 27 | | 25.91 | 14.45 | 19.09 |
| 32.0 | 0659 | 4.0 | | | 0.24 | 2.1 | | 7.9 | 7.6 | 88 | | 0.19 | 28 | | 26.05 | 14.50 | 19.18 |
| 32.0 | 0659 | 5.0 | | | 0.25 | 2.1 | | 7.9 | 7.6 | 88 | | 0.19 | 28 | | 26.14 | 14.54 | 19.25 |
| 32.0 | 0659 | 6.0 | | | 0.25 | 2.2 | | 7.9 | 7.6 | 88 | | 0.19 | 29 | | 26.19 | 14.56 | 19.28 |
| 32.0 | 0659 | 7.0 | | | 0.25 | 2.2 | | 7.9 | 7.6 | 88 | | 0.20 | 30 | | 26.26 | 14.59 | 19.33 |
| 32.0 | 0659 | 8.0 | | | 0.26 | 2.3 | | 7.9 | 7.6 | 88 | | 0.22 | 33 | | 26.34 | 14.62 | 19.38 |
| 32.0 | 0659 | 9.0 | | | 0.26 | 2.3 | | 7.9 | 7.6 | 88 | | 0.25 | 37 | | 26.34 | 14.62 | 19.39 |
| 32.0 | 0659 | 10.0 | | | 0.27 | 2.3 | | 7.9 | 7.6 | 88 | | 0.30 | 45 | | 26.34 | 14.62 | 19.39 |
| 32.0 | 0659 | 11.0 | | | 0.27 | 2.4 | | 7.9 | 7.6 | 88 | | 0.35 | 53 | | 26.35 | 14.63 | 19.39 |
| 32.0 | 0659 | 12.0 | | | 0.28 | 2.4 | | 7.9 | 7.6 | 88 | | 0.35 | 53 | | 26.35 | 14.63 | 19.39 |
| 32.0 | 0659 | 13.0 | 2.3 | 0.44 | 0.28 | 2.4 | | 7.9 | 7.6 | 88 | | 0.35 | 54 | | 26.35 | 14.63 | 19.39 |
| 30.0 | 0728 | 1.0 | | | 0.22 | 1.8 | | 7.9 | 7.6 | 88 | | 0.12 | 18 | 1.7 | 26.67 | 14.60 | 19.65 |
| 30.0 | 0728 | 2.0 | 1.6 | 0.54 | 0.22 | 1.9 | 7.6 | 7.9 | 7.6 | 88 | 17.4 | 0.12 | 18 | | 26.67 | 14.59 | 19.64 |
| 30.0 | 0728 | 3.0 | | | 0.22 | 1.9 | | 7.9 | 7.6 | 88 | | 0.13 | 18 | | 26.67 | 14.60 | 19.64 |
| 30.0 | 0728 | 4.0 | | | 0.22 | 1.9 | | 7.9 | 7.6 | 88 | | 0.13 | 19 | | 26.67 | 14.60 | 19.65 |
| 30.0 | 0728 | 5.0 | | | 0.22 | 1.9 | | 7.9 | 7.6 | 88 | | 0.13 | 19 | | 26.68 | 14.60 | 19.65 |
| 30.0 | 0728 | 6.0 | | | 0.22 | 1.9 | | 7.9 | 7.6 | 88 | | 0.13 | 19 | | 26.70 | 14.61 | 19.66 |
| 30.0 | 0728 | 7.0 | | | 0.23 | 2.0 | | 7.9 | 7.6 | 89 | | 0.14 | 20 | | 26.71 | 14.61 | 19.67 |
| 30.0 | 0728 | 8.0 | | | 0.23 | 2.0 | | 7.9 | 7.6 | 88 | | 0.14 | 20 | | 26.73 | 14.63 | 19.68 |
| 30.0 | 0728 | 9.0 | | | 0.24 | 2.1 | | 7.9 | 7.6 | 89 | | 0.14 | 21 | | 26.77 | 14.65 | 19.71 |
| 30.0 | 0728 | 10.0 | | | 0.24 | 2.0 | | 7.9 | 7.6 | 89 | | 0.16 | 24 | | 26.81 | 14.68 | 19.73 |
| 30.0 | 0728 | 11.0 | | | 0.24 | 2.1 | | 7.9 | 7.6 | 89 | | 0.19 | 28 | | 26.82 | 14.69 | 19.74 |
| 30.0 | 0728 | 12.0 | | | 0.24 | 2.1 | | 7.9 | 7.6 | 89 | | 0.19 | 28 | | 26.83 | 14.70 | 19.75 |
| 30.0 | 0728 | 13.0 | | | 0.24 | 2.0 | | 7.9 | 7.6 | 89 | | 0.20 | 31 | | 26.84 | 14.70 | 19.75 |
| 30.0 | 0728 | 14.0 | 1.8 | 0.44 | 0.23 | 2.0 | | 7.9 | 7.6 | 89 | | 0.24 | 36 | | 26.84 | 14.70 | 19.75 |

South San Francisco Bay November 10, 1998 98314

| 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 | 0749 | 1.0 | | | 0.23 | 2.0 | | 7.9 | 7.6 | 89 | | 0.13 | 19 | 1.5 | 27.11 | 14.61 | 19.98 |
| 29.0 | 0749 | 2.0 | | | 0.23 | 2.0 | | 8.0 | 7.6 | 89 | | 0.14 | 20 | | 27.12 | 14.62 | 19.98 |
| 29.0 | 0749 | 3.0 | | | 0.23 | 2.0 | | 8.0 | 7.6 | 89 | | 0.14 | 20 | | 27.12 | 14.62 | 19.99 |
| 29.0 | 0749 | 4.0 | | | 0.23 | 2.0 | | 8.0 | 7.6 | 89 | | 0.14 | 21 | | 27.13 | 14.62 | 19.99 |
| 29.0 | 0749 | 5.0 | | | 0.23 | 2.0 | | 8.0 | 7.6 | 89 | | 0.14 | 21 | | 27.15 | 14.63 | 20.00 |
| 29.0 | 0749 | 6.0 | | | 0.23 | 2.0 | | 8.0 | 7.6 | 89 | | 0.15 | 22 | | 27.15 | 14.63 | 20.00 |
| 29.0 | 0749 | 7.0 | | | 0.24 | 2.0 | | 8.0 | 7.6 | 89 | | 0.15 | 23 | | 27.15 | 14.63 | 20.01 |
| 29.0 | 0749 | 8.0 | | | 0.24 | 2.1 | | 8.0 | 7.6 | 89 | | 0.16 | 23 | | 27.16 | 14.63 | 20.01 |
| 29.0 | 0749 | 9.0 | | | 0.24 | 2.0 | | 8.0 | 7.6 | 89 | | 0.15 | 22 | | 27.19 | 14.64 | 20.03 |
| 29.0 | 0749 | 10.0 | | | 0.24 | 2.0 | | 8.0 | 7.6 | 89 | | 0.15 | 22 | | 27.19 | 14.64 | 20.04 |
| 29.0 | 0749 | 11.0 | | | 0.24 | 2.1 | | 8.0 | 7.6 | 89 | | 0.15 | 22 | | 27.19 | 14.64 | 20.04 |
| 29.0 | 0749 | 12.0 | | | 0.24 | 2.1 | | 7.9 | 7.6 | 89 | | 0.15 | 22 | | 27.20 | 14.64 | 20.04 |
| 29.0 | 0749 | 13.0 | | | 0.24 | 2.1 | | 7.9 | 7.6 | 89 | | 0.15 | 22 | | 27.20 | 14.64 | 20.04 |
| 29.0 | 0749 | 14.0 | | | 0.24 | 2.0 | | 7.9 | 7.6 | 89 | | 0.15 | 23 | | 27.20 | 14.64 | 20.04 |
| 29.0 | 0749 | 15.0 | | | 0.24 | 2.0 | | 8.0 | 7.6 | 89 | | 0.16 | 23 | | 27.20 | 14.64 | 20.04 |
| 29.0 | 0749 | 16.0 | | | 0.24 | 2.1 | | 8.0 | 7.6 | 89 | | 0.16 | 24 | | 27.20 | 14.64 | 20.04 |
| 27.0 | 0812 | 1.0 | | | 0.22 | 1.9 | | 7.9 | 7.6 | 88 | | 0.10 | 14 | 1.4 | 27.24 | 14.39 | 20.12 |
| 27.0 | 0812 | 2.0 | 1.8 | 0.63 | 0.22 | 1.9 | 7.7 | 7.9 | 7.6 | 88 | 14.4 | 0.10 | 14 | | 27.30 | 14.42 | 20.17 |
| 27.0 | 0812 | 3.0 | | | 0.21 | 1.8 | | 7.9 | 7.6 | 88 | | 0.10 | 15 | | 27.32 | 14.42 | 20.18 |
| 27.0 | 0812 | 4.0 | | | 0.21 | 1.8 | | 7.9 | 7.6 | 88 | | 0.10 | 15 | | 27.35 | 14.43 | 20.20 |
| 27.0 | 0812 | 5.0 | | | 0.21 | 1.8 | | 7.9 | 7.6 | 88 | | 0.10 | 15 | | 27.39 | 14.44 | 20.23 |
| 27.0 | 0812 | 6.0 | | | 0.21 | 1.8 | | 7.9 | 7.6 | 88 | | 0.10 | 15 | | 27.47 | 14.44 | 20.29 |
| 27.0 | 0812 | 7.0 | | | 0.22 | 1.8 | | 7.9 | 7.6 | 88 | | 0.10 | 15 | | 27.55 | 14.43 | 20.35 |
| 27.0 | 0812 | 8.0 | | | 0.22 | 1.9 | | 7.9 | 7.6 | 88 | | 0.11 | 15 | | 27.58 | 14.43 | 20.38 |
| 27.0 | 0812 | 9.0 | | | 0.23 | 2.0 | | 7.9 | 7.6 | 88 | | 0.11 | 16 | | 27.60 | 14.44 | 20.39 |
| 27.0 | 0812 | 10.0 | | | 0.23 | 2.0 | | 7.9 | 7.6 | 88 | | 0.11 | 17 | | 27.63 | 14.46 | 20.41 |
| 27.0 | 0812 | 11.0 | | | 0.24 | 2.1 | | 7.9 | 7.6 | 89 | | 0.12 | 17 | | 27.66 | 14.48 | 20.43 |
| 27.0 | 0812 | 12.0 | 2.2 | 0.58 | 0.24 | 2.1 | | 7.9 | 7.6 | 89 | | 0.12 | 17 | | 27.69 | 14.50 | 20.45 |
| 25.0 | 0838 | 1.0 | | | 0.25 | 2.1 | | 7.7 | 7.6 | 88 | | 0.07 | 10 | 1.0 | 28.01 | 14.29 | 20.74 |
| 25.0 | 0838 | 2.0 | | | 0.24 | 2.1 | | 7.7 | 7.5 | 88 | | 0.07 | 10 | | 28.01 | 14.28 | 20.74 |
| 25.0 | 0838 | 3.0 | | | 0.23 | 2.0 | | 7.7 | 7.5 | 88 | | 0.07 | 10 | | 28.03 | 14.29 | 20.75 |
| 25.0 | 0838 | 4.0 | | | 0.23 | 2.0 | | 7.7 | 7.5 | 88 | | 0.07 | 10 | | 28.08 | 14.28 | 20.79 |
| 25.0 | 0838 | 5.0 | | | 0.22 | 1.9 | | 7.6 | 7.5 | 87 | | 0.07 | 10 | | 28.17 | 14.24 | 20.87 |
| 25.0 | 0838 | 6.0 | | | 0.21 | 1.8 | | 7.6 | 7.5 | 87 | | 0.07 | 10 | | 28.27 | 14.17 | 20.96 |
| 25.0 | 0838 | 7.0 | | | 0.21 | 1.8 | | 7.6 | 7.5 | 87 | | 0.07 | 10 | | 28.35 | 14.12 | 21.03 |
| 25.0 | 0838 | 8.0 | | | 0.20 | 1.7 | | 7.7 | 7.5 | 87 | | 0.08 | 11 | | 28.38 | 14.11 | 21.06 |
| 25.0 | 0838 | 9.0 | | | 0.20 | 1.7 | | 7.6 | 7.5 | 87 | | 0.08 | 11 | | 28.39 | 14.12 | 21.06 |
| 24.0 | 0852 | 1.0 | | | 0.24 | 2.1 | | 7.4 | 7.4 | 86 | | 0.06 | 8 | 1.0 | 28.41 | 14.02 | 21.10 |
| 24.0 | 0852 | 2.0 | 2.4 | 0.73 | 0.24 | 2.1 | 7.5 | 7.4 | 7.4 | 86 | 9.4 | 0.06 | 8 | | 28.55 | 13.92 | 21.22 |
| 24.0 | 0852 | 3.0 | | | 0.23 | 2.0 | | 7.4 | 7.4 | 86 | | 0.06 | 8 | | 28.64 | 13.86 | 21.31 |

South San Francisco Bay November 10, 1998 98314

| 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 | 0852 | 4.0 | | | 0.22 | 1.9 | | 7.3 | 7.4 | 86 | | 0.06 | 8 | | 28.68 | 13.83 | 21.34 |
| 24.0 | 0852 | 5.0 | | | 0.21 | 1.8 | | 7.3 | 7.4 | 86 | | 0.06 | 8 | | 28.70 | 13.81 | 21.36 |
| 24.0 | 0852 | 6.0 | | | 0.20 | 1.7 | | 7.3 | 7.4 | 86 | | 0.07 | 9 | | 28.73 | 13.78 | 21.39 |
| 24.0 | 0852 | 7.0 | | | 0.20 | 1.7 | | 7.3 | 7.4 | 86 | | 0.07 | 10 | | 28.75 | 13.76 | 21.41 |
| 24.0 | 0852 | 8.0 | | | 0.20 | 1.7 | | 7.3 | 7.4 | 86 | | 0.08 | 12 | | 28.76 | 13.74 | 21.43 |
| 24.0 | 0852 | 9.0 | | | 0.19 | 1.6 | | 7.3 | 7.4 | 85 | | 0.09 | 13 | | 28.77 | 13.73 | 21.43 |
| 24.0 | 0852 | 10.0 | | | 0.20 | 1.7 | | 7.3 | 7.4 | 86 | | 0.10 | 14 | | 28.78 | 13.73 | 21.44 |
| 24.0 | 0852 | 11.0 | 2.1 | 0.63 | 0.20 | 1.7 | | 7.3 | 7.4 | 86 | | 0.10 | 14 | | 28.78 | 13.73 | 21.44 |
| 22.0 | 0917 | 1.0 | | | 0.21 | 1.8 | | 7.5 | 7.5 | 86 | | 0.05 | 6 | 0.9 | 28.73 | 13.72 | 21.40 |
| 22.0 | 0917 | 2.0 | | | 0.20 | 1.7 | | 7.4 | 7.4 | 86 | | 0.05 | 7 | | 28.81 | 13.58 | 21.50 |
| 22.0 | 0917 | 3.0 | | | 0.19 | 1.6 | | 7.4 | 7.4 | 86 | | 0.05 | 7 | | 28.81 | 13.56 | 21.49 |
| 22.0 | 0917 | 4.0 | | | 0.18 | 1.5 | | 7.4 | 7.4 | 86 | | 0.05 | 8 | | 28.81 | 13.53 | 21.50 |
| 22.0 | 0917 | 5.0 | | | 0.17 | 1.4 | | 7.4 | 7.4 | 85 | | 0.06 | 8 | | 28.81 | 13.49 | 21.51 |
| 22.0 | 0917 | 6.0 | | | 0.17 | 1.4 | | 7.4 | 7.4 | 85 | | 0.06 | 8 | | 28.85 | 13.45 | 21.55 |
| 22.0 | 0917 | 7.0 | | | 0.17 | 1.5 | | 7.4 | 7.4 | 85 | | 0.06 | 8 | | 28.88 | 13.41 | 21.58 |
| 22.0 | 0917 | 8.0 | | | 0.18 | 1.5 | | 7.4 | 7.4 | 85 | | 0.06 | 8 | | 28.90 | 13.36 | 21.61 |
| 22.0 | 0917 | 9.0 | | | 0.17 | 1.5 | | 7.4 | 7.4 | 85 | | 0.06 | 8 | | 28.95 | 13.33 | 21.65 |
| 22.0 | 0917 | 10.0 | | | 0.17 | 1.5 | | 7.4 | 7.4 | 85 | | 0.06 | 9 | | 29.07 | 13.30 | 21.75 |
| 22.0 | 0917 | 11.0 | | | 0.18 | 1.5 | | 7.4 | 7.4 | 85 | | 0.08 | 11 | | 29.26 | 13.26 | 21.90 |
| 22.0 | 0917 | 12.0 | | | 0.18 | 1.5 | | 7.4 | 7.4 | 85 | | 0.09 | 12 | | 29.25 | 13.26 | 21.90 |
| 22.0 | 0917 | 13.0 | | | 0.19 | 1.6 | | 7.4 | 7.4 | 85 | | 0.09 | 13 | | 29.27 | 13.25 | 21.91 |
| 22.0 | 0917 | 14.0 | | | 0.19 | 1.6 | | 7.4 | 7.4 | 85 | | 0.10 | 14 | | 29.29 | 13.25 | 21.93 |
| 22.0 | 0917 | 15.0 | | | 0.19 | 1.6 | | 7.4 | 7.4 | 85 | | 0.10 | 14 | | 29.30 | 13.25 | 21.93 |
| 22.0 | 0917 | 16.0 | | | 0.20 | 1.7 | | 7.4 | 7.4 | 85 | | 0.11 | 16 | | 29.33 | 13.23 | 21.96 |
| 22.0 | 0917 | 17.0 | | | 0.21 | 1.8 | | 7.4 | 7.4 | 85 | | 0.13 | 19 | | 29.35 | 13.23 | 21.98 |
| 22.0 | 0917 | 18.0 | | | 0.21 | 1.8 | | 7.4 | 7.4 | 85 | | 0.14 | 20 | | 29.35 | 13.23 | 21.98 |
| 22.0 | 0917 | 19.0 | | | 0.21 | 1.8 | | 7.4 | 7.4 | 85 | | 0.13 | 20 | | 29.35 | 13.23 | 21.98 |
| 21.0 | 0929 | 1.0 | | | 0.22 | 1.9 | | 7.5 | 7.5 | 86 | | 0.05 | 7 | 0.9 | 28.77 | 13.56 | 21.46 |
| 21.0 | 0929 | 2.0 | 1.7 | 0.63 | 0.23 | 1.9 | 7.4 | 7.5 | 7.5 | 86 | 8.4 | 0.05 | 8 | | 28.77 | 13.56 | 21.47 |
| 21.0 | 0929 | 3.0 | | | 0.21 | 1.8 | | 7.5 | 7.5 | 86 | | 0.06 | 8 | | 28.78 | 13.56 | 21.47 |
| 21.0 | 0929 | 4.0 | | | 0.19 | 1.6 | | 7.4 | 7.5 | 86 | | 0.05 | 8 | | 28.80 | 13.54 | 21.49 |
| 21.0 | 0929 | 5.0 | | | 0.19 | 1.6 | | 7.4 | 7.4 | 86 | | 0.06 | 8 | | 28.89 | 13.50 | 21.57 |
| 21.0 | 0929 | 6.0 | | | 0.19 | 1.6 | | 7.4 | 7.4 | 85 | | 0.06 | 8 | | 29.03 | 13.43 | 21.69 |
| 21.0 | 0929 | 7.0 | | | 0.18 | 1.5 | | 7.3 | 7.4 | 85 | | 0.06 | 8 | | 29.15 | 13.37 | 21.79 |
| 21.0 | 0929 | 8.0 | | | 0.18 | 1.5 | | 7.3 | 7.4 | 85 | | 0.06 | 8 | | 29.25 | 13.30 | 21.88 |
| 21.0 | 0929 | 9.0 | | | 0.17 | 1.4 | | 7.3 | 7.4 | 85 | | 0.06 | 8 | | 29.27 | 13.28 | 21.91 |
| 21.0 | 0929 | 10.0 | | | 0.18 | 1.5 | | 7.3 | 7.4 | 85 | | 0.06 | 9 | | 29.31 | 13.28 | 21.94 |
| 21.0 | 0929 | 11.0 | | | 0.18 | 1.5 | | 7.3 | 7.4 | 85 | | 0.06 | 9 | | 29.35 | 13.24 | 21.98 |
| 21.0 | 0929 | 12.0 | | | 0.18 | 1.5 | | 7.3 | 7.4 | 85 | | 0.06 | 9 | | 29.43 | 13.20 | 22.05 |
| 21.0 | 0929 | 13.0 | | | 0.18 | 1.5 | | 7.3 | 7.4 | 85 | | 0.06 | 9 | | 29.53 | 13.16 | 22.13 |
| 21.0 | 0929 | 14.0 | | | 0.18 | 1.5 | | 7.3 | 7.4 | 85 | | 0.06 | 9 | | 29.68 | 13.10 | 22.26 |

South San Francisco Bay November 10, 1998 98314

| 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 | 0929 | 15.0 | | | 0.18 | 1.6 | | 7.2 | 7.4 | 85 | | 0.06 | 9 | | 29.87 | 13.04 | 22.42 |
| 21.0 | 0929 | 16.0 | | | 0.19 | 1.6 | | 7.2 | 7.4 | 85 | | 0.07 | 9 | | 30.01 | 13.00 | 22.53 |
| 21.0 | 0929 | 17.0 | | | 0.20 | 1.7 | | 7.3 | 7.4 | 85 | | 0.07 | 9 | | 30.13 | 12.97 | 22.63 |
| 21.0 | 0929 | 18.0 | 1.8 | 0.58 | 0.20 | 1.7 | | 7.3 | 7.4 | 85 | | 0.07 | 9 | | 30.13 | 12.99 | 22.63 |

| | n | r^2 | Slope | Inter. | Std. Err. |
|---|---|---|---|---|---|
| Fluorometer Calibration: | 12 | 0.876 | 9.465 | -0.194 | 0.223 |
| OBS Calibration: | 6 | 0.995 | 155.055 | -1.028 | 1.648 |
| Dissolved Oxygen Calibration: | 6 | 0.607 | 0.350 | 4.847 | 0.074 |

SeaBird v4.026

North San Francisco Bay | December 8, 1998 | 98342

| 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 | 1742 | 3.0 | 1.3 | 0.62 | 0.21 | 1.4 | 10.4 | 11.7 | 10.3 | 89 | 34.3 | 0.27 | 40 | | 0.06 | 8.82 | 0.00 |
| 657.0 | 1742 | 4.0 | | | 0.22 | 1.4 | | 11.7 | 10.3 | 89 | | 0.27 | 41 | | 0.06 | 8.83 | 0.00 |
| 657.0 | 1742 | 5.0 | | | 0.22 | 1.4 | | 11.7 | 10.3 | 89 | | 0.27 | 41 | | 0.06 | 8.84 | 0.00 |
| 657.0 | 1742 | 6.0 | | | 0.22 | 1.4 | | 11.7 | 10.3 | 89 | | 0.28 | 42 | | 0.06 | 8.84 | 0.00 |
| 657.0 | 1742 | 7.0 | | | 0.22 | 1.4 | | 11.7 | 10.3 | 89 | | 0.26 | 39 | | 0.06 | 8.84 | 0.00 |
| 657.0 | 1742 | 8.0 | | | 0.21 | 1.4 | | 11.7 | 10.3 | 89 | | 0.26 | 38 | | 0.06 | 8.84 | 0.00 |
| 657.0 | 1742 | 9.0 | 1.3 | 0.56 | 0.22 | 1.4 | | 11.7 | 10.3 | 89 | | 0.26 | 38 | | 0.06 | 8.85 | 0.00 |
| 649.0 | 1650 | 3.0 | 1.1 | 0.62 | 0.22 | 1.4 | 10.1 | 11.4 | 10.1 | 88 | 37.4 | 0.31 | 50 | | 0.06 | 9.08 | 0.00 |
| 649.0 | 1650 | 4.0 | | | 0.22 | 1.5 | | 11.4 | 10.1 | 88 | | 0.31 | 50 | | 0.06 | 9.08 | 0.00 |
| 649.0 | 1650 | 5.0 | | | 0.23 | 1.5 | | 11.4 | 10.1 | 88 | | 0.31 | 50 | | 0.06 | 9.09 | 0.00 |
| 649.0 | 1650 | 6.0 | | | 0.23 | 1.6 | | 11.4 | 10.1 | 88 | | 0.31 | 50 | | 0.06 | 9.09 | 0.00 |
| 649.0 | 1650 | 7.0 | | | 0.23 | 1.6 | | 11.4 | 10.1 | 88 | | 0.31 | 50 | | 0.06 | 9.09 | 0.00 |
| 649.0 | 1650 | 8.0 | | | 0.23 | 1.6 | | 11.4 | 10.1 | 88 | | 0.31 | 50 | | 0.06 | 9.10 | 0.00 |
| 649.0 | 1650 | 9.0 | | | 0.23 | 1.6 | | 11.4 | 10.1 | 88 | | 0.32 | 52 | | 0.06 | 9.11 | 0.00 |
| 649.0 | 1650 | 10.0 | | | 0.23 | 1.5 | | 11.4 | 10.1 | 88 | | 0.32 | 52 | | 0.06 | 9.11 | 0.00 |
| 649.0 | 1650 | 11.0 | 1.0 | 0.44 | 0.23 | 1.5 | | 11.4 | 10.1 | 88 | | 0.32 | 51 | | 0.06 | 9.11 | 0.00 |
| 2.0 | 1632 | 1.0 | | | 0.32 | 2.7 | | 11.2 | 9.9 | 88 | | 0.27 | 42 | 4.5 | 0.07 | 9.78 | 0.00 |
| 2.0 | 1632 | 2.0 | | | 0.31 | 2.6 | | 11.2 | 9.9 | 88 | | 0.28 | 44 | | 0.07 | 9.77 | 0.00 |
| 2.0 | 1632 | 3.0 | | | 0.30 | 2.4 | | 11.2 | 9.9 | 88 | | 0.28 | 44 | | 0.07 | 9.78 | 0.00 |
| 2.0 | 1632 | 4.0 | | | 0.30 | 2.5 | | 11.2 | 9.9 | 88 | | 0.28 | 43 | | 0.07 | 9.80 | 0.00 |
| 2.0 | 1632 | 5.0 | | | 0.35 | 3.1 | | 11.2 | 9.9 | 88 | | 0.28 | 42 | | 0.07 | 9.79 | 0.00 |
| 2.0 | 1632 | 6.0 | | | 0.37 | 3.3 | | 11.2 | 9.9 | 88 | | 0.29 | 46 | | 0.07 | 9.74 | 0.00 |
| 2.0 | 1632 | 7.0 | | | 0.33 | 2.8 | | 11.1 | 9.9 | 87 | | 0.29 | 46 | | 0.07 | 9.75 | 0.00 |
| 2.0 | 1632 | 8.0 | | | 0.32 | 2.8 | | 11.1 | 9.9 | 87 | | 0.31 | 49 | | 0.07 | 9.71 | 0.00 |
| 2.0 | 1632 | 9.0 | | | 0.32 | 2.7 | | 11.2 | 9.9 | 87 | | 0.34 | 57 | | 0.07 | 9.66 | 0.00 |
| 2.0 | 1632 | 10.0 | | | 0.32 | 2.7 | | 11.2 | 9.9 | 88 | | 0.35 | 59 | | 0.07 | 9.67 | 0.00 |
| 2.0 | 1632 | 11.0 | | | 0.34 | 2.9 | | 11.2 | 9.9 | 88 | | 0.34 | 58 | | 0.07 | 9.67 | 0.00 |
| 3.0 | 1607 | 1.0 | | | 0.37 | 3.3 | | 11.2 | 10.0 | 88 | | 0.25 | 36 | 3.1 | 0.07 | 9.87 | 0.00 |
| 3.0 | 1607 | 2.0 | 3.2 | 0.78 | 0.36 | 3.2 | 10.1 | 11.3 | 10.0 | 88 | 31.4 | 0.25 | 37 | | 0.07 | 9.88 | 0.00 |
| 3.0 | 1607 | 3.0 | | | 0.34 | 3.0 | | 11.3 | 10.0 | 88 | | 0.25 | 35 | | 0.07 | 9.88 | 0.00 |
| 3.0 | 1607 | 4.0 | | | 0.35 | 3.0 | | 11.3 | 10.0 | 89 | | 0.25 | 35 | | 0.07 | 9.88 | 0.00 |
| 3.0 | 1607 | 5.0 | | | 0.34 | 3.0 | | 11.3 | 10.0 | 88 | | 0.25 | 36 | | 0.07 | 9.88 | 0.00 |
| 3.0 | 1607 | 6.0 | | | 0.34 | 3.0 | | 11.2 | 9.9 | 88 | | 0.25 | 36 | | 0.07 | 9.86 | 0.00 |
| 3.0 | 1607 | 7.0 | | | 0.33 | 2.8 | | 11.1 | 9.9 | 87 | | 0.26 | 38 | | 0.07 | 9.79 | 0.00 |
| 3.0 | 1607 | 8.0 | | | 0.29 | 2.3 | | 11.1 | 9.9 | 87 | | 0.27 | 41 | | 0.07 | 9.65 | 0.00 |
| 3.0 | 1607 | 9.0 | | | 0.28 | 2.1 | | 11.2 | 9.9 | 87 | | 0.29 | 45 | | 0.07 | 9.58 | 0.00 |
| 3.0 | 1607 | 10.0 | | | 0.28 | 2.1 | | 11.1 | 9.9 | 87 | | 0.30 | 48 | | 0.07 | 9.50 | 0.00 |
| 3.0 | 1607 | 11.0 | | | 0.29 | 2.3 | | 11.2 | 9.9 | 87 | | 0.31 | 51 | | 0.06 | 9.42 | 0.00 |
| 3.0 | 1607 | 12.0 | | | 0.29 | 2.3 | | 11.2 | 9.9 | 87 | | 0.33 | 54 | | 0.06 | 9.40 | 0.00 |
| 3.0 | 1607 | 13.0 | | | 0.29 | 2.3 | | 11.2 | 10.0 | 87 | | 0.34 | 57 | | 0.06 | 9.39 | 0.00 |
| 3.0 | 1607 | 14.0 | | | 0.28 | 2.2 | | 11.2 | 10.0 | 87 | | 0.35 | 59 | | 0.06 | 9.39 | 0.00 |
| 3.0 | 1607 | 15.0 | 1.6 | 0.57 | 0.28 | 2.2 | | 11.3 | 10.0 | 87 | | 0.35 | 59 | | 0.06 | 9.39 | 0.00 |

North San Francisco Bay | December 8, 1998 | 98342

| 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 | 1544 | 1.0 | | | 0.29 | 2.3 | | 11.1 | 9.9 | 87 | | 0.33 | 55 | 4.1 | 0.07 | 9.78 | 0.00 |
| 4.0 | 1544 | 2.0 | | | 0.29 | 2.4 | | 11.1 | 9.9 | 87 | | 0.31 | 50 | | 0.07 | 9.77 | 0.00 |
| 4.0 | 1544 | 3.0 | | | 0.29 | 2.3 | | 11.1 | 9.9 | 87 | | 0.31 | 51 | | 0.07 | 9.72 | 0.00 |
| 4.0 | 1544 | 4.0 | | | 0.28 | 2.2 | | 11.1 | 9.9 | 87 | | 0.32 | 52 | | 0.07 | 9.72 | 0.00 |
| 4.0 | 1544 | 5.0 | | | 0.28 | 2.1 | | 11.1 | 9.9 | 87 | | 0.32 | 54 | | 0.07 | 9.71 | 0.00 |
| 4.0 | 1544 | 6.0 | | | 0.27 | 2.1 | | 11.1 | 9.9 | 87 | | 0.33 | 55 | | 0.07 | 9.70 | 0.00 |
| 4.0 | 1544 | 7.0 | | | 0.26 | 2.0 | | 11.2 | 9.9 | 87 | | 0.32 | 54 | | 0.07 | 9.71 | 0.00 |
| 4.0 | 1544 | 8.0 | | | 0.26 | 2.0 | | 11.2 | 9.9 | 87 | | 0.32 | 53 | | 0.07 | 9.71 | 0.00 |
| 4.0 | 1544 | 9.0 | | | 0.28 | 2.2 | | 11.1 | 9.9 | 87 | | 0.32 | 54 | | 0.07 | 9.71 | 0.00 |
| 4.0 | 1544 | 10.0 | | | 0.30 | 2.4 | | 11.2 | 9.9 | 87 | | 0.33 | 54 | | 0.07 | 9.70 | 0.00 |
| 4.0 | 1544 | 11.0 | | | 0.29 | 2.4 | | 11.2 | 9.9 | 87 | | 0.34 | 58 | | 0.07 | 9.70 | 0.00 |
| 4.0 | 1544 | 12.0 | | | 0.28 | 2.2 | | 11.2 | 9.9 | 87 | | 0.35 | 59 | | 0.07 | 9.70 | 0.00 |
| 4.0 | 1544 | 13.0 | | | 0.27 | 2.1 | | 11.2 | 9.9 | 88 | | 0.36 | 62 | | 0.07 | 9.70 | 0.00 |
| 4.0 | 1544 | 14.0 | | | 0.27 | 2.1 | | 11.2 | 9.9 | 88 | | 0.38 | 66 | | 0.07 | 9.70 | 0.00 |
| 4.0 | 1544 | 15.0 | | | 0.27 | 2.1 | | 11.2 | 9.9 | 87 | | 0.42 | 75 | | 0.07 | 9.70 | 0.00 |
| 5.0 | 1526 | 1.0 | | | 0.43 | 4.0 | | 11.1 | 9.9 | 89 | | 0.25 | 36 | 4.3 | 0.08 | 10.35 | 0.00 |
| 5.0 | 1526 | 2.0 | | | 0.41 | 3.8 | | 11.1 | 9.9 | 89 | | 0.25 | 36 | | 0.08 | 10.35 | 0.00 |
| 5.0 | 1526 | 3.0 | | | 0.37 | 3.3 | | 11.1 | 9.9 | 89 | | 0.25 | 36 | | 0.08 | 10.35 | 0.00 |
| 5.0 | 1526 | 4.0 | | | 0.37 | 3.3 | | 11.1 | 9.9 | 89 | | 0.26 | 38 | | 0.08 | 10.36 | 0.00 |
| 5.0 | 1526 | 5.0 | | | 0.37 | 3.4 | | 11.2 | 9.9 | 89 | | 0.26 | 39 | | 0.08 | 10.36 | 0.00 |
| 5.0 | 1526 | 6.0 | | | 0.40 | 3.8 | | 11.1 | 9.9 | 89 | | 0.27 | 42 | | 0.08 | 10.36 | 0.00 |
| 5.0 | 1526 | 7.0 | | | 0.45 | 4.3 | | 11.1 | 9.9 | 89 | | 0.27 | 40 | | 0.08 | 10.36 | 0.00 |
| 5.0 | 1526 | 8.0 | | | 0.42 | 4.0 | | 11.1 | 9.9 | 89 | | 0.26 | 39 | | 0.08 | 10.35 | 0.00 |
| 5.0 | 1526 | 9.0 | | | 0.40 | 3.7 | | 11.1 | 9.9 | 89 | | 0.26 | 38 | | 0.08 | 10.35 | 0.00 |
| 5.0 | 1526 | 10.0 | | | 0.39 | 3.6 | | 11.1 | 9.9 | 89 | | 0.26 | 39 | | 0.08 | 10.35 | 0.00 |
| 5.0 | 1526 | 11.0 | | | 0.38 | 3.5 | | 11.1 | 9.9 | 89 | | 0.27 | 40 | | 0.08 | 10.35 | 0.00 |
| 5.0 | 1526 | 12.0 | | | 0.39 | 3.6 | | 11.2 | 9.9 | 89 | | 0.27 | 42 | | 0.08 | 10.36 | 0.00 |
| 6.0 | 1505 | 1.0 | | | 0.32 | 2.7 | | 11.0 | 9.8 | 88 | | 0.29 | 47 | 3.1 | 0.08 | 10.28 | 0.00 |
| 6.0 | 1505 | 2.0 | 3.7 | 0.74 | 0.32 | 2.7 | 9.8 | 11.1 | 9.8 | 88 | 39.2 | 0.29 | 46 | | 0.08 | 10.28 | 0.00 |
| 6.0 | 1505 | 3.0 | | | 0.35 | 3.0 | | 11.1 | 9.9 | 88 | | 0.29 | 46 | | 0.08 | 10.28 | 0.00 |
| 6.0 | 1505 | 4.0 | | | 0.34 | 3.0 | | 11.1 | 9.8 | 88 | | 0.30 | 47 | | 0.08 | 10.27 | 0.00 |
| 6.0 | 1505 | 5.0 | | | 0.31 | 2.6 | | 11.1 | 9.8 | 88 | | 0.31 | 49 | | 0.08 | 10.27 | 0.00 |
| 6.0 | 1505 | 6.0 | | | 0.33 | 2.8 | | 11.1 | 9.8 | 88 | | 0.32 | 53 | | 0.08 | 10.27 | 0.00 |
| 6.0 | 1505 | 7.0 | | | 0.34 | 3.0 | | 11.1 | 9.8 | 88 | | 0.35 | 59 | | 0.08 | 10.27 | 0.00 |
| 6.0 | 1505 | 8.0 | | | 0.34 | 2.9 | | 11.1 | 9.8 | 88 | | 0.35 | 59 | | 0.08 | 10.25 | 0.00 |
| 6.0 | 1505 | 9.0 | | | 0.35 | 3.1 | | 11.1 | 9.8 | 88 | | 0.33 | 55 | | 0.08 | 10.22 | 0.00 |
| 6.0 | 1505 | 10.0 | | | 0.38 | 3.4 | | 11.1 | 9.8 | 88 | | 0.33 | 54 | | 0.08 | 10.19 | 0.00 |
| 6.0 | 1505 | 11.0 | | | 0.39 | 3.6 | | 11.1 | 9.8 | 88 | | 0.33 | 54 | | 0.08 | 10.19 | 0.00 |
| 6.0 | 1505 | 12.0 | 3.7 | 0.65 | 0.38 | 3.4 | | 11.1 | 9.9 | 88 | | 0.33 | 55 | | 0.08 | 10.18 | 0.00 |

North San Francisco Bay December 8, 1998 98342

| 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 | 1442 | 1.0 | | | 0.42 | 3.9 | | 10.9 | 9.7 | 87 | | 0.44 | 80 | 4.7 | 0.12 | 10.55 | 0.00 |
| 7.0 | 1442 | 2.0 | | | 0.41 | 3.9 | | 10.9 | 9.7 | 87 | | 0.43 | 79 | | 0.12 | 10.55 | 0.00 |
| 7.0 | 1442 | 3.0 | | | 0.42 | 4.0 | | 10.9 | 9.7 | 87 | | 0.43 | 79 | | 0.12 | 10.54 | 0.00 |
| 7.0 | 1442 | 4.0 | | | 0.40 | 3.8 | | 10.9 | 9.7 | 87 | | 0.44 | 80 | | 0.12 | 10.53 | 0.00 |
| 7.0 | 1442 | 5.0 | | | 0.41 | 3.8 | | 10.9 | 9.7 | 87 | | 0.44 | 81 | | 0.12 | 10.52 | 0.00 |
| 7.0 | 1442 | 6.0 | | | 0.41 | 3.8 | | 10.9 | 9.7 | 87 | | 0.45 | 83 | | 0.12 | 10.52 | 0.00 |
| 7.0 | 1442 | 7.0 | | | 0.39 | 3.5 | | 10.9 | 9.7 | 87 | | 0.46 | 84 | | 0.12 | 10.51 | 0.00 |
| 7.0 | 1442 | 8.0 | | | 0.39 | 3.6 | | 10.9 | 9.7 | 87 | | 0.46 | 86 | | 0.12 | 10.51 | 0.00 |
| 7.0 | 1442 | 9.0 | | | 0.43 | 4.1 | | 10.9 | 9.7 | 87 | | 0.46 | 84 | | 0.12 | 10.51 | 0.00 |
| 7.0 | 1442 | 10.0 | | | 0.48 | 4.7 | | 10.9 | 9.7 | 87 | | 0.48 | 90 | | 0.12 | 10.51 | 0.00 |
| 7.0 | 1442 | 11.0 | | | 0.48 | 4.8 | | 10.9 | 9.7 | 87 | | 0.49 | 93 | | 0.12 | 10.51 | 0.00 |
| 7.0 | 1442 | 12.0 | | | 0.44 | 4.2 | | 10.9 | 9.7 | 87 | | 0.52 | 100 | | 0.12 | 10.51 | 0.00 |
| 7.0 | 1442 | 13.0 | | | 0.46 | 4.5 | | 10.9 | 9.7 | 87 | | 0.53 | 101 | | 0.12 | 10.51 | 0.00 |
| 7.0 | 1442 | 14.0 | | | 0.46 | 4.5 | | 10.9 | 9.7 | 87 | | 0.55 | 106 | | 0.12 | 10.51 | 0.00 |
| 7.0 | 1442 | 15.0 | | | 0.44 | 4.2 | | 10.9 | 9.7 | 87 | | 0.54 | 104 | | 0.12 | 10.51 | 0.00 |
| 8.0 | 1415 | 1.0 | | | 0.46 | 4.4 | | 11.2 | 10.0 | 89 | | 0.62 | 123 | 6.9 | 0.16 | 10.31 | 0.00 |
| 8.0 | 1415 | 2.0 | | | 0.48 | 4.8 | | 11.2 | 9.9 | 89 | | 0.61 | 121 | | 0.17 | 10.31 | 0.00 |
| 8.0 | 1415 | 3.0 | | | 0.47 | 4.6 | | 11.2 | 9.9 | 89 | | 0.61 | 122 | | 0.18 | 10.30 | 0.00 |
| 8.0 | 1415 | 4.0 | | | 0.46 | 4.5 | | 11.2 | 9.9 | 89 | | 0.63 | 124 | | 0.23 | 10.31 | 0.00 |
| 8.0 | 1415 | 5.0 | | | 0.48 | 4.7 | | 11.2 | 9.9 | 89 | | 0.65 | 131 | | 0.26 | 10.34 | 0.00 |
| 8.0 | 1415 | 6.0 | | | 0.48 | 4.7 | | 11.2 | 9.9 | 89 | | 0.69 | 140 | | 0.29 | 10.37 | 0.00 |
| 8.0 | 1415 | 7.0 | | | 0.47 | 4.6 | | 11.2 | 9.9 | 89 | | 0.74 | 150 | | 0.30 | 10.37 | 0.00 |
| 8.0 | 1415 | 8.0 | | | 0.46 | 4.4 | | 11.2 | 9.9 | 89 | | 0.76 | 157 | | 0.31 | 10.38 | 0.00 |
| 8.0 | 1415 | 9.0 | | | 0.47 | 4.6 | | 11.2 | 9.9 | 89 | | 0.79 | 162 | | 0.32 | 10.40 | 0.00 |
| 8.0 | 1415 | 10.0 | | | 0.45 | 4.3 | | 11.1 | 9.9 | 89 | | 0.79 | 164 | | 0.35 | 10.41 | 0.00 |
| 8.0 | 1415 | 11.0 | | | 0.42 | 3.9 | | 11.2 | 9.9 | 89 | | 0.82 | 170 | | 0.48 | 10.42 | 0.04 |
| 8.0 | 1415 | 12.0 | | | 0.44 | 4.2 | | 11.2 | 10.0 | 90 | | 0.82 | 169 | | 1.45 | 10.51 | 0.79 |
| 8.0 | 1415 | 13.0 | | | 0.42 | 4.0 | | 11.2 | 9.9 | 92 | | 0.80 | 166 | | 3.33 | 10.70 | 2.24 |
| 8.0 | 1415 | 14.0 | | | 0.41 | 3.9 | | 10.7 | 9.5 | 91 | | 0.72 | 148 | | 7.48 | 11.05 | 5.42 |
| 8.0 | 1415 | 15.0 | | | 0.43 | 4.1 | | 10.6 | 9.5 | 91 | | 0.62 | 123 | | 7.99 | 11.07 | 5.82 |
| 9.0 | 1347 | 1.0 | | | 0.44 | 4.2 | | 11.1 | 9.9 | 89 | | 0.76 | 157 | 8.3 | 0.45 | 10.43 | 0.02 |
| 9.0 | 1347 | 2.0 | 4.1 | 0.54 | 0.46 | 4.4 | 9.8 | 11.1 | 9.8 | 88 | 161.3 | 0.75 | 153 | | 0.47 | 10.43 | 0.03 |
| 9.0 | 1347 | 3.0 | | | 0.44 | 4.2 | | 11.1 | 9.8 | 89 | | 0.75 | 153 | | 0.51 | 10.43 | 0.06 |
| 9.0 | 1347 | 4.0 | | | 0.47 | 4.6 | | 11.1 | 9.8 | 89 | | 0.75 | 154 | | 0.55 | 10.43 | 0.09 |
| 9.0 | 1347 | 5.0 | | | 0.48 | 4.8 | | 11.0 | 9.8 | 88 | | 0.76 | 155 | | 0.67 | 10.43 | 0.19 |
| 9.0 | 1347 | 6.0 | | | 0.44 | 4.2 | | 11.0 | 9.8 | 88 | | 0.77 | 158 | | 0.69 | 10.43 | 0.20 |
| 9.0 | 1347 | 7.0 | | | 0.44 | 4.2 | | 11.0 | 9.8 | 88 | | 0.77 | 158 | | 0.69 | 10.43 | 0.21 |
| 9.0 | 1347 | 8.0 | | | 0.44 | 4.2 | | 11.0 | 9.8 | 88 | | 0.78 | 160 | | 0.69 | 10.43 | 0.21 |
| 9.0 | 1347 | 9.0 | | | 0.43 | 4.1 | | 11.1 | 9.8 | 89 | | 0.78 | 161 | | 0.71 | 10.43 | 0.22 |
| 9.0 | 1347 | 10.0 | | | 0.47 | 4.6 | | 11.1 | 9.8 | 89 | | 0.80 | 164 | | 0.76 | 10.44 | 0.26 |
| 9.0 | 1347 | 11.0 | | | 0.46 | 4.5 | | 11.1 | 9.9 | 89 | | 0.80 | 165 | | 1.02 | 10.48 | 0.46 |

North San Francisco Bay December 8, 1998 98342

| 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 | 1347 | 12.0 | | | 0.42 | 4.0 | | 11.1 | 9.8 | 89 | | 0.76 | 155 | | 1.72 | 10.54 | 1.00 |
| 9.0 | 1347 | 13.0 | | | 0.39 | 3.6 | | 11.0 | 9.8 | 90 | | 0.71 | 144 | | 3.07 | 10.65 | 2.05 |
| 9.0 | 1347 | 14.0 | | | 0.38 | 3.5 | | 10.9 | 9.7 | 90 | | 0.65 | 131 | | 4.21 | 10.75 | 2.92 |
| 9.0 | 1347 | 15.0 | | | 0.40 | 3.7 | | 10.8 | 9.6 | 90 | | 0.61 | 120 | | 4.61 | 10.80 | 3.23 |
| 9.0 | 1347 | 16.0 | | | 0.40 | 3.7 | | 10.7 | 9.6 | 90 | | 0.56 | 109 | | 5.11 | 10.83 | 3.61 |
| 9.0 | 1347 | 17.0 | | | 0.37 | 3.3 | | 10.7 | 9.5 | 90 | | 0.53 | 101 | | 5.53 | 10.87 | 3.93 |
| 9.0 | 1347 | 18.0 | | | 0.36 | 3.1 | | 10.7 | 9.5 | 90 | | 0.48 | 90 | | 5.99 | 10.90 | 4.28 |
| 9.0 | 1347 | 19.0 | | | 0.37 | 3.3 | | 10.6 | 9.5 | 90 | | 0.46 | 85 | | 6.18 | 10.92 | 4.43 |
| 9.0 | 1347 | 20.0 | | | 0.39 | 3.5 | | 10.6 | 9.5 | 89 | | 0.50 | 95 | | 6.45 | 10.94 | 4.63 |
| 9.0 | 1347 | 21.0 | | | 0.41 | 3.8 | | 10.6 | 9.4 | 89 | | 0.63 | 124 | | 6.61 | 10.96 | 4.76 |
| 9.0 | 1347 | 22.0 | | | 0.40 | 3.8 | | 10.5 | 9.4 | 89 | | 0.75 | 155 | | 6.78 | 10.97 | 4.89 |
| 9.0 | 1347 | 23.0 | | | 0.39 | 3.6 | | 10.5 | 9.4 | 89 | | 0.88 | 185 | | 7.04 | 10.99 | 5.09 |
| 9.0 | 1347 | 24.0 | | | 0.38 | 3.5 | | 10.5 | 9.4 | 89 | | 0.93 | 195 | | 7.18 | 10.99 | 5.20 |
| 9.0 | 1347 | 25.0 | | | 0.38 | 3.4 | | 10.5 | 9.4 | 89 | | 0.92 | 193 | | 7.11 | 10.99 | 5.14 |
| 9.0 | 1347 | 26.0 | | | 0.39 | 3.6 | | 10.5 | 9.4 | 89 | | 0.90 | 190 | | 6.98 | 10.98 | 5.05 |
| 9.0 | 1347 | 27.0 | | | 0.40 | 3.7 | | 10.5 | 9.4 | 89 | | 0.86 | 180 | | 7.31 | 11.01 | 5.29 |
| 9.0 | 1347 | 28.0 | | | 0.40 | 3.8 | | 10.5 | 9.4 | 89 | | 0.95 | 200 | | 7.78 | 11.05 | 5.66 |
| 9.0 | 1347 | 29.0 | | | 0.43 | 4.0 | | 10.4 | 9.3 | 90 | | 1.17 | 253 | | 8.26 | 11.07 | 6.03 |
| 9.0 | 1347 | 30.0 | | | 0.45 | 4.3 | | 10.4 | 9.3 | 90 | | 1.46 | 320 | | 8.46 | 11.09 | 6.18 |
| 9.0 | 1347 | 31.0 | | | 0.45 | 4.3 | | 10.4 | 9.3 | 90 | | 1.80 | 400 | | 8.47 | 11.09 | 6.18 |
| 10.0 | 1334 | 1.0 | | | 0.40 | 3.8 | | 11.0 | 9.8 | 88 | | 0.67 | 134 | 6.8 | 1.00 | 10.49 | 0.44 |
| 10.0 | 1334 | 2.0 | | | 0.44 | 4.2 | | 11.0 | 9.8 | 89 | | 0.64 | 128 | | 1.00 | 10.49 | 0.44 |
| 10.0 | 1334 | 3.0 | | | 0.45 | 4.3 | | 11.0 | 9.8 | 89 | | 0.65 | 130 | | 1.00 | 10.49 | 0.45 |
| 10.0 | 1334 | 4.0 | | | 0.46 | 4.4 | | 11.0 | 9.8 | 89 | | 0.65 | 129 | | 1.04 | 10.49 | 0.47 |
| 10.0 | 1334 | 5.0 | | | 0.45 | 4.3 | | 11.0 | 9.8 | 89 | | 0.66 | 132 | | 1.28 | 10.51 | 0.66 |
| 10.0 | 1334 | 6.0 | | | 0.43 | 4.1 | | 11.0 | 9.8 | 89 | | 0.68 | 136 | | 1.84 | 10.55 | 1.10 |
| 10.0 | 1334 | 7.0 | | | 0.42 | 4.0 | | 10.9 | 9.7 | 89 | | 0.67 | 134 | | 2.29 | 10.58 | 1.44 |
| 10.0 | 1334 | 8.0 | | | 0.40 | 3.7 | | 10.9 | 9.7 | 89 | | 0.67 | 135 | | 2.33 | 10.60 | 1.47 |
| 10.0 | 1334 | 9.0 | | | 0.40 | 3.7 | | 10.9 | 9.7 | 89 | | 0.67 | 135 | | 2.41 | 10.62 | 1.53 |
| 10.0 | 1334 | 10.0 | | | 0.45 | 4.3 | | 10.9 | 9.7 | 89 | | 0.64 | 129 | | 2.64 | 10.65 | 1.71 |
| 10.0 | 1334 | 11.0 | | | 0.47 | 4.6 | | 10.9 | 9.7 | 89 | | 0.61 | 120 | | 2.77 | 10.65 | 1.81 |
| 10.0 | 1334 | 12.0 | | | 0.44 | 4.2 | | 10.9 | 9.7 | 89 | | 0.60 | 119 | | 3.47 | 10.71 | 2.35 |
| 10.0 | 1334 | 13.0 | | | 0.45 | 4.3 | | 10.8 | 9.6 | 89 | | 0.61 | 122 | | 4.26 | 10.77 | 2.95 |
| 10.0 | 1334 | 14.0 | | | 0.45 | 4.3 | | 10.8 | 9.6 | 90 | | 0.61 | 121 | | 5.10 | 10.84 | 3.60 |
| 10.0 | 1334 | 15.0 | | | 0.41 | 3.9 | | 10.7 | 9.5 | 90 | | 0.59 | 115 | | 6.20 | 10.92 | 4.45 |
| 10.0 | 1334 | 16.0 | | | 0.39 | 3.6 | | 10.6 | 9.5 | 90 | | 0.57 | 111 | | 7.55 | 11.01 | 5.48 |
| 10.0 | 1334 | 17.0 | | | 0.43 | 4.0 | | 10.4 | 9.3 | 90 | | 0.64 | 128 | | 10.01 | 11.16 | 7.37 |
| 10.0 | 1334 | 18.0 | | | 0.44 | 4.3 | | 10.3 | 9.2 | 90 | | 0.92 | 194 | | 10.68 | 11.21 | 7.88 |
| 11.0 | 1303 | 1.0 | | | 0.35 | 3.1 | | 10.7 | 9.5 | 88 | | 0.52 | 101 | 5.3 | 3.98 | 10.80 | 2.73 |
| 11.0 | 1303 | 2.0 | | | 0.35 | 3.1 | | 10.7 | 9.6 | 89 | | 0.53 | 103 | | 3.98 | 10.80 | 2.73 |
| 11.0 | 1303 | 3.0 | | | 0.34 | 3.0 | | 10.7 | 9.5 | 89 | | 0.53 | 101 | | 5.08 | 10.85 | 3.58 |

North San Francisco Bay December 8, 1998 98342

| 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 | 1303 | 4.0 | | | 0.32 | 2.7 | | 10.5 | 9.4 | 89 | | 0.52 | 99 | | 6.38 | 10.92 | 4.59 |
| 11.0 | 1303 | 5.0 | | | 0.33 | 2.8 | | 10.5 | 9.4 | 89 | | 0.50 | 96 | | 6.78 | 10.95 | 4.89 |
| 11.0 | 1303 | 6.0 | | | 0.33 | 2.8 | | 10.4 | 9.3 | 89 | | 0.50 | 94 | | 8.28 | 11.03 | 6.05 |
| 11.0 | 1303 | 7.0 | | | 0.31 | 2.6 | | 10.4 | 9.3 | 90 | | 0.48 | 89 | | 9.11 | 11.08 | 6.68 |
| 11.0 | 1303 | 8.0 | | | 0.33 | 2.8 | | 10.3 | 9.2 | 90 | | 0.48 | 90 | | 10.29 | 11.16 | 7.59 |
| 11.0 | 1303 | 9.0 | | | 0.34 | 2.9 | | 10.2 | 9.2 | 90 | | 0.47 | 87 | | 10.89 | 11.19 | 8.05 |
| 11.0 | 1303 | 10.0 | | | 0.31 | 2.5 | | 10.1 | 9.1 | 90 | | 0.47 | 87 | | 12.10 | 11.25 | 8.97 |
| 11.0 | 1303 | 11.0 | | | 0.30 | 2.5 | | 10.1 | 9.1 | 90 | | 0.47 | 87 | | 12.73 | 11.27 | 9.46 |
| 11.0 | 1303 | 12.0 | | | 0.34 | 2.9 | | 9.9 | 8.9 | 90 | | 0.47 | 87 | | 15.02 | 11.37 | 11.22 |
| 11.0 | 1303 | 13.0 | | | 0.33 | 2.9 | | 9.8 | 8.9 | 90 | | 1.01 | 215 | | 15.57 | 11.41 | 11.64 |
| 12.0 | 1239 | 1.0 | | | 0.29 | 2.3 | | 10.3 | 9.3 | 88 | | 0.37 | 65 | 4.0 | 6.98 | 10.94 | 5.05 |
| 12.0 | 1239 | 2.0 | | | 0.29 | 2.3 | | 10.3 | 9.2 | 88 | | 0.37 | 64 | | 7.53 | 10.97 | 5.47 |
| 12.0 | 1239 | 3.0 | | | 0.29 | 2.3 | | 10.3 | 9.3 | 89 | | 0.37 | 63 | | 8.09 | 11.00 | 5.90 |
| 12.0 | 1239 | 4.0 | | | 0.27 | 2.1 | | 10.1 | 9.1 | 89 | | 0.32 | 53 | | 10.73 | 11.15 | 7.93 |
| 12.0 | 1239 | 5.0 | | | 0.25 | 1.8 | | 10.0 | 9.0 | 89 | | 0.27 | 40 | | 12.32 | 11.24 | 9.15 |
| 12.0 | 1239 | 6.0 | | | 0.23 | 1.6 | | 9.9 | 8.9 | 89 | | 0.26 | 39 | | 13.52 | 11.32 | 10.07 |
| 12.0 | 1239 | 7.0 | | | 0.22 | 1.4 | | 9.8 | 8.8 | 90 | | 0.31 | 49 | | 15.67 | 11.49 | 11.70 |
| 12.0 | 1239 | 8.0 | | | 0.22 | 1.5 | | 9.7 | 8.8 | 90 | | 0.37 | 65 | | 17.14 | 11.50 | 12.84 |
| 12.0 | 1239 | 9.0 | | | 0.23 | 1.5 | | 9.6 | 8.7 | 90 | | 0.41 | 72 | | 17.78 | 11.51 | 13.33 |
| 13.0 | 1212 | 1.0 | | | 0.25 | 1.8 | | 10.3 | 9.3 | 90 | | 0.19 | 23 | 2.4 | 10.15 | 11.00 | 7.50 |
| 13.0 | 1212 | 2.0 | 1.5 | 0.56 | 0.23 | 1.5 | 9.2 | 10.3 | 9.2 | 90 | 24.6 | 0.19 | 23 | | 10.80 | 10.98 | 8.00 |
| 13.0 | 1212 | 3.0 | | | 0.21 | 1.4 | | 10.3 | 9.2 | 90 | | 0.19 | 22 | | 11.25 | 10.97 | 8.35 |
| 13.0 | 1212 | 4.0 | | | 0.20 | 1.2 | | 10.4 | 9.3 | 91 | | 0.18 | 19 | | 11.69 | 10.97 | 8.69 |
| 13.0 | 1212 | 5.0 | | | 0.19 | 1.0 | | 10.3 | 9.3 | 93 | | 0.17 | 18 | | 14.34 | 11.19 | 10.71 |
| 13.0 | 1212 | 6.0 | | | 0.18 | 0.9 | | 9.9 | 8.9 | 92 | | 0.17 | 17 | | 18.37 | 11.50 | 13.79 |
| 13.0 | 1212 | 7.0 | | | 0.17 | 0.8 | | 9.7 | 8.8 | 92 | | 0.15 | 12 | | 19.77 | 11.59 | 14.86 |
| 13.0 | 1212 | 8.0 | | | 0.18 | 0.9 | | 9.7 | 8.8 | 92 | | 0.14 | 11 | | 20.44 | 11.61 | 15.37 |
| 13.0 | 1212 | 9.0 | 1.3 | 0.48 | 0.18 | 1.0 | | 9.6 | 8.7 | 92 | | 0.18 | 19 | | 21.41 | 11.65 | 16.12 |
| 14.0 | 1154 | 1.0 | | | 0.23 | 1.6 | | 10.3 | 9.3 | 91 | | 0.19 | 22 | 2.2 | 11.68 | 11.07 | 8.67 |
| 14.0 | 1154 | 2.0 | | | 0.23 | 1.6 | | 10.3 | 9.2 | 91 | | 0.19 | 21 | | 11.97 | 11.05 | 8.90 |
| 14.0 | 1154 | 3.0 | | | 0.22 | 1.4 | | 10.3 | 9.2 | 91 | | 0.18 | 20 | | 12.24 | 11.04 | 9.11 |
| 14.0 | 1154 | 4.0 | | | 0.21 | 1.3 | | 10.3 | 9.2 | 91 | | 0.18 | 20 | | 12.46 | 11.03 | 9.28 |
| 14.0 | 1154 | 5.0 | | | 0.21 | 1.3 | | 10.3 | 9.2 | 91 | | 0.19 | 21 | | 12.83 | 11.04 | 9.56 |
| 14.0 | 1154 | 6.0 | | | 0.22 | 1.5 | | 10.2 | 9.2 | 92 | | 0.20 | 24 | | 15.29 | 11.19 | 11.45 |
| 14.0 | 1154 | 7.0 | | | 0.23 | 1.5 | | 10.0 | 9.0 | 92 | | 0.23 | 32 | | 16.97 | 11.31 | 12.74 |
| 14.0 | 1154 | 8.0 | | | 0.21 | 1.3 | | 10.0 | 9.0 | 92 | | 0.24 | 34 | | 17.23 | 11.37 | 12.93 |
| 14.0 | 1154 | 9.0 | | | 0.19 | 1.1 | | 9.9 | 8.9 | 92 | | 0.22 | 30 | | 17.82 | 11.43 | 13.38 |
| 14.0 | 1154 | 10.0 | | | 0.18 | 1.0 | | 9.9 | 8.9 | 92 | | 0.19 | 21 | | 19.13 | 11.51 | 14.37 |
| 14.0 | 1154 | 11.0 | | | 0.17 | 0.8 | | 9.7 | 8.8 | 92 | | 0.18 | 19 | | 21.43 | 11.61 | 16.14 |
| 14.0 | 1154 | 12.0 | | | 0.17 | 0.8 | | 9.7 | 8.8 | 93 | | 0.15 | 13 | | 21.78 | 11.63 | 16.41 |
| 14.0 | 1154 | 13.0 | | | 0.17 | 0.8 | | 9.6 | 8.7 | 93 | | 0.14 | 9 | | 22.39 | 11.68 | 16.87 |
| 14.0 | 1154 | 14.0 | | | 0.17 | 0.8 | | 9.5 | 8.6 | 92 | | 0.16 | 15 | | 22.92 | 11.72 | 17.28 |

North San Francisco Bay | December 8, 1998 | 98342

| 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 | 1132 | 1.0 | | | 0.21 | 1.3 | | 10.3 | 9.2 | 91 | | 0.16 | 15 | 1.9 | 13.34 | 11.05 | 9.96 |
| 15.0 | 1132 | 2.0 | 1.5 | 0.61 | 0.21 | 1.3 | 9.2 | 10.2 | 9.2 | 91 | 21.0 | 0.16 | 14 | | 13.41 | 11.04 | 10.02 |
| 15.0 | 1132 | 3.0 | | | 0.21 | 1.3 | | 10.2 | 9.2 | 91 | | 0.16 | 14 | | 13.81 | 11.05 | 10.33 |
| 15.0 | 1132 | 4.0 | | | 0.21 | 1.3 | | 10.2 | 9.2 | 91 | | 0.17 | 16 | | 14.15 | 11.07 | 10.58 |
| 15.0 | 1132 | 5.0 | | | 0.20 | 1.2 | | 10.2 | 9.1 | 91 | | 0.17 | 17 | | 14.45 | 11.09 | 10.81 |
| 15.0 | 1132 | 6.0 | | | 0.20 | 1.2 | | 10.2 | 9.2 | 92 | | 0.17 | 17 | | 14.64 | 11.10 | 10.96 |
| 15.0 | 1132 | 7.0 | | | 0.20 | 1.2 | | 10.2 | 9.2 | 92 | | 0.17 | 17 | | 15.54 | 11.15 | 11.65 |
| 15.0 | 1132 | 8.0 | | | 0.20 | 1.2 | | 10.1 | 9.1 | 93 | | 0.17 | 18 | | 17.83 | 11.34 | 13.40 |
| 15.0 | 1132 | 9.0 | | | 0.20 | 1.1 | | 10.0 | 9.0 | 93 | | 0.19 | 21 | | 19.85 | 11.50 | 14.94 |
| 15.0 | 1132 | 10.0 | | | 0.19 | 1.0 | | 9.7 | 8.8 | 93 | | 0.19 | 23 | | 21.75 | 11.64 | 16.38 |
| 15.0 | 1132 | 11.0 | | | 0.19 | 1.0 | | 9.7 | 8.8 | 93 | | 0.23 | 32 | | 22.03 | 11.65 | 16.60 |
| 15.0 | 1132 | 12.0 | | | 0.19 | 1.0 | | 9.7 | 8.7 | 93 | | 0.25 | 36 | | 22.09 | 11.66 | 16.65 |
| 15.0 | 1132 | 13.0 | | | 0.19 | 1.1 | | 9.6 | 8.7 | 92 | | 0.26 | 39 | | 22.12 | 11.66 | 16.67 |
| 15.0 | 1132 | 14.0 | | | 0.19 | 1.0 | | 9.6 | 8.7 | 92 | | 0.25 | 37 | | 22.37 | 11.67 | 16.86 |
| 15.0 | 1132 | 15.0 | | | 0.18 | 0.9 | | 9.6 | 8.7 | 92 | | 0.25 | 36 | | 22.82 | 11.70 | 17.20 |
| 15.0 | 1132 | 16.0 | | | 0.18 | 0.9 | | 9.6 | 8.7 | 93 | | 0.25 | 35 | | 23.21 | 11.72 | 17.50 |
| 15.0 | 1132 | 17.0 | | | 0.18 | 0.9 | | 9.5 | 8.6 | 92 | | 0.23 | 32 | | 23.67 | 11.76 | 17.85 |
| 15.0 | 1132 | 18.0 | | | 0.18 | 0.9 | | 9.5 | 8.6 | 93 | | 0.23 | 31 | | 23.87 | 11.77 | 18.00 |
| 15.0 | 1132 | 19.0 | | | 0.18 | 0.9 | | 9.5 | 8.6 | 92 | | 0.22 | 30 | | 24.06 | 11.78 | 18.15 |
| 15.0 | 1132 | 20.0 | | | 0.18 | 0.9 | | 9.5 | 8.6 | 93 | | 0.22 | 30 | | 24.27 | 11.80 | 18.30 |
| 15.0 | 1132 | 21.0 | | | 0.19 | 1.1 | | 9.4 | 8.6 | 93 | | 0.22 | 29 | | 24.76 | 11.84 | 18.68 |
| 15.0 | 1132 | 22.0 | | | 0.21 | 1.3 | | 9.4 | 8.5 | 93 | | 0.27 | 41 | | 25.04 | 11.87 | 18.89 |
| 15.0 | 1132 | 23.0 | | | 0.23 | 1.5 | | 9.4 | 8.5 | 93 | | 0.47 | 88 | | 25.05 | 11.87 | 18.90 |
| 15.0 | 1132 | 24.0 | 1.1 | 0.24 | 0.23 | 1.5 | | 9.4 | 8.5 | 93 | | 0.65 | 131 | | 25.10 | 11.86 | 18.94 |
| 16.0 | 1103 | 1.0 | | | 0.23 | 1.5 | | 10.3 | 9.3 | 92 | | 0.28 | 43 | 3.3 | 14.49 | 10.99 | 10.86 |
| 16.0 | 1103 | 2.0 | | | 0.22 | 1.4 | | 10.3 | 9.2 | 92 | | 0.26 | 39 | | 15.24 | 11.03 | 11.44 |
| 16.0 | 1103 | 3.0 | | | 0.20 | 1.2 | | 10.3 | 9.3 | 93 | | 0.27 | 40 | | 16.03 | 11.11 | 12.03 |
| 16.0 | 1103 | 4.0 | | | 0.19 | 1.1 | | 10.2 | 9.1 | 94 | | 0.27 | 41 | | 18.69 | 11.34 | 14.06 |
| 16.0 | 1103 | 5.0 | | | 0.19 | 1.0 | | 9.9 | 8.9 | 94 | | 0.22 | 30 | | 20.83 | 11.53 | 15.69 |
| 16.0 | 1103 | 6.0 | | | 0.19 | 1.0 | | 9.8 | 8.9 | 94 | | 0.17 | 16 | | 21.59 | 11.59 | 16.26 |
| 16.0 | 1103 | 7.0 | | | 0.19 | 1.0 | | 9.8 | 8.8 | 93 | | 0.15 | 13 | | 22.05 | 11.63 | 16.62 |
| 16.0 | 1103 | 8.0 | | | 0.18 | 1.0 | | 9.7 | 8.8 | 93 | | 0.16 | 15 | | 22.19 | 11.64 | 16.73 |
| 16.0 | 1103 | 9.0 | | | 0.18 | 0.9 | | 9.7 | 8.8 | 93 | | 0.18 | 20 | | 22.34 | 11.65 | 16.83 |
| 16.0 | 1103 | 10.0 | | | 0.18 | 0.9 | | 9.7 | 8.7 | 93 | | 0.19 | 23 | | 22.82 | 11.69 | 17.20 |
| 16.0 | 1103 | 11.0 | | | 0.18 | 0.9 | | 9.6 | 8.7 | 94 | | 0.19 | 22 | | 23.81 | 11.76 | 17.96 |
| 16.0 | 1103 | 12.0 | | | 0.17 | 0.9 | | 9.6 | 8.7 | 94 | | 0.20 | 25 | | 25.14 | 11.85 | 18.97 |
| 16.0 | 1103 | 13.0 | | | 0.17 | 0.8 | | 9.4 | 8.6 | 94 | | 0.20 | 23 | | 26.55 | 11.98 | 20.04 |
| 16.0 | 1103 | 14.0 | | | 0.16 | 0.7 | | 9.4 | 8.5 | 94 | | 0.18 | 19 | | 27.17 | 12.02 | 20.51 |
| 16.0 | 1103 | 15.0 | | | 0.16 | 0.7 | | 9.3 | 8.5 | 94 | | 0.17 | 17 | | 27.59 | 11.98 | 20.84 |
| 17.0 | 1040 | 1.0 | | | 0.19 | 1.1 | | 10.0 | 9.0 | 91 | | 0.18 | 19 | 2.1 | 16.53 | 11.16 | 12.42 |
| 17.0 | 1040 | 2.0 | | | 0.19 | 1.1 | | 10.1 | 9.1 | 92 | | 0.17 | 18 | | 16.74 | 11.20 | 12.57 |
| 17.0 | 1040 | 3.0 | | | 0.19 | 1.0 | | 10.2 | 9.1 | 94 | | 0.18 | 20 | | 18.38 | 11.32 | 13.82 |

North San Francisco Bay December 8, 1998 98342

| STN | TIME | DEPTH | DISCR CHL a | CHL a/ a+PHA | FLUOR | CALC CHL a | DISCR OXYG | OXYG | CALC OXYG | % OXY SAT | DISCR SPM | OBS | CALC SPM | EXCOF | SALIN | TEMP | SIGT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 17.0 | 1040 | 4.0 | | | 0.18 | 0.9 | | 9.8 | 8.9 | 94 | | 0.18 | 20 | | 22.08 | 11.63 | 16.64 |
| 17.0 | 1040 | 5.0 | | | 0.18 | 0.9 | | 9.7 | 8.7 | 94 | | 0.16 | 14 | | 23.41 | 11.73 | 17.65 |
| 17.0 | 1040 | 6.0 | | | 0.18 | 0.9 | | 9.6 | 8.7 | 93 | | 0.14 | 11 | | 23.78 | 11.76 | 17.93 |
| 17.0 | 1040 | 7.0 | | | 0.18 | 0.9 | | 9.6 | 8.7 | 93 | | 0.13 | 8 | | 23.88 | 11.76 | 18.01 |
| 17.0 | 1040 | 8.0 | | | 0.18 | 0.9 | | 9.6 | 8.7 | 93 | | 0.13 | 7 | | 24.16 | 11.79 | 18.23 |
| 17.0 | 1040 | 9.0 | | | 0.17 | 0.8 | | 9.5 | 8.6 | 94 | | 0.11 | 3 | | 25.05 | 11.86 | 18.90 |
| 17.0 | 1040 | 10.0 | | | 0.16 | 0.7 | | 9.4 | 8.6 | 94 | | 0.10 | 1 | | 26.44 | 11.96 | 19.96 |
| 17.0 | 1040 | 11.0 | | | 0.16 | 0.7 | | 9.4 | 8.5 | 94 | | 0.10 | 1 | | 27.12 | 12.01 | 20.48 |
| 17.0 | 1040 | 12.0 | | | 0.16 | 0.7 | | 9.3 | 8.5 | 93 | | 0.11 | 3 | | 27.37 | 12.03 | 20.67 |
| 18.0 | 1014 | 1.0 | | | 0.17 | 0.7 | | 9.7 | 8.8 | 92 | | 0.11 | 3 | 1.4 | 21.72 | 11.44 | 16.39 |
| 18.0 | 1014 | 2.0 | 1.2 | 0.59 | 0.17 | 0.8 | 8.8 | 9.7 | 8.8 | 93 | 14.8 | 0.10 | 1 | | 22.39 | 11.46 | 16.91 |
| 18.0 | 1014 | 3.0 | | | 0.16 | 0.7 | | 9.6 | 8.7 | 93 | | 0.10 | 1 | | 23.37 | 11.52 | 17.66 |
| 18.0 | 1014 | 4.0 | | | 0.16 | 0.7 | | 9.6 | 8.7 | 93 | | 0.09 | 1 | | 23.54 | 11.54 | 17.78 |
| 18.0 | 1014 | 5.0 | | | 0.16 | 0.7 | | 9.7 | 8.7 | 94 | | 0.08 | 1 | | 23.88 | 11.60 | 18.03 |
| 18.0 | 1014 | 6.0 | | | 0.16 | 0.7 | | 9.5 | 8.6 | 93 | | 0.08 | 1 | | 24.88 | 11.75 | 18.79 |
| 18.0 | 1014 | 7.0 | | | 0.16 | 0.6 | | 9.5 | 8.6 | 93 | | 0.09 | 1 | | 25.13 | 11.78 | 18.98 |
| 18.0 | 1014 | 8.0 | | | 0.16 | 0.6 | | 9.5 | 8.6 | 93 | | 0.09 | 1 | | 25.16 | 11.78 | 19.00 |
| 18.0 | 1014 | 9.0 | | | 0.16 | 0.7 | | 9.4 | 8.6 | 93 | | 0.09 | 1 | | 25.16 | 11.78 | 19.00 |
| 18.0 | 1014 | 10.0 | | | 0.17 | 0.7 | | 9.4 | 8.6 | 93 | | 0.09 | 1 | | 25.17 | 11.79 | 19.00 |
| 18.0 | 1014 | 11.0 | | | 0.17 | 0.8 | | 9.4 | 8.6 | 93 | | 0.09 | 1 | | 25.17 | 11.79 | 19.00 |
| 18.0 | 1014 | 12.0 | | | 0.17 | 0.8 | | 9.4 | 8.6 | 93 | | 0.09 | 1 | | 25.18 | 11.79 | 19.01 |
| 18.0 | 1014 | 13.0 | | | 0.17 | 0.8 | | 9.4 | 8.5 | 93 | | 0.09 | 1 | | 25.23 | 11.80 | 19.05 |
| 18.0 | 1014 | 14.0 | | | 0.16 | 0.7 | | 9.4 | 8.6 | 93 | | 0.09 | 1 | | 25.24 | 11.80 | 19.06 |
| 18.0 | 1014 | 15.0 | | | 0.17 | 0.7 | | 9.4 | 8.5 | 93 | | 0.09 | 1 | | 25.28 | 11.80 | 19.09 |
| 18.0 | 1014 | 16.0 | | | 0.17 | 0.8 | | 9.4 | 8.5 | 93 | | 0.09 | 1 | | 25.42 | 11.82 | 19.20 |
| 18.0 | 1014 | 17.0 | | | 0.17 | 0.8 | | 9.4 | 8.5 | 93 | | 0.09 | 1 | | 25.70 | 11.85 | 19.40 |
| 18.0 | 1014 | 18.0 | | | 0.18 | 0.9 | | 9.4 | 8.5 | 93 | | 0.09 | 1 | | 26.11 | 11.88 | 19.72 |
| 18.0 | 1014 | 19.0 | | | 0.18 | 0.9 | | 9.3 | 8.5 | 93 | | 0.09 | 1 | | 26.55 | 11.90 | 20.05 |
| 18.0 | 1014 | 20.0 | | | 0.17 | 0.8 | | 9.3 | 8.5 | 93 | | 0.09 | 1 | | 26.69 | 11.91 | 20.16 |
| 18.0 | 1014 | 21.0 | | | 0.16 | 0.7 | | 9.3 | 8.5 | 93 | | 0.09 | 1 | | 26.82 | 11.92 | 20.25 |
| 18.0 | 1014 | 22.0 | | | 0.16 | 0.7 | | 9.3 | 8.5 | 93 | | 0.09 | 1 | | 26.97 | 11.94 | 20.37 |
| 18.0 | 1014 | 23.0 | | | 0.16 | 0.7 | | 9.4 | 8.5 | 94 | | 0.09 | 1 | | 27.34 | 11.97 | 20.65 |
| 18.0 | 1014 | 24.0 | | | 0.17 | 0.8 | | 9.3 | 8.4 | 94 | | 0.10 | 1 | | 28.52 | 12.09 | 21.55 |
| 18.0 | 1014 | 25.0 | | | 0.17 | 0.8 | | 9.2 | 8.4 | 94 | | 0.12 | 5 | | 28.88 | 12.13 | 21.82 |
| 18.0 | 1014 | 26.0 | | | 0.18 | 0.9 | | 9.2 | 8.4 | 93 | | 0.13 | 7 | | 28.99 | 12.14 | 21.90 |
| 18.0 | 1014 | 27.0 | | | 0.17 | 0.8 | | 9.2 | 8.3 | 93 | | 0.14 | 11 | | 29.04 | 12.14 | 21.94 |
| 18.0 | 1014 | 28.0 | | | 0.17 | 0.8 | | 9.1 | 8.3 | 93 | | 0.15 | 11 | | 29.04 | 12.14 | 21.94 |
| 18.0 | 1014 | 29.0 | | | 0.17 | 0.8 | | 9.1 | 8.3 | 93 | | 0.14 | 11 | | 29.12 | 12.15 | 22.00 |
| 18.0 | 1014 | 30.0 | | | 0.17 | 0.9 | | 9.1 | 8.3 | 93 | | 0.15 | 12 | | 29.13 | 12.15 | 22.00 |
| 18.0 | 1014 | 31.0 | | | 0.18 | 0.9 | | 9.1 | 8.3 | 93 | | 0.15 | 12 | | 29.20 | 12.16 | 22.06 |
| 18.0 | 1014 | 32.0 | | | 0.17 | 0.8 | | 9.1 | 8.3 | 93 | | 0.14 | 11 | | 29.23 | 12.16 | 22.08 |
| 18.0 | 1014 | 33.0 | | | 0.17 | 0.8 | | 9.1 | 8.3 | 93 | | 0.14 | 11 | | 29.25 | 12.16 | 22.10 |

North San Francisco Bay December 8, 1998 98342

| 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 | 1014 | 34.0 | | | 0.18 | 0.9 | | 9.1 | 8.3 | 93 | | 0.14 | 11 | | 29.32 | 12.17 | 22.15 |
| 18.0 | 1014 | 35.0 | | | 0.18 | 0.9 | | 9.1 | 8.3 | 93 | | 0.14 | 10 | | 29.34 | 12.17 | 22.17 |
| 18.0 | 1014 | 36.0 | | | 0.18 | 0.9 | | 9.1 | 8.3 | 93 | | 0.14 | 11 | | 29.38 | 12.18 | 22.19 |
| 18.0 | 1014 | 37.0 | | | 0.18 | 1.0 | | 9.1 | 8.3 | 93 | | 0.18 | 20 | | 29.44 | 12.18 | 22.24 |
| 18.0 | 1014 | 38.0 | | | 0.20 | 1.2 | | 9.1 | 8.3 | 93 | | 0.27 | 42 | | 29.50 | 12.19 | 22.28 |
| 18.0 | 1014 | 39.0 | 1.3 | 0.61 | 0.21 | 1.2 | | 9.1 | 8.3 | 93 | | 0.34 | 58 | | 29.52 | 12.19 | 22.30 |
| 20.0 | 0956 | 1.0 | | | 0.19 | 1.0 | | 9.6 | 8.7 | 93 | | 0.08 | 1 | 1.1 | 23.48 | 11.61 | 17.72 |
| 20.0 | 0956 | 2.0 | | | 0.18 | 0.9 | | 9.7 | 8.7 | 93 | | 0.08 | 1 | | 23.50 | 11.61 | 17.74 |
| 20.0 | 0956 | 3.0 | | | 0.17 | 0.9 | | 9.6 | 8.7 | 93 | | 0.08 | 1 | | 23.56 | 11.63 | 17.78 |
| 20.0 | 0956 | 4.0 | | | 0.17 | 0.8 | | 9.6 | 8.7 | 93 | | 0.08 | 1 | | 23.70 | 11.67 | 17.89 |
| 20.0 | 0956 | 5.0 | | | 0.17 | 0.8 | | 9.6 | 8.7 | 93 | | 0.08 | 1 | | 23.84 | 11.70 | 17.99 |
| 20.0 | 0956 | 6.0 | | | 0.17 | 0.9 | | 9.6 | 8.7 | 93 | | 0.08 | 1 | | 24.30 | 11.77 | 18.33 |
| 20.0 | 0956 | 7.0 | | | 0.17 | 0.8 | | 9.5 | 8.6 | 93 | | 0.09 | 1 | | 24.63 | 11.82 | 18.58 |
| 20.0 | 0956 | 8.0 | | | 0.17 | 0.8 | | 9.5 | 8.6 | 93 | | 0.09 | 1 | | 24.96 | 11.85 | 18.83 |
| 20.0 | 0956 | 9.0 | | | 0.17 | 0.7 | | 9.5 | 8.6 | 93 | | 0.10 | 2 | | 25.07 | 11.86 | 18.92 |
| 20.0 | 0956 | 10.0 | | | 0.17 | 0.7 | | 9.5 | 8.6 | 93 | | 0.11 | 2 | | 25.17 | 11.87 | 18.99 |
| 20.0 | 0956 | 11.0 | | | 0.17 | 0.8 | | 9.4 | 8.6 | 93 | | 0.11 | 3 | | 25.27 | 11.88 | 19.07 |
| 20.0 | 0956 | 12.0 | | | 0.17 | 0.8 | | 9.4 | 8.6 | 93 | | 0.12 | 5 | | 25.44 | 11.90 | 19.19 |
| 20.0 | 0956 | 13.0 | | | 0.17 | 0.8 | | 9.4 | 8.6 | 93 | | 0.12 | 6 | | 25.59 | 11.91 | 19.31 |
| 20.0 | 0956 | 14.0 | | | 0.17 | 0.8 | | 9.4 | 8.6 | 93 | | 0.13 | 7 | | 25.84 | 11.93 | 19.50 |
| 20.0 | 0956 | 15.0 | | | 0.17 | 0.8 | | 9.4 | 8.5 | 93 | | 0.13 | 9 | | 26.16 | 11.96 | 19.74 |
| 20.0 | 0956 | 16.0 | | | 0.17 | 0.8 | | 9.4 | 8.5 | 93 | | 0.13 | 7 | | 26.28 | 11.97 | 19.84 |
| 20.0 | 0956 | 17.0 | | | 0.18 | 0.9 | | 9.4 | 8.5 | 93 | | 0.12 | 6 | | 26.58 | 11.99 | 20.06 |
| 20.0 | 0956 | 18.0 | | | 0.17 | 0.9 | | 9.3 | 8.5 | 94 | | 0.12 | 6 | | 26.94 | 12.01 | 20.34 |
| 20.0 | 0956 | 19.0 | | | 0.17 | 0.8 | | 9.3 | 8.5 | 93 | | 0.12 | 5 | | 27.11 | 12.02 | 20.47 |
| 20.0 | 0956 | 20.0 | | | 0.17 | 0.8 | | 9.3 | 8.5 | 94 | | 0.12 | 6 | | 27.17 | 12.03 | 20.51 |
| 20.0 | 0956 | 21.0 | | | 0.17 | 0.8 | | 9.3 | 8.5 | 93 | | 0.13 | 7 | | 27.20 | 12.03 | 20.53 |
| 20.0 | 0956 | 22.0 | | | 0.17 | 0.8 | | 9.3 | 8.5 | 93 | | 0.13 | 7 | | 27.23 | 12.03 | 20.56 |
| 20.0 | 0956 | 23.0 | | | 0.18 | 0.9 | | 9.3 | 8.5 | 93 | | 0.13 | 7 | | 27.26 | 12.03 | 20.58 |
| 20.0 | 0956 | 24.0 | | | 0.18 | 0.9 | | 9.3 | 8.5 | 93 | | 0.13 | 8 | | 27.28 | 12.03 | 20.60 |

| | n | r^2 | Slope | Inter. | Std. Err. |
|---|---|---|---|---|---|
| Fluorometer Calibration: | 15 | 0.866 | 12.680 | -1.362 | 0.424 |
| OBS Calibration: | 8 | 0.963 | 235.313 | -22.865 | 9.902 |
| Dissolved Oxygen Calibration: | 8 | 0.991 | 0.780 | 1.210 | 0.056 |

SeaBird v4.026

South San Francisco Bay December 8, 1998 98342

| 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 | 0628 | 1.0 | | | 0.30 | 2.3 | | 9.3 | 8.2 | 86 | | 0.29 | 44 | | 24.33 | 10.53 | 18.56 |
| 36.0 | 0628 | 2.0 | 2.5 | 0.55 | 0.30 | 2.3 | 8.3 | 9.2 | 8.1 | 86 | 44.4 | 0.29 | 44 | | 24.62 | 10.69 | 18.76 |
| 36.0 | 0628 | 3.0 | | | 0.30 | 2.3 | | 9.2 | 8.1 | 86 | | 0.31 | 46 | | 24.73 | 10.74 | 18.83 |
| 36.0 | 0628 | 4.0 | | | 0.31 | 2.3 | | 9.2 | 8.1 | 86 | | 0.33 | 49 | | 24.82 | 10.80 | 18.89 |
| 36.0 | 0628 | 5.0 | | | 0.31 | 2.3 | | 9.1 | 8.0 | 85 | | 0.34 | 52 | | 24.88 | 10.82 | 18.94 |
| 36.0 | 0628 | 6.0 | 3.0 | 0.50 | 0.31 | 2.3 | | 9.1 | 8.0 | 85 | | 0.35 | 53 | | 24.88 | 10.82 | 18.94 |
| 34.0 | 0646 | 1.0 | | | 0.29 | 2.2 | | 9.3 | 8.2 | 87 | | 0.24 | 35 | | 25.24 | 10.84 | 19.22 |
| 34.0 | 0646 | 2.0 | | | 0.29 | 2.2 | | 9.3 | 8.2 | 87 | | 0.24 | 36 | | 25.25 | 10.83 | 19.23 |
| 34.0 | 0646 | 3.0 | | | 0.30 | 2.2 | | 9.3 | 8.2 | 87 | | 0.25 | 37 | | 25.26 | 10.83 | 19.23 |
| 34.0 | 0646 | 4.0 | | | 0.30 | 2.2 | | 9.3 | 8.2 | 87 | | 0.25 | 37 | | 25.26 | 10.82 | 19.23 |
| 34.0 | 0646 | 5.0 | | | 0.29 | 2.2 | | 9.3 | 8.2 | 87 | | 0.25 | 36 | | 25.25 | 10.82 | 19.23 |
| 34.0 | 0646 | 6.0 | | | 0.29 | 2.2 | | 9.3 | 8.2 | 87 | | 0.25 | 37 | | 25.24 | 10.82 | 19.22 |
| 32.0 | 0703 | 3.0 | 2.4 | 0.46 | 0.29 | 2.2 | 8.3 | 9.3 | 8.2 | 88 | 54.5 | 0.37 | 55 | | 25.85 | 11.12 | 19.65 |
| 32.0 | 0703 | 4.0 | | | 0.29 | 2.2 | | 9.3 | 8.2 | 88 | | 0.37 | 56 | | 25.92 | 11.17 | 19.69 |
| 32.0 | 0703 | 5.0 | | | 0.28 | 2.1 | | 9.3 | 8.2 | 89 | | 0.36 | 54 | | 26.00 | 11.22 | 19.74 |
| 32.0 | 0703 | 6.0 | | | 0.27 | 2.1 | | 9.3 | 8.2 | 89 | | 0.34 | 50 | | 26.07 | 11.27 | 19.79 |
| 32.0 | 0703 | 7.0 | | | 0.26 | 2.1 | | 9.3 | 8.2 | 89 | | 0.32 | 47 | | 26.13 | 11.30 | 19.83 |
| 32.0 | 0703 | 8.0 | | | 0.26 | 2.1 | | 9.3 | 8.2 | 89 | | 0.31 | 47 | | 26.16 | 11.32 | 19.85 |
| 32.0 | 0703 | 9.0 | | | 0.27 | 2.1 | | 9.3 | 8.2 | 88 | | 0.34 | 50 | | 26.17 | 11.34 | 19.86 |
| 32.0 | 0703 | 10.0 | | | 0.28 | 2.2 | | 9.3 | 8.2 | 88 | | 0.37 | 55 | | 26.18 | 11.34 | 19.86 |
| 32.0 | 0703 | 11.0 | | | 0.29 | 2.2 | | 9.3 | 8.2 | 88 | | 0.44 | 66 | | 26.18 | 11.35 | 19.86 |
| 32.0 | 0703 | 12.0 | 2.0 | 0.31 | 0.29 | 2.2 | | 9.2 | 8.1 | 88 | | 0.56 | 85 | | 26.19 | 11.35 | 19.87 |
| 30.0 | 0727 | 1.0 | | | 0.21 | 1.8 | | 9.2 | 8.1 | 88 | | 0.17 | 24 | | 26.53 | 11.54 | 20.10 |
| 30.0 | 0727 | 2.0 | 2.0 | 0.52 | 0.21 | 1.8 | 7.9 | 9.2 | 8.1 | 88 | 23.9 | 0.16 | 23 | | 26.53 | 11.56 | 20.10 |
| 30.0 | 0727 | 3.0 | | | 0.21 | 1.8 | | 9.2 | 8.1 | 88 | | 0.17 | 24 | | 26.53 | 11.57 | 20.10 |
| 30.0 | 0727 | 4.0 | | | 0.21 | 1.8 | | 9.2 | 8.1 | 88 | | 0.19 | 28 | | 26.53 | 11.57 | 20.10 |
| 30.0 | 0727 | 5.0 | | | 0.22 | 1.9 | | 9.2 | 8.1 | 88 | | 0.21 | 31 | | 26.54 | 11.57 | 20.10 |
| 30.0 | 0727 | 6.0 | | | 0.22 | 1.9 | | 9.2 | 8.1 | 88 | | 0.23 | 34 | | 26.54 | 11.57 | 20.10 |
| 30.0 | 0727 | 7.0 | | | 0.22 | 1.9 | | 9.2 | 8.1 | 88 | | 0.24 | 36 | | 26.54 | 11.56 | 20.10 |
| 30.0 | 0727 | 8.0 | | | 0.23 | 1.9 | | 9.2 | 8.1 | 88 | | 0.23 | 35 | | 26.54 | 11.56 | 20.10 |
| 30.0 | 0727 | 9.0 | | | 0.24 | 2.0 | | 9.2 | 8.1 | 88 | | 0.26 | 38 | | 26.54 | 11.57 | 20.10 |
| 30.0 | 0727 | 10.0 | | | 0.25 | 2.0 | | 9.2 | 8.1 | 88 | | 0.33 | 50 | | 26.54 | 11.58 | 20.10 |
| 30.0 | 0727 | 11.0 | | | 0.25 | 2.0 | | 9.2 | 8.1 | 88 | | 0.39 | 59 | | 26.54 | 11.59 | 20.10 |
| 30.0 | 0727 | 12.0 | | | 0.26 | 2.1 | | 9.2 | 8.1 | 88 | | 0.44 | 67 | | 26.54 | 11.59 | 20.10 |
| 30.0 | 0727 | 13.0 | | | 0.28 | 2.1 | | 9.2 | 8.1 | 88 | | 0.50 | 77 | | 26.54 | 11.60 | 20.10 |
| 30.0 | 0727 | 14.0 | 1.9 | 0.21 | 0.28 | 2.1 | | 9.2 | 8.1 | 88 | | 0.67 | 102 | | 26.54 | 11.61 | 20.10 |
| 29.0 | 0747 | 1.0 | | | 0.23 | 1.9 | | 9.4 | 8.4 | 90 | | 0.20 | 29 | 2.2 | 26.17 | 11.06 | 19.90 |
| 29.0 | 0747 | 2.0 | | | 0.22 | 1.9 | | 9.5 | 8.4 | 91 | | 0.20 | 30 | | 26.36 | 11.32 | 20.01 |
| 29.0 | 0747 | 3.0 | | | 0.21 | 1.8 | | 9.3 | 8.3 | 90 | | 0.19 | 28 | | 26.52 | 11.51 | 20.10 |

South San Francisco Bay December 8, 1998 98342

| 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 | 0747 | 4.0 | | | 0.21 | 1.8 | | 9.3 | 8.3 | 90 | | 0.17 | 25 | | 26.55 | 11.52 | 20.12 |
| 29.0 | 0747 | 5.0 | | | 0.22 | 1.9 | | 9.3 | 8.2 | 89 | | 0.17 | 25 | | 26.57 | 11.54 | 20.13 |
| 29.0 | 0747 | 6.0 | | | 0.23 | 1.9 | | 9.3 | 8.2 | 89 | | 0.18 | 26 | | 26.58 | 11.55 | 20.14 |
| 29.0 | 0747 | 7.0 | | | 0.23 | 1.9 | | 9.3 | 8.2 | 89 | | 0.19 | 27 | | 26.59 | 11.56 | 20.15 |
| 29.0 | 0747 | 8.0 | | | 0.23 | 1.9 | | 9.3 | 8.2 | 90 | | 0.20 | 29 | | 26.60 | 11.57 | 20.15 |
| 29.0 | 0747 | 9.0 | | | 0.24 | 2.0 | | 9.3 | 8.2 | 89 | | 0.24 | 36 | | 26.63 | 11.59 | 20.17 |
| 29.0 | 0747 | 10.0 | | | 0.24 | 2.0 | | 9.3 | 8.2 | 89 | | 0.30 | 45 | | 26.63 | 11.59 | 20.17 |
| 29.0 | 0747 | 11.0 | | | 0.25 | 2.0 | | 9.3 | 8.2 | 89 | | 0.34 | 51 | | 26.64 | 11.60 | 20.17 |
| 29.0 | 0747 | 12.0 | | | 0.26 | 2.0 | | 9.3 | 8.2 | 89 | | 0.40 | 61 | | 26.64 | 11.60 | 20.17 |
| 29.0 | 0747 | 13.0 | | | 0.26 | 2.0 | | 9.3 | 8.2 | 89 | | 0.43 | 64 | | 26.64 | 11.61 | 20.17 |
| 29.0 | 0747 | 14.0 | | | 0.26 | 2.0 | | 9.3 | 8.2 | 89 | | 0.45 | 68 | | 26.64 | 11.61 | 20.18 |
| 29.0 | 0747 | 15.0 | | | 0.26 | 2.0 | | 9.3 | 8.2 | 89 | | 0.47 | 71 | | 26.65 | 11.61 | 20.18 |
| 27.0 | 0810 | 1.0 | | | 0.22 | 1.8 | | 9.2 | 8.1 | 89 | | 0.10 | 13 | 1.3 | 26.10 | 11.78 | 19.72 |
| 27.0 | 0810 | 2.0 | 2.0 | 0.66 | 0.21 | 1.8 | 7.9 | 9.2 | 8.1 | 89 | 14.0 | 0.10 | 13 | | 26.13 | 11.79 | 19.75 |
| 27.0 | 0810 | 3.0 | | | 0.21 | 1.8 | | 9.2 | 8.1 | 88 | | 0.10 | 14 | | 26.17 | 11.79 | 19.78 |
| 27.0 | 0810 | 4.0 | | | 0.21 | 1.8 | | 9.2 | 8.1 | 88 | | 0.11 | 15 | | 26.29 | 11.78 | 19.87 |
| 27.0 | 0810 | 5.0 | | | 0.23 | 1.9 | | 9.2 | 8.1 | 88 | | 0.13 | 18 | | 26.40 | 11.76 | 19.96 |
| 27.0 | 0810 | 6.0 | | | 0.25 | 2.0 | | 9.2 | 8.1 | 88 | | 0.14 | 20 | | 26.45 | 11.74 | 20.00 |
| 27.0 | 0810 | 7.0 | | | 0.24 | 1.9 | | 9.2 | 8.1 | 88 | | 0.15 | 21 | | 26.68 | 11.70 | 20.19 |
| 27.0 | 0810 | 8.0 | | | 0.24 | 1.9 | | 9.2 | 8.1 | 88 | | 0.23 | 34 | | 26.72 | 11.68 | 20.22 |
| 27.0 | 0810 | 9.0 | | | 0.24 | 2.0 | | 9.2 | 8.1 | 88 | | 0.29 | 44 | | 26.72 | 11.67 | 20.23 |
| 27.0 | 0810 | 10.0 | | | 0.25 | 2.0 | | 9.2 | 8.1 | 88 | | 0.35 | 53 | | 26.73 | 11.67 | 20.23 |
| 27.0 | 0810 | 11.0 | | | 0.26 | 2.0 | | 9.2 | 8.1 | 89 | | 0.41 | 62 | | 26.73 | 11.67 | 20.23 |
| 27.0 | 0810 | 12.0 | 1.8 | 0.33 | 0.26 | 2.0 | | 9.2 | 8.1 | 89 | | 0.46 | 69 | | 26.73 | 11.66 | 20.23 |
| 25.0 | 0838 | 1.0 | | | 0.23 | 1.9 | | 9.3 | 8.2 | 89 | | 0.16 | 23 | 1.9 | 25.69 | 11.81 | 19.41 |
| 25.0 | 0838 | 2.0 | | | 0.22 | 1.9 | | 9.3 | 8.2 | 89 | | 0.18 | 26 | | 25.70 | 11.81 | 19.41 |
| 25.0 | 0838 | 3.0 | | | 0.22 | 1.8 | | 9.3 | 8.2 | 89 | | 0.19 | 27 | | 25.70 | 11.81 | 19.41 |
| 25.0 | 0838 | 4.0 | | | 0.21 | 1.8 | | 9.3 | 8.2 | 90 | | 0.19 | 28 | | 25.70 | 11.82 | 19.41 |
| 25.0 | 0838 | 5.0 | | | 0.21 | 1.8 | | 9.3 | 8.2 | 90 | | 0.21 | 31 | | 25.71 | 11.84 | 19.42 |
| 25.0 | 0838 | 6.0 | | | 0.22 | 1.8 | | 9.3 | 8.2 | 89 | | 0.22 | 33 | | 25.72 | 11.84 | 19.42 |
| 25.0 | 0838 | 7.0 | | | 0.22 | 1.9 | | 9.3 | 8.2 | 89 | | 0.24 | 35 | | 25.72 | 11.84 | 19.42 |
| 25.0 | 0838 | 8.0 | | | 0.24 | 2.0 | | 9.3 | 8.2 | 89 | | 0.24 | 36 | | 25.72 | 11.84 | 19.42 |
| 25.0 | 0838 | 9.0 | | | 0.24 | 2.0 | | 9.3 | 8.2 | 90 | | 0.26 | 39 | | 25.72 | 11.84 | 19.42 |
| 24.0 | 0853 | 1.0 | | | 0.20 | 1.8 | | 9.4 | 8.3 | 89 | | 0.08 | 11 | 1.2 | 24.66 | 11.70 | 18.63 |
| 24.0 | 0853 | 2.0 | 1.9 | 0.68 | 0.20 | 1.7 | 8.5 | 9.3 | 8.2 | 89 | 10.7 | 0.09 | 12 | | 24.88 | 11.81 | 18.78 |
| 24.0 | 0853 | 3.0 | | | 0.19 | 1.7 | | 9.3 | 8.2 | 89 | | 0.13 | 19 | | 24.95 | 11.82 | 18.83 |
| 24.0 | 0853 | 4.0 | | | 0.19 | 1.7 | | 9.3 | 8.2 | 89 | | 0.17 | 24 | | 24.97 | 11.83 | 18.84 |
| 24.0 | 0853 | 5.0 | | | 0.19 | 1.7 | | 9.3 | 8.2 | 89 | | 0.18 | 26 | | 24.98 | 11.83 | 18.85 |
| 24.0 | 0853 | 6.0 | | | 0.19 | 1.7 | | 9.3 | 8.2 | 88 | | 0.19 | 28 | | 24.99 | 11.83 | 18.86 |
| 24.0 | 0853 | 7.0 | | | 0.19 | 1.7 | | 9.3 | 8.2 | 89 | | 0.20 | 30 | | 24.99 | 11.83 | 18.86 |

South San Francisco Bay December 8, 1998 98342

| 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 | 0853 | 8.0 | | | 0.19 | 1.7 | | 9.3 | 8.2 | 89 | | 0.20 | 30 | | 24.99 | 11.83 | 18.86 |
| 24.0 | 0853 | 9.0 | | | 0.19 | 1.7 | | 9.3 | 8.2 | 89 | | 0.20 | 29 | | 24.99 | 11.83 | 18.86 |
| 24.0 | 0853 | 10.0 | 1.6 | 0.42 | 0.19 | 1.7 | | 9.3 | 8.2 | 89 | | 0.20 | 29 | | 24.98 | 11.83 | 18.85 |
| 22.0 | 0920 | 1.0 | | | 0.18 | 1.7 | | 9.5 | 8.5 | 91 | | 0.09 | 11 | 1.2 | 23.14 | 11.59 | 17.47 |
| 22.0 | 0920 | 2.0 | | | 0.18 | 1.7 | | 9.6 | 8.6 | 92 | | 0.09 | 12 | | 23.17 | 11.60 | 17.49 |
| 22.0 | 0920 | 3.0 | | | 0.17 | 1.6 | | 9.6 | 8.5 | 91 | | 0.09 | 12 | | 23.65 | 11.67 | 17.85 |
| 22.0 | 0920 | 4.0 | | | 0.17 | 1.6 | | 9.5 | 8.5 | 91 | | 0.09 | 12 | | 23.92 | 11.69 | 18.06 |
| 22.0 | 0920 | 5.0 | | | 0.17 | 1.6 | | 9.5 | 8.5 | 91 | | 0.09 | 13 | | 24.20 | 11.76 | 18.26 |
| 22.0 | 0920 | 6.0 | | | 0.18 | 1.7 | | 9.5 | 8.4 | 91 | | 0.10 | 14 | | 24.48 | 11.77 | 18.47 |
| 22.0 | 0920 | 7.0 | | | 0.19 | 1.7 | | 9.4 | 8.4 | 90 | | 0.12 | 17 | | 24.56 | 11.77 | 18.54 |
| 22.0 | 0920 | 8.0 | | | 0.20 | 1.8 | | 9.4 | 8.3 | 90 | | 0.16 | 23 | | 24.60 | 11.77 | 18.57 |
| 22.0 | 0920 | 9.0 | | | 0.21 | 1.8 | | 9.4 | 8.4 | 90 | | 0.23 | 34 | | 24.62 | 11.78 | 18.58 |
| 22.0 | 0920 | 10.0 | | | 0.23 | 1.9 | | 9.4 | 8.3 | 90 | | 0.31 | 46 | | 24.64 | 11.78 | 18.59 |
| 22.0 | 0920 | 11.0 | | | 0.24 | 2.0 | | 9.4 | 8.3 | 90 | | 0.39 | 58 | | 24.66 | 11.80 | 18.61 |
| 22.0 | 0920 | 12.0 | | | 0.25 | 2.0 | | 9.4 | 8.3 | 90 | | 0.45 | 68 | | 24.69 | 11.81 | 18.63 |
| 22.0 | 0920 | 13.0 | | | 0.26 | 2.1 | | 9.4 | 8.3 | 90 | | 0.57 | 86 | | 24.73 | 11.82 | 18.66 |
| 22.0 | 0920 | 14.0 | | | 0.27 | 2.1 | | 9.4 | 8.3 | 90 | | 0.63 | 96 | | 24.76 | 11.83 | 18.68 |
| 22.0 | 0920 | 15.0 | | | 0.27 | 2.1 | | 9.4 | 8.3 | 90 | | 0.72 | 110 | | 24.83 | 11.84 | 18.73 |
| 22.0 | 0920 | 16.0 | | | 0.28 | 2.2 | | 9.4 | 8.3 | 90 | | 0.76 | 117 | | 25.02 | 11.86 | 18.87 |
| 22.0 | 0920 | 17.0 | | | 0.28 | 2.1 | | 9.4 | 8.3 | 90 | | 0.81 | 124 | | 25.34 | 11.90 | 19.12 |
| 22.0 | 0920 | 18.0 | | | 0.25 | 2.0 | | 9.4 | 8.3 | 90 | | 0.84 | 129 | | 25.90 | 11.94 | 19.55 |
| 22.0 | 0920 | 19.0 | | | 0.24 | 2.0 | | 9.3 | 8.2 | 90 | | 0.82 | 126 | | 26.59 | 11.99 | 20.07 |
| 21.0 | 0935 | 1.0 | | | 0.20 | 1.7 | | 9.5 | 8.4 | 90 | | 0.08 | 11 | 1.2 | 23.93 | 11.52 | 18.09 |
| 21.0 | 0935 | 2.0 | 1.6 | 0.73 | 0.20 | 1.8 | 8.4 | 9.5 | 8.5 | 90 | 10.7 | 0.08 | 11 | | 23.92 | 11.52 | 18.09 |
| 21.0 | 0935 | 3.0 | | | 0.20 | 1.7 | | 9.5 | 8.5 | 90 | | 0.08 | 10 | | 23.92 | 11.52 | 18.08 |
| 21.0 | 0935 | 4.0 | | | 0.19 | 1.7 | | 9.5 | 8.5 | 90 | | 0.08 | 10 | | 23.92 | 11.52 | 18.08 |
| 21.0 | 0935 | 5.0 | | | 0.18 | 1.7 | | 9.5 | 8.5 | 91 | | 0.08 | 10 | | 23.99 | 11.53 | 18.14 |
| 21.0 | 0935 | 6.0 | | | 0.18 | 1.7 | | 9.5 | 8.4 | 91 | | 0.08 | 11 | | 24.29 | 11.61 | 18.35 |
| 21.0 | 0935 | 7.0 | | | 0.19 | 1.7 | | 9.5 | 8.4 | 91 | | 0.10 | 13 | | 24.38 | 11.64 | 18.41 |
| 21.0 | 0935 | 8.0 | | | 0.20 | 1.8 | | 9.5 | 8.4 | 91 | | 0.15 | 21 | | 24.51 | 11.69 | 18.51 |
| 21.0 | 0935 | 9.0 | | | 0.22 | 1.9 | | 9.4 | 8.4 | 91 | | 0.22 | 32 | | 24.65 | 11.76 | 18.61 |
| 21.0 | 0935 | 10.0 | | | 0.24 | 1.9 | | 9.4 | 8.4 | 90 | | 0.33 | 49 | | 24.80 | 11.81 | 18.72 |
| 21.0 | 0935 | 11.0 | | | 0.25 | 2.0 | | 9.4 | 8.3 | 90 | | 0.44 | 66 | | 24.92 | 11.84 | 18.80 |
| 21.0 | 0935 | 12.0 | | | 0.26 | 2.0 | | 9.4 | 8.3 | 90 | | 0.57 | 87 | | 24.94 | 11.84 | 18.82 |
| 21.0 | 0935 | 13.0 | | | 0.28 | 2.1 | | 9.4 | 8.3 | 90 | | 0.67 | 102 | | 24.97 | 11.85 | 18.84 |
| 21.0 | 0935 | 14.0 | | | 0.29 | 2.2 | | 9.4 | 8.3 | 90 | | 0.79 | 121 | | 25.00 | 11.85 | 18.86 |
| 21.0 | 0935 | 15.0 | | | 0.29 | 2.2 | | 9.3 | 8.3 | 90 | | 0.88 | 135 | | 25.17 | 11.87 | 18.99 |
| 21.0 | 0935 | 16.0 | | | 0.31 | 2.3 | | 9.3 | 8.3 | 90 | | 0.87 | 134 | | 25.24 | 11.87 | 19.04 |
| 21.0 | 0935 | 17.0 | 1.7 | 0.24 | 0.31 | 2.3 | | 9.3 | 8.2 | 90 | | 0.94 | 145 | | 25.22 | 11.88 | 19.03 |

South San Francisco Bay December 8, 1998 98342

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| | n | r^2 | Slope | Inter. | Std. Err. |
|---|---|---|---|---|---|
| Fluorometer Calibration: | 12 | 0.336 | 4.843 | 0.792 | 0.348 |
| OBS Calibration: | 6 | 0.998 | 155.649 | -1.927 | 0.886 |
| Dissolved Oxygen Calibration: | 6 | 0.298 | 1.257 | -3.477 | 0.221 |

SeaBird v4.026