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

REGIONAL MONITORING PROGRAM RESULTS, 1996

By Jelriza I. Baylosis, Jody L. Edmunds, Brian E. Cole and James E. Cloern

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CONVERSION FACTORS

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

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

$$°F = 1.8\ (°C) + 32$$

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ABSTRACT

As part of a regional monitoring program, water samples were collected in the San Francisco Bay estuary during 21 cruises from January through December 1996. 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 1996.

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 1996 results. An interpretive analysis, based on these data, will be published in the 1996 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 February, March, April and May 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 0.5 meters per second to within 1 meter of the bottom. Signals from the conductivity, temperature, pressure, fluorescence, oxygen, OBS, and light sensors were digitized in the underwater unit (SBE-9) at 24 scans per second, resulting in a vertical sampling interval of about 2 cm. The data were transmitted to a deck unit through a single-conductor armored cable, displayed and stored on a shipboard computer. To conserve space in this report, the data presented in Appendix A are centered averages of about 50 data points collected over each 1-meter depth interval. For example, the one-meter values listed in Appendix A are averages of all measurements made between depths of 0.5 and 1.5 meters.

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

December 1995 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 running averages of the measured values in order to smooth the variability associated with this mismatch of sampling frequencies. Hence, the vertical resolution of chlorophyll a fluorescence reported here was about 3 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 Granéli and Granéli (1991). Potassium iodate standardization of the sodium thiosulfate was conducted under identical procedures to eliminate problems associated with iodine volatilization (Knapp and others, 1991). The average standard sodium thiosulfate normality for 1996, 0.00979 N, was used to calculate discrete dissolved oxygen concentrations for samples collected between February 1 and April 18. Otherwise, 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.

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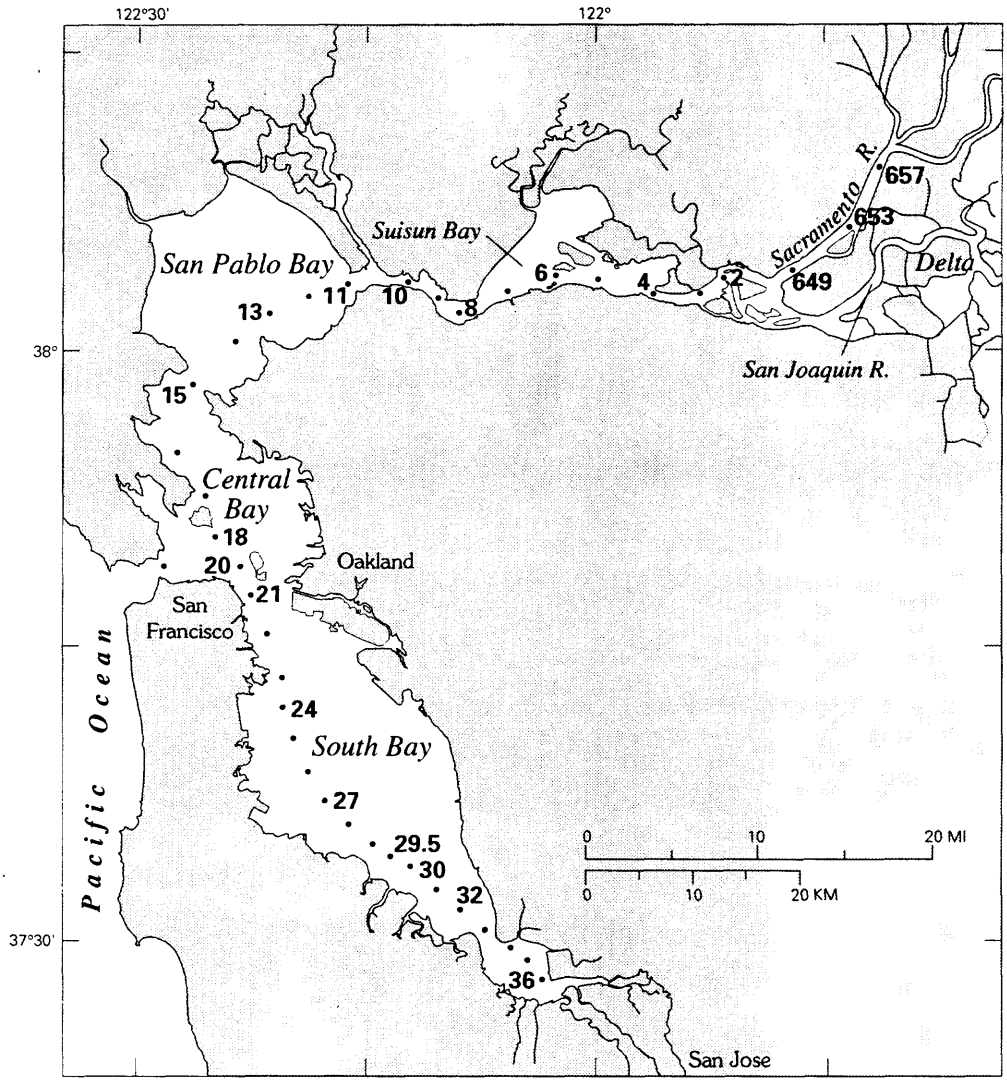

Figure 1 - Map of San Francisco Bay estuary showing locations of water sampling stations

(See table 1 for identification of stations)

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

Station Number	General Location	North Latitude	West Longitude	Depth, in meters, at mean low water
657	Rio Vista	38° 8.9'	121° 41.3'	10.1
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 1996

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	11																		
FEB	1	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	
	6																		
	13	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	
	21	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	
MAR	1	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	
	6	▒				▒		▒									▒	▒	
	14	▒	▒	▒	▒	▒	▒	▒	▒	▒		▒	▒	▒	▒	▒	▒	▒	
	26	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	
APR	3	▒				▒		▒									▒	▒	
	18	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	
	23	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	
MAY	1																		
	9	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	
JUN	12																		
JUL	17	▒																	
AUG	13	▒																	
SEP	11																		
OCT	16	▒																	
NOV	13																		
DEC	17	▒																	

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	11	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	
FEB	6	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	
MAR	6	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	
APR	3	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	
MAY	1	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	
JUN	12	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	
JUL	17	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	
AUG	13	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	
SEP	11	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	
OCT	16	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	
NOV	13	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	653
DEC	17																					

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

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
657.0	1642	1.0	0.9	0.69	0.36	0.7	9.1	9.9	9.4	85	13.5	0.26	16	1.9	0.10	10.70	0.00
657.0	1642	2.0			0.35	0.7		9.9	9.4	85		0.26	16		0.10	10.70	0.00
657.0	1642	3.0			0.36	0.7		9.9	9.4	85		0.28	17		0.10	10.71	0.00
657.0	1642	4.0			0.36	0.7		9.9	9.4	85		0.30	17		0.10	10.71	0.00
657.0	1642	5.0			0.36	0.7		9.9	9.4	85		0.32	19		0.10	10.71	0.00
657.0	1642	6.0			0.36	0.7		9.9	9.4	85		0.32	18		0.10	10.71	0.00
657.0	1642	7.0			0.36	0.7		9.9	9.4	85		0.32	19		0.10	10.70	0.00
657.0	1642	8.0			0.36	0.7		9.9	9.4	85		0.32	19		0.10	10.69	0.00
657.0	1642	9.0			0.36	0.7		9.9	9.4	85		0.31	18		0.10	10.69	0.00
657.0	1642	10.0			0.36	0.7		9.9	9.4	85		0.31	18		0.10	10.69	0.00
657.0	1642	11.0			0.36	0.7		9.9	9.4	85		0.32	18		0.10	10.69	0.00
657.0	1642	12.0	1.1	0.01	0.36	0.7		9.9	9.4	85		0.31	18		0.10	10.69	0.00
649.0	1552	1.0	0.9	0.57	0.34	0.8	9.2	9.3	9.0	81	15.0	0.34	20	2.1	0.09	10.74	0.00
649.0	1552	2.0			0.34	0.8		9.4	9.0	82		0.32	19		0.09	10.74	0.00
649.0	1552	3.0			0.34	0.8		9.5	9.1	82		0.34	20		0.09	10.73	0.00
649.0	1552	4.0			0.34	0.8		9.5	9.1	82		0.35	20		0.09	10.73	0.00
649.0	1552	5.0			0.34	0.8		9.5	9.1	83		0.36	20		0.09	10.72	0.00
649.0	1552	6.0			0.34	0.8		9.5	9.1	83		0.37	21		0.09	10.69	0.00
649.0	1552	7.0			0.34	0.8		9.5	9.1	83		0.38	22		0.09	10.69	0.00
649.0	1552	8.0			0.35	0.8		9.6	9.2	83		0.38	22		0.09	10.68	0.00
649.0	1552	9.0			0.35	0.7		9.6	9.2	83		0.40	22		0.09	10.68	0.00
649.0	1552	10.0			0.35	0.7		9.6	9.2	83		0.40	22		0.09	10.67	0.00
649.0	1552	11.0			0.34	0.8		9.6	9.2	83		0.40	23		0.09	10.67	0.00
649.0	1552	12.0	0.5	0.44	0.34	0.8		9.6	9.2	83		0.40	22		0.09	10.67	0.00
3.0	1520	1.0	0.6	0.59	0.37	0.7	9.3	9.2	8.9	81	23.8	0.41	23	2.4	0.10	10.77	0.00
3.0	1520	2.0			0.37	0.7		9.3	9.0	81		0.36	21		0.10	10.77	0.00
3.0	1520	3.0			0.37	0.7		9.4	9.0	82		0.39	22		0.11	10.74	0.00
3.0	1520	4.0			0.36	0.7		9.4	9.1	82		0.41	23		0.11	10.74	0.00
3.0	1520	5.0			0.36	0.7		9.4	9.1	82		0.41	23		0.11	10.74	0.00
3.0	1520	6.0			0.36	0.7		9.4	9.1	82		0.40	23		0.11	10.74	0.00
3.0	1520	7.0			0.37	0.7		9.5	9.1	82		0.40	23		0.11	10.74	0.00
3.0	1520	8.0			0.37	0.7		9.5	9.1	82		0.41	23		0.11	10.74	0.00
3.0	1520	9.0			0.37	0.7		9.5	9.1	82		0.41	23		0.12	10.74	0.00
3.0	1520	10.0			0.37	0.7		9.5	9.1	82		0.41	23		0.12	10.74	0.00
3.0	1520	11.0			0.37	0.7		9.5	9.1	82		0.40	23		0.12	10.75	0.00
3.0	1520	12.0	0.5	0.39	0.37	0.7		9.5	9.1	82		0.41	23		0.13	10.76	0.00
4.0	1454	1.0			0.38	0.7		9.4	9.1	82		0.56	31	2.9	0.13	10.71	0.00
4.0	1454	2.0			0.38	0.7		9.4	9.1	82		0.50	28		0.13	10.71	0.00
4.0	1454	3.0			0.38	0.7		9.5	9.1	82		0.53	29		0.13	10.67	0.00
4.0	1454	4.0			0.38	0.7		9.5	9.1	82		0.55	30		0.14	10.65	0.00

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4.0	1454	5.0			0.38	0.7		9.5	9.1	83		0.56	31		0.14	10.65	0.00
4.0	1454	6.0			0.38	0.7		9.5	9.1	83		0.56	31		0.15	10.65	0.00
4.0	1454	7.0			0.38	0.7		9.5	9.1	83		0.56	31		0.15	10.66	0.00
4.0	1454	8.0			0.39	0.7		9.5	9.1	83		0.57	31		0.16	10.66	0.00
4.0	1454	9.0			0.39	0.7		9.5	9.1	83		0.57	31		0.16	10.66	0.00
5.0	1433	1.0			0.40	0.7		9.4	9.1	82		0.78	42	3.7	0.60	10.78	0.10
5.0	1433	2.0			0.40	0.7		9.4	9.1	82		0.80	43		0.62	10.75	0.12
5.0	1433	3.0			0.40	0.7		9.4	9.1	82		0.80	43		0.69	10.71	0.18
5.0	1433	4.0			0.40	0.7		9.5	9.1	83		0.81	43		0.75	10.71	0.22
5.0	1433	5.0			0.40	0.7		9.5	9.1	83		0.82	44		0.78	10.71	0.25
5.0	1433	6.0			0.41	0.7		9.5	9.1	83		0.83	44		0.86	10.72	0.31
5.0	1433	7.0			0.41	0.7		9.5	9.1	83		0.86	46		1.32	10.73	0.67
5.0	1433	8.0			0.41	0.7		9.5	9.1	83		0.97	51		1.78	10.74	1.03
5.0	1433	9.0			0.42	0.7		9.5	9.1	83		1.01	53		1.97	10.75	1.18
5.0	1433	10.0			0.42	0.7		9.5	9.1	83		1.01	53		2.19	10.77	1.34
5.0	1433	11.0			0.42	0.7		9.4	9.1	83		1.12	58		2.24	10.77	1.38
5.0	1433	12.0			0.42	0.7		9.5	9.1	83		1.27	66		2.25	10.77	1.39
6.0	1411	1.0	0.9	0.32	0.40	0.7	9.3	9.9	9.4	86	40.0	0.88	47	4.0	1.73	10.90	0.97
6.0	1411	2.0			0.40	0.7		9.9	9.4	86		0.85	45		1.74	10.89	0.98
6.0	1411	3.0			0.40	0.7		9.9	9.4	86		0.85	45		1.80	10.87	1.03
6.0	1411	4.0			0.41	0.7		9.9	9.4	86		0.87	46		1.95	10.83	1.15
6.0	1411	5.0			0.41	0.7		9.9	9.4	86		0.88	47		2.30	10.82	1.43
6.0	1411	6.0			0.41	0.7		9.8	9.3	86		0.94	50		2.65	10.83	1.70
6.0	1411	7.0			0.41	0.7		9.8	9.3	86		0.99	52		3.01	10.85	1.97
6.0	1411	8.0			0.41	0.7		9.8	9.3	86		0.98	52		3.35	10.85	2.24
6.0	1411	9.0			0.42	0.7		9.7	9.3	86		1.07	56		3.80	10.87	2.58
6.0	1411	10.0			0.42	0.7		9.7	9.2	86		1.31	68		4.09	10.88	2.81
6.0	1411	11.0			0.42	0.7		9.7	9.2	86		1.37	71		4.17	10.88	2.87
7.0	1347	1.0			0.40	0.7		9.5	9.1	85		0.88	47	5.1	4.15	11.07	2.84
7.0	1347	2.0			0.40	0.7		9.5	9.1	85		0.87	46		4.16	11.06	2.84
7.0	1347	3.0			0.40	0.7		9.5	9.1	85		0.86	46		4.24	11.02	2.91
7.0	1347	4.0			0.40	0.7		9.5	9.1	85		0.88	47		4.62	10.95	3.21
7.0	1347	5.0			0.40	0.7		9.5	9.1	86		0.88	46		5.10	10.99	3.58
7.0	1347	6.0			0.39	0.7		9.3	9.0	86		0.89	47		6.92	11.07	4.99
7.0	1347	7.0			0.39	0.7		9.3	9.0	86		0.89	47		7.11	11.08	5.14
7.0	1347	8.0			0.39	0.7		9.3	9.0	86		0.88	47		7.49	11.10	5.42
7.0	1347	9.0			0.39	0.7		9.3	9.0	86		0.90	48		7.64	11.10	5.54
7.0	1347	10.0			0.39	0.7		9.2	8.9	86		0.93	49		8.37	11.15	6.10
7.0	1347	11.0			0.40	0.7		9.1	8.9	86		1.14	59		8.87	11.19	6.49
7.0	1347	12.0			0.40	0.7		9.1	8.9	86		1.35	70		9.07	11.19	6.64

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7.0	1347	13.0			0.41	0.7		9.1	8.8	86		1.46	75		9.15	11.20	6.70
7.0	1347	14.0			0.41	0.7		9.1	8.8	86		1.52	78		9.19	11.20	6.73
7.0	1347	15.0			0.41	0.7		9.1	8.8	86		1.54	80		9.21	11.20	6.74
8.0	1319	1.0			0.40	0.7		9.6	9.2	87		0.95	50	4.1	6.18	11.04	4.42
8.0	1319	2.0			0.40	0.7		9.6	9.2	87		0.91	48		6.28	11.02	4.49
8.0	1319	3.0			0.40	0.7		9.6	9.2	87		0.92	48		6.39	10.99	4.59
8.0	1319	4.0			0.40	0.7		9.6	9.2	87		0.94	49		6.63	11.00	4.77
8.0	1319	5.0			0.40	0.7		9.6	9.2	87		0.92	48		6.86	11.03	4.94
8.0	1319	6.0			0.40	0.7		9.6	9.2	87		0.89	47		7.05	11.05	5.09
8.0	1319	7.0			0.39	0.7		9.6	9.2	87		0.88	47		7.14	11.06	5.16
8.0	1319	8.0			0.40	0.7		9.5	9.1	87		0.89	47		7.20	11.06	5.21
8.0	1319	9.0			0.39	0.7		9.6	9.2	87		0.89	47		7.31	11.06	5.29
8.0	1319	10.0			0.39	0.7		9.5	9.1	88		0.89	47		8.44	11.13	6.16
8.0	1319	11.0			0.39	0.7		9.4	9.1	88		0.88	46		9.19	11.17	6.74
8.0	1319	12.0			0.40	0.7		9.3	9.0	88		0.93	49		10.57	11.26	7.79
8.0	1319	13.0			0.40	0.7		9.2	8.9	88		1.28	67		11.80	11.34	8.73
8.0	1319	14.0			0.40	0.7		9.1	8.8	88		1.04	55		12.91	11.40	9.58
8.0	1319	15.0			0.40	0.7		9.0	8.8	88		1.39	72		13.31	11.42	9.89
9.0	1258	1.0	0.5	0.23	0.40	0.7	9.3	9.5	9.1	87	53.5	0.90	47	4.1	7.53	11.09	5.46
9.0	1258	2.0			0.40	0.7		9.5	9.1	87		0.88	46		7.41	11.09	5.37
9.0	1258	3.0			0.40	0.7		9.5	9.1	87		0.88	47		7.66	11.10	5.56
9.0	1258	4.0			0.40	0.7		9.4	9.1	87		0.89	47		8.27	11.12	6.03
9.0	1258	5.0			0.40	0.7		9.4	9.1	87		0.91	48		8.17	11.11	5.95
9.0	1258	6.0			0.40	0.7		9.4	9.1	87		0.94	49		8.44	11.13	6.16
9.0	1258	7.0			0.40	0.7		9.4	9.1	87		0.96	51		8.46	11.13	6.17
9.0	1258	8.0			0.40	0.7		9.4	9.1	87		0.96	51		8.50	11.14	6.20
9.0	1258	9.0			0.40	0.7		9.4	9.1	87		0.98	51		8.59	11.16	6.27
9.0	1258	10.0			0.40	0.7		9.4	9.1	87		0.98	52		8.70	11.18	6.35
9.0	1258	11.0			0.39	0.7		9.4	9.0	87		0.98	52		9.24	11.21	6.77
9.0	1258	12.0			0.39	0.7		9.3	9.0	87		0.95	50		9.82	11.25	7.21
9.0	1258	13.0			0.39	0.7		9.2	9.0	87		0.91	48		10.13	11.26	7.45
9.0	1258	14.0			0.39	0.7		9.2	8.9	87		0.88	47		10.34	11.26	7.61
9.0	1258	15.0			0.39	0.7		9.2	8.9	87		0.86	46		10.44	11.24	7.69
9.0	1258	16.0			0.39	0.7		9.2	8.9	87		0.86	46		10.72	11.25	7.91
9.0	1258	17.0			0.39	0.7		9.2	8.9	87		0.88	46		10.97	11.27	8.10
9.0	1258	18.0			0.38	0.7		9.1	8.9	87		0.95	50		11.48	11.33	8.48
9.0	1258	19.0			0.38	0.7		9.0	8.8	87		1.02	54		12.84	11.39	9.52
9.0	1258	20.0			0.38	0.7		9.0	8.8	87		1.04	55		13.19	11.41	9.80
9.0	1258	21.0			0.38	0.7		8.9	8.8	87		1.02	54		13.54	11.45	10.06
9.0	1258	22.0			0.38	0.7		8.9	8.7	88		1.04	55		14.32	11.48	10.66
9.0	1258	23.0			0.39	0.7		8.8	8.7	87		1.19	62		14.57	11.49	10.85

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9.0	1258	24.0	0.7	0.24	0.39	0.7		8.8	8.7	87		1.24	65		14.75	11.50	10.99
10.0	1244	1.0			0.39	0.7		9.6	9.2	89		0.82	43	3.5	8.81	11.15	6.44
10.0	1244	2.0			0.39	0.7		9.6	9.2	89		0.81	43		8.92	11.13	6.53
10.0	1244	3.0			0.39	0.7		9.6	9.2	89		0.83	44		9.01	11.13	6.60
10.0	1244	4.0			0.39	0.7		9.6	9.2	89		0.83	44		9.31	11.15	6.83
10.0	1244	5.0			0.39	0.7		9.6	9.2	89		0.83	44		9.76	11.18	7.17
10.0	1244	6.0			0.39	0.7		9.6	9.2	89		0.85	45		10.17	11.21	7.49
10.0	1244	7.0			0.39	0.7		9.5	9.1	89		0.84	45		10.99	11.26	8.11
10.0	1244	8.0			0.39	0.7		9.4	9.1	89		0.85	45		11.53	11.29	8.53
10.0	1244	9.0			0.39	0.7		9.4	9.0	89		0.87	46		11.79	11.31	8.73
10.0	1244	10.0			0.39	0.7		9.3	9.0	89		0.88	47		12.38	11.34	9.18
10.0	1244	11.0			0.39	0.7		9.3	9.0	89		0.88	46		12.42	11.35	9.21
10.0	1244	12.0			0.38	0.7		9.3	9.0	89		0.88	47		13.03	11.39	9.68
10.0	1244	13.0			0.38	0.7		9.1	8.9	89		0.85	45		14.58	11.49	10.86
10.0	1244	14.0			0.38	0.7		9.0	8.8	89		0.92	48		15.02	11.52	11.19
10.0	1244	15.0			0.38	0.7		9.0	8.8	89		1.01	53		15.24	11.53	11.36
10.0	1244	16.0			0.39	0.7		9.0	8.8	89		1.09	57		15.53	11.55	11.59
10.0	1244	17.0			0.40	0.7		8.9	8.7	89		1.34	69		15.76	11.57	11.76
10.0	1244	18.0			0.41	0.7		8.9	8.7	89		1.59	82		15.82	11.57	11.81
11.0	1218	1.0			0.37	0.7		9.1	8.9	88		0.66	36	3.6	12.60	11.41	9.34
11.0	1218	2.0			0.37	0.7		9.1	8.9	88		0.67	36		13.35	11.43	9.92
11.0	1218	3.0			0.37	0.7		9.0	8.8	89		0.70	38		14.05	11.45	10.46
11.0	1218	4.0			0.37	0.7		9.0	8.8	88		0.81	43		14.52	11.47	10.82
11.0	1218	5.0			0.37	0.7		9.0	8.8	89		0.81	43		14.81	11.50	11.04
11.0	1218	6.0			0.37	0.7		8.9	8.8	89		0.78	42		15.34	11.54	11.44
11.0	1218	7.0			0.37	0.7		8.9	8.7	89		0.81	43		16.26	11.60	12.14
11.0	1218	8.0			0.37	0.7		8.8	8.6	89		0.93	49		17.28	11.65	12.92
11.0	1218	9.0			0.37	0.7		8.7	8.6	89		1.00	53		17.68	11.67	13.23
11.0	1218	10.0			0.37	0.7		8.7	8.6	89		1.04	54		17.85	11.69	13.35
11.0	1218	11.0			0.37	0.7		8.6	8.6	89		1.01	53		18.20	11.72	13.62
11.0	1218	12.0			0.37	0.7		8.6	8.5	89		0.97	51		18.63	11.75	13.95
11.0	1218	13.0			0.37	0.7		8.5	8.5	89		0.92	49		19.33	11.79	14.49
11.0	1218	14.0			0.37	0.7		8.5	8.4	89		1.04	55		20.25	11.86	15.19
12.0	1155	1.0			0.36	0.7		8.8	8.7	87		0.44	25	2.3	13.67	11.51	10.15
12.0	1155	2.0			0.36	0.7		8.8	8.6	87		0.47	26		14.75	11.52	10.98
12.0	1155	3.0			0.35	0.7		8.7	8.6	87		0.54	30		16.44	11.59	12.28
12.0	1155	4.0			0.35	0.7		8.5	8.5	88		0.56	31		17.84	11.67	13.35
12.0	1155	5.0			0.35	0.7		8.5	8.4	88		0.54	29		18.70	11.73	14.01
12.0	1155	6.0			0.35	0.7		8.4	8.4	88		0.49	27		19.37	11.78	14.52
12.0	1155	7.0			0.34	0.8		8.3	8.3	88		0.43	24		19.92	11.82	14.94

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12.0	1155	8.0			0.33	0.8		8.2	8.3	88		0.42	24		20.74	11.87	15.56
12.0	1155	9.0			0.33	0.8		8.1	8.2	88		0.53	29		21.77	11.93	16.35
13.0	1137	1.0	0.2	0.11	0.35	0.8	8.4	8.6	8.5	89		0.50	28	2.9	19.41	11.73	14.56
13.0	1137	2.0			0.35	0.8		8.6	8.5	89		0.49	27		19.64	11.74	14.73
13.0	1137	3.0			0.34	0.8		8.6	8.5	89		0.51	28		20.31	11.78	15.25
13.0	1137	4.0			0.34	0.8		8.5	8.5	89		0.52	29		20.71	11.81	15.55
13.0	1137	5.0			0.34	0.8		8.5	8.4	89		0.50	28		20.98	11.82	15.76
13.0	1137	6.0			0.34	0.8		8.4	8.4	89		0.44	25		21.20	11.81	15.93
13.0	1137	7.0			0.34	0.8		8.4	8.4	89		0.38	22		21.36	11.82	16.05
13.0	1137	8.0			0.34	0.8		8.4	8.4	89		0.32	19		21.44	11.82	16.11
13.0	1137	9.0			0.33	0.8		8.4	8.4	89		0.21	13		21.58	11.82	16.22
13.0	1137	10.0	0.8	0.51	0.33	0.8		8.3	8.3	89		0.19	12		22.61	12.00	16.99
14.0	1110	1.0			0.35	0.7		8.5	8.5	89		0.46	25	2.4	20.52	11.74	15.41
14.0	1110	2.0			0.35	0.7		8.5	8.4	89		0.43	24		20.62	11.69	15.50
14.0	1110	3.0			0.34	0.8		8.5	8.5	89		0.26	16		20.80	11.61	15.65
14.0	1110	4.0			0.33	0.8		8.5	8.5	89		0.20	13		20.83	11.61	15.68
14.0	1110	5.0			0.33	0.8		8.5	8.5	89		0.21	13		20.89	11.65	15.72
14.0	1110	6.0			0.33	0.8		8.5	8.5	89		0.24	14		21.06	11.67	15.85
14.0	1110	7.0			0.33	0.8		8.5	8.4	89		0.24	14		21.75	11.76	16.36
14.0	1110	8.0			0.33	0.8		8.4	8.4	90		0.26	15		22.22	11.85	16.71
14.0	1110	9.0			0.33	0.8		8.3	8.3	89		0.25	15		23.02	11.99	17.31
14.0	1110	10.0			0.32	0.8		8.2	8.3	89		0.20	12		23.44	12.04	17.63
14.0	1110	11.0			0.32	0.8		8.2	8.2	89		0.16	11		23.67	12.05	17.80
14.0	1110	12.0			0.33	0.8		8.1	8.2	89		0.62	34		24.03	12.05	18.08
14.0	1110	13.0			0.32	0.8		8.1	8.2	89		0.33	19		24.36	12.08	18.33
14.0	1110	14.0			0.32	0.8		8.1	8.2	89		0.21	13		24.82	12.09	18.68
15.0	1046	1.0	0.9	0.40	0.36	0.7	8.3	7.8	8.0	83	29.4	0.44	24	2.5	18.95	11.59	14.22
15.0	1046	2.0			0.35	0.7		7.9	8.0	83		0.45	25		18.97	11.53	14.24
15.0	1046	3.0			0.35	0.7		7.9	8.1	83		0.50	28		19.09	11.52	14.35
15.0	1046	4.0			0.35	0.7		7.8	8.0	84		0.57	31		19.55	11.55	14.69
15.0	1046	5.0			0.35	0.7		7.9	8.0	84		0.57	31		19.68	11.56	14.79
15.0	1046	6.0			0.35	0.8		7.9	8.0	84		0.52	29		20.21	11.59	15.20
15.0	1046	7.0			0.34	0.8		7.8	8.0	84		0.45	25		20.89	11.64	15.71
15.0	1046	8.0			0.34	0.8		7.8	8.0	84		0.39	22		21.20	11.67	15.95
15.0	1046	9.0			0.34	0.8		7.8	8.0	85		0.33	19		21.52	11.71	16.19
15.0	1046	10.0			0.33	0.8		7.7	8.0	85		0.31	18		22.40	11.84	16.85
15.0	1046	11.0			0.33	0.8		7.7	7.9	85		0.28	17		23.18	11.97	17.43
15.0	1046	12.0			0.32	0.8		7.6	7.9	85		0.21	13		23.54	12.02	17.70
15.0	1046	13.0			0.32	0.8		7.5	7.8	85		0.21	13		23.73	12.03	17.85
15.0	1046	14.0			0.32	0.8		7.5	7.8	85		0.23	14		23.97	12.05	18.03

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
15.0	1046	15.0			0.32	0.8		7.5	7.8	85		0.24	15		24.20	12.06	18.21
15.0	1046	16.0			0.33	0.8		7.5	7.8	85		0.26	15		24.64	12.07	18.54
15.0	1046	17.0			0.33	0.8		7.5	7.8	85		0.27	16		24.88	12.09	18.73
15.0	1046	18.0			0.34	0.8		7.5	7.8	85		0.30	17		25.00	12.09	18.82
15.0	1046	19.0			0.34	0.8		7.5	7.8	85		0.30	18		25.11	12.09	18.91
15.0	1046	20.0			0.33	0.8		7.5	7.8	85		0.29	17		25.17	12.09	18.95
15.0	1046	21.0			0.34	0.8		7.5	7.8	85		0.30	18		25.18	12.09	18.97
15.0	1046	22.0			0.34	0.8		7.5	7.8	85		0.30	17		25.21	12.09	18.98
15.0	1046	23.0			0.34	0.8		7.5	7.8	85		0.32	18		25.29	12.09	19.04
15.0	1046	24.0	1.0	0.41	0.34	0.8		7.4	7.8	85		0.49	27		25.46	12.10	19.18
16.0	1015	1.0			0.36	0.7		7.9	8.1	86		0.35	20	2.1	21.52	11.73	16.19
16.0	1015	2.0			0.36	0.7		8.0	8.1	86		0.33	19		21.66	11.74	16.29
16.0	1015	3.0			0.34	0.8		7.9	8.0	86		0.29	17		22.80	11.86	17.16
16.0	1015	4.0			0.33	0.8		7.8	8.0	86		0.23	14		23.77	11.94	17.89
16.0	1015	5.0			0.33	0.8		7.7	8.0	86		0.22	14		24.56	12.00	18.50
16.0	1015	6.0			0.33	0.8		7.7	7.9	86		0.20	12		25.23	12.06	19.01
16.0	1015	7.0			0.32	0.8		7.6	7.9	86		0.19	12		25.51	12.08	19.22
16.0	1015	8.0			0.33	0.8		7.6	7.9	86		0.18	12		25.83	12.10	19.46
16.0	1015	9.0			0.33	0.8		7.6	7.8	86		0.18	12		25.92	12.10	19.53
16.0	1015	10.0			0.33	0.8		7.6	7.8	86		0.19	12		26.02	12.10	19.61
16.0	1015	11.0			0.34	0.8		7.5	7.8	86		0.20	13		26.38	12.12	19.89
16.0	1015	12.0			0.34	0.8		7.6	7.8	86		0.22	13		26.62	12.14	20.07
17.0	0951	1.0			0.35	0.7		8.2	8.3	88		0.19	12	1.4	23.26	11.80	17.52
17.0	0951	2.0			0.35	0.7		8.2	8.3	88		0.18	12		23.27	11.79	17.53
17.0	0951	3.0			0.35	0.7		8.2	8.2	88		0.18	12		23.30	11.77	17.56
17.0	0951	4.0			0.34	0.8		8.3	8.3	89		0.18	12		23.49	11.78	17.70
17.0	0951	5.0			0.33	0.8		8.1	8.2	89		0.19	12		25.06	11.97	18.89
17.0	0951	6.0			0.32	0.8		8.0	8.1	89		0.17	11		26.21	12.09	19.76
17.0	0951	7.0			0.32	0.8		7.9	8.1	89		0.16	11		26.29	12.09	19.82
17.0	0951	8.0			0.32	0.8		7.9	8.1	89		0.14	10		26.37	12.10	19.88
17.0	0951	9.0			0.32	0.8		7.9	8.1	89		0.12	9		26.62	12.11	20.07
17.0	0951	10.0			0.32	0.8		7.9	8.1	89		0.12	8		26.85	12.13	20.25
17.0	0951	11.0			0.32	0.8		7.8	8.0	89		0.11	8		27.36	12.15	20.64
17.0	0951	12.0			0.34	0.8		7.8	8.0	89		0.10	8		27.57	12.17	20.79
17.0	0951	13.0			0.34	0.8		7.8	8.0	89		0.14	9		27.72	12.17	20.91
18.0	0928	1.0	0.8	0.55	0.32	0.8	7.7	8.0	8.1	89	10.7	0.13	9	1.0	25.72	11.88	19.41
18.0	0928	2.0			0.32	0.8		8.0	8.1	89		0.06	6		25.72	11.88	19.42
18.0	0928	3.0			0.32	0.8		8.0	8.1	89		0.07	6		25.73	11.88	19.42
18.0	0928	4.0			0.32	0.8		8.0	8.1	89		0.06	6		25.79	11.89	19.47
18.0	0928	5.0			0.32	0.8		8.0	8.1	89		0.06	6		25.86	11.90	19.52

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
18.0	0928	6.0			0.32	0.8		8.0	8.1	89		0.06	6		25.98	11.93	19.61
18.0	0928	7.0			0.32	0.8		8.0	8.1	89		0.06	5		26.15	11.96	19.74
18.0	0928	8.0			0.32	0.8		8.0	8.1	89		0.06	5		26.18	11.97	19.75
18.0	0928	9.0			0.32	0.8		7.9	8.1	89		0.06	5		26.31	12.01	19.85
18.0	0928	10.0			0.31	0.8		7.9	8.1	89		0.06	5		26.53	12.05	20.01
18.0	0928	11.0			0.31	0.8		7.9	8.1	89		0.06	5		26.71	12.09	20.15
18.0	0928	12.0			0.32	0.8		7.8	8.0	89		0.06	6		26.96	12.10	20.34
18.0	0928	13.0			0.32	0.8		7.8	8.0	89		0.07	6		27.05	12.10	20.41
18.0	0928	14.0			0.32	0.8		7.8	8.0	89		0.08	6		27.06	12.09	20.41
18.0	0928	15.0			0.32	0.8		7.8	8.0	89		0.08	6		27.07	12.09	20.42
18.0	0928	16.0			0.32	0.8		7.8	8.0	89		0.08	6		27.07	12.09	20.42
18.0	0928	17.0			0.32	0.8		7.8	8.0	89		0.08	6		27.10	12.09	20.45
18.0	0928	18.0			0.32	0.8		7.8	8.0	89		0.08	6		27.14	12.09	20.48
18.0	0928	19.0			0.32	0.8		7.8	8.0	89		0.08	6		27.16	12.09	20.49
18.0	0928	20.0			0.33	0.8		7.8	8.0	89		0.08	6		27.20	12.09	20.52
18.0	0928	21.0			0.33	0.8		7.8	8.0	89		0.08	6		27.22	12.09	20.54
18.0	0928	22.0			0.33	0.8		7.8	8.0	89		0.08	7		27.40	12.09	20.68
18.0	0928	23.0			0.33	0.8		7.8	8.0	89		0.10	7		28.28	12.11	21.35
18.0	0928	24.0			0.34	0.8		7.7	7.9	89		0.14	10		29.37	12.18	22.19
18.0	0928	25.0			0.35	0.7		7.7	7.9	89		0.19	12		29.56	12.20	22.33
18.0	0928	26.0			0.36	0.7		7.7	7.9	89		0.20	12		29.57	12.20	22.34
18.0	0928	27.0			0.35	0.7		7.6	7.9	89		0.21	13		29.58	12.20	22.35
18.0	0928	28.0			0.35	0.7		7.7	7.9	89		0.21	13		29.58	12.20	22.35
18.0	0928	29.0			0.35	0.7		7.7	7.9	89		0.21	13		29.57	12.20	22.34
18.0	0928	30.0			0.35	0.7		7.7	7.9	89		0.21	13		29.58	12.20	22.35
18.0	0928	31.0			0.36	0.7		7.7	7.9	89		0.22	14		29.61	12.20	22.37
18.0	0928	32.0			0.36	0.7		7.6	7.9	89		0.23	14		29.63	12.21	22.39
18.0	0928	33.0			0.36	0.7		7.6	7.9	89		0.24	15		29.65	12.21	22.40
18.0	0928	34.0			0.37	0.7		7.6	7.9	89		0.25	15		29.68	12.21	22.42
18.0	0928	35.0			0.37	0.7		7.6	7.9	89		0.25	15		29.68	12.21	22.42
18.0	0928	36.0			0.36	0.7		7.6	7.9	89		0.25	15		29.69	12.21	22.43
18.0	0928	37.0			0.36	0.7		7.6	7.9	89		0.27	16		29.72	12.22	22.45
18.0	0928	38.0			0.36	0.7		7.6	7.9	89		0.29	17		29.74	12.22	22.47
18.0	0928	39.0			0.37	0.7		7.6	7.9	89		0.30	18		29.76	12.22	22.48
18.0	0928	40.0			0.37	0.7		7.6	7.9	89		0.29	17		29.76	12.22	22.48
20.0	0910	1.0			0.33	0.8		8.1	8.2	90		0.07	6	1.0	26.08	12.11	19.65
20.0	0910	2.0			0.33	0.8		8.1	8.2	90		0.05	5		26.07	12.11	19.65
20.0	0910	3.0			0.33	0.8		8.1	8.2	90		0.05	5		26.08	12.11	19.66
20.0	0910	4.0			0.33	0.8		8.1	8.2	90		0.05	5		26.10	12.11	19.67
20.0	0910	5.0			0.32	0.8		8.1	8.2	90		0.06	5		26.20	12.14	19.74
20.0	0910	6.0			0.32	0.8		8.1	8.2	90		0.07	6		26.34	12.16	19.85
20.0	0910	7.0			0.31	0.8		8.1	8.2	90		0.07	6		26.39	12.17	19.88

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
20.0	0910	8.0			0.32	0.8		8.1	8.2	90		0.08	6		26.43	12.17	19.92
20.0	0910	9.0			0.31	0.8		8.1	8.2	90		0.08	6		26.49	12.17	19.96
20.0	0910	10.0			0.31	0.8		8.0	8.2	90		0.08	6		26.62	12.19	20.06
20.0	0910	11.0			0.31	0.8		8.0	8.2	90		0.08	7		26.72	12.19	20.14
20.0	0910	12.0			0.32	0.8		8.0	8.2	90		0.09	7		26.89	12.19	20.26
20.0	0910	13.0			0.32	0.8		8.0	8.1	90		0.11	8		27.00	12.20	20.35
20.0	0910	14.0			0.32	0.8		8.0	8.1	90		0.12	8		27.09	12.20	20.42
20.0	0910	15.0			0.33	0.8		8.0	8.1	90		0.12	9		27.16	12.20	20.47
20.0	0910	16.0			0.33	0.8		8.0	8.1	90		0.13	9		27.32	12.21	20.59
20.0	0910	17.0			0.33	0.8		8.0	8.1	90		0.13	9		27.40	12.21	20.66
20.0	0910	18.0			0.33	0.8		8.0	8.1	90		0.13	9		27.40	12.21	20.66
20.0	0910	19.0			0.33	0.8		8.0	8.1	90		0.13	9		27.42	12.21	20.68
20.0	0910	20.0			0.33	0.8		8.0	8.1	90		0.13	9		27.51	12.21	20.75
20.0	0910	21.0			0.33	0.8		7.9	8.1	90		0.13	9		27.59	12.21	20.80
20.0	0910	22.0			0.33	0.8		7.9	8.1	90		0.14	9		27.62	12.21	20.83
20.0	0910	23.0			0.33	0.8		7.9	8.1	90		0.14	9		27.64	12.21	20.84
20.0	0910	24.0			0.33	0.8		7.9	8.1	90		0.14	9		27.64	12.21	20.84
20.0	0910	25.0			0.33	0.8		7.9	8.1	90		0.13	9		27.64	12.21	20.85

	n	r^2	Slope	Inter.	Std. Err.
Fluorometer Calibration:	14	0.010	-1.011	1.099	0.255
OBS Calibration:	7	0.907	50.088	2.543	5.247
Dissolved Oxygen Calibration:	8	0.766	0.657	2.879	0.310

SeaBird v4.026

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
32.0	0601	1.0	0.9	0.63	0.35	1.1	7.7	7.8	7.4	82	10.8	0.09	11		25.51	12.74	19.10
32.0	0601	2.0			0.34	1.0		7.8	7.4	82		0.10	11		25.59	12.74	19.17
32.0	0601	3.0			0.34	1.0		7.8	7.4	83		0.10	11		25.64	12.73	19.20
32.0	0601	4.0			0.34	1.0		7.8	7.4	83		0.11	11		25.67	12.72	19.23
32.0	0601	5.0			0.33	1.0		7.8	7.4	83		0.11	12		25.70	12.71	19.25
32.0	0601	6.0			0.33	1.0		7.8	7.4	83		0.13	12		25.72	12.71	19.27
32.0	0601	7.0			0.33	1.0		7.8	7.4	83		0.14	13		25.73	12.70	19.27
32.0	0601	8.0			0.33	1.0		7.8	7.4	83		0.15	14		25.74	12.70	19.29
32.0	0601	9.0			0.33	1.0		7.8	7.4	83		0.16	14		25.75	12.70	19.30
32.0	0601	10.0			0.33	1.0		7.8	7.4	83		0.16	15		25.76	12.70	19.30
32.0	0601	11.0			0.33	1.0		7.8	7.4	83		0.17	15		25.77	12.70	19.31
32.0	0601	12.0			0.33	0.9		7.8	7.4	83		0.19	16		25.79	12.70	19.32
32.0	0601	13.0	0.6	0.43	0.33	0.9		7.8	7.4	83		0.19	16		25.79	12.70	19.33
30.0	0631	1.0	1.0	0.66	0.33	1.0	7.6	8.0	7.5	83	9.4	0.07	10		26.09	12.50	19.59
30.0	0631	2.0			0.33	1.0		8.0	7.5	83		0.07	10		26.09	12.51	19.59
30.0	0631	3.0			0.33	1.0		8.0	7.5	84		0.08	10		26.09	12.51	19.59
30.0	0631	4.0			0.33	1.0		8.0	7.5	84		0.08	10		26.10	12.51	19.60
30.0	0631	5.0			0.33	1.0		8.0	7.6	84		0.08	10		26.11	12.51	19.61
30.0	0631	6.0			0.34	1.0		8.0	7.6	84		0.09	10		26.11	12.51	19.61
30.0	0631	7.0			0.34	1.0		8.0	7.6	84		0.09	10		26.11	12.51	19.61
30.0	0631	8.0			0.33	1.0		8.1	7.6	84		0.09	10		26.11	12.51	19.61
30.0	0631	9.0			0.33	1.0		8.1	7.6	84		0.09	10		26.12	12.51	19.62
30.0	0631	10.0			0.33	1.0		8.1	7.6	84		0.10	11		26.13	12.51	19.62
30.0	0631	11.0			0.33	1.0		8.1	7.6	84		0.10	11		26.13	12.51	19.62
30.0	0631	12.0	1.1	0.59	0.33	1.0		8.1	7.6	84		0.12	12		26.13	12.51	19.62
29.5	0645	1.0			0.33	1.0		7.9	7.5	83		0.09	10		26.06	12.49	19.57
29.5	0645	2.0			0.33	1.0		7.9	7.5	83		0.09	11		26.06	12.49	19.57
29.5	0645	3.0			0.33	1.0		7.9	7.5	83		0.10	11		26.06	12.49	19.58
29.5	0645	4.0			0.33	1.0		7.9	7.5	83		0.10	11		26.07	12.49	19.58
29.5	0645	5.0			0.33	1.0		7.9	7.5	83		0.10	11		26.07	12.48	19.58
29.5	0645	6.0			0.33	0.9		7.9	7.5	83		0.10	11		26.07	12.48	19.58
29.5	0645	7.0			0.33	0.9		7.9	7.5	83		0.11	11		26.08	12.48	19.58
29.5	0645	8.0			0.32	0.9		7.9	7.5	83		0.10	11		26.10	12.49	19.61
29.5	0645	9.0			0.32	0.9		7.9	7.5	83		0.10	11		26.12	12.49	19.62
29.5	0645	10.0			0.32	0.9		7.9	7.5	83		0.10	11		26.14	12.48	19.64
29.5	0645	11.0			0.32	0.9		7.9	7.5	83		0.11	12		26.15	12.48	19.64
29.5	0645	12.0			0.32	0.9		7.9	7.5	83		0.12	12		26.15	12.47	19.65
29.5	0645	13.0			0.32	0.9		7.9	7.5	83		0.12	12		26.15	12.48	19.64
29.5	0645	14.0			0.32	0.9		7.9	7.5	83		0.14	13		26.16	12.46	19.65
29.5	0645	15.0			0.32	0.9		7.9	7.5	83		0.19	16		26.17	12.46	19.66

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29.0	0659	1.0			0.33	0.9		8.0	7.5	83		0.09	11		26.16	12.34	19.68
29.0	0659	2.0			0.33	0.9		8.0	7.5	83		0.09	11		26.16	12.34	19.68
29.0	0659	3.0			0.33	0.9		8.0	7.5	83		0.09	11		26.16	12.34	19.68
29.0	0659	4.0			0.33	1.0		8.0	7.5	83		0.10	11		26.17	12.35	19.68
29.0	0659	5.0			0.33	1.0		8.0	7.5	83		0.10	11		26.16	12.35	19.68
29.0	0659	6.0			0.34	1.0		8.0	7.5	83		0.10	11		26.17	12.37	19.68
29.0	0659	7.0			0.34	1.0		8.0	7.5	83		0.11	11		26.18	12.37	19.68
29.0	0659	8.0			0.34	1.0		8.0	7.5	83		0.12	12		26.18	12.37	19.68
29.0	0659	9.0			0.34	1.0		8.0	7.5	83		0.12	12		26.20	12.37	19.70
29.0	0659	10.0			0.35	1.1		8.0	7.5	83		0.14	14		26.22	12.36	19.72
29.0	0659	11.0			0.35	1.1		8.0	7.5	83		0.20	16		26.22	12.36	19.72
29.0	0659	12.0			0.34	1.1		8.0	7.5	83		0.25	19		26.22	12.36	19.72
29.0	0659	13.0			0.34	1.0		8.0	7.5	83		0.26	20		26.22	12.36	19.71
29.0	0659	14.0			0.35	1.1		8.0	7.5	83		0.28	21		26.22	12.36	19.72
29.0	0659	15.0			0.35	1.1		8.0	7.5	83		0.36	25		26.22	12.35	19.72
29.0	0659	16.0			0.35	1.1		8.0	7.5	83		0.48	32		26.22	12.35	19.72
28.0	0712	1.0			0.33	0.9		8.0	7.5	83		0.10	11		26.23	12.31	19.73
28.0	0712	2.0			0.33	0.9		8.0	7.5	83		0.08	10		26.23	12.31	19.73
28.0	0712	3.0			0.33	0.9		8.0	7.5	83		0.09	10		26.23	12.32	19.73
28.0	0712	4.0			0.33	0.9		8.0	7.6	83		0.09	11		26.23	12.33	19.73
28.0	0712	5.0			0.33	0.9		8.0	7.6	83		0.10	11		26.23	12.33	19.73
28.0	0712	6.0			0.34	1.0		8.0	7.6	83		0.12	12		26.23	12.33	19.74
28.0	0712	7.0			0.34	1.0		8.0	7.5	83		0.13	13		26.24	12.33	19.74
28.0	0712	8.0			0.33	1.0		8.0	7.6	83		0.13	13		26.24	12.32	19.74
28.0	0712	9.0			0.33	1.0		8.0	7.5	83		0.14	13		26.24	12.31	19.75
28.0	0712	10.0			0.33	1.0		8.0	7.6	83		0.15	14		26.25	12.30	19.75
28.0	0712	11.0			0.33	1.0		8.0	7.6	83		0.20	16		26.25	12.28	19.76
28.0	0712	12.0			0.33	1.0		8.0	7.6	83		0.23	18		26.25	12.29	19.76
28.0	0712	13.0			0.33	1.0		8.0	7.6	83		0.25	19		26.25	12.28	19.76
28.0	0712	14.0			0.34	1.0		8.0	7.6	83		0.28	21		26.25	12.28	19.76
28.0	0712	15.0			0.34	1.0		8.0	7.6	83		0.32	23		26.25	12.28	19.76
28.0	0712	16.0			0.34	1.0		8.0	7.6	83		0.38	26		26.25	12.28	19.76
27.0	0728	1.0	1.2	0.69	0.34	1.0	7.6	8.0	7.5	83	10.7	0.10	11		26.21	12.32	19.72
27.0	0728	2.0			0.34	1.0		8.0	7.6	83		0.10	11		26.21	12.32	19.72
27.0	0728	3.0			0.34	1.0		8.0	7.5	83		0.10	11		26.20	12.32	19.71
27.0	0728	4.0			0.34	1.0		8.0	7.6	83		0.11	12		26.20	12.34	19.71
27.0	0728	5.0			0.33	0.9		8.0	7.6	83		0.11	12		26.22	12.36	19.72
27.0	0728	6.0			0.32	0.9		8.0	7.6	83		0.11	12		26.23	12.36	19.73
27.0	0728	7.0			0.32	0.9		8.0	7.6	84		0.13	13		26.26	12.34	19.75
27.0	0728	8.0			0.33	0.9		8.1	7.6	84		0.15	14		26.27	12.34	19.76
27.0	0728	9.0			0.34	1.0		8.1	7.6	84		0.16	14		26.27	12.34	19.77

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27.0	0728	10.0			0.34	1.0		8.1	7.6	84		0.23	18		26.29	12.33	19.78
27.0	0728	11.0			0.34	1.0		8.1	7.6	84		0.26	20		26.29	12.33	19.78
27.0	0728	12.0	0.9	0.45	0.34	1.0		8.1	7.6	84		0.25	20		26.29	12.33	19.78
26.0	0741	1.0			0.34	1.0		8.1	7.6	84		0.17	15	1.2	26.23	12.39	19.72
26.0	0741	2.0			0.34	1.0		8.1	7.6	84		0.17	15		26.23	12.39	19.72
26.0	0741	3.0			0.34	1.0		8.1	7.6	84		0.17	15		26.23	12.39	19.72
26.0	0741	4.0			0.34	1.0		8.1	7.6	84		0.20	16		26.24	12.40	19.72
26.0	0741	5.0			0.34	1.0		8.2	7.6	84		0.20	16		26.23	12.40	19.72
26.0	0741	6.0			0.33	1.0		8.2	7.6	84		0.19	16		26.23	12.40	19.72
26.0	0741	7.0			0.34	1.0		8.2	7.6	84		0.20	17		26.23	12.40	19.72
26.0	0741	8.0			0.34	1.1		8.2	7.6	85		0.22	18		26.24	12.41	19.73
26.0	0741	9.0			0.35	1.1		8.2	7.7	85		0.24	19		26.24	12.41	19.73
26.0	0741	10.0			0.35	1.1		8.2	7.6	85		0.33	24		26.25	12.41	19.73
25.0	0757	1.0			0.36	1.2		8.0	7.5	83		0.32	23	1.8	26.18	12.48	19.67
25.0	0757	2.0			0.36	1.2		7.9	7.5	83		0.33	24		26.18	12.48	19.67
25.0	0757	3.0			0.36	1.2		7.9	7.5	83		0.33	24		26.19	12.48	19.67
25.0	0757	4.0			0.36	1.2		8.0	7.5	83		0.33	24		26.19	12.48	19.67
25.0	0757	5.0			0.36	1.2		8.0	7.5	83		0.32	23		26.19	12.48	19.67
25.0	0757	6.0			0.37	1.2		8.0	7.5	83		0.32	23		26.18	12.48	19.67
25.0	0757	7.0			0.37	1.2		8.0	7.5	83		0.33	23		26.18	12.48	19.67
25.0	0757	8.0			0.37	1.3		8.0	7.5	83		0.34	25		26.18	12.48	19.67
25.0	0757	9.0			0.37	1.3		8.0	7.5	83		0.35	25		26.18	12.48	19.67
24.0	0810	1.0	1.3	0.46	0.34	1.1	7.1	7.8	7.5	82	19.9	0.28	21	1.7	26.04	12.36	19.58
24.0	0810	2.0			0.34	1.0		7.8	7.5	82		0.29	21		26.04	12.36	19.58
24.0	0810	3.0			0.34	1.0		7.9	7.5	82		0.31	23		26.04	12.36	19.58
24.0	0810	4.0			0.34	1.0		7.9	7.5	82		0.32	23		26.04	12.36	19.58
24.0	0810	5.0			0.35	1.1		7.9	7.5	82		0.34	24		26.04	12.37	19.58
24.0	0810	6.0			0.35	1.1		7.9	7.5	83		0.35	25		26.04	12.37	19.58
24.0	0810	7.0			0.36	1.1		7.9	7.5	83		0.37	26		26.04	12.37	19.58
24.0	0810	8.0			0.36	1.1		7.9	7.5	83		0.37	26		26.04	12.37	19.58
24.0	0810	9.0			0.36	1.1		7.9	7.5	83		0.38	27		26.04	12.37	19.58
24.0	0810	10.0	1.0	0.32	0.36	1.2		7.9	7.5	83		0.40	27		26.04	12.37	19.58
23.0	0825	1.0			0.33	1.0		8.0	7.6	83		0.20	17	1.4	26.21	12.26	19.73
23.0	0825	2.0			0.33	1.0		8.0	7.6	83		0.20	17		26.21	12.26	19.73
23.0	0825	3.0			0.33	1.0		8.0	7.6	83		0.22	18		26.22	12.26	19.73
23.0	0825	4.0			0.33	1.0		8.1	7.6	83		0.24	19		26.22	12.26	19.73
23.0	0825	5.0			0.33	1.0		8.1	7.6	83		0.23	18		26.22	12.26	19.73
23.0	0825	6.0			0.33	1.0		8.1	7.6	83		0.24	19		26.22	12.26	19.73
23.0	0825	7.0			0.34	1.0		8.1	7.6	84		0.25	19		26.22	12.26	19.74

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23.0	0825	8.0			0.35	1.1		8.1	7.6	83		0.25	19		26.22	12.26	19.74
23.0	0825	9.0			0.35	1.1		8.1	7.6	84		0.26	20		26.23	12.25	19.74
23.0	0825	10.0			0.35	1.1		8.1	7.6	84		0.29	21		26.23	12.25	19.74
23.0	0825	11.0			0.35	1.1		8.1	7.6	84		0.29	21		26.23	12.25	19.74
23.0	0825	12.0			0.35	1.1		8.1	7.6	84		0.29	22		26.23	12.25	19.74
23.0	0825	13.0			0.34	1.0		8.1	7.6	84		0.30	22		26.23	12.25	19.74
23.0	0825	14.0			0.34	1.1		8.1	7.6	84		0.30	22		26.23	12.25	19.74
23.0	0825	15.0			0.35	1.1		8.1	7.6	84		0.31	22		26.23	12.25	19.75
22.0	0841	1.0			0.33	0.9		8.2	7.6	84		0.05	8	0.9	25.97	12.03	19.58
22.0	0841	2.0			0.32	0.9		8.2	7.6	84		0.06	9		25.99	12.05	19.59
22.0	0841	3.0			0.32	0.8		8.2	7.6	83		0.06	9		26.00	12.05	19.60
22.0	0841	4.0			0.31	0.8		8.2	7.6	83		0.06	9		26.01	12.06	19.61
22.0	0841	5.0			0.31	0.8		8.2	7.6	84		0.06	9		26.03	12.06	19.62
22.0	0841	6.0			0.31	0.8		8.2	7.6	84		0.07	9		26.11	12.14	19.67
22.0	0841	7.0			0.31	0.8		8.1	7.6	84		0.11	12		26.30	12.17	19.82
22.0	0841	8.0			0.31	0.8		8.1	7.6	84		0.15	14		26.37	12.18	19.86
22.0	0841	9.0			0.32	0.9		8.1	7.6	84		0.18	15		26.43	12.19	19.91
22.0	0841	10.0			0.32	0.9		8.1	7.6	83		0.17	15		26.43	12.19	19.92
22.0	0841	11.0			0.33	0.9		8.1	7.6	83		0.18	16		26.44	12.19	19.92
22.0	0841	12.0			0.34	1.0		8.1	7.6	84		0.29	21		26.52	12.20	19.98
22.0	0841	13.0			0.35	1.1		8.0	7.6	83		0.36	25		26.54	12.20	19.99
22.0	0841	14.0			0.35	1.1		8.0	7.6	83		0.46	31		26.55	12.20	20.00
22.0	0841	15.0			0.36	1.1		8.0	7.6	83		0.47	31		26.56	12.20	20.01
22.0	0841	16.0			0.36	1.1		8.0	7.6	83		0.50	33		26.57	12.20	20.01
21.0	0851	1.0	1.5	0.56	0.34	1.1	7.5	8.0	7.5	83	19.6	0.22	18	1.5	26.46	12.18	19.94
21.0	0851	2.0			0.34	1.0		8.0	7.5	83		0.25	19		26.46	12.19	19.94
21.0	0851	3.0			0.34	1.0		8.0	7.5	83		0.28	21		26.47	12.18	19.94
21.0	0851	4.0			0.34	1.0		8.0	7.5	83		0.28	21		26.47	12.18	19.94
21.0	0851	5.0			0.33	1.0		8.0	7.5	83		0.30	22		26.48	12.18	19.95
21.0	0851	6.0			0.34	1.0		8.0	7.5	83		0.30	22		26.50	12.19	19.97
21.0	0851	7.0			0.35	1.1		8.0	7.5	83		0.34	24		26.51	12.19	19.98
21.0	0851	8.0			0.35	1.1		8.0	7.5	83		0.36	25		26.52	12.19	19.98
21.0	0851	9.0			0.36	1.1		8.0	7.5	83		0.38	26		26.54	12.20	20.00
21.0	0851	10.0			0.36	1.2		8.0	7.5	83		0.41	28		26.58	12.20	20.03
21.0	0851	11.0			0.36	1.2		7.9	7.5	83		0.44	30		26.59	12.20	20.03
21.0	0851	12.0			0.37	1.2		7.9	7.5	83		0.45	30		26.60	12.20	20.04
21.0	0851	13.0			0.37	1.2		7.9	7.5	83		0.44	30		26.60	12.21	20.04
21.0	0851	14.0			0.37	1.2		7.9	7.5	83		0.48	32		26.63	12.21	20.06
21.0	0851	15.0			0.37	1.3		7.9	7.5	83		0.53	35		26.64	12.21	20.07
21.0	0851	16.0			0.38	1.3		7.9	7.5	83		0.55	36		26.65	12.21	20.07
21.0	0851	17.0			0.37	1.3		7.9	7.5	83		0.60	39		26.65	12.21	20.08

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
21.0	0851	18.0	1.2	0.26	0.38	1.3		7.9	7.5	83		0.61	39		26.65	12.21	20.07

	n	r^2	Slope	Inter.	Std. Err.
Fluorometer Calibration:	10	0.161	7.124	-1.398	0.238
OBS Calibration:	5	0.953	54.696	5.646	1.305
Dissolved Oxygen Calibration:	5	0.046	0.475	3.747	0.240

SeaBird v4.026

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
36.0	1320	1.0			0.41	1.3		7.9	8.5	90		0.42	10	2.4	19.89	12.17	14.86
36.0	1320	2.0	1.1	0.45	0.41	1.3	8.1	7.8	8.4	89	9.0	0.47	11		20.31	12.02	15.21
36.0	1320	3.0			0.42	1.3		7.8	8.4	89		0.56	12		20.63	11.90	15.48
36.0	1320	4.0			0.42	1.4		7.8	8.4	89		0.79	15		20.95	11.82	15.74
36.0	1320	5.0			0.42	1.3		7.8	8.4	89		0.82	15		21.17	11.78	15.91
36.0	1320	6.0			0.42	1.3		7.9	8.5	89		0.81	15		21.28	11.77	16.00
36.0	1320	7.0			0.41	1.3		7.9	8.5	90		0.82	15		21.37	11.76	16.07
36.0	1320	8.0	0.9	0.23	0.41	1.3		7.9	8.5	90		0.86	15		21.41	11.77	16.10
35.0	1309	1.0			0.37	1.0		7.7	8.4	89		0.19	8	1.6	21.32	11.87	16.01
35.0	1309	2.0			0.37	1.0		7.8	8.4	89		0.20	8		21.66	11.77	16.30
35.0	1309	3.0			0.37	1.0		7.8	8.4	89		0.24	9		21.76	11.73	16.38
35.0	1309	4.0			0.37	1.0		7.8	8.4	89		0.27	9		21.89	11.69	16.48
35.0	1309	5.0			0.37	1.0		7.8	8.4	89		0.37	10		22.07	11.64	16.63
35.0	1309	6.0			0.38	1.1		7.8	8.4	89		0.45	11		22.22	11.61	16.75
35.0	1309	7.0			0.39	1.1		7.8	8.4	89		0.50	11		22.40	11.59	16.90
35.0	1309	8.0			0.39	1.1		7.8	8.4	89		0.63	13		22.54	11.56	17.01
34.0	1257	1.0			0.37	1.0		7.7	8.3	89		0.23	9	1.7	21.98	11.92	16.52
34.0	1257	2.0			0.37	1.0		7.7	8.3	89		0.27	9		22.03	11.89	16.56
34.0	1257	3.0			0.36	1.0		7.7	8.3	89		0.29	9		22.17	11.82	16.68
34.0	1257	4.0			0.36	1.0		7.7	8.3	89		0.31	9		22.18	11.82	16.68
34.0	1257	5.0			0.37	1.0		7.7	8.3	89		0.32	9		22.26	11.79	16.75
34.0	1257	6.0			0.37	1.0		7.7	8.3	89		0.33	10		22.28	11.78	16.77
34.0	1257	7.0			0.37	1.0		7.7	8.3	89		0.35	10		22.31	11.76	16.80
34.0	1257	8.0			0.37	1.0		7.7	8.3	88		0.35	10		22.35	11.74	16.83
34.0	1257	9.0			0.37	1.0		7.7	8.3	89		0.38	10		22.54	11.66	16.99
33.0	1240	1.0			0.37	1.0		8.0	8.6	92		0.18	8	1.6	21.16	12.12	15.85
33.0	1240	2.0			0.37	1.0		8.0	8.6	92		0.18	8		21.48	12.01	16.11
33.0	1240	3.0			0.37	1.0		8.0	8.6	91		0.19	8		21.64	11.95	16.24
33.0	1240	4.0			0.36	1.0		7.9	8.5	90		0.18	8		21.94	11.81	16.50
33.0	1240	5.0			0.36	0.9		7.9	8.5	91		0.23	9		22.37	11.67	16.86
33.0	1240	6.0			0.36	0.9		7.9	8.5	91		0.32	9		22.60	11.63	17.04
33.0	1240	7.0			0.36	1.0		7.9	8.5	91		0.43	11		22.80	11.60	17.20
33.0	1240	8.0			0.37	1.0		7.9	8.5	91		0.60	12		22.94	11.57	17.32
33.0	1240	9.0			0.37	1.0		7.9	8.5	91		0.66	13		23.01	11.56	17.37
33.0	1240	10.0			0.38	1.1		7.9	8.5	91		0.72	14		23.06	11.54	17.41
33.0	1240	11.0			0.38	1.1		7.9	8.5	91		0.79	14		23.13	11.51	17.47
33.0	1240	12.0			0.38	1.1		8.0	8.5	91		0.79	15		23.13	11.51	17.47
33.0	1240	13.0			0.38	1.1		8.0	8.6	91		0.85	15		23.18	11.50	17.51

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
32.0	1228	1.0			0.33	0.7		7.6	8.2	88		0.15	8	1.3	22.82	11.62	17.21
32.0	1228	2.0	0.8	0.49	0.33	0.7	8.3	7.6	8.2	88	6.3	0.18	8		23.49	11.44	17.76
32.0	1228	3.0			0.33	0.7		7.6	8.2	88		0.19	8		23.63	11.43	17.87
32.0	1228	4.0			0.33	0.7		7.6	8.2	88		0.20	8		23.72	11.41	17.94
32.0	1228	5.0			0.33	0.7		7.6	8.2	88		0.26	9		23.82	11.40	18.02
32.0	1228	6.0			0.34	0.8		7.6	8.2	88		0.38	10		23.87	11.39	18.06
32.0	1228	7.0			0.34	0.8		7.6	8.2	88		0.44	11		23.89	11.39	18.08
32.0	1228	8.0			0.35	0.9		7.6	8.2	88		0.46	11		23.90	11.38	18.09
32.0	1228	9.0			0.35	0.9		7.6	8.3	88		0.50	11		23.92	11.38	18.10
32.0	1228	10.0	0.8	0.26	0.35	0.9		7.6	8.3	88		0.55	12		23.92	11.38	18.11
31.0	1216	1.0			0.43	1.4		7.6	8.2	86		0.14	7	1.5	18.69	12.15	13.93
31.0	1216	2.0			0.41	1.3		7.5	8.1	86		0.12	7		22.29	11.59	16.81
31.0	1216	3.0			0.38	1.1		7.5	8.1	87		0.09	7		23.14	11.55	17.48
31.0	1216	4.0			0.36	1.0		7.5	8.1	86		0.09	7		23.24	11.54	17.55
31.0	1216	5.0			0.34	0.8		7.5	8.1	86		0.10	7		23.71	11.47	17.93
31.0	1216	6.0			0.32	0.7		7.5	8.1	87		0.11	7		23.87	11.46	18.05
31.0	1216	7.0			0.32	0.7		7.5	8.1	87		0.12	7		23.91	11.46	18.08
31.0	1216	8.0			0.33	0.7		7.5	8.2	87		0.13	7		23.97	11.45	18.13
31.0	1216	9.0			0.32	0.7		7.5	8.2	87		0.15	8		24.01	11.43	18.17
31.0	1216	10.0			0.33	0.7		7.5	8.2	87		0.16	8		24.03	11.42	18.18
31.0	1216	11.0			0.34	0.8		7.6	8.2	87		0.29	9		24.05	11.42	18.19
31.0	1216	12.0			0.34	0.8		7.6	8.2	87		0.38	10		24.05	11.42	18.20
31.0	1216	13.0			0.35	0.9		7.6	8.2	88		0.39	10		24.05	11.42	18.20
31.0	1216	14.0			0.36	0.9		7.6	8.2	88		0.46	11		24.05	11.42	18.20
31.0	1216	15.0			0.36	0.9		7.6	8.2	87		0.57	12		24.05	11.42	18.19
30.0	1156	1.0			0.44	1.5		8.0	8.6	91		0.13	7	1.3	22.37	11.75	16.84
30.0	1156	2.0	2.0	0.62	0.46	1.6	8.8	8.0	8.6	91	5.3	0.12	7		22.41	11.68	16.88
30.0	1156	3.0			0.42	1.4		7.9	8.5	90		0.12	7		22.60	11.59	17.05
30.0	1156	4.0			0.38	1.1		7.9	8.5	91		0.11	7		23.23	11.45	17.56
30.0	1156	5.0			0.35	0.8		7.9	8.5	91		0.09	7		23.78	11.46	17.98
30.0	1156	6.0			0.34	0.8		7.9	8.5	91		0.10	7		23.80	11.45	18.00
30.0	1156	7.0			0.33	0.7		8.0	8.6	91		0.11	7		23.82	11.45	18.01
30.0	1156	8.0			0.33	0.7		8.0	8.6	91		0.10	7		23.82	11.45	18.02
30.0	1156	9.0			0.33	0.7		8.0	8.5	91		0.11	7		23.85	11.44	18.04
30.0	1156	10.0			0.33	0.7		8.0	8.6	92		0.12	7		23.90	11.43	18.08
30.0	1156	11.0			0.33	0.7		8.0	8.6	91		0.14	7		23.92	11.43	18.10
30.0	1156	12.0			0.33	0.7		8.0	8.6	92		0.15	8		23.92	11.43	18.10
30.0	1156	13.0			0.33	0.7		8.0	8.6	92		0.18	8		23.94	11.43	18.11
30.0	1156	14.0			0.34	0.8		8.0	8.6	92		0.22	8		23.95	11.43	18.12
30.0	1156	15.0			0.34	0.8		8.0	8.6	92		0.30	9		23.95	11.43	18.12
30.0	1156	16.0	0.7	0.29	0.34	0.8		8.0	8.6	92		0.28	9		23.95	11.43	18.12

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
29.5	1142	1.0			0.37	1.0		8.1	8.7	91		0.08	7	1.2	21.50	11.52	16.21
29.5	1142	2.0			0.37	1.0		8.1	8.7	92		0.08	7		22.26	11.36	16.82
29.5	1142	3.0			0.35	0.9		8.1	8.7	92		0.09	7		22.81	11.36	17.25
29.5	1142	4.0			0.34	0.8		8.1	8.6	92		0.08	7		22.99	11.41	17.38
29.5	1142	5.0			0.33	0.7		8.1	8.7	92		0.08	7		23.14	11.36	17.50
29.5	1142	6.0			0.33	0.7		8.1	8.7	92		0.08	7		23.39	11.42	17.69
29.5	1142	7.0			0.33	0.7		8.0	8.6	92		0.10	7		23.61	11.45	17.85
29.5	1142	8.0			0.33	0.7		8.1	8.6	92		0.11	7		23.74	11.44	17.95
29.5	1142	9.0			0.33	0.7		8.0	8.6	92		0.11	7		23.87	11.43	18.06
29.5	1142	10.0			0.33	0.7		8.0	8.6	92		0.11	7		23.89	11.43	18.07
29.5	1142	11.0			0.33	0.7		8.0	8.6	92		0.12	7		23.89	11.44	18.07
29.5	1142	12.0			0.33	0.8		8.0	8.6	92		0.14	8		23.91	11.43	18.08
29.5	1142	13.0			0.34	0.8		8.0	8.6	92		0.23	8		23.92	11.43	18.10
29.5	1142	14.0			0.35	0.9		8.1	8.6	92		0.28	9		23.93	11.43	18.10
29.5	1142	15.0			0.36	0.9		8.0	8.6	92		0.34	10		23.93	11.43	18.10
29.5	1142	16.0			0.37	1.0		8.0	8.6	92		0.44	11		23.93	11.43	18.10
29.5	1142	17.0			0.37	1.0		8.0	8.6	92		0.44	11		23.93	11.43	18.10
29.0	1130	1.0			0.38	1.1		8.0	8.6	90		0.13	7	1.3	20.69	11.53	15.58
29.0	1130	2.0			0.38	1.1		8.1	8.7	91		0.11	7		21.35	11.26	16.14
29.0	1130	3.0			0.35	0.9		8.1	8.7	91		0.09	7		21.93	11.25	16.58
29.0	1130	4.0			0.34	0.8		8.1	8.7	91		0.09	7		22.19	11.28	16.78
29.0	1130	5.0			0.32	0.7		8.1	8.7	92		0.08	7		22.62	11.26	17.11
29.0	1130	6.0			0.31	0.6		8.1	8.7	92		0.08	7		23.16	11.36	17.52
29.0	1130	7.0			0.31	0.6		8.1	8.7	92		0.08	7		23.58	11.38	17.84
29.0	1130	8.0			0.31	0.6		8.1	8.7	92		0.09	7		23.73	11.39	17.95
29.0	1130	9.0			0.31	0.6		8.1	8.7	92		0.10	7		23.84	11.39	18.04
29.0	1130	10.0			0.31	0.6		8.1	8.6	92		0.10	7		23.92	11.39	18.10
29.0	1130	11.0			0.32	0.6		8.1	8.6	92		0.10	7		23.94	11.40	18.12
29.0	1130	12.0			0.32	0.7		8.1	8.7	92		0.11	7		23.95	11.40	18.12
29.0	1130	13.0			0.33	0.7		8.1	8.6	92		0.15	8		23.96	11.41	18.13
29.0	1130	14.0			0.33	0.7		8.1	8.6	92		0.17	8		23.98	11.41	18.14
29.0	1130	15.0			0.34	0.8		8.1	8.6	92		0.18	8		23.98	11.41	18.14
29.0	1130	16.0			0.35	0.9		8.1	8.6	92		0.29	9		23.98	11.41	18.15
29.0	1130	17.0			0.35	0.9		8.1	8.6	92		0.39	10		23.99	11.41	18.15
28.0	1115	1.0			0.33	0.7		8.1	8.7	91		0.05	6	0.9	22.29	11.30	16.85
28.0	1115	2.0			0.33	0.7		8.0	8.6	91		0.05	6		22.29	11.29	16.86
28.0	1115	3.0			0.32	0.7		8.1	8.6	91		0.05	7		22.37	11.26	16.93
28.0	1115	4.0			0.31	0.6		8.1	8.6	91		0.05	7		22.53	11.27	17.05
28.0	1115	5.0			0.31	0.6		8.0	8.6	91		0.06	7		23.08	11.30	17.47
28.0	1115	6.0			0.30	0.5		8.0	8.6	91		0.06	7		23.38	11.29	17.70
28.0	1115	7.0			0.30	0.5		8.0	8.6	91		0.05	7		23.51	11.27	17.80

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
28.0	1115	8.0			0.30	0.5		8.0	8.6	91		0.05	7		23.61	11.27	17.89
28.0	1115	9.0			0.30	0.5		8.0	8.6	91		0.05	7		23.73	11.28	17.97
28.0	1115	10.0			0.30	0.5		8.0	8.6	91		0.06	7		23.81	11.30	18.03
28.0	1115	11.0			0.30	0.5		8.0	8.6	92		0.06	7		23.89	11.32	18.09
28.0	1115	12.0			0.31	0.6		8.0	8.6	91		0.07	7		24.06	11.36	18.22
28.0	1115	13.0			0.31	0.6		8.0	8.6	92		0.07	7		24.08	11.36	18.23
28.0	1115	14.0			0.31	0.6		8.0	8.6	92		0.08	7		24.08	11.36	18.23
28.0	1115	15.0			0.31	0.6		8.0	8.6	92		0.09	7		24.08	11.36	18.24
28.0	1115	16.0			0.31	0.6		8.0	8.6	92		0.09	7		24.08	11.36	18.24
28.0	1115	17.0			0.31	0.6		8.0	8.6	91		0.11	7		24.08	11.36	18.24
27.0	1101	1.0			0.34	0.8		7.9	8.5	91		0.05	7	1.0	23.35	11.47	17.65
27.0	1101	2.0	0.8	0.50	0.34	0.8	8.4	7.9	8.5	91	3.4	0.05	7		23.35	11.43	17.66
27.0	1101	3.0			0.34	0.8		8.0	8.5	91		0.06	7		23.38	11.38	17.68
27.0	1101	4.0			0.34	0.8		7.9	8.5	91		0.07	7		23.43	11.42	17.72
27.0	1101	5.0			0.33	0.7		7.9	8.5	90		0.07	7		23.53	11.36	17.81
27.0	1101	6.0			0.32	0.6		7.9	8.5	90		0.07	7		23.73	11.32	17.96
27.0	1101	7.0			0.31	0.6		7.9	8.5	90		0.07	7		23.79	11.32	18.01
27.0	1101	8.0			0.30	0.5		7.9	8.5	90		0.06	7		23.80	11.32	18.02
27.0	1101	9.0			0.30	0.5		7.9	8.5	91		0.06	7		23.82	11.32	18.03
27.0	1101	10.0			0.30	0.5		7.9	8.5	91		0.06	7		23.83	11.32	18.04
27.0	1101	11.0			0.30	0.5		7.9	8.5	91		0.06	7		23.84	11.32	18.05
27.0	1101	12.0			0.30	0.5		7.9	8.5	91		0.06	7		23.85	11.32	18.06
27.0	1101	13.0			0.30	0.5		7.9	8.5	91		0.06	7		23.90	11.33	18.09
27.0	1101	14.0	0.5	0.32	0.30	0.5		7.9	8.5	91		0.08	7		23.94	11.34	18.13
26.0	1048	1.0			0.33	0.7		7.6	8.2	87		0.06	7	1.0	21.80	11.42	16.45
26.0	1048	2.0			0.34	0.8		7.6	8.2	86		0.06	7		22.14	11.28	16.74
26.0	1048	3.0			0.34	0.8		7.6	8.3	87		0.08	7		22.48	11.19	17.02
26.0	1048	4.0			0.33	0.7		7.6	8.3	87		0.08	7		23.05	11.24	17.45
26.0	1048	5.0			0.32	0.6		7.6	8.2	87		0.08	7		23.22	11.26	17.58
26.0	1048	6.0			0.31	0.6		7.6	8.3	87		0.08	7		23.25	11.27	17.60
26.0	1048	7.0			0.31	0.6		7.6	8.3	88		0.08	7		23.26	11.27	17.61
26.0	1048	8.0			0.31	0.6		7.6	8.3	88		0.08	7		23.27	11.28	17.62
26.0	1048	9.0			0.31	0.6		7.6	8.3	88		0.08	7		23.27	11.28	17.62
26.0	1048	10.0			0.30	0.5		7.6	8.3	88		0.08	7		23.29	11.28	17.63
26.0	1048	11.0			0.30	0.5		7.7	8.3	88		0.07	7		23.31	11.29	17.64
25.0	1032	1.0			0.34	0.8		7.6	8.3	87		0.06	7	1.2	21.84	11.36	16.50
25.0	1032	2.0			0.34	0.8		7.7	8.3	87		0.08	7		22.39	11.25	16.94
25.0	1032	3.0			0.33	0.7		7.7	8.3	88		0.11	7		22.56	11.22	17.07
25.0	1032	4.0			0.32	0.7		7.7	8.3	88		0.14	7		22.61	11.22	17.11
25.0	1032	5.0			0.32	0.6		7.7	8.4	88		0.14	7		22:64	11.22	17.14

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
25.0	1032	6.0			0.31	0.6		7.8	8.4	88		0.14	7		22.69	11.23	17.18
25.0	1032	7.0			0.31	0.6		7.8	8.4	89		0.13	7		22.72	11.24	17.20
25.0	1032	8.0			0.31	0.6		7.8	8.4	89		0.14	7		22.76	11.24	17.23
25.0	1032	9.0			0.31	0.6		7.8	8.4	89		0.14	7		22.78	11.25	17.24
24.0	1017	1.0			0.33	0.7		7.5	8.2	86		0.12	7	1.5	22.80	11.34	17.24
24.0	1017	2.0	0.8	0.44	0.33	0.7		7.5	8.2	86	17.3	0.19	8		23.27	11.27	17.62
24.0	1017	3.0			0.33	0.7		7.5	8.2	86		0.27	9		23.35	11.26	17.68
24.0	1017	4.0			0.34	0.8		7.5	8.1	86		0.33	10		23.54	11.26	17.83
24.0	1017	5.0			0.34	0.8		7.5	8.1	86		0.40	10		23.65	11.27	17.91
24.0	1017	6.0			0.35	0.8		7.5	8.1	87		0.45	11		23.70	11.27	17.95
24.0	1017	7.0			0.35	0.9		7.5	8.1	86		0.50	11		23.75	11.27	17.99
24.0	1017	8.0			0.36	0.9		7.5	8.1	87		0.55	12		23.77	11.27	18.00
24.0	1017	9.0			0.37	1.0		7.5	8.1	87		0.61	13		23.77	11.27	18.01
24.0	1017	10.0			0.37	1.0		7.5	8.1	87		0.70	14		23.78	11.27	18.01
24.0	1017	11.0	0.9	0.18	0.37	1.0		7.5	8.1	87		0.80	15		23.78	11.27	18.02
23.0	1001	1.0			0.38	1.1		8.0	8.6	89		0.11	7	1.3	19.89	10.98	15.04
23.0	1001	2.0			0.38	1.1		8.1	8.7	89		0.10	7		20.44	10.96	15.47
23.0	1001	3.0			0.36	0.9		8.0	8.6	90		0.10	7		21.38	11.00	16.20
23.0	1001	4.0			0.33	0.7		8.0	8.6	90		0.08	7		22.26	11.06	16.87
23.0	1001	5.0			0.32	0.6		7.9	8.5	90		0.08	7		23.41	11.21	17.74
23.0	1001	6.0			0.31	0.6		7.9	8.5	90		0.08	7		23.71	11.24	17.97
23.0	1001	7.0			0.31	0.6		7.8	8.4	90		0.08	7		24.00	11.27	18.18
23.0	1001	8.0			0.30	0.6		7.8	8.4	90		0.08	7		24.43	11.30	18.51
23.0	1001	9.0			0.30	0.5		7.8	8.4	90		0.08	7		24.89	11.31	18.87
23.0	1001	10.0			0.30	0.5		7.7	8.3	90		0.08	7		25.80	11.36	19.57
23.0	1001	11.0			0.30	0.5		7.7	8.3	90		0.10	7		26.40	11.38	20.02
23.0	1001	12.0			0.30	0.5		7.6	8.3	90		0.12	7		26.81	11.40	20.34
23.0	1001	13.0			0.31	0.6		7.6	8.3	90		0.15	8		26.92	11.41	20.43
23.0	1001	14.0			0.31	0.6		7.6	8.2	90		0.18	8		27.09	11.42	20.56
23.0	1001	15.0			0.31	0.6		7.6	8.2	90		0.21	8		27.18	11.43	20.62
23.0	1001	16.0			0.31	0.6		7.6	8.2	90		0.21	8		27.18	11.43	20.63
22.0	0944	1.0			0.33	0.8		7.5	8.1	83		0.09	7	1.2	19.47	10.93	14.73
22.0	0944	2.0			0.34	0.8		7.4	8.0	84		0.10	7		21.15	10.99	16.01
22.0	0944	3.0			0.32	0.7		7.4	8.0	84		0.09	7		21.88	11.05	16.57
22.0	0944	4.0			0.32	0.6		7.3	8.0	84		0.09	7		22.54	11.12	17.08
22.0	0944	5.0			0.32	0.7		7.3	7.9	84		0.09	7		23.14	11.16	17.53
22.0	0944	6.0			0.32	0.6		7.3	7.9	84		0.09	7		23.82	11.20	18.06
22.0	0944	7.0			0.31	0.6		7.2	7.9	84		0.08	7		24.69	11.27	18.72
22.0	0944	8.0			0.30	0.5		7.2	7.8	84		0.08	7		25.69	11.32	19.49
22.0	0944	9.0			0.30	0.5		7.1	7.8	84		0.08	7		26:28	11.35	19.94

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
22.0	0944	10.0			0.30	0.5		7.1	7.7	84		0.07	7		26.67	11.36	20.24
22.0	0944	11.0			0.30	0.5		7.1	7.7	84		0.08	7		26.77	11.36	20.31
22.0	0944	12.0			0.31	0.6		7.1	7.7	84		0.08	7		26.82	11.37	20.35
22.0	0944	13.0			0.31	0.6		7.1	7.7	84		0.09	7		26.97	11.38	20.47
22.0	0944	14.0			0.31	0.6		7.0	7.7	84		0.11	7		27.55	11.42	20.91
22.0	0944	15.0			0.32	0.7		7.0	7.7	84		0.14	7		28.03	11.45	21.28
22.0	0944	16.0			0.32	0.7		7.0	7.7	84		0.18	8		28.15	11.45	21.37
22.0	0944	17.0			0.32	0.7		7.0	7.7	84		0.23	8		28.21	11.46	21.41
22.0	0944	18.0			0.33	0.7		7.0	7.7	84		0.25	9		28.23	11.46	21.43
22.0	0944	19.0			0.33	0.7		7.0	7.7	84		0.29	9		28.24	11.46	21.44
22.0	0944	20.0			0.32	0.7		7.0	7.7	84		0.35	10		28.25	11.46	21.45
21.0	0925	1.0			0.32	0.7		7.7	8.3	88		0.19	8	1.5	22.53	11.16	17.07
21.0	0925	2.0	0.6	0.35	0.32	0.7	8.4	7.7	8.3	88	7.7	0.20	8		22.68	11.17	17.18
21.0	0925	3.0			0.33	0.7		7.7	8.3	88		0.19	8		22.96	11.20	17.39
21.0	0925	4.0			0.33	0.7		7.7	8.3	88		0.19	8		23.20	11.22	17.57
21.0	0925	5.0			0.33	0.7		7.7	8.3	88		0.18	8		23.49	11.24	17.79
21.0	0925	6.0			0.32	0.7		7.7	8.3	88		0.16	8		23.75	11.25	17.99
21.0	0925	7.0			0.32	0.6		7.6	8.3	88		0.12	7		24.52	11.30	18.58
21.0	0925	8.0			0.31	0.6		7.6	8.2	88		0.10	7		24.97	11.32	18.93
21.0	0925	9.0			0.30	0.5		7.5	8.2	88		0.10	7		25.98	11.35	19.70
21.0	0925	10.0			0.30	0.5		7.5	8.1	88		0.10	7		26.62	11.37	20.20
21.0	0925	11.0			0.30	0.5		7.4	8.1	88		0.10	7		27.09	11.38	20.57
21.0	0925	12.0			0.30	0.5		7.4	8.1	88		0.09	7		27.58	11.40	20.94
21.0	0925	13.0			0.30	0.5		7.4	8.0	88		0.08	7		28.18	11.44	21.40
21.0	0925	14.0			0.30	0.5		7.4	8.0	88		0.11	7		28.55	11.46	21.68
21.0	0925	15.0			0.31	0.6		7.3	8.0	88		0.13	7		28.80	11.47	21.87
21.0	0925	16.0			0.32	0.6		7.3	8.0	88		0.16	8		28.93	11.48	21.98
21.0	0925	17.0			0.32	0.7		7.3	8.0	88		0.20	8		28.96	11.48	22.00
21.0	0925	18.0			0.32	0.7		7.3	8.0	88		0.22	8		28.97	11.48	22.00
21.0	0925	19.0			0.32	0.6		7.3	8.0	88		0.24	9		29.00	11.48	22.02
21.0	0925	20.0	0.8	0.29	0.31	0.6		7.3	8.0	88		0.27	9		28.99	11.48	22.01

	n	r^2	Slope	Inter.	Std. Err.
Fluorometer Calibration:	12	0.731	7.035	-1.592	0.212
OBS Calibration:	6	0.102	10.805	5.984	5.155
Dissolved Oxygen Calibration:	5	0.330	0.916	1.260	0.231

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
657.0	1625	1.0			0.61	2.4		10.1	8.5	80		1.63	81	5.8	0.10	12.51	0.00
657.0	1625	2.0	3.0	0.34	0.61	2.4	8.6	10.1	8.5	80	80.9	1.58	79		0.10	12.45	0.00
657.0	1625	3.0			0.61	2.4		10.1	8.5	80		1.57	79		0.10	12.42	0.00
657.0	1625	4.0			0.59	2.3		10.2	8.6	80		1.59	79		0.09	12.31	0.00
657.0	1625	5.0			0.58	2.2		10.1	8.5	80		1.52	77		0.09	12.22	0.00
657.0	1625	6.0			0.56	2.1		10.2	8.6	80		1.52	76		0.08	12.04	0.00
657.0	1625	7.0			0.55	2.0		10.3	8.7	81		1.50	76		0.07	11.92	0.00
657.0	1625	8.0			0.55	2.0		10.4	8.7	81		1.37	70		0.07	11.94	0.00
657.0	1625	9.0			0.55	2.0		10.4	8.7	81		1.31	67		0.08	11.94	0.00
657.0	1625	10.0			0.55	2.0		10.4	8.8	81		1.26	65		0.08	11.94	0.00
657.0	1625	11.0			0.55	1.9		10.4	8.8	81		1.26	65		0.08	11.94	0.00
657.0	1625	12.0	2.5	0.62	0.54	1.9		10.4	8.8	82		1.25	64		0.08	11.94	0.00
649.0	1530	1.0			0.63	2.5		10.6	8.9	84		1.81	89	7.6	0.10	12.62	0.00
649.0	1530	2.0	2.4	0.54	0.62	2.5	8.3	10.5	8.9	83	80.3	1.76	87		0.10	12.39	0.00
649.0	1530	3.0			0.63	2.6		10.6	8.9	83		1.75	87		0.10	12.18	0.00
649.0	1530	4.0			0.64	2.6		10.6	8.9	83		1.78	88		0.10	12.13	0.00
649.0	1530	5.0			0.64	2.6		10.6	8.9	83		1.79	88		0.10	12.13	0.00
649.0	1530	6.0			0.63	2.6		10.6	9.0	84		1.82	89		0.10	12.10	0.00
649.0	1530	7.0			0.62	2.5		10.6	8.9	83		1.86	91		0.10	12.08	0.00
649.0	1530	8.0			0.62	2.5		10.7	9.0	84		1.85	91		0.10	12.02	0.00
649.0	1530	9.0			0.62	2.5		10.6	8.9	83		1.83	90		0.10	12.03	0.00
649.0	1530	10.0			0.61	2.5		10.6	8.9	83		1.82	90		0.10	11.95	0.00
649.0	1530	11.0			0.61	2.4		10.7	9.0	83		1.76	87		0.09	11.87	0.00
649.0	1530	12.0	3.5	0.40	0.62	2.5		10.7	9.0	84		1.70	84		0.10	11.89	0.00
2.0	1512	1.0			0.50	1.6		10.9	9.1	84		1.08	57	5.2	0.09	11.23	0.00
2.0	1512	2.0			0.51	1.6		10.9	9.2	84		0.99	53		0.09	11.22	0.00
2.0	1512	3.0			0.50	1.6		10.8	9.1	83		0.97	52		0.09	11.25	0.00
2.0	1512	4.0			0.50	1.6		10.8	9.1	83		1.01	54		0.09	11.22	0.00
2.0	1512	5.0			0.50	1.6		10.9	9.2	84		1.00	53		0.09	11.16	0.00
2.0	1512	6.0			0.50	1.6		10.9	9.1	83		0.99	53		0.09	11.14	0.00
2.0	1512	7.0			0.50	1.6		10.9	9.2	83		0.98	52		0.09	11.12	0.00
2.0	1512	8.0			0.50	1.6		10.9	9.2	83		0.97	52		0.09	11.09	0.00
2.0	1512	9.0			0.50	1.6		10.9	9.2	84		0.99	53		0.09	11.06	0.00
2.0	1512	10.0			0.50	1.6		10.9	9.2	84		1.01	54		0.09	11.07	0.00
2.0	1512	11.0			0.50	1.6		10.9	9.2	84		1.00	53		0.09	11.08	0.00
2.0	1512	12.0			0.50	1.6		10.9	9.2	84		1.02	55		0.09	11.08	0.00
3.0	1458	1.0			0.50	1.6		10.8	9.1	83		1.16	61	5.0	0.08	11.23	0.00
3.0	1458	2.0	1.2	0.35	0.50	1.6	9.4	10.9	9.1	84	64.8	1.14	60		0.08	11.22	0.00
3.0	1458	3.0			0.50	1.6		10.9	9.1	84		1.12	59		0.08	11.22	0.00
3.0	1458	4.0			0.49	1.5		10.8	9.1	83		1.13	59		0.08	11.20	0.00

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
3.0	1458	5.0			0.50	1.6		10.8	9.1	83		1.12	59		0.08	11.19	0.00
3.0	1458	6.0			0.50	1.6		10.9	9.1	83		1.11	58		0.08	11.14	0.00
3.0	1458	7.0			0.50	1.6		10.9	9.2	83		1.13	59		0.09	11.12	0.00
3.0	1458	8.0			0.49	1.6		10.9	9.2	84		1.14	60		0.09	11.11	0.00
3.0	1458	9.0			0.49	1.5		10.9	9.2	84		1.15	60		0.09	11.11	0.00
3.0	1458	10.0			0.49	1.5		10.9	9.2	84		1.13	59		0.09	11.11	0.00
3.0	1458	11.0			0.49	1.5		10.9	9.2	84		1.14	60		0.09	11.10	0.00
3.0	1458	12.0	1.4	0.37	0.49	1.5		10.9	9.2	84		1.16	60		0.09	11.10	0.00
4.0	1437	1.0			0.50	1.6		10.8	9.1	83		0.91	50	4.0	0.09	11.32	0.00
4.0	1437	2.0			0.50	1.6		10.8	9.1	83		0.86	47		0.09	11.17	0.00
4.0	1437	3.0			0.51	1.6		10.8	9.1	83		0.89	48		0.09	11.11	0.00
4.0	1437	4.0			0.51	1.6		10.8	9.1	83		1.00	53		0.09	11.11	0.00
4.0	1437	5.0			0.51	1.7		10.8	9.1	83		1.07	57		0.09	11.11	0.00
4.0	1437	6.0			0.51	1.7		10.9	9.1	83		1.10	58		0.09	11.11	0.00
4.0	1437	7.0			0.51	1.7		10.9	9.1	83		1.12	59		0.09	11.10	0.00
4.0	1437	8.0			0.51	1.7		10.9	9.1	83		1.17	61		0.09	11.11	0.00
4.0	1437	9.0			0.52	1.7		10.9	9.2	84		1.10	58		0.09	11.10	0.00
4.0	1437	10.0			0.52	1.7		10.9	9.2	83		1.11	58		0.09	11.10	0.00
4.0	1437	11.0			0.51	1.7		10.9	9.2	83		1.17	61		0.09	11.10	0.00
4.0	1437	12.0			0.52	1.7		10.9	9.2	84		1.17	61		0.09	11.09	0.00
4.0	1437	13.0			0.52	1.7		10.9	9.2	84		1.20	62		0.09	11.08	0.00
4.0	1437	14.0			0.52	1.7		10.9	9.2	84		1.21	63		0.09	11.09	0.00
4.0	1437	15.0			0.52	1.8		10.9	9.2	84		1.23	63		0.09	11.09	0.00
4.0	1437	16.0			0.52	1.8		10.9	9.2	84		1.22	63		0.09	11.09	0.00
4.0	1437	17.0			0.52	1.8		10.9	9.2	84		1.22	63		0.09	11.09	0.00
4.0	1437	18.0			0.53	1.8		10.9	9.2	84		1.23	64		0.09	11.08	0.00
4.0	1437	19.0			0.53	1.9		10.9	9.2	84		1.24	64		0.09	11.07	0.00
5.0	1421	1.0			0.49	1.5		10.8	9.1	83		0.83	46	4.0	0.09	10.98	0.00
5.0	1421	2.0			0.49	1.5		10.8	9.1	82		0.81	45		0.09	10.98	0.00
5.0	1421	3.0			0.49	1.5		10.8	9.1	83		0.82	46		0.09	10.97	0.00
5.0	1421	4.0			0.49	1.5		10.8	9.1	82		0.85	47		0.09	10.98	0.00
5.0	1421	5.0			0.49	1.5		10.8	9.1	83		0.84	46		0.09	10.95	0.00
5.0	1421	6.0			0.50	1.6		10.8	9.1	82		0.85	47		0.09	10.94	0.00
5.0	1421	7.0			0.50	1.6		10.8	9.1	83		0.86	47		0.09	10.94	0.00
5.0	1421	8.0			0.50	1.6		10.8	9.1	83		0.87	48		0.09	10.94	0.00
5.0	1421	9.0			0.49	1.5		10.8	9.1	83		0.88	48		0.09	10.94	0.00
5.0	1421	10.0			0.50	1.6		10.9	9.1	83		0.88	48		0.09	10.94	0.00
5.0	1421	11.0			0.50	1.6		10.8	9.1	83		0.90	49		0.09	10.94	0.00
5.0	1421	12.0			0.49	1.6		10.8	9.1	83		0.91	50		0.09	10.95	0.00

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
6.0	1359	1.0			0.46	1.3		10.9	9.2	83		0.79	44	3.8	0.09	10.74	0.00
6.0	1359	2.0	1.3	0.46	0.46	1.3	8.9	10.9	9.1	83	46.5	0.82	46		0.09	10.74	0.00
6.0	1359	3.0			0.46	1.3		10.9	9.2	83		0.83	46		0.09	10.73	0.00
6.0	1359	4.0			0.46	1.3		10.9	9.2	83		0.85	47		0.09	10.72	0.00
6.0	1359	5.0			0.46	1.3		10.9	9.2	83		0.87	47		0.09	10.72	0.00
6.0	1359	6.0			0.47	1.3		10.9	9.2	83		0.87	47		0.09	10.72	0.00
6.0	1359	7.0			0.47	1.3		10.9	9.2	83		0.87	48		0.09	10.72	0.00
6.0	1359	8.0			0.47	1.3		10.9	9.2	83		0.87	48		0.09	10.72	0.00
6.0	1359	9.0			0.46	1.3		10.9	9.2	83		0.88	48		0.09	10.72	0.00
6.0	1359	10.0			0.46	1.3		10.9	9.2	83		0.89	48		0.09	10.72	0.00
6.0	1359	11.0			0.46	1.3		10.9	9.2	83		0.89	48		0.09	10.72	0.00
6.0	1359	12.0	1.2	0.39	0.47	1.3		10.9	9.2	83		0.90	49		0.09	10.72	0.00
7.0	1337	1.0			0.49	1.5		11.2	9.4	85		0.96	52	4.4	0.11	10.82	0.00
7.0	1337	2.0			0.49	1.5		11.2	9.4	86		0.94	51		0.11	10.80	0.00
7.0	1337	3.0			0.49	1.5		11.3	9.5	86		0.98	53		0.11	10.76	0.00
7.0	1337	4.0			0.49	1.5		11.3	9.5	86		1.01	54		0.11	10.76	0.00
7.0	1337	5.0			0.49	1.5		11.3	9.5	86		1.01	54		0.11	10.76	0.00
7.0	1337	6.0			0.49	1.5		11.3	9.5	86		1.01	54		0.11	10.76	0.00
7.0	1337	7.0			0.49	1.5		11.2	9.5	86		1.02	54		0.11	10.75	0.00
7.0	1337	8.0			0.49	1.5		11.2	9.4	85		1.03	55		0.11	10.75	0.00
7.0	1337	9.0			0.49	1.5		11.2	9.4	85		1.03	55		0.11	10.75	0.00
7.0	1337	10.0			0.49	1.5		11.2	9.4	85		1.03	55		0.11	10.75	0.00
7.0	1337	11.0			0.49	1.6		11.2	9.4	85		1.05	56		0.11	10.76	0.00
7.0	1337	12.0			0.50	1.6		11.2	9.4	85		1.07	56		0.11	10.75	0.00
7.0	1337	13.0			0.50	1.6		11.2	9.4	85		1.09	57		0.11	10.75	0.00
7.0	1337	14.0			0.49	1.5		11.3	9.5	86		1.11	58		0.11	10.75	0.00
8.0	1317	1.0			0.48	1.5		11.3	9.5	86		1.04	55	4.4	0.13	10.73	0.00
8.0	1317	2.0			0.48	1.5		11.3	9.5	86		1.03	55		0.13	10.73	0.00
8.0	1317	3.0			0.48	1.5		11.3	9.5	86		1.02	54		0.12	10.73	0.00
8.0	1317	4.0			0.48	1.5		11.3	9.5	86		1.02	54		0.13	10.72	0.00
8.0	1317	5.0			0.48	1.4		11.3	9.5	86		1.02	55		0.13	10.71	0.00
8.0	1317	6.0			0.49	1.5		11.3	9.5	86		1.09	57		0.13	10.71	0.00
8.0	1317	7.0			0.49	1.5		11.3	9.5	86		1.15	60		0.14	10.72	0.00
8.0	1317	8.0			0.49	1.5		11.3	9.5	86		1.32	67		0.14	10.72	0.00
8.0	1317	9.0			0.50	1.6		11.3	9.5	86		1.29	66		0.14	10.72	0.00
8.0	1317	10.0			0.51	1.6		11.3	9.5	86		1.33	68		0.14	10.72	0.00
8.0	1317	11.0			0.51	1.7		11.3	9.5	86		1.48	75		0.15	10.72	0.00
8.0	1317	12.0			0.52	1.8		11.3	9.5	86		1.64	82		0.15	10.72	0.00
8.0	1317	13.0			0.52	1.8		11.3	9.5	86		1.63	81		0.15	10.72	0.00
8.0	1317	14.0			0.52	1.8		11.3	9.5	86		1.63	81		0.15	10.72	0.00
8.0	1317	15.0			0.53	1.8		11.3	9.5	86		1.66	83		0.15	10.72	0.00

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
8.0	1317	16.0			0.53	1.8		11.3	9.5	86		1.66	83		0.15	10.72	0.00
9.0	1300	1.0			0.50	1.6		11.2	9.4	85		1.22	63	4.8	0.17	10.73	0.00
9.0	1300	2.0	0.9	0.27	0.50	1.6	9.4	11.2	9.4	85	65.9	1.21	63		0.19	10.68	0.00
9.0	1300	3.0			0.50	1.6		11.2	9.4	85		1.23	64		0.20	10.68	0.00
9.0	1300	4.0			0.50	1.6		11.2	9.4	85		1.26	65		0.22	10.67	0.00
9.0	1300	5.0			0.50	1.6		11.2	9.4	85		1.25	64		0.23	10.67	0.00
9.0	1300	6.0			0.50	1.6		11.2	9.4	85		1.27	65		0.24	10.67	0.00
9.0	1300	7.0			0.50	1.6		11.2	9.4	85		1.28	66		0.25	10.66	0.00
9.0	1300	8.0			0.50	1.6		11.2	9.4	85		1.30	67		0.27	10.66	0.00
9.0	1300	9.0			0.51	1.6		11.2	9.5	85		1.33	68		0.38	10.66	0.00
9.0	1300	10.0			0.51	1.7		11.2	9.4	85		1.33	68		0.41	10.66	0.00
9.0	1300	11.0			0.51	1.7		11.2	9.4	85		1.33	68		0.55	10.66	0.08
9.0	1300	12.0			0.51	1.6		11.2	9.4	86		1.33	68		0.66	10.66	0.16
9.0	1300	13.0			0.50	1.6		11.2	9.4	86		1.32	68		0.82	10.66	0.29
9.0	1300	14.0			0.50	1.6		11.2	9.4	86		1.29	66		1.18	10.67	0.56
9.0	1300	15.0			0.50	1.6		11.2	9.4	86		1.28	66		1.55	10.69	0.85
9.0	1300	16.0			0.53	1.8		11.1	9.4	86		1.27	65		2.46	10.73	1.56
9.0	1300	17.0			0.57	2.1		11.0	9.3	86		1.49	75		3.47	10.77	2.34
9.0	1300	18.0			0.59	2.3		11.0	9.3	86		2.13	103		3.69	10.78	2.51
9.0	1300	19.0			0.61	2.4		11.0	9.2	86		2.77	132		4.00	10.80	2.75
9.0	1300	20.0			0.62	2.5		11.0	9.2	86		3.41	160		3.97	10.80	2.73
9.0	1300	21.0			0.62	2.5		11.0	9.2	86		4.02	187		4.16	10.81	2.87
9.0	1300	22.0			0.61	2.5		10.9	9.2	86		4.39	203		4.52	10.82	3.15
9.0	1300	23.0			0.61	2.4		10.9	9.2	86		4.56	211		4.70	10.83	3.29
9.0	1300	24.0			0.61	2.4		10.9	9.2	86		4.51	208		4.70	10.83	3.29
9.0	1300	25.0			0.61	2.4		10.9	9.2	86		4.38	203		4.69	10.83	3.28
9.0	1300	26.0			0.61	2.4		10.9	9.2	86		4.33	201		4.71	10.83	3.30
9.0	1300	27.0			0.62	2.5		10.9	9.2	86		4.34	201		4.70	10.83	3.29
9.0	1300	28.0			0.62	2.5		10.9	9.2	86		4.43	205		4.68	10.83	3.28
9.0	1300	29.0	1.4	0.13	0.62	2.5		10.9	9.2	86		4.54	210		4.65	10.83	3.25
10.0	1247	1.0			0.51	1.7		10.9	9.2	83		1.28	66	5.1	0.41	10.64	0.00
10.0	1247	2.0			0.51	1.7		10.9	9.2	83		1.30	67		0.48	10.65	0.02
10.0	1247	3.0			0.51	1.7		10.9	9.2	83		1.34	68		0.57	10.65	0.09
10.0	1247	4.0			0.51	1.7		10.9	9.2	83		1.37	70		0.69	10.65	0.19
10.0	1247	5.0			0.51	1.7		10.9	9.2	83		1.36	69		0.98	10.66	0.41
10.0	1247	6.0			0.52	1.7		10.9	9.2	83		1.47	74		1.15	10.68	0.54
10.0	1247	7.0			0.52	1.7		10.9	9.2	83		1.51	76		1.26	10.68	0.63
10.0	1247	8.0			0.52	1.8		10.9	9.2	84		1.54	77		1.27	10.68	0.63
10.0	1247	9.0			0.52	1.7		10.9	9.2	84		1.50	76		1.29	10.68	0.65
10.0	1247	10.0			0.51	1.7		10.9	9.2	84		1.46	74		1.32	10.69	0.68
10.0	1247	11.0			0.51	1.7		10.9	9.2	84		1.43	72		1.51	10.70	0.82

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
10.0	1247	12.0			0.51	1.6		10.9	9.2	84		1.42	72		2.25	10.74	1.39
10.0	1247	13.0			0.50	1.6		10.9	9.2	84		1.44	73		2.80	10.78	1.82
10.0	1247	14.0			0.50	1.6		10.8	9.1	84		1.50	76		3.52	10.81	2.38
10.0	1247	15.0			0.50	1.6		10.8	9.1	85		1.60	80		4.76	10.85	3.33
10.0	1247	16.0			0.51	1.7		10.7	9.0	84		1.90	93		5.91	10.90	4.22
10.0	1247	17.0			0.52	1.8		10.6	9.0	84		2.22	107		6.16	10.91	4.41
10.0	1247	18.0			0.53	1.8		10.6	9.0	85		2.36	114		6.38	10.93	4.58
10.0	1247	19.0			0.53	1.8		10.6	8.9	84		2.54	122		6.54	10.93	4.70
10.0	1247	20.0			0.53	1.8		10.6	8.9	84		2.61	125		6.46	10.93	4.65
11.0	1227	1.0			0.51	1.7		11.1	9.3	85		1.47	74	5.8	0.96	10.82	0.38
11.0	1227	2.0			0.51	1.7		11.1	9.3	85		1.38	70		1.15	10.78	0.53
11.0	1227	3.0			0.51	1.7		11.1	9.3	85		1.35	69		1.44	10.74	0.76
11.0	1227	4.0			0.50	1.6		11.5	9.7	89		1.29	66		1.99	10.73	1.19
11.0	1227	5.0			0.50	1.6		11.4	9.6	89		1.21	63		3.12	11.33	2.01
11.0	1227	6.0			0.50	1.6		10.8	9.1	86		1.12	58		3.56	11.58	2.32
11.0	1227	7.0			0.49	1.5		10.7	9.0	84		1.10	58		3.62	11.27	2.40
11.0	1227	8.0			0.49	1.5		10.9	9.2	85		1.10	58		3.75	10.94	2.54
11.0	1227	9.0			0.49	1.5		10.9	9.2	85		1.22	63		3.81	10.93	2.59
11.0	1227	10.0			0.50	1.6		10.9	9.2	86		1.46	74		3.97	10.94	2.71
11.0	1227	11.0			0.49	1.5		11.0	9.3	87		1.62	81		4.45	10.94	3.09
11.0	1227	12.0			0.50	1.6		10.7	9.0	86		1.53	77		8.04	11.07	5.85
11.0	1227	13.0			0.52	1.8		10.6	8.9	86		2.29	110		9.07	11.11	6.65
11.0	1227	14.0			0.54	1.9		10.6	8.9	87		3.09	146		9.92	11.16	7.30
11.0	1227	15.0			0.54	1.9		10.5	8.8	86		3.48	163		11.21	11.23	8.29
11.0	1227	16.0			0.54	1.9		10.4	8.8	86		3.77	176		11.31	11.23	8.37
12.0	1209	1.0			0.51	1.6		11.1	9.4	86		1.33	68	5.7	1.57	11.14	0.82
12.0	1209	2.0			0.50	1.6		10.5	8.8	82		1.27	65		2.84	11.36	1.79
12.0	1209	3.0			0.47	1.4		10.6	8.9	83		1.20	62		4.16	10.91	2.86
12.0	1209	4.0			0.45	1.2		10.6	8.9	84		1.02	54		6.23	10.94	4.47
12.0	1209	5.0			0.43	1.1		10.6	8.9	85		0.85	47		7.82	11.04	5.68
12.0	1209	6.0			0.42	1.0		10.5	8.8	86		0.70	40		9.83	11.22	7.22
12.0	1209	7.0			0.43	1.1		10.2	8.6	85		0.88	48		12.80	11.35	9.51
12.0	1209	8.0			0.46	1.3		10.1	8.5	85		1.72	85		13.44	11.35	10.00
12.0	1209	9.0			0.50	1.6		10.1	8.5	85		2.46	118		13.73	11.36	10.22
12.0	1209	10.0			0.50	1.6		10.1	8.5	85		3.62	169		14.24	11.36	10.61
13.0	1146	1.0			0.44	1.1		10.7	9.0	85		0.76	43	3.7	4.42	11.04	3.05
13.0	1146	2.0	0.8	0.27	0.43	1.1	9.2	10.8	9.1	86	40.3	0.73	41		5.62	11.03	3.98
13.0	1146	3.0			0.42	1.0		10.7	9.0	86		0.68	39		7.96	11.20	5.78
13.0	1146	4.0			0.40	0.8		10.5	8.9	87		0.61	36		10.76	11.38	7.92
13.0	1146	5.0			0.39	0.7		10.3	8.7	87		0.51	32		13.36	11.49	9.91

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
13.0	1146	6.0			0.38	0.7		10.1	8.5	87		0.40	27		16.05	11.53	11.99
13.0	1146	7.0			0.39	0.8		9.9	8.4	86		0.67	39		18.04	11.61	13.52
13.0	1146	8.0			0.42	1.0		9.9	8.3	86		1.17	61		18.55	11.63	13.91
13.0	1146	9.0			0.44	1.1		9.9	8.3	86		1.38	70		18.74	11.64	14.06
13.0	1146	10.0	0.9	0.15	0.43	1.1		9.8	8.3	86		1.63	81		18.76	11.65	14.07
14.0	1130	1.0			0.44	1.2		10.4	8.8	83		0.71	41	3.6	4.28	11.42	2.90
14.0	1130	2.0			0.43	1.1		10.7	9.0	85		0.62	37		5.80	11.04	4.12
14.0	1130	3.0			0.41	0.9		10.6	8.9	86		0.55	34		8.03	11.32	5.81
14.0	1130	4.0			0.39	0.8		10.4	8.7	87		0.51	32		11.88	11.46	8.78
14.0	1130	5.0			0.38	0.7		10.1	8.5	86		0.44	29		14.65	11.56	10.91
14.0	1130	6.0			0.37	0.6		10.1	8.5	86		0.42	28		16.31	11.64	12.17
14.0	1130	7.0			0.36	0.6		9.9	8.4	86		0.40	27		17.90	11.69	13.39
14.0	1130	8.0			0.36	0.6		9.9	8.3	87		0.35	25		19.10	11.72	14.32
14.0	1130	9.0			0.36	0.5		9.8	8.2	86		0.39	27		20.09	11.75	15.08
14.0	1130	10.0			0.37	0.6		9.7	8.2	86		0.47	30		21.35	11.79	16.05
14.0	1130	11.0			0.39	0.7		9.6	8.1	86		0.82	46		22.14	11.82	16.66
14.0	1130	12.0			0.42	1.0		9.6	8.1	86		1.20	62		22.20	11.82	16.70
14.0	1130	13.0			0.45	1.2		9.6	8.1	86		1.64	82		22.34	11.82	16.81
14.0	1130	14.0			0.48	1.5		9.6	8.1	86		2.17	105		22.38	11.82	16.84
14.0	1130	15.0			0.49	1.5		9.6	8.1	86		2.78	132		22.41	11.82	16.86
15.0	1110	1.0			0.42	1.0		11.0	9.2	88		0.41	27	2.5	6.50	11.41	4.61
15.0	1110	2.0	0.9	0.31	0.41	0.9	9.4	10.9	9.2	89		0.40	27		7.66	11.40	5.52
15.0	1110	3.0			0.40	0.9		10.8	9.1	89		0.41	27		9.55	11.43	6.98
15.0	1110	4.0			0.39	0.8		10.8	9.1	89		0.42	28		10.69	11.49	7.85
15.0	1110	5.0			0.38	0.7		10.5	8.9	89		0.40	27		14.20	11.61	10.55
15.0	1110	6.0			0.38	0.7		10.4	8.7	89		0.33	24		16.00	11.65	11.94
15.0	1110	7.0			0.37	0.6		10.3	8.7	89		0.39	27		16.26	11.66	12.13
15.0	1110	8.0			0.37	0.6		10.3	8.7	89		0.43	28		16.54	11.67	12.35
15.0	1110	9.0			0.37	0.6		10.2	8.6	89		0.46	29		17.75	11.72	13.27
15.0	1110	10.0			0.37	0.6		10.2	8.6	89		0.50	31		18.65	11.74	13.97
15.0	1110	11.0			0.37	0.6		10.1	8.5	89		0.53	33		19.66	11.76	14.75
15.0	1110	12.0			0.37	0.6		10.0	8.4	89		0.74	42		21.75	11.81	16.35
15.0	1110	13.0			0.37	0.6		9.9	8.3	89		0.81	45		22.27	11.81	16.76
15.0	1110	14.0			0.39	0.8		9.9	8.3	89		0.79	44		22.49	11.82	16.92
15.0	1110	15.0			0.39	0.8		9.8	8.3	89		0.78	44		22.88	11.83	17.22
15.0	1110	16.0			0.38	0.7		9.8	8.3	89		0.75	43		23.21	11.83	17.48
15.0	1110	17.0			0.38	0.7		9.8	8.3	89		0.77	43		23.24	11.83	17.50
15.0	1110	18.0			0.37	0.6		9.8	8.3	89		0.79	44		23.33	11.83	17.57
15.0	1110	19.0			0.39	0.7		9.8	8.3	89		0.92	50		23.39	11.83	17.62
15.0	1110	20.0			0.39	0.8		9.8	8.3	89		0.94	51		23.40	11.83	17.63
15.0	1110	21.0			0.38	0.7		9.8	8.3	89		0.98	53		23.40	11.83	17.63

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
15.0	1110	22.0			0.38	0.7		9.8	8.2	88		1.01	54		23.40	11.83	17.63
15.0	1110	23.0			0.38	0.7		9.8	8.2	88		1.04	55		23.41	11.83	17.64
15.0	1110	24.0	0.9	0.18	0.39	0.7		9.8	8.2	89		1.11	58		23.42	11.83	17.64
16.0	1042	1.0			0.39	0.8		10.7	9.0	87		0.31	23	2.2	8.97	11.50	6.52
16.0	1042	2.0			0.39	0.7		10.6	8.9	87		0.31	23		10.24	11.54	7.50
16.0	1042	3.0			0.38	0.7		10.5	8.8	88		0.36	25		11.94	11.58	8.81
16.0	1042	4.0			0.37	0.6		10.4	8.8	88		0.37	25		13.86	11.64	10.28
16.0	1042	5.0			0.36	0.5		10.2	8.6	88		0.33	24		16.87	11.72	12.59
16.0	1042	6.0			0.35	0.4		10.1	8.5	88		0.29	22		19.07	11.80	14.29
16.0	1042	7.0			0.34	0.4		9.8	8.2	88		0.24	20		23.40	11.87	17.62
16.0	1042	8.0			0.34	0.4		9.7	8.2	88		0.25	20		24.67	11.88	18.60
16.0	1042	9.0			0.34	0.4		9.6	8.1	88		0.37	26		25.23	11.89	19.03
16.0	1042	10.0			0.34	0.4		9.6	8.1	88		0.38	26		25.76	11.89	19.44
16.0	1042	11.0			0.34	0.4		9.6	8.1	88		0.38	26		25.81	11.89	19.48
16.0	1042	12.0			0.35	0.4		9.6	8.1	88		0.42	28		25.81	11.89	19.48
16.0	1042	13.0			0.35	0.4		9.6	8.1	88		0.44	28		25.81	11.89	19.48
16.0	1042	14.0			0.35	0.5		9.6	8.1	88		0.45	29		25.81	11.89	19.48
16.0	1042	15.0			0.35	0.4		9.6	8.1	88		0.46	30		25.82	11.89	19.49
16.0	1042	16.0			0.34	0.4		9.6	8.1	88		0.48	30		25.82	11.89	19.49
17.0	1023	1.0			0.35	0.5		10.2	8.6	88		0.23	20	1.6	15.79	11.80	11.75
17.0	1023	2.0			0.35	0.4		9.9	8.3	87		0.18	17		19.35	11.81	14.50
17.0	1023	3.0			0.34	0.4		9.8	8.3	87		0.17	17		20.95	11.80	15.73
17.0	1023	4.0			0.33	0.3		9.7	8.2	87		0.15	16		22.05	11.81	16.58
17.0	1023	5.0			0.33	0.3		9.7	8.2	87		0.13	15		22.62	11.82	17.03
17.0	1023	6.0			0.32	0.3		9.7	8.1	87		0.13	15		22.91	11.82	17.25
17.0	1023	7.0			0.32	0.3		9.6	8.1	87		0.14	15		23.71	11.84	17.86
17.0	1023	8.0			0.32	0.2		9.6	8.1	87		0.14	15		24.29	11.85	18.31
17.0	1023	9.0			0.32	0.2		9.6	8.1	88		0.12	15		25.05	11.87	18.90
17.0	1023	10.0			0.33	0.3		9.6	8.0	88		0.15	16		25.50	11.88	19.24
17.0	1023	11.0			0.34	0.4		9.5	8.0	88		0.32	23		25.58	11.89	19.31
17.0	1023	12.0			0.34	0.4		9.6	8.1	88		0.41	27		25.76	11.89	19.45
17.0	1023	13.0			0.34	0.4		9.5	8.0	88		0.48	30		26.15	11.91	19.74
17.0	1023	14.0			0.34	0.4		9.5	8.0	88		0.49	31		26.22	11.91	19.80
18.0	0955	1.0			0.33	0.3		9.9	8.4	88		0.10	13	1.2	19.47	11.89	14.57
18.0	0955	2.0	0.5	0.26	0.33	0.3	8.5	9.9	8.4	89	10.4	0.10	13		21.00	11.88	15.76
18.0	0955	3.0			0.32	0.3		9.9	8.3	89		0.10	14		21.79	11.89	16.38
18.0	0955	4.0			0.32	0.2		9.9	8.3	89		0.10	13		22.19	11.89	16.68
18.0	0955	5.0			0.32	0.2		9.9	8.3	89		0.09	13		22.33	11.89	16.79
18.0	0955	6.0			0.32	0.2		9.9	8.3	89		0.09	13		22.45	11.89	16.88
18.0	0955	7.0			0.32	0.2		9.9	8.3	89		0.09	13		22.62	11.89	17.01

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
18.0	0955	8.0			0.32	0.2		9.8	8.3	89		0.09	13		22.84	11.90	17.18
18.0	0955	9.0			0.32	0.2		9.8	8.3	88		0.09	13		22.91	11.90	17.24
18.0	0955	10.0			0.32	0.2		9.8	8.3	88		0.09	13		22.88	11.90	17.21
18.0	0955	11.0			0.32	0.3		9.8	8.2	88		0.08	13		22.97	11.90	17.28
18.0	0955	12.0			0.32	0.3		9.8	8.2	88		0.09	13		23.27	11.90	17.51
18.0	0955	13.0			0.33	0.3		9.8	8.2	88		0.09	13		23.60	11.90	17.77
18.0	0955	14.0			0.33	0.3		9.8	8.2	89		0.08	13		23.83	11.91	17.95
18.0	0955	15.0			0.32	0.2		9.8	8.2	89		0.08	13		23.87	11.91	17.98
18.0	0955	16.0			0.32	0.2		9.7	8.2	89		0.08	13		24.12	11.91	18.17
18.0	0955	17.0			0.32	0.2		9.7	8.2	89		0.08	13		24.36	11.91	18.36
18.0	0955	18.0			0.32	0.2		9.7	8.2	89		0.08	13		24.73	11.92	18.64
18.0	0955	19.0			0.32	0.2		9.7	8.2	89		0.07	12		25.38	11.93	19.15
18.0	0955	20.0			0.31	0.2		9.6	8.1	89		0.05	12		26.43	11.94	19.96
18.0	0955	21.0			0.31	0.2		9.6	8.1	89		0.05	11		26.72	11.95	20.18
18.0	0955	22.0			0.31	0.2		9.6	8.1	89		0.05	11		26.85	11.95	20.27
18.0	0955	23.0			0.33	0.3		9.6	8.1	89		0.06	12		27.58	11.96	20.84
18.0	0955	24.0			0.34	0.4		9.6	8.1	89		0.10	14		28.00	11.97	21.17
18.0	0955	25.0			0.33	0.3		9.6	8.1	90		0.14	15		28.03	11.97	21.18
18.0	0955	26.0			0.35	0.5		9.6	8.1	90		0.22	19		28.17	11.97	21.29
18.0	0955	27.0			0.35	0.5		9.6	8.1	90		0.27	21		28.33	11.97	21.42
18.0	0955	28.0			0.34	0.4		9.6	8.1	90		0.28	21		28.36	11.98	21.44
18.0	0955	29.0			0.34	0.4		9.6	8.1	90		0.28	22		28.36	11.98	21.44
18.0	0955	30.0			0.33	0.3		9.6	8.1	90		0.29	22		28.35	11.98	21.43
18.0	0955	31.0			0.33	0.3		9.6	8.1	90		0.30	23		28.51	11.98	21.56
18.0	0955	32.0			0.36	0.5		9.6	8.1	90		0.29	22		28.54	11.98	21.58
18.0	0955	33.0			0.36	0.6		9.6	8.1	90		0.29	22		28.56	11.98	21.60
18.0	0955	34.0			0.35	0.4		9.6	8.1	90		0.29	22		28.59	11.98	21.62
18.0	0955	35.0			0.35	0.4		9.6	8.1	90		0.30	22		28.60	11.98	21.63
18.0	0955	36.0			0.34	0.4		9.6	8.1	90		0.30	23		28.61	11.98	21.63
18.0	0955	37.0			0.33	0.3		9.6	8.1	90		0.30	22		28.61	11.98	21.64
18.0	0955	38.0	0.7	0.22	0.33	0.3		9.6	8.1	90		0.31	23		28.60	11.98	21.63
20.0	0936	2.0			0.33	0.3		10.7	9.0	94		0.20	18	1.7	19.19	11.84	14.37
20.0	0936	3.0			0.33	0.3		10.5	8.9	94		0.15	16		21.95	11.90	16.50
20.0	0936	4.0			0.33	0.3		10.6	8.9	95		0.14	15		22.79	11.90	17.15
20.0	0936	5.0			0.32	0.3		10.6	8.9	96		0.13	15		22.89	11.90	17.22
20.0	0936	6.0			0.33	0.3		10.7	9.0	96		0.13	15		22.92	11.90	17.25
20.0	0936	7.0			0.33	0.3		10.7	9.0	97		0.14	15		22.89	11.90	17.22
20.0	0936	8.0			0.32	0.3		10.8	9.1	97		0.13	15		22.92	11.90	17.25
20.0	0936	9.0			0.32	0.3		10.8	9.1	97		0.13	15		22.98	11.90	17.30
20.0	0936	10.0			0.32	0.3		10.8	9.1	98		0.13	15		23.06	11.90	17.35
20.0	0936	11.0			0.32	0.3		10.9	9.1	98		0.12	15		23.16	11.90	17.43
20.0	0936	12.0			0.32	0.3		10.8	9.1	98		0.12	14		23:32	11.90	17.55

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20.0	0936	13.0			0.32	0.2		10.7	9.0	97		0.11	14		23.46	11.90	17.66
20.0	0936	14.0			0.32	0.2		10.7	9.0	97		0.10	14		23.74	11.90	17.88
20.0	0936	15.0			0.32	0.3		10.6	8.9	96		0.10	14		24.02	11.91	18.10
20.0	0936	16.0			0.32	0.3		10.5	8.9	96		0.09	13		24.28	11.91	18.30
20.0	0936	17.0			0.32	0.3		10.5	8.8	96		0.09	13		24.66	11.91	18.59
20.0	0936	18.0			0.32	0.3		10.4	8.7	95		0.16	16		25.37	11.93	19.14
20.0	0936	19.0			0.35	0.5		10.3	8.7	94		0.21	19		25.75	11.93	19.43
20.0	0936	20.0			0.36	0.5		10.2	8.6	94		0.23	19		25.83	11.93	19.49
20.0	0936	21.0			0.35	0.4		10.1	8.5	93		0.26	21		25.91	11.93	19.56
20.0	0936	22.0			0.34	0.4		10.1	8.5	93		0.36	25		26.07	11.94	19.68
20.0	0936	23.0			0.34	0.4		10.1	8.5	93		0.45	29		26.23	11.94	19.80
20.0	0936	24.0			0.34	0.4		10.1	8.5	93		0.47	30		26.24	11.94	19.81
20.0	0936	25.0			0.34	0.4		10.1	8.5	93		0.46	30		26.26	11.94	19.82
20.0	0936	26.0			0.37	0.6		10.0	8.5	93		0.49	31		26.26	11.94	19.83
20.0	0936	27.0			0.38	0.7		10.1	8.5	93		0.49	31		26.27	11.94	19.83

	n	r^2	Slope	Inter.	Std. Err.
Fluorometer Calibration:	16	0.668	7.522	-2.169	0.537
OBS Calibration:	7	0.974	44.219	9.181	4.425
Dissolved Oxygen Calibration:	8	0.661	0.836	0.055	0.279

SeaBird v4.026

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
33.0	0617	1.0			0.44	0.8		9.2	7.7	83		0.43	38		16.55	14.01	11.98
33.0	0617	2.0			0.44	0.8		9.2	7.6	82	32.2	0.39	35		16.94	13.99	12.28
33.0	0617	3.0			0.43	0.8		9.2	7.5	82		0.35	32		17.45	13.94	12.69
33.0	0617	4.0			0.43	0.8		9.2	7.5	81		0.34	31		17.80	13.90	12.96
33.0	0617	5.0			0.43	0.8		9.2	7.4	81		0.42	37		18.09	13.82	13.20
33.0	0617	6.0			0.43	0.8		9.1	7.2	78		0.47	41		18.37	13.77	13.42
33.0	0617	7.0			0.43	0.8		9.1	7.3	79		0.63	53		18.98	13.62	13.91
33.0	0617	8.0			0.43	0.8		9.1	7.3	80		0.78	64		19.24	13.57	14.12
33.0	0617	9.0			0.43	0.8		9.1	7.1	78		0.83	68		19.37	13.53	14.23
33.0	0617	10.0			0.44	0.8		9.1	7.3	79		0.86	70		19.79	13.39	14.58
33.0	0617	11.0			0.45	0.8		9.2	7.4	81		0.98	79		20.03	13.30	14.78
33.0	0617	12.0			0.45	0.8		9.2	7.4	81		1.17	93		20.06	13.32	14.80
32.0	0632	1.0			0.44	0.8		9.2	7.7	84		0.34	31		17.40	13.97	12.64
32.0	0632	2.0	0.9	0.38	0.43	0.8	7.0	9.2	7.6	83		0.35	31		17.98	13.89	13.10
32.0	0632	3.0			0.43	0.8		9.2	7.4	81		0.36	33		18.31	13.82	13.36
32.0	0632	4.0			0.42	0.8		9.2	7.5	82		0.38	34		18.95	13.66	13.88
32.0	0632	5.0			0.42	0.8		9.2	7.5	81		0.39	35		19.15	13.61	14.04
32.0	0632	6.0			0.42	0.8		9.1	7.3	79		0.41	36		19.41	13.53	14.26
32.0	0632	7.0			0.43	0.8		9.1	7.3	79		0.45	39		19.88	13.35	14.66
32.0	0632	8.0			0.44	0.8		9.1	7.4	80		0.52	45		20.14	13.25	14.87
32.0	0632	9.0			0.46	0.8		9.1	7.4	80		0.72	60		20.33	13.16	15.03
32.0	0632	10.0			0.47	0.8		9.1	7.4	80		1.05	85		20.49	13.09	15.16
32.0	0632	11.0			0.47	0.8		9.2	7.5	81		1.37	108		20.67	13.00	15.33
32.0	0632	12.0	0.8	0.13	0.47	0.8		9.2	7.6	82		1.43	112		20.72	12.98	15.36
30.0	0656	1.0			0.39	0.8		9.2	7.7	83		0.18	19		20.18	13.23	14.90
30.0	0656	2.0	0.8	0.26	0.39	0.8	8.1	9.3	7.9	85	28.3	0.22	22		20.81	12.97	15.43
30.0	0656	3.0			0.39	0.8		9.3	7.9	85		0.26	25		20.97	12.90	15.57
30.0	0656	4.0			0.39	0.8		9.3	8.0	86		0.32	29		21.19	12.81	15.75
30.0	0656	5.0			0.39	0.8		9.4	8.1	87		0.36	32		21.27	12.78	15.82
30.0	0656	6.0			0.39	0.8		9.3	8.0	87		0.39	34		21.31	12.77	15.85
30.0	0656	7.0			0.39	0.8		9.3	7.9	85		0.38	34		21.50	12.70	16.01
30.0	0656	8.0			0.38	0.8		9.3	7.9	85		0.38	34		21.71	12.57	16.19
30.0	0656	9.0			0.38	0.8		9.3	8.0	86		0.46	40		21.91	12.48	16.37
30.0	0656	10.0			0.39	0.8		9.4	8.1	88		0.72	59		22.00	12.45	16.44
30.0	0656	11.0	0.8	0.24	0.39	0.8		9.4	8.2	88		0.89	72		22.00	12.46	16.44
29.0	0717	1.0			0.37	0.9		9.2	7.7	83		0.10	13		21.13	13.01	15.67
29.0	0717	2.0			0.37	0.9		9.2	7.5	81		0.10	13		21.20	12.98	15.74
29.0	0717	3.0			0.36	0.9		9.1	7.2	78		0.09	13		21.43	12.87	15.93
29.0	0717	4.0			0.36	0.9		9.1	7.3	79		0.10	13		21.79	12.67	16.24
29.0	0717	5.0			0.35	0.9		9.1	7.3	79		0.10	13		21.87	12.64	16.31

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
29.0	0717	6.0			0.35	0.9		9.1	7.4	80		0.11	13		22.06	12.55	16.48
29.0	0717	7.0			0.34	0.9		9.2	7.5	81		0.11	14		22.30	12.47	16.67
29.0	0717	8.0			0.35	0.9		9.2	7.6	82		0.15	16		22.36	12.46	16.72
29.0	0717	9.0			0.35	0.9		9.2	7.7	83		0.16	18		22.37	12.46	16.73
29.0	0717	10.0			0.35	0.9		9.3	7.7	84		0.17	18		22.37	12.46	16.73
29.0	0717	11.0			0.36	0.9		9.3	7.8	84		0.21	21		22.38	12.46	16.73
29.0	0717	12.0			0.36	0.9		9.3	7.8	84		0.24	23		22.38	12.45	16.73
29.0	0717	13.0			0.36	0.9		9.3	7.9	85		0.25	24		22.38	12.45	16.74
29.0	0717	14.0			0.36	0.9		9.3	7.9	85		0.29	27		22.39	12.45	16.74
27.0	0740	1.0			0.36	0.9		9.2	7.7	83		0.07	11	1.1	22.11	12.59	16.50
27.0	0740	2.0	0.8	0.38	0.35	0.9	8.0	9.3	7.9	85	8.7	0.07	11		22.31	12.39	16.69
27.0	0740	3.0			0.34	0.9		9.3	8.0	86		0.08	11		22.36	12.33	16.74
27.0	0740	4.0			0.34	0.9		9.4	8.1	87		0.09	12		22.40	12.29	16.77
27.0	0740	5.0			0.33	0.9		9.4	8.2	88		0.10	13		22.41	12.28	16.79
27.0	0740	6.0			0.33	0.9		9.4	8.2	88		0.12	14		22.43	12.28	16.80
27.0	0740	7.0			0.33	0.9		9.4	8.2	89		0.14	16		22.45	12.27	16.82
27.0	0740	8.0			0.34	0.9		9.4	8.3	89		0.14	16		22.47	12.26	16.83
27.0	0740	9.0			0.34	0.9		9.4	8.3	89		0.16	17		22.48	12.26	16.84
27.0	0740	10.0			0.34	0.9		9.4	8.3	90		0.18	19		22.48	12.26	16.85
27.0	0740	11.0			0.34	0.9		9.4	8.3	89		0.19	19		22.49	12.25	16.86
27.0	0740	12.0	0.8	0.27	0.34	0.9		9.4	8.4	90		0.22	22		22.51	12.24	16.87
25.0	0805	1.0			0.35	0.9		9.2	7.7	83		0.11	13	1.3	22.35	12.21	16.75
25.0	0805	2.0			0.35	0.9		9.2	7.7	82	12.6	0.12	14		22.37	12.21	16.77
25.0	0805	3.0			0.34	0.9		9.2	7.7	82		0.13	15		22.42	12.21	16.81
25.0	0805	4.0			0.33	0.9		9.2	7.7	82		0.14	16		22.49	12.20	16.86
25.0	0805	5.0			0.33	0.9		9.2	7.7	83		0.14	16		22.53	12.19	16.90
25.0	0805	6.0			0.33	0.9		9.3	7.8	83		0.15	17		22.53	12.19	16.90
25.0	0805	7.0			0.33	0.9		9.3	7.8	84		0.16	17		22.54	12.19	16.90
25.0	0805	8.0			0.33	0.9		9.3	7.8	84		0.17	18		22.54	12.19	16.90
24.0	0824	1.0			0.38	0.8		9.7	9.2	97		0.10	13	1.3	19.18	12.05	14.33
24.0	0824	2.0	0.8	0.34	0.37	0.9	8.8	9.7	9.1	96		0.10	13		19.74	12.09	14.76
24.0	0824	3.0			0.36	0.9		9.7	9.1	96		0.10	13		20.06	12.11	15.00
24.0	0824	4.0			0.35	0.9		9.6	9.0	95		0.11	14		20.45	12.13	15.30
24.0	0824	5.0			0.34	0.9		9.6	8.8	93		0.13	15		20.72	12.15	15.50
24.0	0824	6.0			0.34	0.9		9.6	8.7	93		0.14	16		21.07	12.13	15.78
24.0	0824	7.0			0.34	0.9		9.6	8.8	94		0.15	17		21.35	12.13	15.99
24.0	0824	8.0			0.34	0.9		9.6	8.7	93		0.17	18		21.77	12.17	16.31
24.0	0824	9.0			0.34	0.9		9.5	8.7	93		0.18	19		21.99	12.19	16.48
24.0	0824	10.0	0.8	0.28	0.34	0.9		9.5	8.6	92		0.20	20		22.07	12.20	16.53

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
22.0	0856	1.0			0.37	0.9		9.8	9.6	100		0.09	12	1.3	18.66	11.94	13.94
22.0	0856	2.0			0.35	0.9		9.7	9.1	96		0.09	12		20.51	11.98	15.37
22.0	0856	3.0			0.35	0.9		9.6	8.9	94		0.11	13		21.47	11.99	16.11
22.0	0856	4.0			0.34	0.9		9.6	8.7	93		0.16	18		21.61	12.03	16.21
22.0	0856	5.0			0.34	0.9		9.6	8.8	93		0.20	20		21.64	12.04	16.23
22.0	0856	6.0			0.34	0.9		9.6	8.7	93		0.22	22		21.65	12.04	16.24
22.0	0856	7.0			0.35	0.9		9.6	8.7	93		0.25	24		21.66	12.04	16.25
22.0	0856	8.0			0.35	0.9		9.6	8.7	93		0.28	27		21.69	12.05	16.27
22.0	0856	9.0			0.36	0.9		9.5	8.7	93		0.30	28		21.70	12.06	16.28
22.0	0856	10.0			0.37	0.9		9.5	8.6	92		0.33	30		21.80	12.05	16.35
22.0	0856	11.0			0.40	0.8		9.5	8.6	92		0.52	44		22.12	12.00	16.61
22.0	0856	12.0			0.44	0.8		9.5	8.6	92		1.05	84		22.23	12.00	16.69
22.0	0856	13.0			0.46	0.8		9.5	8.6	92		1.52	120		22.24	11.99	16.70
22.0	0856	14.0			0.48	0.8		9.5	8.6	92		1.80	141		22.29	11.99	16.74
22.0	0856	15.0			0.49	0.8		9.5	8.7	93		2.10	163		22.34	11.98	16.78
22.0	0856	16.0			0.49	0.8		9.5	8.6	92		2.18	169		22.33	11.98	16.78
22.0	0856	17.0			0.49	0.8		9.5	8.6	92		2.18	169		22.39	11.98	16.82
21.0	0912	1.0			0.35	0.9		9.4	8.2	85		0.18	19	1.6	17.59	11.85	13.13
21.0	0912	2.0	0.9	0.37	0.35	0.9	8.7	9.4	8.2	85		0.17	18		18.14	11.86	13.56
21.0	0912	3.0			0.34	0.9		9.4	8.1	85		0.17	18		19.01	11.91	14.22
21.0	0912	4.0			0.34	0.9		9.2	7.7	81		0.17	18		20.70	11.97	15.52
21.0	0912	5.0			0.33	0.9		9.2	7.6	80		0.16	17		21.10	11.98	15.82
21.0	0912	6.0			0.33	0.9		9.2	7.6	81		0.16	17		21.24	11.99	15.93
21.0	0912	7.0			0.34	0.9		9.2	7.5	80		0.17	18		21.45	11.99	16.10
21.0	0912	8.0			0.34	0.9		9.2	7.4	79		0.18	19		21.52	12.00	16.15
21.0	0912	9.0			0.34	0.9		9.2	7.5	80		0.19	20		21.60	12.00	16.21
21.0	0912	10.0			0.34	0.9		9.2	7.5	79		0.20	20		21.70	12.00	16.28
21.0	0912	11.0			0.34	0.9		9.1	7.4	79		0.20	20		21.91	11.99	16.45
21.0	0912	12.0			0.33	0.9		9.1	7.4	79		0.19	20		22.33	11.98	16.78
21.0	0912	13.0			0.33	0.9		9.1	7.2	78		0.18	19		23.22	11.97	17.46
21.0	0912	14.0			0.33	0.9		9.1	7.2	78		0.17	18		24.44	11.94	18.42
21.0	0912	15.0			0.33	0.9		9.1	7.2	78		0.19	20		24.74	11.94	18.65
21.0	0912	16.0			0.34	0.9		9.1	7.2	78		0.25	24		24.81	11.94	18.70
21.0	0912	17.0			0.34	0.9		9.1	7.2	78		0.29	27		24.85	11.94	18.74
21.0	0912	18.0	1.1	0.27	0.34	0.9		9.1	7.2	78		0.38	34		24.88	11.94	18.75

	n	r^2	Slope	Inter.	Std. Err.
Fluorometer Calibration:	10	0.011	-0.275	0.953	0.120
OBS Calibration:	4	0.850	74.973	5.440	5.458
Dissolved Oxygen Calibration:	5	0.611	3.239	-22.219	0.524

SeaBird v4.026

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
36.0	0837	1.0			0.54	2.9		8.5	8.0	87		0.10	2	1.1	14.60	14.65	10.37
36.0	0837	2.0	3.1	0.70	0.50	2.5	8.1	8.4	8.0	88	1.6	0.04	2		18.30	14.52	13.23
36.0	0837	3.0			0.46	2.1		8.4	8.0	88		0.03	2		18.67	14.48	13.52
36.0	0837	4.0			0.44	1.8		8.4	8.0	88		0.04	2		18.78	14.45	13.61
36.0	0837	5.0			0.43	1.7		8.4	8.0	88		0.04	2		18.80	14.44	13.63
36.0	0837	6.0			0.42	1.6		8.4	8.0	88		0.04	2		18.81	14.43	13.64
36.0	0837	7.0			0.41	1.5		8.4	8.0	88		0.04	2		18.82	14.42	13.65
36.0	0837	8.0			0.40	1.4		8.4	8.0	88		0.04	2		18.83	14.40	13.66
36.0	0837	9.0	0.7	0.52	0.40	1.4		8.4	8.0	88		0.04	2		18.85	14.39	13.68
35.0	0852	1.0			0.53	2.7		8.7	8.1	89		0.04	2	1.0	17.43	14.49	12.57
35.0	0852	2.0			0.51	2.5		8.7	8.1	89		0.04	2		18.46	14.41	13.37
35.0	0852	3.0			0.49	2.4		8.7	8.1	90		0.03	2		18.64	14.40	13.51
35.0	0852	4.0			0.47	2.1		8.7	8.1	90		0.03	2		18.75	14.44	13.59
35.0	0852	5.0			0.44	1.8		8.7	8.1	89		0.03	2		18.92	14.43	13.73
35.0	0852	6.0			0.43	1.7		8.7	8.1	90		0.03	2		18.95	14.41	13.75
35.0	0852	7.0			0.42	1.6		8.7	8.1	89		0.03	2		18.96	14.41	13.76
35.0	0852	8.0			0.43	1.7		8.7	8.1	89		0.03	2		18.99	14.40	13.78
35.0	0852	9.0			0.43	1.7		8.6	8.1	89		0.04	2		18.77	14.39	13.61
34.0	0902	1.0			0.58	3.2		8.9	8.3	90		0.02	1	0.9	18.38	14.24	13.34
34.0	0902	2.0			0.58	3.3		9.0	8.3	91		0.01	1		18.69	14.28	13.57
34.0	0902	3.0			0.60	3.5		9.0	8.3	91		0.01	1		18.72	14.27	13.60
34.0	0902	4.0			0.59	3.4		9.0	8.3	91		0.01	1		18.78	14.30	13.64
34.0	0902	5.0			0.54	2.9		9.0	8.3	91		0.01	1		18.80	14.29	13.65
34.0	0902	6.0			0.50	2.5		8.9	8.2	91		0.02	1		18.83	14.28	13.68
34.0	0902	7.0			0.47	2.2		8.9	8.2	90		0.02	1		18.89	14.29	13.73
34.0	0902	8.0			0.44	1.8		8.8	8.2	90		0.03	2		19.04	14.28	13.84
34.0	0902	9.0			0.45	1.9		8.8	8.2	90		0.08	2		19.09	14.28	13.88
33.0	0916	1.0			0.51	2.5		9.0	8.3	91		0.03	2	1.0	18.58	14.43	13.46
33.0	0916	2.0			0.50	2.4		9.0	8.3	91		0.03	2		18.67	14.43	13.53
33.0	0916	3.0			0.50	2.4		9.0	8.3	92		0.03	2		18.68	14.43	13.54
33.0	0916	4.0			0.50	2.4		9.0	8.3	92		0.04	2		18.63	14.42	13.50
33.0	0916	5.0			0.50	2.5		9.0	8.3	92		0.04	2		18.65	14.42	13.52
33.0	0916	6.0			0.50	2.4		9.0	8.3	92		0.04	2		18.78	14.43	13.62
33.0	0916	7.0			0.48	2.3		9.0	8.3	92		0.05	2		18.84	14.43	13.66
33.0	0916	8.0			0.47	2.1		9.0	8.3	92		0.05	2		18.84	14.44	13.66
33.0	0916	9.0			0.46	2.0		9.0	8.3	92		0.04	2		18.96	14.46	13.74
33.0	0916	10.0			0.45	1.9		9.0	8.3	91		0.05	2		19.05	14.43	13.82
33.0	0916	11.0			0.45	1.9		9.0	8.3	91		0.07	2		19.10	14.42	13.86
33.0	0916	12.0			0.45	1.9		8.9	8.3	91		0.12	2		19.13	14.40	13.89
33.0	0916	13.0			0.45	1.9		8.9	8.3	91		0.19	2		19.14	14.40	13.90

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33.0	0916	14.0			0.45	1.9		8.9	8.3	91		0.24	2		19.14	14.40	13.90
32.0	0927	1.0			0.52	2.7		9.0	8.3	92		0.02	1	1.0	18.50	14.61	13.37
32.0	0927	2.0	2.3	0.70	0.51	2.5	8.3	9.1	8.3	92		0.01	1		18.62	14.57	13.47
32.0	0927	3.0			0.48	2.3		9.1	8.3	92		0.02	1		18.80	14.55	13.61
32.0	0927	4.0			0.46	2.0		9.0	8.3	92		0.02	1		18.93	14.49	13.72
32.0	0927	5.0			0.44	1.8		8.9	8.3	91		0.02	1		19.08	14.42	13.85
32.0	0927	6.0			0.43	1.7		8.9	8.2	91		0.03	2		19.25	14.33	13.99
32.0	0927	7.0			0.43	1.7		8.9	8.2	91		0.06	2		19.28	14.31	14.02
32.0	0927	8.0			0.42	1.6		8.9	8.2	91		0.09	2		19.30	14.31	14.03
32.0	0927	9.0			0.42	1.6		8.9	8.2	91		0.10	2		19.31	14.30	14.05
32.0	0927	10.0			0.43	1.7		8.9	8.2	91		0.13	2		19.33	14.28	14.06
32.0	0927	11.0			0.43	1.7		8.9	8.2	91		0.17	2		19.34	14.28	14.07
32.0	0927	12.0			0.43	1.7		8.9	8.2	91		0.24	2		19.35	14.27	14.08
32.0	0927	13.0			0.43	1.7		8.9	8.2	91		0.38	3		19.36	14.26	14.09
32.0	0927	14.0	0.9	0.38	0.43	1.7		8.9	8.2	91		0.62	4		19.36	14.26	14.10
31.0	0938	1.0			0.52	2.7		9.2	8.4	93		0.00	1	0.8	18.72	14.56	13.54
31.0	0938	2.0			0.51	2.6		9.2	8.4	93		0.00	1		18.90	14.57	13.68
31.0	0938	3.0			0.48	2.3		9.1	8.4	93		0.00	1		18.99	14.58	13.75
31.0	0938	4.0			0.46	2.0		9.1	8.3	92		0.00	1		19.03	14.54	13.78
31.0	0938	5.0			0.45	1.9		9.0	8.3	92		0.00	1		19.09	14.49	13.84
31.0	0938	6.0			0.44	1.8		9.0	8.3	92		0.01	1		19.15	14.44	13.90
31.0	0938	7.0			0.43	1.7		9.0	8.3	92		0.01	1		19.16	14.43	13.91
31.0	0938	8.0			0.42	1.6		8.9	8.2	91		0.01	1		19.20	14.39	13.95
31.0	0938	9.0			0.40	1.4		8.8	8.2	90		0.01	1		19.36	14.25	14.09
31.0	0938	10.0			0.39	1.3		8.8	8.2	90		0.01	1		19.51	14.14	14.23
31.0	0938	11.0			0.38	1.2		8.8	8.2	90		0.02	1		19.61	14.09	14.32
31.0	0938	12.0			0.37	1.1		8.8	8.2	90		0.06	2		19.64	14.07	14.34
31.0	0938	13.0			0.37	1.1		8.8	8.2	90		0.09	2		19.64	14.07	14.34
31.0	0938	14.0			0.37	1.1		8.8	8.2	90		0.12	2		19.64	14.07	14.34
31.0	0938	15.0			0.37	1.1		8.9	8.2	90		0.13	2		19.64	14.07	14.34
30.0	0953	1.0			0.57	3.1		9.5	8.6	92		0.00	1	0.7	16.22	14.06	11.71
30.0	0953	2.0	2.8	0.71	0.57	3.1	9.0	9.7	8.7	94	1.1	0.00	1		16.87	14.24	12.18
30.0	0953	3.0			0.56	3.1		9.7	8.7	95		0.00	1		17.61	14.32	12.73
30.0	0953	4.0			0.53	2.7		9.6	8.6	94		0.00	1		18.15	14.33	13.15
30.0	0953	5.0			0.49	2.3		9.5	8.6	94		0.00	1		18.42	14.26	13.37
30.0	0953	6.0			0.45	1.9		9.4	8.5	93		0.00	1		18.67	14.22	13.57
30.0	0953	7.0			0.42	1.6		9.3	8.4	93		0.00	1		19.18	14.09	13.99
30.0	0953	8.0			0.40	1.4		9.2	8.4	92		0.00	1		19.43	14.03	14.19
30.0	0953	9.0			0.39	1.3		9.2	8.4	92		0.04	2		19.47	14.02	14.22
30.0	0953	10.0			0.38	1.2		9.2	8.4	92		0.09	2		19.49	14.02	14.23

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30.0	0953	11.0			0.38	1.2		9.2	8.4	92		0.13	2		19.48	14.02	14.23
30.0	0953	12.0			0.38	1.2		9.2	8.4	92		0.13	2		19.50	14.01	14.24
30.0	0953	13.0			0.39	1.3		9.2	8.4	92		0.17	2		19.51	14.01	14.25
30.0	0953	14.0	0.7	0.35	0.39	1.3		9.2	8.4	92		0.19	2		19.51	14.01	14.25
29.5	1007	1.0			0.52	2.6		9.9	8.8	94		0.00	1	0.8	15.77	13.83	11.41
29.5	1007	2.0			0.53	2.7		10.0	8.9	95		0.00	1		16.28	13.99	11.77
29.5	1007	3.0			0.52	2.6		10.1	8.9	96		0.00	1		16.87	14.14	12.20
29.5	1007	4.0			0.50	2.5		9.7	8.7	95		0.00	1		18.11	14.42	13.10
29.5	1007	5.0			0.48	2.2		9.6	8.6	94		0.00	1		18.44	14.24	13.38
29.5	1007	6.0			0.44	1.8		9.4	8.5	94		0.00	1		18.96	14.12	13.81
29.5	1007	7.0			0.40	1.4		9.3	8.5	93		0.01	1		19.32	14.04	14.10
29.5	1007	8.0			0.39	1.3		9.3	8.5	93		0.02	1		19.41	14.01	14.17
29.5	1007	9.0			0.38	1.2		9.3	8.4	93		0.03	2		19.50	13.98	14.25
29.5	1007	10.0			0.37	1.1		9.2	8.4	93		0.04	2		19.57	13.96	14.31
29.5	1007	11.0			0.37	1.1		9.2	8.4	92		0.07	2		19.60	13.95	14.33
29.5	1007	12.0			0.37	1.1		9.2	8.4	92		0.09	2		19.61	13.95	14.34
29.5	1007	13.0			0.37	1.1		9.2	8.4	92		0.12	2		19.61	13.95	14.34
29.5	1007	14.0			0.37	1.1		9.2	8.4	92		0.13	2		19.62	13.94	14.35
29.5	1007	15.0			0.38	1.1		9.2	8.4	92		0.15	2		19.62	13.94	14.35
29.5	1007	16.0			0.38	1.2		9.2	8.4	92		0.23	2		19.62	13.94	14.35
29.0	1019	1.0			0.48	2.3		9.4	8.5	90		0.16	2	0.8	15.30	13.65	11.08
29.0	1019	2.0			0.48	2.2		9.6	8.7	92		0.00	1		15.67	13.81	11.34
29.0	1019	3.0			0.45	1.9		9.6	8.6	93		0.00	1		16.13	13.93	11.67
29.0	1019	4.0			0.41	1.5		9.4	8.5	92		0.00	1		17.17	14.05	12.45
29.0	1019	5.0			0.38	1.2		9.2	8.4	92		0.00	1		19.16	13.95	13.99
29.0	1019	6.0			0.36	1.0		9.1	8.4	92		0.00	1		19.66	13.88	14.39
29.0	1019	7.0			0.36	1.0		9.1	8.3	91		0.01	1		19.67	13.86	14.40
29.0	1019	8.0			0.36	0.9		9.1	8.3	91		0.03	2		19.68	13.86	14.41
29.0	1019	9.0			0.35	0.9		9.1	8.3	91		0.04	2		19.69	13.85	14.42
29.0	1019	10.0			0.35	0.9		9.1	8.3	91		0.06	2		19.69	13.85	14.42
29.0	1019	11.0			0.35	0.9		9.1	8.3	91		0.07	2		19.69	13.85	14.42
29.0	1019	12.0			0.36	0.9		9.1	8.3	91		0.08	2		19.71	13.84	14.43
29.0	1019	13.0			0.36	1.0		9.1	8.3	91		0.09	2		19.71	13.84	14.43
29.0	1019	14.0			0.36	1.0		9.1	8.4	91		0.11	2		19.71	13.84	14.43
29.0	1019	15.0			0.36	1.0		9.1	8.3	91		0.14	2		19.71	13.84	14.44
29.0	1019	16.0			0.36	1.0		9.1	8.3	91		0.16	2		19.71	13.84	14.44
28.0	1033	1.0			0.48	2.2		9.7	8.7	93		0.00	1	0.7	16.27	13.84	11.80
28.0	1033	2.0			0.47	2.1		9.7	8.7	94		0.00	1		16.97	13.98	12.30
28.0	1033	3.0			0.45	1.9		9.6	8.6	94		0.00	1		17.49	14.09	12.68
28.0	1033	4.0			0.42	1.6		9.5	8.6	93		0.00	1		18.04	14.09	13.10

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28.0	1033	5.0			0.39	1.3		9.2	8.4	92		0.00	1		18.84	14.04	13.73
28.0	1033	6.0			0.36	1.0		9.2	8.4	92		0.00	1		19.55	13.80	14.32
28.0	1033	7.0			0.35	0.9		9.1	8.4	92		0.03	2		19.73	13.73	14.47
28.0	1033	8.0			0.35	0.9		9.2	8.4	92		0.04	2		19.75	13.72	14.49
28.0	1033	9.0			0.35	0.9		9.1	8.4	92		0.05	2		19.79	13.71	14.52
28.0	1033	10.0			0.35	0.9		9.2	8.4	92		0.06	2		19.82	13.69	14.54
28.0	1033	11.0			0.35	0.8		9.2	8.4	92		0.07	2		19.82	13.69	14.55
28.0	1033	12.0			0.34	0.8		9.2	8.4	92		0.08	2		19.84	13.68	14.57
28.0	1033	13.0			0.34	0.8		9.2	8.4	92		0.10	2		19.85	13.68	14.57
28.0	1033	14.0			0.35	0.9		9.2	8.4	92		0.10	2		19.86	13.68	14.58
28.0	1033	15.0			0.34	0.8		9.2	8.4	92		0.12	2		19.86	13.67	14.58
28.0	1033	16.0			0.34	0.8		9.2	8.4	92		0.13	2		19.87	13.67	14.59
27.0	1046	1.0			0.42	1.7		9.4	8.5	92		0.00	1	0.6	16.35	13.91	11.84
27.0	1046	2.0	2.0	0.69	0.42	1.6	8.4	9.6	8.6	93	2.2	0.00	1		17.28	13.89	12.56
27.0	1046	3.0			0.40	1.4		9.5	8.5	93		0.00	1		17.99	13.96	13.09
27.0	1046	4.0			0.38	1.2		9.3	8.5	92		0.00	1		18.58	13.91	13.55
27.0	1046	5.0			0.36	1.0		9.2	8.4	92		0.00	1		19.46	13.73	14.27
27.0	1046	6.0			0.35	0.8		9.2	8.4	91		0.00	1		19.73	13.65	14.48
27.0	1046	7.0			0.34	0.8		9.1	8.4	91		0.00	1		19.81	13.63	14.55
27.0	1046	8.0			0.34	0.7		9.1	8.4	91		0.02	1		19.85	13.60	14.59
27.0	1046	9.0			0.33	0.7		9.2	8.4	91		0.05	2		19.92	13.58	14.64
27.0	1046	10.0			0.34	0.7		9.1	8.4	91		0.08	2		19.93	13.57	14.66
27.0	1046	11.0			0.34	0.8		9.2	8.4	92		0.09	2		19.94	13.56	14.66
27.0	1046	12.0			0.35	0.9		9.2	8.4	92		0.16	2		19.96	13.56	14.68
27.0	1046	13.0	1.6	0.38	0.36	1.0		9.2	8.4	92		0.16	2		19.97	13.55	14.69
26.0	1059	2.0			0.42	1.6		10.0	8.9	94		0.00	1	0.8	15.49	13.39	11.27
26.0	1059	3.0			0.41	1.5		9.6	8.6	93		0.00	1		17.45	13.81	12.70
26.0	1059	4.0			0.38	1.2		9.4	8.5	93		0.00	1		19.40	13.64	14.23
26.0	1059	5.0			0.36	1.0		9.3	8.5	92		0.02	1		19.71	13.55	14.49
26.0	1059	6.0			0.35	0.9		9.3	8.5	92		0.06	2		19.90	13.51	14.64
26.0	1059	7.0			0.35	0.9		9.3	8.5	92		0.11	2		19.91	13.51	14.65
26.0	1059	8.0			0.34	0.8		9.3	8.5	92		0.16	2		19.92	13.50	14.66
26.0	1059	9.0			0.34	0.8		9.3	8.5	92		0.19	2		19.92	13.50	14.66
26.0	1059	10.0			0.35	0.8		9.3	8.5	92		0.20	2		19.93	13.50	14.66
25.0	1115	1.0			0.39	1.3		9.3	8.5	90		0.00	1	1.1	16.56	13.37	12.10
25.0	1115	2.0			0.39	1.3		9.4	8.5	91		0.00	1		17.61	13.38	12.90
25.0	1115	3.0			0.37	1.1		9.3	8.5	91		0.01	1		18.42	13.36	13.52
25.0	1115	4.0			0.36	1.0		9.2	8.4	91		0.02	1		18.98	13.36	13.96
25.0	1115	5.0			0.35	0.9		9.2	8.4	91		0.03	2		19.31	13.40	14.21
25.0	1115	6.0			0.35	0.9		9.2	8.4	91		0.05	2		19.40	13.41	14.27

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25.0	1115	7.0			0.35	0.9		9.2	8.4	91		0.08	2		19.42	13.41	14.29
25.0	1115	8.0			0.35	0.9		9.2	8.4	91		0.12	2		19.43	13.42	14.30
25.0	1115	9.0			0.35	0.9		9.2	8.4	91		0.15	2		19.44	13.42	14.31
24.0	1129	1.0			0.48	2.2		10.1	8.9	93		0.18	2	0.9	15.41	13.03	11.27
24.0	1129	2.0	2.7	0.77	0.47	2.2	8.9	10.1	8.9	94	1.2	0.00	1		15.83	13.31	11.54
24.0	1129	3.0			0.44	1.8		9.9	8.8	94		0.00	1		16.93	13.40	12.37
24.0	1129	4.0			0.41	1.5		9.7	8.7	93		0.00	1		18.06	13.46	13.23
24.0	1129	5.0			0.38	1.2		9.5	8.6	93		0.00	1		18.52	13.47	13.59
24.0	1129	6.0			0.37	1.1		9.5	8.6	92		0.03	2		18.66	13.46	13.69
24.0	1129	7.0			0.37	1.1		9.5	8.6	92		0.05	2		18.71	13.46	13.73
24.0	1129	8.0			0.37	1.1		9.5	8.6	92		0.10	2		18.76	13.45	13.77
24.0	1129	9.0			0.37	1.0		9.4	8.5	92		0.14	2		18.80	13.44	13.81
24.0	1129	10.0	0.8	0.45	0.36	1.0		9.4	8.5	92		0.16	2		18.82	13.43	13.82
23.0	1143	1.0			0.53	2.8		9.8	8.8	91		0.01	1	0.9	14.65	13.03	10.68
23.0	1143	2.0			0.54	2.9		10.0	8.9	92		0.00	1		14.66	13.06	10.69
23.0	1143	3.0			0.55	3.0		10.1	8.9	93		0.01	1		14.78	13.07	10.78
23.0	1143	4.0			0.56	3.0		10.0	8.9	93		0.01	1		14.87	13.15	10.83
23.0	1143	5.0			0.55	2.9		10.0	8.8	93		0.01	1		15.13	13.19	11.02
23.0	1143	6.0			0.54	2.8		9.9	8.8	92		0.01	1		15.16	13.10	11.06
23.0	1143	7.0			0.50	2.4		10.0	8.9	93		0.01	1		15.39	13.03	11.25
23.0	1143	8.0			0.46	2.0		9.9	8.8	93		0.01	1		16.05	13.17	11.74
23.0	1143	9.0			0.44	1.8		9.9	8.8	93		0.00	1		16.54	13.23	12.10
23.0	1143	10.0			0.41	1.5		9.8	8.7	93		0.00	1		17.77	13.29	13.04
23.0	1143	11.0			0.38	1.2		9.7	8.7	93		0.01	1		18.42	13.34	13.53
23.0	1143	12.0			0.36	1.0		9.5	8.6	93		0.02	1		18.92	13.34	13.92
23.0	1143	13.0			0.35	0.9		9.5	8.6	92		0.07	2		19.33	13.23	14.25
23.0	1143	14.0			0.35	0.8		9.5	8.6	92		0.11	2		19.64	13.14	14.50
23.0	1143	15.0			0.35	0.9		9.5	8.6	92		0.20	2		19.65	13.14	14.52
22.0	1200	1.0			0.37	1.1		9.8	8.8	91		0.03	2	0.9	14.90	12.98	10.88
22.0	1200	2.0			0.36	0.9		9.8	8.7	92		0.02	1		15.77	13.04	11.54
22.0	1200	3.0			0.34	0.8		9.6	8.7	92		0.02	1		16.80	13.08	12.33
22.0	1200	4.0			0.34	0.8		9.6	8.6	92		0.01	1		18.17	13.05	13.39
22.0	1200	5.0			0.34	0.8		9.5	8.6	92		0.03	2		18.58	13.06	13.70
22.0	1200	6.0			0.34	0.8		9.5	8.6	92		0.05	2		19.21	13.05	14.19
22.0	1200	7.0			0.34	0.8		9.4	8.5	92		0.08	2		19.33	13.04	14.29
22.0	1200	8.0			0.33	0.7		9.4	8.5	91		0.10	2		19.65	13.01	14.53
22.0	1200	9.0			0.32	0.6		9.2	8.4	91		0.15	2		19.98	12.97	14.80
22.0	1200	10.0			0.32	0.6		9.2	8.4	91		0.18	2		22.19	12.71	16.55
22.0	1200	11.0			0.31	0.5		9.2	8.4	91		0.21	2		22.50	12.65	16.79
22.0	1200	12.0			0.31	0.5		9.2	8.4	91		0.22	2		22.87	12.61	17.08

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
22.0	1200	13.0			0.31	0.5		9.2	8.4	92		0.23	2		23.08	12.57	17.25
22.0	1200	14.0			0.31	0.5		9.2	8.4	92		0.24	2		23.32	12.54	17.44
22.0	1200	15.0			0.31	0.4		9.2	8.4	92		0.25	2		23.57	12.52	17.64
22.0	1200	16.0			0.30	0.4		9.2	8.4	92		0.24	2		23.65	12.51	17.71
22.0	1200	17.0			0.30	0.4		9.2	8.4	92		0.23	2		24.06	12.49	18.03
22.0	1200	18.0			0.30	0.4		9.2	8.4	92		0.23	2		24.37	12.47	18.27
21.0	1214	1.0			0.41	1.5		9.3	8.5	90		0.01	1	0.8	16.05	13.37	11.70
21.0	1214	2.0	1.6	0.71	0.41	1.5	8.4	9.4	8.5	90	1.1	0.00	1		16.60	13.18	12.16
21.0	1214	3.0			0.41	1.5		9.4	8.5	91		0.00	1		16.93	13.17	12.42
21.0	1214	4.0			0.41	1.5		9.4	8.5	91		0.00	1		17.15	13.21	12.57
21.0	1214	5.0			0.39	1.3		9.4	8.5	91		0.00	1		17.54	13.25	12.87
21.0	1214	6.0			0.39	1.3		9.4	8.5	91		0.02	1		18.17	13.26	13.36
21.0	1214	7.0			0.38	1.2		9.3	8.5	91		0.04	2		18.44	13.25	13.56
21.0	1214	8.0			0.38	1.2		9.3	8.5	91		0.04	2		18.59	13.24	13.68
21.0	1214	9.0			0.37	1.1		9.3	8.5	91		0.04	2		18.76	13.24	13.81
21.0	1214	10.0			0.36	1.0		9.3	8.4	91		0.04	2		18.94	13.22	13.95
21.0	1214	11.0			0.35	0.9		9.2	8.4	90		0.07	2		19.53	13.11	14.42
21.0	1214	12.0			0.34	0.8		9.1	8.4	90		0.10	2		20.21	12.99	14.97
21.0	1214	13.0			0.33	0.7		9.1	8.3	90		0.13	2		20.85	12.90	15.48
21.0	1214	14.0			0.32	0.6		9.1	8.3	90		0.14	2		21.43	12.80	15.94
21.0	1214	15.0			0.31	0.5		9.0	8.3	90		0.15	2		22.04	12.66	16.44
21.0	1214	16.0			0.30	0.4		8.9	8.3	90		0.17	2		24.11	12.44	18.07
21.0	1214	17.0			0.30	0.3		8.9	8.3	91		0.17	2		25.71	12.39	19.32
21.0	1214	18.0	0.5	0.23	0.30	0.4		9.0	8.3	91		0.18	2		26.33	12.38	19.80

	n	r^2	Slope	Inter.	Std. Err.
Fluorometer Calibration:	12	0.699	10.305	-2.721	0.534
OBS Calibration:	5	0.026	4.116	1.405	0.516
Dissolved Oxygen Calibration:	6	0.752	0.561	3.247	0.203

SeaBird v4.026

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
36.0	1249	1.0			0.56	1.6		9.2	8.3	89		1.27	90	5.1	13.15	14.82	9.23
36.0	1249	2.0	1.8	0.36	0.55	1.6	7.7	9.2	8.3	89	90.4	1.28	90		13.31	14.75	9.37
36.0	1249	3.0			0.56	1.6		9.2	8.3	90		1.35	95		13.50	14.74	9.51
36.0	1249	4.0			0.56	1.6		9.3	8.4	90		1.50	106		13.70	14.76	9.66
36.0	1249	5.0			0.57	1.6		9.3	8.3	90		1.54	108		14.05	14.80	9.92
36.0	1249	6.0			0.61	1.6		9.2	8.3	90		1.88	133		14.14	14.81	9.98
36.0	1249	7.0			0.66	1.6		9.2	8.3	89		2.84	199		14.14	14.82	9.99
36.0	1249	8.0	1.8	0.15	0.67	1.6		9.2	8.2	89		4.00	281		14.14	14.83	9.98
35.0	1238	1.0			0.59	1.6		9.4	8.7	94		2.28	161	7.2	14.56	14.84	10.30
35.0	1238	2.0			0.59	1.6		9.4	8.7	94		2.35	165		14.58	14.84	10.32
35.0	1238	3.0			0.58	1.6		9.4	8.7	94		2.34	165		14.59	14.84	10.32
35.0	1238	4.0			0.57	1.6		9.4	8.7	94		2.34	164		14.67	14.84	10.39
35.0	1238	5.0			0.57	1.6		9.4	8.7	94		2.22	156		14.71	14.84	10.42
35.0	1238	6.0			0.58	1.6		9.4	8.7	94		2.11	149		14.71	14.84	10.42
35.0	1238	7.0			0.58	1.6		9.4	8.7	94		2.08	147		14.71	14.84	10.42
35.0	1238	8.0			0.59	1.6		9.4	8.7	94		2.11	148		14.69	14.84	10.41
35.0	1238	9.0			0.59	1.6		9.4	8.7	94		2.17	153		14.69	14.84	10.40
34.0	1225	1.0			0.54	1.6		9.3	8.5	93		1.16	82	4.4	15.03	14.73	10.68
34.0	1225	2.0			0.56	1.6		9.4	8.6	93		1.26	89		15.32	14.78	10.90
34.0	1225	3.0			0.57	1.6		9.3	8.5	93		1.82	128		15.41	14.80	10.97
34.0	1225	4.0			0.59	1.6		9.3	8.5	92		2.16	152		15.44	14.81	10.98
34.0	1225	5.0			0.60	1.6		9.3	8.5	93		2.55	180		15.47	14.82	11.01
34.0	1225	6.0			0.59	1.6		9.4	8.6	94		2.88	202		15.48	14.82	11.01
34.0	1225	7.0			0.58	1.6		9.3	8.5	92		2.60	183		15.49	14.82	11.02
33.0	1212	1.0			0.45	1.7		9.2	8.2	89		0.27	19	1.9	15.31	14.85	10.88
33.0	1212	2.0			0.45	1.7		9.3	8.4	91		0.27	19		15.39	14.83	10.94
33.0	1212	3.0			0.44	1.7		9.3	8.4	91		0.28	20		15.46	14.80	11.00
33.0	1212	4.0			0.44	1.7		9.3	8.5	92		0.34	24		15.61	14.78	11.12
33.0	1212	5.0			0.44	1.7		9.3	8.4	92		0.40	28		15.74	14.82	11.21
33.0	1212	6.0			0.44	1.7		9.3	8.4	92		0.43	31		16.07	14.83	11.46
33.0	1212	7.0			0.45	1.7		9.2	8.3	91		0.51	36		16.58	14.86	11.85
33.0	1212	8.0			0.48	1.7		9.3	8.3	91		1.02	72		16.64	14.84	11.89
33.0	1212	9.0			0.51	1.6		9.3	8.4	92		1.53	107		16.66	14.84	11.91
33.0	1212	10.0			0.53	1.6		9.3	8.4	92		1.90	134		16.67	14.83	11.93
33.0	1212	11.0			0.54	1.6		9.3	8.4	92		1.98	139		16.67	14.82	11.93
33.0	1212	12.0			0.55	1.6		9.3	8.4	92		2.16	152		16.67	14.82	11.93
33.0	1212	13.0			0.56	1.6		9.3	8.4	92		2.44	172		16.68	14.82	11.93
33.0	1212	14.0			0.56	1.6		9.3	8.4	92		2.57	181		16.68	14.82	11.93

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
32.0	1204	1.0			0.48	1.7		9.1	7.9	87		0.26	18	1.8	15.68	14.83	11.16
32.0	1204	2.0	1.7	0.58	0.48	1.7	8.2	9.2	8.2	89	16.5	0.24	17		15.69	14.82	11.17
32.0	1204	3.0			0.46	1.7		9.2	8.3	91		0.24	17		15.72	14.83	11.19
32.0	1204	4.0			0.44	1.7		9.2	8.3	91		0.26	19		15.96	14.85	11.38
32.0	1204	5.0			0.43	1.7		9.2	8.2	90		0.30	21		16.09	14.84	11.48
32.0	1204	6.0			0.43	1.7		9.2	8.3	91		0.32	23		16.31	14.84	11.65
32.0	1204	7.0			0.45	1.7		9.2	8.3	91		0.50	36		16.60	14.83	11.87
32.0	1204	8.0			0.46	1.7		9.2	8.3	91		0.78	55		16.69	14.84	11.94
32.0	1204	9.0			0.48	1.7		9.2	8.3	91		1.07	75		16.71	14.84	11.95
32.0	1204	10.0			0.48	1.7		9.2	8.3	91		1.33	93		16.70	14.84	11.95
32.0	1204	11.0			0.49	1.7		9.2	8.3	91		1.43	101		16.70	14.84	11.94
32.0	1204	12.0			0.52	1.6		9.3	8.4	92		1.61	113		16.70	14.84	11.94
32.0	1204	13.0			0.59	1.6		9.3	8.3	92		2.56	180		16.69	14.85	11.94
32.0	1204	14.0	1.4	0.29	0.59	1.6		9.2	8.3	91		3.54	249		16.69	14.85	11.93
31.0	1151	1.0			0.47	1.7		9.4	8.7	95		0.22	16	1.8	16.03	14.87	11.43
31.0	1151	2.0			0.45	1.7		9.4	8.6	94		0.23	16		16.32	14.84	11.65
31.0	1151	3.0			0.45	1.7		9.3	8.5	93		0.28	20		16.84	14.82	12.05
31.0	1151	4.0			0.46	1.7		9.3	8.5	93		0.59	42		17.07	14.81	12.23
31.0	1151	5.0			0.46	1.7		9.3	8.5	94		0.95	67		17.04	14.81	12.21
31.0	1151	6.0			0.46	1.7		9.3	8.5	93		1.05	74		17.04	14.81	12.21
31.0	1151	7.0			0.47	1.7		9.3	8.5	94		1.07	75		17.04	14.81	12.21
31.0	1151	8.0			0.47	1.7		9.3	8.5	94		1.10	78		17.04	14.81	12.21
31.0	1151	9.0			0.48	1.7		9.3	8.5	94		1.17	83		17.03	14.81	12.20
31.0	1151	10.0			0.48	1.7		9.3	8.5	94		1.27	89		17.03	14.80	12.21
31.0	1151	11.0			0.49	1.7		9.4	8.6	94		1.33	93		17.03	14.80	12.20
31.0	1151	12.0			0.49	1.7		9.4	8.6	94		1.35	95		17.03	14.80	12.20
31.0	1151	13.0			0.48	1.7		9.4	8.6	94		1.35	95		17.03	14.80	12.21
31.0	1151	14.0			0.49	1.7		9.3	8.5	94		1.34	95		17.03	14.80	12.20
31.0	1151	15.0			0.49	1.7		9.4	8.6	94		1.52	107		17.02	14.80	12.19
30.0	1134	1.0			0.43	1.7		9.1	8.1	89		0.18	13	1.5	17.14	14.69	12.31
30.0	1134	2.0	2.2	0.63	0.43	1.7	8.4	9.3	8.4	92	13.2	0.17	12		17.15	14.68	12.32
30.0	1134	3.0			0.42	1.7		9.3	8.4	92		0.17	12		17.20	14.65	12.36
30.0	1134	4.0			0.40	1.7		9.3	8.4	92		0.17	12		17.28	14.64	12.42
30.0	1134	5.0			0.39	1.7		9.3	8.4	92		0.18	13		17.34	14.60	12.48
30.0	1134	6.0			0.39	1.7		9.3	8.4	92		0.22	16		17.37	14.59	12.51
30.0	1134	7.0			0.41	1.7		9.3	8.4	92		0.25	18		17.44	14.57	12.56
30.0	1134	8.0			0.43	1.7		9.3	8.4	92		0.44	31		17.46	14.58	12.58
30.0	1134	9.0			0.44	1.7		9.3	8.4	92		0.85	60		17.46	14.58	12.57
30.0	1134	10.0			0.46	1.7		9.3	8.5	93		0.80	56		17.46	14.59	12.58
30.0	1134	11.0			0.49	1.7		9.3	8.5	93		1.05	74		17.46	14.61	12.57
30.0	1134	12.0			0.52	1.6		9.3	8.5	93		1.28	90		17.46	14.61	12.57

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
30.0	1134	13.0			0.53	1.6		9.3	8.5	93		1.67	117		17.46	14.61	12.57
30.0	1134	14.0			0.57	1.6		9.3	8.5	93		1.92	135		17.46	14.62	12.57
30.0	1134	15.0	1.3	0.14	0.58	1.6		9.3	8.5	93		2.28	161		17.45	14.62	12.56
29.5	1123	1.0			0.44	1.7		9.3	8.5	93		0.22	15	1.7	17.12	14.59	12.31
29.5	1123	2.0			0.43	1.7		9.3	8.4	92		0.21	15		17.39	14.64	12.51
29.5	1123	3.0			0.42	1.7		9.2	8.3	91		0.26	19		17.44	14.59	12.56
29.5	1123	4.0			0.43	1.7		9.3	8.4	92		0.52	37		17.48	14.56	12.59
29.5	1123	5.0			0.44	1.7		9.3	8.4	92		0.76	53		17.47	14.57	12.59
29.5	1123	6.0			0.44	1.7		9.3	8.4	92		0.81	57		17.47	14.57	12.59
29.5	1123	7.0			0.46	1.7		9.3	8.4	92		0.84	59		17.47	14.56	12.59
29.5	1123	8.0			0.47	1.7		9.3	8.4	92		0.89	63		17.48	14.56	12.59
29.5	1123	9.0			0.49	1.7		9.3	8.4	92		0.98	69		17.47	14.54	12.59
29.5	1123	10.0			0.50	1.6		9.3	8.5	93		1.15	81		17.47	14.54	12.59
29.5	1123	11.0			0.51	1.6		9.3	8.5	93		1.35	95		17.49	14.55	12.60
29.5	1123	12.0			0.51	1.6		9.3	8.5	93		1.51	106		17.50	14.55	12.61
29.5	1123	13.0			0.53	1.6		9.3	8.4	93		1.74	122		17.51	14.55	12.61
29.5	1123	14.0			0.54	1.6		9.3	8.5	93		1.83	129		17.51	14.55	12.62
29.5	1123	15.0			0.54	1.6		9.3	8.5	93		2.08	146		17.52	14.55	12.62
29.0	1110	1.0			0.40	1.7		9.1	8.0	87		0.20	14	1.6	17.57	14.48	12.68
29.0	1110	2.0			0.40	1.7		9.2	8.2	90		0.19	14		17.59	14.48	12.69
29.0	1110	3.0			0.40	1.7		9.2	8.2	89		0.21	15		17.60	14.47	12.70
29.0	1110	4.0			0.40	1.7		9.2	8.2	90		0.24	17		17.64	14.43	12.74
29.0	1110	5.0			0.41	1.7		9.2	8.2	90		0.37	26		17.66	14.41	12.76
29.0	1110	6.0			0.42	1.7		9.2	8.2	90		0.54	38		17.69	14.39	12.78
29.0	1110	7.0			0.44	1.7		9.2	8.2	90		0.79	55		17.71	14.36	12.81
29.0	1110	8.0			0.47	1.7		9.2	8.2	90		1.00	71		17.75	14.33	12.84
29.0	1110	9.0			0.49	1.6		9.2	8.3	90		1.27	89		17.76	14.31	12.85
29.0	1110	10.0			0.51	1.6		9.2	8.3	91		1.62	114		17.76	14.31	12.86
29.0	1110	11.0			0.53	1.6		9.2	8.3	91		1.77	125		17.77	14.30	12.86
29.0	1110	12.0			0.53	1.6		9.2	8.3	91		1.89	133		17.77	14.30	12.86
29.0	1110	13.0			0.54	1.6		9.2	8.3	91		1.99	140		17.77	14.30	12.86
29.0	1110	14.0			0.56	1.6		9.3	8.3	91		2.16	152		17.78	14.28	12.88
29.0	1110	15.0			0.58	1.6		9.3	8.4	91		2.36	166		17.79	14.28	12.88
29.0	1110	16.0			0.58	1.6		9.3	8.4	91		2.58	181		17.78	14.28	12.88
28.0	1056	1.0			0.40	1.7		8.9	7.5	82		0.19	14	1.6	17.69	14.34	12.79
28.0	1056	2.0			0.40	1.7		9.0	7.8	85		0.18	13		17.70	14.34	12.80
28.0	1056	3.0			0.40	1.7		9.0	7.8	85		0.20	14		17.71	14.34	12.81
28.0	1056	4.0			0.40	1.7		9.0	7.8	85		0.22	16		17.73	14.32	12.83
28.0	1056	5.0			0.39	1.7		9.0	7.8	85		0.26	18		17.75	14.31	12.84
28.0	1056	6.0			0.40	1.7		9.0	7.8	85		0.31	22		17.76	14.29	12.86

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
28.0	1056	7.0			0.40	1.7		9.0	7.9	86		0.37	26		17.77	14.28	12.87
28.0	1056	8.0			0.41	1.7		9.0	7.9	86		0.44	31		17.78	14.27	12.87
28.0	1056	9.0			0.42	1.7		9.1	7.9	87		0.51	36		17.80	14.25	12.89
28.0	1056	10.0			0.43	1.7		9.1	8.0	87		0.54	38		17.82	14.23	12.91
28.0	1056	11.0			0.43	1.7		9.1	8.0	87		0.55	39		17.82	14.23	12.92
28.0	1056	12.0			0.44	1.7		9.1	8.0	88		0.58	41		17.85	14.21	12.94
28.0	1056	13.0			0.46	1.7		9.1	8.1	88		0.72	51		17.86	14.19	12.95
28.0	1056	14.0			0.49	1.7		9.2	8.1	89		0.92	65		17.87	14.19	12.96
28.0	1056	15.0			0.51	1.6		9.2	8.2	89		1.22	86		17.88	14.19	12.96
28.0	1056	16.0			0.51	1.6		9.2	8.1	89		1.70	120		17.88	14.19	12.96
27.0	1044	1.0			0.43	1.7		9.2	8.3	90		0.15	11	1.4	17.87	14.20	12.96
27.0	1044	2.0	2.1	0.61	0.43	1.7	8.5	9.3	8.5	92	13.8	0.14	10		17.87	14.20	12.96
27.0	1044	3.0			0.43	1.7		9.3	8.5	93		0.15	11		17.88	14.20	12.96
27.0	1044	4.0			0.43	1.7		9.3	8.4	92		0.16	11		17.88	14.20	12.97
27.0	1044	5.0			0.43	1.7		9.3	8.5	92		0.16	11		17.89	14.19	12.98
27.0	1044	6.0			0.42	1.7		9.3	8.5	93		0.16	11		17.90	14.19	12.98
27.0	1044	7.0			0.41	1.7		9.3	8.5	93		0.17	12		17.92	14.18	13.00
27.0	1044	8.0			0.41	1.7		9.3	8.5	93		0.19	13		17.93	14.18	13.01
27.0	1044	9.0			0.42	1.7		9.3	8.5	93		0.30	21		17.93	14.19	13.01
27.0	1044	10.0			0.43	1.7		9.3	8.5	93		0.30	21		17.93	14.19	13.01
27.0	1044	11.0	1.5	0.30	0.43	1.7		9.3	8.5	93		0.50	35		17.93	14.19	13.00
26.0	1033	1.0			0.41	1.7		9.4	8.7	95		0.13	9	1.4	18.28	14.02	13.31
26.0	1033	2.0			0.41	1.7		9.5	8.9	97		0.12	9		18.29	14.02	13.31
26.0	1033	3.0			0.41	1.7		9.5	8.9	97		0.13	9		18.33	14.01	13.34
26.0	1033	4.0			0.40	1.7		9.5	8.9	97		0.15	11		18.35	14.01	13.36
26.0	1033	5.0			0.40	1.7		9.5	8.8	96		0.25	18		18.38	14.02	13.38
26.0	1033	6.0			0.40	1.7		9.5	8.8	96		0.33	24		18.38	14.02	13.38
26.0	1033	7.0			0.41	1.7		9.5	8.8	96		0.37	26		18.37	14.02	13.38
26.0	1033	8.0			0.41	1.7		9.5	8.9	97		0.41	29		18.37	14.02	13.38
26.0	1033	9.0			0.41	1.7		9.5	8.8	96		0.45	32		18.37	14.02	13.38
26.0	1033	10.0			0.41	1.7		9.5	8.9	97		0.46	33		18.37	14.02	13.38
25.0	1018	1.0			0.39	1.7		9.1	8.1	89		0.20	14	1.7	19.07	13.96	13.92
25.0	1018	2.0			0.39	1.7		9.2	8.3	91		0.19	13		19.07	13.96	13.92
25.0	1018	3.0			0.39	1.7		9.3	8.4	92		0.21	15		19.08	13.96	13.93
25.0	1018	4.0			0.39	1.7		9.3	8.4	91		0.24	17		19.08	13.96	13.93
25.0	1018	5.0			0.39	1.7		9.3	8.4	91		0.26	19		19.08	13.95	13.94
25.0	1018	6.0			0.39	1.7		9.3	8.4	92		0.27	19		19.09	13.95	13.94
25.0	1018	7.0			0.39	1.7		9.3	8.4	92		0.29	21		19.10	13.95	13.94
25.0	1018	8.0			0.40	1.7		9.3	8.4	92		0.31	22		19.10	13.95	13.95
25.0	1018	9.0			0.40	1.7		9.3	8.4	92		0.34	24		19.10	13.94	13.95

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
24.0	1004	1.0			0.40	1.7		9.3	8.3	91		0.27	19	1.8	19.42	13.76	14.23
24.0	1004	2.0	1.6	0.50	0.40	1.7	8.5	9.2	8.3	91	16.3	0.28	20		19.43	13.77	14.23
24.0	1004	3.0			0.40	1.7		9.2	8.3	91		0.30	21		19.43	13.77	14.24
24.0	1004	4.0			0.40	1.7		9.3	8.3	91		0.34	24		19.43	13.77	14.24
24.0	1004	5.0			0.40	1.7		9.2	8.3	91		0.35	25		19.43	13.77	14.24
24.0	1004	6.0			0.40	1.7		9.3	8.4	91		0.37	26		19.43	13.77	14.24
24.0	1004	7.0			0.41	1.7		9.3	8.4	91		0.38	27		19.44	13.78	14.24
24.0	1004	8.0			0.41	1.7		9.3	8.4	92		0.40	29		19.44	13.78	14.24
24.0	1004	9.0			0.41	1.7		9.3	8.4	92		0.43	30		19.44	13.78	14.24
24.0	1004	10.0			0.42	1.7		9.3	8.5	92		0.46	32		19.44	13.78	14.24
24.0	1004	11.0	1.3	0.32	0.42	1.7		9.3	8.4	91		0.51	36		19.44	13.79	14.23
23.0	0950	1.0			0.43	1.7		9.0	7.9	87		0.23	17	1.8	19.04	14.23	13.85
23.0	0950	2.0			0.42	1.7		9.1	7.9	87		0.24	17		19.17	14.10	13.98
23.0	0950	3.0			0.42	1.7		9.1	8.0	87		0.26	18		19.24	14.05	14.03
23.0	0950	4.0			0.42	1.7		9.1	8.0	88		0.26	18		19.27	14.03	14.06
23.0	0950	5.0			0.41	1.7		9.1	8.0	87		0.26	18		19.24	14.06	14.04
23.0	0950	6.0			0.41	1.7		9.1	8.0	88		0.26	18		19.33	13.99	14.12
23.0	0950	7.0			0.41	1.7		9.1	8.1	88		0.26	18		19.34	13.98	14.13
23.0	0950	8.0			0.41	1.7		9.1	8.0	88		0.26	18		19.32	14.00	14.11
23.0	0950	9.0			0.41	1.7		9.1	8.0	88		0.26	19		19.42	13.93	14.20
23.0	0950	10.0			0.41	1.7		9.1	8.1	89		0.28	20		19.42	13.92	14.20
23.0	0950	11.0			0.42	1.7		9.1	8.1	89		0.28	20		19.43	13.91	14.20
23.0	0950	12.0			0.46	1.7		9.1	8.1	89		0.33	24		19.44	13.90	14.22
23.0	0950	13.0			0.50	1.6		9.2	8.1	89		0.72	51		19.44	13.90	14.22
23.0	0950	14.0			0.51	1.6		9.2	8.1	89		1.22	86		19.44	13.90	14.22
23.0	0950	15.0			0.52	1.6		9.2	8.1	89		1.58	111		19.45	13.89	14.22
23.0	0950	16.0			0.52	1.6		9.2	8.2	90		1.88	132		19.45	13.90	14.22
22.0	0936	1.0			0.40	1.7		8.9	7.6	83		0.23	16	1.6	19.48	13.73	14.28
22.0	0936	2.0			0.40	1.7		9.0	7.8	85		0.21	15		19.48	13.73	14.28
22.0	0936	3.0			0.40	1.7		9.0	7.8	85		0.22	16		19.48	13.73	14.28
22.0	0936	4.0			0.39	1.7		9.0	7.9	86		0.23	17		19.48	13.73	14.28
22.0	0936	5.0			0.39	1.7		9.0	7.9	86		0.25	18		19.49	13.74	14.28
22.0	0936	6.0			0.39	1.7		9.1	7.9	87		0.26	18		19.49	13.74	14.28
22.0	0936	7.0			0.39	1.7		9.1	7.9	87		0.28	20		19.49	13.74	14.28
22.0	0936	8.0			0.40	1.7		9.1	8.0	87		0.28	20		19.49	13.74	14.28
22.0	0936	9.0			0.40	1.7		9.1	8.0	87		0.29	20		19.49	13.74	14.29
22.0	0936	10.0			0.40	1.7		9.1	8.0	87		0.29	20		19.50	13.74	14.29
22.0	0936	11.0			0.40	1.7		9.1	8.0	87		0.30	21		19.51	13.74	14.30
22.0	0936	12.0			0.41	1.7		9.1	8.0	87		0.30	22		19.57	13.73	14.35
22.0	0936	13.0			0.41	1.7		9.1	8.1	88		0.31	22		19.58	13.72	14.36
22.0	0936	14.0			0.41	1.7		9.1	8.1	88		0.31	22		19.61	13.72	14.39

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
22.0	0936	15.0			0.41	1.7		9.1	8.0	87		0.31	22		19.66	13.72	14.42
22.0	0936	16.0			0.41	1.7		9.0	7.9	86		0.31	22		20.23	13.66	14.86
22.0	0936	17.0			0.42	1.7		9.0	7.9	86		0.31	22		21.17	13.56	15.61
22.0	0936	18.0			0.46	1.7		9.0	7.8	86		0.60	42		21.93	13.51	16.20
22.0	0936	19.0			0.46	1.7		9.0	7.8	86		0.97	68		22.18	13.49	16.40
21.0	0920	1.0			0.43	1.7		9.2	8.3	91		0.17	12	1.5	19.27	14.04	14.06
21.0	0920	2.0	1.6	0.54	0.42	1.7	8.5	9.2	8.2	90	13.1	0.19	14		19.40	13.94	14.18
21.0	0920	3.0			0.41	1.7		9.2	8.3	90		0.20	15		19.46	13.81	14.25
21.0	0920	4.0			0.40	1.7		9.3	8.4	91		0.23	16		19.47	13.76	14.26
21.0	0920	5.0			0.40	1.7		9.3	8.4	92		0.25	18		19.47	13.71	14.27
21.0	0920	6.0			0.40	1.7		9.3	8.5	92		0.26	18		19.49	13.69	14.30
21.0	0920	7.0			0.40	1.7		9.3	8.5	93		0.27	19		19.52	13.72	14.31
21.0	0920	8.0			0.40	1.7		9.3	8.5	93		0.26	19		19.56	13.76	14.34
21.0	0920	9.0			0.41	1.7		9.3	8.5	93		0.26	19		19.57	13.77	14.34
21.0	0920	10.0			0.41	1.7		9.4	8.6	94		0.26	19		19.59	13.78	14.36
21.0	0920	11.0			0.41	1.7		9.4	8.6	94		0.26	19		19.60	13.79	14.36
21.0	0920	12.0			0.41	1.7		9.3	8.4	92		0.26	19		19.64	13.83	14.38
21.0	0920	13.0			0.42	1.7		9.3	8.4	92		0.27	19		20.05	13.76	14.71
21.0	0920	14.0			0.43	1.7		9.3	8.4	92		0.37	26		20.79	13.68	15.30
21.0	0920	15.0			0.46	1.7		9.3	8.4	92		0.58	41		20.94	13.68	15.41
21.0	0920	16.0	1.4	0.16	0.45	1.7		9.3	8.4	92		0.97	69		20.98	13.69	15.44

	n	r^2	Slope	Inter.	Std. Err.
Fluorometer Calibration:	12	0.009	-0.316	1.806	0.299
OBS Calibration:	6	0.995	70.270	0.177	2.565
Dissolved Oxygen Calibration:	6	0.102	2.120	-11.272	0.329

SeaBird v4.026

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
36.0	1037	1.0			0.40	1.6		9.8	9.3	96		0.29	20	2.1	14.15	12.48	10.38
36.0	1037	2.0	1.2	0.59	0.39	1.5	9.0	9.8	9.3	96	19.6	0.28	19		14.77	12.53	10.85
36.0	1037	3.0			0.38	1.3		9.6	9.2	95		0.27	18		15.72	12.62	11.57
36.0	1037	4.0			0.37	1.2		9.6	9.1	95		0.22	15		15.88	12.65	11.69
36.0	1037	5.0			0.37	1.2		9.5	9.1	95		0.20	14		16.01	12.68	11.78
36.0	1037	6.0			0.36	1.1		9.5	9.1	95		0.20	14		16.05	12.69	11.81
36.0	1037	7.0	1.0	0.44	0.36	1.1		9.5	9.1	95		0.20	14		16.08	12.69	11.84
35.0	1049	1.0			0.39	1.5		9.4	8.9	93		0.12	10	1.2	15.06	12.74	11.05
35.0	1049	2.0			0.39	1.4		9.4	8.9	93		0.12	9		15.24	12.64	11.19
35.0	1049	3.0			0.39	1.4		9.4	8.9	93		0.12	9		15.35	12.59	11.29
35.0	1049	4.0			0.39	1.4		9.4	8.9	93		0.14	11		15.67	12.60	11.53
35.0	1049	5.0			0.38	1.3		9.4	9.0	93		0.20	14		15.84	12.63	11.66
35.0	1049	6.0			0.36	1.1		9.3	8.8	93		0.22	15		16.48	12.72	12.14
35.0	1049	7.0			0.36	1.1		9.2	8.8	92		0.16	12		16.61	12.74	12.23
35.0	1049	8.0			0.35	1.0		9.2	8.8	92		0.17	12		16.64	12.76	12.26
35.0	1049	9.0			0.35	1.0		9.2	8.8	92		0.19	13		16.69	12.76	12.30
35.0	1049	10.0			0.35	1.0		9.2	8.8	92		0.19	14		16.75	12.76	12.34
34.0	1100	1.0			0.42	1.9		9.6	9.1	94		0.07	7	1.2	15.11	12.61	11.10
34.0	1100	2.0			0.41	1.7		9.5	9.1	94		0.07	7		15.70	12.64	11.55
34.0	1100	3.0			0.39	1.4		9.3	8.9	93		0.08	8		16.40	12.71	12.08
34.0	1100	4.0			0.38	1.3		9.3	8.8	93		0.11	9		16.49	12.72	12.15
34.0	1100	5.0			0.37	1.2		9.3	8.8	93		0.12	10		16.56	12.73	12.20
34.0	1100	6.0			0.36	1.1		9.3	8.8	92		0.14	11		16.65	12.74	12.27
34.0	1100	7.0			0.35	1.0		9.2	8.7	92		0.15	11		16.89	12.78	12.45
34.0	1100	8.0			0.35	1.0		9.2	8.7	92		0.15	11		17.11	12.81	12.61
33.0	1114	1.0			0.42	1.9		9.7	9.2	95		0.06	6	0.8	15.18	12.55	11.17
33.0	1114	2.0			0.42	1.8		9.7	9.2	95		0.06	6		15.23	12.55	11.21
33.0	1114	3.0			0.41	1.7		9.7	9.2	95		0.05	6		15.43	12.52	11.36
33.0	1114	4.0			0.40	1.6		9.7	9.2	95		0.05	6		15.56	12.55	11.46
33.0	1114	5.0			0.39	1.5		9.6	9.1	95		0.05	6		16.05	12.64	11.82
33.0	1114	6.0			0.38	1.3		9.5	9.0	94		0.05	6		16.63	12.73	12.25
33.0	1114	7.0			0.36	1.2		9.3	8.9	94		0.06	6		17.08	12.79	12.59
33.0	1114	8.0			0.36	1.1		9.3	8.8	93		0.07	7		17.15	12.80	12.64
33.0	1114	9.0			0.35	1.0		9.3	8.8	93		0.08	7		17.26	12.82	12.73
33.0	1114	10.0			0.35	1.0		9.2	8.7	92		0.09	8		17.43	12.84	12.85
33.0	1114	11.0			0.35	1.0		9.1	8.7	92		0.11	9		17.67	12.87	13.03
33.0	1114	12.0			0.35	1.0		9.1	8.6	91		0.16	12		17.73	12.87	13.08
33.0	1114	13.0			0.36	1.1		9.1	8.6	91		0.26	17		17.79	12.88	13.13
33.0	1114	14.0			0.36	1.1		9.1	8.6	92		0.35	23		17.85	12.89	13.17

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32.0	1129	1.0			0.40	1.6		9.9	9.4	98		0.04	5	0.8	15.57	12.58	11.46
32.0	1129	2.0	2.2	0.70	0.39	1.4	9.2	9.8	9.3	97	6.3	0.03	5		16.07	12.65	11.84
32.0	1129	3.0			0.37	1.3		9.7	9.2	96		0.03	5		16.49	12.71	12.15
32.0	1129	4.0			0.36	1.1		9.6	9.1	96		0.05	5		17.10	12.78	12.61
32.0	1129	5.0			0.35	0.9		9.4	9.0	95		0.05	6		17.66	12.84	13.03
32.0	1129	6.0			0.34	0.9		9.4	8.9	94		0.06	6		17.69	12.84	13.06
32.0	1129	7.0			0.33	0.8		9.3	8.9	94		0.06	6		17.85	12.86	13.17
32.0	1129	8.0			0.32	0.7		9.2	8.8	93		0.06	6		18.24	12.90	13.47
32.0	1129	9.0			0.32	0.6		9.2	8.7	93		0.06	6		18.43	12.91	13.61
32.0	1129	10.0			0.32	0.6		9.1	8.7	92		0.07	7		18.47	12.92	13.64
32.0	1129	11.0			0.32	0.6		9.1	8.6	92		0.07	7		18.47	12.92	13.64
32.0	1129	12.0			0.32	0.7		9.1	8.6	92		0.08	7		18.50	12.93	13.66
32.0	1129	13.0			0.33	0.7		9.0	8.6	91		0.10	8		18.55	12.93	13.70
32.0	1129	14.0	0.6	0.48	0.33	0.7		9.1	8.6	92		0.11	9		18.57	12.93	13.71
31.0	1141	1.0			0.52	3.1		9.9	9.4	98		0.00	3	0.8	15.26	12.92	11.17
31.0	1141	2.0			0.54	3.3		9.9	9.4	98		0.00	3		15.28	12.76	11.21
31.0	1141	3.0			0.53	3.2		9.8	9.3	97		0.00	3		15.31	12.69	11.24
31.0	1141	4.0			0.49	2.6		9.8	9.3	96		0.00	3		15.49	12.59	11.40
31.0	1141	5.0			0.44	2.0		9.7	9.2	96		0.01	3		15.74	12.61	11.59
31.0	1141	6.0			0.40	1.6		9.7	9.2	96		0.01	3		16.04	12.64	11.81
31.0	1141	7.0			0.37	1.2		9.5	9.1	95		0.01	3		16.78	12.73	12.37
31.0	1141	8.0			0.35	1.0		9.3	8.9	94		0.01	4		17.71	12.82	13.07
31.0	1141	9.0			0.33	0.8		9.2	8.7	93		0.03	4		18.35	12.86	13.56
31.0	1141	10.0			0.32	0.7		9.1	8.6	92		0.03	5		18.74	12.90	13.85
31.0	1141	11.0			0.32	0.6		9.0	8.6	92		0.05	6		18.81	12.91	13.91
31.0	1141	12.0			0.32	0.6		9.0	8.6	91		0.06	6		18.89	12.91	13.96
31.0	1141	13.0			0.31	0.6		8.9	8.5	91		0.07	7		18.99	12.93	14.04
31.0	1141	14.0			0.31	0.5		8.9	8.5	91		0.09	8		19.07	12.93	14.10
31.0	1141	15.0			0.31	0.6		8.9	8.5	91		0.08	8		19.12	12.93	14.14
30.0	1159	1.0			0.69	5.1		10.3	9.8	102		0.00	3	0.8	15.09	12.76	11.07
30.0	1159	2.0	5.6	0.90	0.68	5.0	9.9	10.3	9.8	101	4.1	0.00	3		15.13	12.56	11.12
30.0	1159	3.0			0.64	4.5		10.2	9.7	101		0.00	3		15.14	12.52	11.14
30.0	1159	4.0			0.55	3.4		10.1	9.6	100		0.00	3		15.33	12.49	11.29
30.0	1159	5.0			0.49	2.7		10.1	9.6	99		0.00	3		15.45	12.51	11.38
30.0	1159	6.0			0.46	2.3		10.0	9.5	99		0.00	3		15.60	12.54	11.49
30.0	1159	7.0			0.44	2.1		10.0	9.5	98		0.00	3		15.70	12.56	11.56
30.0	1159	8.0			0.42	1.9		9.9	9.4	98		0.00	3		15.89	12.59	11.70
30.0	1159	9.0			0.41	1.7		9.9	9.4	98		0.00	3		16.11	12.63	11.87
30.0	1159	10.0			0.38	1.4		9.8	9.3	97		0.00	3		16.55	12.69	12.20
30.0	1159	11.0			0.34	0.9		9.4	8.9	95		0.01	3		18.81	12.84	13.92
30.0	1159	12.0			0.32	0.7		9.2	8.8	94		0.01	4		19.35	12.88	14.33

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30.0	1159	13.0			0.32	0.6		9.2	8.8	94		0.05	5		19.40	12.88	14.36
30.0	1159	14.0	0.8	0.33	0.32	0.6		9.2	8.8	94		0.08	7		19.40	12.88	14.36
29.5	1213	1.0			0.50	2.8		10.1	9.6	100		0.00	3	0.8	14.77	12.96	10.79
29.5	1213	2.0			0.53	3.1		9.9	9.4	98		0.00	3		14.82	12.87	10.84
29.5	1213	3.0			0.55	3.4		9.9	9.4	98		0.00	3		15.06	12.64	11.06
29.5	1213	4.0			0.50	2.8		10.0	9.5	98		0.00	3		15.23	12.50	11.21
29.5	1213	5.0			0.43	2.0		9.7	9.2	96		0.00	3		16.38	12.56	12.09
29.5	1213	6.0			0.39	1.5		9.6	9.1	95		0.00	3		16.84	12.60	12.43
29.5	1213	7.0			0.38	1.3		9.6	9.1	95		0.00	3		16.88	12.61	12.47
29.5	1213	8.0			0.37	1.2		9.6	9.1	95		0.00	3		17.06	12.64	12.60
29.5	1213	9.0			0.36	1.1		9.4	9.0	94		0.00	3		17.61	12.70	13.02
29.5	1213	10.0			0.34	0.9		9.3	8.8	93		0.00	3		18.37	12.78	13.58
29.5	1213	11.0			0.33	0.8		9.2	8.7	93		0.00	3		18.95	12.81	14.03
29.5	1213	12.0			0.33	0.7		9.0	8.6	92		0.01	3		19.46	12.85	14.41
29.5	1213	13.0			0.33	0.7		9.0	8.6	92		0.04	5		19.61	12.85	14.53
29.5	1213	14.0			0.33	0.8		9.0	8.6	92		0.12	10		19.66	12.86	14.56
29.5	1213	15.0			0.35	1.0		9.0	8.5	91		0.19	14		19.69	12.86	14.59
29.5	1213	16.0			0.35	1.0		9.0	8.6	92		0.30	20		19.69	12.86	14.59
29.0	1226	1.0			0.45	2.2		9.3	8.8	92		0.00	3	0.8	14.50	12.98	10.57
29.0	1226	2.0			0.48	2.5		9.6	9.1	94		0.00	3		14.79	12.41	10.88
29.0	1226	3.0			0.46	2.4		9.6	9.1	94		0.00	3		14.90	12.34	10.98
29.0	1226	4.0			0.45	2.3		9.6	9.1	94		0.00	3		14.92	12.31	11.00
29.0	1226	5.0			0.45	2.2		9.7	9.2	94		0.00	3		14.94	12.29	11.02
29.0	1226	6.0			0.42	1.8		9.8	9.3	96		0.00	3		15.12	12.31	11.16
29.0	1226	7.0			0.38	1.3		9.5	9.1	95		0.00	3		16.76	12.56	12.38
29.0	1226	8.0			0.35	1.0		9.3	8.8	93		0.00	3		18.38	12.72	13.61
29.0	1226	9.0			0.33	0.8		9.1	8.6	92		0.00	3		19.08	12.79	14.13
29.0	1226	10.0			0.33	0.7		9.0	8.5	91		0.00	3		19.69	12.80	14.60
29.0	1226	11.0			0.33	0.7		8.9	8.5	91		0.01	3		19.95	12.81	14.80
29.0	1226	12.0			0.32	0.7		8.9	8.5	91		0.03	5		20.07	12.81	14.89
29.0	1226	13.0			0.32	0.7		8.9	8.5	91		0.05	6		20.15	12.81	14.96
29.0	1226	14.0			0.33	0.7		8.9	8.4	91		0.09	8		20.18	12.82	14.98
29.0	1226	15.0			0.33	0.7		8.9	8.5	91		0.12	10		20.20	12.82	14.99
28.0	1240	1.0			0.50	2.9		9.7	9.2	95		0.00	3	0.8	14.13	12.64	10.34
28.0	1240	2.0			0.55	3.4		9.8	9.3	95		0.00	3		14.46	12.36	10.64
28.0	1240	3.0			0.56	3.6		9.8	9.3	96		0.00	3		14.55	12.29	10.72
28.0	1240	4.0			0.54	3.3		9.8	9.3	96		0.00	3		14.76	12.31	10.88
28.0	1240	5.0			0.50	2.8		9.9	9.4	97		0.00	3		14.85	12.33	10.95
28.0	1240	6.0			0.43	2.0		9.9	9.4	97		0.00	3		15.51	12.40	11.44
28.0	1240	7.0			0.37	1.2		9.4	8.9	94		0.00	3		17.85	12.64	13.21

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28.0	1240	8.0			0.34	0.9		9.2	8.8	93		0.00	3		18.67	12.66	13.84
28.0	1240	9.0			0.33	0.8		9.1	8.7	93		0.00	3		19.11	12.68	14.18
28.0	1240	10.0			0.33	0.7		9.1	8.6	92		0.00	3		19.40	12.69	14.40
28.0	1240	11.0			0.33	0.7		9.0	8.6	92		0.00	3		19.80	12.71	14.70
28.0	1240	12.0			0.33	0.7		8.9	8.5	91		0.01	3		20.37	12.73	15.14
28.0	1240	13.0			0.33	0.7		8.9	8.5	91		0.03	5		20.51	12.74	15.24
28.0	1240	14.0			0.33	0.7		8.9	8.4	91		0.10	9		20.56	12.74	15.28
28.0	1240	15.0			0.34	0.8		8.9	8.4	91		0.15	12		20.59	12.74	15.31
28.0	1240	16.0			0.34	0.9		8.9	8.4	91		0.21	15		20.62	12.74	15.33
27.0	1254	1.0			0.43	1.9		9.6	9.1	94		0.02	4	0.8	13.64	12.59	9.97
27.0	1254	2.0	2.5	0.83	0.44	2.1	9.7	9.7	9.2	95	3.5	0.01	3		14.68	12.31	10.81
27.0	1254	3.0			0.42	1.9		9.8	9.4	96		0.01	3		15.02	12.29	11.08
27.0	1254	4.0			0.39	1.4		9.7	9.2	96		0.00	3		16.23	12.45	11.99
27.0	1254	5.0			0.36	1.1		9.4	8.9	94		0.00	3		17.74	12.62	13.13
27.0	1254	6.0			0.34	0.9		9.3	8.9	94		0.00	3		18.51	12.63	13.72
27.0	1254	7.0			0.32	0.7		9.2	8.7	93		0.00	3		19.55	12.71	14.51
27.0	1254	8.0			0.32	0.6		9.0	8.6	92		0.00	3		20.59	12.73	15.31
27.0	1254	9.0			0.31	0.5		9.0	8.5	92		0.03	5		21.05	12.73	15.66
27.0	1254	10.0			0.31	0.5		8.9	8.5	92		0.10	8		21.17	12.73	15.76
27.0	1254	11.0			0.32	0.7		8.9	8.5	92		0.13	10		21.18	12.73	15.76
27.0	1254	12.0	0.8	0.48	0.33	0.7		9.0	8.6	92		0.14	11		21.17	12.74	15.76
26.0	1307	1.0			0.39	1.5		9.4	8.9	92		0.03	5	0.9	12.60	13.14	9.09
26.0	1307	2.0			0.40	1.6		9.7	9.2	94		0.03	5		13.71	12.25	10.07
26.0	1307	3.0			0.40	1.6		9.6	9.1	94		0.02	4		14.56	12.32	10.72
26.0	1307	4.0			0.39	1.5		9.6	9.1	94		0.02	4		14.97	12.34	11.03
26.0	1307	5.0			0.37	1.3		9.6	9.1	94		0.03	4		15.59	12.43	11.50
26.0	1307	6.0			0.35	1.0		9.5	9.0	94		0.02	4		17.02	12.52	12.59
26.0	1307	7.0			0.33	0.7		8.9	8.5	92		0.01	4		20.94	12.71	15.58
26.0	1307	8.0			0.32	0.6		8.8	8.4	91		0.09	8		21.40	12.72	15.93
26.0	1307	9.0			0.32	0.6		8.8	8.4	91		0.18	13		21.41	12.72	15.94
26.0	1307	10.0			0.32	0.6		8.9	8.5	91		0.24	16		21.41	12.72	15.94
25.0	1322	1.0			0.48	2.5		10.1	9.6	99		0.02	4	1.0	14.23	12.60	10.43
25.0	1322	2.0			0.48	2.5		10.0	9.5	98		0.01	4		14.23	12.55	10.44
25.0	1322	3.0			0.47	2.5		9.9	9.4	97		0.01	4		14.30	12.44	10.50
25.0	1322	4.0			0.43	2.0		9.9	9.4	96		0.01	3		14.77	12.23	10.89
25.0	1322	5.0			0.39	1.5		10.0	9.5	97		0.00	3		15.03	12.23	11.10
25.0	1322	6.0			0.36	1.1		9.7	9.2	96		0.00	3		16.39	12.43	12.12
25.0	1322	7.0			0.34	0.8		9.4	9.0	95		0.00	3		18.31	12.56	13.57
25.0	1322	8.0			0.34	0.9		9.3	8.9	94		0.03	4		19.56	12.60	14.54

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24.0	1337	1.0			0.54	3.3		10.2	9.7	97		0.06	7	1.1	11.12	12.39	8.06
24.0	1337	2.0	2.9	0.82	0.58	3.7	9.8	10.4	9.8	99	4.6	0.07	7		11.26	12.23	8.19
24.0	1337	3.0			0.58	3.7		10.6	10.0	101		0.07	7		12.13	12.27	8.86
24.0	1337	4.0			0.53	3.2		10.1	9.6	99		0.06	6		13.21	12.58	9.64
24.0	1337	5.0			0.45	2.2		10.1	9.6	98		0.04	5		13.68	12.36	10.03
24.0	1337	6.0			0.38	1.4		9.7	9.2	96		0.03	4		17.12	12.42	12.68
24.0	1337	7.0			0.35	1.0		9.4	8.9	95		0.02	4		18.79	12.51	13.96
24.0	1337	8.0			0.33	0.8		9.3	8.9	94		0.05	6		19.15	12.52	14.23
24.0	1337	9.0			0.33	0.7		9.3	8.8	94		0.08	7		19.42	12.53	14.44
24.0	1337	10.0	0.7	0.54	0.33	0.8		9.3	8.9	94		0.09	8		19.48	12.53	14.49
23.0	1351	1.0			0.51	3.0		10.0	9.5	98		0.05	6	1.0	11.95	13.24	8.57
23.0	1351	2.0			0.52	3.1		9.7	9.3	94		0.05	5		12.44	12.68	9.03
23.0	1351	3.0			0.55	3.5		10.1	9.6	96		0.05	5		12.52	11.97	9.20
23.0	1351	4.0			0.55	3.4		10.2	9.7	98		0.04	5		12.69	11.98	9.33
23.0	1351	5.0			0.55	3.4		10.1	9.6	97		0.05	6		12.85	12.16	9.43
23.0	1351	6.0			0.54	3.3		10.1	9.6	97		0.05	5		13.07	12.17	9.60
23.0	1351	7.0			0.52	3.0		10.1	9.6	98		0.05	5		13.35	12.08	9.82
23.0	1351	8.0			0.49	2.7		10.0	9.5	97		0.04	5		13.62	12.14	10.02
23.0	1351	9.0			0.45	2.2		10.1	9.6	98		0.03	5		14.05	12.09	10.36
23.0	1351	10.0			0.40	1.6		9.8	9.3	97		0.02	4		15.83	12.26	11.71
23.0	1351	11.0			0.37	1.3		9.5	9.0	95		0.03	4		18.26	12.41	13.56
23.0	1351	12.0			0.36	1.2		9.3	8.9	94		0.11	9		19.01	12.45	14.14
23.0	1351	13.0			0.36	1.2		9.3	8.8	94		0.22	15		19.34	12.46	14.38
23.0	1351	14.0			0.37	1.2		9.3	8.8	93		0.30	20		19.47	12.47	14.49
23.0	1351	15.0			0.37	1.2		9.3	8.8	94		0.35	23		19.50	12.47	14.51
22.0	1408	1.0			0.44	2.0		9.9	9.4	94		0.07	7	1.0	12.72	11.99	9.35
22.0	1408	2.0			0.43	2.0		9.9	9.4	94		0.06	6		13.00	11.80	9.59
22.0	1408	3.0			0.42	1.9		9.9	9.4	95		0.06	6		13.24	11.78	9.79
22.0	1408	4.0			0.42	1.8		10.0	9.5	96		0.05	6		13.75	11.83	10.17
22.0	1408	5.0			0.41	1.7		9.9	9.4	96		0.05	6		14.83	12.02	10.97
22.0	1408	6.0			0.40	1.6		9.9	9.4	96		0.04	5		15.23	12.08	11.28
22.0	1408	7.0			0.38	1.4		9.6	9.1	95		0.03	5		17.36	12.26	12.90
22.0	1408	8.0			0.37	1.2		9.5	9.0	94		0.03	5		18.04	12.30	13.41
22.0	1408	9.0			0.36	1.1		9.3	8.9	94		0.04	5		18.75	12.34	13.95
22.0	1408	10.0			0.36	1.2		9.2	8.8	93		0.12	10		19.18	12.37	14.28
22.0	1408	11.0			0.37	1.2		9.2	8.8	93		0.21	15		19.36	12.38	14.42
22.0	1408	12.0			0.37	1.2		9.2	8.7	93		0.32	21		19.73	12.40	14.69
22.0	1408	13.0			0.37	1.2		9.1	8.7	92		0.40	26		20.07	12.40	14.96
22.0	1408	14.0			0.37	1.3		9.1	8.7	92		0.49	30		20.40	12.40	15.22
22.0	1408	15.0			0.37	1.2		9.1	8.6	92		0.53	33		20.92	12.41	15.62
22.0	1408	16.0			0.37	1.2		9.0	8.6	92		0.53	33		21.28	12.42	15.89

South San Francisco Bay MARCH 1, 1996 96061

STN	TIME	DEPTH	DISCR CHL a	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	1408	17.0			0.36	1.1		9.0	8.6	92		0.49	31		21.73	12.44	16.24
22.0	1408	18.0			0.36	1.1		9.0	8.6	92		0.47	30		21.96	12.45	16.41
21.0	1420	1.0			0.50	2.8		10.3	9.7	98		0.07	7	1.2	12.64	12.13	9.27
21.0	1420	2.0	2.5	0.81	0.49	2.7	9.6	10.2	9.7	98	5.2	0.07	7		13.00	12.11	9.55
21.0	1420	3.0			0.47	2.5		10.3	9.8	99		0.07	7		13.58	12.03	10.01
21.0	1420	4.0			0.46	2.3		10.1	9.6	98		0.06	6		14.96	12.11	11.06
21.0	1420	5.0			0.46	2.3		10.0	9.5	98		0.05	6		15.07	12.14	11.14
21.0	1420	6.0			0.46	2.3		10.0	9.5	97		0.08	7		15.19	12.16	11.23
21.0	1420	7.0			0.45	2.2		9.9	9.4	97		0.10	9		15.67	12.15	11.60
21.0	1420	8.0			0.44	2.0		9.9	9.4	97		0.11	9		16.18	12.18	12.00
21.0	1420	9.0			0.42	1.8		9.8	9.3	96		0.12	9		16.75	12.20	12.43
21.0	1420	10.0			0.40	1.6		9.7	9.2	96		0.12	10		17.22	12.21	12.79
21.0	1420	11.0			0.39	1.4		9.6	9.2	96		0.16	12		17.80	12.23	13.24
21.0	1420	12.0			0.38	1.3		9.5	9.0	95		0.17	13		19.08	12.29	14.22
21.0	1420	13.0			0.37	1.2		9.5	9.0	95		0.21	15		19.66	12.33	14.66
21.0	1420	14.0			0.37	1.2		9.3	8.9	95		0.30	20		21.09	12.41	15.75
21.0	1420	15.0			0.38	1.3		9.2	8.8	94		0.53	33		22.04	12.44	16.48
21.0	1420	16.0			0.39	1.5		9.2	8.8	95		0.58	36		22.10	12.43	16.53
21.0	1420	17.0			0.40	1.6		9.2	8.8	94		0.62	38		22.22	12.43	16.62
21.0	1420	18.0	1.2	0.41	0.40	1.5		9.2	8.7	94		0.64	39		22.63	12.41	16.93

	n	r^2	Slope	Inter.	Std. Err.
Fluorometer Calibration:	12	0.912	12.147	-3.263	0.444
OBS Calibration:	6	0.943	56.872	2.859	1.641
Dissolved Oxygen Calibration:	6	0.537	0.924	0.250	0.287

SeaBird v4.026

North San Francisco Bay MARCH 6,1996 96066

STN	TIME	DEPTH	DISCR CHL a	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	1726	1.0			0.49	1.8		10.9	10.1	92		1.56	85	4.2	0.08	11.01	0.00
657.0	1726	2.0	2.2	0.78	0.49	1.8	9.9	10.9	10.1	92	73.1	1.38	76		0.08	11.01	0.00
657.0	1726	3.0			0.49	1.9		10.9	10.1	92		1.41	77		0.08	11.01	0.00
657.0	1726	4.0			0.50	1.9		10.9	10.1	92		1.44	79		0.08	11.02	0.00
657.0	1726	5.0			0.50	1.9		10.9	10.1	92		1.45	79		0.09	11.04	0.00
657.0	1726	6.0			0.50	1.9		10.9	10.1	92		1.45	80		0.09	11.04	0.00
657.0	1726	7.0			0.51	2.0		10.9	10.1	92		1.52	83		0.09	11.06	0.00
657.0	1726	8.0			0.52	2.1		10.8	10.1	92		1.54	84		0.09	11.07	0.00
657.0	1726	9.0			0.52	2.1		10.8	10.1	92		1.58	86		0.09	11.08	0.00
657.0	1726	10.0			0.52	2.1		10.8	10.1	92		1.55	85		0.09	11.08	0.00
657.0	1726	11.0			0.52	2.1		10.8	10.1	92		1.54	84		0.09	11.09	0.00
657.0	1726	12.0	2.2	0.74	0.52	2.1		10.8	10.1	92		1.56	85		0.09	11.10	0.00
649.0	1627	1.0			0.48	1.8		10.5	9.9	91		1.13	63	4.2	0.08	11.60	0.00
649.0	1627	2.0	1.9	0.60	0.49	1.8	10.0	10.6	9.9	91		1.13	63		0.08	11.43	0.00
649.0	1627	3.0			0.49	1.9		10.5	9.9	91		1.18	66		0.08	11.41	0.00
649.0	1627	4.0			0.50	2.0		10.4	9.9	90		1.34	74		0.09	11.34	0.00
649.0	1627	5.0			0.50	2.0		10.4	9.9	90		1.40	77		0.09	11.19	0.00
649.0	1627	6.0			0.50	1.9		10.5	9.9	90		1.46	80		0.08	11.09	0.00
649.0	1627	7.0			0.50	1.9		10.5	9.9	90		1.46	80		0.08	11.04	0.00
649.0	1627	8.0			0.49	1.9		10.5	9.9	90		1.47	80		0.08	11.03	0.00
649.0	1627	9.0			0.49	1.9		10.5	9.9	90		1.50	82		0.08	11.01	0.00
649.0	1627	10.0			0.49	1.9		10.6	9.9	90		1.47	80		0.08	11.00	0.00
649.0	1627	11.0			0.49	1.9		10.6	9.9	90		1.48	81		0.08	11.00	0.00
649.0	1627	12.0			0.49	1.8		10.6	9.9	90		1.46	80		0.08	11.00	0.00
649.0	1627	13.0	1.9	0.57	0.49	1.8		10.6	10.0	90		1.48	81		0.08	10.97	0.00
2.0	1605	1.0			0.44	1.4		10.6	9.9	90		0.61	36	3.0	0.08	10.96	0.00
2.0	1605	2.0			0.44	1.5		10.7	10.0	91		0.71	41		0.08	10.89	0.00
2.0	1605	3.0			0.44	1.5		10.7	10.0	91		0.85	49		0.08	10.89	0.00
2.0	1605	4.0			0.45	1.5		10.7	10.0	91		0.93	53		0.08	10.90	0.00
2.0	1605	5.0			0.45	1.5		10.7	10.0	91		1.03	58		0.08	10.90	0.00
2.0	1605	6.0			0.46	1.6		10.7	10.0	91		1.07	60		0.08	10.89	0.00
2.0	1605	7.0			0.46	1.6		10.7	10.0	91		1.14	64		0.08	10.90	0.00
2.0	1605	8.0			0.47	1.7		10.7	10.0	91		1.16	65		0.08	10.91	0.00
2.0	1605	9.0			0.47	1.7		10.7	10.0	91		1.23	68		0.08	10.92	0.00
2.0	1605	10.0			0.47	1.7		10.7	10.0	91		1.26	70		0.08	10.92	0.00
2.0	1605	11.0			0.47	1.7		10.7	10.0	91		1.33	73		0.08	10.92	0.00
3.0	1550	1.0			0.47	1.7		10.5	9.9	90		1.33	73	4.6	0.08	11.04	0.00
3.0	1550	2.0	1.6	0.56	0.47	1.7	10.1	10.6	9.9	90		1.22	68		0.08	11.00	0.00
3.0	1550	3.0			0.47	1.7		10.6	9.9	90		1.25	69		0.08	10.99	0.00
3.0	1550	4.0			0.47	1.7		10.6	9.9	90		1.25	69		0.08	10.98	0.00

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
3.0	1550	5.0			0.47	1.7		10.6	9.9	90		1.26	70		0.08	10.98	0.00
3.0	1550	6.0			0.47	1.7		10.6	9.9	90		1.27	70		0.08	10.96	0.00
3.0	1550	7.0			0.48	1.7		10.6	10.0	90		1.27	70		0.08	10.95	0.00
3.0	1550	8.0			0.47	1.7		10.6	9.9	90		1.28	71		0.08	10.95	0.00
3.0	1550	9.0			0.47	1.7		10.6	10.0	90		1.28	71		0.08	10.93	0.00
3.0	1550	10.0			0.47	1.7		10.6	10.0	90		1.29	71		0.08	10.92	0.00
3.0	1550	11.0			0.47	1.7		10.6	10.0	90		1.28	71		0.08	10.92	0.00
3.0	1550	12.0			0.47	1.7		10.6	10.0	90		1.29	71		0.08	10.92	0.00
3.0	1550	13.0	1.7	0.51	0.47	1.7		10.6	10.0	91		1.32	73		0.08	10.91	0.00
4.0	1528	1.0			0.45	1.5		10.7	10.0	91		0.86	49	3.4	0.08	11.03	0.00
4.0	1528	2.0			0.44	1.5		10.7	10.0	91		0.83	48		0.08	11.05	0.00
4.0	1528	3.0			0.44	1.5		10.7	10.0	91		0.84	48		0.08	11.01	0.00
4.0	1528	4.0			0.45	1.5		10.7	10.0	91		0.85	48		0.08	10.99	0.00
4.0	1528	5.0			0.45	1.5		10.7	10.0	91		0.84	48		0.08	10.98	0.00
4.0	1528	6.0			0.45	1.5		10.7	10.0	91		0.85	48		0.08	10.95	0.00
4.0	1528	7.0			0.45	1.5		10.7	10.0	91		0.85	49		0.08	10.92	0.00
4.0	1528	8.0			0.45	1.5		10.7	10.0	91		0.87	50		0.08	10.90	0.00
4.0	1528	9.0			0.45	1.5		10.7	10.0	91		0.88	50		0.08	10.89	0.00
4.0	1528	10.0			0.45	1.5		10.7	10.0	91		0.92	52		0.08	10.90	0.00
4.0	1528	11.0			0.44	1.5		10.7	10.0	91		0.93	53		0.08	10.90	0.00
4.0	1528	12.0			0.44	1.4		10.7	10.0	91		0.92	52		0.08	10.89	0.00
4.0	1528	13.0			0.44	1.5		10.7	10.0	91		0.94	53		0.08	10.89	0.00
4.0	1528	14.0			0.45	1.5		10.7	10.0	91		0.93	53		0.08	10.89	0.00
4.0	1528	15.0			0.45	1.5		10.7	10.0	91		0.93	53		0.08	10.88	0.00
4.0	1528	16.0			0.45	1.5		10.7	10.0	91		0.95	54		0.08	10.88	0.00
4.0	1528	17.0			0.45	1.5		10.7	10.0	91		0.95	54		0.08	10.88	0.00
5.0	1510	1.0			0.46	1.6		10.7	10.0	91		1.11	62	4.0	0.08	11.12	0.00
5.0	1510	2.0			0.46	1.6		10.7	10.0	91		1.12	63		0.08	11.11	0.00
5.0	1510	3.0			0.46	1.6		10.7	10.0	91		1.13	63		0.08	11.11	0.00
5.0	1510	4.0			0.46	1.6		10.7	10.0	91		1.16	65		0.08	11.11	0.00
5.0	1510	5.0			0.46	1.7		10.7	10.0	91		1.18	65		0.08	11.10	0.00
5.0	1510	6.0			0.47	1.7		10.7	10.0	91		1.18	66		0.08	11.10	0.00
5.0	1510	7.0			0.47	1.7		10.7	10.0	91		1.17	65		0.08	11.10	0.00
5.0	1510	8.0			0.47	1.7		10.7	10.0	91		1.16	65		0.08	11.10	0.00
5.0	1510	9.0			0.47	1.7		10.7	10.0	91		1.15	64		0.08	11.10	0.00
5.0	1510	10.0			0.46	1.6		10.7	10.0	91		1.16	65		0.08	11.09	0.00
5.0	1510	11.0			0.46	1.7		10.7	10.0	91		1.17	65		0.08	11.09	0.00
5.0	1510	12.0			0.47	1.7		10.7	10.0	91		1.18	66		0.08	11.09	0.00
5.0	1510	13.0			0.47	1.7		10.7	10.0	91		1.19	66		0.08	11.09	0.00

North San Francisco Bay MARCH 6,1996 96066

STN	TIME	DEPTH	DISCR CHL a	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	1450	1.0			0.44	1.4		10.8	10.1	92		0.78	45	3.2	0.08	11.06	0.00
6.0	1450	2.0	1.3	0.47	0.44	1.4	10.1	10.8	10.1	92	43.6	0.78	45		0.08	11.06	0.00
6.0	1450	3.0			0.44	1.5		10.8	10.1	92		0.77	45		0.08	11.06	0.00
6.0	1450	4.0			0.45	1.5		10.8	10.1	92		0.78	45		0.08	11.06	0.00
6.0	1450	5.0			0.45	1.5		10.8	10.1	92		0.77	45		0.08	11.06	0.00
6.0	1450	6.0			0.45	1.5		10.9	10.1	92		0.79	45		0.08	11.06	0.00
6.0	1450	7.0			0.45	1.5		10.8	10.1	92		0.78	45		0.08	11.06	0.00
6.0	1450	8.0			0.45	1.5		10.8	10.1	92		0.78	45		0.08	11.06	0.00
6.0	1450	9.0			0.45	1.5		10.9	10.1	92		0.78	45		0.08	11.06	0.00
6.0	1450	10.0			0.45	1.5		10.9	10.1	92		0.76	44		0.08	11.06	0.00
6.0	1450	11.0			0.45	1.5		10.8	10.1	92		0.76	44		0.08	11.06	0.00
6.0	1450	12.0			0.45	1.6		10.8	10.1	92		0.76	44		0.08	11.06	0.00
6.0	1450	13.0	1.3	0.47	0.45	1.6		10.8	10.1	92		0.78	45		0.08	11.06	0.00
7.0	1426	1.0			0.45	1.5		10.5	9.9	90		1.00	57	3.8	0.09	10.90	0.00
7.0	1426	2.0			0.45	1.5		10.5	9.9	90		0.96	54		0.09	10.90	0.00
7.0	1426	3.0			0.45	1.6		10.6	9.9	90		0.97	55		0.09	10.90	0.00
7.0	1426	4.0			0.46	1.6		10.6	10.0	90		0.98	55		0.09	10.89	0.00
7.0	1426	5.0			0.46	1.6		10.6	10.0	90		1.00	57		0.09	10.89	0.00
7.0	1426	6.0			0.46	1.6		10.6	10.0	90		1.02	58		0.09	10.89	0.00
7.0	1426	7.0			0.46	1.6		10.7	10.0	91		1.02	58		0.09	10.89	0.00
7.0	1426	8.0			0.46	1.6		10.7	10.0	91		1.02	57		0.09	10.89	0.00
7.0	1426	9.0			0.46	1.6		10.7	10.0	91		1.04	58		0.09	10.89	0.00
7.0	1426	10.0			0.46	1.6		10.7	10.0	91		1.04	58		0.09	10.89	0.00
7.0	1426	11.0			0.46	1.6		10.7	10.0	91		1.03	58		0.09	10.88	0.00
7.0	1426	12.0			0.46	1.6		10.7	10.0	91		1.07	60		0.09	10.88	0.00
7.0	1426	13.0			0.47	1.7		10.7	10.0	91		1.07	60		0.09	10.88	0.00
7.0	1426	14.0			0.47	1.7		10.7	10.0	91		1.10	62		0.09	10.88	0.00
7.0	1426	15.0			0.47	1.7		10.7	10.0	91		1.13	63		0.09	10.88	0.00
8.0	1406	1.0			0.45	1.6		11.0	10.2	92		1.15	64	4.3	0.09	10.94	0.00
8.0	1406	2.0			0.45	1.6		10.9	10.2	92		1.07	60		0.09	10.93	0.00
8.0	1406	3.0			0.46	1.6		11.0	10.2	92		1.10	61		0.09	10.93	0.00
8.0	1406	4.0			0.46	1.6		10.9	10.2	92		1.09	61		0.09	10.93	0.00
8.0	1406	5.0			0.45	1.6		11.0	10.2	92		1.10	61		0.09	10.92	0.00
8.0	1406	6.0			0.45	1.6		10.9	10.2	92		1.09	61		0.09	10.92	0.00
8.0	1406	7.0			0.45	1.6		10.9	10.1	92		1.10	62		0.09	10.92	0.00
8.0	1406	8.0			0.45	1.6		10.9	10.1	92		1.11	62		0.09	10.92	0.00
8.0	1406	9.0			0.46	1.6		10.9	10.1	92		1.11	62		0.09	10.92	0.00
8.0	1406	10.0			0.46	1.6		10.9	10.1	92		1.11	62		0.09	10.91	0.00
8.0	1406	11.0			0.46	1.6		10.9	10.2	92		1.13	63		0.09	10.91	0.00
8.0	1406	12.0			0.46	1.6		10.9	10.1	92		1.17	65		0.09	10.91	0.00
8.0	1406	13.0			0.46	1.6		10.9	10.1	92		1.17	65		0.09	10.90	0.00

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
8.0	1406	14.0			0.46	1.6		10.9	10.1	92		1.15	64		0.09	10.90	0.00
8.0	1406	15.0			0.46	1.6		10.9	10.1	92		1.17	65		0.09	10.90	0.00
8.0	1406	16.0			0.46	1.6		10.9	10.1	92		1.16	64		0.09	10.90	0.00
8.0	1406	17.0			0.47	1.7		10.9	10.1	92		1.18	66		0.09	10.90	0.00
9.0	1337	1.0			0.46	1.6		11.0	10.2	93		1.18	66	4.2	0.12	11.10	0.00
9.0	1337	2.0	1.5	0.40	0.46	1.6	10.2	11.0	10.2	93	64.8	1.06	60		0.11	11.11	0.00
9.0	1337	3.0			0.46	1.6		11.0	10.2	93		1.07	60		0.12	11.11	0.00
9.0	1337	4.0			0.47	1.7		11.0	10.2	93		1.11	62		0.11	11.11	0.00
9.0	1337	5.0			0.46	1.6		11.0	10.2	93		1.10	61		0.11	11.09	0.00
9.0	1337	6.0			0.46	1.6		11.0	10.2	93		1.11	62		0.12	11.08	0.00
9.0	1337	7.0			0.46	1.6		11.0	10.2	93		1.12	62		0.12	11.08	0.00
9.0	1337	8.0			0.46	1.6		11.0	10.2	93		1.12	62		0.12	11.07	0.00
9.0	1337	9.0			0.46	1.6		11.0	10.2	93		1.11	62		0.12	11.08	0.00
9.0	1337	10.0			0.46	1.7		11.0	10.2	93		1.10	61		0.12	11.08	0.00
9.0	1337	11.0			0.47	1.7		11.0	10.2	93		1.09	61		0.13	11.07	0.00
9.0	1337	12.0			0.47	1.7		11.0	10.2	93		1.11	62		0.13	11.06	0.00
9.0	1337	13.0			0.47	1.7		11.0	10.2	93		1.11	62		0.13	11.06	0.00
9.0	1337	14.0			0.47	1.7		11.0	10.2	93		1.12	62		0.14	11.06	0.00
9.0	1337	15.0			0.47	1.7		11.0	10.2	93		1.11	62		0.14	11.06	0.00
9.0	1337	16.0			0.47	1.7		11.0	10.2	93		1.10	62		0.14	11.06	0.00
9.0	1337	17.0			0.47	1.7		11.0	10.2	93		1.13	63		0.13	11.06	0.00
9.0	1337	18.0			0.46	1.6		11.0	10.2	93		1.13	63		0.13	11.06	0.00
9.0	1337	19.0			0.46	1.6		11.0	10.2	93		1.09	61		0.13	11.06	0.00
9.0	1337	20.0			0.47	1.7		11.0	10.2	93		1.11	62		0.13	11.06	0.00
9.0	1337	21.0			0.47	1.7		11.0	10.2	93		1.10	61		0.15	11.06	0.00
9.0	1337	22.0			0.47	1.7		11.0	10.2	93		1.11	62		0.26	11.04	0.00
9.0	1337	23.0			0.47	1.7		11.0	10.2	93		1.13	63		0.28	11.04	0.00
9.0	1337	24.0			0.47	1.7		11.0	10.2	93		1.14	64		0.32	11.03	0.00
9.0	1337	25.0			0.47	1.7		11.0	10.2	93		1.19	66		0.38	11.02	0.00
9.0	1337	26.0			0.48	1.7		11.0	10.2	93		1.17	65		0.41	11.02	0.00
9.0	1337	27.0			0.47	1.7		11.0	10.2	93		1.20	67		0.44	11.02	0.00
9.0	1337	28.0			0.47	1.7		11.0	10.2	93		1.22	68		0.44	11.02	0.00
9.0	1337	29.0			0.47	1.7		11.0	10.2	93		1.24	68		0.44	11.02	0.00
9.0	1337	30.0			0.47	1.7		11.0	10.2	93		1.25	69		0.44	11.02	0.00
9.0	1337	31.0			0.46	1.7		11.0	10.2	93		1.27	70		0.44	11.02	0.00
9.0	1337	32.0			0.46	1.6		11.0	10.2	93		1.30	72		0.44	11.02	0.00
9.0	1337	33.0	1.6	0.48	0.46	1.6		11.0	10.2	93		1.38	76		0.43	11.02	0.00
10.0	1324	1.0			0.47	1.7		10.8	10.0	92		1.52	83	5.1	0.31	11.11	0.00
10.0	1324	2.0			0.47	1.7		10.8	10.0	92		1.47	81		0.33	11.11	0.00
10.0	1324	3.0			0.47	1.7		10.8	10.1	92		1.49	81		0.35	11.11	0.00
10.0	1324	4.0			0.47	1.7		10.8	10.0	92		1.46	80		0.39	11.10	0.00

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
10.0	1324	5.0			0.47	1.7		10.8	10.1	92		1.43	78		0.42	11.10	0.00
10.0	1324	6.0			0.47	1.7		10.8	10.1	92		1.40	77		0.47	11.08	0.00
10.0	1324	7.0			0.47	1.7		10.8	10.1	92		1.29	71		0.51	11.08	0.00
10.0	1324	8.0			0.47	1.7		10.8	10.0	92		1.29	71		0.55	11.08	0.03
10.0	1324	9.0			0.47	1.7		10.8	10.0	92		1.28	71		0.58	11.08	0.05
10.0	1324	10.0			0.48	1.7		10.7	10.0	92		1.31	72		0.67	11.07	0.13
10.0	1324	11.0			0.47	1.7		10.7	10.0	92		1.40	77		1.04	11.05	0.42
10.0	1324	12.0			0.47	1.7		10.7	10.0	92		1.41	77		1.18	11.05	0.52
10.0	1324	13.0			0.48	1.7		10.7	10.0	92		1.42	78		1.66	11.06	0.90
10.0	1324	14.0			0.48	1.8		10.7	10.0	92		1.52	83		2.17	11.07	1.29
10.0	1324	15.0			0.48	1.8		10.7	10.0	92		1.59	87		2.38	11.08	1.46
10.0	1324	16.0			0.49	1.9		10.6	10.0	92		1.66	90		2.67	11.10	1.68
10.0	1324	17.0			0.50	1.9		10.6	9.9	92		1.72	93		3.06	11.12	1.98
10.0	1324	18.0			0.49	1.9		10.6	9.9	92		1.85	100		3.12	11.13	2.03
11.0	1303	1.0			0.45	1.5		10.4	9.8	90		1.11	62	4.0	0.32	11.33	0.00
11.0	1303	2.0			0.45	1.6		10.4	9.8	90		1.11	62		0.32	11.31	0.00
11.0	1303	3.0			0.46	1.6		10.4	9.8	90		1.10	61		0.37	11.19	0.00
11.0	1303	4.0			0.46	1.6		10.4	9.9	90		1.10	62		0.52	11.04	0.01
11.0	1303	5.0			0.46	1.6		10.5	9.9	90		1.08	61		0.93	11.04	0.34
11.0	1303	6.0			0.46	1.6		10.4	9.9	90		1.10	61		1.41	11.04	0.71
11.0	1303	7.0			0.47	1.7		10.4	9.9	91		1.20	67		2.36	10.99	1.45
11.0	1303	8.0			0.49	1.8		10.4	9.9	91		1.48	81		2.74	11.04	1.74
11.0	1303	9.0			0.49	1.9		10.4	9.8	91		1.88	102		2.92	11.03	1.88
11.0	1303	10.0			0.49	1.8		10.5	9.9	92		1.77	96		3.65	11.01	2.45
11.0	1303	11.0			0.50	2.0		10.4	9.8	93		1.73	94		6.22	11.28	4.41
11.0	1303	12.0			0.53	2.2		10.2	9.7	93		2.83	150		7.34	11.39	5.28
11.0	1303	13.0			0.56	2.4		10.1	9.7	93		3.60	190		7.79	11.43	5.62
11.0	1303	14.0			0.57	2.5		10.1	9.7	93		3.98	209		8.12	11.46	5.86
11.0	1303	15.0			0.56	2.5		10.1	9.7	94		3.93	207		8.31	11.48	6.01
11.0	1303	16.0			0.56	2.5		10.1	9.6	94		3.78	199		8.70	11.52	6.31
11.0	1303	17.0			0.57	2.5		10.0	9.6	94		3.73	196		8.93	11.54	6.48
11.0	1303	18.0			0.57	2.5		10.0	9.6	94		3.73	196		9.00	11.54	6.53
11.0	1303	19.0			0.57	2.5		10.0	9.6	94		3.79	200		9.06	11.55	6.59
13.0	1228	1.0			0.45	1.5		10.7	10.0	94		0.82	47	3.6	3.87	11.32	2.59
13.0	1228	2.0	1.3	0.46	0.44	1.5	10.0	10.6	10.0	94	45.3	0.79	46		3.89	11.30	2.61
13.0	1228	3.0			0.44	1.5		10.6	10.0	94		0.80	46		4.00	11.26	2.70
13.0	1228	4.0			0.44	1.5		10.8	10.1	95		0.80	46		5.23	11.30	3.65
13.0	1228	5.0			0.44	1.4		10.5	9.9	96		0.56	34		8.99	11.55	6.53
13.0	1228	6.0			0.44	1.4		10.4	9.8	97		0.47	29		10.47	11.66	7.66
13.0	1228	7.0			0.44	1.5		10.3	9.8	98		0.48	30		12.12	11.79	8.92
13.0	1228	8.0			0.46	1.6		10.2	9.7	98		0.73	43		13.01	11.87	9.59

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
13.0	1228	9.0			0.49	1.9		10.1	9.7	98		1.00	56		13.45	11.92	9.93
13.0	1228	10.0			0.51	2.0		10.1	9.7	98		1.17	65		13.58	11.93	10.02
13.0	1228	11.0			0.48	1.8		10.1	9.6	98		1.33	73		13.63	11.93	10.06
13.0	1228	12.0	2.0	0.32	0.47	1.7		9.9	9.5	94		1.61	87		9.86	11.94	7.15
14.0	1212	1.0			0.45	1.5		10.4	9.9	92		0.90	51	3.8	3.48	11.36	2.28
14.0	1212	2.0			0.45	1.5		10.4	9.8	92		0.89	51		3.53	11.32	2.33
14.0	1212	3.0			0.45	1.5		10.4	9.8	92		0.86	49		3.80	11.29	2.54
14.0	1212	4.0			0.44	1.4		10.5	9.9	93		0.77	45		4.39	11.24	3.00
14.0	1212	5.0			0.43	1.4		10.4	9.8	94		0.55	33		7.04	11.34	5.05
14.0	1212	6.0			0.44	1.4		10.3	9.8	95		0.49	30		9.24	11.54	6.73
14.0	1212	7.0			0.44	1.5		10.2	9.7	97		0.54	33		11.85	11.74	8.72
14.0	1212	8.0			0.47	1.7		10.0	9.6	97		0.64	38		13.94	11.92	10.30
14.0	1212	9.0			0.49	1.9		9.9	9.6	97		0.85	48		14.72	11.99	10.89
14.0	1212	10.0			0.51	2.0		9.9	9.5	97		1.06	59		15.20	12.05	11.26
14.0	1212	11.0			0.52	2.1		9.8	9.5	98		1.20	67		15.69	12.09	11.63
14.0	1212	12.0			0.54	2.2		9.8	9.5	98		1.08	60		16.02	12.13	11.88
14.0	1212	13.0			0.56	2.5		9.8	9.5	98		1.21	67		16.66	12.18	12.36
14.0	1212	14.0			0.63	3.0		9.7	9.4	98		1.34	74		17.14	12.22	12.72
14.0	1212	15.0			0.64	3.1		9.7	9.4	98		2.11	113		17.23	12.22	12.80
15.0	1153	1.0			0.41	1.2		10.6	10.0	94		0.58	35	2.7	4.88	11.42	3.36
15.0	1153	2.0	1.0	0.45	0.41	1.2	9.9	10.5	9.9	93		0.54	33		4.93	11.35	3.41
15.0	1153	3.0			0.41	1.2		10.5	9.9	94		0.52	32		5.82	11.17	4.12
15.0	1153	4.0			0.42	1.2		10.4	9.8	94		0.49	30		6.95	11.20	4.99
15.0	1153	5.0			0.42	1.3		10.4	9.8	94		0.56	34		7.16	11.17	5.16
15.0	1153	6.0			0.42	1.3		10.4	9.8	95		0.55	33		7.79	11.26	5.64
15.0	1153	7.0			0.42	1.3		10.4	9.8	95		0.50	31		8.38	11.35	6.09
15.0	1153	8.0			0.42	1.3		10.4	9.8	95		0.48	30		8.61	11.40	6.25
15.0	1153	9.0			0.42	1.3		10.4	9.8	95		0.47	29		8.88	11.47	6.45
15.0	1153	10.0			0.43	1.3		10.4	9.8	96		0.48	30		9.01	11.49	6.55
15.0	1153	11.0			0.44	1.5		10.5	9.9	97		0.54	33		9.90	11.57	7.23
15.0	1153	12.0			0.46	1.6		10.4	9.8	98		0.64	38		11.66	11.75	8.56
15.0	1153	13.0			0.50	1.9		10.2	9.7	98		0.91	52		13.47	11.93	9.94
15.0	1153	14.0			0.53	2.2		10.1	9.6	99		1.31	72		15.19	12.06	11.25
15.0	1153	15.0			0.55	2.4		10.0	9.6	99		1.55	84		15.96	12.10	11.84
15.0	1153	16.0			0.57	2.5		10.0	9.6	99		1.72	93		16.71	12.13	12.41
15.0	1153	17.0			0.58	2.6		9.9	9.5	99		2.13	114		17.10	12.15	12.71
15.0	1153	18.0			0.59	2.7		9.9	9.5	99		2.23	120		17.10	12.15	12.71
15.0	1153	19.0			0.60	2.8		9.9	9.5	99		2.23	119		17.16	12.15	12.75
15.0	1153	20.0			0.61	2.9		9.9	9.5	99		2.41	129		17.16	12.15	12.75
15.0	1153	21.0			0.61	2.9		9.8	9.5	99		2.57	137		17.15	12.15	12.74
15.0	1153	22.0			0.61	2.9		9.8	9.5	99		2.71	144		17.14	12.15	12.74

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
15.0	1153	23.0			0.61	2.9		9.8	9.5	99		2.75	146		17.14	12.15	12.74
15.0	1153	24.0	2.6	0.31	0.61	2.9		9.8	9.5	99		2.79	148		17.13	12.15	12.73
16.0	1128	1.0			0.44	1.4		10.1	9.6	92		0.60	36	3.1	4.20	11.78	2.79
16.0	1128	2.0			0.44	1.4		10.3	9.8	94		0.56	34		7.28	11.43	5.22
16.0	1128	3.0			0.44	1.5		10.1	9.7	96		0.52	32		10.77	11.70	7.89
16.0	1128	4.0			0.45	1.5		10.1	9.6	98		0.46	29		13.87	11.93	10.25
16.0	1128	5.0			0.48	1.7		9.7	9.4	99		0.37	24		18.43	12.27	13.72
16.0	1128	6.0			0.52	2.1		9.5	9.3	100		0.26	19		20.65	12.39	15.41
16.0	1128	7.0			0.53	2.2		9.5	9.3	100		0.33	22		20.99	12.41	15.67
16.0	1128	8.0			0.53	2.2		9.5	9.3	100		0.42	26		21.17	12.42	15.81
16.0	1128	9.0			0.54	2.3		9.5	9.3	100		0.47	29		21.27	12.43	15.88
16.0	1128	10.0			0.55	2.3		9.4	9.3	100		0.52	32		21.44	12.44	16.01
16.0	1128	11.0			0.56	2.4		9.4	9.3	100		0.59	35		21.55	12.45	16.10
16.0	1128	12.0			0.58	2.7		9.4	9.3	100		0.64	38		21.62	12.45	16.15
16.0	1128	13.0			0.59	2.7		9.4	9.2	99		0.77	44		21.67	12.45	16.19
17.0	1109	1.0			0.46	1.6		10.5	9.9	99		0.32	22	1.8	11.90	12.08	8.70
17.0	1109	2.0			0.49	1.9		9.6	9.4	101		0.23	17		22.16	12.53	16.55
17.0	1109	3.0			0.51	2.0		9.6	9.4	101		0.32	21		22.17	12.53	16.56
17.0	1109	4.0			0.52	2.1		9.6	9.4	102		0.40	26		22.55	12.55	16.85
17.0	1109	5.0			0.53	2.2		9.5	9.3	102		0.38	25		23.71	12.60	17.74
17.0	1109	6.0			0.54	2.3		9.5	9.3	102		0.37	24		23.97	12.61	17.94
17.0	1109	7.0			0.56	2.5		9.5	9.3	102		0.39	25		24.10	12.61	18.03
17.0	1109	8.0			0.59	2.7		9.5	9.3	102		0.41	26		24.39	12.62	18.26
17.0	1109	9.0			0.61	2.9		9.5	9.3	102		0.53	32		24.57	12.63	18.40
17.0	1109	10.0			0.62	2.9		9.5	9.3	102		0.64	38		24.69	12.64	18.49
17.0	1109	11.0			0.63	3.0		9.5	9.3	102		0.66	39		24.71	12.64	18.50
17.0	1109	12.0			0.63	3.1		9.5	9.3	102		0.68	40		24.73	12.64	18.52
17.0	1109	13.0			0.67	3.3		9.4	9.3	102		0.76	44		24.77	12.64	18.55
17.0	1109	14.0			0.67	3.4		9.4	9.3	102		0.88	50		24.83	12.64	18.60
18.0	1050	1.0			0.45	1.6		9.6	9.4	99		0.13	12	1.3	18.48	12.28	13.76
18.0	1050	2.0	1.9	0.60	0.46	1.6	9.3	9.6	9.4	99	12.0	0.14	12		18.62	12.27	13.86
18.0	1050	3.0			0.48	1.8		9.6	9.4	99		0.14	12		18.65	12.27	13.89
18.0	1050	4.0			0.48	1.8		9.6	9.4	99		0.14	12		18.65	12.27	13.89
18.0	1050	5.0			0.46	1.6		9.6	9.4	99		0.15	13		18.71	12.27	13.93
18.0	1050	6.0			0.47	1.7		9.6	9.4	99		0.14	12		18.77	12.28	13.98
18.0	1050	7.0			0.46	1.6		9.6	9.4	99		0.14	12		18.88	12.29	14.06
18.0	1050	8.0			0.45	1.5		9.6	9.4	99		0.14	12		19.02	12.30	14.16
18.0	1050	9.0			0.46	1.6		9.6	9.4	99		0.14	12		19.18	12.32	14.29
18.0	1050	10.0			0.47	1.7		9.6	9.4	99		0.14	12		19.45	12.35	14.49
18.0	1050	11.0			0.47	1.7		9.6	9.4	100		0.13	12		19.97	12.37	14.89

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STN	TIME	OEPTH	DISCR CHL a	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	1050	12.0			0.47	1.7		9.6	9.4	100		0.13	12		20.32	12.39	15.15
18.0	1050	13.0			0.48	1.8		9.6	9.4	100		0.13	12		20.80	12.42	15.52
18.0	1050	14.0			0.49	1.8		9.5	9.3	100		0.13	12		21.13	12.44	15.77
18.0	1050	15.0			0.50	1.9		9.6	9.3	100		0.13	12		21.43	12.47	16.00
18.0	1050	16.0			0.51	2.1		9.5	9.3	101		0.14	12		22.87	12.52	17.10
18.0	1050	17.0			0.54	2.3		9.4	9.3	101		0.14	12		23.75	12.55	17.77
18.0	1050	18.0			0.55	2.4		9.4	9.3	102		0.16	13		24.40	12.58	18.27
18.0	1050	19.0			0.57	2.5		9.4	9.2	102		0.17	14		25.44	12.62	19.07
18.0	1050	20.0			0.59	2.7		9.4	9.2	102		0.20	15		25.74	12.63	19.30
18.0	1050	21.0			0.60	2.7		9.3	9.2	102		0.23	17		25.78	12.63	19.33
18.0	1050	22.0			0.59	2.7		9.3	9.2	102		0.22	17		25.80	12.63	19.35
18.0	1050	23.0			0.60	2.8		9.3	9.2	102		0.23	17		25.84	12.63	19.38
18.0	1050	24.0			0.61	2.9		9.3	9.2	102		0.23	17		25.88	12.63	19.41
18.0	1050	25.0			0.59	2.7		9.3	9.2	102		0.27	19		25.95	12.64	19.46
18.0	1050	26.0			0.58	2.6		9.3	9.2	102		0.27	19		25.95	12.64	19.46
18.0	1050	27.0			0.59	2.7		9.3	9.2	102		0.27	19		25.94	12.64	19.46
18.0	1050	28.0			0.61	2.8		9.3	9.2	102		0.28	20		25.94	12.64	19.46
18.0	1050	29.0			0.62	2.9		9.3	9.2	102		0.28	19		25.95	12.64	19.46
18.0	1050	30.0			0.64	3.1		9.3	9.2	102		0.28	20		25.97	12.64	19.47
18.0	1050	31.0			0.64	3.1		9.3	9.2	102		0.29	20		25.99	12.64	19.49
18.0	1050	32.0			0.62	3.0		9.3	9.2	102		0.30	20		25.99	12.64	19.49
18.0	1050	33.0			0.61	2.9		9.3	9.2	102		0.30	20		25.98	12.64	19.49
18.0	1050	34.0			0.62	2.9		9.3	9.2	102		0.31	21		26.04	12.65	19.53
18.0	1050	35.0			0.62	3.0		9.3	9.2	102		0.32	22		26.06	12.65	19.54
18.0	1050	36.0			0.62	3.0		9.4	9.2	102		0.32	21		26.04	12.65	19.53
18.0	1050	37.0			0.63	3.0		9.4	9.2	102		0.31	21		26.03	12.65	19.52
18.0	1050	38.0			0.63	3.0		9.4	9.2	103		0.31	21		26.04	12.65	19.53
18.0	1050	39.0			0.63	3.0		9.4	9.2	103		0.32	21		26.05	12.65	19.53
18.0	1050	40.0			0.62	3.0		9.4	9.2	103		0.34	22		26.11	12.65	19.58
18.0	1050	41.0			0.64	3.1		9.4	9.2	103		0.34	22		26.16	12.66	19.62
18.0	1050	42.0			0.65	3.2		9.4	9.2	103		0.36	23		26.23	12.66	19.67
18.0	1050	43.0			0.66	3.2		9.4	9.2	103		0.38	25		26.26	12.66	19.69
18.0	1050	44.0			0.66	3.3		9.4	9.2	103		0.39	25		26.26	12.66	19.69
18.0	1050	45.0			0.65	3.2		9.4	9.2	103		0.39	25		26.26	12.66	19.70
20.0	1033	1.0			0.44	1.5		9.8	9.5	97		0.25	18	1.8	13.74	12.20	10.11
20.0	1033	2.0			0.45	1.6		9.6	9.4	97		0.18	14		15.77	12.26	11.67
20.0	1033	3.0			0.46	1.6		9.6	9.4	97		0.18	14		16.05	12.25	11.88
20.0	1033	4.0			0.45	1.5		9.5	9.3	97		0.18	14		16.26	12.27	12.04
20.0	1033	5.0			0.44	1.5		9.5	9.3	97		0.19	15		16.40	12.24	12.15
20.0	1033	6.0			0.43	1.4		9.5	9.3	97		0.19	15		16.91	12.24	12.55
20.0	1033	7.0			0.43	1.4		9.5	9.3	97		0.20	15		17.66	12.28	13.12
20.0	1033	8.0			0.44	1.5		9.5	9.3	98		0.22	16		18.06	12.31	13.43

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
20.0	1033	9.0			0.47	1.7		9.5	9.3	98		0.25	18		18.79	12.37	13.98
20.0	1033	10.0			0.49	1.9		9.4	9.3	98		0.36	23		19.72	12.41	14.69
20.0	1033	11.0			0.51	2.0		9.4	9.2	98		0.47	29		19.92	12.41	14.84
20.0	1033	12.0			0.52	2.1		9.4	9.2	98		0.62	37		20.09	12.42	14.97
20.0	1033	13.0			0.54	2.2		9.4	9.2	98		0.74	43		20.25	12.43	15.10
20.0	1033	14.0			0.55	2.4		9.4	9.2	98		0.81	46		20.37	12.43	15.19
20.0	1033	15.0			0.57	2.5		9.4	9.2	99		0.88	50		20.53	12.44	15.31
20.0	1033	16.0			0.57	2.5		9.4	9.2	99		0.94	53		20.80	12.44	15.52
20.0	1033	17.0			0.57	2.5		9.3	9.2	99		0.94	54		21.04	12.45	15.70
20.0	1033	18.0			0.57	2.5		9.4	9.2	99		0.89	51		21.44	12.47	16.01
20.0	1033	19.0			0.57	2.5		9.3	9.2	99		0.70	41		22.11	12.50	16.52
20.0	1033	20.0			0.56	2.5		9.3	9.2	99		0.63	37		22.16	12.50	16.56
20.0	1033	21.0			0.56	2.4		9.4	9.2	100		0.70	41		22.06	12.49	16.48
20.0	1033	22.0			0.57	2.5		9.4	9.2	100		0.62	37		22.88	12.55	17.10
20.0	1033	23.0			0.60	2.8		9.3	9.2	101		0.43	27		23.97	12.59	17.94
20.0	1033	24.0			0.63	3.0		9.3	9.2	101		0.40	25		24.88	12.64	18.64
20.0	1033	25.0			0.65	3.2		9.2	9.2	102		0.45	28		25.98	12.69	19.48
20.0	1033	26.0			0.66	3.3		9.2	9.1	102		0.47	29		26.14	12.69	19.60
20.0	1033	27.0			0.66	3.3		9.2	9.1	102		0.49	30		26.14	12.69	19.60

	n	r^2	Slope	Inter.	Std. Err.
Fluorometer Calibration:	15	0.736	8.319	-2.213	0.232
OBS Calibration:	5	0.983	51.282	5.099	3.582
Dissolved Oxygen Calibration:	8	0.885	0.579	3.811	0.097

SeaBird v4.026

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
36.0	0630	1.0			0.76	2.5		9.2	8.6	84		2.37	115		5.78	12.63	3.90
36.0	0630	2.0	1.9	0.36	0.77	2.5	8.2	9.2	8.6	84	126.3	2.64	127		6.37	12.65	4.35
36.0	0630	3.0			0.75	2.5		9.2	8.6	84		2.56	124		6.71	12.70	4.62
36.0	0630	4.0			0.73	2.5		9.2	8.5	84		2.36	114		6.90	12.70	4.76
36.0	0630	5.0			0.72	2.5		9.2	8.6	84		2.29	111		7.06	12.68	4.89
36.0	0630	6.0	2.0	0.24	0.72	2.5		9.2	8.5	84		2.15	105		7.13	12.70	4.94
34.0	0647	2.0			0.64	2.4		9.2	8.5	85		1.21	63		8.50	12.92	5.96
34.0	0647	3.0			0.64	2.4		9.1	8.4	85		1.28	66		8.76	12.93	6.16
34.0	0647	4.0			0.64	2.4		9.0	8.3	83		1.36	69		9.02	12.81	6.38
34.0	0647	5.0			0.63	2.4		9.1	8.4	84		1.32	67		9.42	12.56	6.72
34.0	0647	6.0			0.62	2.4		9.1	8.4	84		1.30	67		9.72	12.49	6.97
34.0	0647	7.0			0.62	2.4		9.1	8.4	84		1.36	69		10.57	12.49	7.62
32.0	0709	1.0			0.57	2.4		9.5	8.8	89		0.51	31	2.8	10.58	12.82	7.58
32.0	0709	2.0	1.7	0.52	0.57	2.4	8.8	9.5	8.8	89	33.6	0.49	30		11.06	12.94	7.93
32.0	0709	3.0			0.57	2.4		9.5	8.8	90		0.50	30		11.41	12.99	8.19
32.0	0709	4.0			0.57	2.4		9.5	8.8	91		0.53	32		11.74	13.06	8.43
32.0	0709	5.0			0.58	2.4		9.4	8.8	90		0.55	33		11.93	13.11	8.57
32.0	0709	6.0			0.58	2.4		9.5	8.8	90		0.60	35		11.99	13.07	8.63
32.0	0709	7.0			0.59	2.4		9.5	8.8	91		0.72	41		12.14	13.08	8.74
32.0	0709	8.0			0.60	2.4		9.6	8.9	92		0.80	44		12.29	13.11	8.85
32.0	0709	9.0			0.60	2.4		9.6	8.9	92		0.83	46		12.55	13.25	9.03
32.0	0709	10.0			0.60	2.4		9.6	8.9	92		0.83	46		12.83	13.33	9.23
32.0	0709	11.0			0.60	2.4		9.5	8.8	92		0.78	43		12.96	13.37	9.33
32.0	0709	12.0	2.1	0.45	0.60	2.4		9.4	8.8	91		0.69	39		13.19	13.42	9.49
30.0	0736	1.0			0.64	2.4		9.9	9.3	96		0.29	21	2.3	13.18	13.02	9.55
30.0	0736	2.0	3.0	0.70	0.62	2.4	9.0	9.7	9.1	95	23.3	0.29	21		13.99	13.38	10.11
30.0	0736	3.0			0.60	2.4		9.7	9.1	96		0.31	22		14.24	13.40	10.30
30.0	0736	4.0			0.60	2.4		9.7	9.1	95		0.33	23		14.39	13.41	10.42
30.0	0736	5.0			0.60	2.4		9.7	9.1	95		0.32	23		14.44	13.40	10.46
30.0	0736	6.0			0.60	2.4		9.7	9.1	95		0.31	22		14.47	13.40	10.48
30.0	0736	7.0			0.60	2.4		9.7	9.1	95		0.30	22		14.49	13.40	10.50
30.0	0736	8.0			0.61	2.4		9.7	9.1	95		0.31	22		14.53	13.36	10.53
30.0	0736	9.0			0.62	2.4		9.7	9.0	95		0.34	23		14.53	13.34	10.54
30.0	0736	10.0			0.62	2.4		9.6	9.0	94		0.36	24		14.55	13.31	10.56
30.0	0736	11.0			0.64	2.4		9.7	9.0	95		0.41	27		14.62	13.22	10.63
30.0	0736	12.0	3.5	0.62	0.64	2.4		9.7	9.0	95		0.74	41		14.64	13.22	10.64
29.0	0800	1.0			0.65	2.4		9.8	9.2	96		0.14	14	1.4	14.98	13.06	10.93
29.0	0800	2.0			0.65	2.4		9.8	9.2	96		0.12	14		14.98	13.06	10.93
29.0	0800	3.0			0.63	2.4		9.8	9.2	96		0.12	13		14.98	13.06	10.93

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
29.0	0800	4.0			0.61	2.4		9.8	9.2	96		0.12	14		14.99	13.07	10.93
29.0	0800	5.0			0.61	2.4		9.8	9.2	96		0.13	14		14.99	13.07	10.93
29.0	0800	6.0			0.61	2.4		9.8	9.2	96		0.14	14		14.99	13.08	10.94
29.0	0800	7.0			0.60	2.4		9.8	9.2	96		0.14	15		14.99	13.07	10.94
29.0	0800	8.0			0.60	2.4		9.8	9.2	96		0.14	14		14.99	13.09	10.94
29.0	0800	9.0			0.60	2.4		9.8	9.2	96		0.15	15		14.99	13.10	10.94
29.0	0800	10.0			0.61	2.4		9.8	9.2	96		0.16	15		15.00	13.10	10.94
29.0	0800	11.0			0.61	2.4		9.8	9.2	97		0.17	16		15.00	13.11	10.94
29.0	0800	12.0			0.61	2.4		9.8	9.2	97		0.17	16		15.00	13.11	10.94
29.0	0800	13.0			0.61	2.4		9.8	9.2	96		0.18	16		15.01	13.11	10.94
29.0	0800	14.0			0.61	2.4		9.8	9.2	96		0.19	16		15.01	13.12	10.94
29.0	0800	15.0			0.61	2.4		9.9	9.2	97		0.24	19		15.01	13.12	10.94
27.0	0829	1.0			0.58	2.4		9.9	9.2	96		0.09	12	1.2	15.10	12.93	11.05
27.0	0829	2.0	2.8	0.66	0.57	2.4	9.3	9.9	9.2	96	9.4	0.08	12		15.10	12.91	11.05
27.0	0829	3.0			0.54	2.4		9.8	9.2	96		0.09	12		15.11	12.90	11.05
27.0	0829	4.0			0.53	2.4		9.8	9.2	96		0.10	13		15.11	12.90	11.05
27.0	0829	5.0			0.53	2.4		9.8	9.2	96		0.10	13		15.11	12.90	11.05
27.0	0829	6.0			0.52	2.4		9.9	9.2	96		0.11	13		15.11	12.89	11.06
27.0	0829	7.0			0.52	2.4		9.8	9.2	96		0.11	13		15.11	12.89	11.06
27.0	0829	8.0			0.51	2.3		9.8	9.2	96		0.11	13		15.11	12.89	11.06
27.0	0829	9.0			0.51	2.3		9.8	9.2	96		0.11	13		15.11	12.89	11.06
27.0	0829	10.0			0.51	2.3		9.8	9.2	96		0.13	14		15.11	12.89	11.06
27.0	0829	11.0			0.52	2.4		9.8	9.2	96		0.14	15		15.11	12.90	11.06
27.0	0829	12.0			0.52	2.4		9.8	9.2	96		0.18	16		15.11	12.90	11.06
27.0	0829	13.0	2.7	0.58	0.52	2.4		9.8	9.2	96		0.19	17		15.11	12.90	11.06
25.0	0856	1.0			0.46	2.3		9.5	8.9	92		0.28	21	1.9	15.23	12.47	11.21
25.0	0856	2.0			0.46	2.3		9.5	8.8	91		0.29	21		15.22	12.47	11.21
25.0	0856	3.0			0.45	2.3		9.5	8.9	92		0.32	22		15.23	12.46	11.21
25.0	0856	4.0			0.45	2.3		9.5	8.9	91		0.37	25		15.23	12.45	11.21
25.0	0856	5.0			0.46	2.3		9.5	8.9	92		0.39	26		15.23	12.45	11.22
25.0	0856	6.0			0.47	2.3		9.5	8.9	92		0.43	28		15.22	12.45	11.21
25.0	0856	7.0			0.47	2.3		9.5	8.9	92		0.49	30		15.22	12.45	11.21
25.0	0856	8.0			0.47	2.3		9.5	8.9	92		0.49	30		15.22	12.45	11.22
25.0	0856	9.0			0.47	2.3		9.5	8.9	92		0.51	31		15.22	12.45	11.22
24.0	0915	1.0			0.46	2.3		9.4	8.7	90		0.16	15	1.4	15.48	12.30	11.44
24.0	0915	2.0	2.2	0.70	0.46	2.3	9.5	9.5	8.9	91	11.5	0.17	16		15.56	12.31	11.50
24.0	0915	3.0			0.46	2.3		9.6	9.0	93		0.19	17		15.59	12.31	11.51
24.0	0915	4.0			0.46	2.3		9.7	9.0	93		0.21	18		15.65	12.32	11.56
24.0	0915	5.0			0.46	2.3		9.7	9.0	93		0.25	19		15.68	12.32	11.59
24.0	0915	6.0			0.45	2.3		9.7	9.0	93		0.27	20		15.69	12.32	11.59

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
24.0	0915	7.0			0.46	2.3		9.7	9.0	93		0.29	21		15.69	12.32	11.59
24.0	0915	8.0			0.46	2.3		9.7	9.1	94		0.29	21		15.69	12.32	11.60
24.0	0915	9.0			0.46	2.3		9.7	9.1	94		0.31	22		15.70	12.32	11.60
24.0	0915	10.0	2.0	0.52	0.46	2.3		9.7	9.1	94		0.32	22		15.70	12.32	11.60
22.0	0951	1.0			0.44	2.3		9.2	8.5	85		0.31	22	2.4	11.95	11.82	8.78
22.0	0951	2.0			0.45	2.3		9.3	8.6	86		0.36	24		12.19	11.77	8.97
22.0	0951	3.0			0.45	2.3		9.4	8.8	88		0.39	26		12.54	11.78	9.24
22.0	0951	4.0			0.43	2.3		9.4	8.8	88		0.34	23		12.91	11.81	9.53
22.0	0951	5.0			0.43	2.3		9.5	8.8	89		0.34	23		13.38	11.88	9.88
22.0	0951	6.0			0.43	2.3		9.5	8.8	90		0.33	23		14.28	12.03	10.55
22.0	0951	7.0			0.44	2.3		9.4	8.7	90		0.30	22		15.29	12.17	11.31
22.0	0951	8.0			0.45	2.3		9.4	8.7	90		0.27	20		15.58	12.20	11.53
22.0	0951	9.0			0.46	2.3		9.4	8.8	90		0.27	20		15.85	12.23	11.73
22.0	0951	10.0			0.46	2.3		9.4	8.7	90		0.27	20		16.29	12.31	12.06
22.0	0951	11.0			0.47	2.3		9.3	8.7	90		0.24	19		16.52	12.32	12.24
22.0	0951	12.0			0.48	2.3		9.3	8.7	90		0.23	18		16.82	12.35	12.46
22.0	0951	13.0			0.49	2.3		9.3	8.6	90		0.31	22		17.15	12.36	12.72
22.0	0951	14.0			0.51	2.3		9.3	8.6	90		0.59	35		17.37	12.37	12.88
22.0	0951	15.0			0.54	2.4		9.3	8.6	90		0.77	43		17.55	12.38	13.02
22.0	0951	16.0			0.55	2.4		9.3	8.6	90		1.13	59		17.67	12.39	13.11
22.0	0951	17.0			0.57	2.4		9.3	8.6	90		1.46	74		17.71	12.40	13.14
22.0	0951	18.0			0.60	2.4		9.3	8.6	90		1.73	86		17.72	12.40	13.15
22.0	0951	19.0			0.62	2.4		9.3	8.6	90		1.98	97		17.72	12.40	13.15
22.0	0951	20.0			0.62	2.4		9.3	8.6	90		2.26	110		17.72	12.40	13.15
21.0	1009	1.0			0.46	2.3		10.1	9.4	95		0.35	24	2.1	13.21	11.97	9.73
21.0	1009	2.0	1.7	0.52	0.46	2.3	9.2	10.0	9.4	96	25.4	0.35	24		13.73	12.00	10.13
21.0	1009	3.0			0.46	2.3		10.1	9.5	96		0.33	23		14.11	12.05	10.41
21.0	1009	4.0			0.45	2.3		10.0	9.4	96		0.28	21		14.64	12.13	10.81
21.0	1009	5.0			0.45	2.3		9.9	9.3	96		0.23	18		15.13	12.19	11.18
21.0	1009	6.0			0.45	2.3		9.9	9.3	96		0.20	17		15.57	12.23	11.52
21.0	1009	7.0			0.45	2.3		9.9	9.3	95		0.19	16		15.78	12.24	11.68
21.0	1009	8.0			0.45	2.3		9.9	9.3	96		0.19	17		15.73	12.24	11.64
21.0	1009	9.0			0.45	2.3		9.8	9.2	95		0.20	17		16.12	12.27	11.94
21.0	1009	10.0			0.45	2.3		9.8	9.1	94		0.23	18		16.29	12.28	12.06
21.0	1009	11.0			0.46	2.3		9.8	9.2	95		0.25	19		16.48	12.22	12.22
21.0	1009	12.0			0.46	2.3		9.8	9.2	95		0.26	20		17.18	12.26	12.75
21.0	1009	13.0			0.49	2.3		9.7	9.1	95		0.31	22		18.05	12.31	13.42
21.0	1009	14.0			0.53	2.4		9.6	9.0	95		0.74	42		18.98	12.36	14.12
21.0	1009	15.0			0.56	2.4		9.6	9.0	95		0.93	50		19.07	12.37	14.19
21.0	1009	16.0			0.56	2.4		9.7	9.0	95		1.03	54		19.07	12.37	14.19
21.0	1009	17.0			0.58	2.4		9.6	9.0	95		1.06	56		19.10	12.38	14.22

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
21.0	1009	18.0	3.3	0.35	0.58	2.4		9.6	9.0	95		1.14	59		19.13	12.38	14.24

	n	r^2	Slope	Inter.	Std. Err.
Fluorometer Calibration:	12	0.011	0.680	2.001	0.657
OBS Calibration:	6	0.995	45.059	8.067	3.309
Dissolved Oxygen Calibration:	6	0.447	1.097	-1.582	0.401

SeaBird v4.026

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
36.0	0823	1.0			0.48	1.8		9.1	8.8	91		0.20	11	1.4	9.58	14.22	6.59
36.0	0823	2.0	1.1	0.68	0.46	1.6	8.7	9.0	8.8	92	10.7	0.19	10		11.55	14.29	8.09
36.0	0823	3.0			0.44	1.3		9.0	8.7	92		0.19	10		11.98	14.31	8.42
36.0	0823	4.0			0.43	1.1		9.0	8.7	92		0.18	10		12.08	14.30	8.50
36.0	0823	5.0			0.42	1.1		9.0	8.7	92		0.19	10		12.15	14.30	8.55
36.0	0823	6.0			0.42	1.1		9.0	8.7	92		0.19	10		12.19	14.31	8.58
36.0	0823	7.0			0.42	1.1		9.0	8.7	92		0.19	10		12.23	14.31	8.61
36.0	0823	8.0			0.42	1.1		9.0	8.8	92		0.19	10		12.28	14.32	8.65
36.0	0823	9.0	0.6	0.43	0.42	1.0		9.0	8.7	92		0.21	11		12.31	14.33	8.67
35.0	0835	1.0			0.51	2.1		9.2	8.9	92		0.15	9	2.0	10.08	14.10	6.99
35.0	0835	2.0			0.48	1.8		9.2	8.9	93		0.14	9		11.09	14.19	7.76
35.0	0835	3.0			0.45	1.4		9.1	8.8	93		0.14	8		12.02	14.34	8.45
35.0	0835	4.0			0.44	1.3		9.1	8.8	93		0.14	9		12.27	14.34	8.63
35.0	0835	5.0			0.42	1.1		9.1	8.8	93		0.16	9		12.48	14.33	8.80
35.0	0835	6.0			0.41	1.0		9.1	8.8	93		0.18	10		12.62	14.33	8.90
35.0	0835	7.0			0.41	1.0		9.1	8.8	93		0.21	11		12.71	14.33	8.97
35.0	0835	8.0			0.41	1.0		9.1	8.8	93		0.20	10		12.74	14.33	9.00
35.0	0835	9.0			0.41	1.0		9.1	8.8	93		0.19	10		12.76	14.33	9.02
34.0	0844	1.0			0.56	2.6		9.4	9.2	96		0.10	7	1.4	10.70	14.23	7.45
34.0	0844	2.0			0.53	2.3		9.3	9.1	95		0.11	8		11.67	14.29	8.18
34.0	0844	3.0			0.46	1.6		9.2	9.0	95		0.11	8		12.57	14.36	8.86
34.0	0844	4.0			0.43	1.2		9.2	8.9	94		0.11	8		12.87	14.34	9.10
34.0	0844	5.0			0.41	1.0		9.2	8.9	94		0.14	9		12.95	14.33	9.16
34.0	0844	6.0			0.40	0.9		9.2	8.9	94		0.18	10		13.04	14.33	9.23
34.0	0844	7.0			0.40	0.8		9.2	8.9	94		0.18	10		13.14	14.32	9.30
34.0	0844	8.0			0.40	0.8		9.1	8.9	94		0.17	9		13.16	14.32	9.32
33.0	0859	1.0			0.61	3.1		9.3	9.1	95		0.10	7	1.3	11.20	14.33	7.82
33.0	0859	2.0			0.57	2.7		9.3	9.1	95		0.08	7		11.95	14.31	8.39
33.0	0859	3.0			0.50	2.0		9.3	9.0	95		0.07	7		12.47	14.33	8.79
33.0	0859	4.0			0.45	1.4		9.2	8.9	95		0.08	7		13.16	14.32	9.33
33.0	0859	5.0			0.43	1.2		9.2	8.9	95		0.10	7		13.41	14.30	9.52
33.0	0859	6.0			0.42	1.1		9.2	8.9	95		0.11	8		13.52	14.27	9.60
33.0	0859	7.0			0.42	1.1		9.2	8.9	95		0.12	8		13.57	14.26	9.65
33.0	0859	8.0			0.42	1.0		9.2	9.0	95		0.13	8		13.59	14.26	9.66
33.0	0859	9.0			0.41	1.0		9.2	9.0	95		0.13	8		13.60	14.25	9.67
33.0	0859	10.0			0.42	1.0		9.3	9.0	95		0.13	8		13.63	14.25	9.69
33.0	0859	11.0			0.43	1.1		9.3	9.0	95		0.12	8		13.65	14.24	9.71
33.0	0859	12.0			0.43	1.1		9.3	9.0	96		0.12	8		13.67	14.24	9.73
33.0	0859	13.0			0.42	1.1		9.3	9.0	96		0.11	8		13.72	14.23	9.77

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
32.0	0908	1.0			0.50	1.9		9.4	9.1	97		0.06	6	1.0	12.80	14.35	9.04
32.0	0908	2.0	1.5	0.64	0.49	1.8	9.0	9.4	9.1	96	5.4	0.05	6		13.02	14.34	9.21
32.0	0908	3.0			0.48	1.7		9.3	9.1	96		0.05	6		13.42	14.29	9.52
32.0	0908	4.0			0.47	1.6		9.3	9.1	96		0.05	6		13.53	14.27	9.62
32.0	0908	5.0			0.45	1.4		9.3	9.1	96		0.04	6		13.62	14.25	9.69
32.0	0908	6.0			0.44	1.3		9.3	9.0	96		0.05	6		13.69	14.23	9.75
32.0	0908	7.0			0.44	1.3		9.3	9.1	96		0.05	6		13.78	14.22	9.81
32.0	0908	8.0			0.43	1.2		9.4	9.1	97		0.05	6		13.86	14.21	9.88
32.0	0908	9.0			0.43	1.2		9.4	9.1	97		0.04	6		13.87	14.21	9.89
32.0	0908	10.0			0.43	1.1		9.4	9.1	97		0.04	6		13.89	14.21	9.90
32.0	0908	11.0			0.42	1.0		9.4	9.1	97		0.04	6		13.92	14.19	9.93
32.0	0908	12.0			0.42	1.0		9.4	9.1	97		0.04	6		13.94	14.19	9.95
32.0	0908	13.0			0.41	1.0		9.3	9.1	96		0.05	6		13.94	14.19	9.95
32.0	0908	14.0	1.3	0.28	0.41	1.0		9.4	9.1	97		0.06	6		13.95	14.19	9.95
31.0	0920	1.0			0.63	3.4		9.4	9.1	97		0.05	6	0.9	12.40	14.35	8.73
31.0	0920	2.0			0.61	3.1		9.4	9.2	97		0.04	6		13.07	14.33	9.25
31.0	0920	3.0			0.56	2.5		9.4	9.1	97		0.04	5		13.45	14.31	9.54
31.0	0920	4.0			0.53	2.3		9.4	9.2	98		0.03	5		13.73	14.28	9.77
31.0	0920	5.0			0.52	2.1		9.4	9.2	98		0.02	5		13.89	14.28	9.89
31.0	0920	6.0			0.50	2.0		9.4	9.2	98		0.03	5		13.97	14.28	9.95
31.0	0920	7.0			0.49	1.8		9.4	9.2	98		0.03	5		14.01	14.27	9.99
31.0	0920	8.0			0.48	1.7		9.4	9.2	98		0.03	5		14.05	14.26	10.02
31.0	0920	9.0			0.48	1.7		9.4	9.2	98		0.03	5		14.06	14.26	10.02
31.0	0920	10.0			0.47	1.7		9.4	9.2	98		0.04	5		14.06	14.26	10.03
31.0	0920	11.0			0.47	1.6		9.5	9.2	98		0.04	5		14.06	14.26	10.03
31.0	0920	12.0			0.47	1.6		9.5	9.2	98		0.04	6		14.07	14.26	10.03
31.0	0920	13.0			0.47	1.6		9.5	9.2	98		0.04	6		14.07	14.26	10.03
31.0	0920	14.0			0.47	1.6		9.4	9.2	98		0.04	6		14.07	14.26	10.03
31.0	0920	15.0			0.47	1.6		9.5	9.2	98		0.05	6		14.07	14.26	10.03
30.0	0938	1.0			1.57	13.6		10.7	10.6	112		0.05	6	1.1	12.98	14.21	9.20
30.0	0938	2.0	10.3	0.84	1.19	9.5	10.0	10.4	10.2	108		0.02	5		13.37	14.27	9.49
30.0	0938	3.0			0.90	6.3		10.3	10.1	107		0.02	5		13.48	14.21	9.58
30.0	0938	4.0			0.72	4.4		10.2	9.9	106		0.02	5		13.84	14.28	9.85
30.0	0938	5.0			0.65	3.6		10.0	9.8	105		0.02	5		14.18	14.29	10.11
30.0	0938	6.0			0.61	3.1		10.0	9.7	104		0.02	5		14.24	14.26	10.16
30.0	0938	7.0			0.57	2.7		9.9	9.7	104		0.02	5		14.26	14.26	10.18
30.0	0938	8.0			0.56	2.6		9.9	9.7	103		0.02	5		14.28	14.26	10.19
30.0	0938	9.0			0.55	2.5		9.9	9.6	103		0.03	5		14.29	14.26	10.20
30.0	0938	10.0			0.54	2.4		9.9	9.6	103		0.03	5		14.29	14.26	10.20
30.0	0938	11.0			0.53	2.3		9.8	9.6	103		0.03	5		14.30	14.26	10.21
30.0	0938	12.0			0.53	2.2		9.8	9.6	102		0.03	5		14.30	14.26	10.21

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30.0	0938	13.0			0.53	2.2		9.8	9.6	102		0.03	5		14.30	14.26	10.21
30.0	0938	14.0	2.5	0.67	0.53	2.3		9.8	9.6	102		0.04	6		14.31	14.25	10.21
29.5	0952	1.0			0.86	5.9		9.7	9.5	102		0.02	5	1.1	14.06	14.41	10.00
29.5	0952	2.0			0.92	6.6		9.8	9.6	102		0.02	5		14.11	14.28	10.06
29.5	0952	3.0			0.90	6.3		9.8	9.6	102		0.02	5		14.15	14.27	10.09
29.5	0952	4.0			0.83	5.6		9.8	9.6	103		0.02	5		14.26	14.32	10.16
29.5	0952	5.0			0.75	4.7		9.8	9.6	102		0.02	5		14.34	14.34	10.22
29.5	0952	6.0			0.70	4.1		9.7	9.5	102		0.03	5		14.38	14.35	10.26
29.5	0952	7.0			0.68	3.9		9.7	9.5	101		0.03	5		14.41	14.34	10.27
29.5	0952	8.0			0.66	3.6		9.7	9.5	101		0.03	5		14.41	14.33	10.28
29.5	0952	9.0			0.64	3.5		9.7	9.5	101		0.04	6		14.42	14.33	10.28
29.5	0952	10.0			0.64	3.5		9.7	9.5	101		0.04	6		14.42	14.34	10.29
29.5	0952	11.0			0.64	3.5		9.7	9.5	101		0.04	6		14.43	14.34	10.29
29.5	0952	12.0			0.63	3.4		9.7	9.5	101		0.04	6		14.46	14.33	10.32
29.5	0952	13.0			0.63	3.3		9.7	9.4	101		0.05	6		14.47	14.32	10.33
29.5	0952	14.0			0.65	3.5		9.7	9.4	101		0.06	6		14.48	14.31	10.34
29.5	0952	15.0			0.65	3.6		9.7	9.4	101		0.07	6		14.49	14.30	10.35
29.0	1007	1.0			0.84	5.6		9.9	9.7	104		0.03	5	1.0	14.41	14.45	10.26
29.0	1007	2.0			0.81	5.3		9.9	9.6	103		0.03	5		14.42	14.34	10.29
29.0	1007	3.0			0.75	4.7		9.8	9.6	102		0.03	5		14.44	14.31	10.31
29.0	1007	4.0			0.70	4.1		9.8	9.5	102		0.03	5		14.46	14.28	10.32
29.0	1007	5.0			0.66	3.7		9.8	9.5	102		0.04	5		14.48	14.23	10.35
29.0	1007	6.0			0.64	3.5		9.8	9.5	102		0.04	6		14.51	14.18	10.39
29.0	1007	7.0			0.64	3.4		9.8	9.5	102		0.04	6		14.54	14.17	10.41
29.0	1007	8.0			0.63	3.3		9.8	9.5	102		0.04	6		14.54	14.17	10.40
29.0	1007	9.0			0.63	3.3		9.8	9.5	102		0.04	6		14.54	14.17	10.41
29.0	1007	10.0			0.62	3.2		9.8	9.5	102		0.04	6		14.55	14.17	10.41
29.0	1007	11.0			0.60	3.1		9.8	9.5	102		0.05	6		14.56	14.17	10.42
29.0	1007	12.0			0.60	3.0		9.7	9.5	101		0.05	6		14.59	14.16	10.44
29.0	1007	13.0			0.60	3.0		9.7	9.5	101		0.05	6		14.60	14.16	10.45
29.0	1007	14.0			0.61	3.1		9.7	9.5	101		0.06	6		14.60	14.16	10.45
29.0	1007	15.0			0.60	3.1		9.7	9.5	101		0.07	6		14.60	14.16	10.46
27.0	1035	1.0			0.70	4.2		9.8	9.5	102		0.06	6	1.2	14.65	13.94	10.53
27.0	1035	2.0	5.7	0.77	0.72	4.3	9.7	9.8	9.6	102	5.5	0.06	6		14.60	13.95	10.49
27.0	1035	3.0			0.72	4.3		9.8	9.6	102		0.06	6		14.64	13.95	10.52
27.0	1035	4.0			0.71	4.2		9.8	9.6	102		0.05	6		14.65	13.94	10.53
27.0	1035	5.0			0.69	4.0		9.8	9.6	102		0.06	6		14.64	13.96	10.52
27.0	1035	6.0			0.65	3.6		9.8	9.5	102		0.06	6		14.68	13.96	10.55
27.0	1035	7.0			0.64	3.5		9.7	9.5	101		0.07	6		14.73	13.97	10.59
27.0	1035	8.0			0.65	3.6		9.7	9.5	101		0.08	7		14.74	13.97	10.59

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
27.0	1035	9.0			0.64	3.5		9.7	9.5	101		0.12	8		14.74	13.97	10.60
27.0	1035	10.0			0.65	3.5		9.7	9.5	101		0.16	9		14.74	13.97	10.60
27.0	1035	11.0			0.67	3.8		9.7	9.5	101		0.18	10		14.74	13.97	10.60
27.0	1035	12.0	3.8	0.78	0.67	3.8		9.7	9.5	101		0.20	11		14.74	13.97	10.60
26.0	1048	1.0			0.71	4.3		9.7	9.4	100		0.01	5	1.1	14.37	13.79	10.34
26.0	1048	2.0			0.77	4.9		9.9	9.6	101		0.02	5		14.49	13.49	10.49
26.0	1048	3.0			0.76	4.8		9.8	9.6	101		0.02	5		14.62	13.54	10.58
26.0	1048	4.0			0.74	4.5		9.9	9.6	102		0.03	5		14.69	13.61	10.62
26.0	1048	5.0			0.73	4.5		9.9	9.7	102		0.06	6		14.75	13.68	10.65
26.0	1048	6.0			0.73	4.4		9.8	9.6	102		0.12	8		14.80	13.74	10.68
26.0	1048	7.0			0.72	4.3		9.8	9.6	102		0.16	9		14.81	13.75	10.68
26.0	1048	8.0			0.72	4.3		9.8	9.6	102		0.17	10		14.81	13.75	10.68
26.0	1048	9.0			0.72	4.3		9.8	9.6	102		0.17	10		14.80	13.75	10.68
26.0	1048	10.0			0.72	4.3		9.8	9.6	102		0.18	10		14.81	13.75	10.69
26.0	1048	11.0			0.71	4.3		9.8	9.6	102		0.27	13		14.82	13.76	10.69
25.0	1103	1.0			0.97	7.1		10.1	9.9	105		0.04	6	1.1	14.69	13.73	10.59
25.0	1103	2.0			0.96	7.0		10.1	9.9	105		0.04	6		14.85	13.77	10.71
25.0	1103	3.0			0.88	6.1		10.0	9.7	103		0.07	7		15.01	13.81	10.83
25.0	1103	4.0			0.81	5.3		9.9	9.7	103		0.15	9		15.05	13.82	10.86
25.0	1103	5.0			0.76	4.8		9.9	9.6	102		0.22	11		15.10	13.83	10.90
25.0	1103	6.0			0.73	4.4		9.8	9.6	102		0.31	14		15.16	13.82	10.94
25.0	1103	7.0			0.70	4.2		9.8	9.5	101		0.42	17		15.22	13.81	10.99
25.0	1103	8.0			0.71	4.2		9.7	9.5	101		0.44	18		15.23	13.81	11.00
25.0	1103	9.0			0.72	4.3		9.8	9.5	101		0.52	20		15.25	13.81	11.01
24.0	1119	1.0			0.66	3.7		10.0	9.8	105		0.01	5	0.8	14.05	14.63	9.95
24.0	1119	2.0	2.7	0.84	0.67	3.8	9.7	9.8	9.5	102	6.5	0.01	5		14.57	14.47	10.38
24.0	1119	3.0			0.69	4.0		9.7	9.4	101		0.02	5		15.07	14.14	10.82
24.0	1119	4.0			0.69	4.1		9.6	9.4	100		0.03	5		15.28	13.88	11.03
24.0	1119	5.0			0.67	3.8		9.6	9.3	99		0.05	6		15.47	13.72	11.20
24.0	1119	6.0			0.63	3.4		9.5	9.3	98		0.06	6		15.68	13.63	11.38
24.0	1119	7.0			0.59	2.9		9.5	9.2	98		0.10	7		16.29	13.51	11.86
24.0	1119	8.0			0.55	2.5		9.4	9.1	97		0.13	8		16.55	13.47	12.07
24.0	1119	9.0			0.52	2.2		9.4	9.1	97		0.16	9		16.73	13.44	12.21
24.0	1119	10.0			0.50	1.9		9.4	9.1	97		0.17	10		16.77	13.43	12.24
24.0	1119	11.0	2.1	0.61	0.50	2.0		9.5	9.2	98		0.19	10		16.85	13.42	12.31
23.0	1131	1.0			0.58	2.8		9.5	9.2	98		0.03	5	0.9	13.48	14.33	9.57
23.0	1131	2.0			0.62	3.3		9.8	9.5	100		0.03	5		13.55	13.72	9.72
23.0	1131	3.0			0.72	4.4		10.1	9.9	104		0.03	5		13.69	13.46	9.87
23.0	1131	4.0			0.81	5.3		10.3	10.1	107		0.04	6		14.06	13.62	10.13

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
23.0	1131	5.0			0.85	5.8		10.5	10.3	109		0.04	6		14.24	13.84	10.23
23.0	1131	6.0			0.86	5.9		10.4	10.2	108		0.04	5		14.36	14.10	10.28
23.0	1131	7.0			0.84	5.6		10.0	9.8	105		0.03	5		14.60	14.25	10.44
23.0	1131	8.0			0.74	4.6		9.8	9.6	102		0.02	5		15.02	13.99	10.80
23.0	1131	9.0			0.63	3.3		9.6	9.4	99		0.03	5		15.67	13.66	11.36
23.0	1131	10.0			0.55	2.5		9.4	9.2	98		0.06	6		16.41	13.50	11.96
23.0	1131	11.0			0.50	2.0		9.4	9.1	97		0.13	8		16.93	13.42	12.37
23.0	1131	12.0			0.47	1.6		9.3	9.0	96		0.18	10		17.42	13.37	12.75
23.0	1131	13.0			0.46	1.5		9.2	9.0	96		0.25	12		18.25	13.30	13.41
23.0	1131	14.0			0.45	1.4		9.2	9.0	96		0.36	15		18.88	13.26	13.90
23.0	1131	15.0			0.44	1.3		9.3	9.0	97		0.48	19		19.08	13.27	14.05
22.0	1149	1.0			0.69	4.1		9.9	9.7	102		0.03	5	1.1	14.10	13.73	10.15
22.0	1149	2.0			0.71	4.3		10.0	9.8	103		0.03	5		14.20	13.55	10.26
22.0	1149	3.0			0.75	4.7		10.0	9.8	102		0.03	5		14.26	13.51	10.30
22.0	1149	4.0			0.76	4.8		9.9	9.7	102		0.03	5		14.33	13.46	10.36
22.0	1149	5.0			0.75	4.7		10.0	9.7	102		0.03	5		14.48	13.41	10.49
22.0	1149	6.0			0.74	4.6		10.0	9.8	103		0.04	5		14.71	13.40	10.67
22.0	1149	7.0			0.72	4.3		10.0	9.8	103		0.04	6		14.87	13.42	10.79
22.0	1149	8.0			0.67	3.8		9.8	9.6	101		0.04	6		15.27	13.48	11.08
22.0	1149	9.0			0.58	2.8		9.5	9.3	98		0.04	6		16.50	13.44	12.04
22.0	1149	10.0			0.49	1.9		9.4	9.1	98		0.06	6		17.82	13.30	13.08
22.0	1149	11.0			0.46	1.5		9.3	9.0	97		0.09	7		18.32	13.28	13.46
22.0	1149	12.0			0.46	1.6		9.1	8.8	96		0.20	10		20.68	13.20	15.30
22.0	1149	13.0			0.47	1.6		9.1	8.8	96		0.44	18		21.93	13.18	16.26
22.0	1149	14.0			0.46	1.5		9.0	8.7	96		0.48	19		21.99	13.17	16.31
22.0	1149	15.0			0.45	1.4		9.0	8.7	96		0.46	18		22.52	13.16	16.72
22.0	1149	16.0			0.45	1.3		8.9	8.6	95		0.46	18		23.20	13.15	17.25
22.0	1149	17.0			0.44	1.3		8.9	8.6	95		0.43	18		23.66	13.15	17.60
22.0	1149	18.0			0.44	1.3		8.9	8.6	96		0.39	16		23.95	13.14	17.83
21.0	1203	1.0			0.96	7.0		10.3	10.1	109		0.03	5	0.7	15.07	14.86	10.69
21.0	1203	2.0	5.7	0.82	0.96	7.0	10.0	10.1	9.8	106	4.6	0.03	5		15.07	14.52	10.75
21.0	1203	3.0			0.97	7.1		10.1	9.9	106		0.04	5		15.08	14.02	10.85
21.0	1203	4.0			0.92	6.6		10.1	9.9	105		0.04	6		15.19	13.92	10.95
21.0	1203	5.0			0.82	5.4		9.9	9.7	103		0.05	6		15.27	13.88	11.01
21.0	1203	6.0			0.71	4.2		9.8	9.5	101		0.04	6		15.41	13.73	11.15
21.0	1203	7.0			0.64	3.4		9.7	9.4	100		0.05	6		16.13	13.62	11.72
21.0	1203	8.0			0.60	3.0		9.5	9.3	99		0.14	9		16.93	13.56	12.35
21.0	1203	9.0			0.55	2.5		9.4	9.2	98		0.17	10		17.49	13.47	12.79
21.0	1203	10.0			0.51	2.1		9.4	9.1	98		0.22	11		18.73	13.38	13.76
21.0	1203	11.0			0.50	1.9		9.3	9.0	97		0.29	13		20.11	13.31	14.84
21.0	1203	12.0			0.50	1.9		9.2	8.9	97		0.32	14		20.98	13.25	15.52

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21.0	1203	13.0			0.49	1.8		9.1	8.8	97		0.35	15		21.95	13.20	16.27
21.0	1203	14.0			0.48	1.7		9.1	8.8	97		0.36	15		22.55	13.17	16.74
21.0	1203	15.0			0.47	1.6		9.0	8.8	96		0.35	15		22.87	13.16	16.99
21.0	1203	16.0			0.46	1.5		9.0	8.7	96		0.37	16		23.02	13.16	17.10
21.0	1203	17.0	2.4	0.55	0.46	1.5		9.0	8.7	96		0.38	16		23.66	13.14	17.61

	n	r^2	Slope	Inter.	Std. Err.
Fluorometer Calibration:	12	0.919	10.925	-3.522	0.819
OBS Calibration:	5	0.806	30.452	4.378	1.230
Dissolved Oxygen Calibration:	6	0.912	1.067	-0.894	0.180

SeaBird v4.026

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
36.0	1324	1.0			0.97	8.6		9.4	9.0	92		0.64	34	2.6	4.90	14.87	2.90
36.0	1324	2.0	6.9	0.77	0.97	8.7	8.4	9.2	8.7	89	30.5	0.58	32		6.36	14.51	4.08
36.0	1324	3.0			0.95	8.3		9.0	8.4	86		0.56	30		7.48	14.06	5.01
36.0	1324	4.0			0.89	7.6		8.9	8.4	86		0.62	33		8.27	14.03	5.62
36.0	1324	5.0			0.83	6.6		8.8	8.2	85		0.62	33		9.66	13.94	6.70
36.0	1324	6.0			0.77	5.8		8.7	8.0	83		0.74	38		10.25	14.02	7.14
36.0	1324	7.0	5.2	0.58	0.77	5.8		8.7	8.0	83		0.82	42		10.55	14.04	7.37
35.0	1316	1.0			0.94	8.2		9.3	8.9	91		0.50	28	2.9	6.55	14.76	4.18
35.0	1316	2.0			0.98	8.8		9.2	8.8	90		0.56	31		7.26	14.27	4.81
35.0	1316	3.0			1.04	9.6		9.2	8.7	88		0.61	33		7.48	13.98	5.02
35.0	1316	4.0			1.18	11.6		9.2	8.7	89		0.63	34		7.83	14.18	5.25
35.0	1316	5.0			1.25	12.7		9.3	8.8	90		0.58	32		8.41	14.12	5.71
35.0	1316	6.0			1.21	12.0		9.1	8.6	89		0.65	34		9.57	14.10	6.60
35.0	1316	7.0			1.12	10.8		8.9	8.3	86		0.90	45		9.83	14.04	6.81
35.0	1316	8.0			1.12	10.8		8.9	8.3	86		1.05	51		10.06	14.02	6.99
34.0	1303	1.0			0.92	8.0		9.1	8.5	87		0.51	29	2.7	7.09	14.25	4.68
34.0	1303	2.0			0.97	8.7		9.1	8.6	89		0.51	28		9.76	13.96	6.77
34.0	1303	3.0			0.99	8.9		9.1	8.6	89		0.44	26		10.02	13.94	6.98
34.0	1303	4.0			1.00	9.1		9.0	8.5	88		0.47	27		10.26	13.95	7.16
34.0	1303	5.0			1.04	9.6		9.0	8.5	88		0.51	29		10.43	13.97	7.29
34.0	1303	6.0			1.05	9.8		8.9	8.3	87		0.58	32		10.75	14.05	7.52
34.0	1303	7.0			1.04	9.6		8.8	8.2	86		0.76	39		11.03	14.10	7.72
33.0	1248	1.0			0.98	8.8		9.4	8.9	91		0.43	25	2.6	8.69	13.97	5.95
33.0	1248	2.0			1.02	9.3		9.3	8.8	91		0.38	23		9.45	13.76	6.57
33.0	1248	3.0			1.03	9.6		9.4	8.9	91		0.34	21		9.74	13.59	6.81
33.0	1248	4.0			1.06	9.9		9.3	8.9	91		0.36	22		9.86	13.64	6.90
33.0	1248	5.0			1.08	10.2		9.3	8.9	91		0.42	25		9.93	13.72	6.94
33.0	1248	6.0			1.11	10.6		9.3	8.9	92		0.42	25		10.01	13.80	6.99
33.0	1248	7.0			1.14	11.0		9.3	8.9	92		0.44	25		10.19	13.91	7.11
33.0	1248	8.0			1.16	11.4		9.3	8.8	91		0.43	25		10.40	13.89	7.28
33.0	1248	9.0			1.24	12.4		9.2	8.8	91		0.44	25		10.92	13.90	7.67
33.0	1248	10.0			1.34	14.0		9.2	8.7	90		0.45	26		11.47	13.93	8.09
33.0	1248	11.0			1.35	14.0		9.1	8.6	90		0.47	27		11.65	14.02	8.21
33.0	1248	12.0			1.32	13.6		9.1	8.6	90		0.50	28		11.68	14.04	8.23
32.0	1237	1.0			1.08	10.2		9.4	9.0	92		0.33	21	2.5	9.85	13.65	6.89
32.0	1237	2.0	9.3	0.80	1.10	10.5	8.6	9.3	8.8	90	23.0	0.36	22		10.07	13.55	7.08
32.0	1237	3.0			1.14	11.1		9.3	8.8	90		0.38	23		10.32	13.60	7.26
32.0	1237	4.0			1.15	11.1		9.4	8.9	92		0.42	24		10.56	13.63	7.44
32.0	1237	5.0			1.13	11.0		9.3	8.8	91		0.41	24		11.07	13.85	7.80

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
32.0	1237	6.0			1.19	11.7		9.2	8.7	91		0.41	24		11.31	13.95	7.97
32.0	1237	7.0			1.28	13.1		9.2	8.7	91		0.43	25		11.54	13.98	8.14
32.0	1237	8.0			1.36	14.2		9.2	8.7	91		0.45	26		11.58	13.96	8.17
32.0	1237	9.0			1.46	15.5		9.3	8.8	92		0.47	27		11.68	13.99	8.24
32.0	1237	10.0			1.62	17.8		9.2	8.8	92		0.48	27		11.93	14.12	8.41
32.0	1237	11.0			1.77	20.0		9.2	8.7	91		0.72	37		12.05	14.15	8.49
32.0	1237	12.0	18.0	0.79	1.75	19.7		9.2	8.7	91		1.17	57		12.05	14.15	8.50
31.0	1223	1.0			1.13	10.9		9.3	8.8	91		0.30	19	2.2	10.45	13.73	7.34
31.0	1223	2.0			1.19	11.8		9.3	8.9	92		0.33	21		10.88	13.71	7.67
31.0	1223	3.0			1.20	11.9		9.4	8.9	93		0.30	19		11.17	13.92	7.86
31.0	1223	4.0			1.22	12.2		9.3	8.9	93		0.29	19		11.41	14.05	8.03
31.0	1223	5.0			1.31	13.4		9.3	8.8	92		0.31	20		11.75	14.11	8.27
31.0	1223	6.0			1.47	15.7		9.2	8.8	92		0.35	22		11.88	14.12	8.37
31.0	1223	7.0			1.65	18.3		9.3	8.8	93		0.38	23		11.95	14.10	8.43
31.0	1223	8.0			1.77	19.9		9.3	8.9	93		0.40	24		12.02	14.13	8.48
31.0	1223	9.0			1.84	21.0		9.4	8.9	94		0.43	25		12.12	14.17	8.55
31.0	1223	10.0			1.93	22.3		9.4	9.0	94		0.44	26		12.19	14.19	8.60
31.0	1223	11.0			2.09	24.6		9.5	9.1	95		0.46	26		12.27	14.22	8.66
31.0	1223	12.0			2.19	26.0		9.5	9.1	96		0.48	27		12.42	14.26	8.77
31.0	1223	13.0			2.16	25.5		9.4	9.0	95		0.57	31		12.47	14.28	8.80
30.0	1201	1.0			1.51	16.3		9.5	9.1	95		0.23	16	2.0	11.52	14.21	8.09
30.0	1201	2.0	15.7	0.79	1.63	18.0	9.2	9.4	8.9	94	17.3	0.22	16		11.95	14.22	8.41
30.0	1201	3.0			1.76	19.9		9.5	9.0	96		0.28	19		12.31	14.31	8.68
30.0	1201	4.0			1.90	21.8		9.6	9.2	98		0.34	21		12.51	14.33	8.82
30.0	1201	5.0			1.95	22.6		9.6	9.3	98		0.37	23		12.60	14.30	8.90
30.0	1201	6.0			1.95	22.5		9.7	9.3	99		0.39	23		12.63	14.31	8.92
30.0	1201	7.0			1.89	21.7		9.7	9.3	99		0.40	24		12.68	14.31	8.96
30.0	1201	8.0			1.80	20.4		9.6	9.2	98		0.41	24		12.75	14.30	9.01
30.0	1201	9.0			1.76	19.8		9.5	9.2	97		0.39	23		12.75	14.25	9.02
30.0	1201	10.0			1.70	19.0		9.6	9.2	97		0.37	23		12.76	14.20	9.03
30.0	1201	11.0			1.63	18.0		9.5	9.1	97		0.35	22		12.85	14.20	9.11
30.0	1201	12.0			1.62	17.9		9.5	9.1	97		0.37	23		12.87	14.21	9.12
30.0	1201	13.0			1.63	18.0		9.5	9.2	97		0.39	23		12.88	14.23	9.12
30.0	1201	14.0			1.71	19.2		9.5	9.1	96		0.48	27		12.95	14.30	9.17
30.0	1201	15.0	18.6	0.75	1.74	19.5		0.0	0.0			0.73	38		13.00	14.32	9.20
29.5	1147	1.0			1.73	19.4		9.2	8.7	92		0.16	14	1.5	12.48	14.64	8.75
29.5	1147	2.0			1.77	20.0		9.6	9.2	98		0.22	16		12.60	14.40	8.88
29.5	1147	3.0			1.81	20.6		9.5	9.1	96		0.23	17		12.62	14.39	8.90
29.5	1147	4.0			1.81	20.5		9.5	9.0	96		0.24	17		12.63	14.39	8.91
29.5	1147	5.0			1.79	20.2		9.5	9.1	96		0.24	17		12.65	14.40	8.92

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
29.5	1147	6.0			1.84	21.0		9.5	9.1	97		0.24	17		12.68	14.42	8.94
29.5	1147	7.0			1.90	21.8		9.5	9.1	97		0.25	17		12.75	14.46	8.99
29.5	1147	8.0			1.87	21.4		9.5	9.1	97		0.26	18		12.85	14.47	9.06
29.5	1147	9.0			1.78	20.2		9.5	9.1	97		0.25	17		13.03	14.48	9.19
29.5	1147	10.0			1.70	19.1		9.5	9.1	97		0.24	17		13.22	14.49	9.34
29.5	1147	11.0			1.65	18.4		9.5	9.1	97		0.23	16		13.56	14.54	9.59
29.5	1147	12.0			1.68	18.8		9.5	9.1	97		0.22	16		13.81	14.58	9.77
29.5	1147	13.0			1.84	21.0		9.5	9.1	98		0.22	16		14.17	14.58	10.05
29.5	1147	14.0			1.87	21.4		9.5	9.1	98		0.24	17		14.39	14.56	10.22
29.0	1134	1.0			1.94	22.5		10.9	11.0	117		0.14	13	1.3	12.74	14.56	8.96
29.0	1134	2.0			1.90	21.8		10.5	10.4	111		0.16	14		12.77	14.39	9.01
29.0	1134	3.0			1.82	20.7		10.3	10.2	108		0.19	15		12.79	14.33	9.04
29.0	1134	4.0			1.70	19.0		10.2	10.0	106		0.19	15		12.83	14.35	9.07
29.0	1134	5.0			1.65	18.2		10.2	10.0	106		0.19	15		12.88	14.35	9.10
29.0	1134	6.0			1.62	17.8		10.2	10.0	106		0.19	15		12.97	14.37	9.17
29.0	1134	7.0			1.63	18.0		10.1	9.9	105		0.18	14		13.09	14.41	9.25
29.0	1134	8.0			1.63	18.1		10.1	9.9	105		0.19	15		13.19	14.43	9.33
29.0	1134	9.0			1.61	17.8		10.1	9.8	105		0.20	15		13.35	14.50	9.44
29.0	1134	10.0			1.63	18.0		10.1	9.8	105		0.20	15		13.70	14.55	9.70
29.0	1134	11.0			1.68	18.7		10.0	9.8	105		0.19	15		13.92	14.57	9.86
29.0	1134	12.0			1.83	20.9		10.1	9.8	106		0.20	15		14.12	14.57	10.01
29.0	1134	13.0			1.99	23.2		10.1	9.8	106		0.22	16		14.40	14.55	10.23
29.0	1134	14.0			1.97	22.8		10.1	9.8	106		0.23	17		14.51	14.53	10.32
28.0	1116	1.0			1.78	20.2		10.6	10.5	112		0.13	12	1.6	12.97	14.68	9.12
28.0	1116	2.0			1.84	21.0		10.5	10.4	111		0.14	13		13.02	14.42	9.20
28.0	1116	3.0			1.86	21.3		10.3	10.2	108		0.14	13		13.12	14.37	9.28
28.0	1116	4.0			1.85	21.1		10.2	10.0	107		0.14	13		13.32	14.40	9.43
28.0	1116	5.0			1.76	19.9		10.1	9.9	106		0.16	13		13.81	14.51	9.79
28.0	1116	6.0			1.69	18.9		10.0	9.8	105		0.16	13		14.11	14.56	10.01
28.0	1116	7.0			1.69	18.8		10.0	9.8	105		0.15	13		14.22	14.57	10.09
28.0	1116	8.0			1.73	19.5		10.1	9.9	106		0.15	13		14.30	14.56	10.16
28.0	1116	9.0			1.79	20.3		10.1	9.9	106		0.15	13		14.44	14.59	10.26
28.0	1116	10.0			1.83	20.9		10.0	9.8	106		0.16	13		14.56	14.63	10.35
28.0	1116	11.0			1.86	21.3		10.0	9.8	105		0.16	14		14.65	14.61	10.42
28.0	1116	12.0			1.80	20.4		9.9	9.6	104		0.17	14		15.32	14.58	10.93
28.0	1116	13.0			1.63	18.1		9.7	9.4	102		0.17	14		15.97	14.55	11.44
28.0	1116	14.0			1.62	17.9		9.6	9.2	101		0.16	14		16.99	14.47	12.23
27.0	1059	1.0			1.70	19.0		10.5	10.4	112		0.13	12	1.4	13.27	14.66	9.35
27.0	1059	2.0	27.8	0.84	1.78	20.1	10.4	10.4	10.3	110	13.4	0.13	12		13.38	14.44	9.47
27.0	1059	3.0			1.63	18.1		10.1	9.8	105		0.12	12		13.62	14.43	9.65

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
27.0	1059	4.0			1.52	16.4		9.9	9.7	103		0.11	11		13.91	14.42	9.88
27.0	1059	5.0			1.55	16.9		9.9	9.7	104		0.10	11		14.09	14.54	10.00
27.0	1059	6.0			1.62	17.9		9.9	9.6	104		0.11	11		14.48	14.62	10.28
27.0	1059	7.0			1.62	17.8		9.8	9.4	102		0.13	12		15.36	14.61	10.96
27.0	1059	8.0			1.55	16.9		9.7	9.4	102		0.14	13		16.20	14.51	11.62
27.0	1059	9.0			1.42	15.1		9.5	9.1	99		0.13	12		16.56	14.53	11.90
27.0	1059	10.0	14.9	0.82	1.40	14.8		9.5	9.1	99		0.12	12		16.75	14.54	12.04
26.0	1043	1.0			1.65	18.3		10.8	10.8	117		0.05	9	1.3	14.31	15.00	10.08
26.0	1043	2.0			1.82	20.8		10.4	10.2	111		0.07	10		14.55	14.88	10.29
26.0	1043	3.0			1.87	21.5		10.2	10.0	108		0.08	10		14.77	14.68	10.49
26.0	1043	4.0			1.84	21.0		10.1	9.8	106		0.10	11		15.30	14.53	10.93
26.0	1043	5.0			1.90	21.8		9.9	9.6	104		0.11	11		15.83	14.53	11.33
26.0	1043	6.0			1.99	23.1		10.0	9.7	105		0.11	11		16.32	14.30	11.75
26.0	1043	7.0			1.86	21.2		10.0	9.7	105		0.13	12		16.91	14.15	12.23
26.0	1043	8.0			1.48	15.8		9.6	9.3	101		0.13	12		17.59	14.21	12.74
26.0	1043	9.0			1.45	15.5		9.5	9.1	99		0.08	10		18.27	14.25	13.26
25.0	1024	1.0			1.78	20.2		11.1	11.2	122		0.04	8	1.3	14.41	15.05	10.15
25.0	1024	2.0			2.00	23.3		10.6	10.6	115		0.08	10		14.88	14.77	10.56
25.0	1024	3.0			2.08	24.5		10.5	10.4	112		0.09	11		15.57	14.41	11.15
25.0	1024	4.0			1.88	21.5		10.1	10.0	108		0.11	11		16.64	14.43	11.97
25.0	1024	5.0			1.52	16.5		9.9	9.6	105		0.08	10		17.23	14.32	12.44
25.0	1024	6.0			1.08	10.2		9.3	8.9	97		0.08	10		18.37	14.23	13.34
25.0	1024	7.0			0.78	5.9		8.9	8.4	92		0.06	9		19.10	14.12	13.92
25.0	1024	8.0			0.82	6.5		9.2	8.7	96		0.02	7		20.08	14.02	14.69
24.0	1003	1.0			1.68	18.7		11.1	11.2	121		0.06	9	1.2	14.63	14.81	10.36
24.0	1003	2.0	18.5	0.81	1.83	20.9	10.9	11.0	11.1	120	8.7	0.06	9		14.74	14.68	10.48
24.0	1003	3.0			1.87	21.4		10.8	10.8	116		0.06	9		14.72	14.75	10.44
24.0	1003	4.0			1.84	21.0		10.5	10.4	112		0.06	9		15.70	14.51	11.24
24.0	1003	5.0			1.70	19.1		10.2	10.1	109		0.06	9		16.30	14.42	11.72
24.0	1003	6.0			1.29	13.2		9.5	9.1	100		0.05	9		17.19	14.38	12.40
24.0	1003	7.0			0.81	6.4		8.8	8.2	90		0.05	9		19.31	13.93	14.11
24.0	1003	8.0			0.57	2.9		8.4	7.6	84		0.03	8		21.28	13.62	15.68
24.0	1003	9.0	3.2	0.64	0.61	3.5		8.3	7.5	82		0.04	8		22.45	13.41	16.62
23.0	0945	1.0			1.34	14.0		10.5	10.4	112		0.03	8	1.0	15.23	14.39	10.90
23.0	0945	2.0			1.46	15.6		10.1	9.9	107		0.03	8		16.21	14.16	11.69
23.0	0945	3.0			1.24	12.5		9.8	9.4	101		0.05	9		16.47	13.89	11.94
23.0	0945	4.0			0.94	8.2		9.8	9.5	101		0.05	9		16.57	13.62	12.06
23.0	0945	5.0			0.76	5.7		9.6	9.3	100		0.04	8		16.82	13.76	12.23
23.0	0945	6.0			0.73	5.2		9.6	9.2	99		0.04	8		16.98	13.88	12.33

South San Francisco Bay MARCH 26, 1996 96086

STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
23.0	0945	7.0			0.78	5.9		9.7	9.3	101		0.04	9		17.04	13.95	12.36
23.0	0945	8.0			0.75	5.5		9.2	8.7	94		0.05	9		17.25	14.16	12.49
23.0	0945	9.0			0.61	3.5		8.6	7.9	87		0.05	9		19.50	13.84	14.27
23.0	0945	10.0			0.49	1.9		8.3	7.5	82		0.05	9		21.73	13.49	16.06
23.0	0945	11.0			0.46	1.4		8.1	7.3	81		0.05	9		22.44	13.35	16.62
23.0	0945	12.0			0.46	1.4		8.1	7.3	80		0.07	10		22.59	13.30	16.75
23.0	0945	13.0			0.46	1.4		8.1	7.2	79		0.10	11		22.68	13.28	16.83
23.0	0945	14.0			0.46	1.4		8.1	7.2	79		0.12	12		22.71	13.27	16.85
23.0	0945	15.0			0.46	1.4		8.1	7.2	79		0.15	13		22.72	13.27	16.85
22.0	0922	1.0			0.72	5.1		9.3	8.8	95		0.08	10	1.0	16.83	13.86	12.22
22.0	0922	2.0			0.73	5.3		9.4	9.0	96		0.05	9		16.95	13.62	12.35
22.0	0922	3.0			0.68	4.6		9.2	8.7	94		0.04	8		17.37	13.77	12.65
22.0	0922	4.0			0.67	4.3		9.1	8.5	92		0.04	9		17.72	13.78	12.92
22.0	0922	5.0			0.66	4.2		9.0	8.4	91		0.04	9		18.09	13.69	13.22
22.0	0922	6.0			0.63	3.8		8.7	8.0	87		0.04	9		19.40	13.61	14.23
22.0	0922	7.0			0.54	2.5		8.3	7.5	82		0.04	9		20.84	13.46	15.37
22.0	0922	8.0			0.45	1.2		8.0	7.1	78		0.04	8		22.67	13.24	16.82
22.0	0922	9.0			0.41	0.6		7.8	6.8	75		0.04	8		23.48	13.09	17.47
22.0	0922	10.0			0.39	0.3		7.7	6.7	74		0.04	8		23.93	12.97	17.84
22.0	0922	11.0			0.37	0.1		7.5	6.5	72		0.04	8		24.42	12.85	18.24
22.0	0922	12.0			0.36	0.0		7.4	6.4	70		0.05	9		25.63	12.63	19.22
22.0	0922	13.0			0.35	0.0		7.3	6.2	69		0.05	9		26.15	12.54	19.63
22.0	0922	14.0			0.36	0.0		7.2	6.1	68		0.05	9		26.74	12.42	20.11
22.0	0922	15.0			0.36	0.0		7.2	6.0	67		0.07	10		27.13	12.36	20.43
22.0	0922	16.0			0.36	0.0		7.1	5.9	66		0.09	11		27.36	12.31	20.61
22.0	0922	17.0			0.37	0.1		7.1	5.9	65		0.10	11		27.63	12.27	20.82
22.0	0922	18.0			0.37	0.1		7.1	5.9	66		0.10	11		27.72	12.26	20.90
21.0	0904	1.0			1.28	13.0		9.7	9.4	101		0.07	10	1.2	16.23	14.19	11.70
21.0	0904	2.0	14.0	0.81	1.25	12.6	9.9	9.9	9.6	104	8.2	0.08	10		16.32	14.09	11.79
21.0	0904	3.0			1.12	10.7		9.9	9.6	104		0.06	9		16.54	13.99	11.97
21.0	0904	4.0			0.95	8.4		9.7	9.4	101		0.06	9		16.81	14.15	12.15
21.0	0904	5.0			0.79	6.1		9.2	8.8	95		0.06	9		17.71	14.03	12.86
21.0	0904	6.0			0.69	4.6		8.9	8.3	91		0.04	8		18.24	13.90	13.29
21.0	0904	7.0			0.59	3.3		8.7	8.0	87		0.04	9		19.51	13.70	14.31
21.0	0904	8.0			0.51	2.0		8.2	7.4	81		0.06	9		21.35	13.38	15.78
21.0	0904	9.0			0.46	1.4		8.0	7.2	79		0.05	9		22.41	13.18	16.63
21.0	0904	10.0			0.45	1.3		7.9	7.0	77		0.07	10		23.35	13.03	17.39
21.0	0904	11.0			0.43	1.0		7.7	6.7	74		0.13	12		24.23	12.87	18.09
21.0	0904	12.0			0.40	0.6		7.6	6.5	72		0.09	10		25.03	12.73	18.74
21.0	0904	13.0			0.38	0.3		7.5	6.4	71		0.06	9		25.65	12.58	19.24
21.0	0904	14.0			0.36	0.0		7.3	6.2	69		0.04	8		26.72	12.38	20.10

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
21.0	0904	15.0			0.36	0.0		7.2	6.1	68		0.05	9		27.17	12.35	20.45
21.0	0904	16.0			0.37	0.1		7.2	6.0	67		0.06	9		27.25	12.34	20.52
21.0	0904	17.0			0.39	0.4		7.2	6.0	67		0.09	11		27.35	12.32	20.60
21.0	0904	18.0	2.4	0.54	0.40	0.5		7.2	6.1	68		0.10	11		27.45	12.31	20.68

	n	r^2	Slope	Inter.	Std. Err.
Fluorometer Calibration:	12	0.868	14.226	-5.164	2.901
OBS Calibration:	6	0.972	42.522	6.727	1.632
Dissolved Oxygen Calibration:	6	0.926	1.320	-3.441	0.305

SeaBird v4.026

North San Francisco Bay APRIL 3, 1996 96094

STN	TIME	DEPTH	DISCR CHL a	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	1751	1.0			0.47	2.3		10.2	9.6	92		0.43	29	2.5	0.10	13.53	0.00
657.0	1751	2.0	2.6	0.66	0.47	2.3	9.4	10.2	9.6	92	25.6	0.42	29		0.10	13.53	0.00
657.0	1751	3.0			0.47	2.3		10.2	9.6	92		0.43	29		0.10	13.53	0.00
657.0	1751	4.0			0.48	2.4		10.2	9.6	92		0.45	30		0.10	13.52	0.00
657.0	1751	5.0			0.48	2.4		10.2	9.6	92		0.45	30		0.10	13.51	0.00
657.0	1751	6.0			0.47	2.4		10.2	9.6	92		0.50	33		0.10	13.50	0.00
657.0	1751	7.0			0.47	2.4		10.2	9.6	92		0.55	35		0.10	13.49	0.00
657.0	1751	8.0			0.48	2.5		10.2	9.6	92		0.60	38		0.10	13.49	0.00
657.0	1751	9.0			0.49	2.6		10.2	9.6	92		0.60	38		0.10	13.49	0.00
657.0	1751	10.0			0.49	2.6		10.2	9.6	92		0.63	40		0.10	13.49	0.00
657.0	1751	11.0	2.4	0.54	0.49	2.6		10.2	9.6	92		0.64	40		0.10	13.49	0.00
649.0	1649	1.0			0.43	1.9		10.5	9.8	96		0.30	22	2.2	0.09	14.18	0.00
649.0	1649	2.0	2.1	0.63	0.43	1.9	9.8	10.5	9.8	95		0.29	22		0.09	14.16	0.00
649.0	1649	3.0			0.43	1.9		10.5	9.8	95		0.30	22		0.09	14.15	0.00
649.0	1649	4.0			0.43	1.9		10.5	9.8	95		0.31	23		0.09	14.15	0.00
649.0	1649	5.0			0.44	1.9		10.5	9.8	96		0.33	24		0.09	14.15	0.00
649.0	1649	6.0			0.44	2.0		10.5	9.8	95		0.33	24		0.09	14.15	0.00
649.0	1649	7.0			0.45	2.0		10.5	9.8	95		0.34	25		0.09	14.14	0.00
649.0	1649	8.0			0.45	2.1		10.5	9.8	95		0.34	25		0.09	14.13	0.00
649.0	1649	9.0			0.45	2.0		10.5	9.8	96		0.35	25		0.09	14.13	0.00
649.0	1649	10.0			0.44	2.0		10.5	9.8	96		0.35	25		0.09	14.13	0.00
649.0	1649	11.0			0.45	2.0		10.5	9.8	96		0.35	25		0.09	14.12	0.00
649.0	1649	12.0	2.0	0.54	0.45	2.1		10.5	9.8	96		0.35	25		0.09	14.12	0.00
2.0	1628	1.0			0.45	2.1		10.3	9.7	95		0.33	24	2.2	0.10	14.37	0.00
2.0	1628	2.0			0.45	2.1		10.3	9.7	95	24.6	0.34	24		0.10	14.35	0.00
2.0	1628	3.0			0.46	2.2		10.3	9.6	95		0.34	25		0.10	14.34	0.00
2.0	1628	4.0			0.46	2.2		10.3	9.7	95		0.35	25		0.10	14.32	0.00
2.0	1628	5.0			0.45	2.1		10.3	9.7	95		0.35	25		0.10	14.31	0.00
2.0	1628	6.0			0.45	2.1		10.3	9.7	95		0.35	25		0.10	14.26	0.00
2.0	1628	7.0			0.45	2.1		10.3	9.7	95		0.37	26		0.10	14.26	0.00
2.0	1628	8.0			0.46	2.2		10.4	9.7	95		0.38	27		0.10	14.25	0.00
2.0	1628	9.0			0.46	2.2		10.4	9.7	95		0.38	27		0.10	14.25	0.00
2.0	1628	10.0			0.46	2.2		10.4	9.7	95		0.38	27		0.10	14.24	0.00
2.0	1628	11.0			0.46	2.2		10.4	9.7	95		0.39	27		0.10	14.23	0.00
3.0	1609	1.0			0.44	2.0		10.4	9.7	95		0.40	28	2.4	0.10	14.41	0.00
3.0	1609	2.0	2.0	0.61	0.46	2.2	9.7	10.3	9.7	95		0.33	24		0.10	14.42	0.00
3.0	1609	3.0			0.45	2.1		10.3	9.7	95		0.34	25		0.10	14.39	0.00
3.0	1609	4.0			0.45	2.1		10.3	9.7	95		0.35	25		0.10	14.39	0.00
3.0	1609	5.0			0.44	2.0		10.4	9.7	95		0.35	25		0.10	14.38	0.00
3.0	1609	6.0			0.44	2.0		10.4	9.7	95		0.36	26		0.10	14.39	0.00

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
3.0	1609	7.0			0.44	1.9		10.4	9.7	95		0.35	25		0.10	14.38	0.00
3.0	1609	8.0			0.43	1.9		10.4	9.7	95		0.36	26		0.10	14.38	0.00
3.0	1609	9.0			0.44	1.9		10.4	9.7	95		0.36	26		0.10	14.38	0.00
3.0	1609	10.0			0.45	2.0		10.4	9.7	95		0.37	26		0.10	14.37	0.00
3.0	1609	11.0	1.9	0.55	0.44	2.0		10.4	9.7	95		0.38	27		0.10	14.38	0.00
4.0	1546	1.0			0.46	2.2		10.4	9.7	96		0.41	28	2.2	0.10	14.71	0.00
4.0	1546	2.0			0.46	2.2		10.4	9.7	96		0.37	26		0.10	14.66	0.00
4.0	1546	3.0			0.45	2.1		10.4	9.7	96		0.36	26		0.10	14.65	0.00
4.0	1546	4.0			0.45	2.1		10.4	9.7	96		0.37	26		0.10	14.60	0.00
4.0	1546	5.0			0.46	2.3		10.4	9.7	96		0.38	27		0.10	14.60	0.00
4.0	1546	6.0			0.47	2.4		10.4	9.7	96		0.38	26		0.10	14.59	0.00
4.0	1546	7.0			0.47	2.4		10.4	9.7	96		0.38	26		0.10	14.56	0.00
4.0	1546	8.0			0.47	2.3		10.4	9.7	96		0.38	27		0.10	14.55	0.00
4.0	1546	9.0			0.47	2.4		10.4	9.7	96		0.38	27		0.10	14.53	0.00
4.0	1546	10.0			0.48	2.4		10.4	9.7	96		0.38	27		0.10	14.52	0.00
4.0	1546	11.0			0.48	2.4		10.4	9.7	96		0.39	27		0.10	14.50	0.00
4.0	1546	12.0			0.48	2.4		10.4	9.7	96		0.41	28		0.10	14.48	0.00
4.0	1546	13.0			0.48	2.4		10.4	9.7	96		0.42	29		0.10	14.47	0.00
4.0	1546	14.0			0.47	2.3		10.4	9.7	96		0.43	29		0.10	14.47	0.00
4.0	1546	15.0			0.47	2.3		10.4	9.7	96		0.44	30		0.10	14.47	0.00
4.0	1546	16.0			0.47	2.3		10.4	9.8	96		0.43	29		0.10	14.48	0.00
5.0	1528	1.0			0.46	2.2		10.3	9.6	96		0.34	25	2.2	0.11	14.94	0.00
5.0	1528	2.0			0.45	2.1		10.3	9.6	96	25.9	0.36	26		0.12	14.85	0.00
5.0	1528	3.0			0.45	2.1		10.3	9.6	95		0.38	27		0.12	14.78	0.00
5.0	1528	4.0			0.45	2.1		10.3	9.6	95		0.42	29		0.12	14.73	0.00
5.0	1528	5.0			0.45	2.1		10.2	9.6	95		0.46	30		0.12	14.67	0.00
5.0	1528	6.0			0.45	2.1		10.3	9.6	95		0.48	32		0.12	14.57	0.00
5.0	1528	7.0			0.46	2.2		10.3	9.6	95		0.47	32		0.13	14.55	0.00
5.0	1528	8.0			0.46	2.2		10.3	9.6	95		0.49	32		0.13	14.54	0.00
5.0	1528	9.0			0.46	2.2		10.3	9.6	95		0.50	33		0.13	14.54	0.00
5.0	1528	10.0			0.46	2.2		10.3	9.7	95		0.50	33		0.12	14.53	0.00
5.0	1528	11.0			0.47	2.3		10.4	9.7	95		0.53	34		0.13	14.53	0.00
6.0	1506	1.0			0.45	2.1		10.1	9.5	94		0.44	30	2.3	0.24	14.82	0.00
6.0	1506	2.0	2.2	0.55	0.45	2.1	9.7	10.1	9.5	94		0.48	32		0.31	14.69	0.00
6.0	1506	3.0			0.46	2.2		10.1	9.5	94		0.57	36		0.34	14.63	0.00
6.0	1506	4.0			0.46	2.3		10.2	9.5	94		0.66	41		0.36	14.57	0.00
6.0	1506	5.0			0.47	2.3		10.2	9.5	94		0.70	44		0.37	14.55	0.00
6.0	1506	6.0			0.47	2.4		10.2	9.6	94		0.76	46		0.37	14.55	0.00
6.0	1506	7.0			0.48	2.4		10.2	9.6	94		0.76	46		0.38	14.53	0.00
6.0	1506	8.0			0.47	2.4		10.2	9.6	94		0.77	47		0.38	14.53	0.00

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
6.0	1506	9.0			0.47	2.4		10.2	9.6	94		0.78	48		0.38	14.52	0.00
6.0	1506	10.0			0.47	2.4		10.2	9.6	94		0.81	49		0.40	14.48	0.00
6.0	1506	11.0			0.47	2.3		10.2	9.6	94		0.83	50		0.42	14.47	0.00
6.0	1506	12.0	2.0	0.42	0.47	2.3		10.3	9.6	95		0.89	53		0.42	14.47	0.00
7.0	1442	1.0			0.49	2.5		9.7	9.2	93		0.94	56	3.8	2.03	15.40	0.61
7.0	1442	2.0			0.49	2.5		9.6	9.1	92		1.01	59		2.13	15.27	0.70
7.0	1442	3.0			0.49	2.6		9.4	8.9	89		1.10	64		2.16	15.11	0.75
7.0	1442	4.0			0.50	2.7		9.5	8.9	90		1.16	67		2.55	14.70	1.12
7.0	1442	5.0			0.50	2.7		9.6	9.0	90		1.26	72		2.78	14.62	1.31
7.0	1442	6.0			0.50	2.7		9.5	9.0	90		1.29	74		2.89	14.59	1.39
7.0	1442	7.0			0.50	2.7		9.6	9.0	90		1.29	74		3.11	14.50	1.58
7.0	1442	8.0			0.49	2.6		9.6	9.0	91		1.33	76		3.17	14.48	1.62
7.0	1442	9.0			0.49	2.6		9.6	9.1	91		1.35	77		3.27	14.47	1.70
7.0	1442	10.0			0.49	2.5		9.6	9.0	91		1.26	73		3.31	14.47	1.74
7.0	1442	11.0			0.49	2.5		9.6	9.1	91		1.20	70		3.49	14.44	1.88
7.0	1442	12.0			0.51	2.8		9.6	9.1	91		1.16	67		3.60	14.41	1.97
7.0	1442	13.0			0.53	3.1		9.6	9.1	91		1.40	80		3.62	14.41	1.99
7.0	1442	14.0			0.55	3.3		9.6	9.1	91		1.99	111		3.62	14.41	1.98
7.0	1442	15.0			0.55	3.3		9.7	9.1	91		2.15	119		3.62	14.41	1.98
8.0	1417	1.0			0.48	2.4		9.6	9.0	92		0.70	43	2.3	4.79	14.65	2.85
8.0	1417	2.0			0.48	2.4		9.6	9.0	92	41.0	0.66	41		4.95	14.64	2.97
8.0	1417	3.0			0.48	2.5		9.5	9.0	91		0.68	42		5.00	14.63	3.01
8.0	1417	4.0			0.50	2.6		9.5	8.9	91		0.66	41		5.87	14.52	3.70
8.0	1417	5.0			0.51	2.7		9.5	8.9	91		0.65	40		6.30	14.46	4.03
8.0	1417	6.0			0.51	2.8		9.5	8.9	91		0.64	40		6.38	14.45	4.09
8.0	1417	7.0			0.53	3.0		9.4	8.9	91		0.65	40		6.42	14.45	4.13
8.0	1417	8.0			0.55	3.3		9.3	8.8	90		0.66	41		7.14	14.39	4.70
8.0	1417	9.0			0.58	3.6		9.3	8.8	90		0.85	51		7.73	14.32	5.15
8.0	1417	10.0			0.60	3.9		9.3	8.8	90		1.17	68		8.04	14.29	5.40
8.0	1417	11.0			0.62	4.0		9.3	8.8	90		1.52	86		8.27	14.27	5.58
8.0	1417	12.0			0.64	4.3		9.3	8.8	90		1.73	97		8.36	14.27	5.65
8.0	1417	13.0			0.67	4.7		9.3	8.8	90		1.91	106		8.42	14.26	5.70
8.0	1417	14.0			0.71	5.1		9.3	8.8	90		2.32	128		8.43	14.26	5.70
8.0	1417	15.0			0.73	5.3		9.3	8.8	90		3.05	166		8.43	14.26	5.71
8.0	1417	16.0			0.72	5.3		9.3	8.8	90		3.43	186		8.43	14.26	5.70
8.0	1417	17.0			0.72	5.2		9.3	8.8	90		3.63	196		8.43	14.26	5.70
9.0	1358	1.0			0.54	3.2		9.7	9.1	94		0.67	42	2.7	5.04	15.28	2.94
9.0	1358	2.0	2.5	0.60	0.54	3.2	9.0	9.6	9.1	94		0.62	39		5.15	15.22	3.03
9.0	1358	3.0			0.54	3.1		9.5	8.9	92		0.59	37		5.31	15.16	3.16
9.0	1358	4.0			0.53	3.1		9.5	8.9	92		0.53	35		6.08	14.95	3.79

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
9.0	1358	5.0			0.54	3.1		9.4	8.8	91		0.46	31		6.51	14.88	4.13
9.0	1358	6.0			0.56	3.4		9.2	8.7	90		0.49	32		7.25	14.70	4.73
9.0	1358	7.0			0.59	3.8		9.2	8.7	90		0.66	41		7.96	14.54	5.30
9.0	1358	8.0			0.61	4.0		9.1	8.6	89		0.73	45		8.40	14.45	5.65
9.0	1358	9.0			0.61	4.0		9.1	8.6	89		0.82	49		9.52	14.27	6.54
9.0	1358	10.0			0.62	4.1		9.0	8.6	89		1.34	77		9.93	14.20	6.86
9.0	1358	11.0			0.64	4.4		9.0	8.6	89		1.71	96		10.27	14.16	7.13
9.0	1358	12.0			0.66	4.6		9.0	8.5	89		2.22	122		10.73	14.13	7.49
9.0	1358	13.0			0.67	4.7		9.0	8.6	89		2.55	140		10.81	14.12	7.55
9.0	1358	14.0			0.67	4.7		9.0	8.6	89		2.62	143		10.81	14.12	7.56
9.0	1358	15.0			0.67	4.6		9.0	8.6	89		2.64	144		10.81	14.13	7.55
9.0	1358	16.0			0.66	4.6		9.0	8.6	89		2.66	145		10.82	14.13	7.56
9.0	1358	17.0			0.67	4.7		9.1	8.6	89		2.67	146		10.82	14.13	7.56
9.0	1358	18.0			0.67	4.7		9.1	8.6	89		2.65	145		10.83	14.13	7.57
9.0	1358	19.0			0.68	4.7		9.1	8.6	89		2.64	144		10.82	14.13	7.56
9.0	1358	20.0			0.67	4.7		9.1	8.6	90		2.64	144		10.82	14.13	7.56
9.0	1358	21.0			0.67	4.7		9.0	8.6	89		2.67	146		10.83	14.12	7.57
9.0	1358	22.0			0.68	4.7		9.0	8.6	89		2.67	146		10.88	14.12	7.60
9.0	1358	23.0			0.68	4.8		9.0	8.6	89		2.70	148		10.91	14.12	7.63
9.0	1358	24.0			0.68	4.8		9.0	8.6	89		2.79	152		10.98	14.11	7.68
9.0	1358	25.0			0.69	4.9		9.0	8.6	89		2.91	158		11.01	14.11	7.71
9.0	1358	26.0			0.69	4.9		9.0	8.6	89		3.08	167		11.03	14.11	7.73
9.0	1358	27.0			0.70	5.0		9.0	8.6	89		3.15	171		11.04	14.11	7.73
9.0	1358	28.0	2.9	0.31	0.70	5.0		9.0	8.6	89		3.40	184		11.09	14.10	7.77
10.0	1345	1.0			0.57	3.5		9.4	8.9	93		0.51	33	2.1	6.81	15.37	4.28
10.0	1345	2.0			0.57	3.5		9.4	8.8	92		0.46	31		7.24	15.10	4.65
10.0	1345	3.0			0.56	3.3		9.3	8.8	91		0.42	29		7.46	14.97	4.84
10.0	1345	4.0			0.55	3.3		9.2	8.7	90		0.40	27		7.73	14.80	5.08
10.0	1345	5.0			0.57	3.5		9.1	8.6	90		0.41	28		8.27	14.60	5.52
10.0	1345	6.0			0.57	3.5		9.0	8.5	89		0.50	33		9.20	14.45	6.26
10.0	1345	7.0			0.56	3.3		9.0	8.6	89		0.72	44		10.30	14.23	7.15
10.0	1345	8.0			0.55	3.2		9.1	8.6	89		0.83	50		10.50	14.20	7.30
10.0	1345	9.0			0.55	3.3		9.0	8.6	89		0.85	51		10.60	14.19	7.38
10.0	1345	10.0			0.56	3.4		9.0	8.5	89		0.88	52		10.78	14.16	7.52
10.0	1345	11.0			0.60	3.8		8.9	8.5	89		0.96	57		11.39	14.09	8.00
10.0	1345	12.0			0.66	4.5		8.9	8.5	89		1.51	85		11.99	14.04	8.48
10.0	1345	13.0			0.69	5.0		8.9	8.4	89		2.69	147		12.29	14.01	8.71
10.0	1345	14.0			0.72	5.2		8.9	8.4	89		3.56	192		12.44	14.00	8.82
10.0	1345	15.0			0.73	5.4		8.9	8.4	89		3.94	212		12.50	14.00	8.87
10.0	1345	16.0			0.74	5.5		8.9	8.4	89		4.16	223		12.57	13.99	8.93
10.0	1345	17.0			0.75	5.6		8.9	8.4	89		4.43	237		12.76	13.97	9.07
10.0	1345	18.0			0.75	5.6		8.9	8.4	89		4.83	258		12.86	13.97	9.16

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
11.0	1325	1.0			0.57	3.5		9.0	8.6	89		0.57	36	3.0	8.92	14.46	6.05
11.0	1325	2.0			0.57	3.6		9.0	8.5	89	38.0	0.57	36		9.25	14.31	6.33
11.0	1325	3.0			0.56	3.3		9.0	8.5	89		0.61	39		10.27	14.20	7.12
11.0	1325	4.0			0.54	3.1		9.0	8.5	89		0.55	35		10.98	14.19	7.67
11.0	1325	5.0			0.54	3.1		8.9	8.4	89		0.52	34		12.27	14.15	8.67
11.0	1325	6.0			0.54	3.2		8.8	8.4	88		0.54	35		12.79	14.05	9.08
11.0	1325	7.0			0.57	3.5		8.8	8.3	88		0.63	39		13.10	13.99	9.33
11.0	1325	8.0			0.61	4.0		8.6	8.2	87		0.78	47		14.07	13.90	10.09
11.0	1325	9.0			0.68	4.8		8.6	8.2	87		0.96	57		15.06	13.81	10.87
11.0	1325	10.0			0.72	5.3		8.5	8.1	87		1.49	84		15.60	13.77	11.29
11.0	1325	11.0			0.73	5.4		8.5	8.1	87		2.26	124		15.91	13.75	11.53
11.0	1325	12.0			0.74	5.5		8.5	8.1	86		2.72	149		16.32	13.72	11.85
11.0	1325	13.0			0.76	5.7		8.4	8.1	86		2.95	161		16.64	13.69	12.10
11.0	1325	14.0			0.79	6.1		8.4	8.1	86		3.13	170		16.70	13.68	12.15
11.0	1325	15.0			0.81	6.3		8.5	8.1	86		3.33	180		16.72	13.68	12.17
11.0	1325	16.0			0.79	6.1		8.5	8.1	86		3.45	187		16.73	13.68	12.18
11.0	1325	17.0			0.78	5.9		8.4	8.1	86		3.52	190		16.74	13.68	12.18
11.0	1325	18.0			0.78	5.9		8.4	8.1	86		3.55	192		16.75	13.68	12.19
11.0	1325	19.0			0.78	6.0		8.4	8.1	86		3.61	195		16.75	13.68	12.19
11.0	1325	20.0			0.78	6.0		8.4	8.1	86		3.61	195		16.75	13.68	12.19
11.0	1325	21.0			0.79	6.1		8.4	8.1	86		3.66	197		16.75	13.68	12.19
11.0	1325	22.0			0.79	6.1		8.4	8.1	86		3.70	199		16.76	13.68	12.19
12.0	1309	1.0			0.58	3.6		9.1	8.6	90		0.32	24	2.0	9.22	14.46	6.28
12.0	1309	2.0			0.58	3.6		9.0	8.6	89		0.31	23		10.08	14.25	6.97
12.0	1309	3.0			0.55	3.3		8.8	8.4	88		0.34	24		11.13	14.15	7.79
12.0	1309	4.0			0.52	3.0		8.6	8.2	87		0.33	24		13.79	13.90	9.88
12.0	1309	5.0			0.52	2.9		8.5	8.1	87		0.33	24		15.35	13.76	11.10
12.0	1309	6.0			0.55	3.3		8.5	8.1	87		0.33	24		16.56	13.68	12.04
12.0	1309	7.0			0.63	4.2		8.4	8.1	87		0.34	25		17.59	13.60	12.85
12.0	1309	8.0			0.72	5.3		8.4	8.0	87		0.45	30		18.09	13.57	13.24
12.0	1309	9.0			0.81	6.3		8.4	8.1	87		0.92	55		18.25	13.56	13.36
12.0	1309	10.0			0.80	6.2		8.5	8.1	87		1.46	83		18.30	13.55	13.40
13.0	1245	1.0			0.68	4.8		8.6	8.2	89		0.21	18	1.7	17.19	13.73	12.52
13.0	1245	2.0	5.4	0.70	0.71	5.1	8.3	8.6	8.2	88		0.23	19		17.71	13.59	12.94
13.0	1245	3.0			0.72	5.2		8.6	8.2	88		0.26	20		17.85	13.57	13.06
13.0	1245	4.0			0.71	5.1		8.6	8.2	88		0.28	21		18.07	13.55	13.23
13.0	1245	5.0			0.72	5.2		8.5	8.2	88		0.33	24		18.48	13.52	13.55
13.0	1245	6.0			0.73	5.4		8.5	8.1	88		0.43	29		18.64	13.50	13.67
13.0	1245	7.0			0.74	5.5		8.5	8.1	88		0.54	35		18.72	13.50	13.74
13.0	1245	8.0			0.76	5.7		8.5	8.1	88		0.66	41		19.00	13.48	13.95
13.0	1245	9.0	6.7	0.56	0.75	5.6		8.5	8.1	88		0.73	45		19.10	13.48	14.03

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
14.0	1231	1.0			0.64	4.3		8.6	8.2	88		0.18	16	1.6	16.24	14.00	11.74
14.0	1231	2.0			0.68	4.7		8.6	8.2	88	19.4	0.22	18		18.30	13.58	13.40
14.0	1231	3.0			0.71	5.1		8.5	8.1	88		0.26	20		18.79	13.56	13.77
14.0	1231	4.0			0.73	5.4		8.5	8.1	88		0.34	25		19.66	13.47	14.47
14.0	1231	5.0			0.77	5.8		8.5	8.1	88		0.43	29		20.24	13.40	14.92
14.0	1231	6.0			0.81	6.3		8.5	8.1	88		0.46	31		20.30	13.39	14.97
14.0	1231	7.0			0.85	6.8		8.5	8.1	88		0.50	33		20.34	13.39	15.00
14.0	1231	8.0			0.85	6.8		8.5	8.1	88		0.51	33		20.42	13.38	15.06
14.0	1231	9.0			0.85	6.8		8.5	8.1	88		0.56	36		20.48	13.37	15.11
14.0	1231	10.0			0.88	7.1		8.5	8.1	88		0.58	37		20.50	13.37	15.13
14.0	1231	11.0			0.87	7.1		8.5	8.1	88		0.63	40		20.52	13.37	15.14
14.0	1231	12.0			0.88	7.1		8.5	8.1	88		0.62	39		20.54	13.37	15.16
14.0	1231	13.0			0.91	7.5		8.5	8.1	88		0.67	41		20.57	13.36	15.18
14.0	1231	14.0			0.90	7.4		8.5	8.1	88		0.72	45		20.61	13.36	15.21
14.0	1231	15.0			0.90	7.3		8.5	8.1	88		0.85	51		20.70	13.35	15.28
15.0	1212	1.0			0.56	3.4		8.8	8.4	90		0.17	16	1.7	15.78	14.26	11.34
15.0	1212	2.0	3.6	0.72	0.58	3.6	8.4	8.7	8.3	89		0.17	15		16.46	13.86	11.93
15.0	1212	3.0			0.63	4.2		8.7	8.3	90		0.18	16		18.73	13.56	13.73
15.0	1212	4.0			0.65	4.4		8.8	8.3	91		0.20	17		19.62	13.50	14.43
15.0	1212	5.0			0.65	4.4		8.8	8.4	91		0.20	17		19.68	13.50	14.48
15.0	1212	6.0			0.68	4.7		8.8	8.4	91		0.20	17		19.70	13.50	14.49
15.0	1212	7.0			0.72	5.3		8.8	8.3	91		0.20	17		20.01	13.49	14.73
15.0	1212	8.0			0.78	6.0		8.7	8.3	91		0.20	17		21.04	13.40	15.54
15.0	1212	9.0			0.85	6.7		8.7	8.3	91		0.24	19		21.29	13.38	15.73
15.0	1212	10.0			0.88	7.1		8.7	8.3	91		0.27	21		21.59	13.34	15.98
15.0	1212	11.0			0.91	7.4		8.7	8.3	90		0.31	23		21.88	13.30	16.20
15.0	1212	12.0			1.01	8.7		8.7	8.3	91		0.33	24		22.33	13.23	16.57
15.0	1212	13.0			1.12	9.9		8.7	8.3	91		0.37	26		22.73	13.19	16.87
15.0	1212	14.0			1.10	9.7		8.6	8.2	91		0.40	28		22.81	13.18	16.94
15.0	1212	15.0			1.06	9.3		8.6	8.2	91		0.44	29		23.02	13.14	17.11
15.0	1212	16.0			1.06	9.2		8.6	8.2	91		0.45	30		23.24	13.09	17.28
15.0	1212	17.0			1.08	9.5		8.6	8.2	91		0.47	31		23.30	13.07	17.34
15.0	1212	18.0			1.15	10.2		8.7	8.3	91		0.52	34		23.35	13.05	17.38
15.0	1212	19.0			1.22	11.1		8.7	8.2	91		0.54	35		23.35	13.05	17.38
15.0	1212	20.0			1.22	11.1		8.7	8.3	91		0.59	37		23.36	13.05	17.39
15.0	1212	21.0			1.19	10.8		8.7	8.3	91		0.63	40		23.37	13.04	17.39
15.0	1212	22.0			1.20	10.8		8.7	8.3	91		0.69	43		23.36	13.04	17.39
15.0	1212	23.0			1.21	11.0		8.7	8.3	91		0.73	45		23.37	13.04	17.40
15.0	1212	24.0			1.29	12.0		8.7	8.3	91		0.75	46		23.37	13.04	17.40
15.0	1212	25.0	11.9	0.55	1.32	12.3		8.7	8.3	91		0.78	47		23.37	13.04	17.40

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
16.0	1147	1.0			0.76	5.7		8.6	8.2	91		0.15	15	1.3	23.51	13.26	17.46
16.0	1147	2.0			0.78	6.0		8.7	8.3	91	15.3	0.14	14		24.33	13.02	18.14
16.0	1147	3.0			0.82	6.4		8.6	8.2	91		0.14	14		24.87	12.96	18.57
16.0	1147	4.0			0.85	6.8		8.6	8.2	91		0.15	15		25.08	12.92	18.74
16.0	1147	5.0			0.89	7.2		8.6	8.2	91		0.15	15		25.41	12.84	19.01
16.0	1147	6.0			0.89	7.3		8.6	8.2	91		0.16	15		25.57	12.80	19.13
16.0	1147	7.0			0.86	6.9		8.6	8.2	91		0.17	16		25.63	12.79	19.18
16.0	1147	8.0			0.84	6.6		8.6	8.2	91		0.19	16		25.66	12.78	19.21
16.0	1147	9.0			0.86	6.9		8.6	8.2	91		0.20	17		25.73	12.77	19.26
16.0	1147	10.0			0.90	7.4		8.6	8.2	91		0.22	18		25.76	12.76	19.30
16.0	1147	11.0			0.94	7.8		8.6	8.2	92		0.24	19		25.77	12.76	19.30
16.0	1147	12.0			0.95	8.0		8.7	8.2	92		0.24	19		25.77	12.76	19.30
16.0	1147	13.0			0.95	8.0		8.7	8.3	92		0.25	20		25.77	12.76	19.30
16.0	1147	14.0			0.94	7.8		8.7	8.3	92		0.25	20		25.77	12.76	19.30
16.0	1147	15.0			0.93	7.7		8.7	8.3	92		0.27	21		25.77	12.76	19.30
17.0	1129	1.0			0.61	4.0		8.5	8.1	90		0.07	10	1.1	20.61	13.95	15.11
17.0	1129	2.0			0.71	5.1		8.4	8.1	89		0.08	11		22.38	13.44	16.56
17.0	1129	3.0			0.80	6.2		8.5	8.1	89		0.09	12		24.28	12.96	18.11
17.0	1129	4.0			0.88	7.1		8.5	8.1	90		0.12	13		24.81	12.90	18.53
17.0	1129	5.0			0.94	7.8		8.5	8.1	90		0.14	14		25.10	12.86	18.77
17.0	1129	6.0			0.89	7.3		8.5	8.1	90		0.15	15		25.53	12.81	19.11
17.0	1129	7.0			0.87	7.0		8.5	8.1	90		0.15	15		26.26	12.71	19.68
17.0	1129	8.0			0.94	7.9		8.5	8.1	91		0.15	15		26.83	12.62	20.14
17.0	1129	9.0			1.01	8.7		8.6	8.2	91		0.19	17		27.02	12.59	20.29
17.0	1129	10.0			1.07	9.3		8.6	8.2	91		0.23	19		27.06	12.59	20.33
17.0	1129	11.0			1.19	10.8		8.6	8.2	92		0.25	20		27.08	12.58	20.34
17.0	1129	12.0			1.33	12.4		8.6	8.2	92		0.34	24		27.08	12.58	20.34
17.0	1129	13.0			1.46	13.9		8.6	8.2	92		0.37	26		27.08	12.58	20.34
17.0	1129	14.0			1.52	14.6		8.6	8.2	92		0.39	27		27.08	12.58	20.34
17.0	1129	15.0			1.50	14.4		8.7	8.2	92		0.43	29		27.03	12.59	20.30
18.0	1103	1.0			0.67	4.7		9.0	8.6	96		0.03	9	0.8	27.47	12.65	20.63
18.0	1103	2.0	7.1	0.71	0.71	5.2	8.5	9.0	8.5	95	7.8	0.04	9		27.54	12.61	20.69
18.0	1103	3.0			0.77	5.8		9.0	8.5	95		0.04	9		27.60	12.57	20.75
18.0	1103	4.0			0.88	7.1		9.0	8.5	95		0.05	10		27.73	12.47	20.86
18.0	1103	5.0			0.95	7.9		9.0	8.5	95		0.07	10		27.80	12.43	20.92
18.0	1103	6.0			0.93	7.7		8.9	8.5	95		0.07	10		27.83	12.42	20.95
18.0	1103	7.0			0.99	8.4		8.9	8.5	95		0.07	11		27.85	12.42	20.97
18.0	1103	8.0			0.96	8.0		9.0	8.5	95		0.07	11		27.86	12.41	20.98
18.0	1103	9.0			0.89	7.2		9.0	8.5	95		0.08	11		27.87	12.41	20.98
18.0	1103	10.0			0.90	7.4		9.0	8.5	95		0.08	11		27.87	12.41	20.99
18.0	1103	11.0			0.92	7.6		9.0	8.5	95		0.08	11		27.89	12.40	21.00

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
18.0	1103	12.0			0.84	6.7		9.0	8.5	95		0.08	11		27.89	12.40	21.01
18.0	1103	13.0			0.81	6.3		9.0	8.5	95		0.07	11		27.89	12.40	21.01
18.0	1103	14.0			0.86	6.9		9.0	8.5	95		0.08	11		27.90	12.40	21.01
18.0	1103	15.0			0.89	7.2		9.0	8.5	95		0.08	11		27.90	12.40	21.01
18.0	1103	16.0			0.86	6.9		8.9	8.5	95		0.07	11		27.90	12.40	21.01
18.0	1103	17.0			0.85	6.8		8.9	8.5	95		0.07	11		27.91	12.39	21.02
18.0	1103	18.0			0.89	7.3		8.9	8.5	95		0.08	11		27.91	12.40	21.02
18.0	1103	19.0			0.91	7.5		8.9	8.5	95		0.07	11		27.90	12.40	21.01
18.0	1103	20.0			0.99	8.5		8.9	8.5	94		0.07	11		27.95	12.38	21.05
18.0	1103	21.0			1.00	8.6		8.9	8.5	95		0.08	11		28.12	12.34	21.19
18.0	1103	22.0			0.99	8.4		8.9	8.4	94		0.08	11		28.18	12.33	21.24
18.0	1103	23.0			1.03	8.9		8.9	8.4	94		0.08	11		28.21	12.33	21.26
18.0	1103	24.0			0.97	8.2		8.9	8.5	95		0.09	11		28.36	12.31	21.38
18.0	1103	25.0			0.92	7.6		8.9	8.5	94		0.09	12		28.32	12.31	21.35
18.0	1103	26.0			0.99	8.4		8.9	8.5	95		0.09	11		28.36	12.31	21.38
18.0	1103	27.0			1.01	8.7		8.9	8.5	95		0.09	12		28.45	12.30	21.45
18.0	1103	28.0			0.98	8.4		8.9	8.5	95		0.09	11		28.52	12.29	21.51
18.0	1103	29.0			1.01	8.6		8.9	8.5	95		0.10	12		28.49	12.29	21.49
18.0	1103	30.0			1.06	9.2		8.9	8.5	95		0.10	12		28.50	12.29	21.50
18.0	1103	31.0			1.24	11.4		8.9	8.5	95		0.10	12		28.56	12.28	21.54
18.0	1103	32.0			1.39	13.1		8.9	8.5	95		0.11	13		28.69	12.27	21.65
18.0	1103	33.0			1.34	12.5		8.9	8.5	95		0.13	13		28.69	12.27	21.65
18.0	1103	34.0			1.23	11.3		8.9	8.5	95		0.13	13		28.69	12.27	21.65
18.0	1103	35.0			1.24	11.3		9.0	8.5	95		0.13	13		28.69	12.27	21.65
18.0	1103	36.0			1.25	11.4		8.9	8.5	95		0.13	14		28.69	12.27	21.65
18.0	1103	37.0			1.18	10.6		9.0	8.5	95		0.13	14		28.68	12.27	21.64
18.0	1103	38.0			1.12	9.9		8.9	8.5	95		0.13	14		28.69	12.27	21.64
18.0	1103	39.0			1.07	9.4		9.0	8.5	95		0.14	14		28.69	12.26	21.65
18.0	1103	40.0			1.13	10.1		9.0	8.5	95		0.14	14		28.69	12.26	21.65
18.0	1103	41.0			1.20	10.8		8.9	8.5	95		0.14	14		28.69	12.26	21.65
18.0	1103	42.0			1.18	10.7		9.0	8.5	95		0.13	14		28.69	12.26	21.65
20.0	1044	1.0			0.80	6.2		9.0	8.5	95		0.10	12	1.0	24.16	13.12	17.99
20.0	1044	2.0			0.81	6.3		9.0	8.5	95		0.10	12		24.95	12.96	18.63
20.0	1044	3.0			0.78	6.0		8.9	8.5	94		0.09	12		25.47	12.86	19.05
20.0	1044	4.0			0.77	5.9		8.9	8.4	94		0.09	11		25.82	12.79	19.33
20.0	1044	5.0			0.85	6.8		8.8	8.4	93		0.09	12		26.25	12.70	19.68
20.0	1044	6.0			0.90	7.4		8.8	8.4	93		0.10	12		26.70	12.63	20.05
20.0	1044	7.0			0.91	7.4		8.8	8.4	93		0.12	13		27.08	12.57	20.34
20.0	1044	8.0			0.94	7.8		8.8	8.4	94		0.14	14		27.14	12.56	20.40
20.0	1044	9.0			0.95	8.0		8.8	8.4	94		0.17	15		27.18	12.55	20.43
20.0	1044	10.0			1.00	8.5		8.9	8.4	94		0.18	16		27.22	12.54	20.46
20.0	1044	11.0			1.02	8.8		8.9	8.4	94		0.19	17		27.25	12.54	20.48

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
20.0	1044	12.0			0.96	8.1		8.9	8.4	94		0.21	18		27.25	12.54	20.48
20.0	1044	13.0			1.01	8.6		8.9	8.4	94		0.21	18		27.27	12.53	20.50
20.0	1044	14.0			1.05	9.1		8.9	8.4	94		0.21	18		27.36	12.52	20.58
20.0	1044	15.0			1.01	8.6		8.9	8.5	94		0.22	18		27.40	12.51	20.60
20.0	1044	16.0			1.01	8.6		8.9	8.5	94		0.21	18		27.39	12.51	20.60
20.0	1044	17.0			1.02	8.8		8.9	8.5	94		0.20	17		27.38	12.52	20.58
20.0	1044	18.0			1.01	8.7		8.9	8.5	94		0.21	18		27.39	12.51	20.59
20.0	1044	19.0			1.02	8.7		8.9	8.5	94		0.20	17		27.39	12.51	20.60
20.0	1044	20.0			1.05	9.2		8.9	8.5	94		0.20	17		27.42	12.51	20.62
20.0	1044	21.0			1.09	9.5		8.9	8.5	94		0.19	17		27.55	12.48	20.73
20.0	1044	22.0			1.17	10.6		8.9	8.5	95		0.18	16		27.60	12.47	20.77
20.0	1044	23.0			1.24	11.3		8.9	8.5	95		0.17	16		27.61	12.47	20.77
20.0	1044	24.0			1.17	10.5		8.9	8.5	95		0.17	16		27.61	12.47	20.77
20.0	1044	25.0			1.12	10.0		8.9	8.5	95		0.17	16		27.62	12.47	20.78
20.0	1044	26.0			1.15	10.3		8.9	8.5	95		0.18	16		27.62	12.47	20.78
20.0	1044	27.0			1.15	10.3		8.9	8.5	95		0.18	16		27.62	12.47	20.78

	n	r^2	Slope	Inter.	Std. Err.
Fluorometer Calibration:	15	0.906	11.718	-3.182	0.901
OBS Calibration:	8	0.981	52.077	6.804	1.621
Dissolved Oxygen Calibration:	8	0.960	0.844	0.937	0.142

SeaBird v4.026

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
36.0	0625	1.0			1.58	20.0		7.9	7.2	75		2.11	140	6.7	7.13	15.32	4.53
36.0	0625	2.0	12.9	0.66	1.56	19.9	7.1	8.0	7.2	76	141.6	2.15	142		8.14	15.33	5.31
36.0	0625	3.0			1.64	20.9		8.0	7.3	77		2.52	165		9.57	15.25	6.41
36.0	0625	4.0			1.68	21.5		8.2	7.5	79		3.29	213		10.27	15.21	6.96
36.0	0625	5.0			1.64	21.0		8.1	7.4	79		4.76	304		10.78	15.32	7.32
36.0	0625	6.0	15.7	0.46	1.64	20.9		8.1	7.4	79		5.87	373		11.01	15.27	7.51
34.0	0647	1.0			1.50	19.0		8.5	7.8	85		1.55	105	4.8	12.03	15.44	8.26
34.0	0647	2.0			1.56	19.8		8.4	7.8	85		1.85	123		12.21	15.45	8.40
34.0	0647	3.0			1.58	20.0		8.5	7.8	85		2.13	141		12.31	15.45	8.48
34.0	0647	4.0			1.55	19.7		8.3	7.7	83		2.31	152		12.36	15.48	8.50
34.0	0647	5.0			1.56	19.8		8.4	7.7	84		2.47	162		12.51	15.37	8.64
34.0	0647	6.0			1.57	19.9		8.5	7.9	85		2.79	181		12.89	15.12	8.97
32.0	0709	1.0			1.45	18.2		8.9	8.4	92		0.74	54	3.9	14.79	15.31	10.39
32.0	0709	2.0	18.5	0.84	1.44	18.2	8.4	8.9	8.4	92	53.4	0.70	52		14.79	15.31	10.40
32.0	0709	3.0			1.45	18.3		8.8	8.3	90		0.71	52		14.80	15.29	10.41
32.0	0709	4.0			1.53	19.5		8.8	8.2	90		0.82	59		14.85	15.20	10.46
32.0	0709	5.0			1.58	20.2		8.9	8.3	91		1.09	76		14.89	15.13	10.51
32.0	0709	6.0			1.58	20.1		8.9	8.4	91		1.23	85		15.07	15.17	10.63
32.0	0709	7.0			1.66	21.2		8.9	8.4	92		1.43	97		15.15	15.23	10.68
32.0	0709	8.0			1.75	22.4		8.8	8.3	91		1.51	102		15.22	15.30	10.73
32.0	0709	9.0			1.83	23.6		8.8	8.2	90		1.61	108		15.26	15.19	10.77
32.0	0709	10.0			1.97	25.6		8.8	8.3	90		2.03	134		15.23	15.05	10.78
32.0	0709	11.0	26.8	0.65	1.99	25.9		8.9	8.4	91		2.31	152		15.21	14.98	10.78
30.0	0741	1.0			2.04	26.6		9.5	9.1	100		0.44	35	3.3	16.24	15.14	11.53
30.0	0741	2.0	26.0	0.83	2.08	27.2	8.8	9.5	9.2	101		0.45	36		16.48	15.04	11.74
30.0	0741	3.0			2.10	27.4		9.5	9.2	101		0.45	36		16.53	15.02	11.78
30.0	0741	4.0			2.24	29.3		9.6	9.2	102		0.47	37		16.59	14.96	11.84
30.0	0741	5.0			2.47	32.6		9.8	9.5	104		0.50	39		16.76	14.82	11.99
30.0	0741	6.0			2.66	35.3		9.8	9.6	105		0.56	43		16.77	14.81	12.00
30.0	0741	7.0			2.68	35.5		9.8	9.6	105		0.60	45		16.77	14.82	12.00
30.0	0741	8.0			2.59	34.3		9.8	9.5	104		0.65	49		16.80	14.84	12.02
30.0	0741	9.0			2.63	34.8		9.8	9.5	104		0.70	51		16.85	14.82	12.06
30.0	0741	10.0			2.78	36.9		9.8	9.5	105		0.74	54		16.99	14.75	12.18
30.0	0741	11.0	34.2	0.78	2.80	37.2		9.8	9.5	105		0.86	62		17.29	14.74	12.41
29.0	0807	1.0			2.24	29.3		10.1	9.9	109		0.30	27	2.1	17.52	14.82	12.58
29.0	0807	2.0			2.32	30.5		10.0	9.8	108	25.7	0.31	27		17.58	14.78	12.63
29.0	0807	3.0			2.32	30.5		10.0	9.8	108		0.33	29		17.66	14.73	12.70
29.0	0807	4.0			2.32	30.4		10.0	9.8	108		0.34	30		17.76	14.73	12.78
29.0	0807	5.0			2.37	31.2		10.0	9.7	107		0.36	31		17.82	14.77	12.82

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
29.0	0807	6.0			2.42	31.9		9.9	9.7	107		0.39	33		17.86	14.76	12.85
29.0	0807	7.0			2.47	32.5		10.0	9.7	107		0.42	35		17.97	14.72	12.94
29.0	0807	8.0			2.55	33.7		9.9	9.7	107		0.46	37		18.05	14.71	13.01
29.0	0807	9.0			2.57	34.0		9.9	9.6	106		0.50	39		18.17	14.69	13.10
29.0	0807	10.0			2.57	34.0		9.8	9.5	105		0.51	40		18.23	14.68	13.14
29.0	0807	11.0			2.75	36.5		9.7	9.5	104		0.51	40		18.32	14.64	13.22
29.0	0807	12.0			2.93	39.0		9.7	9.4	104		0.57	44		18.40	14.61	13.29
29.0	0807	13.0			3.02	40.2		9.7	9.4	104		0.75	55		18.43	14.60	13.32
29.0	0807	14.0			3.03	40.4		9.7	9.4	104		0.94	67		18.44	14.60	13.32
29.0	0807	15.0			3.01	40.1		9.7	9.4	104		1.24	85		18.44	14.60	13.32
27.0	0835	1.0			2.22	29.0		10.9	10.9	120		0.18	20	2.0	17.67	14.69	12.72
27.0	0835	2.0	36.6	0.84	2.31	30.3	10.0	10.4	10.3	114		0.20	21		18.23	14.67	13.15
27.0	0835	3.0			2.33	30.7		10.1	10.0	110		0.22	22		18.55	14.58	13.41
27.0	0835	4.0			2.26	29.6		10.1	9.9	109		0.22	22		18.71	14.50	13.55
27.0	0835	5.0			2.21	28.9		10.0	9.8	108		0.24	23		18.71	14.50	13.55
27.0	0835	6.0			2.28	29.9		10.0	9.8	108		0.25	24		18.74	14.48	13.58
27.0	0835	7.0			2.37	31.2		10.0	9.8	108		0.27	25		18.75	14.47	13.58
27.0	0835	8.0			2.44	32.1		9.9	9.7	107		0.26	24		18.77	14.44	13.60
27.0	0835	9.0			2.57	34.0		9.9	9.7	106		0.40	33		18.92	14.38	13.73
27.0	0835	10.0			2.67	35.4		9.9	9.6	106		0.56	43		18.98	14.37	13.78
27.0	0835	11.0			2.76	36.7		9.8	9.6	106		0.66	49		19.02	14.36	13.81
27.0	0835	12.0	36.3	0.75	2.79	37.1		9.8	9.6	106		0.76	55		19.06	14.35	13.84
25.0	0904	1.0			2.02	26.2		10.2	10.1	112		0.35	30	2.2	20.86	13.93	15.30
25.0	0904	2.0			2.01	26.2		10.3	10.1	112	32.1	0.34	30		20.86	13.93	15.30
25.0	0904	3.0			2.01	26.2		10.2	10.1	112		0.34	30		20.86	13.93	15.30
25.0	0904	4.0			2.04	26.5		10.2	10.1	112		0.34	29		20.86	13.93	15.30
25.0	0904	5.0			2.04	26.6		10.3	10.1	112		0.34	30		20.86	13.93	15.30
25.0	0904	6.0			2.02	26.3		10.2	10.1	112		0.34	29		20.86	13.93	15.30
25.0	0904	7.0			2.06	26.8		10.2	10.1	112		0.35	30		20.86	13.93	15.30
25.0	0904	8.0			2.08	27.1		10.2	10.1	112		0.35	30		20.86	13.93	15.31
24.0	0925	1.0			1.81	23.4		10.2	10.0	111		0.12	16	1.7	19.42	14.56	14.08
24.0	0925	2.0	29.6	0.66	1.72	22.1	10.3	9.9	9.6	106		0.24	23		21.14	13.79	15.55
24.0	0925	3.0			1.43	18.0		9.7	9.4	103		0.25	23		21.76	13.57	16.06
24.0	0925	4.0			1.31	16.3		9.6	9.3	102		0.28	26		21.82	13.53	16.11
24.0	0925	5.0			1.25	15.5		9.6	9.3	103		0.30	27		21.89	13.51	16.17
24.0	0925	6.0			1.21	14.9		9.6	9.3	103		0.34	29		21.91	13.50	16.18
24.0	0925	7.0			1.23	15.2		9.6	9.3	103		0.36	31		21.91	13.50	16.19
24.0	0925	8.0			1.27	15.7		9.6	9.3	103		0.38	32		21.92	13.49	16.20
24.0	0925	9.0			1.29	16.1		9.6	9.3	102		0.39	33		21.93	13.49	16.21
24.0	0925	10.0			1.34	16.7		9.6	9.3	102		0.42	34		21.94	13.49	16.21

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
24.0	0925	11.0	18.9	0.68	1.33	16.6		9.6	9.3	103		0.42	34		21.94	13.48	16.22
22.0	1001	1.0			0.83	9.6		8.8	8.3	91		0.18	20	1.7	22.23	13.34	16.47
22.0	1001	2.0			0.84	9.8		8.8	8.3	91	18.5	0.20	20		22.23	13.36	16.46
22.0	1001	3.0			0.84	9.7		8.8	8.2	91		0.20	21		22.24	13.35	16.47
22.0	1001	4.0			0.87	10.1		8.7	8.2	90		0.20	21		22.27	13.28	16.51
22.0	1001	5.0			0.96	11.5		8.7	8.1	89		0.25	24		22.48	13.20	16.68
22.0	1001	6.0			1.09	13.2		8.7	8.1	89		0.32	28		22.75	13.16	16.90
22.0	1001	7.0			1.13	13.8		8.7	8.1	89		0.42	34		22.82	13.15	16.95
22.0	1001	8.0			1.16	14.2		8.7	8.1	89		0.50	39		22.84	13.15	16.97
22.0	1001	9.0			1.18	14.5		8.7	8.1	89		0.52	41		22.83	13.15	16.96
22.0	1001	10.0			1.24	15.3		8.7	8.1	89		0.55	43		22.86	13.15	16.98
22.0	1001	11.0			1.28	15.9		8.7	8.1	89		0.56	43		22.95	13.14	17.06
22.0	1001	12.0			1.30	16.1		8.7	8.1	89		0.61	46		22.94	13.14	17.05
22.0	1001	13.0			1.36	17.0		8.7	8.1	90		0.65	49		22.94	13.14	17.05
22.0	1001	14.0			1.38	17.3		8.7	8.1	89		0.72	53		22.95	13.14	17.06
22.0	1001	15.0			1.36	17.0		8.7	8.1	89		0.76	55		23.00	13.13	17.10
22.0	1001	16.0			1.36	17.0		8.7	8.1	89		0.73	54		23.03	13.13	17.12
22.0	1001	17.0			1.37	17.1		8.7	8.1	89		0.76	55		23.04	13.13	17.13
22.0	1001	18.0			1.35	16.9		8.7	8.1	89		0.78	57		23.04	13.13	17.13
22.0	1001	19.0			1.40	17.7		8.7	8.1	89		0.77	56		23.05	13.13	17.14
22.0	1001	20.0			1.43	18.0		8.7	8.1	89		0.80	58		23.07	13.13	17.15
21.0	1021	1.0			1.16	14.3		9.0	8.5	94		0.25	24	2.0	22.57	13.45	16.71
21.0	1021	2.0	14.8	0.74	1.18	14.6	8.6	8.9	8.4	93		0.25	23		22.66	13.35	16.80
21.0	1021	3.0			1.17	14.3		8.9	8.3	92		0.26	25		22.98	13.22	17.06
21.0	1021	4.0			1.08	13.1		8.8	8.2	91		0.30	27		23.25	13.17	17.28
21.0	1021	5.0			1.02	12.3		8.8	8.2	91		0.32	28		23.76	13.07	17.69
21.0	1021	6.0			1.00	11.9		8.7	8.2	91		0.28	26		23.94	13.04	17.84
21.0	1021	7.0			0.95	11.3		8.7	8.1	90		0.28	26		24.05	13.01	17.93
21.0	1021	8.0			0.92	10.9		8.7	8.2	90		0.25	24		24.49	12.93	18.28
21.0	1021	9.0			0.93	11.0		8.7	8.1	90		0.26	24		24.69	12.90	18.44
21.0	1021	10.0			0.96	11.4		8.7	8.1	90		0.26	24		24.90	12.87	18.61
21.0	1021	11.0			0.99	11.9		8.7	8.1	90		0.31	28		25.03	12.85	18.71
21.0	1021	12.0			1.06	12.9		8.7	8.1	90		0.36	30		25.08	12.85	18.75
21.0	1021	13.0			1.13	13.8		8.7	8.1	90		0.40	33		25.13	12.84	18.79
21.0	1021	14.0			1.23	15.1		8.7	8.1	90		0.49	39		25.20	12.82	18.85
21.0	1021	15.0			1.31	16.3		8.7	8.1	90		0.55	42		25.24	12.82	18.88
21.0	1021	16.0			1.27	15.7		8.7	8.1	90		0.57	44		25.24	12.82	18.88
21.0	1021	17.0			1.21	15.0		8.7	8.1	90		0.58	44		25.23	12.82	18.87
21.0	1021	18.0			1.21	14.9		8.7	8.1	90		0.61	46		25.23	12.82	18.87
21.0	1021	19.0	14.7	0.56	1.22	15.1		8.7	8.1	90		0.61	46		25.23	12.82	18.87

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

	n	r^2	Slope	Inter.	Std. Err.
Fluorometer Calibration:	12	0.784	14.014	-2.037	4.345
OBS Calibration:	5	0.998	62.214	8.178	2.263
Dissolved Oxygen Calibration:	6	0.891	1.270	-2.899	0.427

SeaBird v4.026

South San Francisco Bay April 18, 1996 96109

STN	TIME	DEPTH	DISCR CHL a	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	1305	1.0			2.33	36.2		7.9	8.4	94		3.30	231	8.8	16.64	15.49	11.78
36.0	1305	2.0	37.6	0.71	2.42	37.8	7.9	7.9	8.4	94	232.2	3.31	231		16.67	15.48	11.80
36.0	1305	3.0			2.40	37.5		7.9	8.4	94		3.33	232		16.72	15.48	11.84
36.0	1305	4.0			2.40	37.4		7.9	8.4	94		3.38	236		16.74	15.48	11.85
36.0	1305	5.0			2.41	37.7		7.9	8.4	94		3.48	243		16.78	15.48	11.88
36.0	1305	6.0			2.43	38.1		7.9	8.4	94		3.67	256		16.78	15.47	11.89
36.0	1305	7.0			2.41	37.6		7.9	8.4	94		3.91	273		16.78	15.46	11.89
36.0	1305	8.0	38.5	0.49	2.38	37.1		7.9	8.4	93		4.42	308		16.78	15.45	11.89
35.0	1255	1.0			1.88	27.8		8.0	8.5	95		2.88	201	8.7	17.40	15.52	12.35
35.0	1255	2.0			1.90	28.2		8.0	8.5	95		2.87	201		17.40	15.53	12.35
35.0	1255	3.0			1.93	28.8		8.0	8.5	95		2.90	203		17.40	15.53	12.35
35.0	1255	4.0			1.96	29.3		8.0	8.5	95		2.89	203		17.40	15.51	12.35
35.0	1255	5.0			1.95	29.2		8.0	8.5	95		2.94	206		17.34	15.46	12.32
35.0	1255	6.0			1.97	29.6		8.0	8.5	94		3.15	220		17.37	15.47	12.34
35.0	1255	7.0			2.06	31.1		8.0	8.5	94		3.61	252		17.36	15.45	12.33
35.0	1255	8.0			2.07	31.4		8.0	8.5	95		3.93	274		17.36	15.45	12.34
34.0	1245	1.0			1.85	27.3		8.0	8.5	95		2.29	161	6.0	17.72	15.46	12.61
34.0	1245	2.0			1.88	27.9		8.0	8.5	95		2.59	182		17.73	15.46	12.61
34.0	1245	3.0			1.92	28.5		8.0	8.5	95		2.77	194		17.73	15.45	12.62
34.0	1245	4.0			1.89	28.0		8.0	8.5	95		3.04	213		17.73	15.45	12.62
34.0	1245	5.0			1.92	28.5		8.0	8.5	95		3.20	224		17.74	15.46	12.62
34.0	1245	6.0			1.92	28.6		8.0	8.5	95		3.82	266		17.74	15.46	12.62
34.0	1245	7.0			1.90	28.3		8.0	8.5	95		4.22	294		17.74	15.46	12.62
34.0	1245	8.0			1.95	29.1		7.9	8.4	94		5.63	392		17.72	15.46	12.61
34.0	1245	9.0			1.95	29.1		8.0	8.5	95		6.84	475		17.71	15.45	12.60
33.0	1233	1.0			1.53	21.4		8.6	8.8	100		0.37	28	2.2	18.00	15.71	12.77
33.0	1233	2.0			1.56	21.9		8.5	8.8	99		0.33	25		17.99	15.69	12.77
33.0	1233	3.0			1.51	21.0		8.4	8.7	98		0.32	25		18.02	15.63	12.81
33.0	1233	4.0			1.38	18.5		8.2	8.6	97		0.33	25		18.42	15.51	13.14
33.0	1233	5.0			1.28	16.7		8.1	8.5	96		0.41	31		18.75	15.44	13.40
33.0	1233	6.0			1.25	16.1		8.0	8.5	96		0.67	49		18.78	15.43	13.43
33.0	1233	7.0			1.29	16.9		8.0	8.5	95		1.46	104		18.79	15.42	13.43
33.0	1233	8.0			1.34	17.9		8.0	8.5	95		1.88	133		18.79	15.41	13.44
33.0	1233	9.0			1.38	18.6		7.9	8.4	95		2.14	151		18.78	15.40	13.43
33.0	1233	10.0			1.40	19.0		7.9	8.4	95		2.56	179		18.78	15.38	13.43
33.0	1233	11.0			1.43	19.4		7.9	8.4	95		3.05	213		18.77	15.36	13.43
33.0	1233	12.0			1.45	19.9		7.9	8.4	95		3.54	247		18.76	15.36	13.43
33.0	1233	13.0			1.44	19.7		7.9	8.4	95		4.09	285		18.75	15.36	13.42

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
32.0	1226	1.0			0.99	11.4		8.7	8.9	101		0.33	26	2.3	18.32	16.08	12.94
32.0	1226	2.0	12.4	0.88	1.00	11.5	9.0	8.3	8.7	99	16.4	0.32	25		18.26	16.18	12.88
32.0	1226	3.0			1.04	12.2		8.2	8.6	97		0.32	25		18.43	15.82	13.08
32.0	1226	4.0			1.11	13.6		8.1	8.5	96		0.45	34		18.56	15.57	13.23
32.0	1226	5.0			1.23	15.8		8.0	8.5	96		0.89	65		18.64	15.51	13.30
32.0	1226	6.0			1.36	18.1		8.0	8.5	96		1.33	94		18.63	15.51	13.30
32.0	1226	7.0			1.35	18.1		8.0	8.5	96		1.58	112		18.65	15.50	13.32
32.0	1226	8.0			1.28	16.7		8.0	8.5	96		1.60	113		18.65	15.50	13.31
32.0	1226	9.0			1.26	16.3		8.0	8.5	96		1.63	115		18.66	15.50	13.32
32.0	1226	10.0			1.28	16.7		8.0	8.5	96		1.70	120		18.67	15.49	13.33
32.0	1226	11.0			1.33	17.7		8.0	8.5	96		2.20	155		18.70	15.49	13.35
32.0	1226	12.0	15.8	0.50	1.34	17.8		8.0	8.5	96		2.44	171		18.70	15.49	13.35
31.0	1215	1.0			0.84	8.6		8.1	8.6	98		0.14	13	1.6	18.49	16.53	12.98
31.0	1215	2.0			0.93	10.2		8.1	8.6	97		0.16	14		18.86	15.77	13.42
31.0	1215	3.0			0.99	11.3		8.1	8.5	96		0.22	18		19.00	15.69	13.54
31.0	1215	4.0			0.97	11.0		8.0	8.5	96		0.56	41		19.09	15.64	13.62
31.0	1215	5.0			0.95	10.7		8.0	8.5	96		0.88	64		19.14	15.61	13.67
31.0	1215	6.0			1.00	11.6		8.0	8.5	96		1.32	94		19.18	15.60	13.70
31.0	1215	7.0			1.08	13.0		8.0	8.5	96		1.52	108		19.18	15.60	13.70
31.0	1215	8.0			1.09	13.1		8.0	8.5	96		1.58	112		19.19	15.60	13.71
31.0	1215	9.0			1.07	12.8		8.0	8.5	96		1.54	109		19.19	15.60	13.70
31.0	1215	10.0			1.07	12.8		8.0	8.5	96		1.60	113		19.19	15.60	13.71
31.0	1215	11.0			1.05	12.5		8.0	8.5	96		1.69	119		19.20	15.60	13.72
31.0	1215	12.0			1.06	12.7		8.0	8.5	96		2.02	143		19.21	15.60	13.72
31.0	1215	13.0			1.10	13.5		8.0	8.5	96		2.08	146		19.22	15.61	13.73
31.0	1215	14.0			1.11	13.5		8.0	8.5	96		2.66	187		19.22	15.61	13.73
30.0	1202	1.0			0.57	3.6		7.7	8.3	95		0.12	11	1.5	19.50	16.09	13.85
30.0	1202	2.0	5.4	0.79	0.61	4.3	8.4	7.6	8.2	94	12.7	0.19	16		19.60	15.82	13.98
30.0	1202	3.0			0.65	5.1		7.6	8.3	94		0.29	23		19.65	15.62	14.06
30.0	1202	4.0			0.69	5.7		7.7	8.3	94		0.41	31		19.67	15.56	14.08
30.0	1202	5.0			0.73	6.5		7.7	8.3	94		0.57	42		19.67	15.53	14.09
30.0	1202	6.0			0.76	7.1		7.7	8.3	94		0.66	48		19.68	15.51	14.10
30.0	1202	7.0			0.78	7.4		7.7	8.3	94		0.85	62		19.68	15.51	14.10
30.0	1202	8.0			0.81	8.0		7.7	8.3	94		0.92	66		19.68	15.51	14.10
30.0	1202	9.0			0.84	8.6		7.7	8.3	94		1.15	82		19.68	15.51	14.10
30.0	1202	10.0			0.85	8.7		7.7	8.3	94		1.18	84		19.68	15.51	14.10
30.0	1202	11.0			0.85	8.7		7.7	8.3	94		1.46	104		19.68	15.52	14.10
30.0	1202	12.0			0.88	9.3		7.7	8.3	94		1.83	129		19.68	15.52	14.10
30.0	1202	13.0			0.89	9.4		7.7	8.3	94		1.92	135		19.68	15.52	14.10
30.0	1202	14.0	8.2	0.37	0.87	9.1		7.8	8.3	94		3.24	227		19.67	15.53	14.09

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
29.5	1146	1.0			0.62	4.5		8.0	8.5	96		0.16	14	1.1	19.90	15.49	14.28
29.5	1146	2.0			0.62	4.5		8.0	8.5	97		0.18	15		19.91	15.45	14.29
29.5	1146	3.0			0.65	5.1		8.0	8.5	96		0.29	23		19.92	15.43	14.30
29.5	1146	4.0			0.65	5.0		8.0	8.5	96		0.39	30		19.92	15.43	14.30
29.5	1146	5.0			0.64	4.7		8.0	8.5	96		0.40	31		19.92	15.43	14.30
29.5	1146	6.0			0.66	5.2		8.0	8.5	96		0.38	29		19.92	15.43	14.30
29.5	1146	7.0			0.69	5.8		8.0	8.5	96		0.41	31		19.93	15.42	14.31
29.5	1146	8.0			0.71	6.1		8.0	8.5	96		0.44	33		19.93	15.42	14.31
29.5	1146	9.0			0.72	6.3		8.0	8.5	96		0.56	41		19.93	15.42	14.31
29.5	1146	10.0			0.73	6.5		8.0	8.5	96		0.73	53		19.92	15.42	14.30
29.5	1146	11.0			0.75	6.9		8.0	8.5	96		0.89	64		19.92	15.42	14.30
29.5	1146	12.0			0.74	6.6		8.0	8.5	96		1.10	79		19.92	15.41	14.31
29.5	1146	13.0			0.74	6.7		8.0	8.5	96		1.07	77		19.92	15.41	14.31
29.5	1146	14.0			0.80	7.8		8.0	8.5	96		1.16	83		19.92	15.42	14.30
29.5	1146	15.0			0.80	7.9		8.0	8.5	96		1.42	101		19.92	15.42	14.30
29.0	1136	1.0			0.48	1.9		7.7	8.3	95		0.09	9	1.2	19.74	16.18	14.02
29.0	1136	2.0			0.51	2.4		7.8	8.4	96		0.09	9		19.84	15.91	14.15
29.0	1136	3.0			0.51	2.5		7.9	8.4	96		0.09	9		19.86	15.87	14.16
29.0	1136	4.0			0.52	2.7		7.8	8.3	95		0.10	10		19.87	15.84	14.18
29.0	1136	5.0			0.54	3.0		7.7	8.3	95		0.14	13		19.99	15.65	14.31
29.0	1136	6.0			0.56	3.3		7.7	8.3	95		0.22	18		20.16	15.51	14.47
29.0	1136	7.0			0.57	3.6		7.8	8.3	95		0.28	22		20.20	15.47	14.51
29.0	1136	8.0			0.60	4.2		7.8	8.4	95		0.31	24		20.21	15.46	14.52
29.0	1136	9.0			0.63	4.7		7.8	8.4	95		0.31	24		20.21	15.46	14.52
29.0	1136	10.0			0.63	4.6		7.8	8.4	95		0.33	25		20.21	15.46	14.52
29.0	1136	11.0			0.63	4.6		7.8	8.4	95		0.32	25		20.22	15.45	14.52
29.0	1136	12.0			0.63	4.7		7.8	8.4	95		0.34	26		20.24	15.44	14.54
29.0	1136	13.0			0.63	4.7		7.8	8.4	95		0.38	29		20.24	15.44	14.54
29.0	1136	14.0			0.63	4.7		7.8	8.4	95		0.45	34		20.25	15.43	14.55
29.0	1136	15.0			0.63	4.6		7.8	8.4	95		0.53	39		20.25	15.43	14.56
28.0	1123	1.0			0.50	2.2		7.9	8.4	97		0.17	15	1.3	19.89	15.89	14.18
28.0	1123	2.0			0.53	2.8		7.9	8.4	96		0.12	11		19.95	15.68	14.27
28.0	1123	3.0			0.57	3.5		7.9	8.4	96		0.17	15		20.03	15.53	14.36
28.0	1123	4.0			0.60	4.1		7.9	8.4	96		0.24	19		20.06	15.48	14.40
28.0	1123	5.0			0.63	4.7		7.9	8.4	96		0.26	21		20.09	15.47	14.42
28.0	1123	6.0			0.65	5.0		7.9	8.4	96		0.27	21		20.09	15.46	14.43
28.0	1123	7.0			0.65	5.0		7.9	8.4	96		0.27	22		20.12	15.42	14.46
28.0	1123	8.0			0.62	4.5		7.9	8.5	96		0.30	23		20.16	15.37	14.49
28.0	1123	9.0			0.64	4.9		8.0	8.5	96		0.36	28		20.17	15.35	14.51
28.0	1123	10.0			0.73	6.6		8.0	8.5	96		0.54	40		20.18	15.34	14.51
28.0	1123	11.0			0.83	8.3		8.0	8.5	96		0.86	62		20.18	15.33	14.52

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28.0	1123	12.0			0.87	9.1		8.0	8.5	96		1.26	90		20.17	15.33	14.51
28.0	1123	13.0			0.95	10.6		8.0	8.5	96		1.51	107		20.17	15.33	14.51
28.0	1123	14.0			1.14	14.1		8.0	8.5	96		2.71	190		20.16	15.33	14.50
28.0	1123	15.0			1.15	14.3		8.0	8.5	96		4.54	317		20.15	15.33	14.49
27.0	1111	1.0			0.45	1.3		8.1	8.6	98		0.03	5	1.0	19.83	16.05	14.10
27.0	1111	2.0	3.7	0.73	0.47	1.7	8.6	8.2	8.6	99	6.4	0.05	6		20.04	15.90	14.30
27.0	1111	3.0			0.49	2.1		8.2	8.6	98		0.05	6		20.29	15.80	14.51
27.0	1111	4.0			0.50	2.3		8.1	8.5	98		0.09	9		20.45	15.62	14.67
27.0	1111	5.0			0.52	2.6		8.1	8.5	97		0.13	12		20.50	15.51	14.73
27.0	1111	6.0			0.56	3.3		8.1	8.5	97		0.27	21		20.54	15.43	14.78
27.0	1111	7.0			0.58	3.7		8.1	8.5	97		0.34	26		20.56	15.41	14.79
27.0	1111	8.0			0.60	4.2		8.1	8.5	97		0.44	33		20.57	15.38	14.81
27.0	1111	9.0			0.68	5.6		8.1	8.6	97		0.65	48		20.58	15.38	14.81
27.0	1111	10.0			0.75	6.9		8.1	8.6	97		0.87	63		20.57	15.37	14.81
27.0	1111	11.0			0.82	8.2		8.1	8.6	97		1.32	94		20.57	15.36	14.81
27.0	1111	12.0	5.6	0.35	0.82	8.3		8.1	8.6	97		1.77	125		20.56	15.36	14.80
26.0	1056	1.0			0.47	1.7		8.1	8.6	98		0.05	7	0.9	21.19	15.34	15.29
26.0	1056	2.0			0.49	2.0		8.1	8.6	98		0.05	6		21.20	15.32	15.30
26.0	1056	3.0			0.50	2.2		8.1	8.6	97		0.07	7		21.23	15.28	15.33
26.0	1056	4.0			0.52	2.6		8.1	8.6	97		0.09	9		21.24	15.23	15.35
26.0	1056	5.0			0.53	2.9		8.1	8.6	97		0.10	10		21.23	15.25	15.34
26.0	1056	6.0			0.54	3.0		8.1	8.6	98		0.10	10		21.24	15.24	15.35
26.0	1056	7.0			0.55	3.1		8.1	8.6	97		0.12	11		21.24	15.23	15.35
26.0	1056	8.0			0.59	3.9		8.1	8.6	97		0.19	16		21.24	15.20	15.35
26.0	1056	9.0			0.60	4.1		8.1	8.6	97		0.18	15		21.24	15.20	15.35
25.0	1042	1.0			0.54	2.9		8.2	8.6	98		0.26	21	1.3	22.15	14.76	16.14
25.0	1042	2.0			0.57	3.5		8.2	8.6	98		0.17	15		22.16	14.74	16.15
25.0	1042	3.0			0.60	4.0		8.2	8.6	98		0.20	17		22.16	14.74	16.15
25.0	1042	4.0			0.59	3.9		8.2	8.6	98		0.22	18		22.16	14.74	16.15
25.0	1042	5.0			0.60	4.1		8.2	8.6	98		0.23	19		22.16	14.74	16.15
25.0	1042	6.0			0.63	4.7		8.2	8.6	98		0.28	22		22.16	14.73	16.15
25.0	1042	7.0			0.69	5.8		8.2	8.6	98		0.35	27		22.16	14.73	16.15
25.0	1042	8.0			0.71	6.1		8.2	8.6	98		0.43	32		22.16	14.73	16.15
24.0	1028	1.0			0.67	5.4		8.1	8.5	97		0.07	7	1.2	20.36	15.38	14.65
24.0	1028	2.0	6.4	0.69	0.68	5.6	8.3	7.9	8.4	95	18.8	0.08	9		21.98	14.63	16.03
24.0	1028	3.0			0.70	6.0		7.8	8.4	94		0.14	12		22.79	14.36	16.71
24.0	1028	4.0			0.70	5.9		7.8	8.3	94		0.28	22		23.14	14.20	17.01
24.0	1028	5.0			0.69	5.8		7.8	8.3	94		0.45	34		23.23	14.17	17.08
24.0	1028	6.0			0.69	5.7		7.8	8.3	94		0.58	43		23.27	14.15	17.12

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24.0	1028	7.0			0.70	6.0		7.8	8.3	94		0.70	51		23.38	14.11	17.21
24.0	1028	8.0			0.73	6.5		7.8	8.4	94		0.75	55		23.38	14.10	17.21
24.0	1028	9.0			0.79	7.6		7.8	8.4	94		0.88	63		23.39	14.10	17.22
24.0	1028	10.0	6.7	0.43	0.79	7.7		7.9	8.4	95		0.89	64		23.39	14.10	17.22
23.0	1012	1.0			0.72	6.4		7.9	8.4	95		0.20	16	1.2	21.19	15.05	15.35
23.0	1012	2.0			0.69	5.7		7.7	8.3	94		0.15	13		21.84	14.75	15.91
23.0	1012	3.0			0.60	4.0		7.7	8.3	94		0.09	9		22.82	14.34	16.74
23.0	1012	4.0			0.55	3.2		7.7	8.3	93		0.08	9		23.20	14.18	17.06
23.0	1012	5.0			0.54	3.0		7.7	8.3	93		0.08	8		23.40	14.08	17.23
23.0	1012	6.0			0.57	3.6		7.7	8.3	93		0.16	14		23.48	14.06	17.30
23.0	1012	7.0			0.64	4.8		7.7	8.3	94		0.20	17		23.51	14.04	17.32
23.0	1012	8.0			0.70	6.0		7.7	8.3	94		0.47	35		23.54	14.03	17.34
23.0	1012	9.0			0.73	6.4		7.8	8.3	94		0.69	50		23.54	14.03	17.34
23.0	1012	10.0			0.73	6.6		7.8	8.3	94		0.85	61		23.53	14.03	17.34
23.0	1012	11.0			0.74	6.8		7.8	8.4	94		0.85	62		23.53	14.03	17.34
23.0	1012	12.0			0.79	7.6		7.8	8.4	94		0.84	61		23.53	14.03	17.34
23.0	1012	13.0			0.82	8.2		7.8	8.4	94		0.97	70		23.53	14.03	17.34
23.0	1012	14.0			0.81	7.9		7.8	8.4	94		1.04	74		23.53	14.03	17.33
22.0	0955	1.0			0.57	3.5		7.7	8.3	94		0.13	11	1.0	22.06	14.77	16.07
22.0	0955	2.0			0.58	3.7		7.7	8.3	93		0.10	10		22.76	14.41	16.67
22.0	0955	3.0			0.57	3.5		7.7	8.3	93		0.08	8		23.08	14.24	16.95
22.0	0955	4.0			0.55	3.3		7.6	8.3	93		0.07	8		23.20	14.19	17.05
22.0	0955	5.0			0.53	2.8		7.6	8.2	93		0.07	7		23.49	14.07	17.30
22.0	0955	6.0			0.53	2.8		7.5	8.2	92		0.06	7		23.67	13.99	17.45
22.0	0955	7.0			0.54	3.0		7.5	8.2	92		0.11	11		24.35	13.70	18.03
22.0	0955	8.0			0.56	3.4		7.5	8.2	92		0.24	19		24.50	13.65	18.15
22.0	0955	9.0			0.58	3.7		7.5	8.2	92		0.32	25		24.53	13.64	18.18
22.0	0955	10.0			0.58	3.7		7.5	8.2	92		0.33	25		24.53	13.64	18.18
22.0	0955	11.0			0.60	4.1		7.6	8.2	92		0.34	26		24.52	13.64	18.18
22.0	0955	12.0			0.63	4.7		7.6	8.2	92		0.37	28		24.53	13.64	18.18
22.0	0955	13.0			0.66	5.2		7.6	8.2	92		0.40	31		24.53	13.64	18.18
22.0	0955	14.0			0.65	5.0		7.6	8.2	92		0.46	35		24.53	13.64	18.18
22.0	0955	15.0			0.63	4.7		7.6	8.2	92		0.50	37		24.53	13.64	18.18
22.0	0955	16.0			0.64	4.9		7.6	8.2	92		0.50	38		24.53	13.64	18.18
22.0	0955	17.0			0.67	5.5		7.6	8.2	92		0.62	45		24.53	13.64	18.18
22.0	0955	18.0			0.68	5.6		7.6	8.2	92		0.74	54		24.53	13.64	18.18
21.0	0932	1.0			0.57	3.5		7.6	8.2	93		0.07	8	0.9	21.90	14.75	15.94
21.0	0932	2.0	4.1	0.75	0.59	3.9	8.3	7.5	8.2	92	7.6	0.07	7		22.93	14.35	16.82
21.0	0932	3.0			0.57	3.5		7.5	8.2	92		0.07	7		23.49	14.11	17.29
21.0	0932	4.0			0.56	3.3		7.5	8.2	92		0.07	7		23.66	14.02	17.44

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21.0	0932	5.0			0.54	3.1		7.5	8.2	92		0.08	8		23.75	13.96	17.52
21.0	0932	6.0			0.56	3.3		7.5	8.2	92		0.07	8		23.77	13.95	17.54
21.0	0932	7.0			0.54	3.1		7.5	8.2	92		0.08	8		23.98	13.85	17.72
21.0	0932	8.0			0.52	2.6		7.5	8.1	92		0.09	9		24.06	13.82	17.78
21.0	0932	9.0			0.52	2.7		7.5	8.1	91		0.15	13		24.31	13.72	18.00
21.0	0932	10.0			0.56	3.3		7.5	8.1	91		0.22	18		24.43	13.67	18.10
21.0	0932	11.0			0.57	3.6		7.5	8.2	92		0.29	23		24.47	13.65	18.14
21.0	0932	12.0			0.60	4.0		7.5	8.2	92		0.30	24		24.50	13.64	18.15
21.0	0932	13.0			0.63	4.7		7.5	8.2	92		0.32	25		24.50	13.65	18.15
21.0	0932	14.0			0.65	5.0		7.5	8.2	92		0.34	26		24.50	13.64	18.16
21.0	0932	15.0			0.64	4.8		7.5	8.2	92		0.35	27		24.50	13.64	18.16
21.0	0932	16.0			0.66	5.1		7.5	8.2	92		0.36	28		24.51	13.64	18.16
21.0	0932	17.0	5.6	0.47	0.67	5.3		7.5	8.2	92		0.43	32		24.51	13.64	18.17

	n	r^2	Slope	Inter.	Std. Err.
Fluorometer Calibration:	12	0.988	18.545	-7.028	1.443
OBS Calibration:	6	0.995	69.051	2.802	6.821
Dissolved Oxygen Calibration:	6	0.355	0.646	3.312	0.314

SeaBird v4.026

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
36.0	0828	1.0			1.40	18.1		7.4	6.7	75		1.70	131	5.7	13.50	16.50	9.19
36.0	0828	2.0	14.5	0.58	1.43	18.6	6.8	7.5	6.8	77	143.6	1.82	140		14.36	16.40	9.86
36.0	0828	3.0			1.41	18.2		7.4	6.8	76		2.05	158		14.65	16.45	10.07
36.0	0828	4.0			1.35	17.2		7.4	6.7	75		2.11	162		14.99	16.45	10.33
36.0	0828	5.0			1.31	16.5		7.4	6.7	76		2.04	157		15.23	16.42	10.52
36.0	0828	6.0			1.32	16.7		7.3	6.7	75		2.05	158		15.90	16.40	11.04
36.0	0828	7.0			1.39	17.9		7.4	6.7	76		2.17	167		16.29	16.32	11.35
36.0	0828	8.0	20.5	0.57	1.39	17.9		7.4	6.7	76		2.58	198		16.33	16.30	11.39
35.0	0843	1.0			1.33	16.9		7.7	7.2	81		1.52	118	5.8	15.34	16.30	10.63
35.0	0843	2.0			1.35	17.2		7.7	7.2	81		1.53	119		15.42	16.28	10.69
35.0	0843	3.0			1.35	17.3		7.7	7.2	81		1.51	117		15.46	16.28	10.73
35.0	0843	4.0			1.45	18.9		7.7	7.2	81		1.51	117		15.62	16.25	10.85
35.0	0843	5.0			1.51	19.9		7.8	7.3	82		1.53	118		15.95	16.18	11.11
35.0	0843	6.0			1.46	19.0		7.7	7.2	81		1.58	123		16.49	16.15	11.53
35.0	0843	7.0			1.46	19.0		7.7	7.1	80		1.77	137		16.66	16.15	11.66
34.0	0852	1.0			1.74	23.8		8.0	7.6	85		1.39	108	5.8	15.96	16.08	11.14
34.0	0852	2.0			1.77	24.4		8.0	7.6	85		1.59	123		15.97	16.07	11.15
34.0	0852	3.0			1.77	24.5		8.0	7.6	85		1.64	127		15.98	16.07	11.16
34.0	0852	4.0			1.68	22.8		8.0	7.6	85		1.71	132		16.05	16.11	11.20
34.0	0852	5.0			1.70	23.2		7.9	7.5	84		1.71	132		16.27	16.11	11.37
34.0	0852	6.0			1.71	23.4		7.9	7.4	84		1.94	150		16.34	16.12	11.42
34.0	0852	7.0			1.65	22.3		7.9	7.5	84		2.39	184		16.38	16.13	11.46
33.0	0905	1.0			1.30	16.3		8.1	7.7	86		1.01	79	4.8	16.18	16.01	11.33
33.0	0905	2.0			1.33	16.8		8.0	7.6	85		1.10	86		16.33	15.95	11.45
33.0	0905	3.0			1.39	17.9		8.1	7.6	86		1.28	100		16.41	15.95	11.51
33.0	0905	4.0			1.41	18.2		8.0	7.6	86		1.46	113		16.52	15.96	11.60
33.0	0905	5.0			1.44	18.8		8.1	7.7	86		1.52	118		16.62	15.97	11.67
33.0	0905	6.0			1.48	19.5		8.1	7.7	86		1.55	120		16.68	15.98	11.72
33.0	0905	7.0			1.51	19.9		8.1	7.7	87		1.58	123		16.80	16.02	11.80
33.0	0905	8.0			1.50	19.7		8.1	7.7	87		1.58	123		16.91	16.05	11.87
33.0	0905	9.0			1.49	19.5		8.1	7.7	87		1.59	123		17.01	16.08	11.95
33.0	0905	10.0			1.42	18.4		8.1	7.6	86		1.58	122		17.20	16.12	12.08
33.0	0905	11.0			1.35	17.3		8.0	7.6	86		1.66	129		17.30	16.13	12.15
33.0	0905	12.0			1.38	17.6		8.0	7.6	86		1.78	138		17.36	16.14	12.20
32.0	0914	1.0			1.40	18.1		8.4	8.1	91		0.62	49	3.5	16.68	16.10	11.69
32.0	0914	2.0	20.3	0.87	1.39	17.8	7.9	8.3	8.0	90	46.6	0.68	54		16.74	16.08	11.73
32.0	0914	3.0			1.36	17.4		8.3	7.9	89		0.71	56		16.77	16.06	11.77
32.0	0914	4.0			1.33	16.8		8.2	7.9	89		0.78	62		16.92	16.03	11.89
32.0	0914	5.0			1.35	17.1		8.2	7.9	89		0.85	67		16.92	16.05	11.89

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
32.0	0914	6.0			1.33	16.8		8.2	7.9	89		0.93	73		16.94	16.05	11.90
32.0	0914	7.0			1.27	15.8		8.2	7.8	88		0.96	75		17.09	16.05	12.01
32.0	0914	8.0			1.22	15.0		8.1	7.8	88		1.07	83		17.21	16.06	12.10
32.0	0914	9.0			1.22	15.0		8.1	7.8	88		1.27	98		17.26	16.07	12.14
32.0	0914	10.0			1.23	15.2		8.1	7.8	88		1.33	103		17.30	16.07	12.17
32.0	0914	11.0			1.21	14.8		8.1	7.7	87		1.43	111		17.35	16.07	12.21
32.0	0914	12.0	14.0	0.53	1.21	14.9		8.1	7.7	87		1.56	121		17.37	16.08	12.22
31.0	0925	1.0			1.25	15.5		8.6	8.3	94		0.45	36	2.1	17.01	16.29	11.90
31.0	0925	2.0			1.23	15.1		8.5	8.3	94		0.44	35		17.01	16.28	11.90
31.0	0925	3.0			1.22	15.0		8.4	8.1	92		0.44	36		17.04	16.24	11.94
31.0	0925	4.0			1.20	14.6		8.3	8.0	91		0.44	35		17.20	16.16	12.08
31.0	0925	5.0			1.15	13.8		8.3	7.9	90		0.46	37		17.41	16.16	12.23
31.0	0925	6.0			1.11	13.0		8.3	7.9	90		0.52	42		17.58	16.15	12.37
31.0	0925	7.0			1.07	12.4		8.2	7.8	89		0.56	45		17.67	16.17	12.43
31.0	0925	8.0			1.04	11.9		8.0	7.6	87		0.61	49		17.87	16.13	12.59
31.0	0925	9.0			1.00	11.1		8.0	7.5	86		0.68	54		18.10	16.07	12.78
31.0	0925	10.0			0.99	11.0		7.9	7.5	85		0.79	62		18.24	16.02	12.90
31.0	0925	11.0			0.99	11.1		7.8	7.4	84		1.05	82		18.40	15.97	13.03
31.0	0925	12.0			0.95	10.4		7.8	7.3	83		1.54	119		18.55	15.92	13.15
31.0	0925	13.0			0.95	10.3		7.9	7.4	84		2.06	159		18.66	15.88	13.24
30.0	0943	1.0			0.84	8.5		7.9	7.5	85		0.43	35	2.5	18.27	16.13	12.90
30.0	0943	2.0	8.6	0.79	0.84	8.4	7.6	7.9	7.5	85	32.5	0.42	34		18.60	15.96	13.18
30.0	0943	3.0			0.80	7.8		7.9	7.5	85		0.42	34		18.68	15.89	13.26
30.0	0943	4.0			0.74	6.8		7.9	7.4	85		0.42	34		18.66	15.88	13.25
30.0	0943	5.0			0.71	6.3		7.9	7.5	85		0.40	32		18.75	15.84	13.33
30.0	0943	6.0			0.72	6.3		7.9	7.5	85		0.37	31		18.82	15.80	13.39
30.0	0943	7.0			0.68	5.8		7.9	7.4	84		0.33	27		18.87	15.79	13.43
30.0	0943	8.0			0.67	5.5		7.8	7.3	83		0.31	26		18.99	15.77	13.52
30.0	0943	9.0			0.67	5.5		7.7	7.2	82		0.33	27		19.08	15.76	13.59
30.0	0943	10.0			0.65	5.2		7.6	7.0	80		0.43	35		19.35	15.72	13.80
30.0	0943	11.0	5.5	0.40	0.65	5.2		7.7	7.1	81		0.75	59		19.49	15.70	13.91
29.5	1002	1.0			0.95	10.4		8.7	8.4	97		0.25	21	1.8	17.82	16.54	12.47
29.5	1002	2.0			0.91	9.7		8.3	8.0	91		0.24	20		17.92	16.42	12.57
29.5	1002	3.0			0.84	8.5		8.1	7.7	87		0.24	20		18.36	16.08	12.98
29.5	1002	4.0			0.75	6.9		8.0	7.5	86		0.23	20		18.76	15.90	13.32
29.5	1002	5.0			0.67	5.6		8.0	7.6	86		0.23	20		18.94	15.83	13.47
29.5	1002	6.0			0.63	4.8		8.0	7.6	86		0.26	22		18.95	15.82	13.48
29.5	1002	7.0			0.63	4.9		8.1	7.6	87		0.28	24		18.97	15.79	13.50
29.5	1002	8.0			0.66	5.4		8.1	7.7	87		0.31	26		18.97	15.78	13.51
29.5	1002	9.0			0.66	5.4		8.1	7.7	87		0.34	28		18.97	15.78	13.50

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
29.5	1002	10.0			0.65	5.1		8.0	7.6	87		0.35	28		19.00	15.77	13.52
29.5	1002	11.0			0.65	5.2		8.0	7.6	86		0.38	31		19.20	15.74	13.69
29.5	1002	12.0			0.64	5.1		7.9	7.5	85		0.44	36		19.35	15.76	13.80
29.5	1002	13.0			0.63	4.9		7.9	7.4	85		0.55	44		19.44	15.76	13.87
29.5	1002	14.0			0.63	4.8		7.9	7.4	84		0.67	53		19.48	15.76	13.90
29.5	1002	15.0			0.64	5.1		7.9	7.4	84		0.81	63		19.51	15.75	13.92
29.5	1002	16.0			0.64	5.1		7.9	7.4	84		1.72	133		19.56	15.76	13.95
29.0	1012	1.0			0.57	3.9		7.9	7.4	84		0.13	12	1.4	18.99	15.92	13.49
29.0	1012	2.0			0.57	3.9		7.8	7.3	83		0.13	12		19.16	15.81	13.65
29.0	1012	3.0			0.54	3.3		7.8	7.3	83		0.15	14		19.24	15.79	13.71
29.0	1012	4.0			0.50	2.7		7.8	7.3	83		0.16	14		19.47	15.77	13.89
29.0	1012	5.0			0.48	2.3		7.8	7.3	83		0.19	17		19.62	15.79	13.99
29.0	1012	6.0			0.46	2.0		7.8	7.3	83		0.20	17		19.71	15.81	14.06
29.0	1012	7.0			0.46	1.9		7.8	7.3	83		0.21	18		19.85	15.82	14.17
29.0	1012	8.0			0.46	1.9		7.8	7.2	83		0.22	18		19.96	15.82	14.26
29.0	1012	9.0			0.46	2.0		7.7	7.2	83		0.23	19		20.10	15.80	14.36
29.0	1012	10.0			0.47	2.1		7.7	7.2	83		0.24	20		20.17	15.80	14.41
29.0	1012	11.0			0.47	2.1		7.7	7.2	82		0.25	21		20.21	15.79	14.45
29.0	1012	12.0			0.46	2.0		7.7	7.2	82		0.28	23		20.28	15.78	14.51
29.0	1012	13.0			0.45	1.9		7.7	7.2	82		0.31	25		20.36	15.76	14.57
29.0	1012	14.0			0.45	1.8		7.7	7.2	83		0.32	27		20.38	15.76	14.58
28.0	1025	1.0			0.51	2.9		8.0	7.6	87		0.10	10	1.2	19.53	15.88	13.91
28.0	1025	2.0			0.51	2.8		8.0	7.5	86		0.10	10		19.67	15.73	14.05
28.0	1025	3.0			0.49	2.5		8.0	7.5	86		0.10	10		19.78	15.69	14.14
28.0	1025	4.0			0.49	2.5		7.9	7.5	85		0.11	11		19.84	15.68	14.18
28.0	1025	5.0			0.48	2.3		8.0	7.5	86		0.12	11		19.88	15.66	14.22
28.0	1025	6.0			0.47	2.1		8.0	7.5	86		0.13	12		19.95	15.66	14.28
28.0	1025	7.0			0.47	2.1		8.0	7.5	86		0.13	12		20.03	15.66	14.34
28.0	1025	8.0			0.48	2.2		8.0	7.5	86		0.14	13		20.12	15.66	14.40
28.0	1025	9.0			0.47	2.2		8.0	7.5	86		0.16	14		20.18	15.67	14.45
28.0	1025	10.0			0.47	2.2		8.0	7.5	86		0.18	16		20.26	15.68	14.51
28.0	1025	11.0			0.47	2.1		7.9	7.5	85		0.23	19		20.37	15.69	14.59
28.0	1025	12.0			0.46	2.0		7.9	7.4	85		0.28	23		20.42	15.69	14.63
28.0	1025	13.0			0.46	2.0		7.9	7.4	85		0.33	27		20.45	15.69	14.66
28.0	1025	14.0			0.47	2.1		7.9	7.4	85		0.37	30		20.47	15.69	14.67
27.0	1038	1.0			0.52	3.0		8.0	7.6	87		0.04	5	1.0	20.00	15.97	14.25
27.0	1038	2.0	2.5	0.87	0.55	3.5	7.5	8.0	7.6	87	7.8	0.04	5		20.14	15.79	14.40
27.0	1038	3.0			0.53	3.2		8.0	7.6	87		0.04	5		20.26	15.81	14.48
27.0	1038	4.0			0.48	2.2		7.9	7.5	86		0.05	6		20.45	15.73	14.64
27.0	1038	5.0			0.44	1.7		7.9	7.4	85		0.05	6		20.67	15.71	14.81

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
27.0	1038	6.0			0.43	1.5		7.9	7.4	85		0.06	7		20.77	15.71	14.89
27.0	1038	7.0			0.43	1.5		7.9	7.4	85		0.08	8		20.87	15.71	14.97
27.0	1038	8.0			0.44	1.6		7.9	7.4	85		0.10	10		20.91	15.70	15.00
27.0	1038	9.0			0.44	1.6		7.9	7.4	85		0.12	11		20.94	15.70	15.03
27.0	1038	10.0			0.45	1.7		7.9	7.4	85		0.14	12		20.99	15.69	15.06
27.0	1038	11.0	2.2	0.51	0.45	1.8		7.9	7.4	85		0.18	16		21.01	15.68	15.09
26.0	1050	1.0			0.52	3.0		7.8	7.3	84		0.03	4	0.9	20.49	16.20	14.58
26.0	1050	2.0			0.54	3.3		7.8	7.3	84		0.04	5		20.66	15.94	14.76
26.0	1050	3.0			0.52	3.0		7.8	7.2	83		0.04	5		20.99	15.75	15.06
26.0	1050	4.0			0.51	2.8		7.8	7.3	84		0.04	5		21.17	15.69	15.20
26.0	1050	5.0			0.51	2.8		7.8	7.3	84		0.05	6		21.27	15.65	15.29
26.0	1050	6.0			0.50	2.6		7.9	7.4	85		0.06	7		21.37	15.63	15.37
26.0	1050	7.0			0.51	2.8		7.9	7.4	85		0.07	7		21.46	15.60	15.44
26.0	1050	8.0			0.53	3.1		8.0	7.5	86		0.08	8		21.51	15.59	15.49
26.0	1050	9.0			0.50	2.6		8.0	7.5	86		0.09	9		21.55	15.59	15.51
26.0	1050	10.0			0.49	2.4		8.0	7.6	87		0.12	11		21.57	15.59	15.53
25.0	1105	1.0			0.71	6.1		8.3	8.0	93		0.82	65	0.8	21.25	16.02	15.20
25.0	1105	2.0			0.76	7.1		8.4	8.2	94		0.00	2		21.55	15.75	15.48
25.0	1105	3.0			0.78	7.4		8.5	8.2	94		0.00	2		21.64	15.65	15.57
25.0	1105	4.0			0.76	7.1		8.4	8.2	94		0.00	2		21.69	15.58	15.63
25.0	1105	5.0			0.72	6.4		8.4	8.2	94		0.00	2		21.72	15.53	15.66
25.0	1105	6.0			0.65	5.3		8.4	8.2	94		0.00	2		21.74	15.51	15.68
25.0	1105	7.0			0.65	5.2		8.4	8.2	94		0.00	2		21.75	15.51	15.69
24.0	1120	1.0			0.57	3.9		8.4	8.1	93		0.00	2	0.8	22.11	15.71	15.92
24.0	1120	2.0	4.0	0.84	0.60	4.4	8.1	8.4	8.1	93	3.9	0.00	2		22.12	15.41	15.98
24.0	1120	3.0			0.64	5.1		8.4	8.1	92		0.00	2		22.08	15.30	15.98
24.0	1120	4.0			0.64	5.1		8.4	8.1	93		0.00	2		22.08	15.27	15.98
24.0	1120	5.0			0.59	4.2		8.4	8.1	93		0.00	2		22.08	15.25	15.99
24.0	1120	6.0			0.56	3.7		8.4	8.1	93		0.00	2		22.08	15.24	15.99
24.0	1120	7.0			0.55	3.5		8.4	8.1	93		0.00	2		22.08	15.24	15.99
24.0	1120	8.0			0.53	3.1		8.4	8.1	93		0.00	2		22.08	15.24	15.99
24.0	1120	9.0	3.1	0.82	0.53	3.1		8.4	8.2	93		0.01	3		22.08	15.23	15.99
23.0	1135	1.0			0.55	3.5		8.4	8.1	93		0.03	4	1.1	21.66	15.27	15.66
23.0	1135	2.0			0.56	3.7		8.2	7.9	90		0.03	4		21.67	15.26	15.67
23.0	1135	3.0			0.55	3.4		8.3	7.9	90		0.03	4		21.74	14.99	15.78
23.0	1135	4.0			0.53	3.2		8.3	7.9	90		0.03	5		21.78	14.99	15.81
23.0	1135	5.0			0.54	3.3		8.3	8.0	91		0.04	5		21.84	15.01	15.85
23.0	1135	6.0			0.54	3.4		8.3	8.0	91		0.04	5		21.92	15.12	15.89
23.0	1135	7.0			0.53	3.2		8.3	8.0	91		0.04	5		21.96	15.17	15.91

South San Francisco Bay April 23, 1996 96114

STN	TIME	DEPTH	DISCR CHL a	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	1135	8.0			0.51	2.9		8.3	7.9	90		0.03	4		21.96	15.16	15.92
23.0	1135	9.0			0.50	2.7		8.2	7.8	90		0.03	4		21.97	15.14	15.93
23.0	1135	10.0			0.49	2.5		8.1	7.8	88		0.05	6		21.97	15.05	15.95
23.0	1135	11.0			0.48	2.2		8.0	7.6	87		0.06	7		21.98	14.93	15.98
23.0	1135	12.0			0.46	1.9		8.0	7.6	86		0.06	7		22.00	14.76	16.02
23.0	1135	13.0			0.45	1.7		8.1	7.7	87		0.06	6		22.02	14.59	16.07
23.0	1135	14.0			0.45	1.8		8.3	7.9	89		0.07	7		22.19	14.37	16.25
22.0	1154	1.0			0.51	2.8		8.2	7.8	89		0.03	4	0.8	21.68	15.01	15.73
22.0	1154	2.0			0.51	2.9		8.3	7.9	90		0.02	4		21.70	15.01	15.75
22.0	1154	3.0			0.54	3.4		8.3	8.0	91		0.03	4		21.75	14.97	15.79
22.0	1154	4.0			0.55	3.5		8.3	7.9	90		0.03	4		21.82	14.95	15.85
22.0	1154	5.0			0.52	2.9		8.1	7.7	88		0.03	4		22.00	14.82	16.01
22.0	1154	6.0			0.48	2.2		8.0	7.5	85		0.02	3		22.15	14.66	16.16
22.0	1154	7.0			0.45	1.8		8.0	7.6	85		0.02	4		22.54	14.44	16.50
22.0	1154	8.0			0.44	1.6		7.9	7.5	84		0.03	4		22.72	14.36	16.65
22.0	1154	9.0			0.42	1.3		7.9	7.5	84		0.03	4		22.96	14.23	16.86
22.0	1154	10.0			0.40	0.9		7.8	7.3	83		0.04	5		23.18	14.13	17.05
22.0	1154	11.0			0.39	0.7		7.8	7.3	82		0.04	5		23.61	13.93	17.42
22.0	1154	12.0			0.39	0.7		7.8	7.3	82		0.05	6		23.94	13.79	17.70
22.0	1154	13.0			0.37	0.5		7.8	7.3	82		0.06	7		24.14	13.70	17.87
22.0	1154	14.0			0.37	0.4		7.8	7.3	81		0.07	8		24.25	13.64	17.96
22.0	1154	15.0			0.37	0.4		7.6	7.1	79		0.08	8		24.40	13.57	18.09
22.0	1154	16.0			0.37	0.5		7.6	7.0	79		0.09	9		25.39	13.29	18.91
22.0	1154	17.0			0.39	0.8		7.6	7.1	79		0.13	12		26.36	13.07	19.70
22.0	1154	18.0			0.41	1.0		7.7	7.1	80		0.22	19		26.65	13.01	19.94
22.0	1154	19.0			0.40	0.9		7.7	7.2	81		0.27	22		26.69	12.99	19.97
21.0	1208	1.0			0.48	2.3		8.4	8.1	92		0.01	3	0.7	21.65	15.10	15.69
21.0	1208	2.0	3.1	0.82	0.49	2.4	8.0	8.2	7.9	89	4.5	0.01	3		21.75	14.91	15.80
21.0	1208	3.0			0.50	2.6		8.3	7.9	89		0.01	3		22.06	14.58	16.10
21.0	1208	4.0			0.49	2.5		8.2	7.9	89		0.01	3		22.15	14.52	16.18
21.0	1208	5.0			0.47	2.1		8.2	7.8	88		0.01	3		22.21	14.48	16.24
21.0	1208	6.0			0.44	1.7		8.2	7.8	88		0.03	4		22.24	14.48	16.26
21.0	1208	7.0			0.44	1.6		8.2	7.9	89		0.04	5		22.25	14.48	16.27
21.0	1208	8.0			0.44	1.6		8.2	7.9	89		0.05	6		22.28	14.50	16.29
21.0	1208	9.0			0.44	1.7		8.1	7.8	88		0.06	7		22.32	14.51	16.32
21.0	1208	10.0			0.45	1.8		7.8	7.3	82		0.08	8		22.42	14.50	16.40
21.0	1208	11.0			0.48	2.3		7.8	7.2	82		0.16	14		23.88	13.97	17.62
21.0	1208	12.0			0.50	2.7		7.7	7.2	81		0.37	30		24.60	13.73	18.22
21.0	1208	13.0			0.51	2.8		7.8	7.2	81		0.42	34		24.99	13.59	18.55
21.0	1208	14.0			0.54	3.4		7.8	7.3	82		0.47	38		25.24	13.51	18.75
21.0	1208	15.0			0.59	4.1		7.8	7.3	82		0.63	50		25.35	13.44	18.85

South San Francisco Bay April 23, 1996 96114

STN	TIME	DEPTH	DISCR CHL a	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	1208	16.0			0.66	5.5		7.8	7.3	82		0.89	70		25.46	13.38	18.94
21.0	1208	17.0	5.4	0.28	0.68	5.6		7.8	7.4	83		1.46	113		25.53	13.34	19.01

	n	r^2	Slope	Inter.	Std. Err.
Fluorometer Calibration:	12	0.939	17.113	-5.917	1.788
OBS Calibration:	6	0.994	76.154	2.046	4.549
Dissolved Oxygen Calibration:	6	0.966	1.339	-3.138	0.094

SeaBird v4.026

North San Francisco Bay May 1, 1996 96122

STN	TIME	DEPTH	DISCR CHL a	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	1651	1.0			0.44	3.2		9.6	9.2	97		0.25	20	1.8	0.08	17.68	0.00
657.0	1651	2.0	2.9	0.90	0.44	3.3	9.2	9.6	9.3	98	18.7	0.24	19		0.08	17.70	0.00
657.0	1651	3.0			0.44	3.2		9.5	9.2	97		0.24	19		0.08	17.64	0.00
657.0	1651	4.0			0.44	3.2		9.5	9.2	96		0.25	20		0.08	17.52	0.00
657.0	1651	5.0			0.44	3.2		9.5	9.2	96		0.25	20		0.08	17.41	0.00
657.0	1651	6.0			0.43	3.2		9.5	9.2	96		0.26	20		0.08	17.37	0.00
657.0	1651	7.0			0.44	3.2		9.6	9.2	97		0.27	21		0.08	17.34	0.00
657.0	1651	8.0			0.45	3.3		9.6	9.3	97		0.28	22		0.08	17.34	0.00
657.0	1651	9.0			0.45	3.4		9.6	9.3	97		0.30	23		0.08	17.34	0.00
657.0	1651	10.0	2.9	0.78	0.45	3.3		9.6	9.3	97		0.30	23		0.08	17.33	0.00
649.0	1558	1.0			0.45	3.4		9.6	9.3	99		0.25	20	1.4	0.09	18.42	0.00
649.0	1558	2.0	2.9	0.75	0.45	3.4	9.2	9.6	9.2	98		0.25	20		0.09	18.15	0.00
649.0	1558	3.0			0.46	3.5		9.5	9.2	98		0.25	20		0.09	17.99	0.00
649.0	1558	4.0			0.47	3.6		9.6	9.3	98		0.28	22		0.09	17.85	0.00
649.0	1558	5.0			0.47	3.6		9.7	9.3	98		0.29	22		0.09	17.84	0.00
649.0	1558	6.0			0.48	3.7		9.7	9.3	99		0.30	23		0.09	17.84	0.00
649.0	1558	7.0			0.49	3.8		9.7	9.4	99		0.30	23		0.09	17.85	0.00
649.0	1558	8.0			0.49	3.8		9.7	9.4	99		0.31	24		0.09	17.86	0.00
649.0	1558	9.0			0.49	3.8		9.7	9.4	99		0.32	24		0.09	17.86	0.00
649.0	1558	10.0			0.48	3.7		9.7	9.4	99		0.32	24		0.09	17.87	0.00
649.0	1558	11.0	3.0	0.68	0.48	3.7		9.7	9.4	99		0.33	25		0.09	17.87	0.00
2.0	1537	1.0			0.51	4.1		9.9	9.5	101		0.30	23	1.6	0.12	18.10	0.00
2.0	1537	2.0			0.51	4.1		9.8	9.5	101		0.29	22		0.12	18.12	0.00
2.0	1537	3.0			0.51	4.1		9.9	9.5	101		0.32	24		0.12	18.05	0.00
2.0	1537	4.0			0.51	4.1		9.9	9.5	101		0.34	26		0.12	18.04	0.00
2.0	1537	5.0			0.51	4.1		9.9	9.5	101		0.35	26		0.12	18.02	0.00
2.0	1537	6.0			0.52	4.1		9.9	9.5	101		0.37	27		0.12	18.02	0.00
2.0	1537	7.0			0.53	4.3		9.9	9.5	101		0.36	26		0.12	18.03	0.00
2.0	1537	8.0			0.53	4.3		9.9	9.5	101		0.35	26		0.12	18.04	0.00
2.0	1537	9.0			0.52	4.2		9.9	9.5	101		0.36	27		0.12	18.03	0.00
2.0	1537	10.0			0.52	4.1		9.9	9.5	101		0.37	27		0.12	18.01	0.00
3.0	1523	1.0			0.49	3.9		9.7	9.3	99		0.43	31	1.7	0.10	18.06	0.00
3.0	1523	2.0	3.9	0.64	0.50	3.9	9.3	9.7	9.3	99		0.24	19		0.10	18.04	0.00
3.0	1523	3.0			0.51	4.1		9.8	9.4	100		0.25	20		0.10	18.03	0.00
3.0	1523	4.0			0.51	4.1		9.9	9.5	101		0.25	20		0.10	18.00	0.00
3.0	1523	5.0			0.51	4.0		9.9	9.5	101		0.27	21		0.10	18.01	0.00
3.0	1523	6.0			0.51	4.1		9.9	9.5	101		0.27	21		0.10	17.99	0.00
3.0	1523	7.0			0.51	4.1		9.9	9.5	101		0.28	22		0.10	17.97	0.00
3.0	1523	8.0			0.52	4.2		9.9	9.6	101		0.31	24		0.10	17.96	0.00
3.0	1523	9.0			0.53	4.3		9.9	9.6	101		0.32	24		0.10	17.97	0.00

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
3.0	1523	10.0			0.54	4.3		9.9	9.6	101		0.32	24		0.10	17.96	0.00
3.0	1523	11.0			0.53	4.3		9.9	9.6	101		0.33	25		0.10	17.96	0.00
3.0	1523	12.0			0.53	4.3		9.9	9.6	101		0.32	24		0.10	17.96	0.00
3.0	1523	13.0	3.0	0.54	0.53	4.3		9.9	9.6	101		0.39	29		0.10	17.96	0.00
4.0	1502	1.0			0.53	4.3		9.9	9.5	102		0.24	19	1.3	0.35	18.30	0.00
4.0	1502	2.0			0.54	4.4		9.9	9.6	102		0.25	20		0.36	18.15	0.00
4.0	1502	3.0			0.54	4.4		10.0	9.6	102		0.30	23		0.36	18.13	0.00
4.0	1502	4.0			0.53	4.3		9.9	9.6	102		0.32	24		0.36	18.12	0.00
4.0	1502	5.0			0.53	4.3		9.9	9.5	101		0.32	24		0.36	18.08	0.00
4.0	1502	6.0			0.53	4.3		9.9	9.5	101		0.33	25		0.36	18.01	0.00
4.0	1502	7.0			0.54	4.4		9.9	9.6	101		0.34	26		0.37	17.99	0.00
4.0	1502	8.0			0.54	4.4		9.9	9.6	101		0.35	26		0.38	17.98	0.00
4.0	1502	9.0			0.54	4.4		9.9	9.6	102		0.35	26		0.40	17.97	0.00
4.0	1502	10.0			0.55	4.5		10.0	9.6	102		0.35	26		0.41	17.97	0.00
4.0	1502	11.0			0.55	4.5		10.0	9.6	102		0.35	26		0.43	17.99	0.00
4.0	1502	12.0			0.54	4.4		10.0	9.6	102		0.35	26		0.46	17.99	0.00
4.0	1502	13.0			0.55	4.5		10.0	9.6	102		0.35	26		0.48	18.00	0.00
4.0	1502	14.0			0.55	4.5		10.0	9.6	102		0.35	26		0.50	18.01	0.00
4.0	1502	15.0			0.55	4.6		10.0	9.6	102		0.35	26		0.52	18.03	0.00
4.0	1502	16.0			0.55	4.6		10.0	9.6	102		0.35	26		0.52	18.03	0.00
4.0	1502	17.0			0.56	4.6		10.0	9.6	102		0.35	26		0.53	18.04	0.00
4.0	1502	18.0			0.56	4.7		10.0	9.6	102		0.36	26		0.53	18.04	0.00
5.0	1445	1.0			0.53	4.2		9.9	9.5	103		0.33	25	2.0	1.46	18.39	0.00
5.0	1445	2.0			0.54	4.4		9.8	9.5	102		0.32	24		1.46	18.37	0.00
5.0	1445	3.0			0.55	4.5		9.8	9.5	102		0.32	24		1.67	18.29	0.00
5.0	1445	4.0			0.53	4.3		9.8	9.4	101		0.35	26		1.82	18.24	0.00
5.0	1445	5.0			0.54	4.4		9.8	9.4	101		0.36	26		2.04	18.15	0.13
5.0	1445	6.0			0.56	4.6		9.8	9.4	101		0.37	28		2.18	18.11	0.25
5.0	1445	7.0			0.57	4.8		9.8	9.4	102		0.41	30		2.17	18.11	0.24
5.0	1445	8.0			0.58	4.9		9.8	9.5	102		0.44	32		2.18	18.11	0.25
5.0	1445	9.0			0.59	4.9		9.8	9.5	102		0.44	32		2.18	18.11	0.25
5.0	1445	10.0			0.59	4.9		9.8	9.5	102		0.45	32		2.18	18.10	0.25
5.0	1445	11.0			0.58	4.9		9.8	9.5	102		0.46	33		2.19	18.10	0.25
6.0	1423	1.0			0.58	4.9		9.5	9.2	100		0.28	22	2.1	2.93	18.58	0.73
6.0	1423	2.0	4.3	0.65	0.60	5.1	9.3	9.5	9.2	100	20.9	0.27	21		4.47	18.26	1.96
6.0	1423	3.0			0.64	5.5		9.5	9.2	100		0.28	22		4.95	18.21	2.34
6.0	1423	4.0			0.66	5.7		9.4	9.1	100		0.34	25		5.07	18.18	2.43
6.0	1423	5.0			0.64	5.5		9.3	9.0	99		0.41	30		5.15	18.10	2.51
6.0	1423	6.0			0.65	5.7		9.3	9.0	99		0.49	35		5.37	17.94	2.71
6.0	1423	7.0			0.71	6.4		9.3	9.1	99		0.58	40		5.50	17.87	2.82

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6.0	1423	8.0			0.73	6.5		9.4	9.1	99		0.66	46		5.54	17.84	2.86
6.0	1423	9.0			0.71	6.3		9.4	9.1	99		0.77	52		5.53	17.84	2.86
6.0	1423	10.0			0.73	6.5		9.4	9.1	99		0.82	55		5.53	17.84	2.86
6.0	1423	11.0			0.72	6.5		9.4	9.1	100		0.86	58		5.53	17.84	2.85
7.0	1357	1.0			0.68	6.0		9.0	8.8	98		0.37	27	2.4	8.12	18.15	4.76
7.0	1357	2.0			0.70	6.2		9.0	8.8	98		0.38	28		8.74	17.82	5.30
7.0	1357	3.0			0.73	6.5		9.0	8.8	97		0.40	29		8.88	17.74	5.42
7.0	1357	4.0			0.77	7.0		8.9	8.7	96		0.43	31		9.02	17.66	5.54
7.0	1357	5.0			0.78	7.2		8.9	8.6	96		0.56	39		9.35	17.51	5.82
7.0	1357	6.0			0.81	7.5		8.9	8.7	96		0.80	54		9.68	17.39	6.10
7.0	1357	7.0			0.87	8.2		8.9	8.7	96		0.85	57		9.71	17.38	6.12
7.0	1357	8.0			0.91	8.6		8.9	8.7	96		0.86	58		9.73	17.38	6.14
7.0	1357	9.0			0.90	8.5		8.9	8.7	97		0.88	59		9.76	17.37	6.16
7.0	1357	10.0			0.90	8.5		9.0	8.7	97		0.88	60		9.77	17.37	6.17
7.0	1357	11.0			0.90	8.5		9.0	8.7	97		0.93	62		9.79	17.37	6.19
7.0	1357	12.0			0.92	8.7		9.0	8.7	97		0.95	64		9.78	17.37	6.18
7.0	1357	13.0			0.94	8.9		9.0	8.7	97		0.95	64		9.78	17.37	6.18
7.0	1357	14.0			0.93	8.9		9.0	8.8	97		0.95	64		9.79	17.37	6.19
7.0	1357	15.0			0.94	8.9		9.0	8.8	97		0.97	65		9.78	17.38	6.18
8.0	1333	1.0			0.71	6.4		9.6	9.3	105		0.20	17	1.6	9.74	18.29	5.96
8.0	1333	2.0			0.75	6.7		9.4	9.1	104		0.20	17		10.12	18.38	6.24
8.0	1333	3.0			0.77	7.0		9.0	8.8	100		0.19	16		10.50	18.28	6.54
8.0	1333	4.0			0.79	7.2		8.9	8.7	98		0.21	17		11.14	17.70	7.15
8.0	1333	5.0			0.77	7.1		8.9	8.6	97		0.28	22		11.83	17.36	7.74
8.0	1333	6.0			0.77	7.0		8.7	8.5	95		0.36	27		12.26	17.23	8.09
8.0	1333	7.0			0.80	7.3		8.7	8.5	95		0.47	34		13.41	16.98	9.02
8.0	1333	8.0			0.86	8.0		8.7	8.5	96		0.70	48		13.52	16.96	9.11
8.0	1333	9.0			0.93	8.8		8.8	8.6	96		0.90	60		13.56	16.96	9.14
8.0	1333	10.0			0.96	9.2		8.8	8.6	96		1.03	68		13.61	16.96	9.18
8.0	1333	11.0			0.94	9.0		8.8	8.6	97		1.13	75		13.82	16.95	9.34
8.0	1333	12.0			0.98	9.5		8.8	8.6	97		1.28	85		14.04	16.92	9.52
8.0	1333	13.0			1.09	10.7		8.8	8.6	97		1.52	99		14.19	16.90	9.63
8.0	1333	14.0			1.13	11.1		8.8	8.6	97		2.28	147		14.21	16.89	9.65
8.0	1333	15.0			1.13	11.2		8.8	8.6	97		2.73	175		14.21	16.89	9.65
8.0	1333	16.0			1.15	11.3		8.8	8.6	97		3.29	211		14.21	16.89	9.65
9.0	1314	1.0			0.83	7.7		8.9	8.7	99		0.43	31	2.3	13.82	17.27	9.27
9.0	1314	2.0	9.7	0.75	0.83	7.7	8.5	8.9	8.6	98	31.8	0.43	31		14.19	17.14	9.58
9.0	1314	3.0			0.83	7.7		8.8	8.6	98		0.46	33		14.62	17.04	9.93
9.0	1314	4.0			0.86	8.1		8.8	8.6	97		0.51	36		14.90	16.97	10.16
9.0	1314	5.0			0.92	8.8		8.8	8.6	97		0.62	43		15.06	16.91	10.29

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9.0	1314	6.0			0.94	9.0		8.8	8.6	97		0.72	49		15.09	16.91	10.32
9.0	1314	7.0			0.94	9.0		8.8	8.6	98		0.81	55		15.13	16.90	10.35
9.0	1314	8.0			0.94	8.9		8.8	8.6	97		0.84	57		15.15	16.89	10.37
9.0	1314	9.0			0.95	9.1		8.8	8.5	97		0.90	60		15.26	16.86	10.46
9.0	1314	10.0			0.93	8.9		8.7	8.5	97		0.96	65		15.48	16.80	10.63
9.0	1314	11.0			0.93	8.9		8.8	8.6	97		1.11	74		15.71	16.75	10.82
9.0	1314	12.0			0.97	9.3		8.8	8.5	97		1.38	91		15.68	16.75	10.79
9.0	1314	13.0			1.00	9.6		8.8	8.6	97		1.57	103		15.78	16.73	10.88
9.0	1314	14.0			1.03	9.9		8.8	8.6	97		1.62	106		15.79	16.73	10.89
9.0	1314	15.0			1.04	10.1		8.8	8.6	97		1.66	108		15.80	16.73	10.89
9.0	1314	16.0			1.04	10.1		8.8	8.6	97		1.68	110		15.80	16.73	10.89
9.0	1314	17.0			1.02	9.9		8.8	8.6	97		1.68	109		15.79	16.73	10.89
9.0	1314	18.0			0.99	9.6		8.8	8.6	97		1.68	109		15.80	16.73	10.89
9.0	1314	19.0			1.01	9.7		8.8	8.6	97		1.66	108		15.86	16.73	10.94
9.0	1314	20.0			1.01	9.8		8.8	8.6	97		1.62	106		15.97	16.72	11.02
9.0	1314	21.0			1.01	9.7		8.8	8.6	97		1.55	102		16.12	16.71	11.14
9.0	1314	22.0			0.99	9.5		8.8	8.6	97		1.47	97		16.17	16.70	11.18
9.0	1314	23.0			0.96	9.2		8.8	8.6	97		1.43	94		16.31	16.69	11.29
9.0	1314	24.0			0.97	9.3		8.8	8.6	97		1.48	97		16.39	16.68	11.35
9.0	1314	25.0			0.99	9.5		8.8	8.6	97		1.54	101		16.39	16.68	11.35
9.0	1314	26.0			0.99	9.5		8.8	8.6	98		1.60	105		16.41	16.68	11.37
9.0	1314	27.0			0.99	9.5		8.8	8.6	98		1.60	105		16.43	16.68	11.38
9.0	1314	28.0			0.98	9.4		8.8	8.6	98		1.63	107		16.44	16.68	11.39
9.0	1314	29.0	11.0	0.59	0.98	9.4		8.8	8.6	97		1.65	108		16.42	16.68	11.38
10.0	1304	1.0			0.79	7.3		8.9	8.6	99		0.21	17	2.0	13.69	17.62	9.12
10.0	1304	2.0			0.81	7.5		9.0	8.7	99		0.26	21		13.98	17.41	9.37
10.0	1304	3.0			0.80	7.3		9.0	8.7	100		0.32	24		14.07	17.38	9.44
10.0	1304	4.0			0.78	7.2		9.0	8.8	100		0.35	26		14.28	17.32	9.61
10.0	1304	5.0			0.80	7.3		9.1	8.8	100		0.37	27		14.43	17.29	9.74
10.0	1304	6.0			0.87	8.1		9.1	8.8	100		0.42	31		14.47	17.28	9.77
10.0	1304	7.0			0.90	8.5		9.1	8.8	100		0.46	33		14.50	17.28	9.79
10.0	1304	8.0			0.88	8.3		9.0	8.7	99		0.50	35		14.66	17.26	9.92
10.0	1304	9.0			0.86	8.1		9.0	8.7	100		0.47	34		15.39	17.10	10.51
10.0	1304	10.0			0.83	7.7		9.0	8.7	100		0.45	33		15.54	17.07	10.62
10.0	1304	11.0			0.85	7.9		8.9	8.7	99		0.53	37		15.59	17.07	10.66
10.0	1304	12.0			0.91	8.6		8.9	8.6	99		0.58	40		15.77	17.00	10.81
10.0	1304	13.0			0.91	8.6		8.8	8.6	98		0.69	47		16.03	16.90	11.03
10.0	1304	14.0			0.87	8.1		8.8	8.6	98		0.77	53		16.20	16.85	11.17
10.0	1304	15.0			0.93	8.8		8.7	8.5	96		0.87	59		16.35	16.78	11.30
10.0	1304	16.0			1.01	9.7		8.6	8.4	96		1.13	75		16.80	16.62	11.68
10.0	1304	17.0			1.02	9.9		8.6	8.4	96		1.41	93		17.06	16.54	11.89
10.0	1304	18.0			1.05	10.2		8.6	8.4	96		1.59	104		17.16	16.52	11.97

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10.0	1304	19.0			1.06	10.3		8.6	8.4	96		1.72	112		17.19	16.51	12.00
10.0	1304	20.0			1.06	10.3		8.6	8.4	96		1.77	115		17.22	16.50	12.02
10.0	1304	21.0			1.04	10.1		8.6	8.5	96		1.82	118		17.22	16.50	12.02
10.0	1304	22.0			1.00	9.7		8.6	8.4	96		1.81	118		17.21	16.50	12.02
10.0	1304	23.0			1.01	9.8		8.7	8.5	96		1.83	119		17.22	16.50	12.02
11.0	1242	1.0			0.83	7.7		9.0	8.7	100		0.21	17	1.8	14.63	17.42	9.86
11.0	1242	2.0			0.85	7.9		8.7	8.5	97		0.24	19		15.23	16.94	10.41
11.0	1242	3.0			0.89	8.4		8.6	8.4	96		0.38	28		15.91	16.77	10.97
11.0	1242	4.0			0.85	7.9		8.6	8.4	96		0.49	35		16.28	16.69	11.27
11.0	1242	5.0			0.81	7.4		8.6	8.4	96		0.47	34		17.11	16.56	11.93
11.0	1242	6.0			0.84	7.8		8.6	8.4	96		0.49	35		17.52	16.51	12.25
11.0	1242	7.0			0.85	7.9		8.7	8.5	97		0.55	39		17.71	16.51	12.39
11.0	1242	8.0			0.88	8.2		8.7	8.5	97		0.74	50		17.71	16.52	12.39
11.0	1242	9.0			0.92	8.7		8.4	8.2	94		0.82	56		17.82	16.55	12.47
11.0	1242	10.0			0.94	8.9		8.2	8.1	92		0.96	64		18.67	16.22	13.19
11.0	1242	11.0			0.96	9.2		8.2	8.1	92		1.25	83		19.30	15.96	13.72
11.0	1242	12.0			1.02	9.8		8.2	8.1	92		1.79	116		19.43	15.92	13.82
11.0	1242	13.0			1.08	10.6		8.2	8.1	92		1.99	129		19.58	15.87	13.95
11.0	1242	14.0			1.11	10.9		8.2	8.1	92		2.08	135		19.65	15.85	14.01
11.0	1242	15.0			1.11	10.9		8.3	8.1	93		2.10	136		19.65	15.85	14.01
13.0	1211	1.0			0.63	5.4		9.2	8.9	103		0.11	11	1.2	19.15	16.62	13.47
13.0	1211	2.0	7.8	0.79	0.64	5.6	8.8	8.7	8.5	98	11.2	0.14	13		19.32	16.50	13.63
13.0	1211	3.0			0.61	5.2		8.4	8.2	94		0.13	12		20.66	15.92	14.77
13.0	1211	4.0			0.60	5.1		8.0	7.9	91		0.11	11		21.59	15.64	15.53
13.0	1211	5.0			0.65	5.7		7.9	7.8	90		0.11	11		22.56	15.28	16.35
13.0	1211	6.0			0.72	6.4		7.9	7.8	90		0.17	15		23.20	15.08	16.89
13.0	1211	7.0			0.72	6.4		7.9	7.8	90		0.30	23		23.31	15.04	16.98
13.0	1211	8.0			0.73	6.6		7.9	7.8	90		0.43	31		23.34	15.03	17.00
13.0	1211	9.0			0.82	7.6		7.9	7.8	90		0.62	43		23.35	15.03	17.01
13.0	1211	10.0	7.3	0.67	0.83	7.7		8.0	7.9	90		0.92	62		23.35	15.03	17.01
14.0	1153	1.0			0.64	5.6		8.2	8.1	94		0.11	11	1.5	19.54	16.63	13.77
14.0	1153	2.0			0.68	6.0		8.1	8.0	92		0.14	13		21.02	15.84	15.06
14.0	1153	3.0			0.66	5.8		8.1	8.0	92		0.14	13		21.81	15.63	15.70
14.0	1153	4.0			0.65	5.6		8.1	7.9	91		0.14	13		22.22	15.53	16.04
14.0	1153	5.0			0.64	5.5		8.0	7.9	91		0.14	13		22.52	15.46	16.29
14.0	1153	6.0			0.65	5.6		7.9	7.8	90		0.14	13		22.78	15.40	16.49
14.0	1153	7.0			0.66	5.7		7.8	7.7	89		0.18	15		23.10	15.28	16.76
14.0	1153	8.0			0.66	5.8		7.8	7.7	88		0.21	17		23.60	15.04	17.19
14.0	1153	9.0			0.67	5.9		7.8	7.7	89		0.20	17		23.73	14.99	17.31
14.0	1153	10.0			0.68	5.9		7.8	7.7	88		0.21	17		23.77	14.97	17.34

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14.0	1153	11.0			0.69	6.1		7.8	7.7	88		0.23	19		23.84	14.94	17.40
14.0	1153	12.0			0.72	6.5		7.8	7.7	88		0.41	29		23.88	14.92	17.43
14.0	1153	13.0			0.73	6.5		7.8	7.7	88		0.51	36		23.89	14.92	17.44
14.0	1153	14.0			0.72	6.5		7.8	7.7	89		0.50	36		23.89	14.92	17.44
15.0	1135	1.0			0.61	5.2		8.3	8.1	94		0.23	19	1.4	20.52	16.19	14.60
15.0	1135	2.0	6.8	0.71	0.60	5.0	8.0	8.3	8.1	94		0.19	16		21.19	15.82	15.19
15.0	1135	3.0			0.58	4.9		8.3	8.1	94		0.14	13		21.31	15.78	15.29
15.0	1135	4.0			0.58	4.8		8.3	8.2	94		0.12	12		21.41	15.73	15.38
15.0	1135	5.0			0.59	5.0		8.3	8.1	94		0.12	11		21.42	15.73	15.39
15.0	1135	6.0			0.60	5.1		8.1	8.0	92		0.11	11		21.59	15.70	15.53
15.0	1135	7.0			0.59	5.0		8.0	7.9	91		0.11	11		22.40	15.54	16.18
15.0	1135	8.0			0.59	5.0		8.0	7.9	91		0.13	12		22.93	15.40	16.61
15.0	1135	9.0			0.61	5.2		7.9	7.8	90		0.15	13		23.21	15.35	16.83
15.0	1135	10.0			0.62	5.3		7.8	7.8	90		0.15	14		23.54	15.27	17.10
15.0	1135	11.0			0.63	5.5		7.8	7.7	89		0.16	14		23.90	15.15	17.40
15.0	1135	12.0			0.66	5.8		7.7	7.7	88		0.19	16		24.18	15.05	17.64
15.0	1135	13.0			0.66	5.7		7.7	7.6	88		0.23	18		24.38	14.97	17.81
15.0	1135	14.0			0.65	5.6		7.6	7.6	88		0.26	20		24.50	14.93	17.90
15.0	1135	15.0			0.66	5.7		7.6	7.6	87		0.30	23		24.79	14.84	18.15
15.0	1135	16.0			0.67	5.9		7.6	7.5	87		0.33	25		24.94	14.79	18.27
15.0	1135	17.0			0.69	6.1		7.5	7.5	86		0.37	28		25.05	14.72	18.38
15.0	1135	18.0			0.74	6.7		7.5	7.4	86		0.47	33		25.15	14.66	18.46
15.0	1135	19.0			0.82	7.6		7.5	7.4	85		0.74	51		25.23	14.58	18.54
15.0	1135	20.0			0.87	8.2		7.5	7.4	85		0.90	60		25.27	14.54	18.58
15.0	1135	21.0			0.91	8.7		7.4	7.4	85		1.40	92		25.28	14.53	18.59
15.0	1135	22.0			1.00	9.6		7.4	7.4	85		1.59	104		25.30	14.51	18.61
15.0	1135	23.0			1.09	10.7		7.4	7.4	85		1.94	126		25.33	14.48	18.63
15.0	1135	24.0			1.17	11.6		7.4	7.4	85		2.60	167		25.33	14.48	18.64
15.0	1135	25.0	9.1	0.34	1.18	11.7		7.5	7.4	85		3.02	194		25.33	14.47	18.64
16.0	1111	1.0			0.45	3.4		7.1	7.1	82		0.01	5	0.8	24.78	15.01	18.11
16.0	1111	2.0			0.47	3.6		7.0	7.1	81		0.01	5		25.38	14.65	18.64
16.0	1111	3.0			0.49	3.9		6.9	7.0	80		0.01	5		26.01	14.34	19.18
16.0	1111	4.0			0.51	4.1		6.6	6.7	77		0.02	5		26.23	14.20	19.38
16.0	1111	5.0			0.53	4.3		6.6	6.7	76		0.03	6		27.15	13.74	20.18
16.0	1111	6.0			0.57	4.7		6.6	6.7	76		0.05	7		27.50	13.56	20.49
16.0	1111	7.0			0.59	5.0		6.6	6.7	76		0.10	10		27.55	13.52	20.53
16.0	1111	8.0			0.58	4.8		6.6	6.7	76		0.12	12		27.57	13.51	20.55
16.0	1111	9.0			0.59	5.0		6.6	6.7	76		0.14	13		27.64	13.46	20.61
16.0	1111	10.0			0.65	5.6		6.6	6.7	76		0.21	17		27.65	13.45	20.63
16.0	1111	11.0			0.66	5.8		6.6	6.7	76		0.21	17		27.66	13.44	20.63
16.0	1111	12.0			0.65	5.6		6.6	6.7	76		0.24	19		27.67	13.44	20.64

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
16.0	1111	13.0			0.65	5.6		6.6	6.7	76		0.26	20		27.66	13.44	20.63
16.0	1111	14.0			0.65	5.7		6.6	6.7	76		0.26	20		27.66	13.44	20.63
17.0	1054	1.0			0.50	4.0		7.4	7.4	86		0.03	6	0.9	23.47	15.46	17.02
17.0	1054	2.0			0.52	4.1		6.8	6.9	79		0.05	7		24.52	14.90	17.93
17.0	1054	3.0			0.52	4.1		6.7	6.7	77		0.03	6		26.47	14.01	19.60
17.0	1054	4.0			0.54	4.4		6.6	6.7	77		0.05	7		27.23	13.67	20.26
17.0	1054	5.0			0.59	4.9		6.4	6.5	74		0.06	8		27.42	13.56	20.43
17.0	1054	6.0			0.59	5.0		6.3	6.4	73		0.08	9		28.15	13.18	21.06
17.0	1054	7.0			0.55	4.5		6.2	6.3	72		0.09	10		28.67	12.92	21.51
17.0	1054	8.0			0.55	4.5		6.2	6.3	72		0.10	10		29.07	12.72	21.86
17.0	1054	9.0			0.58	4.9		6.2	6.3	72		0.20	17		29.23	12.65	21.99
17.0	1054	10.0			0.61	5.2		6.2	6.4	72		0.26	20		29.26	12.63	22.02
17.0	1054	11.0			0.77	7.0		6.2	6.3	72		0.32	24		29.29	12.61	22.05
17.0	1054	12.0			0.92	8.7		6.2	6.4	72		0.56	39		29.33	12.60	22.08
17.0	1054	13.0			0.88	8.3		6.3	6.4	73		0.63	44		29.32	12.60	22.08
18.0	1035	1.0			0.42	3.0		5.8	6.0	68		0.04	6	0.8	29.77	12.36	22.47
18.0	1035	2.0	2.9	0.47	0.44	3.3		5.8	6.0	68	8.5	0.05	7		29.78	12.33	22.48
18.0	1035	3.0			0.49	3.8		5.8	6.0	68		0.05	7		29.78	12.33	22.48
18.0	1035	4.0			0.51	4.0		5.8	6.0	68		0.06	8		29.79	12.31	22.49
18.0	1035	5.0			0.50	4.0		5.8	6.0	67		0.06	8		29.80	12.31	22.50
18.0	1035	6.0			0.49	3.8		5.8	6.0	67		0.07	8		29.83	12.28	22.53
18.0	1035	7.0			0.50	3.9		5.8	6.0	67		0.08	9		29.84	12.27	22.54
18.0	1035	8.0			0.51	4.0		5.8	6.0	67		0.09	10		29.84	12.28	22.53
18.0	1035	9.0			0.52	4.1		5.8	6.0	67		0.09	10		29.86	12.26	22.55
18.0	1035	10.0			0.51	4.0		5.8	6.0	67		0.10	11		29.85	12.27	22.55
18.0	1035	11.0			0.49	3.8		5.7	5.9	67		0.10	10		29.87	12.26	22.56
18.0	1035	12.0			0.50	3.9		5.7	5.9	67		0.11	11		29.94	12.21	22.63
18.0	1035	13.0			0.51	4.1		5.7	5.9	67		0.11	11		30.01	12.17	22.69
18.0	1035	14.0			0.51	4.0		5.7	5.9	67		0.11	11		30.02	12.16	22.69
18.0	1035	15.0			0.50	4.0		5.7	5.9	67		0.12	11		30.02	12.16	22.70
18.0	1035	16.0			0.54	4.4		5.7	5.9	67		0.11	11		30.03	12.16	22.70
18.0	1035	17.0			0.55	4.5		5.7	5.9	67		0.11	11		30.03	12.15	22.71
18.0	1035	18.0			0.51	4.1		5.7	5.9	67		0.11	11		30.04	12.15	22.71
18.0	1035	19.0			0.54	4.4		5.8	5.9	67		0.10	10		30.04	12.15	22.71
18.0	1035	20.0			0.54	4.4		5.7	5.9	67		0.10	10		30.04	12.15	22.71
18.0	1035	21.0			0.53	4.2		5.8	5.9	67		0.10	10		30.04	12.15	22.71
18.0	1035	22.0			0.54	4.4		5.8	5.9	67		0.09	10		30.04	12.15	22.71
18.0	1035	23.0			0.53	4.2		5.8	6.0	67		0.09	10		30.04	12.15	22.71
18.0	1035	24.0			0.50	3.9		5.7	5.9	67		0.10	11		30.03	12.15	22.71
18.0	1035	25.0			0.55	4.5		5.8	5.9	67		0.11	11		30.03	12.15	22.71
18.0	1035	26.0			0.59	5.0		5.8	6.0	67		0.10	10		30.04	12.15	22.71

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
18.0	1035	27.0			0.55	4.5		5.8	6.0	67		0.10	10		30.04	12.15	22.71
18.0	1035	28.0			0.53	4.2		5.8	6.0	67		0.10	11		30.03	12.15	22.71
18.0	1035	29.0			0.52	4.2		5.8	6.0	67		0.10	10		30.03	12.15	22.71
18.0	1035	30.0			0.51	4.0		5.8	6.0	67		0.11	11		29.98	12.19	22.66
18.0	1035	31.0			0.50	3.9		5.8	6.0	67		0.10	10		29.98	12.19	22.66
18.0	1035	32.0			0.50	3.9		5.8	6.0	67		0.10	11		29.97	12.19	22.65
18.0	1035	33.0			0.51	4.0		5.8	6.0	67		0.10	10		29.95	12.21	22.63
18.0	1035	34.0			0.53	4.3		5.8	6.0	67		0.10	10		29.94	12.21	22.63
18.0	1035	35.0			0.53	4.3		5.8	6.0	67		0.09	10		29.95	12.21	22.63
18.0	1035	36.0			0.51	4.0		5.8	6.0	67		0.09	10		29.98	12.19	22.66
18.0	1035	37.0			0.55	4.5		5.7	5.9	67		0.09	9		29.98	12.19	22.66
18.0	1035	38.0			0.55	4.6		5.8	6.0	67		0.09	10		30.05	12.14	22.72
18.0	1035	39.0			0.52	4.2		5.7	5.9	67		0.09	10		30.04	12.15	22.72
18.0	1035	40.0			0.53	4.2		5.7	5.9	67		0.09	9		30.04	12.15	22.72
18.0	1035	41.0			0.53	4.3		5.7	5.9	67		0.09	9		30.07	12.14	22.74
20.0	1014	1.0			0.53	4.3		7.4	7.4	85		0.00	4		25.37	14.97	18.57
20.0	1014	2.0			0.54	4.4		7.3	7.3	84		0.00	4		25.51	14.80	18.72
20.0	1014	3.0			0.56	4.6		7.1	7.1	82		0.00	4		25.81	14.58	18.99
20.0	1014	4.0			0.54	4.4		6.6	6.7	77		0.00	4		26.24	14.30	19.37
20.0	1014	5.0			0.50	3.9		6.4	6.5	75		0.00	4		27.56	13.55	20.53
20.0	1014	6.0			0.48	3.7		6.3	6.4	73		0.03	6		28.26	13.20	21.14
20.0	1014	7.0			0.48	3.7		6.2	6.4	72		0.11	11		28.82	12.89	21.64
20.0	1014	8.0			0.50	3.9		6.2	6.4	72		0.22	18		28.94	12.82	21.74
20.0	1014	9.0			0.51	4.1		6.2	6.4	72		0.31	23		29.01	12.78	21.80
20.0	1014	10.0			0.54	4.4		6.2	6.3	72		0.39	29		29.06	12.75	21.84
20.0	1014	11.0			0.57	4.7		6.2	6.3	71		0.43	31		29.24	12.65	22.00
20.0	1014	12.0			0.57	4.7		6.2	6.3	71		0.57	40		29.29	12.62	22.05
20.0	1014	13.0			0.58	4.8		6.2	6.3	72		0.69	47		29.33	12.59	22.09
20.0	1014	14.0			0.59	5.0		6.2	6.3	71		0.67	46		29.35	12.59	22.10
20.0	1014	15.0			0.58	4.9		6.2	6.3	72		0.66	46		29.36	12.58	22.11
20.0	1014	16.0			0.59	4.9		6.2	6.3	72		0.67	46		29.35	12.58	22.10
20.0	1014	17.0			0.59	5.0		6.2	6.3	71		0.69	48		29.35	12.58	22.10
20.0	1014	18.0			0.60	5.1		6.2	6.3	71		0.75	51		29.36	12.58	22.11
20.0	1014	19.0			0.62	5.3		6.2	6.3	71		0.75	51		29.36	12.57	22.11
20.0	1014	20.0			0.67	5.9		6.2	6.3	71		0.77	52		29.35	12.58	22.10
20.0	1014	21.0			0.74	6.7		6.1	6.3	71		0.89	60		29.33	12.59	22.08
20.0	1014	22.0			0.78	7.1		6.1	6.3	71		1.18	78		29.31	12.60	22.07
20.0	1014	23.0			0.81	7.4		6.1	6.3	71		1.40	92		29.29	12.61	22.05
20.0	1014	24.0			0.82	7.6		6.1	6.3	71		1.66	109		29.29	12.61	22.05
20.0	1014	25.0			0.82	7.6		6.1	6.2	71		1.92	124		29.28	12.61	22.04
20.0	1014	26.0			0.88	8.3		6.1	6.2	71		2.06	134		29.28	12.62	22.04
20.0	1014	27.0			1.08	10.5		6.1	6.2	70		2.44	157		29.26	12.63	22.02

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
20.0	1014	28.0			1.11	10.9		6.1	6.3	71		3.19	205		29.25	12.63	22.01

	n	r^2	Slope	Inter.	Std. Err.
Fluorometer Calibration:	14	0.782	11.419	-1.769	1.440
OBS Calibration:	5	0.981	62.825	4.040	1.457
Dissolved Oxygen Calibration:	7	0.872	0.865	0.973	0.198

SeaBird v4.026

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
34.0	0615	1.0			1.80	21.5		7.1	6.9	86		1.80	77		15.61	21.79	9.61
34.0	0615	2.0			1.72	20.4		7.1	6.9	87	83.9	2.06	86		15.65	21.74	9.65
34.0	0615	3.0			1.63	19.1		6.9	6.6	83		2.50	103		15.77	21.64	9.76
34.0	0615	4.0			1.59	18.6		6.8	6.5	81		2.72	111		15.86	21.57	9.85
34.0	0615	5.0			1.53	17.8		6.8	6.4	80		3.11	126		15.94	21.50	9.92
34.0	0615	6.0			1.49	17.1		6.7	6.3	79		3.39	136		16.06	21.43	10.03
34.0	0615	7.0			1.41	16.0		6.7	6.3	78		3.58	144		16.30	21.27	10.25
34.0	0615	8.0			1.40	15.8		6.8	6.5	81		3.72	149		16.70	20.93	10.64
32.0	0645	1.0			0.90	8.7		7.4	7.3	91		0.49	27	2.8	17.17	21.09	10.95
32.0	0645	2.0	9.9	0.72	0.88	8.4	7.3	7.4	7.3	91	39.1	0.49	27		17.49	20.95	11.23
32.0	0645	3.0			0.87	8.3		7.2	7.0	87		0.51	28		17.64	20.84	11.37
32.0	0645	4.0			0.88	8.4		7.1	6.9	86		0.58	31		17.66	20.77	11.40
32.0	0645	5.0			0.87	8.2		7.1	6.9	86		0.65	34		17.74	20.69	11.48
32.0	0645	6.0			0.83	7.7		7.1	6.9	85		0.75	37		17.84	20.63	11.57
32.0	0645	7.0			0.82	7.6		7.1	6.9	85		1.00	47		17.96	20.54	11.69
32.0	0645	8.0			0.85	7.9		7.1	6.9	85		1.15	53		18.05	20.46	11.77
32.0	0645	9.0			0.85	8.0		7.1	6.9	86		1.32	59		18.14	20.44	11.85
32.0	0645	10.0	7.5	0.35	0.84	7.8		7.2	6.9	86		1.55	67		18.20	20.39	11.90
30.0	0714	1.0			0.71	6.0		7.4	7.3	91		0.32	21	2.2	18.72	20.18	12.35
30.0	0714	2.0	7.1	0.73	0.70	5.8		7.4	7.3	90		0.35	22		18.90	20.04	12.52
30.0	0714	3.0			0.69	5.7		7.3	7.2	89		0.38	23		19.02	19.90	12.64
30.0	0714	4.0			0.71	6.0		7.3	7.2	88		0.41	24		19.10	19.78	12.73
30.0	0714	5.0			0.71	5.9		7.3	7.1	88		0.44	26		19.20	19.65	12.84
30.0	0714	6.0			0.72	6.0		7.4	7.2	89		0.49	28		19.33	19.50	12.97
30.0	0714	7.0			0.71	6.0		7.3	7.2	88		0.55	30		19.37	19.49	13.01
30.0	0714	8.0			0.69	5.6		7.2	7.0	86		0.68	35		19.50	19.36	13.14
30.0	0714	9.0			0.67	5.4		7.2	7.0	86		0.77	38		19.69	19.07	13.34
30.0	0714	10.0			0.68	5.5		7.2	7.0	85		0.93	44		19.71	19.01	13.38
30.0	0714	11.0			0.71	6.0		7.2	7.0	86		1.45	64		19.74	18.98	13.40
30.0	0714	12.0	6.0	0.31	0.72	6.0	7.2	7.3	7.1	86		2.34	97		19.74	18.99	13.41
29.0	0740	1.0			0.72	6.0		7.4	7.3	89		0.17	16	1.6	19.70	19.20	13.33
29.0	0740	2.0			0.67	5.3		7.4	7.3	89		0.18	16		19.97	18.98	13.57
29.0	0740	3.0			0.63	4.9		7.4	7.3	89		0.20	17		20.07	18.88	13.68
29.0	0740	4.0			0.60	4.5		7.5	7.4	90		0.22	17		20.18	18.76	13.79
29.0	0740	5.0			0.59	4.2		7.5	7.4	90		0.24	18		20.21	18.73	13.82
29.0	0740	6.0			0.57	4.0		7.5	7.4	90		0.25	18		20.34	18.61	13.95
29.0	0740	7.0			0.58	4.1		7.5	7.5	91		0.26	19		20.39	18.57	13.99
29.0	0740	8.0			0.58	4.1		7.5	7.5	90		0.29	20		20.41	18.55	14.01
29.0	0740	9.0			0.58	4.2		7.5	7.5	91		0.32	21		20.46	18.50	14.06
29.0	0740	10.0			0.58	4.1		7.5	7.5	91		0.37	23		20.49	18.47	14.09

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
29.0	0740	11.0			0.56	3.9		7.6	7.5	91		0.41	25		20.54	18.41	14.14
29.0	0740	12.0			0.56	3.8		7.6	7.6	91		0.47	27		20.56	18.38	14.16
29.0	0740	13.0			0.56	3.9		7.6	7.6	91		0.61	32		20.57	18.38	14.17
29.0	0740	14.0			0.58	4.1		7.6	7.6	92		0.71	36		20.58	18.37	14.18
29.0	0740	15.0			0.59	4.2		7.6	7.6	92		0.84	41		20.58	18.37	14.18
27.0	0807	1.0			0.65	5.1		7.9	8.0	97		0.11	13	1.4	20.48	18.41	14.10
27.0	0807	2.0	5.2	0.74	0.60	4.4		7.9	8.0	96	11.4	0.12	14		20.54	18.34	14.16
27.0	0807	3.0			0.55	3.7		7.9	8.0	96		0.13	14		20.61	18.30	14.22
27.0	0807	4.0			0.55	3.6		7.9	8.0	97		0.14	14		20.68	18.25	14.28
27.0	0807	5.0			0.55	3.6		8.0	8.1	97		0.15	15		20.76	18.19	14.36
27.0	0807	6.0			0.54	3.5		8.0	8.2	98		0.15	15		20.82	18.16	14.41
27.0	0807	7.0			0.54	3.5		8.0	8.2	98		0.15	15		20.91	18.10	14.50
27.0	0807	8.0			0.57	3.9		8.1	8.2	99		0.18	16		20.96	18.06	14.54
27.0	0807	9.0			0.57	4.0		8.1	8.3	99		0.32	21		20.97	18.05	14.55
27.0	0807	10.0			0.60	4.4		8.1	8.3	100		0.49	28		20.97	18.05	14.55
27.0	0807	11.0			0.62	4.7		8.1	8.3	100		0.64	33		20.97	18.05	14.55
27.0	0807	12.0	4.7	0.21	0.61	4.6		8.1	8.3	100		0.76	38		20.97	18.04	14.55
25.0	0836	1.0			0.75	6.5		9.2	9.8	117		0.03	10	0.8	22.43	17.11	15.87
25.0	0836	2.0			0.74	6.5		9.2	9.8	117		0.02	10		22.43	17.10	15.88
25.0	0836	3.0			0.76	6.7		9.2	9.8	117		0.02	10		22.44	17.09	15.88
25.0	0836	4.0			0.76	6.7		9.2	9.8	117		0.01	10		22.44	17.09	15.88
25.0	0836	5.0			0.76	6.7		9.2	9.8	117		0.02	10		22.45	17.08	15.89
25.0	0836	6.0			0.78	6.9		9.2	9.8	117		0.02	10		22.45	17.07	15.90
25.0	0836	7.0			0.78	6.9		9.2	9.9	117		0.03	10		22.46	17.07	15.90
25.0	0836	8.0			0.77	6.9		9.2	9.8	117		0.04	10		22.45	17.07	15.90
25.0	0836	9.0			0.78	7.0		9.2	9.9	117		0.06	11		22.45	17.07	15.90
24.0	0857	1.0			0.96	9.6		8.5	8.8	105		0.00	9	0.8	22.80	16.97	16.18
24.0	0857	2.0	5.2	0.78	0.80	7.2	8.6	8.1	8.4	98	2.4	0.00	9		23.68	16.11	17.04
24.0	0857	3.0			0.68	5.5		8.2	8.4	98		0.00	9		24.24	15.62	17.57
24.0	0857	4.0			0.63	4.8		8.2	8.4	99		0.05	11		24.27	15.59	17.60
24.0	0857	5.0			0.61	4.6		8.2	8.5	99		0.11	13		24.30	15.56	17.63
24.0	0857	6.0			0.60	4.4		8.2	8.5	99		0.16	15		24.32	15.54	17.65
24.0	0857	7.0			0.59	4.3		8.2	8.5	99		0.19	16		24.34	15.52	17.67
24.0	0857	8.0			0.62	4.7		8.2	8.5	99		0.23	18		24.35	15.51	17.68
24.0	0857	9.0			0.65	5.2		8.2	8.5	99		0.30	20		24.37	15.49	17.69
24.0	0857	10.0	3.0	0.17	0.65	5.1		8.3	8.5	99		0.41	25		24.37	15.49	17.69
22.0	0932	1.0			0.62	4.6		7.9	8.0	93		0.00	9	0.7	24.20	15.64	17.53
22.0	0932	2.0			0.61	4.5		7.7	7.8	90		0.00	9		24.28	15.44	17.64
22.0	0932	3.0			0.57	3.9		7.7	7.7	89		0.00	9		24.47	15.20	17.83

South San Francisco Bay May 1, 1996 96122

STN	TIME	DEPTH	DISCR CHL a	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	0932	4.0			0.56	3.8		7.7	7.7	89		0.00	9		24.65	15.17	17.97
22.0	0932	5.0			0.56	3.8		7.6	7.7	89		0.01	9		24.73	15.15	18.04
22.0	0932	6.0			0.57	4.0		7.6	7.6	88		0.03	10		24.86	15.12	18.15
22.0	0932	7.0			0.58	4.2		7.6	7.6	88		0.04	11		25.04	15.06	18.30
22.0	0932	8.0			0.58	4.1		7.6	7.6	88		0.08	12		25.10	15.04	18.35
22.0	0932	9.0			0.58	4.1		7.6	7.6	88		0.09	13		25.16	15.01	18.40
22.0	0932	10.0			0.59	4.3		7.6	7.5	87		0.12	14		25.19	15.00	18.42
22.0	0932	11.0			0.61	4.6		7.5	7.5	87		0.15	15		25.25	14.96	18.48
22.0	0932	12.0			0.64	5.0		7.5	7.5	87		0.25	18		25.32	14.92	18.54
22.0	0932	13.0			0.69	5.7		7.5	7.5	87		0.38	23		25.33	14.91	18.55
22.0	0932	14.0			0.72	6.2		7.5	7.5	87		0.39	24		25.34	14.90	18.56
22.0	0932	15.0			0.76	6.7		7.5	7.5	87		0.50	28		25.34	14.90	18.56
22.0	0932	16.0			0.83	7.7		7.5	7.5	87		0.72	36		25.33	14.91	18.56
22.0	0932	17.0			0.89	8.5		7.5	7.5	87		0.79	39		25.34	14.90	18.56
22.0	0932	18.0			1.00	10.1		7.5	7.5	87		0.95	45		25.34	14.90	18.56
22.0	0932	19.0			1.02	10.4		7.5	7.5	87		1.77	76		25.33	14.90	18.56
21.0	0951	1.0			0.56	3.9		7.8	7.9	93		0.02	10	0.8	24.46	15.96	17.67
21.0	0951	2.0	4.0	0.67	0.58	4.2	7.5	7.8	7.9	92		0.02	10		24.79	15.65	17.99
21.0	0951	3.0			0.61	4.6		7.7	7.8	91		0.03	10		24.90	15.55	18.09
21.0	0951	4.0			0.62	4.7		7.6	7.6	89		0.03	10		25.01	15.47	18.19
21.0	0951	5.0			0.62	4.7		7.5	7.4	86		0.04	11		25.21	15.28	18.38
21.0	0951	6.0			0.60	4.4		7.3	7.2	84		0.06	11		25.44	15.02	18.61
21.0	0951	7.0			0.58	4.2		7.3	7.1	83		0.09	12		25.76	14.69	18.92
21.0	0951	8.0			0.57	4.0		7.2	7.0	81		0.10	13		25.82	14.62	18.99
21.0	0951	9.0			0.57	4.0		6.9	6.6	76		0.12	14		26.03	14.44	19.18
21.0	0951	10.0			0.56	3.8		6.9	6.5	75		0.15	15		26.67	13.94	19.77
21.0	0951	11.0			0.57	4.0		6.8	6.5	74		0.20	17		26.98	13.76	20.04
21.0	0951	12.0			0.60	4.4		6.8	6.5	74		0.31	21		27.12	13.69	20.17
21.0	0951	13.0			0.60	4.4		6.9	6.5	74		0.40	24		27.16	13.67	20.20
21.0	0951	14.0			0.61	4.5		6.8	6.5	74		0.41	25		27.17	13.67	20.21
21.0	0951	15.0			0.62	4.6		6.9	6.5	75		0.41	25		27.17	13.67	20.21
21.0	0951	16.0			0.63	4.8		6.9	6.5	75		0.45	26		27.19	13.66	20.23
21.0	0951	17.0			0.64	4.9		6.9	6.5	74		0.45	26		27.20	13.66	20.23
21.0	0951	18.0	5.7	0.39	0.63	4.8		6.9	6.6	75		0.50	28		27.22	13.65	20.25

	n	r^2	Slope	Inter.	Std. Err.
Fluorometer Calibration:	10	0.594	14.317	-4.201	1.329
OBS Calibration:	4	0.952	37.608	9.100	9.803
Dissolved Oxygen Calibration:	4	0.850	1.422	-3.220	0.292

SeaBird v4.026

South San Francisco Bay MAY 9, 1996 96130

STN	TIME	DEPTH	DISCR CHL a	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	0841	1.0			0.92	8.6		7.3	6.7	78		0.94	64	4.3	18.02	17.60	12.40
36.0	0841	2.0	8.2	0.73	0.93	8.7	6.8	7.3	6.6	78	60.6	0.93	63		18.10	17.59	12.46
36.0	0841	3.0			0.93	8.7		7.3	6.6	78		1.00	67		18.10	17.58	12.47
36.0	0841	4.0			0.94	8.8		7.3	6.7	79		1.07	72		18.15	17.59	12.51
36.0	0841	5.0			0.98	9.2		7.3	6.7	79		1.14	77		18.30	17.69	12.60
36.0	0841	6.0			1.03	9.8		7.3	6.7	79		1.20	80		18.48	17.82	12.70
36.0	0841	7.0			1.19	11.5		7.2	6.6	78		1.30	86		18.50	17.86	12.71
36.0	0841	8.0	12.1	0.44	1.23	11.9		7.2	6.6	78		2.26	148		18.45	17.86	12.68
35.0	0854	1.0			0.84	7.7		7.6	7.0	82		0.61	42	3.1	18.02	17.53	12.41
35.0	0854	2.0			0.83	7.6		7.7	7.1	83		0.61	42		18.11	17.56	12.48
35.0	0854	3.0			0.85	7.9		7.6	7.1	83		0.60	42		18.32	17.66	12.62
35.0	0854	4.0			0.88	8.2		7.5	6.9	82		0.61	43		18.72	17.90	12.87
35.0	0854	5.0			0.89	8.3		7.5	6.9	82		0.73	50		18.82	17.95	12.94
35.0	0854	6.0			0.88	8.2		7.4	6.8	81		0.90	61		18.93	18.02	13.00
35.0	0854	7.0			0.88	8.2		7.4	6.8	81		1.21	81		18.98	18.05	13.04
35.0	0854	8.0			0.87	8.0		7.4	6.8	81		1.79	118		19.06	18.09	13.09
35.0	0854	9.0			0.86	7.9		7.3	6.7	80		2.57	168		19.10	18.10	13.12
34.0	0904	1.0			0.90	8.4		7.6	7.0	81		1.10	74	4.7	18.02	17.27	12.47
34.0	0904	2.0			0.89	8.3		7.6	7.0	81		1.18	79		18.06	17.27	12.50
34.0	0904	3.0			0.94	8.8		7.6	7.0	82		1.20	80		18.10	17.29	12.53
34.0	0904	4.0			1.00	9.4		7.6	7.0	81		1.20	80		18.27	17.34	12.65
34.0	0904	5.0			1.02	9.7		7.5	7.0	81		1.35	90		18.34	17.39	12.69
34.0	0904	6.0			1.02	9.6		7.5	6.9	81		1.53	101		18.52	17.46	12.82
33.0	0916	1.0			0.85	7.8		7.5	6.9	81		0.89	60	3.1	18.77	17.70	12.96
33.0	0916	2.0			0.87	8.0		7.5	6.9	81		0.97	66		18.76	17.69	12.95
33.0	0916	3.0			0.87	8.1		7.5	6.9	81		0.99	67		18.83	17.71	12.99
33.0	0916	4.0			0.88	8.1		7.5	6.9	81		1.04	70		18.83	17.70	12.99
33.0	0916	5.0			0.88	8.1		7.5	6.9	81		1.08	73		18.85	17.70	13.01
33.0	0916	6.0			0.86	7.9		7.5	6.9	81		1.16	77		18.85	17.71	13.01
33.0	0916	7.0			0.86	8.0		7.5	6.9	81		1.11	74		18.82	17.69	13.00
33.0	0916	8.0			0.87	8.0		7.5	6.9	82		1.24	83		18.90	17.72	13.05
33.0	0916	9.0			0.88	8.1		7.5	6.9	82		1.65	109		19.01	17.77	13.12
33.0	0916	10.0			0.93	8.7		7.5	6.9	82		1.95	128		19.10	17.82	13.18
33.0	0916	11.0			0.94	8.8		7.5	6.9	82		2.20	144		19.11	17.83	13.19
32.0	0927	1.0			0.78	7.1		7.4	6.8	81		0.82	56	3.2	19.07	17.79	13.16
32.0	0927	2.0	7.6	0.65	0.78	7.1	6.9	7.5	6.9	81	60.7	0.90	61		19.10	17.80	13.18
32.0	0927	3.0			0.77	7.0		7.5	6.9	81		0.93	63		19.14	17.81	13.21
32.0	0927	4.0			0.80	7.3		7.5	6.9	82		0.95	64		19.17	17.83	13.23
32.0	0927	5.0			0.82	7.5		7.5	6.9	82		1.01	68		19.22	17.85	13.26

South San Francisco Bay MAY 9, 1996 96130

STN	TIME	DEPTH	DISCR CHL a	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	0927	6.0			0.83	7.7		7.5	6.9	81		1.14	76		19.23	17.85	13.27
32.0	0927	7.0			0.84	7.8		7.5	6.9	82		1.26	84		19.25	17.86	13.28
32.0	0927	8.0			0.85	7.8		7.5	6.9	81		1.41	93		19.27	17.87	13.30
32.0	0927	9.0			0.86	8.0		7.5	6.9	81		1.65	109		19.30	17.88	13.31
32.0	0927	10.0			0.87	8.1		7.5	6.9	81		1.77	117		19.30	17.88	13.31
32.0	0927	11.0			0.91	8.5		7.5	6.9	81		1.91	126		19.30	17.88	13.32
32.0	0927	12.0	8.9	0.44	0.93	8.7		7.5	6.9	81		2.56	167		19.31	17.89	13.32
31.0	0938	1.0			0.73	6.6		7.4	6.8	81		0.63	44	2.6	19.47	17.93	13.43
31.0	0938	2.0			0.73	6.5		7.4	6.8	81		0.67	46		19.55	17.94	13.49
31.0	0938	3.0			0.73	6.6		7.4	6.8	81		0.85	58		19.59	17.95	13.53
31.0	0938	4.0			0.77	7.0		7.4	6.8	81		1.19	80		19.63	17.97	13.55
31.0	0938	5.0			0.82	7.5		7.4	6.8	81		1.58	104		19.67	18.01	13.57
31.0	0938	6.0			0.86	7.9		7.4	6.8	81		1.91	126		19.70	18.04	13.59
31.0	0938	7.0			0.88	8.1		7.4	6.8	81		2.38	156		19.75	18.08	13.61
31.0	0938	8.0			0.88	8.2		7.4	6.8	81		3.20	208		19.76	18.08	13.62
31.0	0938	9.0			0.90	8.4		7.4	6.8	81		3.34	217		19.76	18.09	13.63
31.0	0938	10.0			0.91	8.5		7.4	6.8	81		3.63	235		19.77	18.09	13.63
31.0	0938	11.0			0.94	8.8		7.4	6.8	81		3.75	243		19.78	18.10	13.63
31.0	0938	12.0			0.94	8.8		7.4	6.8	81		4.75	307		19.82	18.12	13.66
30.0	0956	1.0			0.63	5.5		7.5	6.9	83		0.49	35	2.6	19.92	18.09	13.74
30.0	0956	2.0	4.9	0.64	0.63	5.5	6.6	7.5	6.9	82	42.0	0.52	37		20.00	18.08	13.81
30.0	0956	3.0			0.61	5.3		7.5	6.9	82		0.56	40		20.07	18.10	13.85
30.0	0956	4.0			0.64	5.6		7.4	6.8	82		0.64	44		20.12	18.12	13.89
30.0	0956	5.0			0.66	5.9		7.4	6.8	82		0.71	49		20.17	18.12	13.93
30.0	0956	6.0			0.66	5.8		7.4	6.8	82		0.81	55		20.22	18.11	13.96
30.0	0956	7.0			0.65	5.7		7.4	6.8	82		0.91	62		20.23	18.11	13.97
30.0	0956	8.0			0.65	5.7		7.4	6.8	82		0.98	66		20.25	18.11	13.99
30.0	0956	9.0			0.66	5.8		7.4	6.8	81		1.04	70		20.27	18.11	14.01
30.0	0956	10.0			0.65	5.7		7.4	6.8	81		1.09	73		20.28	18.10	14.02
30.0	0956	11.0			0.65	5.7		7.4	6.8	81		1.11	74		20.28	18.10	14.02
30.0	0956	12.0			0.65	5.7		7.4	6.8	81		1.13	76		20.29	18.10	14.02
30.0	0956	13.0			0.64	5.6		7.4	6.8	81		1.22	81		20.32	18.10	14.04
30.0	0956	14.0			0.60	5.1		7.4	6.8	81		1.34	89		20.33	18.10	14.05
30.0	0956	15.0	4.7	0.44	0.58	5.0		7.4	6.8	82		1.46	97		20.32	18.10	14.05
29.5	1008	1.0			0.53	4.5		7.4	6.8	81		0.39	28	2.3	20.26	17.72	14.08
29.5	1008	2.0			0.53	4.4		7.4	6.8	81		0.42	30		20.27	17.71	14.09
29.5	1008	3.0			0.51	4.3		7.5	6.9	82		0.44	32		20.29	17.73	14.11
29.5	1008	4.0			0.51	4.3		7.5	6.9	83		0.45	32		20.48	17.87	14.22
29.5	1008	5.0			0.54	4.5		7.4	6.8	82		0.58	40		20.67	17.99	14.34
29.5	1008	6.0			0.56	4.7		7.4	6.8	82		0.80	55		20.68	17.99	14.34

South San Francisco Bay MAY 9, 1996 96130

STN	TIME	DEPTH	DISCR CHL a	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	1008	7.0			0.56	4.8		7.4	6.8	82		0.87	59		20.69	17.99	14.35
29.5	1008	8.0			0.57	4.8		7.4	6.8	82		0.92	62		20.69	18.00	14.35
29.5	1008	9.0			0.57	4.9		7.4	6.8	82		0.96	65		20.70	18.00	14.36
29.5	1008	10.0			0.58	5.0		7.4	6.8	82		1.01	68		20.70	18.00	14.36
29.5	1008	11.0			0.59	5.1		7.4	6.8	82		1.05	70		20.71	18.00	14.36
29.5	1008	12.0			0.59	5.1		7.4	6.8	82		1.10	74		20.72	17.99	14.37
29.5	1008	13.0			0.61	5.3		7.4	6.8	82		1.15	77		20.72	17.99	14.37
29.5	1008	14.0			0.62	5.4		7.4	6.8	82		1.14	76		20.72	17.99	14.37
29.0	1019	1.0			0.48	3.9		7.4	6.8	81		0.25	19	1.9	20.78	18.05	14.41
29.0	1019	2.0			0.49	4.0		7.4	6.8	82		0.32	24		20.92	17.88	14.55
29.0	1019	3.0			0.49	4.0		7.4	6.8	82		0.43	31		20.96	17.86	14.59
29.0	1019	4.0			0.48	3.9		7.4	6.8	82		0.58	41		21.01	17.86	14.63
29.0	1019	5.0			0.48	3.9		7.4	6.8	82		0.60	42		21.01	17.86	14.62
29.0	1019	6.0			0.49	4.0		7.4	6.8	82		0.61	42		21.01	17.86	14.63
29.0	1019	7.0			0.50	4.2		7.4	6.8	82		0.62	43		21.01	17.86	14.63
29.0	1019	8.0			0.50	4.1		7.4	6.8	82		0.65	45		21.03	17.85	14.64
29.0	1019	9.0			0.50	4.1		7.4	6.9	82		0.66	45		21.03	17.86	14.64
29.0	1019	10.0			0.51	4.3		7.4	6.8	82		0.72	50		21.06	17.85	14.66
29.0	1019	11.0			0.53	4.4		7.5	6.9	82		0.80	55		21.08	17.85	14.68
29.0	1019	12.0			0.53	4.5		7.5	6.9	82		0.82	56		21.08	17.85	14.68
29.0	1019	13.0			0.55	4.7		7.4	6.9	82		0.88	59		21.08	17.85	14.68
29.0	1019	14.0			0.56	4.7		7.5	6.9	82		0.91	62		21.08	17.85	14.68
28.0	1032	1.0			0.48	3.9		7.5	6.9	83		0.34	25	1.7	21.08	17.91	14.66
28.0	1032	2.0			0.49	4.0		7.5	6.9	83		0.36	26		21.10	17.88	14.69
28.0	1032	3.0			0.47	3.8		7.5	6.9	83		0.41	30		21.19	17.84	14.76
28.0	1032	4.0			0.47	3.8		7.5	6.9	83		0.47	33		21.22	17.84	14.79
28.0	1032	5.0			0.48	4.0		7.5	6.9	83		0.50	35		21.27	17.83	14.83
28.0	1032	6.0			0.49	4.0		7.5	6.9	83		0.53	37		21.29	17.83	14.84
28.0	1032	7.0			0.50	4.1		7.5	6.9	83		0.55	38		21.32	17.83	14.87
28.0	1032	8.0			0.51	4.3		7.5	6.9	83		0.58	41		21.36	17.83	14.90
28.0	1032	9.0			0.51	4.3		7.5	6.9	83		0.61	42		21.35	17.83	14.89
28.0	1032	10.0			0.51	4.3		7.5	6.9	83		0.65	45		21.39	17.82	14.92
28.0	1032	11.0			0.50	4.1		7.5	6.9	83		0.68	47		21.40	17.82	14.93
28.0	1032	12.0			0.49	4.0		7.5	6.9	83		0.70	48		21.42	17.82	14.94
28.0	1032	13.0			0.51	4.2		7.5	6.9	83		0.74	51		21.43	17.82	14.95
28.0	1032	14.0			0.52	4.3		7.5	6.9	83		0.79	54		21.45	17.82	14.97
27.0	1047	1.0			0.45	3.6		7.6	7.1	85		0.18	15	1.2	21.52	17.84	15.01
27.0	1047	2.0	2.6	0.63	0.45	3.6	7.2	7.7	7.1	85	13.3	0.19	16		21.78	17.75	15.23
27.0	1047	3.0			0.44	3.5		7.7	7.1	85		0.21	17		21.74	17.75	15.21
27.0	1047	4.0			0.45	3.6		7.6	7.1	85		0.22	17		21.67	17.77	15.15

South San Francisco Bay MAY 9, 1996 96130

STN	TIME	DEPTH	DISCR CHL a	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	1047	5.0			0.45	3.6		7.7	7.1	85		0.22	18		21.78	17.75	15.23
27.0	1047	6.0			0.46	3.7		7.7	7.1	85		0.23	18		22.00	17.70	15.41
27.0	1047	7.0			0.47	3.8		7.7	7.1	85		0.27	21		22.20	17.66	15.58
27.0	1047	8.0			0.48	3.9		7.7	7.1	85		0.33	25		22.29	17.64	15.65
27.0	1047	9.0			0.48	4.0		7.7	7.1	85		0.44	32		22.36	17.61	15.71
27.0	1047	10.0	3.3	0.40	0.48	4.0		7.7	7.1	85		0.50	35		22.36	17.61	15.71
26.0	1058	1.0			0.45	3.6		7.7	7.1	85		0.06	8	1.2	21.70	17.89	15.14
26.0	1058	2.0			0.46	3.7		7.7	7.1	85		0.07	8		21.87	17.74	15.30
26.0	1058	3.0			0.46	3.7		7.6	7.0	84		0.08	8		22.12	17.64	15.52
26.0	1058	4.0			0.45	3.6		7.6	7.0	84		0.08	8		22.49	17.50	15.83
26.0	1058	5.0			0.43	3.4		7.6	7.0	84		0.08	9		22.78	17.34	16.09
26.0	1058	6.0			0.42	3.2		7.6	7.0	84		0.07	8		23.22	17.12	16.47
26.0	1058	7.0			0.42	3.3		7.7	7.1	85		0.05	7		23.45	16.98	16.68
26.0	1058	8.0			0.42	3.3		7.8	7.2	86		0.05	7		23.56	16.91	16.78
26.0	1058	9.0			0.42	3.3		7.8	7.2	86		0.04	6		23.62	16.87	16.83
26.0	1058	10.0			0.42	3.3		7.8	7.2	86		0.04	6		23.67	16.85	16.87
25.0	1111	1.0			0.46	3.7		8.2	7.7	92		0.00	3	0.7	22.87	17.28	16.17
25.0	1111	2.0			0.48	3.9		8.1	7.5	90		0.00	3		22.84	17.29	16.15
25.0	1111	3.0			0.50	4.1		8.1	7.5	90		0.00	3		23.19	17.08	16.45
25.0	1111	4.0			0.51	4.2		8.1	7.6	91		0.00	3		23.37	16.96	16.62
25.0	1111	5.0			0.49	4.1		8.2	7.6	91		0.00	3		23.42	16.92	16.67
25.0	1111	6.0			0.48	4.0		8.1	7.6	90		0.00	3		23.47	16.89	16.71
25.0	1111	7.0			0.49	4.0		8.2	7.6	91		0.01	4		23.62	16.79	16.85
24.0	1126	1.0			0.63	5.5		8.7	8.2	98		0.00	3	0.6	24.20	16.50	17.36
24.0	1126	2.0	5.8	0.87	0.66	5.8	8.3	8.8	8.3	98	2.0	0.00	3		24.35	16.29	17.51
24.0	1126	3.0			0.72	6.4		8.8	8.3	98		0.00	3		24.43	16.18	17.59
24.0	1126	4.0			0.73	6.6		8.8	8.3	98		0.00	3		24.46	16.14	17.63
24.0	1126	5.0			0.72	6.5		8.8	8.3	97		0.00	3		24.53	16.07	17.70
24.0	1126	6.0			0.71	6.4		8.7	8.2	97		0.00	3		24.59	16.02	17.75
24.0	1126	7.0			0.69	6.2		8.7	8.2	97		0.00	3		24.64	15.98	17.81
24.0	1126	8.0			0.67	6.0		8.7	8.2	97		0.00	3		24.67	15.96	17.83
24.0	1126	9.0	6.0	0.85	0.67	6.0		8.8	8.3	97		0.00	3		24.69	15.95	17.85
23.0	1137	1.0			0.51	4.2		8.7	8.2	97		0.00	3	0.7	24.77	16.15	17.87
23.0	1137	2.0			0.53	4.5		8.6	8.1	96		0.00	3		24.79	16.06	17.90
23.0	1137	3.0			0.56	4.7		8.6	8.1	96		0.00	3		24.80	15.98	17.93
23.0	1137	4.0			0.57	4.8		8.6	8.0	95		0.00	3		24.80	15.96	17.93
23.0	1137	5.0			0.57	4.9		8.5	8.0	94		0.00	3		24.82	15.89	17.96
23.0	1137	6.0			0.56	4.8		8.5	8.0	94		0.00	3		24.96	15.82	18.08
23.0	1137	7.0			0.54	4.6		8.5	8.0	94		0.00	3		25.05	15.77	18.16

South San Francisco Bay MAY 9, 1996 96130

STN	TIME	DEPTH	DISCR CHL a	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	1137	8.0			0.54	4.5		8.5	8.0	94		0.00	3		25.08	15.76	18.18
23.0	1137	9.0			0.53	4.5		8.4	7.9	93		0.00	3		25.10	15.73	18.21
23.0	1137	10.0			0.52	4.4		8.4	7.9	93		0.00	3		25.23	15.63	18.32
23.0	1137	11.0			0.53	4.4		8.4	7.9	93		0.00	3		25.26	15.61	18.35
23.0	1137	12.0			0.53	4.4		8.4	7.9	92		0.01	4		25.30	15.58	18.39
23.0	1137	13.0			0.51	4.2		8.4	7.9	92		0.01	4		25.33	15.55	18.42
23.0	1137	14.0			0.51	4.2		8.4	7.9	93		0.02	5		25.36	15.53	18.44
22.0	1155	1.0			0.47	3.8		8.6	8.1	96		0.00	3	0.5	24.83	16.12	17.91
22.0	1155	2.0			0.47	3.8		8.4	7.8	93		0.00	3		24.82	16.10	17.92
22.0	1155	3.0			0.51	4.2		8.3	7.8	92		0.00	3		25.03	15.71	18.16
22.0	1155	4.0			0.52	4.3		8.3	7.8	91		0.00	3		25.36	15.50	18.45
22.0	1155	5.0			0.53	4.4		8.3	7.8	91		0.00	3		25.48	15.46	18.55
22.0	1155	6.0			0.52	4.4		8.3	7.7	91		0.00	3		25.58	15.43	18.64
22.0	1155	7.0			0.50	4.1		8.2	7.7	90		0.00	3		25.65	15.37	18.70
22.0	1155	8.0			0.47	3.8		8.2	7.7	90		0.00	3		25.70	15.32	18.75
22.0	1155	9.0			0.46	3.7		8.2	7.6	90		0.00	3		25.70	15.32	18.75
22.0	1155	10.0			0.46	3.7		8.1	7.6	89		0.00	3		25.72	15.30	18.77
22.0	1155	11.0			0.45	3.6		8.1	7.6	89		0.00	3		25.75	15.26	18.80
22.0	1155	12.0			0.44	3.5		8.1	7.6	89		0.00	3		25.76	15.23	18.82
22.0	1155	13.0			0.44	3.4		8.1	7.6	88		0.00	3		25.77	15.22	18.83
22.0	1155	14.0			0.43	3.3		8.1	7.5	88		0.00	3		25.78	15.21	18.83
22.0	1155	15.0			0.43	3.4		8.1	7.6	88		0.00	3		25.79	15.19	18.84
22.0	1155	16.0			0.42	3.3		8.1	7.5	88		0.00	4		25.79	15.19	18.84
22.0	1155	17.0			0.42	3.2		8.1	7.5	88		0.00	4		25.79	15.18	18.85
21.0	1208	1.0			0.46	3.7		8.1	7:6	91		0.03	5	0.6	23.95	16.90	17.08
21.0	1208	2.0	2.1	0.81	0.49	4.1	7.6	8.1	7.6	90	5.9	0.02	5		24.14	16.54	17.30
21.0	1208	3.0			0.52	4.3		8.1	7.6	90		0.02	4		24.49	16.29	17.62
21.0	1208	4.0			0.50	4.2		8.0	7.5	89		0.00	3		24.73	16.12	17.84
21.0	1208	5.0			0.50	4.1		8.0	7.5	88		0.00	3		24.92	15.97	18.02
21.0	1208	6.0			0.51	4.2		8.0	7.5	88		0.00	3		25.00	15.91	18.09
21.0	1208	7.0			0.51	4.3		8.0	7.5	88		0.00	3		25.02	15.89	18.11
21.0	1208	8.0			0.50	4.2		7.9	7.4	87		0.00	3		25.04	15.86	18.14
21.0	1208	9.0			0.48	3.9		7.9	7.3	86		0.00	3		25.28	15.68	18.35
21.0	1208	10.0			0.46	3.7		7.8	7.3	85		0.00	3		25.47	15.56	18.52
21.0	1208	11.0			0.44	3.5		7.8	7.2	85		0.00	3		25.59	15.47	18.64
21.0	1208	12.0			0.44	3.5		7.8	7.2	84		0.01	4		25.74	15.36	18.77
21.0	1208	13.0			0.45	3.6		7.8	7.2	84		0.00	3		25.79	15.33	18.82
21.0	1208	14.0			0.46	3.7		7.8	7.2	84		0.00	3		25.82	15.31	18.84
21.0	1208	15.0			0.48	3.9		7.8	7.2	84		0.00	3		25.83	15.30	18.86
21.0	1208	16.0			0.47	3.8		7.8	7.2	84		0.00	3		25.84	15.30	18.86
21.0	1208	17.0			0.44	3.5		7.8	7.2	84		0.02	5		25.85	15.29	18.87

South San Francisco Bay MAY 9, 1996 96130

STN	TIME	DEPTH	DISCR CHL a	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	1208	18.0	7.6	0.81	0.45	3.5		7.8	7.2	85		0.03	5		25.85	15.28	18.87

	n	r^2	Slope	Inter.	Std. Err.
Fluorometer Calibration:	12	0.758	10.664	-1.206	1.503
OBS Calibration:	6	0.988	63.926	3.439	3.333
Dissolved Oxygen Calibration:	6	0.947	1.080	-1.192	0.161

SeaBird v4.026

North San Francisco Bay June 12, 1996 96164

STN	TIME	DEPTH	DISCR CHL a	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	1656	1.0			0.41	1.8		8.7	8.2	93		0.28	18	1.8	0.06	21.00	0.00
657.0	1656	2.0	2.1	0.64	0.41	1.8	8.1	8.7	8.2	93	5.4	0.27	17		0.06	21.00	0.00
657.0	1656	3.0			0.41	1.8		8.7	8.2	93		0.26	17		0.06	21.01	0.00
657.0	1656	4.0			0.42	1.9		8.7	8.2	93		0.26	17		0.06	21.00	0.00
657.0	1656	5.0			0.42	1.9		8.8	8.2	93		0.26	17		0.06	20.99	0.00
657.0	1656	6.0			0.42	1.9		8.8	8.2	93		0.26	17		0.06	20.99	0.00
657.0	1656	7.0			0.42	1.9		8.8	8.2	93		0.26	17		0.06	20.99	0.00
657.0	1656	8.0			0.42	1.9		8.7	8.2	93		0.25	17		0.06	20.98	0.00
657.0	1656	9.0			0.41	1.8		8.7	8.2	92		0.26	17		0.06	20.96	0.00
657.0	1656	10.0			0.40	1.7		8.7	8.2	92		0.26	17		0.06	20.94	0.00
657.0	1656	11.0	1.7	0.54	0.40	1.7		8.7	8.2	92		0.28	18		0.06	20.93	0.00
649.0	1601	1.0			0.44	2.0		8.8	8.3	93		0.36	22	2.2	0.06	20.91	0.00
649.0	1601	2.0	2.8	0.56	0.44	2.0	8.3	8.8	8.3	93	15.6	0.35	22		0.06	20.91	0.00
649.0	1601	3.0			0.44	2.0		8.8	8.3	93		0.36	22		0.06	20.90	0.00
649.0	1601	4.0			0.44	2.0		8.8	8.3	93		0.35	22		0.06	20.90	0.00
649.0	1601	5.0			0.44	2.1		8.9	8.3	94		0.35	21		0.06	20.90	0.00
649.0	1601	6.0			0.45	2.1		8.9	8.3	94		0.35	22		0.06	20.90	0.00
649.0	1601	7.0			0.45	2.1		8.9	8.3	94		0.35	22		0.06	20.90	0.00
649.0	1601	8.0			0.45	2.2		8.9	8.3	94		0.34	21		0.06	20.89	0.00
649.0	1601	9.0			0.45	2.2		8.8	8.3	93		0.34	21		0.06	20.88	0.00
649.0	1601	10.0			0.45	2.1		8.8	8.3	93		0.34	21		0.06	20.87	0.00
649.0	1601	11.0	2.0	0.59	0.45	2.2		8.9	8.3	94		0.34	21		0.06	20.86	0.00
2.0	1542	1.0			0.49	2.5		8.0	7.7	87		0.59	34	2.6	0.09	21.19	0.00
2.0	1542	2.0			0.49	2.5		8.1	7.7	87		0.58	33		0.09	21.15	0.00
2.0	1542	3.0			0.49	2.5		8.2	7.8	88		0.59	34		0.09	21.14	0.00
2.0	1542	4.0			0.50	2.5		8.2	7.8	88		0.60	34		0.09	21.14	0.00
2.0	1542	5.0			0.50	2.6		8.3	7.9	89		0.63	36		0.09	21.13	0.00
2.0	1542	6.0			0.51	2.6		8.3	7.9	89		0.62	35		0.09	21.13	0.00
2.0	1542	7.0			0.51	2.7		8.4	7.9	90		0.62	35		0.09	21.12	0.00
2.0	1542	8.0			0.51	2.7		8.4	8.0	90		0.63	36		0.09	21.11	0.00
2.0	1542	9.0			0.51	2.7		8.4	8.0	90		0.64	37		0.09	21.09	0.00
2.0	1542	10.0			0.51	2.6		8.4	8.0	90		0.66	38		0.09	21.09	0.00
2.0	1542	11.0			0.50	2.6		8.5	8.0	90		0.67	38		0.09	21.08	0.00
3.0	1520	1.0			0.47	2.3		8.8	8.3	94		0.49	29	2.6	0.09	21.17	0.00
3.0	1520	2.0	2.5	0.56	0.48	2.4	8.3	8.8	8.3	94	41.3	0.49	29		0.09	21.17	0.00
3.0	1520	3.0			0.48	2.4		8.8	8.3	94		0.49	29		0.09	21.17	0.00
3.0	1520	4.0			0.49	2.5		8.8	8.3	94		0.48	28		0.09	21.15	0.00
3.0	1520	5.0			0.49	2.5		8.8	8.3	94		0.49	29		0.09	21.15	0.00
3.0	1520	6.0			0.50	2.5		8.8	8.3	94		0.51	30		0.09	21.16	0.00
3.0	1520	7.0			0.50	2.6		8.8	8.3	94		0.50	30		0.09	21.16	0.00

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
3.0	1520	8.0			0.50	2.6		8.8	8.3	94		0.53	31		0.09	21.14	0.00
3.0	1520	9.0			0.50	2.6		8.8	8.3	94		0.58	34		0.09	21.12	0.00
3.0	1520	10.0			0.50	2.6		8.8	8.3	94		0.61	35		0.09	21.12	0.00
3.0	1520	11.0	5.3	0.53	0.50	2.6		8.8	8.3	94		0.60	35		0.09	21.12	0.00
4.0	1459	1.0			0.53	2.8		8.8	8.2	93		0.95	53	3.9	0.20	21.13	0.00
4.0	1459	2.0			0.53	2.8		8.8	8.3	93		0.94	52		0.20	21.13	0.00
4.0	1459	3.0			0.53	2.8		8.8	8.3	93		0.93	52		0.20	21.13	0.00
4.0	1459	4.0			0.53	2.8		8.8	8.3	93		0.92	51		0.20	21.13	0.00
4.0	1459	5.0			0.53	2.9		8.8	8.3	93		0.93	52		0.20	21.13	0.00
4.0	1459	6.0			0.53	2.9		8.8	8.3	94		0.93	51		0.20	21.13	0.00
4.0	1459	7.0			0.54	2.9		8.8	8.3	94		0.92	51		0.20	21.13	0.00
4.0	1459	8.0			0.54	2.9		8.8	8.3	94		0.92	51		0.20	21.13	0.00
4.0	1459	9.0			0.54	2.9		8.8	8.3	94		0.91	51		0.20	21.12	0.00
4.0	1459	10.0			0.54	3.0		8.8	8.3	94		0.96	53		0.20	21.11	0.00
4.0	1459	11.0			0.55	3.0		8.8	8.3	94		1.02	56		0.20	21.12	0.00
4.0	1459	12.0			0.56	3.1		8.9	8.3	94		1.03	57		0.20	21.12	0.00
4.0	1459	13.0			0.56	3.1		8.9	8.3	94		1.06	58		0.20	21.12	0.00
4.0	1459	14.0			0.57	3.2		8.9	8.4	94		1.09	60		0.20	21.12	0.00
4.0	1459	15.0			0.57	3.2		8.9	8.3	94		1.07	59		0.20	21.12	0.00
4.0	1459	16.0			0.58	3.2		8.9	8.3	94		1.07	59		0.20	21.12	0.00
4.0	1459	17.0			0.58	3.3		8.9	8.3	94		1.27	69		0.20	21.12	0.00
5.0	1443	1.0			0.52	2.8		8.6	8.1	92		0.92	51	3.3	0.28	21.46	0.00
5.0	1443	2.0			0.52	2.7		8.5	8.1	92		1.03	57		0.46	21.26	0.00
5.0	1443	3.0			0.52	2.7		8.5	8.1	92		1.04	58		0.57	21.20	0.00
5.0	1443	4.0			0.52	2.7		8.5	8:0	91		1.13	62		0.74	21.07	0.00
5.0	1443	5.0			0.52	2.8		8.5	8.1	91		1.25	68		0.82	21.01	0.00
5.0	1443	6.0			0.53	2.8		8.5	8.1	91		1.44	78		0.85	20.99	0.00
5.0	1443	7.0			0.53	2.8		8.6	8.1	91		1.50	81		0.84	21.00	0.00
5.0	1443	8.0			0.53	2.9		8.6	8.1	92		1.48	80		0.84	21.00	0.00
5.0	1443	9.0			0.53	2.9		8.6	8.1	92		1.48	80		0.84	21.00	0.00
5.0	1443	10.0			0.53	2.9		8.6	8.1	92		1.49	81		0.84	21.01	0.00
5.0	1443	11.0			0.53	2.8		8.6	8.1	92		1.50	81		0.84	21.01	0.00
5.0	1443	12.0			0.53	2.8		8.6	8.2	92		1.56	85		0.84	21.00	0.00
6.0	1419	1.0			0.46	2.3		8.4	8.0	91		0.99	55	4.1	1.84	21.10	0.00
6.0	1419	2.0	1.9	0.47	0.46	2.2	8.1	8.4	8.0	91	46.5	0.96	53		1.93	21.03	0.00
6.0	1419	3.0			0.46	2.2		8.3	7.9	89		0.97	54		2.46	20.70	0.00
6.0	1419	4.0			0.47	2.3		8.3	7.9	89		1.08	59		2.93	20.59	0.31
6.0	1419	5.0			0.48	2.4		8.3	7.9	90		1.50	81		2.99	20.58	0.35
6.0	1419	6.0			0.48	2.4		8.3	7.9	90		1.65	89		3.01	20.56	0.38
6.0	1419	7.0			0.48	2.4		8.3	7.9	89		1.70	91		3.05	20.50	0.43

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
6.0	1419	8.0			0.49	2.5		8.3	7.9	89		1.92	103		3.19	20.38	0.55
6.0	1419	9.0			0.50	2.6		8.3	7.8	89		2.08	111		3.33	20.32	0.67
6.0	1419	10.0	1.6	0.21	0.50	2.6		8.3	7.9	89		2.53	135		3.40	20.30	0.73
7.0	1355	1.0			0.41	1.8		8.2	7.8	90		0.96	53	4.3	5.82	20.51	2.52
7.0	1355	2.0			0.42	1.8		8.0	7.7	88		0.96	53		5.90	20.37	2.61
7.0	1355	3.0			0.42	1.9		8.0	7.7	88		1.20	66		6.17	20.02	2.89
7.0	1355	4.0			0.43	2.0		8.1	7.7	88		1.33	72		6.45	19.82	3.15
7.0	1355	5.0			0.44	2.0		8.1	7.7	88		1.58	85		6.66	19.72	3.32
7.0	1355	6.0			0.43	2.0		8.1	7.7	88		1.59	86		6.74	19.68	3.39
7.0	1355	7.0			0.43	2.0		8.0	7.7	87		1.54	84		6.82	19.65	3.47
7.0	1355	8.0			0.45	2.1		8.1	7.7	88		1.92	103		7.04	19.59	3.64
7.0	1355	9.0			0.47	2.3		8.1	7.7	88		2.44	130		7.11	19.57	3.70
7.0	1355	10.0			0.49	2.5		8.1	7.7	88		2.86	152		7.11	19.57	3.70
7.0	1355	11.0			0.49	2.5		8.1	7.7	88		2.86	152		7.11	19.57	3.70
7.0	1355	12.0			0.50	2.6		8.1	7.7	88		2.97	157		7.13	19.57	3.72
7.0	1355	13.0			0.50	2.6		8.1	7.7	88		3.01	160		7.21	19.55	3.78
8.0	1331	1.0			0.38	1.5		7.8	7.5	86		0.50	29	2.8	7.70	19.77	4.11
8.0	1331	2.0			0.38	1.5		7.7	7.4	85		0.51	30		8.51	19.44	4.78
8.0	1331	3.0			0.41	1.8		7.7	7.4	85		0.56	32		10.44	19.07	6.33
8.0	1331	4.0			0.45	2.2		7.7	7.4	86		0.73	41		10.52	19.07	6.39
8.0	1331	5.0			0.48	2.4		7.8	7.5	86		1.40	76		10.53	19.07	6.40
8.0	1331	6.0			0.50	2.6		7.8	7.5	86		1.97	106		10.57	19.07	6.43
8.0	1331	7.0			0.51	2.6		7.8	7.5	86		2.36	126		10.68	19.06	6.51
8.0	1331	8.0			0.50	2.6		7.8	7.5	86		2.65	141		10.76	19.05	6.58
8.0	1331	9.0			0.50	2.6		7.8	7.5	87		2.87	152		10.79	19.05	6.60
8.0	1331	10.0			0.50	2.6		7.8	7.5	87		2.94	156		10.80	19.04	6.61
8.0	1331	11.0			0.50	2.6		7.8	7.5	87		2.98	158		10.83	19.03	6.63
8.0	1331	12.0			0.51	2.6		7.9	7.5	87		3.01	159		10.88	19.02	6.68
8.0	1331	13.0			0.51	2.7		7.9	7.5	87		3.11	165		10.90	19.02	6.69
8.0	1331	14.0			0.52	2.7		7.9	7.5	87		3.24	172		10.90	19.02	6.69
8.0	1331	15.0			0.53	2.8		7.9	7.5	87		3.39	179		10.91	19.01	6.70
8.0	1331	16.0			0.53	2.9		7.9	7.6	87		3.65	193		10.90	19.02	6.69
9.0	1311	2.0	1.0	0.22	0.47	2.3	7.5	8.0	7.7	89	115.9	2.13	114		11.98	18.97	7.52
9.0	1311	3.0			0.47	2.3		8.0	7.7	89		2.10	112		11.99	18.97	7.53
9.0	1311	4.0			0.47	2.3		8.0	7.7	89		2.11	113		11.98	18.99	7.52
9.0	1311	5.0			0.46	2.2		8.0	7.7	89		2.08	111		11.99	18.98	7.52
9.0	1311	6.0			0.46	2.2		8.0	7.7	89		2.03	109		12.09	18.96	7.60
9.0	1311	7.0			0.45	2.1		8.0	7.7	89		1.90	102		12.11	18.96	7.62
9.0	1311	8.0			0.44	2.1		8.0	7.7	89		1.84	99		12.22	18.94	7.71
9.0	1311	9.0			0.44	2.0		8.0	7.7	89		1.71	92		12:30	18.92	7.78

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
9.0	1311	10.0			0.44	2.1		8.0	7.7	89		1.63	88		12.28	18.93	7.76
9.0	1311	11.0			0.44	2.1		8.0	7.6	89		1.60	86		12.35	18.91	7.81
9.0	1311	12.0			0.44	2.1		8.0	7.6	88		1.54	84		12.52	18.84	7.96
9.0	1311	13.0			0.45	2.2		8.0	7.6	88		1.56	84		12.75	18.75	8.15
9.0	1311	14.0			0.46	2.3		8.0	7.6	89		1.68	90		12.77	18.75	8.16
9.0	1311	15.0			0.46	2.3		8.0	7.6	89		1.76	95		12.77	18.74	8.17
9.0	1311	16.0			0.46	2.3		8.0	7.6	88		1.84	99		12.79	18.73	8.19
9.0	1311	17.0			0.47	2.3		8.0	7.6	88		1.89	101		12.83	18.71	8.22
9.0	1311	18.0			0.50	2.6		7.9	7.6	88		1.96	105		12.92	18.68	8.30
9.0	1311	19.0			0.53	2.9		8.0	7.6	88		2.28	122		13.07	18.64	8.42
9.0	1311	20.0			0.54	3.0		8.0	7.6	88		3.14	166		13.07	18.64	8.41
9.0	1311	21.0			0.55	3.0		8.0	7.6	88		3.40	180		13.07	18.64	8.42
9.0	1311	22.0			0.55	3.0		8.0	7.6	88		3.75	198		13.08	18.64	8.42
9.0	1311	23.0			0.55	3.0		8.0	7.6	88		3.88	205		13.08	18.63	8.43
9.0	1311	24.0			0.56	3.1		8.0	7.6	88		4.03	213		13.08	18.63	8.43
9.0	1311	25.0	1.2	0.12	0.56	3.1		8.0	7.6	89		4.10	216		13.09	18.63	8.43
10.0	1302	1.0			0.42	1.9		8.0	7.7	89		1.15	63	4.4	13.34	18.80	8.59
10.0	1302	2.0			0.43	2.0		8.0	7.6	89		1.18	65		13.37	18.75	8.63
10.0	1302	3.0			0.44	2.1		8.0	7.7	89		1.41	77		13.43	18.68	8.68
10.0	1302	4.0			0.44	2.0		8.0	7.7	89		1.47	80		13.43	18.69	8.68
10.0	1302	5.0			0.44	2.0		8.0	7.7	89		1.52	82		13.44	18.68	8.69
10.0	1302	6.0			0.44	2.0		8.0	7.7	89		1.55	84		13.44	18.68	8.69
10.0	1302	7.0			0.44	2.1		8.0	7.7	89		1.57	85		13.47	18.66	8.72
10.0	1302	8.0			0.45	2.1		8.0	7.6	89		1.73	93		13.53	18.62	8.77
10.0	1302	9.0			0.46	2.3		8.0	7.6	89		1.86	100		13.59	18.60	8.82
10.0	1302	10.0			0.47	2.3		8.0	7.6	89		1.97	106		13.62	18.59	8.85
10.0	1302	11.0			0.47	2.3		8.0	7.6	89		2.05	110		13.65	18.58	8.87
10.0	1302	12.0			0.48	2.4		8.0	7.6	89		2.28	122		13.74	18.55	8.94
10.0	1302	13.0			0.49	2.5		8.0	7.6	88		2.52	134		13.79	18.53	8.99
10.0	1302	14.0			0.51	2.6		8.0	7.6	88		2.92	155		13.91	18.50	9.09
10.0	1302	15.0			0.51	2.7		8.0	7.6	88		3.11	165		14.00	18.47	9.16
10.0	1302	16.0			0.52	2.8		8.0	7.6	88		3.38	179		14.04	18.46	9.19
10.0	1302	17.0			0.52	2.8		8.0	7.6	88		3.70	195		14.08	18.45	9.22
10.0	1302	18.0			0.53	2.8		8.0	7.6	88		3.82	201		14.08	18.45	9.23
10.0	1302	19.0			0.53	2.8		8.0	7.6	88		3.83	202		14.09	18.45	9.23
11.0	1242	1.0			0.40	1.7		7.6	7.3	86		1.03	57	3.5	13.71	18.82	8.86
11.0	1242	2.0			0.40	1.7		7.6	7.3	85		0.80	45		13.71	18.82	8.86
11.0	1242	3.0			0.40	1.7		7.8	7.5	88		0.80	45		13.72	18.80	8.88
11.0	1242	4.0			0.41	1.8		7.9	7.5	88		0.75	42		13.94	18.67	9.07
11.0	1242	5.0			0.42	1.8		7.8	7.5	88		0.68	39		14.48	18.63	9.49
11.0	1242	6.0			0.42	1.8		7.8	7.5	88		0.72	41		14.77	18.56	9.73

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
11.0	1242	7.0			0.42	1.9		7.8	7.5	88		0.75	42		14.99	18.47	9.92
11.0	1242	8.0			0.42	1.8		7.8	7.5	88		0.87	49		15.08	18.41	9.99
11.0	1242	9.0			0.42	1.9		7.8	7.5	87		1.00	56		15.23	18.32	10.13
11.0	1242	10.0			0.44	2.0		7.7	7.4	86		1.37	74		15.47	18.21	10.33
11.0	1242	11.0			0.47	2.3		7.6	7.3	85		1.95	105		15.93	18.04	10.72
11.0	1242	12.0			0.48	2.4		7.6	7.3	86		3.64	193		17.03	17.67	11.63
12.0	1227	1.0			0.39	1.6		8.1	7.7	90		0.55	32	2.9	16.84	18.05	11.41
12.0	1227	2.0			0.40	1.7		8.0	7.7	90		0.53	31		16.87	18.03	11.44
12.0	1227	3.0			0.40	1.7		8.0	7.7	90		0.53	31		16.87	18.01	11.44
12.0	1227	4.0			0.40	1.7		8.0	7.6	90		0.54	32		16.90	17.99	11.47
12.0	1227	5.0			0.40	1.7		8.0	7.7	90		0.55	32		16.94	17.97	11.50
12.0	1227	6.0			0.41	1.7		7.9	7.5	88		0.56	32		16.97	17.95	11.53
12.0	1227	7.0			0.39	1.7		7.4	7.1	84		0.54	31		17.34	17.77	11.85
12.0	1227	8.0			0.40	1.7		7.3	7.1	83		0.73	41		19.70	17.09	13.79
12.0	1227	9.0			0.41	1.8		7.5	7.2	84		1.59	86		20.16	16.96	14.17
13.0	1205	1.0			0.41	1.7		7.6	7.3	86		0.29	18	1.8	20.98	16.81	14.83
13.0	1205	2.0	1.8	0.51	0.42	1.8	7.1	7.5	7.3	85	22.2	0.29	19		21.12	16.69	14.96
13.0	1205	3.0			0.41	1.8		7.5	7.2	84		0.34	21		21.36	16.56	15.17
13.0	1205	4.0			0.41	1.8		7.4	7.2	84		0.44	26		21.68	16.41	15.45
13.0	1205	5.0			0.42	1.8		7.3	7.1	83		0.51	30		21.88	16.36	15.61
13.0	1205	6.0			0.42	1.9		7.3	7.1	83		0.54	31		22.20	16.25	15.88
13.0	1205	7.0			0.42	1.8		7.3	7.1	82		0.62	35		22.38	16.22	16.02
13.0	1205	8.0			0.42	1.9		7.3	7.0	82		0.70	39		22.42	16.20	16.06
13.0	1205	9.0	1.7	0.28	0.42	1.9		7.3	7.1	83		0.94	52		22.50	16.19	16.12
14.0	1150	1.0			0.39	1.6		7.5	7.2	85		0.19	14	1.5	20.51	17.06	14.41
14.0	1150	2.0			0.40	1.7		7.4	7.1	83		0.19	14		21.56	16.49	15.34
14.0	1150	3.0			0.41	1.8		7.4	7.1	83		0.25	16		22.23	16.20	15.91
14.0	1150	4.0			0.42	1.9		7.3	7.1	83		0.35	22		22.33	16.15	16.00
14.0	1150	5.0			0.43	1.9		7.2	7.0	82		0.44	26		22.60	16.05	16.23
14.0	1150	6.0			0.44	2.1		7.2	7.0	82		0.45	27		22.99	15.94	16.55
14.0	1150	7.0			0.46	2.2		7.2	7.0	81		0.64	37		23.13	15.92	16.66
14.0	1150	8.0			0.48	2.4		7.2	7.0	81		0.88	49		23.24	15.90	16.75
14.0	1150	9.0			0.51	2.6		7.1	6.9	81		1.01	56		23.29	15.88	16.79
14.0	1150	10.0			0.51	2.7		7.1	6.9	81		1.24	68		23.36	15.88	16.84
14.0	1150	11.0			0.53	2.9		7.1	6.9	81		1.37	74		23.37	15.88	16.85
14.0	1150	12.0			0.58	3.3		7.1	6.9	81		2.37	126		23.41	15.87	16.88
14.0	1150	13.0			0.61	3.6		7.1	6.9	81		2.75	146		23.44	15.85	16.91
14.0	1150	14.0			0.61	3.5		7.1	6.9	81		2.74	146		23.54	15.79	17.00
14.0	1150	15.0			0.60	3.5		7.1	6.9	81		2.47	132		23.68	15.70	17.13

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
15.0	1129	1.0			0.40	1.7		7.4	7.2	85		0.25	16	1.7	19.95	17.47	13.90
15.0	1129	2.0	1.6	0.60	0.40	1.7	7.5	7.1	6.9	81		0.24	16		21.02	16.90	14.84
15.0	1129	3.0			0.39	1.6		7.2	7.0	82		0.24	16		22.95	16.10	16.48
15.0	1129	4.0			0.39	1.6		7.2	7.0	82		0.23	16		22.81	16.12	16.37
15.0	1129	5.0			0.38	1.5		7.3	7.0	82		0.24	16		22.81	16.11	16.37
15.0	1129	6.0			0.38	1.6		7.3	7.0	82		0.25	16		22.81	16.10	16.37
15.0	1129	7.0			0.39	1.6		7.3	7.1	82		0.24	16		22.83	16.09	16.39
15.0	1129	8.0			0.40	1.7		7.3	7.1	82		0.25	16		22.93	16.05	16.48
15.0	1129	9.0			0.42	1.9		7.3	7.0	82		0.26	17		23.06	16.01	16.59
15.0	1129	10.0			0.45	2.1		7.2	7.0	82		0.26	17		23.25	15.94	16.75
15.0	1129	11.0			0.47	2.3		7.2	7.0	81		0.28	18		23.72	15.76	17.14
15.0	1129	12.0			0.49	2.5		7.2	7.0	81		0.29	19		24.08	15.63	17.44
15.0	1129	13.0			0.49	2.5		7.1	6.9	80		0.32	20		24.14	15.60	17.50
15.0	1129	14.0			0.50	2.6		6.9	6.7	79		0.31	20		24.41	15.49	17.72
15.0	1129	15.0			0.53	2.8		6.9	6.7	78		0.35	22		25.28	15.15	18.46
15.0	1129	16.0			0.54	3.0		6.8	6.7	78		0.44	26		25.64	15.01	18.77
15.0	1129	17.0			0.55	3.0		6.8	6.7	78		0.51	30		25.96	14.87	19.04
15.0	1129	18.0			0.56	3.1		6.8	6.7	77		0.81	45		26.09	14.82	19.15
15.0	1129	19.0			0.59	3.4		6.8	6.6	77		0.92	51		26.12	14.80	19.18
15.0	1129	20.0			0.64	3.8		6.8	6.7	77		1.49	81		26.18	14.76	19.23
15.0	1129	21.0			0.64	3.8		6.8	6.7	77		1.71	92		26.18	14.76	19.24
15.0	1129	22.0			0.65	3.9		6.8	6.7	77		1.69	91		26.18	14.76	19.24
15.0	1129	23.0	4.0	0.23	0.65	3.9		6.8	6.7	78		1.92	103		26.17	14.76	19.23
16.0	1106	1.0			0.46	2.3		7.0	6.8	79		0.10	9	1.2	26.38	14.99	19.34
16.0	1106	2.0			0.50	2.6		6.8	6.7	78		0.13	10		26.93	14.52	19.86
16.0	1106	3.0			0.53	2.8		6.7	6.6	76		0.17	12		27.29	14.32	20.18
16.0	1106	4.0			0.53	2.9		6.6	6.5	75		0.19	13		27.60	14.13	20.45
16.0	1106	5.0			0.54	3.0		6.5	6.4	74		0.22	15		27.96	13.93	20.77
16.0	1106	6.0			0.57	3.2		6.5	6.4	74		0.25	17		28.18	13.81	20.96
16.0	1106	7.0			0.58	3.3		6.5	6.4	74		0.33	21		28.26	13.77	21.03
16.0	1106	8.0			0.57	3.2		6.5	6.4	74		0.34	21		28.26	13.77	21.03
16.0	1106	9.0			0.58	3.3		6.5	6.4	74		0.34	21		28.26	13.77	21.03
16.0	1106	10.0			0.60	3.5		6.4	6.4	74		0.42	25		28.30	13.75	21.07
16.0	1106	11.0			0.61	3.6		6.5	6.4	74		0.45	27		28.31	13.74	21.07
16.0	1106	12.0			0.63	3.7		6.4	6.4	74		0.48	28		28.31	13.74	21.08
16.0	1106	13.0			0.63	3.7		6.5	6.4	74		0.55	32		28.31	13.74	21.08
17.0	1048	1.0			0.44	2.1		7.3	7.1	83		0.11	9	1.2	25.63	15.33	18.69
17.0	1048	2.0			0.45	2.1		7.3	7.1	83		0.11	9		25.64	15.33	18.70
17.0	1048	3.0			0.45	2.1		7.0	6.8	80		0.10	9		25.62	15.34	18.69
17.0	1048	4.0			0.47	2.3		6.4	6.4	74		0.11	9		26.24	14.94	19.24
17.0	1048	5.0			0.50	2.6		6.1	6.1	71		0.11	9		28.01	13.95	20.80

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17.0	1048	6.0			0.53	2.9		6.0	6.0	69		0.12	10		29.06	13.32	21.73
17.0	1048	7.0			0.56	3.1		6.0	6.0	69		0.14	11		29.89	12.79	22.48
17.0	1048	8.0			0.57	3.2		6.0	6.0	69		0.17	12		29.96	12.74	22.54
17.0	1048	9.0			0.59	3.4		6.0	6.0	69		0.21	14		29.99	12.72	22.57
17.0	1048	10.0			0.63	3.7		6.0	6.0	69		0.33	20		30.00	12.70	22.58
17.0	1048	11.0			0.67	4.1		6.0	6.0	69		0.48	28		30.00	12.70	22.58
17.0	1048	12.0			0.70	4.4		6.0	6.1	69		0.54	31		30.00	12.70	22.58
17.0	1048	13.0			0.73	4.6		6.0	6.1	69		0.56	33		30.00	12.70	22.58
17.0	1048	14.0			0.73	4.6		6.1	6.1	70		0.70	40		30.00	12.70	22.58
18.0	1029	1.0			0.53	2.9		5.9	6.0	68		0.11	9	1.1	30.34	12.45	22.89
18.0	1029	2.0	3.8	0.45	0.54	2.9	5.7	5.9	6.0	68	15.8	0.12	9		30.34	12.45	22.89
18.0	1029	3.0			0.56	3.1		5.9	6.0	68		0.12	9		30.34	12.45	22.89
18.0	1029	4.0			0.57	3.2		5.9	6.0	68		0.12	9		30.34	12.45	22.89
18.0	1029	5.0			0.58	3.3		5.9	6.0	68		0.12	10		30.34	12.45	22.89
18.0	1029	6.0			0.60	3.4		5.9	6.0	68		0.12	10		30.34	12.44	22.89
18.0	1029	7.0			0.61	3.5		5.9	6.0	68		0.13	10		30.34	12.44	22.89
18.0	1029	8.0			0.60	3.4		5.9	6.0	68		0.13	10		30.34	12.44	22.89
18.0	1029	9.0			0.59	3.4		5.9	6.0	68		0.13	10		30.34	12.44	22.89
18.0	1029	10.0			0.59	3.3		5.9	6.0	68		0.14	10		30.35	12.43	22.90
18.0	1029	11.0			0.60	3.4		5.9	5.9	68		0.13	10		30.38	12.41	22.93
18.0	1029	12.0			0.72	4.5		5.9	5.9	67		0.15	11		30.42	12.37	22.96
18.0	1029	13.0			0.76	4.9		5.9	5.9	67		0.16	12		30.42	12.37	22.97
18.0	1029	14.0			0.67	4.1		5.9	5.9	67		0.17	12		30.42	12.37	22.97
18.0	1029	15.0			0.64	3.8		5.9	5.9	67		0.15	11		30.42	12.37	22.97
18.0	1029	16.0			0.63	3.7		5.9	5.9	67		0.15	11		30.42	12.37	22.97
18.0	1029	17.0			0.63	3.7		5.9	5.9	67		0.15	11		30.42	12.37	22.97
18.0	1029	18.0			0.63	3.7		5.9	5.9	67		0.16	11		30.42	12.37	22.97
18.0	1029	19.0			0.64	3.8		5.9	5.9	67		0.16	12		30.42	12.37	22.97
18.0	1029	20.0			0.65	3.9		5.9	5.9	67		0.15	11		30.53	12.28	23.07
18.0	1029	21.0			0.65	3.9		5.9	5.9	67		0.16	11		30.55	12.27	23.08
18.0	1029	22.0			0.64	3.8		5.9	5.9	67		0.15	11		30.55	12.27	23.09
18.0	1029	23.0			0.65	3.9		5.9	5.9	67		0.15	11		30.57	12.26	23.10
18.0	1029	24.0			0.66	3.9		5.9	5.9	67		0.15	11		30.55	12.26	23.09
18.0	1029	25.0			0.65	3.9		5.9	5.9	67		0.16	12		30.56	12.26	23.09
18.0	1029	26.0			0.64	3.8		5.9	5.9	67		0.16	12		30.56	12.26	23.10
18.0	1029	27.0			0.63	3.7		5.9	5.9	67		0.15	11		30.55	12.27	23.08
18.0	1029	28.0			0.64	3.8		5.9	5.9	67		0.15	11		30.52	12.29	23.06
18.0	1029	29.0			0.66	4.0		5.9	5.9	67		0.15	11		30.52	12.29	23.06
18.0	1029	30.0			0.66	4.0		5.9	5.9	67		0.15	11		30.53	12.28	23.07
18.0	1029	31.0			0.65	3.9		5.9	5.9	67		0.16	12		30.53	12.28	23.07
18.0	1029	32.0			0.65	3.9		5.9	5.9	67		0.15	11		30.53	12.28	23.07
18.0	1029	33.0			0.65	3.9		5.9	5.9	67		0.15	11		30.55	12.27	23.09

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18.0	1029	34.0			0.66	4.0		5.8	5.9	66		0.14	11		30.66	12.19	23.19
18.0	1029	35.0			0.66	4.0		5.8	5.9	67		0.17	12		30.74	12.13	23.26
18.0	1029	36.0			0.66	4.0		5.8	5.9	67		0.16	12		30.74	12.13	23.26
18.0	1029	37.0			0.66	4.0		5.8	5.9	66		0.17	12		30.76	12.11	23.28
18.0	1029	38.0			0.67	4.1		5.8	5.9	66		0.17	12		30.77	12.10	23.29
18.0	1029	39.0			0.68	4.1		5.8	5.9	67		0.19	13		30.77	12.10	23.29
18.0	1029	40.0			0.67	4.0		5.8	5.9	66		0.19	13		30.77	12.11	23.28
18.0	1029	41.0			0.67	4.0		5.8	5.9	66		0.18	13		30.76	12.11	23.28
18.0	1029	42.0			0.68	4.2		5.8	5.9	67		0.18	13		30.77	12.11	23.28
18.0	1029	43.0			0.69	4.2		5.8	5.9	66		0.17	12		30.77	12.10	23.29
18.0	1029	44.0			0.67	4.1		5.8	5.9	67		0.19	13		30.76	12.11	23.28
18.0	1029	45.0			0.65	3.9		5.8	5.9	67		0.19	13		30.75	12.12	23.27
18.0	1029	46.0	4.2	0.39	0.65	3.9		5.8	5.9	67		0.19	13		30.76	12.11	23.27
20.0	1011	1.0			0.45	2.2		7.1	6.9	81		0.05	6	0.9	26.95	15.06	19.76
20.0	1011	2.0			0.47	2.3		6.7	6.6	78		0.05	6		26.98	15.03	19.79
20.0	1011	3.0			0.50	2.5		6.5	6.5	75		0.05	6		27.67	14.48	20.44
20.0	1011	4.0			0.52	2.7		6.3	6.3	73		0.06	6		28.36	14.02	21.06
20.0	1011	5.0			0.52	2.8		6.3	6.2	72		0.07	7		28.96	13.58	21.60
20.0	1011	6.0			0.54	2.9		6.2	6.2	71		0.07	7		29.18	13.40	21.82
20.0	1011	7.0			0.56	3.1		6.2	6.2	71		0.09	8		29.33	13.27	21.95
20.0	1011	8.0			0.55	3.1		6.2	6.2	71		0.10	9		29.41	13.21	22.02
20.0	1011	9.0			0.55	3.0		6.2	6.2	71		0.11	9		29.49	13.14	22.10
20.0	1011	10.0			0.54	3.0		6.2	6.2	71		0.12	10		29.58	13.07	22.19
20.0	1011	11.0			0.56	3.1		6.1	6.1	70		0.13	10		29.61	13.05	22.21
20.0	1011	12.0			0.58	3.3		6.1	6.1	70		0.13	10		29.72	12.95	22.32
20.0	1011	13.0			0.59	3.4		6.1	6.1	70		0.15	11		29.81	12.88	22.40
20.0	1011	14.0			0.61	3.5		6.1	6.1	69		0.16	12		29.84	12.86	22.43
20.0	1011	15.0			0.62	3.6		6.0	6.1	69		0.17	12		29.96	12.75	22.54
20.0	1011	16.0			0.62	3.6		6.0	6.0	69		0.19	14		30.00	12.72	22.58
20.0	1011	17.0			0.61	3.5		6.0	6.1	69		0.20	14		30.10	12.65	22.67
20.0	1011	18.0			0.62	3.6		6.0	6.1	69		0.19	13		30.14	12.61	22.71
20.0	1011	19.0			0.62	3.6		6.0	6.1	69		0.19	13		30.16	12.60	22.73
20.0	1011	20.0			0.60	3.5		6.0	6.1	69		0.19	13		30.19	12.58	22.75
20.0	1011	21.0			0.62	3.6		6.1	6.1	69		0.19	13		30.20	12.57	22.76
20.0	1011	22.0			0.64	3.8		6.1	6.1	69		0.20	14		30.20	12.57	22.76
20.0	1011	23.0			0.63	3.7		6.1	6.1	69		0.20	14		30.21	12.57	22.76
20.0	1011	24.0			0.63	3.7		6.1	6.1	69		0.20	14		30.21	12.56	22.77
20.0	1011	25.0			0.63	3.7		6.1	6.1	69		0.20	14		30.22	12.56	22.77
20.0	1011	26.0			0.63	3.7		6.1	6.1	69		0.19	13		30.21	12.56	22.77
20.0	1011	27.0			0.68	4.1		6.1	6.1	69		0.20	14		30.21	12.56	22.77
20.0	1011	28.0			0.69	4.2		6.1	6.1	69		0.22	15		30.21	12.57	22.77

North San Francisco Bay | June 12, 1996 | Year Day: 96164

	n	r^2	Slope	Inter.	Std. Err.
Fluorometer Calibration:	16	0.341	8.769	-1.809	1.029
OBS Calibration:	7	0.949	51.894	3.381	9.310
Dissolved Oxygen Calibration:	8	0.899	0.807	1.186	0.298

SeaBird v4.026

South San Francisco Bay June 12, 1996 96164

STN	TIME	DEPTH	DISCR CHL a	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	0612	1.0			1.93	22.4		7.1	6.8	85		1.81	121	5.1	19.21	21.03	12.51
34.0	0612	2.0	24.7	0.76	1.99	23.1	6.5	7.1	6.7	85	143.4	2.16	143		19.24	21.03	12.53
34.0	0612	3.0			1.98	23.0		7.0	6.7	84		2.13	142		19.28	21.04	12.57
34.0	0612	4.0			1.91	22.1		6.9	6.5	82		2.51	166		19.48	20.99	12.72
34.0	0612	5.0	22.6	0.60	1.91	22.1		7.0	6.7	84		3.61	237		19.69	20.85	12.92
32.0	0630	1.0			1.04	9.6		7.5	7.3	93		0.39	29	2.5	21.40	20.97	14.18
32.0	0630	2.0	10.6	0.85	1.03	9.3	7.2	7.4	7.1	91	30.7	0.39	29		21.51	21.03	14.25
32.0	0630	3.0			1.03	9.4		7.3	7.1	90		0.41	31		21.55	21.02	14.28
32.0	0630	4.0			1.03	9.3		7.3	7.1	90		0.49	36		21.55	20.99	14.29
32.0	0630	5.0			1.00	9.0		7.3	7.1	90		0.61	43		21.58	20.96	14.32
32.0	0630	6.0			0.99	8.8		7.3	7.1	91		0.68	48		21.62	20.94	14.36
32.0	0630	7.0			0.99	8.9		7.3	7.1	90		0.74	52		21.64	20.93	14.38
32.0	0630	8.0			0.99	8.9		7.3	7.1	90		0.80	55		21.65	20.93	14.38
32.0	0630	9.0			1.01	9.1		7.2	7.0	89		0.86	59		21.69	20.91	14.42
32.0	0630	10.0			1.01	9.0		7.2	6.9	88		1.06	72		21.75	20.87	14.47
32.0	0630	11.0	2.7	0.08	1.00	9.0		7.2	7.0	89		1.67	112		21.78	20.84	14.51
30.0	0707	1.0			0.66	4.0		7.3	7.1	90		0.27	22	1.8	22.31	20.52	14.98
30.0	0707	2.0	4.1	0.76	0.65	3.9	7.0	7.3	7.1	90	21.4	0.27	21		22.31	20.52	14.98
30.0	0707	3.0			0.64	3.7		7.3	7.1	90		0.27	22		22.31	20.52	14.98
30.0	0707	4.0			0.64	3.7		7.3	7.0	89		0.27	21		22.31	20.51	14.98
30.0	0707	5.0			0.64	3.8		7.2	7.0	89		0.28	22		22.36	20.48	15.03
30.0	0707	6.0			0.63	3.6		7.2	6.9	88		0.32	25		22.42	20.43	15.09
30.0	0707	7.0			0.62	3.5		7.2	6.9	88		0.38	28		22.45	20.41	15.12
30.0	0707	8.0			0.60	3.3		7.2	6.9	88		0.41	30		22.47	20.39	15.14
30.0	0707	9.0			0.59	3.1		7.1	6.8	86		0.40	30		22.49	20.37	15.16
30.0	0707	10.0			0.61	3.4		7.0	6.6	84		0.45	33		22.57	20.26	15.25
30.0	0707	11.0	2.4	0.15	0.62	3.5		7.1	6.7	85		1.18	80		22.65	20.19	15.33
29.0	0735	1.0			0.42	0.7		7.4	7.2	91		0.16	14	1.3	22.70	19.77	15.46
29.0	0735	2.0			0.43	0.7		7.4	7.2	91		0.16	14		22.70	19.77	15.47
29.0	0735	3.0			0.43	0.7		7.4	7.2	90		0.16	14		22.70	19.76	15.47
29.0	0735	4.0			0.42	0.6		7.4	7.2	90		0.16	14		22.73	19.74	15.50
29.0	0735	5.0			0.41	0.5		7.4	7.2	90		0.19	16		22.75	19.72	15.52
29.0	0735	6.0			0.42	0.6		7.4	7.2	90		0.20	17		22.76	19.72	15.52
29.0	0735	7.0			0.43	0.7		7.4	7.1	89		0.23	19		22.75	19.72	15.52
29.0	0735	8.0			0.43	0.7		7.4	7.1	90		0.23	19		22.78	19.69	15.54
29.0	0735	9.0			0.43	0.7		7.3	7.1	89		0.25	20		22.81	19.65	15.58
29.0	0735	10.0			0.43	0.8		7.3	7.1	89		0.29	22		22.85	19.62	15.62
29.0	0735	11.0			0.45	1.0		7.3	7.1	89		0.44	33		22.91	19.56	15.67
29.0	0735	12.0			0.46	1.2		7.3	7.1	89		0.65	46		22.94	19.52	15.71
29.0	0735	13.0			0.46	1.2		7.3	7.1	89		0.87	60		22.97	19.49	15.74

South San Francisco Bay June 12, 1996 96164

STN	TIME	DEPTH	DISCR CHL a	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	0805	1.0			0.42	0.5		7.5	7.4	92		0.11	11	1.2	23.17	19.18	15.96
27.0	0805	2.0	1.5	0.68	0.42	0.5		7.5	7.4	92		0.11	11		23.16	19.19	15.96
27.0	0805	3.0			0.41	0.5		7.5	7.4	92		0.11	11		23.16	19.19	15.95
27.0	0805	4.0			0.40	0.4		7.4	7.2	90		0.10	11		23.18	19.16	15.98
27.0	0805	5.0			0.40	0.3		7.4	7.2	89		0.12	11		23.30	18.98	16.11
27.0	0805	6.0			0.39	0.2		7.4	7.2	90		0.22	18		23.42	18.81	16.24
27.0	0805	7.0			0.40	0.3		7.4	7.3	90		0.32	25		23.46	18.78	16.28
27.0	0805	8.0			0.40	0.4		7.4	7.2	90		0.42	31		23.47	18.75	16.30
27.0	0805	9.0			0.41	0.5		7.4	7.3	90		0.52	38		23.48	18.74	16.31
27.0	0805	10.0			0.42	0.6		7.4	7.3	90		0.68	48		23.49	18.72	16.32
27.0	0805	11.0			0.43	0.8		7.5	7.3	90		0.81	57		23.50	18.70	16.32
27.0	0805	12.0	1.5	0.18	0.43	0.8		7.5	7.3	90		0.93	64		23.50	18.70	16.32
25.0	0835	1.0			0.37	0.0		7.6	7.5	91		0.21	17	1.5	24.83	17.25	17.67
25.0	0835	2.0			0.37	0.0		7.6	7.5	91		0.20	17		24.83	17.25	17.67
25.0	0835	3.0			0.38	0.1		7.6	7.5	91		0.21	18		24.83	17.25	17.67
25.0	0835	4.0			0.38	0.1		7.6	7.5	91		0.22	18		24.83	17.25	17.67
25.0	0835	5.0			0.38	0.1		7.6	7.5	91		0.21	17		24.83	17.26	17.67
25.0	0835	6.0			0.38	0.0		7.6	7.5	91		0.21	18		24.83	17.25	17.67
25.0	0835	7.0			0.38	0.1		7.6	7.5	91		0.21	17		24.83	17.25	17.67
25.0	0835	8.0			0.39	0.1		7.6	7.5	91		0.21	17		24.83	17.25	17.67
24.0	0856	1.0			0.41	0.5		7.1	6.8	81		0.25	20	1.6	25.64	16.34	18.49
24.0	0856	2.0	1.6	0.41	0.41	0.5	7.1	7.1	6.8	81	20.8	0.28	22		25.67	16.30	18.52
24.0	0856	3.0			0.41	0.5		7.2	6.8	82		0.32	24		25.68	16.28	18.53
24.0	0856	4.0			0.41	0.5		7.1	6.8	81		0.34	26		25.69	16.26	18.55
24.0	0856	5.0			0.42	0.5		7.2	6.8	82		0.34	26		25.70	16.25	18.56
24.0	0856	6.0			0.42	0.5		7.2	6.8	82		0.37	27		25.71	16.23	18.57
24.0	0856	7.0			0.42	0.5		7.2	6.9	82		0.37	28		25.71	16.22	18.57
24.0	0856	8.0			0.42	0.7		7.2	6.9	82		0.38	28		25.71	16.22	18.57
24.0	0856	9.0			0.44	0.9		7.2	6.9	82		0.39	29		25.72	16.21	18.58
24.0	0856	10.0	1.9	0.29	0.44	1.0		7.2	6.9	82		0.41	31		25.72	16.21	18.58
22.0	0930	1.0			0.49	1.6		7.3	7.1	83		0.11	11	0.9	25.37	15.54	18.46
22.0	0930	2.0			0.50	1.7		7.4	7.2	84		0.11	11		25.30	15.56	18.39
22.0	0930	3.0			0.49	1.6		7.2	6.9	81		0.11	11		25.14	15.61	18.26
22.0	0930	4.0			0.48	1.4		7.1	6.7	79		0.11	11		25.85	15.37	18.86
22.0	0930	5.0			0.47	1.3		7.0	6.6	78		0.11	11		26.10	15.28	19.07
22.0	0930	6.0			0.47	1.4		7.0	6.6	77		0.12	11		26.19	15.24	19.14
22.0	0930	7.0			0.50	1.7		7.0	6.6	77		0.12	12		26.34	15.18	19.27
22.0	0930	8.0			0.49	1.7		7.0	6.6	77		0.16	14		26.39	15.17	19.31
22.0	0930	9.0			0.48	1.5		6.9	6.5	76		0.18	16		26.47	15.15	19.38
22.0	0930	10.0			0.49	1.6		6.9	6.4	75		0.19	16		26.56	15.12	19.45

South San Francisco Bay June 12, 1996 96164

STN	TIME	DEPTH	DISCR CHL a	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	0930	11.0			0.51	1.9		6.9	6.4	75		0.24	19		26.71	15.06	19.58
22.0	0930	12.0			0.53	2.1		6.9	6.4	75		0.33	25		26.78	15.03	19.64
22.0	0930	13.0			0.54	2.3		6.9	6.4	75		0.36	27		26.78	15.03	19.64
22.0	0930	14.0			0.54	2.4		6.9	6.4	75		0.37	28		26.78	15.03	19.64
22.0	0930	15.0			0.56	2.5		6.9	6.4	75		0.40	30		26.80	15.02	19.66
22.0	0930	16.0			0.56	2.7		6.9	6.4	75		0.44	33		26.82	15.00	19.68
22.0	0930	17.0			0.58	2.9		6.9	6.4	75		0.45	33		26.82	15.00	19.68
22.0	0930	18.0			0.58	2.9		6.9	6.4	75		0.49	36		26.82	15.01	19.67
22.0	0930	19.0			0.57	2.8		6.9	6.4	75		0.48	35		26.82	15.01	19.67
21.0	0947	1.0			0.45	1.0		7.1	6.7	78		0.19	16	1.0	26.43	15.02	19.37
21.0	0947	2.0	2.3	0.55	0.45	1.1	6.6	7.0	6.7	78	12.3	0.13	12		26.44	15.02	19.38
21.0	0947	3.0			0.45	1.1		6.9	6.5	76		0.13	12		26.46	15.02	19.40
21.0	0947	4.0			0.47	1.3		6.7	6.2	72		0.13	12		26.64	14.90	19.56
21.0	0947	5.0			0.49	1.6		6.6	6.0	70		0.16	14		27.24	14.48	20.10
21.0	0947	6.0			0.51	1.9		6.5	5.9	69		0.24	19		27.48	14.32	20.32
21.0	0947	7.0			0.51	2.0		6.5	5.9	69		0.26	21		27.60	14.23	20.43
21.0	0947	8.0			0.52	2.1		6.5	5.9	68		0.30	23		27.68	14.16	20.51
21.0	0947	9.0			0.54	2.3		6.5	5.8	68		0.31	24		27.78	14.11	20.60
21.0	0947	10.0			0.55	2.5		6.5	5.8	67		0.32	25		27.86	14.05	20.67
21.0	0947	11.0			0.55	2.5		6.5	5.8	67		0.33	25		27.92	14.01	20.72
21.0	0947	12.0			0.54	2.3		6.5	5.8	67		0.33	25		27.95	13.99	20.75
21.0	0947	13.0			0.55	2.5		6.5	5.9	68		0.35	26		27.99	13.97	20.78
21.0	0947	14.0			0.57	2.8		6.5	5.8	67		0.36	27		28.01	13.97	20.80
21.0	0947	15.0			0.59	3.1		6.5	5.8	67		0.42	31		28.02	13.97	20.81
21.0	0947	16.0			0.60	3.2		6.5	5.8	67		0.44	32		28.09	13.94	20.87
21.0	0947	17.0			0.60	3.2		6.5	5.8	67		0.48	35		28.11	13.93	20.88
21.0	0947	18.0			0.60	3.2		6.5	5.8	67		0.50	36		28.12	13.93	20.89
21.0	0947	19.0	2.3	0.59	0.60	3.2		6.5	5.8	68		0.51	37		28.11	13.93	20.89

	n	r^2	Slope	Inter.	Std. Err.
Fluorometer Calibration:	12	0.934	14.389	-5.442	2.263
OBS Calibration:	5	1.000	64.725	3.865	1.158
Dissolved Oxygen Calibration:	5	0.584	1.488	-3.812	0.205

SeaBird v4.026

North San Francisco Bay JULY 17,1996 96199

STN	TIME	DEPTH	DISCR CHL a	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	1716	1.0			0.27	1.5		8.5	8.3	94		0.39	26	2.5	0.06	21.55	0.00
657.0	1716	2.0	1.7	0.56	0.27	1.5	8.4	8.5	8.3	95	15.1	0.37	25		0.06	21.55	0.00
657.0	1716	3.0			0.27	1.5		8.5	8.3	95		0.37	25		0.06	21.54	0.00
657.0	1716	4.0			0.27	1.5		8.5	8.3	95		0.37	25		0.06	21.54	0.00
657.0	1716	5.0			0.27	1.6		8.5	8.3	95		0.38	26		0.06	21.53	0.00
657.0	1716	6.0			0.28	1.7		8.6	8.4	95		0.39	27		0.06	21.52	0.00
657.0	1716	7.0			0.28	1.7		8.6	8.4	95		0.40	28		0.06	21.52	0.00
657.0	1716	8.0			0.29	1.8		8.6	8.4	95		0.40	27		0.06	21.53	0.00
657.0	1716	9.0			0.29	1.8		8.6	8.4	95		0.41	28		0.06	21.52	0.00
657.0	1716	10.0			0.29	1.8		8.6	8.4	95		0.41	28		0.06	21.52	0.00
657.0	1716	11.0	1.9	0.55	0.29	1.8		8.6	8.4	95		0.47	33		0.06	21.52	0.00
649.0	1626	1.0			0.34	2.6		8.9	8.6	97		0.80	55	3.8	0.10	21.08	0.00
649.0	1626	2.0	2.7	0.53	0.34	2.6	8.6	8.9	8.6	97	56.5	0.75	52		0.10	21.08	0.00
649.0	1626	3.0			0.34	2.7		8.9	8.6	97		0.76	52		0.10	21.08	0.00
649.0	1626	4.0			0.35	2.8		8.9	8.6	97		0.77	53		0.10	21.07	0.00
649.0	1626	5.0			0.35	2.9		8.9	8.6	97		0.76	53		0.10	21.05	0.00
649.0	1626	6.0			0.36	3.0		8.9	8.6	97		0.77	53		0.10	21.04	0.00
649.0	1626	7.0			0.37	3.1		8.9	8.6	97		0.79	54		0.10	21.04	0.00
649.0	1626	8.0			0.37	3.2		8.9	8.6	97		0.85	58		0.10	21.04	0.00
649.0	1626	9.0			0.37	3.2		8.9	8.6	97		0.92	63		0.10	21.05	0.00
649.0	1626	10.0			0.38	3.2		8.9	8.6	97		0.94	65		0.10	21.05	0.00
649.0	1626	11.0			0.37	3.2		8.9	8.6	97		0.92	64		0.10	21.05	0.00
649.0	1626	12.0	3.0	0.51	0.37	3.2		8.9	8.6	97		0.95	66		0.10	21.05	0.00
2.0	1606	1.0			0.33	2.5		8.8	8.5	96		0.74	51	2.6	0.46	21.12	0.00
2.0	1606	2.0			0.33	2.5		8.8	8.5	96		0.71	49		0.46	21.12	0.00
2.0	1606	3.0			0.34	2.6		8.8	8.5	96		0.72	50		0.46	21.11	0.00
2.0	1606	4.0			0.34	2.7		8.8	8.5	96		0.75	52		0.46	21.10	0.00
2.0	1606	5.0			0.35	2.8		8.7	8.5	96		0.74	51		0.46	21.10	0.00
2.0	1606	6.0			0.36	2.9		8.7	8.5	96		0.76	52		0.46	21.09	0.00
2.0	1606	7.0			0.36	3.0		8.8	8.5	96		0.80	55		0.44	21.01	0.00
2.0	1606	8.0			0.36	3.0		8.8	8.5	96		0.82	57		0.44	21.01	0.00
2.0	1606	9.0			0.37	3.1		8.8	8.5	96		0.82	57		0.44	21.01	0.00
2.0	1606	10.0			0.37	3.1		8.8	8.5	96		0.81	56		0.44	21.00	0.00
2.0	1606	11.0			0.37	3.1		8.8	8.5	96		0.83	57		0.44	21.00	0.00
3.0	1551	1.0			0.34	2.7		8.9	8.6	97		1.16	80	4.0	0.64	20.87	0.00
3.0	1551	2.0	2.6	0.50	0.34	2.7	8.5	8.8	8.6	97	78.7	1.10	76		0.64	20.87	0.00
3.0	1551	3.0			0.35	2.8		8.8	8.6	97		1.12	77		0.64	20.86	0.00
3.0	1551	4.0			0.36	2.9		8.9	8.6	97		1.15	80		0.64	20.85	0.00
3.0	1551	5.0			0.37	3.1		8.9	8.6	97		1.18	82		0.64	20.85	0.00
3.0	1551	6.0			0.37	3.1		8.9	8.6	97		1.19	82		0.64	20.84	0.00

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3.0	1551	7.0			0.37	3.2		8.9	8.6	97		1.23	85		0.65	20.83	0.00
3.0	1551	8.0			0.38	3.2		8.9	8.6	97		1.30	91		0.65	20.83	0.00
3.0	1551	9.0			0.38	3.3		8.9	8.6	97		1.34	93		0.65	20.83	0.00
3.0	1551	10.0			0.38	3.4		8.9	8.6	97		1.42	99		0.65	20.82	0.00
3.0	1551	11.0			0.38	3.3		8.9	8.6	97		1.45	101		0.65	20.82	0.00
3.0	1551	12.0			0.38	3.3		8.9	8.6	97		1.46	101		0.65	20.82	0.00
3.0	1551	13.0			0.38	3.3		8.9	8.6	97		1.46	101		0.65	20.82	0.00
3.0	1551	14.0			0.39	3.4		8.9	8.6	97		1.51	105		0.65	20.83	0.00
3.0	1551	15.0	2.6	0.38	0.39	3.4		8.9	8.6	97		1.62	113		0.64	20.83	0.00
4.0	1527	1.0			0.31	2.2		8.7	8.5	96		1.17	81	4.5	0.98	20.78	0.00
4.0	1527	2.0			0.31	2.2		8.7	8.5	96		1.00	69		0.98	20.80	0.00
4.0	1527	3.0			0.32	2.3		8.7	8.5	96		0.99	68		0.98	20.79	0.00
4.0	1527	4.0			0.32	2.3		8.7	8.5	96		1.00	69		0.98	20.79	0.00
4.0	1527	5.0			0.32	2.4		8.8	8.5	96		1.01	70		0.98	20.78	0.00
4.0	1527	6.0			0.32	2.4		8.8	8.5	96		1.02	70		0.98	20.78	0.00
4.0	1527	7.0			0.33	2.4		8.8	8.5	96		0.99	69		0.98	20.79	0.00
4.0	1527	8.0			0.33	2.5		8.8	8.5	96		1.00	69		0.98	20.79	0.00
4.0	1527	9.0			0.33	2.5		8.8	8.5	96		1.03	71		0.98	20.78	0.00
4.0	1527	10.0			0.33	2.5		8.8	8.5	96		1.06	73		0.98	20.78	0.00
4.0	1527	11.0			0.34	2.6		8.8	8.5	96		1.10	77		0.98	20.77	0.00
4.0	1527	12.0			0.33	2.6		8.8	8.5	96		1.18	82		0.97	20.77	0.00
4.0	1527	13.0			0.34	2.6		8.8	8.5	96		1.18	82		0.97	20.77	0.00
4.0	1527	14.0			0.34	2.6		8.8	8.5	96		1.21	84		0.97	20.77	0.00
5.0	1512	1.0			0.25	1.2		8.8	8.5	96		0.80	55	3.9	1.81	20.85	0.00
5.0	1512	2.0			0.25	1.2		8.8	8.5	96		0.81	56		1.83	20.78	0.00
5.0	1512	3.0			0.26	1.3		8.8	8.5	96		0.87	60		1.83	20.76	0.00
5.0	1512	4.0			0.26	1.4		8.7	8.5	96		0.93	64		1.88	20.71	0.00
5.0	1512	5.0			0.27	1.5		8.7	8.5	96		1.08	75		1.92	20.63	0.00
5.0	1512	6.0			0.28	1.6		8.7	8.5	96		1.59	111		2.01	20.53	0.00
5.0	1512	7.0			0.28	1.7		8.7	8.5	96		1.81	126		2.04	20.51	0.00
5.0	1512	8.0			0.29	1.8		8.8	8.5	96		1.84	128		2.05	20.50	0.00
5.0	1512	9.0			0.29	1.8		8.8	8.5	96		1.95	136		2.08	20.49	0.00
5.0	1512	10.0			0.29	1.8		8.8	8.5	96		1.97	137		2.08	20.48	0.00
5.0	1512	11.0			0.29	1.8		8.8	8.5	96		1.98	138		2.10	20.47	0.00
5.0	1512	12.0			0.28	1.7		8.8	8.5	96		2.01	140		2.11	20.47	0.00
5.0	1512	13.0			0.29	1.8		8.8	8.5	96		2.06	143		2.11	20.48	0.00
6.0	1451	1.0			0.22	0.7		8.7	8.4	97		1.27	88	5.7	4.37	20.57	1.41
6.0	1451	2.0	0.7	0.25	0.23	0.8	8.5	8.7	8.4	97	88.7	1.33	92		4.47	20.50	1.50
6.0	1451	3.0			0.22	0.8		8.6	8.4	96		1.46	101		4.58	20.46	1.59
6.0	1451	4.0			0.23	0.8		8.7	8.4	96		1.54	107		4.70	20.39	1.70

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6.0	1451	5.0			0.23	0.9		8.6	8.4	96		1.59	110		4.71	20.38	1.71
6.0	1451	6.0			0.24	1.0		8.6	8.4	96		1.62	113		4.74	20.32	1.74
6.0	1451	7.0			0.24	0.9		8.6	8.4	96		1.79	125		4.99	20.22	1.95
6.0	1451	8.0			0.24	1.0		8.6	8.4	96		2.07	144		5.13	20.16	2.07
6.0	1451	9.0			0.25	1.2		8.6	8.4	96		2.64	184		5.18	20.14	2.12
6.0	1451	10.0			0.26	1.3		8.7	8.4	96		2.76	192		5.18	20.14	2.12
6.0	1451	11.0			0.26	1.3		8.7	8.4	96		2.77	193		5.19	20.14	2.12
6.0	1451	12.0	0.9	0.15	0.26	1.3		8.7	8.5	96		3.02	210		5.18	20.14	2.12
7.0	1431	1.0			0.22	0.7		8.4	8.2	95		0.87	60	2.7	7.55	19.94	3.95
7.0	1431	2.0			0.22	0.8		8.5	8.3	95		0.92	64		7.96	19.70	4.31
7.0	1431	3.0			0.24	0.9		8.5	8.3	96		1.53	106		8.14	19.66	4.46
7.0	1431	4.0			0.24	1.1		8.5	8.3	96		1.97	137		8.18	19.67	4.49
7.0	1431	5.0			0.25	1.2		8.5	8.3	96		2.40	167		8.22	19.67	4.52
7.0	1431	6.0			0.26	1.3		8.5	8.3	96		2.54	177		8.24	19.68	4.53
7.0	1431	7.0			0.25	1.3		8.5	8.3	96		2.64	184		8.27	19.69	4.56
7.0	1431	8.0			0.26	1.3		8.5	8.3	96		2.74	191		8.32	19.68	4.59
7.0	1431	9.0			0.26	1.3		8.5	8.4	96		2.84	198		8.35	19.68	4.61
7.0	1431	10.0			0.26	1.4		8.5	8.3	96		2.91	203		8.35	19.67	4.62
7.0	1431	11.0			0.27	1.6		8.5	8.3	96		3.08	214		8.39	19.66	4.65
7.0	1431	12.0			0.28	1.7		8.5	8.3	96		3.25	226		8.42	19.65	4.67
7.0	1431	13.0			0.27	1.6		8.5	8.3	96		3.33	232		8.44	19.64	4.69
7.0	1431	14.0			0.27	1.6		8.6	8.4	96		3.36	234		8.44	19.64	4.69
8.0	1359	1.0			0.21	0.6		8.6	8.4	97		0.67	46		8.60	19.85	4.76
8.0	1359	2.0			0.21	0.6		8.6	8.4	97		0.68	47		8.77	19.79	4.91
8.0	1359	3.0			0.22	0.6		8.5	8.3	96		0.78	54		8.93	19.78	5.03
8.0	1359	4.0			0.23	0.8		8.3	8.2	95		1.08	75		9.44	19.65	5.45
8.0	1359	5.0			0.24	1.0		8.4	8.2	95		1.65	115		10.00	19.46	5.91
8.0	1359	6.0			0.25	1.1		8.4	8.3	96		1.92	134		10.11	19.42	6.00
8.0	1359	7.0			0.25	1.2		8.4	8.2	96		2.15	150		10.50	19.41	6.30
8.0	1359	8.0			0.27	1.5		8.3	8.2	96		2.99	208		11.40	19.40	6.99
8.0	1359	9.0			0.28	1.7		8.3	8.2	96		3.51	245		11.75	19.40	7.25
8.0	1359	10.0			0.29	1.8		8.3	8.2	96		3.67	256		11.90	19.40	7.36
8.0	1359	11.0			0.29	1.9		8.3	8.2	96		3.85	268		12.14	19.40	7.55
8.0	1359	12.0			0.31	2.1		8.3	8.2	96		4.34	302		12.28	19.39	7.65
8.0	1359	13.0			0.32	2.3		8.3	8.2	96		4.74	331		12.34	19.39	7.70
8.0	1359	14.0			0.33	2.4		8.3	8.2	96		5.17	360		12.39	19.39	7.74
8.0	1359	15.0			0.33	2.6		8.3	8.2	96		5.57	389		12.39	19.39	7.74
8.0	1359	16.0			0.33	2.5		8.2	8.1	95		5.81	406		12.38	19.39	7.73
9.0	1342	1.0			0.22	0.7		8.5	8.3	97		0.80	55	4.1	10.29	19.63	6.09
9.0	1342	2.0	1.0	0.39	0.22	0.7	8.3	8.4	8.3	96	59.6	0.83	58		10.31	19.62	6.11

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9.0	1342	3.0			0.22	0.6		8.4	8.2	96		0.85	59		10.57	19.51	6.33
9.0	1342	4.0			0.21	0.6		8.4	8.2	96		0.98	68		11.04	19.43	6.70
9.0	1342	5.0			0.21	0.6		8.4	8.3	96		1.11	77		11.07	19.42	6.73
9.0	1342	6.0			0.22	0.8		8.4	8.3	96		1.09	76		11.04	19.42	6.71
9.0	1342	7.0			0.23	0.9		8.4	8.3	96		1.13	79		11.11	19.41	6.76
9.0	1342	8.0			0.23	0.8		8.4	8.3	96		1.14	79		11.24	19.41	6.86
9.0	1342	9.0			0.23	0.9		8.4	8.2	96		1.16	80		11.36	19.41	6.95
9.0	1342	10.0			0.23	0.9		8.4	8.2	96		1.19	83		11.81	19.40	7.29
9.0	1342	11.0			0.23	0.9		8.4	8.2	96		1.28	89		12.51	19.40	7.82
9.0	1342	12.0			0.24	1.0		8.3	8.2	96		1.30	90		12.68	19.40	7.96
9.0	1342	13.0			0.26	1.4		8.3	8.2	96		1.42	98		13.12	19.38	8.29
9.0	1342	14.0			0.28	1.6		8.3	8.2	96		1.55	107		13.38	19.37	8.49
9.0	1342	15.0			0.27	1.5		8.3	8.2	96		1.90	132		13.44	19.37	8.54
9.0	1342	16.0			0.27	1.5		8.3	8.2	96		2.19	153		13.46	19.37	8.55
9.0	1342	17.0			0.28	1.6		8.3	8.2	96		2.27	158		13.51	19.37	8.59
9.0	1342	18.0			0.28	1.7		8.3	8.2	96		2.39	167		13.55	19.37	8.62
9.0	1342	19.0			0.29	1.8		8.3	8.2	96		2.50	174		13.61	19.36	8.67
9.0	1342	20.0			0.30	2.0		8.3	8.1	96		2.61	182		13.84	19.36	8.84
9.0	1342	21.0			0.30	2.0		8.3	8.1	96		2.80	195		13.99	19.36	8.96
9.0	1342	22.0			0.30	2.1		8.3	8.1	96		2.99	208		14.02	19.36	8.98
9.0	1342	23.0			0.31	2.1		8.3	8.1	96		3.18	222		14.02	19.36	8.98
9.0	1342	24.0			0.31	2.1		8.3	8.1	96		3.30	230		14.02	19.36	8.98
9.0	1342	25.0			0.33	2.4		8.3	8.1	96		3.46	241		14.01	19.36	8.98
9.0	1342	26.0	1.3	0.15	0.33	2.6		8.3	8.1	96		3.50	244		14.01	19.36	8.97
10.0	1332	1.0			0.23	0.9		8.2	8.1	95		0.81	56	4.0	12.04	19.53	7.44
10.0	1332	2.0			0.24	1.0		8.3	8.1	95		1.02	70		12.11	19.46	7.51
10.0	1332	3.0			0.24	1.0		8.3	8.2	96		1.08	75		12.25	19.44	7.62
10.0	1332	4.0			0.24	0.9		8.3	8.2	96		1.06	74		12.29	19.44	7.65
10.0	1332	5.0			0.23	0.9		8.3	8.2	96		1.04	72		12.37	19.44	7.71
10.0	1332	6.0			0.24	1.0		8.3	8.2	96		1.05	73		12.46	19.44	7.78
10.0	1332	7.0			0.26	1.3		8.3	8.2	96		1.09	75		12.84	19.42	8.07
10.0	1332	8.0			0.27	1.4		8.3	8.1	96		1.31	91		13.46	19.43	8.54
10.0	1332	9.0			0.26	1.4		8.2	8.1	96		1.54	107		13.90	19.44	8.87
10.0	1332	10.0			0.27	1.5		8.2	8.1	96		1.58	109		13.96	19.44	8.91
10.0	1332	11.0			0.27	1.5		8.2	8.1	96		1.65	115		14.31	19.40	9.19
10.0	1332	12.0			0.27	1.5		8.2	8.1	96		1.93	134		14.43	19.40	9.28
10.0	1332	13.0			0.27	1.6		8.2	8.1	96		2.12	147		14.58	19.40	9.40
10.0	1332	14.0			0.28	1.7		8.2	8.1	96		2.21	154		14.69	19.39	9.48
10.0	1332	15.0			0.28	1.7		8.2	8.1	96		2.26	158		14.71	19.39	9.49
10.0	1332	16.0			0.28	1.7		8.2	8.1	96		2.28	158		14.72	19.39	9.50
10.0	1332	17.0			0.28	1.7		8.2	8.1	96		2.26	157		14.69	19.39	9.48

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
11.0	1314	1.0			0.23	0.9		8.2	8.1	97		0.67	46	3.2	14.03	19.72	8.90
11.0	1314	2.0			0.23	0.9		8.1	8.0	95		0.66	45		14.22	19.54	9.09
11.0	1314	3.0			0.22	0.7		8.1	8.0	96		0.61	42		14.76	19.33	9.55
11.0	1314	4.0			0.23	0.9		8.1	8.1	96		0.64	44		14.99	19.33	9.73
11.0	1314	5.0			0.24	1.0		8.2	8.1	96		0.72	50		15.09	19.34	9.80
11.0	1314	6.0			0.24	1.0		8.2	8.1	96		0.76	53		15.19	19.35	9.87
11.0	1314	7.0			0.25	1.1		8.2	8.1	96		0.81	56		15.35	19.35	9.99
11.0	1314	8.0			0.26	1.4		8.2	8.1	97		0.91	63		16.07	19.36	10.53
11.0	1314	9.0			0.28	1.6		8.2	8.1	97		1.02	71		16.40	19.39	10.78
11.0	1314	10.0			0.28	1.7		8.2	8.1	97		1.11	77		16.61	19.43	10.93
11.0	1314	11.0			0.28	1.7		8.2	8.1	97		1.15	80		16.60	19.43	10.92
11.0	1314	12.0			0.29	1.8		8.2	8.1	97		1.17	81		16.75	19.47	11.02
11.0	1314	13.0			0.30	1.9		8.2	8.1	97		1.27	88		16.84	19.50	11.09
11.0	1314	14.0			0.30	2.0		8.2	8.1	97		1.33	92		16.85	19.50	11.09
11.0	1314	15.0			0.30	1.9		8.2	8.1	98		1.36	94		16.85	19.50	11.10
12.0	1255	1.0			0.26	1.4		8.2	8.1	98		0.66	46	3.1	16.33	19.58	10.68
12.0	1255	2.0			0.26	1.4		8.2	8.1	97		0.64	44		16.35	19.55	10.70
12.0	1255	3.0			0.25	1.2		8.2	8.1	97		0.68	47		16.46	19.49	10.80
12.0	1255	4.0			0.26	1.3		8.2	8.1	97		0.81	56		16.61	19.45	10.92
12.0	1255	5.0			0.28	1.6		8.2	8.1	97		1.05	73		16.72	19.43	11.01
12.0	1255	6.0			0.29	1.9		8.1	8.1	97		1.18	82		16.87	19.42	11.13
12.0	1255	7.0			0.30	2.0		8.1	8.0	97		1.41	98		17.12	19.40	11.32
12.0	1255	8.0			0.31	2.2		8.1	8.0	97		1.70	118		17.28	19.37	11.45
12.0	1255	9.0			0.32	2.3		8.1	8.0	97		1.97	137		17.57	19.35	11.67
12.0	1255	10.0			0.31	2.2		8.1	8.0	97		2.15	150		17.84	19.33	11.88
13.0	1230	1.0			0.33	2.5		8.1	8.0	99		0.79	55	3.5	21.79	19.15	14.92
13.0	1230	2.0	3.3	0.65	0.35	2.8	7.8	8.1	8.0	99	45.4	0.65	45		21.78	19.15	14.92
13.0	1230	3.0			0.36	3.0		8.1	8.0	99		0.68	47		21.78	19.16	14.91
13.0	1230	4.0			0.39	3.4		8.0	8.0	98		0.66	46		21.78	19.14	14.92
13.0	1230	5.0			0.37	3.2		7.8	7.8	97		0.67	46		21.94	19.07	15.06
13.0	1230	6.0			0.35	2.9		7.7	7.7	95		0.85	59		22.71	18.76	15.71
13.0	1230	7.0			0.38	3.3		7.8	7.8	96		1.68	117		23.46	18.45	16.35
13.0	1230	8.0			0.40	3.6		7.8	7.8	96		2.07	144		23.58	18.39	16.46
13.0	1230	9.0			0.40	3.6		7.9	7.8	96		2.26	157		23.65	18.35	16.52
13.0	1230	10.0			0.40	3.6		7.9	7.9	97		2.52	176		23.70	18.32	16.57
14.0	1206	1.0			0.39	3.4		8.1	8.0	99		0.58	40	3.2	21.66	19.02	14.85
14.0	1206	2.0			0.38	3.3		8.0	8.0	98		0.56	38		21.68	18.99	14.88
14.0	1206	3.0			0.35	2.8		7.9	7.9	97		0.56	39		21.89	18.86	15.07
14.0	1206	4.0			0.32	2.4		7.9	7.8	96		0.55	38		22.76	18.66	15.77
14.0	1206	5.0			0.33	2.5		7.8	7.8	96		0.51	35		23.59	18.58	16.43

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
14.0	1206	6.0			0.35	2.8		7.7	7.8	96		0.56	38		23.90	18.46	16.69
14.0	1206	7.0			0.39	3.5		7.7	7.7	96		0.71	49		24.53	18.29	17.21
14.0	1206	8.0			0.44	4.3		7.7	7.7	96		1.35	94		25.04	18.18	17.62
14.0	1206	9.0			0.46	4.6		7.7	7.8	96		2.41	168		25.15	18.16	17.71
14.0	1206	10.0			0.49	5.1		7.8	7.8	96		2.84	198		25.17	18.15	17.73
14.0	1206	11.0			0.52	5.6		7.8	7.8	96		4.19	292		25.21	18.15	17.76
14.0	1206	12.0			0.53	5.8		7.8	7.8	96		4.50	314		25.22	18.15	17.76
14.0	1206	13.0			0.53	5.8		7.8	7.8	96		4.71	328		25.22	18.15	17.76
14.0	1206	14.0			0.53	5.8		7.8	7.8	96		4.99	348		25.22	18.15	17.76
15.0	1145	1.0			0.53	5.7		8.0	8.0	100		0.47	32	2.6	22.12	19.84	15.01
15.0	1145	2.0	5.8	0.83	0.51	5.3	8.0	7.8	7.8	97		0.46	31		22.40	19.45	15.31
15.0	1145	3.0			0.45	4.5		7.9	7.8	97		0.44	30		22.99	18.87	15.90
15.0	1145	4.0			0.41	3.7		7.8	7.8	97		0.41	28		23.10	18.84	15.99
15.0	1145	5.0			0.37	3.2		7.8	7.8	96		0.42	29		23.36	18.68	16.22
15.0	1145	6.0			0.34	2.6		7.6	7.7	94		0.42	29		23.62	18.52	16.46
15.0	1145	7.0			0.32	2.3		7.6	7.7	95		0.41	28		24.62	18.24	17.29
15.0	1145	8.0			0.32	2.4		7.7	7.7	95		0.39	27		25.53	18.08	18.02
15.0	1145	9.0			0.33	2.5		7.7	7.7	96		0.45	31		25.56	18.10	18.04
15.0	1145	10.0			0.33	2.5		7.7	7.7	96		0.53	36		25.59	18.12	18.05
15.0	1145	11.0			0.32	2.3		7.7	7.7	96		0.61	42		25.66	18.12	18.10
15.0	1145	12.0			0.33	2.4		7.7	7.8	96		0.69	47		25.68	18.12	18.13
15.0	1145	13.0			0.33	2.5		7.7	7.7	96		0.78	54		25.73	18.12	18.16
15.0	1145	14.0			0.35	2.7		7.6	7.7	95		0.98	68		25.87	18.07	18.28
15.0	1145	15.0			0.36	3.0		7.6	7.7	95		1.20	83		26.22	17.92	18.58
15.0	1145	16.0			0.38	3.3		7.6	7.7	95		1.48	103		26.47	17.82	18.79
15.0	1145	17.0			0.38	3.4		7.7	7.7	95		1.80	125		26.62	17.76	18.92
15.0	1145	18.0			0.39	3.5		7.7	7.7	95		1.93	134		26.69	17.73	18.99
15.0	1145	19.0			0.40	3.6		7.7	7.7	95		1.96	137		26.69	17.73	18.98
15.0	1145	20.0			0.39	3.5		7.7	7.7	95		2.00	139		26.70	17.73	18.99
15.0	1145	21.0			0.39	3.5		7.7	7.7	96		2.04	142		26.71	17.72	19.00
15.0	1145	22.0			0.39	3.5		7.7	7.7	96		2.06	143		26.71	17.72	19.00
15.0	1145	23.0			0.38	3.3		7.7	7.7	95		2.11	147		26.71	17.72	19.00
15.0	1145	24.0	3.6	0.32	0.38	3.2		7.7	7.7	96		2.20	153		26.70	17.73	19.00
16.0	1123	1.0			0.29	1.9		7.6	7.6	96		0.23	15	1.7	24.84	18.99	17.28
16.0	1123	2.0			0.31	2.1		7.7	7.7	96		0.22	15		25.60	18.21	18.04
16.0	1123	3.0			0.30	1.9		7.7	7.7	95		0.20	13		25.96	18.05	18.36
16.0	1123	4.0			0.29	1.9		7.7	7.7	95		0.19	13		26.32	17.93	18.66
16.0	1123	5.0			0.30	2.1		7.7	7.7	96		0.22	15		26.41	17.89	18.73
16.0	1123	6.0			0.31	2.2		7.7	7.7	96		0.29	19		26.44	17.89	18.76
16.0	1123	7.0			0.31	2.2		7.7	7.7	96		0.31	21		26.46	17.88	18.77
16.0	1123	8.0			0.31	2.1		7.7	7.7	96		0.34	23		26.47	17.89	18.78

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
16.0	1123	9.0			0.31	2.2		7.6	7.7	95		0.37	25		26.58	17.85	18.87
16.0	1123	10.0			0.33	2.5		7.6	7.6	95		0.41	28		26.85	17.75	19.10
16.0	1123	11.0			0.36	3.0		7.6	7.6	95		0.63	43		27.15	17.63	19.35
16.0	1123	12.0			0.37	3.1		7.7	7.7	95		1.37	95		27.24	17.59	19.44
17.0	1104	1.0			0.28	1.7		7.7	7.7	96		0.20	13	1.9	26.90	18.04	19.07
17.0	1104	2.0			0.29	1.8		7.5	7.6	94		0.21	14		27.09	17.70	19.29
17.0	1104	3.0			0.28	1.7		7.5	7.5	93		0.22	15		27.57	17.45	19.72
17.0	1104	4.0			0.27	1.5		7.5	7.6	94		0.28	19		28.20	17.14	20.27
17.0	1104	5.0			0.27	1.6		7.6	7.6	94		0.40	27		28.34	17.07	20.39
17.0	1104	6.0			0.29	1.9		7.6	7.6	94		0.47	32		28.38	17.05	20.43
17.0	1104	7.0			0.30	2.1		7.6	7.6	94		0.52	36		28.53	16.98	20.56
17.0	1104	8.0			0.30	2.0		7.5	7.5	93		0.46	31		28.68	16.91	20.70
17.0	1104	9.0			0.33	2.4		7.3	7.4	91		0.41	28		29.03	16.70	21.01
17.0	1104	10.0			0.35	2.8		7.5	7.6	93		0.31	21		29.79	16.28	21.68
17.0	1104	11.0			0.35	2.9		7.6	7.6	93		0.32	22		29.94	16.19	21.82
17.0	1104	12.0			0.38	3.2		7.6	7.6	93		0.37	25		29.97	16.17	21.84
17.0	1104	13.0			0.40	3.6		7.6	7.7	94		0.60	41		30.00	16.15	21.87
17.0	1104	14.0			0.40	3.6		7.6	7.7	94		0.78	54		29.99	16.16	21.87
18.0	1041	1.0			0.27	1.4		7.9	7.9	97		0.13	9	1.1	29.16	16.87	21.07
18.0	1041	2.0	2.4	0.65	0.28	1.6	7.7	7.9	7.9	97	12.5	0.12	8		29.15	16.87	21.06
18.0	1041	3.0			0.29	1.9		7.9	7.9	97		0.12	8		29.15	16.86	21.07
18.0	1041	4.0			0.30	2.0		7.9	7.9	97		0.12	8		29.16	16.87	21.07
18.0	1041	5.0			0.31	2.2		7.9	7.9	97		0.12	8		29.15	16.86	21.07
18.0	1041	6.0			0.31	2.2		7.9	7.8	97		0.12	8		29.19	16.82	21.10
18.0	1041	7.0			0.32	2.4		7.9	7.8	97		0.12	8		29.27	16.78	21.17
18.0	1041	8.0			0.33	2.4		7.9	7.9	97		0.12	8		29.31	16.79	21.20
18.0	1041	9.0			0.32	2.3		7.9	7.8	97		0.11	7		29.33	16.80	21.21
18.0	1041	10.0			0.32	2.3		7.9	7.9	97		0.12	8		29.31	16.77	21.20
18.0	1041	11.0			0.34	2.6		7.9	7.9	97		0.11	7		29.36	16.85	21.22
18.0	1041	12.0			0.35	2.8		7.9	7.9	97		0.11	7		29.41	16.85	21.26
18.0	1041	13.0			0.35	2.9		7.9	7.9	97		0.10	7		29.37	16.83	21.24
18.0	1041	14.0			0.34	2.7		7.9	7.9	97		0.11	7		29.39	16.84	21.25
18.0	1041	15.0			0.34	2.7		7.9	7.9	97		0.11	7		29.34	16.80	21.22
18.0	1041	16.0			0.35	2.9		7.9	7.8	97		0.10	6		29.41	16.86	21.26
18.0	1041	17.0			0.35	2.8		7.8	7.8	97		0.08	5		29.60	16.82	21.42
18.0	1041	18.0			0.35	2.8		7.8	7.8	96		0.08	5		29.63	16.78	21.45
18.0	1041	19.0			0.35	2.8		7.8	7.8	96		0.08	5		29.64	16.76	21.46
18.0	1041	20.0			0.34	2.6		7.8	7.8	96		0.09	5		29.64	16.71	21.47
18.0	1041	21.0			0.34	2.7		7.8	7.8	96		0.09	5		29.64	16.68	21.48
18.0	1041	22.0			0.36	3.0		7.8	7.8	96		0.09	6		29.67	16.64	21.51
18.0	1041	23.0			0.37	3.1		7.8	7.8	96		0.09	6		29.68	16.62	21.52

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18.0	1041	24.0			0.34	2.7		7.8	7.8	96		0.09	6		29.73	16.57	21.57
18.0	1041	25.0			0.34	2.6		7.8	7.8	96		0.09	6		29.77	16.54	21.61
18.0	1041	26.0			0.35	2.7		7.8	7.8	96		0.09	6		29.81	16.51	21.65
18.0	1041	27.0			0.35	2.8		7.7	7.8	95		0.09	6		29.83	16.51	21.66
18.0	1041	28.0			0.35	2.8		7.8	7.8	96		0.10	6		29.87	16.43	21.71
18.0	1041	29.0			0.35	2.7		7.8	7.8	96		0.10	6		29.88	16.40	21.72
18.0	1041	30.0			0.35	2.8		7.8	7.8	96		0.10	6		29.87	16.37	21.72
18.0	1041	31.0			0.36	2.9		7.8	7.8	96		0.11	7		29.88	16.33	21.74
18.0	1041	32.0			0.37	3.1		7.8	7.8	96		0.12	8		29.88	16.32	21.75
18.0	1041	33.0			0.36	3.0		7.8	7.8	96		0.11	7		29.88	16.33	21.74
18.0	1041	34.0			0.37	3.1		7.8	7.8	96		0.12	8		29.88	16.32	21.75
18.0	1041	35.0			0.37	3.2		7.8	7.8	96		0.19	13		29.90	16.29	21.77
20.0	1020	1.0			0.31	2.1		7.8	7.8	96		0.15	10	1.3	28.72	16.99	20.70
20.0	1020	2.0			0.31	2.1		7.8	7.8	96		0.15	10		28.71	17.00	20.70
20.0	1020	3.0			0.31	2.2		7.8	7.8	96		0.15	10		28.72	16.99	20.70
20.0	1020	4.0			0.31	2.2		7.7	7.8	96		0.15	10		28.75	16.97	20.73
20.0	1020	5.0			0.30	2.0		7.7	7.8	96		0.15	10		28.91	16.89	20.88
20.0	1020	6.0			0.28	1.7		7.8	7.8	96		0.15	10		28.98	16.87	20.93
20.0	1020	7.0			0.28	1.7		7.8	7.8	96		0.15	10		29.04	16.88	20.97
20.0	1020	8.0			0.29	1.9		7.8	7.8	96		0.16	10		29.08	16.90	21.00
20.0	1020	9.0			0.30	2.0		7.8	7.8	96		0.17	11		29.10	16.91	21.01
20.0	1020	10.0			0.31	2.1		7.8	7.8	96		0.17	11		29.20	16.93	21.09
20.0	1020	11.0			0.32	2.2		7.7	7.8	96		0.17	11		29.27	16.94	21.14
20.0	1020	12.0			0.32	2.3		7.7	7.7	96		0.16	11		29.33	16.95	21.18
20.0	1020	13.0			0.31	2.1		7.7	7.7	96		0.16	10		29.33	16.95	21.18
20.0	1020	14.0			0.31	2.2		7.7	7.7	95		0.15	10		29.41	16.93	21.25
20.0	1020	15.0			0.31	2.2		7.7	7.7	95		0.14	9		29.53	16.89	21.34
20.0	1020	16.0			0.30	2.1		7.6	7.7	95		0.14	9		29.61	16.88	21.41
20.0	1020	17.0			0.31	2.1		7.6	7.7	95		0.16	10		29.68	16.85	21.47
20.0	1020	18.0			0.31	2.2		7.6	7.7	95		0.21	14		29.70	16.85	21.49
20.0	1020	19.0			0.32	2.4		7.6	7.7	95		0.22	14		29.71	16.84	21.50
20.0	1020	20.0			0.33	2.5		7.6	7.7	95		0.24	16		29.72	16.83	21.50
20.0	1020	21.0			0.33	2.5		7.6	7.7	95		0.26	17		29.73	16.82	21.52
20.0	1020	22.0			0.33	2.5		7.6	7.7	95		0.29	19		29.76	16.79	21.55
20.0	1020	23.0			0.34	2.6		7.6	7.6	94		0.38	26		29.79	16.76	21.58
20.0	1020	24.0			0.36	3.0		7.6	7.6	94		0.48	33		29.86	16.69	21.65
20.0	1020	25.0			0.37	3.1		7.6	7.6	94		0.65	45		29.90	16.65	21.68
20.0	1020	26.0			0.37	3.1		7.6	7.7	94		0.69	48		29.91	16.64	21.70

North San Francisco Bay JULY 17,1996 Year Day: 96199

	n	r^2	Slope	Inter.	Std. Err.
Fluorometer Calibration:	14	0.836	16.291	-2.894	0.570
OBS Calibration:	7	0.968	69.883	-0.636	5.720
Dissolved Oxygen Calibration:	8	0.779	0.740	2.026	0.182

SeaBird v4.026

South San Francisco Bay JULY 17, 1996 96199

STN	TIME	DEPTH	DISCR CHL a	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	0634	1.0			0.77	5.4		6.0	5.9	76		2.31	122		20.69	21.62	13.48
36.0	0634	2.0	5.8	0.40	0.78	5.5	6.1	6.1	6.0	78	137.9	2.68	140		20.92	21.59	13.67
36.0	0634	3.0			0.77	5.4		6.2	6.1	78		3.11	161		21.45	21.54	14.07
36.0	0634	4.0			0.72	5.0		6.2	6.1	79		3.48	179		21.86	21.52	14.39
36.0	0634	5.0			0.68	4.6		6.3	6.2	80		3.40	175		22.23	21.49	14.68
36.0	0634	6.0	5.1	0.31	0.69	4.7		6.2	6.2	80		3.06	158		22.35	21.50	14.77
34.0	0651	1.0			0.58	3.8		6.4	6.3	82		2.10	112	4.5	22.97	21.39	15.26
34.0	0651	2.0			0.58	3.8		6.3	6.2	80		2.15	115		23.02	21.20	15.35
34.0	0651	3.0			0.61	4.1		6.2	6.1	79		2.15	115		23.09	20.88	15.49
34.0	0651	4.0			0.64	4.4		6.2	6.1	78		2.15	115		23.05	20.62	15.52
34.0	0651	5.0			0.66	4.5		6.2	6.2	79		2.71	141		23.02	20.55	15.52
34.0	0651	6.0			0.65	4.4		6.3	6.2	79		3.28	169		23.00	20.51	15.51
32.0	0710	1.0			0.41	2.5		6.7	6.6	85		0.44	32	2.5	23.51	21.47	15.65
32.0	0710	2.0	2.2	0.55	0.41	2.5	6.4	6.6	6.5	85	44.1	0.46	33		23.60	21.52	15.71
32.0	0710	3.0			0.42	2.6		6.6	6.5	84		0.56	38		23.66	21.49	15.76
32.0	0710	4.0			0.45	2.8		6.6	6.5	84		0.79	49		23.71	21.47	15.80
32.0	0710	5.0			0.47	3.0		6.6	6.5	84		1.18	68		23.73	21.46	15.82
32.0	0710	6.0			0.48	3.1		6.6	6.5	84		1.54	85		23.74	21.45	15.83
32.0	0710	7.0			0.49	3.2		6.6	6.5	85		1.78	96		23.74	21.44	15.84
32.0	0710	8.0			0.51	3.3		6.6	6.5	85		1.96	105		23.91	21.50	15.94
32.0	0710	9.0			0.52	3.4		6.6	6.5	85		2.16	115		24.18	21.59	16.13
32.0	0710	10.0			0.53	3.4		6.6	6.5	85		2.55	134		24.31	21.63	16.22
32.0	0710	11.0	2.6	0.24	0.52	3.4		6.6	6.5	85		2.65	139		24.31	21.62	16.22
30.0	0734	1.0			0.37	2.2		6.8	6.7	87		0.40	30	2.3	24.73	21.38	16.60
30.0	0734	2.0	1.9	0.50	0.37	2.2	6.5	6.8	6.6	87	36.8	0.40	30		24.73	21.39	16.59
30.0	0734	3.0			0.37	2.2		6.8	6.6	87		0.40	30		24.74	21.38	16.60
30.0	0734	4.0			0.37	2.2		6.8	6.6	87		0.40	30		24.76	21.38	16.63
30.0	0734	5.0			0.36	2.1		6.7	6.6	87		0.44	32		24.90	21.35	16.74
30.0	0734	6.0			0.35	2.0		6.7	6.6	87		0.54	37		24.98	21.32	16.80
30.0	0734	7.0			0.35	2.0		6.7	6.6	87		0.58	39		25.02	21.29	16.84
30.0	0734	8.0			0.34	1.9		6.7	6.6	87		0.61	40		25.07	21.26	16.89
30.0	0734	9.0			0.33	1.9		6.7	6.6	87		0.63	41		25.08	21.26	16.90
30.0	0734	10.0	1.8	0.25	0.34	1.9		6.7	6.6	87		0.68	43		25.10	21.26	16.91
29.0	0759	1.0			0.28	1.4		6.8	6.7	88		0.31	26	1.8	25.29	21.31	17.04
29.0	0759	2.0			0.27	1.4		6.8	6.7	88		0.31	26		25.30	21.32	17.04
29.0	0759	3.0			0.27	1.4		6.8	6.7	88		0.31	26		25.34	21.32	17.07
29.0	0759	4.0			0.27	1.4		6.8	6.7	88		0.32	26		25.35	21.32	17.09
29.0	0759	5.0			0.28	1.5		6.8	6.7	88		0.35	28		25.37	21.32	17.09
29.0	0759	6.0			0.28	1.5		6.8	6.7	88		0.37	29		25.35	21.33	17.08

South San Francisco Bay JULY 17, 1996 96199

STN	TIME	DEPTH	DISCR CHL a	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	0759	7.0			0.28	1.5		6.8	6.7	88		0.37	29		25.36	21.32	17.09
29.0	0759	8.0			0.28	1.5		6.8	6.7	88		0.39	30		25.37	21.32	17.10
29.0	0759	9.0			0.28	1.5		6.8	6.7	88		0.40	30		25.38	21.32	17.11
29.0	0759	10.0			0.28	1.4		6.8	6.7	88		0.41	30		25.40	21.31	17.13
29.0	0759	11.0			0.27	1.4		6.8	6.7	88		0.41	31		25.43	21.30	17.15
29.0	0759	12.0			0.27	1.4		6.8	6.7	88		0.45	32		25.44	21.30	17.16
29.0	0759	13.0			0.27	1.4		6.8	6.7	88		0.52	36		25.45	21.29	17.17
29.0	0759	14.0			0.27	1.4		6.8	6.7	88		0.63	41		25.46	21.28	17.18
27.0	0822	1.0			0.23	1.1		7.0	6.8	89		0.23	22	1.6	25.80	20.99	17.51
27.0	0822	2.0	1.2	0.50	0.23	1.1	6.9	7.0	6.8	89	17.7	0.22	22		25.80	20.99	17.51
27.0	0822	3.0			0.23	1.1		7.0	6.8	89		0.22	22		25.79	20.99	17.51
27.0	0822	4.0			0.23	1.1		7.0	6.8	89		0.21	21		25.79	20.98	17.50
27.0	0822	5.0			0.24	1.1		7.0	6.8	89		0.23	22		25.80	20.98	17.51
27.0	0822	6.0			0.24	1.2		6.9	6.8	89		0.29	25		25.82	20.98	17.53
27.0	0822	7.0			0.25	1.2		6.9	6.8	89		0.44	32		25.84	20.96	17.55
27.0	0822	8.0			0.26	1.3		6.9	6.8	89		0.64	42		25.87	20.96	17.57
27.0	0822	9.0			0.26	1.3		6.9	6.8	89		0.68	44		25.89	20.94	17.59
27.0	0822	10.0			0.26	1.3		6.9	6.8	89		0.85	52		25.90	20.94	17.60
27.0	0822	11.0	1.2	0.15	0.26	1.3		6.9	6.8	89		0.96	57		25.92	20.93	17.62
25.0	0848	1.0			0.18	0.7		7.1	7.0	90		0.06	14	0.8	26.96	20.06	18.63
25.0	0848	2.0			0.18	0.7		7.1	7.0	90		0.06	14		26.96	20.06	18.63
25.0	0848	3.0			0.18	0.7		7.1	7.0	91		0.06	14		26.96	20.07	18.63
25.0	0848	4.0			0.18	0.7		7.1	7.0	90		0.06	14		26.95	20.07	18.62
25.0	0848	5.0			0.18	0.7		7.1	7.0	90		0.06	14		26.97	20.07	18.63
25.0	0848	6.0			0.18	0.7		7.1	7.0	90		0.07	14		26.98	20.06	18.64
25.0	0848	7.0			0.18	0.7		7.1	7.0	90		0.06	14		26.99	20.06	18.65
24.0	0905	1.0			0.19	0.8		7.3	7.2	92		0.06	14	0.9	27.60	19.33	19.30
24.0	0905	2.0	1.1	0.62	0.19	0.8	7.2	7.3	7.2	92	9.4	0.06	14		27.60	19.33	19.30
24.0	0905	3.0			0.19	0.8		7.3	7.2	92		0.06	14		27.60	19.33	19.30
24.0	0905	4.0			0.19	0.7		7.3	7.2	92		0.06	14		27.61	19.33	19.30
24.0	0905	5.0			0.18	0.7		7.3	7.2	92		0.06	14		27.61	19.33	19.31
24.0	0905	6.0			0.17	0.6		7.3	7.2	92		0.07	14		27.64	19.31	19.33
24.0	0905	7.0			0.17	0.6		7.3	7.2	92		0.08	15		27.68	19.27	19.37
24.0	0905	8.0			0.17	0.6		7.3	7.2	92		0.09	15		27.71	19.25	19.40
24.0	0905	9.0	0.7	0.36	0.17	0.6		7.3	7.2	92		0.11	16		27.72	19.24	19.41
22.0	0940	1.0			0.23	1.1		7.4	7.2	92		0.08	15	0.9	28.25	18.80	19.92
22.0	0940	2.0			0.23	1.0		7.4	7.2	92		0.08	15		28.25	18.80	19.92
22.0	0940	3.0			0.23	1.0		7.4	7.2	92		0.08	14		28.25	18.80	19.92
22.0	0940	4.0			0.22	1.0		7.3	7.2	91		0.08	14		28.25	18.80	19.92

South San Francisco Bay JULY 17, 1996 96199

STN	TIME	DEPTH	DISCR CHL a	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	0940	5.0			0.22	1.0		7.3	7.1	91		0.08	15		28.29	18.75	19.97
22.0	0940	6.0			0.20	0.9		7.2	7.1	90		0.08	15		28.37	18.64	20.05
22.0	0940	7.0			0.19	0.8		7.1	7.0	89		0.08	15		28.47	18.52	20.16
22.0	0940	8.0			0.19	0.7		7.1	7.0	88		0.08	15		28.64	18.30	20.34
22.0	0940	9.0			0.18	0.7		7.1	7.0	88		0.08	15		28.80	18.08	20.51
22.0	0940	10.0			0.19	0.7		7.1	7.0	88		0.09	15		28.91	17.91	20.63
22.0	0940	11.0			0.19	0.8		7.2	7.0	88		0.09	15		28.99	17.79	20.72
22.0	0940	12.0			0.20	0.8		7.2	7.0	88		0.10	15		29.03	17.73	20.77
22.0	0940	13.0			0.20	0.8		7.2	7.1	89		0.14	18		29.08	17.65	20.83
22.0	0940	14.0			0.22	1.0		7.3	7.1	89		0.16	18		29.08	17.64	20.83
22.0	0940	15.0			0.23	1.1		7.3	7.1	89		0.17	19		29.09	17.63	20.84
22.0	0940	16.0			0.23	1.1		7.3	7.1	89		0.21	21		29.09	17.63	20.84
22.0	0940	17.0			0.23	1.1		7.3	7.1	89		0.26	23		29.09	17.63	20.84
22.0	0940	18.0			0.23	1.1		7.3	7.2	90		0.28	24		29.09	17.63	20.84
21.0	0955	1.0			0.24	1.2		7.5	7.3	92		0.07	14	0.9	28.76	18.18	20.46
21.0	0955	2.0	1.6	0.62	0.24	1.2	7.4	7.5	7.3	93	6.8	0.07	14		28.75	18.19	20.45
21.0	0955	3.0			0.24	1.1		7.5	7.3	92		0.07	14		28.74	18.20	20.44
21.0	0955	4.0			0.24	1.1		7.4	7.3	92		0.07	14		28.76	18.17	20.46
21.0	0955	5.0			0.24	1.1		7.4	7.3	92		0.07	14		28.79	18.14	20.49
21.0	0955	6.0			0.23	1.1		7.4	7.3	92		0.08	15		28.84	18.08	20.55
21.0	0955	7.0			0.22	1.0		7.4	7.2	91		0.10	16		28.86	18.07	20.56
21.0	0955	8.0			0.23	1.1		7.4	7.2	91		0.12	17		28.92	18.00	20.62
21.0	0955	9.0			0.25	1.3		7.4	7.2	91		0.28	25		28.98	17.94	20.68
21.0	0955	10.0			0.27	1.4		7.4	7.2	91		0.38	29		28.99	17.93	20.69
21.0	0955	11.0			0.29	1.5		7.4	7.2	91		0.52	36		29.01	17.92	20.71
21.0	0955	12.0			0.30	1.7		7.4	7.2	91		0.59	39		29.01	17.91	20.71
21.0	0955	13.0			0.31	1.7		7.4	7.2	91		0.61	40		29.02	17.90	20.72
21.0	0955	14.0			0.32	1.8		7.4	7.2	91		0.75	47		29.02	17.90	20.72
21.0	0955	15.0			0.32	1.8		7.4	7.2	91		0.79	49		29.02	17.90	20.72
21.0	0955	16.0			0.32	1.8		7.4	7.2	91		0.82	50		29.02	17.90	20.72
21.0	0955	17.0			0.34	1.9		7.4	7.2	91		0.84	51		29.02	17.90	20.72
21.0	0955	18.0	1.9	0.20	0.34	2.0		7.4	7.3	91		0.92	55		29.02	17.90	20.72

	n	r^2	Slope	Inter.	Std. Err.
Fluorometer Calibration:	12	0.948	7.913	-0.742	0.378
OBS Calibration:	6	0.978	48.204	10.820	8.186
Dissolved Oxygen Calibration:	6	0.972	0.946	0.246	0.089

SeaBird v4.026

North San Francisco Bay AUGUST 13, 1996 96226

STN	TIME	DEPTH	DISCR CHL a	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	1706	1.0			0.25	1.5		7.7	8.2	96		0.21	17	1.6	0.07	23.32	0.00
657.0	1706	2.0	1.7	0.64	0.25	1.5	8.4	7.8	8.2	97	7.3	0.21	17		0.07	23.31	0.00
657.0	1706	3.0			0.25	1.5		7.8	8.2	97		0.21	17		0.07	23.31	0.00
657.0	1706	4.0			0.25	1.4		7.8	8.2	97		0.22	17		0.07	23.31	0.00
657.0	1706	5.0			0.24	1.4		7.8	8.3	97		0.22	17		0.07	23.31	0.00
657.0	1706	6.0			0.24	1.4		7.8	8.3	98		0.22	17		0.07	23.31	0.00
657.0	1706	7.0			0.25	1.5		7.9	8.3	98		0.22	17		0.07	23.31	0.00
657.0	1706	8.0			0.26	1.6		7.9	8.3	98		0.22	18		0.07	23.31	0.00
657.0	1706	9.0			0.26	1.6		7.9	8.3	98		0.23	18		0.07	23.31	0.00
657.0	1706	10.0			0.26	1.6		7.9	8.3	98		0.23	18		0.07	23.31	0.00
657.0	1706	11.0	1.5	0.51	0.26	1.6		7.9	8.3	98		0.24	19		0.07	23.30	0.00
649.0	1615	1.0			0.30	1.9		8.3	8.7	101		0.73	50	3.3	0.23	22.52	0.00
649.0	1615	2.0	2.2	0.48	0.30	1.9	8.6	8.3	8.7	101	39.1	0.74	50		0.25	22.52	0.00
649.0	1615	3.0			0.31	2.0		8.3	8.7	101		0.76	52		0.26	22.52	0.00
649.0	1615	4.0			0.32	2.1		8.3	8.7	101		0.76	52		0.28	22.54	0.00
649.0	1615	5.0			0.32	2.1		8.3	8.7	101		0.75	51		0.32	22.59	0.00
649.0	1615	6.0			0.32	2.1		8.3	8.7	101		0.76	52		0.36	22.63	0.00
649.0	1615	7.0			0.32	2.1		8.3	8.7	101		0.76	52		0.38	22.65	0.00
649.0	1615	8.0			0.32	2.1		8.3	8.7	101		0.79	53		0.39	22.67	0.00
649.0	1615	9.0			0.32	2.1		8.3	8.7	101		0.79	53		0.42	22.71	0.00
649.0	1615	10.0	2.5	0.44	0.32	2.1		8.3	8.7	101		0.78	53		0.42	22.71	0.00
2.0	1556	1.0			0.29	1.8		8.1	8.5	100		0.98	65	4.1	1.23	22.78	0.00
2.0	1556	2.0			0.29	1.8		8.1	8.5	100		0.90	60		1.22	22.80	0.00
2.0	1556	3.0			0.29	1.8		8.1	8.5	100		0.88	59		1.22	22.77	0.00
2.0	1556	4.0			0.30	1.9		8.1	8.5	100		0.93	62		1.22	22.76	0.00
2.0	1556	5.0			0.31	2.0		8.1	8.5	100		0.98	66		1.21	22.76	0.00
2.0	1556	6.0			0.31	2.0		8.1	8.5	100		1.01	68		1.21	22.76	0.00
2.0	1556	7.0			0.31	2.0		8.1	8.5	100		1.03	69		1.21	22.76	0.00
2.0	1556	8.0			0.31	2.0		8.1	8.5	100		1.04	69		1.21	22.76	0.00
2.0	1556	9.0			0.30	2.0		8.1	8.5	100		1.04	69		1.21	22.76	0.00
2.0	1556	10.0			0.31	2.0		8.1	8.5	100		1.05	70		1.21	22.77	0.00
2.0	1556	11.0			0.31	2.0		8.1	8.5	100		1.06	71		1.21	22.77	0.00
3.0	1540	1.0			0.26	1.6		8.2	8.6	101		0.83	56	3.7	1.92	22.76	0.00
3.0	1540	2.0	1.5	0.35	0.26	1.6	8.5	8.2	8.6	101	63.5	0.92	62		1.92	22.73	0.00
3.0	1540	3.0			0.27	1.7		8.2	8.6	101		1.02	68		1.92	22.70	0.00
3.0	1540	4.0			0.28	1.8		8.2	8.6	101		1.02	68		1.93	22.70	0.00
3.0	1540	5.0			0.29	1.8		8.2	8.6	101		1.09	72		1.93	22.69	0.00
3.0	1540	6.0			0.29	1.8		8.2	8.6	101		1.15	76		1.92	22.68	0.00
3.0	1540	7.0			0.29	1.8		8.2	8.6	101		1.17	78		1.92	22.68	0.00
3.0	1540	8.0			0.29	1.8		8.2	8.6	101		1.19	79		1.91	22.68	0.00

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3.0	1540	9.0			0.29	1.9		8.2	8.6	101		1.18	78		1.91	22.68	0.00
3.0	1540	10.0			0.29	1.9		8.2	8.6	101		1.16	77		1.91	22.68	0.00
3.0	1540	11.0	1.6	0.32	0.29	1.8		8.2	8.6	101		1.21	80		1.91	22.68	0.00
4.0	1520	1.0			0.24	1.4		8.0	8.5	101		0.68	46	2.7	2.62	22.99	0.00
4.0	1520	2.0			0.24	1.4		8.0	8.4	100		0.73	49		2.67	22.81	0.00
4.0	1520	3.0			0.24	1.4		8.0	8.4	100		0.79	54		2.75	22.68	0.00
4.0	1520	4.0			0.24	1.4		8.1	8.5	100		0.89	60		2.86	22.61	0.00
4.0	1520	5.0			0.25	1.5		8.1	8.5	100		0.91	61		2.89	22.61	0.00
4.0	1520	6.0			0.25	1.5		8.1	8.5	100		0.91	61		2.89	22.65	0.00
4.0	1520	7.0			0.25	1.5		8.1	8.5	101		0.92	62		2.89	22.64	0.00
4.0	1520	8.0			0.25	1.5		8.1	8.5	101		0.92	62		2.88	22.66	0.00
4.0	1520	9.0			0.25	1.5		8.1	8.5	101		0.88	59		2.88	22.68	0.00
4.0	1520	10.0			0.25	1.5		8.1	8.5	101		0.90	61		2.91	22.66	0.00
4.0	1520	11.0			0.25	1.5		8.1	8.6	101		0.94	63		2.96	22.64	0.00
4.0	1520	12.0			0.25	1.5		8.1	8.6	101		0.94	63		2.97	22.65	0.00
4.0	1520	13.0			0.25	1.5		8.1	8.5	101		0.95	64		2.97	22.64	0.00
5.0	1502	1.0			0.24	1.4		8.0	8.5	101		0.70	48		3.72	22.66	0.44
5.0	1502	2.0			0.24	1.4		8.0	8.4	100		0.91	61		4.08	22.51	0.74
5.0	1502	3.0			0.24	1.4		8.0	8.4	100		1.03	69		4.46	22.39	1.06
5.0	1502	4.0			0.24	1.4		8.0	8.4	100		1.14	76		5.02	22.22	1.52
5.0	1502	5.0			0.25	1.5		8.0	8.4	100		1.35	89		5.31	22.16	1.75
5.0	1502	6.0			0.25	1.5		8.0	8.4	100		1.37	90		5.33	22.17	1.76
5.0	1502	7.0			0.26	1.5		8.0	8.4	100		1.36	90		5.33	22.17	1.77
5.0	1502	8.0			0.25	1.5		8.0	8.4	100		1.38	91		5.36	22.16	1.79
5.0	1502	9.0			0.25	1.5		8.0	8.5	100		1.40	92		5.36	22.16	1.79
5.0	1502	10.0			0.25	1.5		8.1	8.5	101		1.40	93		5.36	22.16	1.79
5.0	1502	11.0			0.25	1.5		8.1	8.5	101		1.40	93		5.36	22.16	1.79
5.0	1502	12.0			0.26	1.6		8.1	8.5	101		1.41	93		5.36	22.16	1.79
5.0	1502	13.0			0.26	1.6		8.1	8.5	101		1.43	94		5.36	22.17	1.78
6.0	1441	1.0			0.23	1.3		7.7	8.2	99		0.47	33	2.8	6.44	22.76	2.46
6.0	1441	2.0	1.5	0.47	0.23	1.3	8.4	7.7	8.2	98	55.2	0.53	37		7.21	22.17	3.18
6.0	1441	3.0			0.23	1.3		7.8	8.2	98		0.66	45		7.66	21.79	3.61
6.0	1441	4.0			0.24	1.4		7.8	8.3	99		0.99	66		7.77	21.70	3.72
6.0	1441	5.0			0.25	1.5		7.9	8.3	99		1.19	79		7.92	21.65	3.84
6.0	1441	6.0			0.25	1.5		7.9	8.3	99		1.40	92		7.98	21.64	3.89
6.0	1441	7.0			0.25	1.5		7.9	8.3	100		1.58	104		8.08	21.62	3.97
6.0	1441	8.0			0.26	1.5		7.9	8.4	100		1.65	108		8.11	21.61	3.99
6.0	1441	9.0			0.26	1.5		8.0	8.4	100		1.80	118		8.12	21.61	4.00
6.0	1441	10.0			0.27	1.6		8.0	8.4	100		1.83	120		8.13	21.61	4.01
6.0	1441	11.0	1.8	0.35	0.27	1.6		8.0	8.5	101		1.90	124		8.11	21.62	3.99

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7.0	1419	1.0			0.26	1.5		7.9	8.3	101		1.48	98	5.9	11.25	21.30	6.44
7.0	1419	2.0			0.26	1.6		7.9	8.3	101		1.46	96		11.22	21.32	6.41
7.0	1419	3.0			0.26	1.6		7.9	8.3	101		1.45	95		11.23	21.31	6.42
7.0	1419	4.0			0.26	1.6		7.9	8.3	101		1.45	95		11.21	21.33	6.40
7.0	1419	5.0			0.26	1.6		7.9	8.3	101		1.43	95		11.21	21.29	6.41
7.0	1419	6.0			0.26	1.6		7.9	8.3	101		1.44	95		11.24	21.27	6.44
7.0	1419	7.0			0.26	1.6		7.9	8.3	101		1.47	97		11.26	21.27	6.45
7.0	1419	8.0			0.26	1.6		7.9	8.3	100		1.48	97		11.28	21.25	6.47
7.0	1419	9.0			0.26	1.6		7.9	8.3	100		1.50	99		11.34	21.22	6.53
7.0	1419	10.0			0.26	1.6		7.9	8.3	100		1.53	101		11.38	21.20	6.55
7.0	1419	11.0			0.26	1.6		7.9	8.3	100		1.55	102		11.41	21.18	6.59
7.0	1419	12.0			0.26	1.6		7.9	8.3	101		1.60	105		11.42	21.18	6.59
7.0	1419	13.0			0.26	1.5		7.9	8.3	101		1.61	105		11.42	21.18	6.59
7.0	1419	14.0			0.26	1.6		7.9	8.3	101		1.61	106		11.40	21.18	6.58
7.0	1419	15.0			0.26	1.6		7.9	8.3	101		1.63	107		11.43	21.17	6.60
7.0	1419	16.0			0.26	1.6		7.9	8.3	101		1.65	108		11.43	21.17	6.60
7.0	1419	17.0			0.26	1.6		7.9	8.3	101		1.66	109		11.42	21.17	6.59
8.0	1351	1.0			0.22	1.2		7.8	8.2	99		0.79	53	3.4	12.23	21.07	7.23
8.0	1351	2.0			0.22	1.2		7.8	8.2	99		0.77	52		12.24	21.07	7.24
8.0	1351	3.0			0.23	1.3		7.7	8.2	99		0.79	54		12.39	21.03	7.36
8.0	1351	4.0			0.23	1.3		7.6	8.0	98		0.85	57		12.59	21.00	7.52
8.0	1351	5.0			0.25	1.5		7.6	8.0	98		1.19	79		14.09	20.72	8.72
8.0	1351	6.0			0.26	1.6		7.6	8.0	98		1.69	111		14.29	20.71	8.87
8.0	1351	7.0			0.27	1.7		7.6	8.1	98		2.30	150		14.46	20.70	9.00
8.0	1351	8.0			0.27	1.7		7.6	8.1	98		2.49	162		14.58	20.69	9.10
8.0	1351	9.0			0.27	1.7		7.6	8.1	98		2.49	162		14.75	20.68	9.23
8.0	1351	10.0			0.27	1.7		7.6	8.1	98		2.54	165		14.76	20.67	9.23
8.0	1351	11.0			0.28	1.8		7.6	8.1	99		2.56	166		14.76	20.67	9.23
8.0	1351	12.0			0.29	1.8		7.6	8.1	99		2.63	170		14.75	20.67	9.23
8.0	1351	13.0			0.29	1.8		7.6	8.1	99		2.67	173		14.75	20.67	9.23
8.0	1351	14.0			0.28	1.8		7.6	8.1	99		2.68	174		14.76	20.67	9.23
8.0	1351	15.0			0.28	1.8		7.6	8.1	99		2.66	173		14.75	20.68	9.23
9.0	1335	1.0			0.23	1.3		7.7	8.2	100		0.86	58	2.9	15.04	20.89	9.40
9.0	1335	2.0	1.1	0.39	0.22	1.2	7.9	7.7	8.2	100	52.8	0.80	54		15.19	20.84	9.52
9.0	1335	3.0			0.22	1.3		7.7	8.2	100		0.80	54		15.28	20.82	9.60
9.0	1335	4.0			0.23	1.3		7.7	8.2	100		0.81	55		15.34	20.80	9.64
9.0	1335	5.0			0.23	1.3		7.7	8.1	100		0.81	55		15.51	20.78	9.78
9.0	1335	6.0			0.23	1.3		7.7	8.1	100		0.79	54		15.72	20.74	9.94
9.0	1335	7.0			0.23	1.3		7.7	8.1	100		0.81	55		16.05	20.70	10.20
9.0	1335	8.0			0.23	1.3		7.7	8.1	100		0.90	60		16.08	20.70	10.23
9.0	1335	9.0			0.24	1.4		7.7	8.1	100		0.90	61		16.03	20.70	10.19

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9.0	1335	10.0			0.24	1.4		7.7	8.1	100		0.91	61		16.10	20.70	10.25
9.0	1335	11.0			0.23	1.4		7.7	8.1	100		0.92	62		16.09	20.70	10.23
9.0	1335	12.0			0.24	1.4		7.7	8.1	100		0.93	62		16.48	20.65	10.54
9.0	1335	13.0			0.25	1.5		7.7	8.1	100		0.99	66		16.63	20.63	10.66
9.0	1335	14.0			0.25	1.5		7.7	8.1	100		1.06	71		16.66	20.63	10.68
9.0	1335	15.0			0.25	1.5		7.7	8.1	100		1.11	74		16.70	20.62	10.72
9.0	1335	16.0			0.25	1.5		7.7	8.1	100		1.20	80		16.72	20.62	10.73
9.0	1335	17.0			0.25	1.5		7.7	8.1	100		1.28	85		16.70	20.62	10.72
9.0	1335	18.0			0.25	1.5		7.7	8.1	100		1.30	86		16.73	20.62	10.74
9.0	1335	19.0			0.25	1.5		7.7	8.1	100		1.33	88		16.74	20.62	10.74
9.0	1335	20.0			0.25	1.5		7.7	8.1	100		1.42	93		16.76	20.61	10.77
9.0	1335	21.0			0.25	1.5		7.7	8.1	100		1.45	95		16.77	20.61	10.77
9.0	1335	22.0			0.25	1.5		7.7	8.1	100		1.47	97		16.79	20.60	10.78
9.0	1335	23.0			0.26	1.6		7.7	8.1	100		1.50	99		16.81	20.59	10.81
9.0	1335	24.0			0.26	1.6		7.7	8.1	100		1.55	102		16.82	20.58	10.82
9.0	1335	25.0			0.26	1.6		7.7	8.1	100		1.58	104		16.82	20.58	10.82
9.0	1335	26.0			0.26	1.6		7.7	8.1	100		1.60	105		16.83	20.58	10.82
9.0	1335	27.0			0.26	1.5		7.7	8.1	100		1.62	107		16.84	20.58	10.83
9.0	1335	28.0			0.26	1.6		7.7	8.1	100		1.63	107		16.84	20.58	10.83
9.0	1335	29.0			0.26	1.6		7.7	8.1	100		1.65	108		16.84	20.58	10.83
9.0	1335	30.0	1.5	0.28	0.26	1.6		7.7	8.1	100		1.69	111		16.83	20.58	10.83
10.0	1322	1.0			0.26	1.6		7.7	8.2	101		0.44	31	2.4	16.31	21.08	10.31
10.0	1322	2.0			0.26	1.6		7.7	8.2	102		0.44	32		16.21	21.13	10.22
10.0	1322	3.0			0.26	1.6		7.7	8.2	102		0.43	31		16.19	21.15	10.20
10.0	1322	4.0			0.27	1.6		7.7	8.2	102		0.43	30		16.23	21.17	10.23
10.0	1322	5.0			0.28	1.7		7.7	8.2	102		0.44	31		16.37	21.17	10.33
10.0	1322	6.0			0.28	1.8		7.7	8.1	101		0.44	32		16.35	21.16	10.32
10.0	1322	7.0			0.28	1.7		7.7	8.1	101		0.44	31		16.52	21.08	10.47
10.0	1322	8.0			0.27	1.7		7.7	8.1	101		0.44	31		16.72	21.02	10.64
10.0	1322	9.0			0.27	1.6		7.7	8.1	101		0.44	32		16.81	21.02	10.70
10.0	1322	10.0			0.27	1.7		7.7	8.1	101		0.44	31		16.99	21.02	10.84
10.0	1322	11.0			0.28	1.7		7.6	8.1	101		0.44	31		17.11	21.02	10.93
10.0	1322	12.0			0.28	1.7		7.5	8.0	100		0.46	33		17.29	20.93	11.09
10.0	1322	13.0			0.27	1.7		7.5	8.0	99		0.55	38		17.74	20.76	11.47
10.0	1322	14.0			0.27	1.7		7.6	8.0	100		0.70	48		17.95	20.70	11.64
10.0	1322	15.0			0.27	1.7		7.6	8.0	100		0.76	52		17.94	20.70	11.63
10.0	1322	16.0			0.27	1.6		7.6	8.0	100		0.77	53		17.97	20.70	11.65
10.0	1322	17.0			0.27	1.6		7.6	8.0	100		0.83	56		17.97	20.69	11.66
11.0	1305	1.0			0.27	1.7		7.6	8.0	101		0.30	23	2.0	17.94	21.28	11.49
11.0	1305	2.0			0.27	1.6		7.6	8.0	100		0.31	23		17.97	21.09	11.56
11.0	1305	3.0			0.25	1.5		7.5	7.9	99		0.33	24		18.04	20.99	11.64

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
11.0	1305	4.0			0.24	1.4		7.3	7.8	98		0.41	30		18.39	20.76	11.96
11.0	1305	5.0			0.24	1.4		7.3	7.8	98		0.68	47		19.03	20.51	12.50
11.0	1305	6.0			0.25	1.5		7.3	7.8	98		0.81	55		19.50	20.41	12.89
11.0	1305	7.0			0.25	1.5		7.4	7.9	98		0.89	60		19.60	20.39	12.97
11.0	1305	8.0			0.25	1.5		7.4	7.9	98		0.94	63		19.67	20.38	13.02
11.0	1305	9.0			0.25	1.5		7.4	7.9	98		0.96	64		19.70	20.38	13.05
11.0	1305	10.0			0.25	1.5		7.4	7.9	98		0.98	66		19.73	20.37	13.06
11.0	1305	11.0			0.26	1.5		7.4	7.9	99		1.02	68		19.79	20.37	13.11
11.0	1305	12.0			0.26	1.6		7.4	7.9	99		1.01	68		19.79	20.36	13.11
11.0	1305	13.0			0.26	1.6		7.4	7.9	99		1.09	73		19.83	20.36	13.15
11.0	1305	14.0			0.26	1.6		7.4	7.9	99		1.11	74		19.83	20.36	13.15
11.0	1305	15.0			0.27	1.7		7.4	7.9	99		1.12	74		19.83	20.36	13.15
11.0	1305	16.0			0.28	1.7		7.5	8.0	100		1.15	77		19.83	20.36	13.15
12.0	1251	1.0			0.41	2.9		7.5	8.0	102		0.32	24	2.1	20.67	21.25	13.56
12.0	1251	2.0			0.39	2.7		7.2	7.7	97		0.32	24		20.97	20.82	13.90
12.0	1251	3.0			0.31	2.0		7.2	7.7	98		0.38	28		21.85	20.15	14.73
12.0	1251	4.0			0.29	1.9		7.3	7.8	98		0.63	43		22.14	20.05	14.97
12.0	1251	5.0			0.31	2.0		7.3	7.8	98		1.42	94		22.27	20.01	15.08
12.0	1251	6.0			0.32	2.1		7.3	7.8	98		1.72	113		22.37	19.98	15.17
12.0	1251	7.0			0.33	2.2		7.3	7.8	98		1.93	126		22.39	19.98	15.18
12.0	1251	8.0			0.33	2.2		7.3	7.8	98		2.14	139		22.40	19.98	15.19
12.0	1251	9.0			0.35	2.4		7.3	7.8	98		2.29	149		22.40	19.98	15.19
12.0	1251	10.0			0.36	2.4		7.3	7.8	98		2.42	157		22.39	19.98	15.17
13.0	1230	1.0			0.33	2.1		7.6	8.0	102		0.26	20	1.7	23.19	20.32	15.70
13.0	1230	2.0	1.9	0.72	0.33	2.2	7.9	7.3	7.8	99	16.8	0.24	19		23.29	20.19	15.81
13.0	1230	3.0			0.30	1.9		7.1	7.6	96		0.24	19		23.81	19.75	16.31
13.0	1230	4.0			0.28	1.8		7.0	7.5	95		0.33	24		24.98	19.19	17.34
13.0	1230	5.0			0.29	1.8		7.0	7.6	95		1.40	92		26.07	18.86	18.24
13.0	1230	6.0			0.30	1.9		7.1	7.6	96		2.04	133		26.34	18.78	18.47
13.0	1230	7.0			0.31	2.0		7.1	7.6	96		2.11	138		26.39	18.77	18.51
13.0	1230	8.0			0.32	2.1		7.1	7.6	96		2.30	150		26.47	18.75	18.57
13.0	1230	9.0			0.32	2.1		7.1	7.6	96		2.57	167		26.52	18.73	18.62
13.0	1230	10.0	1.4	0.18	0.32	2.1		7.2	7.7	97		2.56	166		26.51	18.75	18.60
14.0	1216	1.0			0.27	1.7		7.2	7.7	99		0.18	15	1.7	25.05	19.74	17.25
14.0	1216	2.0			0.28	1.7		7.1	7.6	97		0.18	15		25.42	19.47	17.61
14.0	1216	3.0			0.26	1.6		7.0	7.5	95		0.18	15		25.67	19.13	17.87
14.0	1216	4.0			0.25	1.5		7.0	7.5	95		0.22	17		26.46	18.76	18.57
14.0	1216	5.0			0.25	1.4		7.0	7.6	95		0.29	22		26.63	18.69	18.71
14.0	1216	6.0			0.25	1.5		7.0	7.6	95		0.34	25		26.65	18.68	18.73
14.0	1216	7.0			0.25	1.5		7.1	7.6	95		0.43	30		26.73	18.64	18.80

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
14.0	1216	8.0			0.26	1.5		7.1	7.6	95		0.58	40		26.76	18.63	18.82
14.0	1216	9.0			0.26	1.6		7.1	7.6	96		0.66	45		26.79	18.61	18.85
14.0	1216	10.0			0.27	1.7		7.1	7.6	96		0.83	56		26.81	18.60	18.88
14.0	1216	11.0			0.28	1.7		7.1	7.6	96		0.97	65		26.85	18.58	18.90
14.0	1216	12.0			0.28	1.8		7.1	7.6	96		1.13	75		26.86	18.57	18.92
14.0	1216	13.0			0.29	1.8		7.1	7.6	96		1.27	84		26.87	18.57	18.93
14.0	1216	14.0			0.29	1.8		7.1	7.6	96		1.54	101		26.88	18.56	18.93
14.0	1216	15.0			0.29	1.8		7.2	7.7	97		1.49	98		26.86	18.59	18.92
15.0	1159	1.0			0.30	1.9		7.4	7.9	100		0.20	16	1.7	24.89	19.82	17.12
15.0	1159	2.0	2.0	0.68	0.29	1.9	7.8	7.2	7.7	98	19.9	0.20	16		24.98	19.64	17.23
15.0	1159	3.0			0.27	1.7		7.1	7.7	97		0.22	17		25.51	19.32	17.71
15.0	1159	4.0			0.25	1.5		7.1	7.6	96		0.31	23		25.83	19.21	17.98
15.0	1159	5.0			0.24	1.4		7.0	7.5	95		0.37	27		26.39	19.01	18.45
15.0	1159	6.0			0.24	1.4		7.0	7.5	95		0.44	31		26.91	18.77	18.90
15.0	1159	7.0			0.24	1.4		7.0	7.5	95		0.50	35		27.04	18.67	19.03
15.0	1159	8.0			0.25	1.5		7.0	7.6	95		0.54	38		27.15	18.59	19.13
15.0	1159	9.0			0.25	1.5		7.0	7.6	95		0.58	40		27.19	18.56	19.17
15.0	1159	10.0			0.25	1.5		7.1	7.6	96		0.63	43		27.27	18.52	19.24
15.0	1159	11.0			0.25	1.5		7.1	7.6	96		0.64	44		27.37	18.47	19.33
15.0	1159	12.0			0.25	1.5		7.1	7.6	96		0.67	46		27.44	18.44	19.39
15.0	1159	13.0			0.26	1.5		7.1	7.6	96		0.67	46		27.49	18.43	19.43
15.0	1159	14.0			0.26	1.6		7.1	7.7	96		0.68	47		27.53	18.42	19.46
15.0	1159	15.0			0.26	1.6		7.2	7.7	97		0.67	46		27.55	18.41	19.48
15.0	1159	16.0			0.26	1.6		7.2	7.7	97		0.66	45		27.57	18.42	19.49
15.0	1159	17.0			0.26	1.6		7.2	7.7	97		0.62	43		27.56	18.42	19.49
15.0	1159	18.0			0.26	1.6		7.2	7.7	97		0.60	42		27.59	18.42	19.51
15.0	1159	19.0			0.27	1.7		7.2	7.7	97		0.54	38		27.63	18.43	19.54
15.0	1159	20.0			0.28	1.7		7.2	7.7	97		0.51	36		27.67	18.42	19.58
15.0	1159	21.0			0.27	1.7		7.2	7.7	97		0.52	36		27.71	18.40	19.60
15.0	1159	22.0			0.27	1.7		7.2	7.7	97		0.52	37		27.71	18.39	19.61
15.0	1159	23.0			0.27	1.7		7.2	7.7	97		0.53	37		27.73	18.38	19.63
15.0	1159	24.0	1.2	0.31	0.27	1.7		7.2	7.7	97		0.57	40		27.75	18.37	19.64
16.0	1134	1.0			0.27	1.7		6.9	7.4	93		0.15	13	1.5	29.90	17.22	21.55
16.0	1134	2.0			0.27	1.7		6.9	7.5	93		0.16	13		29.92	17.17	21.58
16.0	1134	3.0			0.28	1.7		6.9	7.4	93		0.17	14		29.95	17.11	21.62
16.0	1134	4.0			0.28	1.8		6.9	7.4	93		0.19	16		29.96	17.09	21.63
16.0	1134	5.0			0.28	1.8		6.9	7.5	93		0.28	21		29.97	17.05	21.65
16.0	1134	6.0			0.28	1.8		6.9	7.5	93		0.28	22		29.97	17.05	21.65
16.0	1134	7.0			0.28	1.8		6.9	7.5	93		0.28	21		29.97	17.06	21.65
16.0	1134	8.0			0.29	1.8		6.9	7.5	93		0.29	22		29.98	17.05	21.66
16.0	1134	9.0			0.30	1.9		6.9	7.5	93		0.29	22		29.98	17.05	21.66

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
16.0	1134	10.0			0.31	2.0		7.0	7.5	93		0.29	22		29.98	17.05	21.66
16.0	1134	11.0			0.31	2.0		7.0	7.5	93		0.29	22		29.98	17.04	21.66
16.0	1134	12.0			0.31	2.0		7.0	7.5	93		0.33	24		29.98	17.04	21.66
16.0	1134	13.0			0.31	2.0		7.0	7.5	93		0.37	27		29.98	17.04	21.66
17.0	1118	1.0			0.24	1.4		7.1	7.6	96		0.12	11	1.1	29.16	17.59	20.91
17.0	1118	2.0			0.25	1.5		7.1	7.6	95		0.12	11		29.48	17.38	21.20
17.0	1118	3.0			0.26	1.6		7.1	7.6	95		0.12	11		29.78	17.16	21.48
17.0	1118	4.0			0.27	1.7		7.1	7.6	95		0.12	11		29.86	17.10	21.55
17.0	1118	5.0			0.27	1.6		7.1	7.6	94		0.13	12		29.88	17.08	21.57
17.0	1118	6.0			0.26	1.6		7.1	7.6	95		0.14	12		29.98	17.01	21.66
17.0	1118	7.0			0.26	1.6		7.1	7.6	95		0.14	12		30.12	16.97	21.78
17.0	1118	8.0			0.27	1.6		7.1	7.6	95		0.15	13		30.16	16.96	21.82
17.0	1118	9.0			0.28	1.7		7.0	7.6	94		0.15	13		30.27	16.89	21.91
17.0	1118	10.0			0.30	1.9		7.0	7.6	94		0.18	15		30.37	16.78	22.01
17.0	1118	11.0			0.32	2.1		7.1	7.6	94		0.24	18		30.43	16.70	22.08
17.0	1118	12.0			0.32	2.1		7.1	7.6	94		0.34	25		30.45	16.68	22.10
17.0	1118	13.0			0.32	2.1		7.1	7.6	94		0.42	30		30.46	16.67	22.11
17.0	1118	14.0			0.32	2.1		7.1	7.6	94		0.53	37		30.47	16.65	22.12
18.0	1059	1.0			0.30	1.9		6.8	7.4	90		0.04	6	0.9	31.58	15.46	23.24
18.0	1059	2.0	2.7	0.53	0.31	2.0	7.2	6.8	7.4	90	9.1	0.09	9		31.58	15.45	23.24
18.0	1059	3.0			0.32	2.1		6.8	7.4	90		0.10	9		31.58	15.45	23.24
18.0	1059	4.0			0.32	2.1		6.8	7.4	90		0.10	10		31.58	15.44	23.25
18.0	1059	5.0			0.32	2.1		6.8	7.4	90		0.11	10		31.58	15.43	23.25
18.0	1059	6.0			0.33	2.2		6.8	7.4	90		0.14	12		31.58	15.43	23.25
18.0	1059	7.0			0.34	2.2		6.8	7.4	90		0.13	12		31.58	15.43	23.25
18.0	1059	8.0			0.34	2.2		6.8	7.4	90		0.13	12		31.58	15.43	23.25
18.0	1059	9.0			0.34	2.3		6.8	7.4	90		0.13	11		31.58	15.43	23.25
18.0	1059	10.0			0.36	2.4		6.8	7.4	90		0.13	12		31.58	15.43	23.25
18.0	1059	11.0			0.35	2.4		6.8	7.4	90		0.12	11		31.58	15.43	23.25
18.0	1059	12.0			0.33	2.2		6.8	7.4	90		0.13	12		31.58	15.43	23.25
18.0	1059	13.0			0.33	2.2		6.8	7.4	90		0.14	12		31.58	15.43	23.25
18.0	1059	14.0			0.35	2.3		6.8	7.4	90		0.16	14		31.58	15.43	23.24
18.0	1059	15.0			0.35	2.4		6.8	7.4	90		0.16	13		31.58	15.43	23.24
18.0	1059	16.0			0.36	2.4		6.8	7.4	90		0.17	14		31.58	15.42	23.24
18.0	1059	17.0			0.37	2.5		6.8	7.4	90		0.16	14		31.58	15.42	23.25
18.0	1059	18.0			0.36	2.5		6.9	7.4	90		0.16	14		31.58	15.42	23.25
18.0	1059	19.0			0.36	2.4		6.8	7.4	90		0.16	13		31.58	15.43	23.24
18.0	1059	20.0			0.37	2.5		6.8	7.4	90		0.15	13		31.58	15.43	23.24
18.0	1059	21.0			0.38	2.6		6.9	7.4	90		0.15	13		31.58	15.43	23.24
18.0	1059	22.0			0.36	2.4		6.9	7.4	90		0.16	14		31.58	15.43	23.24
18.0	1059	23.0			0.35	2.4		6.9	7.4	90		0.16	13		31.58	15.43	23.24

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
18.0	1059	24.0			0.36	2.4		6.9	7.4	90		0.15	13		31.57	15.43	23.24
18.0	1059	25.0			0.36	2.4		6.9	7.4	90		0.16	13		31.57	15.43	23.24
18.0	1059	26.0			0.36	2.5		6.9	7.4	90		0.15	13		31.57	15.43	23.24
18.0	1059	27.0			0.37	2.5		6.9	7.4	90		0.15	13		31.57	15.43	23.24
18.0	1059	28.0			0.37	2.5		6.9	7.4	90		0.15	13		31.57	15.43	23.24
18.0	1059	29.0			0.36	2.5		6.9	7.4	90		0.16	14		31.57	15.43	23.24
18.0	1059	30.0			0.37	2.5		6.9	7.4	90		0.16	13		31.57	15.43	23.24
18.0	1059	31.0			0.37	2.5		6.9	7.4	90		0.14	13		31.58	15.43	23.24
18.0	1059	32.0			0.38	2.6		6.9	7.4	90		0.15	13		31.57	15.43	23.24
18.0	1059	33.0			0.38	2.6		6.9	7.4	90		0.17	14		31.57	15.44	23.23
18.0	1059	34.0			0.37	2.6		6.9	7.4	90		0.17	14		31.57	15.44	23.24
18.0	1059	35.0			0.36	2.5		6.9	7.4	90		0.17	14		31.57	15.44	23.23
18.0	1059	36.0			0.36	2.4		6.9	7.4	90		0.16	14		31.57	15.44	23.23
18.0	1059	37.0			0.38	2.6		6.9	7.4	90		0.17	14		31.57	15.44	23.23
18.0	1059	38.0			0.39	2.7		6.9	7.4	90		0.17	14		31.57	15.44	23.23
18.0	1059	39.0			0.38	2.6		6.9	7.4	90		0.17	14		31.57	15.44	23.23
18.0	1059	40.0			0.37	2.5		6.9	7.4	91		0.17	14		31.57	15.44	23.23
18.0	1059	41.0			0.37	2.5		6.9	7.4	90		0.18	15		31.57	15.44	23.23
18.0	1059	42.0			0.37	2.5		6.9	7.4	90		0.18	15		31.57	15.44	23.23
20.0	1036	1.0			0.29	1.8		7.2	7.7	96		0.03	5		30.61	16.92	22.17
20.0	1036	2.0			0.29	1.9		7.2	7.7	96		0.03	5		30.61	16.93	22.17
20.0	1036	3.0			0.29	1.9		7.2	7.7	96		0.03	5		30.61	16.92	22.17
20.0	1036	4.0			0.30	1.9		7.0	7.6	94		0.03	5		30.62	16.87	22.19
20.0	1036	5.0			0.30	1.9		7.0	7.5	93		0.04	6		30.73	16.68	22.32
20.0	1036	6.0			0.29	1.8		7.0	7.5	93		0.14	12		30.86	16.45	22.47
20.0	1036	7.0			0.29	1.8		7.0	7.5	93		0.20	16		30.88	16.42	22.49
20.0	1036	8.0			0.30	1.9		7.0	7.5	93		0.21	17		30.88	16.43	22.48
20.0	1036	9.0			0.31	2.0		7.0	7.6	93		0.23	18		30.88	16.43	22.48
20.0	1036	10.0			0.30	1.9		7.0	7.5	93		0.22	18		30.87	16.44	22.48
20.0	1036	11.0			0.31	2.0		7.0	7.6	93		0.23	18		30.88	16.42	22.49
20.0	1036	12.0			0.31	2.0		7.0	7.6	94		0.26	20		30.88	16.43	22.48
20.0	1036	13.0			0.32	2.1		7.0	7.6	94		0.26	20		30.88	16.43	22.49
20.0	1036	14.0			0.33	2.2		7.0	7.6	93		0.27	21		30.88	16.43	22.48
20.0	1036	15.0			0.33	2.2		7.0	7.6	93		0.30	22		30.91	16.40	22.51
20.0	1036	16.0			0.34	2.2		7.0	7.6	94		0.32	24		30.91	16.40	22.51
20.0	1036	17.0			0.34	2.3		7.0	7.6	94		0.35	26		30.91	16.40	22.51
20.0	1036	18.0			0.34	2.3		7.0	7.6	93		0.36	26		30.91	16.39	22.51
20.0	1036	19.0			0.35	2.3		7.0	7.6	93		0.36	26		30.92	16.37	22.53
20.0	1036	20.0			0.34	2.3		7.0	7.6	93		0.35	26		30.95	16.34	22.56
20.0	1036	21.0			0.34	2.3		7.0	7.6	93		0.37	27		30.96	16.32	22.57
20.0	1036	22.0			0.34	2.3		7.0	7.5	93		0.37	27		30.96	16.32	22.57
20.0	1036	23.0			0.34	2.3		6.9	7.5	92		0.38	27		31.02	16.24	22.63

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
20.0	1036	24.0			0.34	2.3		7.0	7.5	93		0.37	27		31.10	16.12	22.73
20.0	1036	25.0			0.34	2.3		7.0	7.5	92		0.36	27		31.07	16.16	22.69
20.0	1036	26.0			0.34	2.2		6.9	7.5	92		0.37	27		31.10	16.12	22.73
20.0	1036	27.0			0.33	2.2		7.0	7.5	92		0.38	27		31.18	16.01	22.81
20.0	1036	28.0			0.34	2.3		7.0	7.5	92		0.39	28		31.18	16.01	22.81
20.0	1036	29.0			0.34	2.3		6.9	7.5	92		0.41	29		31.16	16.04	22.79

	n	r^2	Slope	Inter.	Std. Err.
Fluorometer Calibration:	15	0.399	8.669	-0.684	0.358
OBS Calibration:	8	0.840	63.561	3.393	9.670
Dissolved Oxygen Calibration:	8	0.852	0.893	1.277	0.199

SeaBird v4.026

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
36.0	0629	1.0			1.99	21.8		5.5	5.5	74		2.07	152		19.42	24.14	11.85
36.0	0629	2.0	22.1	0.64	2.14	23.6	5.4	5.5	5.6	75	238.2	3.25	238		19.84	23.92	12.23
36.0	0629	3.0			2.45	27.4		5.7	5.8	78		3.32	243		20.23	23.61	12.61
36.0	0629	4.0			2.70	30.4		5.9	6.0	80		3.22	236		20.78	23.43	13.08
36.0	0629	5.0			2.65	29.8		5.8	6.0	80		3.07	225		20.97	23.47	13.20
36.0	0629	6.0	30.6	0.69	2.60	29.2		5.7	5.9	79		2.81	206		21.47	23.64	13.54
34.0	0646	1.0			1.55	16.5		5.9	6.0	82		1.39	103		23.19	23.84	14.77
34.0	0646	2.0			1.55	16.4	6.1	5.8	6.0	81		1.52	113		23.70	23.70	15.20
34.0	0646	3.0			1.51	15.9		5.8	5.9	81		1.80	133		23.86	23.61	15.34
34.0	0646	4.0			1.49	15.7		5.8	5.9	81		1.95	144		23.88	23.58	15.37
34.0	0646	5.0			1.52	16.1		5.8	6.0	81		1.97	145		23.89	23.57	15.38
34.0	0646	6.0			1.53	16.2		5.8	6.0	81		2.00	148		23.89	23.57	15.38
32.0	0706	1.0			0.63	5.2		6.4	6.7	91		0.33	27	2.0	25.60	23.48	16.69
32.0	0706	2.0	5.8	0.65	0.61	5.0	6.8	6.3	6.6	91	30.3	0.40	32		25.77	23.39	16.85
32.0	0706	3.0			0.62	5.1		6.2	6.5	88		0.47	37		25.78	23.31	16.87
32.0	0706	4.0			0.63	5.3		6.2	6.5	88		0.53	42		25.79	23.17	16.92
32.0	0706	5.0			0.63	5.3		6.2	6.5	88		0.64	50		25.80	23.13	16.94
32.0	0706	6.0			0.63	5.3		6.3	6.6	89		0.79	60		25.83	23.08	16.98
32.0	0706	7.0			0.63	5.3		6.3	6.6	89		0.84	64		25.85	23.07	16.99
32.0	0706	8.0			0.63	5.2		6.3	6.6	89		0.85	64		25.86	23.06	17.00
32.0	0706	9.0			0.63	5.2		6.3	6.6	89		0.85	64		25.88	23.04	17.02
32.0	0706	10.0	3.9	0.46	0.63	5.3		6.3	6.6	90		0.80	61		25.90	23.01	17.04
30.0	0734	1.0			0.46	3.3		6.8	7.2	98		0.17	15	1.5	26.72	22.59	17.78
30.0	0734	2.0	2.8	0.63	0.46	3.3	7.1	6.8	7.2	98	15.3	0.17	15		26.73	22.60	17.78
30.0	0734	3.0			0.46	3.3		6.8	7.2	98		0.17	15		26.73	22.60	17.78
30.0	0734	4.0			0.47	3.3		6.8	7.2	98		0.16	15		26.73	22.58	17.79
30.0	0734	5.0			0.46	3.3		6.8	7.2	97		0.17	15		26.73	22.57	17.79
30.0	0734	6.0			0.45	3.1		6.8	7.2	97		0.16	15		26.86	22.50	17.91
30.0	0734	7.0			0.44	2.9		6.8	7.2	97		0.17	15		26.91	22.45	17.97
30.0	0734	8.0			0.43	2.9		6.8	7.1	97		0.19	17		26.94	22.42	17.99
30.0	0734	9.0			0.43	2.8		6.7	7.1	96		0.21	18		26.96	22.38	18.02
30.0	0734	10.0			0.41	2.6		6.7	7.1	96		0.21	18		27.03	22.24	18.11
30.0	0734	11.0			0.40	2.5		6.7	7.1	96		0.21	18		27.10	22.17	18.18
30.0	0734	12.0			0.39	2.4		6.8	7.1	96		0.21	18		27.13	22.14	18.21
30.0	0734	13.0	2.0	0.43	0.39	2.4		6.8	7.2	97		0.21	18		27.14	22.12	18.23
29.0	0803	1.0			0.35	1.9		6.9	7.3	98		0.06	7	1.0	27.33	21.88	18.43
29.0	0803	2.0			0.35	1.9		6.9	7.3	98		0.06	7		27.33	21.88	18.43
29.0	0803	3.0			0.36	1.9		6.9	7.3	98		0.06	7		27.32	21.88	18.43
29.0	0803	4.0			0.35	1.9		6.9	7.3	98		0.06	7		27.33	21.89	18.43

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
29.0	0803	5.0			0.34	1.7		6.8	7.2	96		0.06	7		27.37	21.85	18.47
29.0	0803	6.0			0.32	1.5		6.8	7.2	96		0.06	7		27.49	21.73	18.60
29.0	0803	7.0			0.30	1.3		6.7	7.1	95		0.06	8		27.56	21.65	18.67
29.0	0803	8.0			0.29	1.2		6.7	7.1	95		0.06	8		27.73	21.44	18.86
29.0	0803	9.0			0.28	1.1		6.7	7.1	95		0.06	7		27.80	21.36	18.92
29.0	0803	10.0			0.28	1.0		6.8	7.1	95		0.06	7		27.84	21.30	18.98
29.0	0803	11.0			0.28	1.0		6.7	7.1	95		0.05	7		27.85	21.26	18.99
29.0	0803	12.0			0.28	1.0		6.8	7.1	95		0.05	7		27.88	21.22	19.03
29.0	0803	13.0			0.28	1.1		6.8	7.1	95		0.06	7		27.94	21.21	19.07
29.0	0803	14.0			0.29	1.1		6.8	7.2	96		0.08	8		27.95	21.21	19.08
27.0	0830	1.0			0.29	1.2		7.0	7.4	98		0.04	5	0.9	28.02	21.02	19.19
27.0	0830	2.0	1.3	0.52	0.29	1.2	7.4	7.0	7.4	99	7.9	0.04	5		28.02	21.03	19.19
27.0	0830	3.0			0.29	1.2		7.0	7.4	99		0.04	6		28.03	21.02	19.19
27.0	0830	4.0			0.29	1.1		7.0	7.4	98		0.04	5		28.02	21.03	19.19
27.0	0830	5.0			0.28	1.0		6.9	7.4	98		0.03	5		28.08	20.99	19.24
27.0	0830	6.0			0.27	1.0		6.9	7.4	98		0.04	6		28.10	20.97	19.26
27.0	0830	7.0			0.27	0.9		6.9	7.4	98		0.06	7		28.11	20.96	19.27
27.0	0830	8.0			0.27	0.9		6.9	7.4	98		0.08	8		28.12	20.95	19.28
27.0	0830	9.0			0.27	0.9		6.9	7.4	97		0.08	9		28.14	20.92	19.30
27.0	0830	10.0			0.27	0.9		6.9	7.3	97		0.08	9		28.16	20.88	19.33
27.0	0830	11.0			0.26	0.8		6.9	7.3	97		0.10	10		28.17	20.87	19.33
27.0	0830	12.0	0.9	0.34	0.26	0.8		6.9	7.4	98		0.15	13		28.17	20.87	19.34
25.0	0858	1.0			0.38	2.2		7.3	7.9	103		0.05	7	0.8	28.84	20.23	20.02
25.0	0858	2.0			0.37	2.2		7.3	7.9	103		0.05	7		28.84	20.23	20.01
25.0	0858	3.0			0.37	2.2		7.3	7.9	103		0.05	6		28.84	20.23	20.02
25.0	0858	4.0			0.38	2.2		7.3	7.9	103		0.05	6		28.84	20.22	20.02
25.0	0858	5.0			0.38	2.2		7.3	7.9	103		0.06	7		28.84	20.22	20.02
25.0	0858	6.0			0.38	2.2		7.3	7.9	103		0.09	10		28.84	20.22	20.02
25.0	0858	7.0			0.38	2.2		7.3	7.8	103		0.11	11		28.84	20.22	20.02
25.0	0858	8.0			0.38	2.2		7.3	7.9	103		0.12	12		28.84	20.22	20.02
24.0	0919	1.0			0.37	2.1		7.0	7.5	98		0.03	5	0.8	29.06	20.08	20.22
24.0	0919	2.0	2.0	0.64	0.36	2.0	7.6	7.0	7.4	97	4.2	0.03	5		29.12	19.95	20.30
24.0	0919	3.0			0.34	1.8		6.9	7.4	96		0.05	6		29.22	19.80	20.41
24.0	0919	4.0			0.33	1.6		6.9	7.4	96		0.08	8		29.26	19.71	20.46
24.0	0919	5.0			0.32	1.5		6.9	7.3	95		0.08	9		29.28	19.68	20.48
24.0	0919	6.0			0.31	1.4		6.9	7.3	95		0.10	10		29.36	19.53	20.59
24.0	0919	7.0			0.31	1.3		6.9	7.3	95		0.13	12		29.37	19.52	20.59
24.0	0919	8.0			0.30	1.3		6.9	7.3	95		0.16	14		29.40	19.46	20.63
24.0	0919	9.0			0.30	1.3		6.9	7.3	95		0.17	15		29.41	19.44	20.64
24.0	0919	10.0	1.6	0.32	0.30	1.3		6.9	7.3	95		0.20	18		29.41	19.44	20.64

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
22.0	0955	1.0			0.30	1.3		6.9	7.3	93		0.04	5	0.8	29.99	18.11	21.41
22.0	0955	2.0			0.30	1.3		6.9	7.3	93		0.04	6		30.02	18.01	21.46
22.0	0955	3.0			0.29	1.2		6.9	7.3	93		0.04	6		30.02	18.02	21.46
22.0	0955	4.0			0.28	1.1		6.9	7.3	92		0.04	6		30.03	17.98	21.47
22.0	0955	5.0			0.28	1.0		6.8	7.2	91		0.05	6		30.03	17.92	21.49
22.0	0955	6.0			0.27	1.0		6.8	7.2	90		0.05	7		30.08	17.79	21.56
22.0	0955	7.0			0.27	0.9		6.8	7.1	90		0.07	8		30.11	17.69	21.60
22.0	0955	8.0			0.26	0.8		6.8	7.1	90		0.09	9		30.13	17.63	21.64
22.0	0955	9.0			0.26	0.8		6.8	7.2	90		0.13	12		30.16	17.56	21.68
22.0	0955	10.0			0.26	0.8		6.8	7.2	90		0.18	16		30.16	17.56	21.68
22.0	0955	11.0			0.26	0.8		6.8	7.2	90		0.23	19		30.16	17.57	21.67
22.0	0955	12.0			0.26	0.8		6.8	7.2	91		0.25	21		30.16	17.56	21.68
22.0	0955	13.0			0.26	0.8		6.8	7.2	91		0.24	20		30.16	17.58	21.67
22.0	0955	14.0			0.27	0.9		6.8	7.2	91		0.24	20		30.17	17.56	21.68
22.0	0955	15.0			0.28	1.0		6.8	7.2	91		0.25	21		30.17	17.55	21.68
22.0	0955	16.0			0.29	1.1		6.8	7.2	91		0.28	23		30.17	17.56	21.68
22.0	0955	17.0			0.29	1.1		6.8	7.2	91		0.32	26		30.17	17.56	21.68
22.0	0955	18.0			0.28	1.1		6.8	7.2	91		0.34	27		30.17	17.55	21.68
21.0	1011	1.0			0.28	1.0		7.0	7.5	94		0.21	18	1.2	30.00	17.57	21.55
21.0	1011	2.0	1.8	0.46	0.27	1.0	7.3	7.0	7.5	94	17.0	0.21	18		30.01	17.57	21.56
21.0	1011	3.0			0.27	1.0		7.0	7.4	94		0.22	19		30.05	17.56	21.59
21.0	1011	4.0			0.28	1.0		7.0	7.4	94		0.23	19		30.08	17.55	21.61
21.0	1011	5.0			0.28	1.1		7.0	7.4	93		0.24	20		30.10	17.55	21.63
21.0	1011	6.0			0.28	1.1		7.0	7.4	93		0.25	21		30.16	17.53	21.68
21.0	1011	7.0			0.29	1.1		7.0	7.4	93		0.28	23		30.21	17.51	21.72
21.0	1011	8.0			0.30	1.3		7.0	7.4	93		0.30	25		30.22	17.51	21.73
21.0	1011	9.0			0.30	1.3		7.0	7.4	94		0.33	27		30.21	17.52	21.72
21.0	1011	10.0			0.29	1.2		7.0	7.5	94		0.35	28		30.20	17.54	21.71
21.0	1011	11.0			0.30	1.2		7.0	7.5	94		0.35	28		30.18	17.56	21.69
21.0	1011	12.0			0.30	1.2		7.0	7.4	94		0.34	28		30.18	17.56	21.69
21.0	1011	13.0			0.30	1.2		7.0	7.5	94		0.33	27		30.19	17.55	21.70
21.0	1011	14.0			0.30	1.3		7.0	7.4	94		0.34	27		30.20	17.54	21.71
21.0	1011	15.0			0.31	1.4		7.0	7.5	94		0.34	27		30.20	17.53	21.71
21.0	1011	16.0			0.31	1.4		7.0	7.5	94		0.34	28		30.19	17.54	21.70
21.0	1011	17.0			0.30	1.3		7.0	7.5	94		0.35	28		30.18	17.56	21.69
21.0	1011	18.0	1.6	0.30	0.30	1.3		7.0	7.5	94		0.35	28		30.18	17.56	21.69

	n	r^2	Slope	Inter.	Std. Err.
Fluorometer Calibration:	12	0.992	12.133	-2.364	0.883
OBS Calibration:	6	1.000	72.279	2.910	1.573
Dissolved Oxygen Calibration:	7	0.963	1.253	-1.330	0.166

SeaBird v4.026

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
657.0	1608	1.0			0.25	1.6		8.6	8.4	94		0.26	18	1.8	0.08	20.44	0.00
657.0	1608	2.0	1.7	0.65	0.24	1.5	8.3	8.6	8.5	94	23.2	0.26	18		0.08	20.44	0.00
657.0	1608	3.0			0.23	1.5		8.6	8.5	94		0.25	17		0.08	20.44	0.00
657.0	1608	4.0			0.24	1.5		8.6	8.5	94		0.25	18		0.08	20.44	0.00
657.0	1608	5.0			0.24	1.6		8.6	8.5	94		0.26	18		0.08	20.43	0.00
657.0	1608	6.0			0.24	1.6		8.6	8.5	94		0.25	18		0.08	20.42	0.00
657.0	1608	7.0			0.25	1.6		8.6	8.5	94		0.25	18		0.08	20.42	0.00
657.0	1608	8.0			0.25	1.7		8.6	8.5	94		0.26	18		0.08	20.42	0.00
657.0	1608	9.0			0.25	1.6		8.6	8.5	94		0.27	18		0.08	20.41	0.00
657.0	1608	10.0			0.26	1.7		8.6	8.5	94		0.27	18		0.08	20.41	0.00
657.0	1608	11.0	1.8	0.68	0.26	1.7		8.6	8.5	94		0.27	18		0.08	20.42	0.00
649.0	1520	1.0			0.29	1.9		8.6	8.5	95		0.67	37	3.3	0.38	20.49	0.00
649.0	1520	2.0	1.9	0.43	0.29	1.9	8.5	8.6	8.5	95	44.9	0.65	36		0.38	20.49	0.00
649.0	1520	3.0			0.29	1.9		8.6	8.5	95		0.64	36		0.38	20.49	0.00
649.0	1520	4.0			0.29	2.0		8.6	8.5	95		0.67	37		0.38	20.49	0.00
649.0	1520	5.0			0.30	2.0		8.6	8.5	95		0.67	37		0.38	20.49	0.00
649.0	1520	6.0			0.30	2.0		8.6	8.5	95		0.65	37		0.38	20.49	0.00
649.0	1520	7.0			0.30	2.0		8.6	8.5	95		0.66	37		0.39	20.50	0.00
649.0	1520	8.0			0.30	2.0		8.6	8.5	95		0.65	36		0.41	20.51	0.00
649.0	1520	9.0			0.30	2.0		8.6	8.5	95		0.63	36		0.42	20.51	0.00
649.0	1520	10.0			0.30	2.0		8.6	8.5	95		0.63	36		0.42	20.51	0.00
649.0	1520	11.0			0.30	2.0		8.6	8.5	95		0.63	36		0.42	20.51	0.00
649.0	1520	12.0	1.8	0.44	0.31	2.0		8.6	8.5	95		0.62	35		0.43	20.51	0.00
2.0	1502	1.0			0.26	1.7		8.5	8.4	94		0.90	48	4.5	1.23	20.49	0.00
2.0	1502	2.0			0.26	1.7		8.5	8.4	94		0.90	49		1.23	20.48	0.00
2.0	1502	3.0			0.26	1.7		8.5	8.4	95		0.96	51		1.23	20.48	0.00
2.0	1502	4.0			0.27	1.8		8.5	8.4	95		0.96	51		1.23	20.48	0.00
2.0	1502	5.0			0.27	1.8		8.5	8.4	95		0.95	51		1.23	20.48	0.00
2.0	1502	6.0			0.27	1.8		8.6	8.4	95		0.95	51		1.23	20.48	0.00
2.0	1502	7.0			0.27	1.8		8.6	8.4	95		0.95	51		1.23	20.48	0.00
2.0	1502	8.0			0.27	1.8		8.6	8.4	95		0.96	51		1.23	20.48	0.00
2.0	1502	9.0			0.27	1.8		8.6	8.4	95		0.96	51		1.22	20.48	0.00
2.0	1502	10.0			0.28	1.8		8.6	8.4	95		1.00	53		1.22	20.48	0.00
2.0	1502	11.0			0.28	1.8		8.6	8.4	95		0.98	52		1.22	20.48	0.00
3.0	1445	1.0			0.25	1.6		8.7	8.5	96		0.59	34	3.5	1.75	20.37	0.00
3.0	1445	2.0	1.4	0.39	0.25	1.6	8.5	8.7	8.5	96	44.4	0.74	41		1.76	20.36	0.00
3.0	1445	3.0			0.25	1.7		8.6	8.5	95		0.74	41		1.74	20.39	0.00
3.0	1445	4.0			0.26	1.7		8.6	8.5	95		0.73	40		1.84	20.32	0.00
3.0	1445	5.0			0.26	1.7		8.6	8.5	95		0.73	40		1.94	20.30	0.00
3.0	1445	6.0			0.27	1.8		8.6	8.5	96		0.80	44		1.97	20.30	0.00

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3.0	1445	7.0			0.27	1.8		8.6	8.5	96		0.86	46		1.96	20.31	0.00
3.0	1445	8.0			0.27	1.8		8.6	8.5	96		0.94	51		1.96	20.31	0.00
3.0	1445	9.0			0.27	1.8		8.7	8.5	96		0.99	53		1.96	20.30	0.00
3.0	1445	10.0			0.27	1.8		8.7	8.5	96		1.02	54		1.96	20.31	0.00
3.0	1445	11.0			0.27	1.8		8.7	8.5	96		1.00	53		1.96	20.31	0.00
3.0	1445	12.0			0.27	1.8		8.7	8.5	96		1.01	54		1.96	20.31	0.00
3.0	1445	13.0			0.27	1.8		8.7	8.5	96		0.99	53		1.96	20.31	0.00
3.0	1445	14.0	1.6	0.35	0.27	1.8		8.7	8.5	96		0.98	52		1.96	20.31	0.00
4.0	1427	1.0			0.21	1.3		8.2	8.2	92		0.55	32	3.0	2.95	20.48	0.35
4.0	1427	2.0			0.21	1.3		8.2	8.2	92		0.55	32		3.03	20.39	0.43
4.0	1427	3.0			0.21	1.4		8.2	8.2	92		0.58	33		3.09	20.35	0.49
4.0	1427	4.0			0.22	1.4		8.2	8.2	92		0.62	35		3.13	20.32	0.52
4.0	1427	5.0			0.22	1.4		8.2	8.2	93		0.64	36		3.17	20.31	0.55
4.0	1427	6.0			0.22	1.4		8.2	8.2	93		0.67	37		3.21	20.31	0.58
4.0	1427	7.0			0.23	1.5		8.3	8.2	93		0.67	37		3.21	20.31	0.59
4.0	1427	8.0			0.23	1.5		8.3	8.2	93		0.68	38		3.26	20.30	0.63
4.0	1427	9.0			0.23	1.5		8.3	8.2	93		0.69	38		3.28	20.30	0.64
4.0	1427	10.0			0.23	1.5		8.3	8.2	93		0.68	38		3.28	20.30	0.64
4.0	1427	11.0			0.23	1.5		8.3	8.3	93		0.68	38		3.28	20.30	0.64
4.0	1427	12.0			0.23	1.5		8.3	8.3	93		0.67	38		3.29	20.29	0.65
4.0	1427	13.0			0.23	1.5		8.3	8.3	93		0.68	38		3.30	20.30	0.65
4.0	1427	14.0			0.23	1.5		8.3	8.2	93		0.70	39		3.29	20.30	0.65
5.0	1412	1.0			0.22	1.4		7.7	7.7	88		0.53	31	2.6	3.78	20.40	1.00
5.0	1412	2.0			0.22	1.4		7.8	7.9	89		0.62	35		4.34	20.26	1.45
5.0	1412	3.0			0.22	1.4		7.8	7.9	90		0.79	43		4.99	20.16	1.97
5.0	1412	4.0			0.23	1.5		7.8	7.9	90		0.99	53		5.26	20.14	2.17
5.0	1412	5.0			0.24	1.5		7.8	7.9	90		1.08	57		5.35	20.13	2.24
5.0	1412	6.0			0.24	1.6		7.9	7.9	90		1.19	62		5.40	20.13	2.28
5.0	1412	7.0			0.25	1.6		7.9	7.9	90		1.25	65		5.41	20.12	2.29
5.0	1412	8.0			0.25	1.6		7.9	8.0	91		1.26	66		5.41	20.12	2.30
5.0	1412	9.0			0.25	1.6		7.9	8.0	91		1.29	67		5.42	20.12	2.30
5.0	1412	10.0			0.25	1.6		8.0	8.0	91		1.31	68		5.41	20.12	2.30
5.0	1412	11.0			0.25	1.6		8.0	8.0	91		1.35	70		5.41	20.12	2.29
5.0	1412	12.0			0.25	1.6		8.0	8.0	91		1.34	69		5.41	20.12	2.29
6.0	1347	1.0			0.22	1.4		8.2	8.2	94		0.75	41	3.3	7.84	20.00	4.16
6.0	1347	2.0	1.5	0.44	0.22	1.4	8.2	8.2	8.1	94	29.3	0.75	41		7.90	19.97	4.21
6.0	1347	3.0			0.22	1.4		8.2	8.2	94		0.79	43		7.97	19.93	4.27
6.0	1347	4.0			0.23	1.5		8.2	8.2	94		0.77	42		8.04	19.93	4.33
6.0	1347	5.0			0.23	1.5		8.2	8.2	95		0.75	41		8.06	19.93	4.34
6.0	1347	6.0			0.24	1.5		8.2	8.2	95		0.74	41		8.08	19.94	4.35

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6.0	1347	7.0			0.24	1.6		8.2	8.2	95		0.70	39		8.12	19.94	4.38
6.0	1347	8.0			0.24	1.6		8.2	8.2	94		0.65	36		8.35	19.91	4.56
6.0	1347	9.0			0.24	1.5		8.2	8.2	95		0.73	40		8.51	19.88	4.69
6.0	1347	10.0			0.24	1.5		8.2	8.2	95		0.88	48		8.52	19.88	4.70
6.0	1347	11.0			0.24	1.5		8.2	8.2	95		0.92	49		8.52	19.88	4.70
6.0	1347	12.0	2.1	0.46	0.24	1.5		8.2	8.2	95		0.93	50		8.52	19.88	4.70
7.0	1327	1.0			0.21	1.3		7.3	7.5	88		0.79	43	3.8	12.47	19.70	7.73
7.0	1327	2.0			0.21	1.3		7.4	7.6	89		0.86	46		12.49	19.69	7.75
7.0	1327	3.0			0.21	1.3		7.5	7.6	89		0.87	47		12.51	19.69	7.76
7.0	1327	4.0			0.21	1.3		7.5	7.6	90		0.89	48		12.53	19.68	7.78
7.0	1327	5.0			0.21	1.4		7.5	7.6	90		0.89	48		12.54	19.68	7.79
7.0	1327	6.0			0.22	1.4		7.5	7.6	90		0.88	48		12.54	19.68	7.79
7.0	1327	7.0			0.22	1.4		7.6	7.7	90		0.92	49		12.54	19.68	7.78
7.0	1327	8.0			0.22	1.4		7.6	7.7	91		0.91	49		12.54	19.68	7.78
7.0	1327	9.0			0.22	1.4		7.6	7.7	91		0.91	49		12.54	19.68	7.79
7.0	1327	10.0			0.22	1.4		7.6	7.7	91		0.92	49		12.55	19.68	7.80
7.0	1327	11.0			0.22	1.4		7.6	7.7	91		0.90	49		12.57	19.68	7.81
7.0	1327	12.0			0.21	1.4		7.6	7.7	91		0.92	49		12.57	19.68	7.81
7.0	1327	13.0			0.21	1.3		7.6	7.7	91		0.90	48		12.57	19.68	7.81
7.0	1327	14.0			0.21	1.3		7.6	7.7	91		0.90	48		12.58	19.67	7.82
8.0	1302	1.0			0.21	1.3		7.8	7.9	93		0.29	19	2.1	13.94	19.60	8.86
8.0	1302	2.0			0.20	1.2		7.8	7.8	93		0.48	28		14.39	19.58	9.21
8.0	1302	3.0			0.19	1.2		7.8	7.8	93		0.60	34		14.40	19.58	9.22
8.0	1302	4.0			0.19	1.2		7.8	7.9	94		0.60	34		14.41	19.58	9.23
8.0	1302	5.0			0.20	1.2		7.8	7.9	94		0.62	35		14.40	19.58	9.22
8.0	1302	6.0			0.20	1.3		7.8	7.8	94		0.73	40		14.69	19.58	9.44
8.0	1302	7.0			0.21	1.3		7.7	7.8	94		0.97	52		15.40	19.58	9.98
8.0	1302	8.0			0.22	1.4		7.7	7.8	94		1.19	62		15.56	19.57	10.10
8.0	1302	9.0			0.22	1.4		7.7	7.8	94		1.25	65		15.60	19.57	10.13
8.0	1302	10.0			0.22	1.4		7.7	7.8	94		1.19	62		15.84	19.56	10.31
8.0	1302	11.0			0.22	1.4		7.7	7.8	94		1.15	60		15.95	19.56	10.40
8.0	1302	12.0			0.22	1.4		7.7	7.8	94		1.14	60		15.96	19.56	10.40
8.0	1302	13.0			0.22	1.4		7.7	7.8	94		1.15	60		16.01	19.56	10.44
8.0	1302	14.0			0.22	1.4		7.7	7.8	94		1.16	61		16.02	19.56	10.45
8.0	1302	15.0			0.22	1.4		7.7	7.8	94		1.17	61		16.02	19.56	10.45
8.0	1302	16.0			0.22	1.4		7.8	7.8	94		1.20	63		16.02	19.56	10.45
9.0	1247	1.0			0.24	1.6		7.6	7.7	92		0.51	30	2.6	15.66	19.56	10.18
9.0	1247	2.0	1.3	0.46	0.24	1.6	7.8	7.6	7.7	92	30.4	0.53	31		15.73	19.54	10.24
9.0	1247	3.0			0.24	1.5		7.6	7.7	92		0.53	31		15.83	19.53	10.31
9.0	1247	4.0			0.24	1.6		7.6	7.7	92		0.50	29		16.02	19.51	10.46

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9.0	1247	5.0			0.25	1.6		7.5	7.6	92		0.41	25		16.55	19.48	10.86
9.0	1247	6.0			0.25	1.6		7.5	7.6	92		0.28	19		16.94	19.46	11.17
9.0	1247	7.0			0.24	1.5		7.5	7.6	92		0.29	19		17.21	19.45	11.38
9.0	1247	8.0			0.24	1.5		7.5	7.6	92		0.31	20		17.33	19.45	11.47
9.0	1247	9.0			0.24	1.6		7.5	7.6	92		0.31	20		17.36	19.44	11.49
9.0	1247	10.0			0.24	1.5		7.5	7.6	92		0.31	20		17.43	19.44	11.55
9.0	1247	11.0			0.23	1.5		7.5	7.6	92		0.33	21		17.48	19.44	11.59
9.0	1247	12.0			0.23	1.5		7.5	7.6	92		0.36	23		17.50	19.44	11.60
9.0	1247	13.0			0.22	1.4		7.5	7.6	92		0.41	25		17.64	19.44	11.70
9.0	1247	14.0			0.22	1.4		7.5	7.6	92		0.56	32		17.71	19.44	11.76
9.0	1247	15.0			0.22	1.4		7.5	7.6	93		0.58	33		17.72	19.44	11.77
9.0	1247	16.0			0.22	1.4		7.5	7.6	93		0.64	36		17.74	19.44	11.78
9.0	1247	17.0			0.22	1.4		7.5	7.6	93		0.72	40		17.75	19.44	11.78
9.0	1247	18.0			0.22	1.4		7.5	7.6	93		0.71	39		17.73	19.44	11.77
9.0	1247	19.0			0.22	1.4		7.6	7.7	93		0.69	39		17.74	19.44	11.78
9.0	1247	20.0			0.23	1.4		7.6	7.7	93		0.73	40		17.78	19.45	11.81
9.0	1247	21.0			0.23	1.4		7.6	7.7	93		0.80	43		17.82	19.45	11.84
9.0	1247	22.0			0.22	1.4		7.6	7.7	93		0.80	44		17.83	19.45	11.84
9.0	1247	23.0			0.22	1.4		7.6	7.7	93		0.82	45		17.83	19.45	11.84
9.0	1247	24.0			0.22	1.4		7.6	7.7	93		0.83	45		17.84	19.45	11.85
9.0	1247	25.0			0.22	1.4		7.6	7.7	93		0.87	47		17.85	19.46	11.86
9.0	1247	26.0	1.4	0.36	0.22	1.4		7.6	7.7	93		0.98	52		17.85	19.46	11.86
10.0	1237	1.0			0.25	1.6		7.3	7.5	91		0.37	23	2.1	18.41	19.39	12.30
10.0	1237	2.0			0.25	1.6		7.3	7.5	91		0.38	23		18.41	19.38	12.30
10.0	1237	3.0			0.25	1.6		7.4	7.5	91		0.38	24		18.40	19.38	12.30
10.0	1237	4.0			0.25	1.7		7.4	7.5	91		0.37	23		18.41	19.38	12.30
10.0	1237	5.0			0.25	1.6		7.4	7.5	91		0.37	23		18.41	19.38	12.30
10.0	1237	6.0			0.25	1.6		7.4	7.5	91		0.41	25		18.52	19.36	12.40
10.0	1237	7.0			0.25	1.6		7.4	7.5	91		0.43	26		18.62	19.35	12.47
10.0	1237	8.0			0.25	1.6		7.4	7.5	91		0.45	27		18.70	19.34	12.53
10.0	1237	9.0			0.25	1.6		7.4	7.5	92		0.47	28		18.76	19.33	12.58
10.0	1237	10.0			0.25	1.7		7.4	7.5	91		0.50	29		18.86	19.32	12.66
10.0	1237	11.0			0.26	1.7		7.4	7.5	92		0.58	33		18.98	19.30	12.76
10.0	1237	12.0			0.25	1.6		7.4	7.5	92		0.61	34		19.09	19.29	12.84
10.0	1237	13.0			0.25	1.7		7.4	7.5	92		0.61	35		19.11	19.28	12.86
10.0	1237	14.0			0.26	1.7		7.4	7.5	92		0.62	35		19.12	19.28	12.86
10.0	1237	15.0			0.26	1.7		7.4	7.5	92		0.63	36		19.13	19.28	12.87
10.0	1237	16.0			0.26	1.7		7.4	7.5	92		0.65	36		19.14	19.28	12.88
11.0	1220	1.0			0.23	1.5		7.4	7.5	92		0.38	23	2.2	19.30	19.46	12.96
11.0	1220	2.0			0.23	1.5		7.4	7.5	92		0.38	24		19.31	19.45	12.97
11.0	1220	3.0			0.22	1.4		7.3	7.5	92		0.39	24		19.35	19.42	13.00

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11.0	1220	4.0			0.23	1.4		7.4	7.5	92		0.41	25		19.55	19.35	13.17
11.0	1220	5.0			0.24	1.5		7.4	7.5	92		0.37	23		19.71	19.32	13.30
11.0	1220	6.0			0.25	1.6		7.4	7.5	92		0.37	23		19.73	19.32	13.32
11.0	1220	7.0			0.27	1.8		7.4	7.5	92		0.34	22		19.76	19.31	13.34
11.0	1220	8.0			0.29	1.9		7.4	7.6	92		0.31	21		19.89	19.29	13.44
11.0	1220	9.0			0.28	1.9		7.4	7.5	92		0.31	20		19.97	19.28	13.51
11.0	1220	10.0			0.27	1.8		7.4	7.6	92		0.32	21		20.08	19.26	13.60
11.0	1220	11.0			0.27	1.8		7.4	7.6	93		0.36	23		20.08	19.27	13.59
11.0	1220	12.0			0.26	1.7		7.4	7.6	93		0.38	23		20.10	19.26	13.61
11.0	1220	13.0			0.26	1.7		7.4	7.6	93		0.41	25		20.14	19.26	13.65
11.0	1220	14.0			0.25	1.6		7.4	7.6	93		0.43	26		20.18	19.26	13.67
11.0	1220	15.0			0.24	1.6		7.4	7.6	93		0.47	28		20.19	19.26	13.68
11.0	1220	16.0			0.24	1.6		7.4	7.6	93		0.47	28		20.20	19.26	13.69
12.0	1208	1.0			0.33	2.2		7.7	7.7	95		0.21	15	1.7	21.43	19.10	14.66
12.0	1208	2.0			0.31	2.1		7.6	7.7	95		0.25	17		21.77	19.07	14.92
12.0	1208	3.0			0.28	1.9		7.5	7.6	94		0.45	27		22.41	19.01	15.43
12.0	1208	4.0			0.28	1.9		7.5	7.6	94		0.96	51		22.65	18.98	15.62
12.0	1208	5.0			0.31	2.0		7.5	7.6	94		1.68	86		22.68	18.97	15.64
12.0	1208	6.0			0.33	2.2		7.6	7.7	95		2.88	143		22.73	18.95	15.68
12.0	1208	7.0			0.34	2.3		7.6	7.7	95		3.63	178		22.78	18.97	15.72
12.0	1208	8.0			0.34	2.3		7.5	7.6	95		3.18	157		22.84	18.99	15.76
12.0	1208	9.0			0.35	2.4		7.5	7.6	95		3.47	171		22.78	18.98	15.71
12.0	1208	10.0			0.35	2.4		7.6	7.7	95		3.83	188		22.78	18.99	15.71
13.0	1147	1.0			0.39	2.7		7.4	7.5	93		0.13	12	1.3	23.16	18.92	16.01
13.0	1147	2.0	3.3	0.82	0.34	2.3	7.7	7.2	7.4	91	9.2	0.13	12		23.90	18.70	16.63
13.0	1147	3.0			0.28	1.9		7.2	7.3	91		0.22	16		25.19	18.45	17.67
13.0	1147	4.0			0.27	1.8		7.2	7.3	91		0.54	31		25.59	18.39	18.00
13.0	1147	5.0			0.28	1.8		7.2	7.3	91		0.85	46		25.70	18.36	18.08
13.0	1147	6.0			0.29	1.9		7.2	7.4	92		0.92	49		25.71	18.36	18.09
13.0	1147	7.0			0.29	1.9		7.2	7.4	92		0.98	52		25.72	18.36	18.10
13.0	1147	8.0			0.30	2.0		7.2	7.4	92		1.00	53		25.72	18.36	18.10
13.0	1147	9.0			0.30	2.0		7.2	7.4	92		1.01	54		25.72	18.36	18.09
13.0	1147	10.0	1.6	0.26	0.30	2.0		7.2	7.4	92		1.02	54		25.72	18.36	18.09
14.0	1134	1.0			0.29	1.9		7.5	7.6	94		0.11	11	1.1	25.36	18.49	17.79
14.0	1134	2.0			0.29	1.9		7.3	7.5	93		0.11	11		25.14	18.53	17.62
14.0	1134	3.0			0.28	1.8		7.3	7.4	93		0.11	11		25.96	18.26	18.31
14.0	1134	4.0			0.27	1.8		7.3	7.5	93		0.13	11		26.13	18.19	18.45
14.0	1134	5.0			0.26	1.7		7.3	7.4	93		0.15	13		26.21	18.16	18.52
14.0	1134	6.0			0.26	1.7		7.3	7.5	93		0.19	14		26.26	18.13	18.56
14.0	1134	7.0			0.27	1.7		7.3	7.5	93		0.22	16		26.29	18.12	18.59

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14.0	1134	8.0			0.27	1.8		7.3	7.5	93		0.25	17		26.31	18.11	18.61
14.0	1134	9.0			0.29	1.9		7.3	7.4	93		0.26	18		26.37	18.10	18.65
14.0	1134	10.0			0.29	2.0		7.3	7.4	93		0.32	21		26.52	18.07	18.78
14.0	1134	11.0			0.30	2.0		7.3	7.5	93		0.47	28		26.59	18.06	18.83
14.0	1134	12.0			0.30	2.0		7.3	7.5	93		0.53	31		26.61	18.06	18.84
14.0	1134	13.0			0.31	2.1		7.3	7.5	93		0.58	33		26.61	18.06	18.85
14.0	1134	14.0			0.31	2.1		7.3	7.5	93		0.69	38		26.61	18.06	18.85
15.0	1116	1.0			0.29	1.9		7.7	7.8	96		0.12	11	1.2	24.29	18.78	16.91
15.0	1116	2.0	1.7	0.61	0.30	2.0	7.6	7.6	7.7	96	11.1	0.12	11		24.16	18.81	16.81
15.0	1116	3.0			0.28	1.8		7.5	7.6	94		0.12	11		24.39	18.74	17.00
15.0	1116	4.0			0.26	1.7		7.4	7.5	93		0.13	12		25.24	18.50	17.70
15.0	1116	5.0			0.25	1.7		7.4	7.5	94		0.18	14		26.14	18.27	18.44
15.0	1116	6.0			0.25	1.6		7.3	7.5	93		0.20	15		26.28	18.21	18.56
15.0	1116	7.0			0.26	1.7		7.3	7.5	93		0.21	16		26.54	18.12	18.78
15.0	1116	8.0			0.28	1.8		7.3	7.5	93		0.21	15		26.78	18.01	18.99
15.0	1116	9.0			0.30	2.0		7.4	7.5	93		0.21	16		26.92	17.95	19.10
15.0	1116	10.0			0.31	2.1		7.4	7.5	93		0.23	17		26.95	17.94	19.13
15.0	1116	11.0			0.32	2.2		7.4	7.5	94		0.25	18		26.99	17.92	19.17
15.0	1116	12.0			0.33	2.2		7.4	7.5	94		0.28	19		27.02	17.90	19.20
15.0	1116	13.0			0.34	2.3		7.4	7.5	94		0.29	19		27.06	17.89	19.23
15.0	1116	14.0			0.34	2.3		7.4	7.5	94		0.29	19		27.07	17.88	19.24
15.0	1116	15.0			0.35	2.4		7.4	7.5	94		0.27	18		27.15	17.84	19.31
15.0	1116	16.0			0.36	2.4		7.4	7.5	94		0.26	18		27.20	17.82	19.35
15.0	1116	17.0			0.36	2.4		7.4	7.5	94		0.26	18		27.23	17.81	19.38
15.0	1116	18.0			0.36	2.5		7.4	7.6	94		0.26	18		27.24	17.81	19.39
15.0	1116	19.0			0.36	2.5		7.4	7.6	94		0.27	18		27.27	17.79	19.41
15.0	1116	20.0			0.36	2.5		7.4	7.6	94		0.28	19		27.30	17.78	19.44
15.0	1116	21.0			0.37	2.5		7.4	7.6	94		0.26	18		27.30	17.78	19.43
15.0	1116	22.0	1.9	0.45	0.37	2.5		7.4	7.6	94		0.27	19		27.31	17.78	19.44
16.0	1053	1.0			0.48	3.3		7.1	7.3	90		0.06	9	0.9	28.09	17.32	20.15
16.0	1053	2.0			0.47	3.3		7.1	7.3	90		0.06	8		28.54	17.11	20.54
16.0	1053	3.0			0.44	3.1		7.0	7.2	89		0.06	9		29.32	16.82	21.20
16.0	1053	4.0			0.41	2.9		6.9	7.2	89		0.07	9		29.78	16.66	21.59
16.0	1053	5.0			0.40	2.8		7.0	7.2	89		0.08	9		29.85	16.63	21.66
16.0	1053	6.0			0.40	2.8		7.0	7.2	89		0.09	10		29.88	16.62	21.67
16.0	1053	7.0			0.39	2.7		7.0	7.2	89		0.12	11		29.89	16.61	21.69
16.0	1053	8.0			0.39	2.7		7.0	7.2	89		0.14	12		29.90	16.61	21.69
16.0	1053	9.0			0.40	2.8		7.0	7.2	89		0.15	13		29.90	16.61	21.69
16.0	1053	10.0			0.41	2.9		7.0	7.3	89		0.14	12		29.90	16.61	21.69
16.0	1053	11.0			0.43	3.0		7.0	7.3	89		0.15	13		29.90	16.61	21.69
16.0	1053	12.0			0.44	3.0		7.1	7.3	90		0.15	13		29.90	16.61	21.69

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16.0	1053	13.0			0.43	3.0		7.1	7.3	90		0.16	13		29.90	16.61	21.69
17.0	1036	1.0			0.37	2.5		6.8	7.0	87		0.06	8	1.0	29.03	17.07	20.93
17.0	1036	2.0			0.37	2.5		6.7	7.0	87		0.08	10		29.72	16.72	21.53
17.0	1036	3.0			0.37	2.5		6.8	7.0	87		0.10	10		29.82	16.67	21.62
17.0	1036	4.0			0.36	2.5		6.8	7.1	87		0.11	11		29.83	16.67	21.62
17.0	1036	5.0			0.37	2.5		6.8	7.0	87		0.12	11		29.89	16.62	21.68
17.0	1036	6.0			0.36	2.5		6.8	7.1	87		0.15	13		29.96	16.57	21.75
17.0	1036	7.0			0.35	2.4		6.8	7.1	87		0.17	13		30.00	16.54	21.79
17.0	1036	8.0			0.35	2.4		6.8	7.1	87		0.17	14		30.00	16.53	21.79
17.0	1036	9.0			0.36	2.5		6.8	7.1	87		0.17	14		30.02	16.52	21.80
17.0	1036	10.0			0.38	2.6		6.8	7.1	87		0.22	16		30.06	16.50	21.84
17.0	1036	11.0			0.40	2.7		6.8	7.1	87		0.34	22		30.06	16.51	21.84
17.0	1036	12.0			0.41	2.8		6.8	7.1	87		0.38	24		30.06	16.51	21.84
17.0	1036	13.0			0.40	2.8		6.9	7.1	88		0.35	22		30.07	16.50	21.85
17.0	1036	14.0			0.40	2.8		6.9	7.1	87		0.35	22		30.07	16.50	21.85
18.0	1015	1.0			0.40	2.7		6.7	7.0	84		0.06	8	0.8	31.37	15.36	23.10
18.0	1015	2.0	3.0	0.62	0.39	2.7	6.7	6.7	7.0	84	5.3	0.05	8		31.37	15.36	23.10
18.0	1015	3.0			0.39	2.7		6.7	7.0	84		0.05	8		31.37	15.37	23.10
18.0	1015	4.0			0.39	2.7		6.7	7.0	84		0.05	8		31.37	15.36	23.10
18.0	1015	5.0			0.39	2.7		6.7	7.0	84		0.05	8		31.37	15.36	23.10
18.0	1015	6.0			0.38	2.6		6.7	7.0	84		0.06	8		31.38	15.35	23.10
18.0	1015	7.0			0.38	2.6		6.7	7.0	85		0.07	9		31.38	15.35	23.11
18.0	1015	8.0			0.38	2.6		6.7	7.0	85		0.07	9		31.38	15.35	23.11
18.0	1015	9.0			0.38	2.6		6.7	7.0	85		0.07	9		31.38	15.35	23.11
18.0	1015	10.0			0.38	2.6		6.7	7.0	85		0.07	9		31.39	15.34	23.12
18.0	1015	11.0			0.37	2.6		6.7	7.0	85		0.08	9		31.40	15.33	23.12
18.0	1015	12.0			0.38	2.6		6.7	7.0	85		0.08	9		31.39	15.34	23.12
18.0	1015	13.0			0.39	2.7		6.7	7.0	85		0.08	9		31.40	15.34	23.12
18.0	1015	14.0			0.40	2.7		6.7	7.0	85		0.07	9		31.40	15.33	23.12
18.0	1015	15.0			0.41	2.8		6.7	7.0	85		0.08	9		31.40	15.33	23.13
18.0	1015	16.0			0.40	2.8		6.7	7.0	85		0.08	9		31.40	15.33	23.13
18.0	1015	17.0			0.41	2.8		6.7	7.0	85		0.08	9		31.41	15.32	23.14
18.0	1015	18.0			0.42	2.9		6.7	7.0	85		0.08	9		31.41	15.32	23.14
18.0	1015	19.0			0.42	2.9		6.7	7.0	85		0.08	9		31.41	15.32	23.14
18.0	1015	20.0			0.41	2.9		6.7	7.0	85		0.07	9		31.41	15.32	23.14
18.0	1015	21.0			0.41	2.9		6.7	7.0	85		0.08	9		31.41	15.32	23.14
18.0	1015	22.0			0.42	2.9		6.7	7.0	85		0.08	9		31.41	15.32	23.14
18.0	1015	23.0			0.44	3.0		6.7	7.0	85		0.07	9		31.41	15.32	23.14
18.0	1015	24.0			0.44	3.0		6.7	7.0	85		0.07	9		31.42	15.31	23.15
18.0	1015	25.0			0.43	3.0		6.7	7.0	85		0.08	9		31.42	15.31	23.15
18.0	1015	26.0			0.42	2.9		6.7	7.0	85		0.08	9		31.43	15.30	23.16

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18.0	1015	27.0			0.43	3.0		6.7	7.0	85		0.08	9		31.44	15.29	23.17
18.0	1015	28.0			0.43	3.0		6.7	7.0	85		0.10	10		31.44	15.29	23.17
18.0	1015	29.0			0.42	2.9		6.7	7.0	85		0.10	10		31.44	15.29	23.17
18.0	1015	30.0			0.42	2.9		6.7	7.0	85		0.11	11		31.44	15.29	23.17
18.0	1015	31.0			0.42	2.9		6.7	7.0	85		0.11	11		31.44	15.29	23.17
18.0	1015	32.0			0.42	2.9		6.7	7.0	85		0.11	11		31.44	15.28	23.17
18.0	1015	33.0			0.42	2.9		6.7	7.0	85		0.11	11		31.45	15.28	23.17
18.0	1015	34.0			0.42	2.9		6.7	7.0	85		0.12	11		31.45	15.28	23.17
18.0	1015	35.0			0.42	2.9		6.8	7.0	85		0.12	11		31.44	15.29	23.17
18.0	1015	36.0			0.42	2.9		6.7	7.0	85		0.12	11		31.44	15.29	23.17
18.0	1015	37.0			0.43	3.0		6.8	7.0	85		0.12	11		31.44	15.29	23.17
18.0	1015	38.0			0.43	3.0		6.7	7.0	85		0.13	12		31.44	15.29	23.17
18.0	1015	39.0			0.43	2.9		6.7	7.0	85		0.12	11		31.44	15.29	23.17
18.0	1015	40.0			0.42	2.9		6.8	7.0	85		0.12	11		31.44	15.28	23.17
18.0	1015	41.0			0.42	2.9		6.8	7.0	85		0.12	11		31.45	15.28	23.17
18.0	1015	42.0			0.42	2.9		6.7	7.0	85		0.13	12		31.45	15.28	23.17
18.0	1015	43.0			0.42	2.9		6.7	7.0	85		0.13	12		31.44	15.29	23.17
20.0	0956	1.0			0.42	2.9		6.8	7.1	88		0.03	7	0.8	29.72	16.99	21.47
20.0	0956	2.0			0.42	2.9		6.8	7.1	88		0.03	7		29.72	16.98	21.47
20.0	0956	3.0			0.41	2.8		6.8	7.1	88		0.03	7		29.75	16.97	21.49
20.0	0956	4.0			0.39	2.7		6.8	7.1	88		0.03	7		29.76	16.96	21.51
20.0	0956	5.0			0.37	2.5		6.8	7.1	88		0.03	7		29.80	16.96	21.54
20.0	0956	6.0			0.37	2.5		6.8	7.1	88		0.03	7		29.84	16.93	21.57
20.0	0956	7.0			0.37	2.5		6.8	7.1	88		0.04	7		29.88	16.90	21.61
20.0	0956	8.0			0.35	2.4		6.8	7.1	87		0.03	7		29.91	16.89	21.64
20.0	0956	9.0			0.35	2.4		6.7	7.0	87		0.03	7		29.97	16.85	21.69
20.0	0956	10.0			0.35	2.4		6.8	7.0	87		0.03	7		30.09	16.75	21.81
20.0	0956	11.0			0.35	2.4		6.7	7.0	86		0.03	7		30.13	16.69	21.85
20.0	0956	12.0			0.35	2.4		6.6	6.9	86		0.04	7		30.26	16.56	21.98
20.0	0956	13.0			0.36	2.4		6.6	6.9	85		0.05	8		30.45	16.38	22.17
20.0	0956	14.0			0.37	2.5		6.6	6.9	85		0.06	8		30.59	16.25	22.31
20.0	0956	15.0			0.38	2.6		6.6	6.9	85		0.08	9		30.67	16.17	22.39
20.0	0956	16.0			0.39	2.7		6.6	6.9	85		0.10	10		30.72	16.13	22.43
20.0	0956	17.0			0.40	2.7		6.7	6.9	85		0.15	12		30.74	16.11	22.45
20.0	0956	18.0			0.39	2.7		6.7	7.0	85		0.17	14		30.74	16.11	22.45
20.0	0956	19.0			0.40	2.7		6.7	7.0	86		0.18	14		30.74	16.11	22.45
20.0	0956	20.0			0.39	2.7		6.7	7.0	86		0.19	14		30.74	16.11	22.45
20.0	0956	21.0			0.40	2.8		6.7	7.0	86		0.19	14		30.73	16.11	22.44
20.0	0956	22.0			0.41	2.8		6.7	7.0	86		0.19	15		30.73	16.11	22.44
20.0	0956	23.0			0.41	2.8		6.7	7.0	86		0.19	15		30.74	16.11	22.45
20.0	0956	24.0			0.40	2.8		6.7	7.0	86		0.22	16		30.74	16.11	22.45
20.0	0956	25.0			0.40	2.8		6.7	7.0	86		0.23	16		30.74	16.11	22.45

North San Francisco Bay September 11, 1996 96255

STN	TIME	DEPTH	DISCR CHL a	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	0956	26.0			0.40	2.8		6.7	7.0	86		0.22	16		30.74	16.11	22.45
20.0	0956	27.0			0.40	2.8		6.7	7.0	86		0.23	16		30.74	16.11	22.45

	n	r^2	Slope	Inter.	Std. Err.
Fluorometer Calibration:	15	0.478	7.539	-0.261	0.428
OBS Calibration:	8	0.836	47.668	5.509	6.732
Dissolved Oxygen Calibration:	8	0.922	0.786	1.717	0.180

SeaBird v4.026

South San Francisco Bay September 11, 1996 96255

STN	TIME	DEPTH	DISCR CHL a	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	0614	1.0			2.60	12.1		6.8	6.5	85		0.51	55		24.86	21.40	16.69
34.0	0614	2.0	11.9	0.71	2.59	12.0	6.3	6.8	6.5	85	57.8	0.52	56		24.93	21.33	16.77
34.0	0614	3.0			2.60	12.1		6.8	6.5	85		0.55	59		24.94	21.31	16.78
34.0	0614	4.0			2.60	12.1		6.8	6.5	85		0.54	58		24.96	21.27	16.80
34.0	0614	5.0			2.60	12.1		6.8	6.5	85		0.55	60		24.96	21.26	16.80
34.0	0614	6.0	13.1	0.76	2.60	12.1		6.8	6.6	86		0.56	61		24.97	21.23	16.82
32.0	0642	1.0			1.71	7.9		7.1	7.2	95		0.13	14		26.83	21.67	18.11
32.0	0642	2.0	8.2	0.74	1.70	7.8	7.1	7.1	7.2	95	9.7	0.13	14		26.82	21.67	18.10
32.0	0642	3.0			1.72	7.9		7.1	7.2	96		0.13	13		26.81	21.67	18.10
32.0	0642	4.0			1.71	7.8		7.1	7.1	95		0.13	13		26.82	21.67	18.10
32.0	0642	5.0			1.68	7.7		7.0	7.0	93		0.15	16		26.90	21.64	18.17
32.0	0642	6.0			1.67	7.7		7.0	7.0	93		0.23	24		26.91	21.61	18.19
32.0	0642	7.0			1.68	7.7		7.0	7.0	93		0.24	26		26.93	21.56	18.22
32.0	0642	8.0			1.68	7.7		7.0	7.0	94		0.29	31		26.97	21.49	18.27
32.0	0642	9.0			1.68	7.7		7.0	7.0	93		0.31	33		27.00	21.46	18.30
32.0	0642	10.0	6.7	0.72	1.68	7.7		7.1	7.1	94		0.32	34		27.04	21.40	18.35
30.0	0710	1.0			0.86	3.9		7.0	7.0	94		0.15	16		28.10	21.43	19.14
30.0	0710	2.0	3.5	0.72	0.86	3.8	6.9	7.0	7.0	94	10.6	0.14	14		28.09	21.45	19.13
30.0	0710	3.0			0.85	3.8		7.0	7.0	94		0.14	14		28.09	21.45	19.13
30.0	0710	4.0			0.87	3.9		7.0	6.9	93		0.14	14		28.10	21.44	19.14
30.0	0710	5.0			0.90	4.0		7.0	7.0	94		0.13	13		28.16	21.33	19.21
30.0	0710	6.0			0.93	4.2		7.0	7.0	94		0.14	14		28.18	21.26	19.25
30.0	0710	7.0			0.92	4.1		7.0	7.0	93		0.14	15		28.20	21.23	19.27
30.0	0710	8.0			0.89	4.0		7.0	6.9	93		0.15	15		28.23	21.19	19.30
30.0	0710	9.0			0.87	3.9		7.0	6.9	92		0.14	15		28.24	21.17	19.31
30.0	0710	10.0			0.85	3.8		7.0	6.9	91		0.15	15		28.25	21.15	19.33
30.0	0710	11.0			0.82	3.7		7.0	6.9	92		0.15	15		28.26	21.13	19.34
30.0	0710	12.0	1.2	0.63	0.82	3.7		7.0	6.9	92		0.14	14		28.28	21.09	19.36
29.0	0732	1.0			0.47	2.0		6.6	6.1	81		0.04	4		28.45	21.11	19.49
29.0	0732	2.0			0.46	2.0		6.6	6.0	80		0.04	3		28.47	21.10	19.51
29.0	0732	3.0			0.45	1.9		6.6	6.1	81		0.05	4		28.51	21.05	19.55
29.0	0732	4.0			0.44	1.9		6.6	5.9	79		0.05	4		28.51	21.05	19.55
29.0	0732	5.0			0.42	1.8		6.6	6.0	79		0.06	5		28.62	20.88	19.67
29.0	0732	6.0			0.41	1.7		6.6	6.0	79		0.07	6		28.71	20.81	19.76
29.0	0732	7.0			0.42	1.7		6.6	6.0	80		0.07	7		28.74	20.78	19.79
29.0	0732	8.0			0.43	1.8		6.6	6.0	80		0.08	8		28.75	20.77	19.80
29.0	0732	9.0			0.45	1.9		6.6	6.1	81		0.09	8		28.77	20.74	19.83
29.0	0732	10.0			0.47	2.0		6.7	6.1	81		0.09	9		28.78	20.73	19.84
29.0	0732	11.0			0.48	2.1		6.7	6.2	82		0.08	8		28.79	20.72	19.85
29.0	0732	12.0			0.49	2.1		6.7	6.2	82		0.08	8		28.79	20.72	19.85

South San Francisco Bay | September 11, 1996 | 96255

STN	TIME	DEPTH	DISCR CHL a	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	0732	13.0			0.50	2.1		6.7	6.1	81		0.08	7		28.80	20.71	19.86
29.0	0732	14.0			0.51	2.2		6.7	6.2	82		0.15	15		28.81	20.66	19.88
29.0	0732	15.0			0.51	2.2		6.7	6.1	81		0.26	28		28.79	20.68	19.86
27.0	0752	1.0			0.38	1.6		6.9	6.8	90		0.05	5	0.8	28.93	20.65	19.98
27.0	0752	2.0	1.5	0.59	0.38	1.6	7.0	6.9	6.8	90	2.5	0.05	5		28.94	20.65	19.98
27.0	0752	3.0			0.38	1.6		6.9	6.8	90		0.05	5		28.93	20.65	19.98
27.0	0752	4.0			0.38	1.6		6.9	6.8	90		0.06	6		28.94	20.65	19.98
27.0	0752	5.0			0.38	1.6		6.9	6.8	90		0.06	6		28.94	20.66	19.98
27.0	0752	6.0			0.39	1.6		6.9	6.8	90		0.07	6		28.95	20.66	19.98
27.0	0752	7.0			0.38	1.6		7.0	6.8	91		0.07	6		28.95	20.66	19.99
27.0	0752	8.0			0.38	1.6		6.9	6.8	90		0.07	7		28.95	20.66	19.99
27.0	0752	9.0			0.39	1.6		6.9	6.8	90		0.08	7		28.96	20.66	19.99
27.0	0752	10.0	1.3	0.51	0.39	1.6		6.9	6.8	90		0.09	8		28.96	20.66	19.99
25.0	0821	1.0			0.26	1.0		7.1	7.2	94		0.02	1	0.7	29.51	19.83	20.62
25.0	0821	2.0			0.26	1.0		7.1	7.2	94		0.02	1		29.51	19.84	20.62
25.0	0821	3.0			0.26	1.0		7.1	7.2	94		0.02	1		29.51	19.84	20.62
25.0	0821	4.0			0.26	1.0		7.1	7.2	94		0.02	2		29.51	19.84	20.62
25.0	0821	5.0			0.26	1.0		7.1	7.2	95		0.02	1		29.51	19.84	20.62
25.0	0821	6.0			0.26	1.0		7.1	7.2	94		0.03	3		29.51	19.84	20.62
25.0	0821	7.0			0.26	1.0		7.1	7.2	94		0.04	3		29.51	19.84	20.62
24.0	0841	1.0			0.31	1.2		7.2	7.3	95		0.04	3	0.8	29.70	19.47	20.86
24.0	0841	2.0	1.9	0.58	0.31	1.2	7.3	7.2	7.4	96	8.1	0.04	3		29.70	19.47	20.86
24.0	0841	3.0			0.31	1.2		7.2	7.4	96		0.04	4		29.70	19.48	20.85
24.0	0841	4.0			0.31	1.2		7.2	7.4	96		0.05	4		29.70	19.49	20.85
24.0	0841	5.0			0.30	1.2		7.2	7.4	96		0.04	4		29.70	19.48	20.85
24.0	0841	6.0			0.30	1.2		7.2	7.4	96		0.05	5		29.70	19.49	20.85
24.0	0841	7.0			0.30	1.2		7.2	7.4	97		0.05	4		29.70	19.49	20.85
24.0	0841	8.0			0.30	1.2		7.2	7.4	97		0.05	5		29.70	19.49	20.85
24.0	0841	9.0			0.30	1.2		7.2	7.4	96		0.06	5		29.70	19.49	20.85
24.0	0841	10.0	1.6	0.49	0.30	1.2		7.2	7.4	96		0.05	5		29.70	19.50	20.85
22.0	0916	1.0			0.38	1.6		7.0	7.0	89		0.09	9	1.0	29.75	17.80	21.30
22.0	0916	2.0			0.38	1.6		7.0	7.0	88		0.09	9		29.73	17.83	21.28
22.0	0916	3.0			0.39	1.6		7.0	6.9	88		0.09	9		29.74	17.83	21.29
22.0	0916	4.0			0.38	1.6		7.0	6.9	87		0.09	9		29.77	17.78	21.32
22.0	0916	5.0			0.37	1.5		7.0	6.9	88		0.12	12		29.78	17.77	21.33
22.0	0916	6.0			0.36	1.5		7.0	6.9	87		0.14	14		29.79	17.76	21.35
22.0	0916	7.0			0.36	1.5		7.0	6.9	87		0.15	15		29.82	17.75	21.37
22.0	0916	8.0			0.38	1.6		7.0	6.9	87		0.19	20		29.83	17.74	21.38
22.0	0916	9.0			0.39	1.6		7.0	7.0	88		0.21	22		29.83	17.74	21.38

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
22.0	0916	10.0			0.40	1.7		7.0	7.0	88		0.25	27		29.83	17.73	21.39
22.0	0916	11.0			0.40	1.7		7.0	7.0	88		0.26	28		29.84	17.73	21.39
22.0	0916	12.0			0.40	1.7		7.0	7.0	88		0.28	30		29.83	17.74	21.38
22.0	0916	13.0			0.40	1.7		7.0	7.0	88		0.29	31		29.83	17.74	21.38
22.0	0916	14.0			0.40	1.7		7.0	7.0	88		0.31	33		29.85	17.73	21.40
22.0	0916	15.0			0.40	1.6		7.0	7.0	88		0.34	37		29.85	17.73	21.40
22.0	0916	16.0			0.40	1.7		7.0	7.0	88		0.38	41		29.85	17.73	21.40
22.0	0916	17.0			0.41	1.7		7.0	7.0	88		0.40	43		29.84	17.73	21.39
22.0	0916	18.0			0.42	1.7		7.0	7.0	88		0.39	42		29.85	17.73	21.40
21.0	0933	1.0			0.43	1.8		7.0	6.9	86		0.05	5	0.9	29.32	17.39	21.07
21.0	0933	2.0	2.8	0.67	0.42	1.8	7.2	7.0	7.0	87	7.9	0.05	5		29.27	17.36	21.04
21.0	0933	3.0			0.40	1.7		7.0	7.0	87		0.06	5		29.40	17.42	21.12
21.0	0933	4.0			0.38	1.6		7.0	7.0	87		0.06	5		29.53	17.47	21.22
21.0	0933	5.0			0.37	1.5		7.0	7.1	88		0.06	6		29.57	17.48	21.24
21.0	0933	6.0			0.37	1.5		7.0	6.9	87		0.07	7		29.71	17.59	21.33
21.0	0933	7.0			0.37	1.5		7.0	6.9	87		0.10	10		29.72	17.58	21.33
21.0	0933	8.0			0.37	1.5		7.0	7.0	87		0.14	14		29.71	17.58	21.33
21.0	0933	9.0			0.38	1.6		7.0	6.9	87		0.15	16		29.74	17.60	21.34
21.0	0933	10.0			0.39	1.6		7.0	7.0	87		0.17	18		29.75	17.60	21.35
21.0	0933	11.0			0.40	1.7		7.0	6.9	87		0.18	19		29.74	17.60	21.35
21.0	0933	12.0			0.41	1.7		7.0	6.9	87		0.19	19		29.74	17.60	21.34
21.0	0933	13.0			0.41	1.7		7.0	6.9	87		0.19	20		29.75	17.61	21.35
21.0	0933	14.0			0.41	1.7		7.0	6.9	87		0.19	20		29.75	17.61	21.35
21.0	0933	15.0			0.42	1.8		7.0	6.9	87		0.19	20		29.75	17.61	21.35
21.0	0933	16.0			0.43	1.8		7.0	6.9	87		0.20	21		29.75	17.61	21.35
21.0	0933	17.0	2.7	0.48	0.43	1.8		7.0	6.9	87		0.19	20		29.75	17.61	21.35

	n	r^2	Slope	Inter.	Std. Err.
Fluorometer Calibration:	12	0.946	4.731	-0.225	1.041
OBS Calibration:	6	0.968	109.691	-0.994	4.097
Dissolved Oxygen Calibration:	6	0.755	2.401	-9.858	0.185

SeaBird v4.026

North San Francisco Bay OCTOBER 16, 1996 96290

STN	TIME	DEPTH	DISCR CHL a	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	1653	1.0			0.26	1.7		8.8	8.8	95		0.22	16	1.6	0.08	18.59	0.00
657.0	1653	2.0	2.1	0.47	0.25	1.7	8.6	8.8	8.8	95		0.22	16		0.08	18.59	0.00
657.0	1653	3.0			0.26	1.7		8.8	8.8	95		0.22	16		0.08	18.59	0.00
657.0	1653	4.0			0.26	1.7		8.8	8.8	95		0.22	16		0.08	18.60	0.00
657.0	1653	5.0			0.25	1.7		8.8	8.9	95		0.22	16		0.08	18.59	0.00
657.0	1653	6.0			0.25	1.7		8.8	8.9	95		0.22	16		0.08	18.59	0.00
657.0	1653	7.0			0.26	1.8		8.8	8.9	95		0.22	16		0.08	18.59	0.00
657.0	1653	8.0			0.26	1.8		8.8	8.9	95		0.23	16		0.08	18.60	0.00
657.0	1653	9.0			0.29	2.2		8.8	8.9	95		0.24	17		0.08	18.60	0.00
657.0	1653	10.0	2.1	0.48	0.30	2.3		8.8	8.9	95		0.24	17		0.08	18.60	0.00
649.0	1601	1.0			0.21	1.2		8.7	8.8	95		0.53	31	2.7	2.13	18.80	0.07
649.0	1601	2.0	1.4	0.43	0.21	1.1	8.7	8.7	8.7	95	29.8	0.51	31		2.13	18.80	0.07
649.0	1601	3.0			0.21	1.1		8.7	8.8	96		0.51	30		2.13	18.80	0.07
649.0	1601	4.0			0.22	1.2		8.7	8.8	96		0.52	31		2.13	18.80	0.08
649.0	1601	5.0			0.22	1.2		8.7	8.8	96		0.51	30		2.13	18.80	0.08
649.0	1601	6.0			0.22	1.3		8.7	8.8	96		0.50	30		2.13	18.80	0.08
649.0	1601	7.0			0.22	1.3		8.7	8.8	96		0.50	30		2.13	18.80	0.07
649.0	1601	8.0			0.22	1.3		8.7	8.8	96		0.50	30		2.13	18.80	0.08
649.0	1601	9.0			0.22	1.3		8.7	8.8	96		0.50	30		2.13	18.80	0.07
649.0	1601	10.0			0.22	1.3		8.7	8.8	96		0.50	30		2.13	18.80	0.07
649.0	1601	11.0			0.23	1.3		8.7	8.8	96		0.52	31		2.12	18.80	0.06
649.0	1601	12.0	1.2	0.36	0.23	1.3		8.7	8.8	96		0.54	32		2.11	18.79	0.06
2.0	1543	1.0			0.25	1.7		8.5	8.6	95		0.23	16	1.7	2.97	18.98	0.68
2.0	1543	2.0			0.24	1.6		8.4	8.6	94		0.22	16		3.08	18.90	0.78
2.0	1543	3.0			0.22	1.3		8.4	8.5	94		0.27	18		3.39	18.78	1.04
2.0	1543	4.0			0.21	1.1		8.4	8.5	94		0.31	20		3.54	18.73	1.16
2.0	1543	5.0			0.21	1.1		8.4	8.6	94		0.33	21		3.56	18.73	1.18
2.0	1543	6.0			0.21	1.1		8.4	8.6	94		0.42	26		3.64	18.70	1.24
2.0	1543	7.0			0.21	1.1		8.4	8.6	94		0.44	27		3.65	18.70	1.25
2.0	1543	8.0			0.21	1.1		8.5	8.6	94		0.43	26		3.64	18.70	1.25
2.0	1543	9.0			0.21	1.1		8.5	8.6	94		0.46	28		3.64	18.70	1.25
2.0	1543	10.0			0.21	1.1		8.5	8.6	94		0.49	29		3.65	18.70	1.25
2.0	1543	11.0			0.21	1.1		8.5	8.6	94		0.50	30		3.64	18.70	1.25
3.0	1530	1.0			0.34	2.8		8.5	8.6	96		0.19	14	1.5	3.48	19.16	1.03
3.0	1530	2.0	3.9	0.78	0.34	2.9	8.8	8.5	8.7	96	13.9	0.17	14		3.47	19.16	1.02
3.0	1530	3.0			0.30	2.4		8.4	8.5	95		0.18	14		3.51	19.13	1.06
3.0	1530	4.0			0.24	1.5		8.4	8.5	94		0.17	14		3.80	18.85	1.33
3.0	1530	5.0			0.21	1.1		8.3	8.5	94		0.17	13		3.88	18.79	1.41
3.0	1530	6.0			0.20	0.9		8.3	8.5	93		0.18	14		4.15	18.68	1.63
3.0	1530	7.0			0.20	1.0		8.3	8.5	94		0.20	15		4.56	18.61	1.96

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3.0	1530	8.0			0.21	1.1		8.3	8.5	94		0.25	17		4.96	18.58	2.27
3.0	1530	9.0			0.22	1.3		8.4	8.5	94		0.49	29		5.04	18.57	2.34
3.0	1530	10.0			0.22	1.3		8.4	8.5	94		0.73	41		5.06	18.57	2.35
3.0	1530	11.0	1.1	0.25	0.22	1.3		8.4	8.5	94		0.90	50		5.07	18.57	2.36
4.0	1508	1.0			0.24	1.5		8.6	8.7	96		0.17	14	1.4	4.71	18.80	2.04
4.0	1508	2.0			0.24	1.5		8.6	8.7	96		0.16	13		4.75	18.77	2.07
4.0	1508	3.0			0.23	1.4		8.5	8.6	96		0.17	13		4.78	18.75	2.10
4.0	1508	4.0			0.21	1.1		8.5	8.6	95		0.17	13		5.33	18.62	2.55
4.0	1508	5.0			0.20	1.0		8.5	8.6	96		0.18	14		6.02	18.55	3.09
4.0	1508	6.0			0.20	1.0		8.5	8.6	96		0.19	15		6.11	18.56	3.15
4.0	1508	7.0			0.21	1.1		8.5	8.7	96		0.21	15		6.27	18.59	3.26
4.0	1508	8.0			0.22	1.2		8.5	8.6	96		0.25	17		6.70	18.59	3.59
4.0	1508	9.0			0.23	1.3		8.5	8.6	96		0.35	22		7.37	18.56	4.10
4.0	1508	10.0			0.23	1.4		8.5	8.6	96		0.59	34		7.48	18.56	4.19
4.0	1508	11.0			0.22	1.3		8.5	8.6	97		0.66	38		7.51	18.56	4.22
4.0	1508	12.0			0.22	1.2		8.5	8.6	97		0.74	42		7.57	18.55	4.26
4.0	1508	13.0			0.22	1.2		8.5	8.6	97		0.77	44		7.63	18.55	4.30
4.0	1508	14.0			0.22	1.3		8.5	8.6	97		0.81	45		7.65	18.54	4.32
4.0	1508	15.0			0.23	1.4		8.5	8.6	97		0.87	48		7.76	18.53	4.41
4.0	1508	16.0			0.23	1.4		8.5	8.6	97		0.92	51		7.78	18.53	4.42
4.0	1508	17.0			0.23	1.4		8.5	8.6	97		0.93	51		7.76	18.53	4.41
5.0	1451	1.0			0.26	1.8		8.6	8.7	97		0.15	12	1.4	5.80	18.88	2.85
5.0	1451	2.0			0.25	1.6		8.5	8.6	96		0.14	12		6.04	18.67	3.07
5.0	1451	3.0			0.23	1.3		8.5	8.6	96		0.17	13		6.66	18.52	3.58
5.0	1451	4.0			0.21	1.2		8.5	8.6	96		0.19	15		7.47	18.42	4.21
5.0	1451	5.0			0.21	1.1		8.5	8.6	96		0.22	16		7.62	18.39	4.33
5.0	1451	6.0			0.21	1.1		8.4	8.5	96		0.25	17		8.98	18.38	5.36
5.0	1451	7.0			0.21	1.1		8.4	8.5	96		0.41	26		9.59	18.37	5.83
5.0	1451	8.0			0.21	1.1		8.4	8.5	96		0.59	34		9.77	18.37	5.97
5.0	1451	9.0			0.22	1.2		8.4	8.5	97		0.68	39		9.79	18.37	5.99
5.0	1451	10.0			0.22	1.3		8.4	8.5	97		0.79	44		9.80	18.37	5.99
5.0	1451	11.0			0.23	1.4		8.4	8.5	97		0.85	47		9.80	18.37	5.99
5.0	1451	12.0			0.23	1.4		8.4	8.6	97		0.88	49		9.80	18.37	5.99
6.0	1430	1.0			0.32	2.7		8.5	8.6	97		0.14	12	1.4	7.97	18.79	4.52
6.0	1430	2.0	3.0	0.75	0.30	2.3	8.8	8.5	8.6	97	10.3	0.14	12		8.80	18.43	5.22
6.0	1430	3.0			0.26	1.7		8.5	8.6	97		0.14	12		9.55	18.31	5.81
6.0	1430	4.0			0.24	1.5		8.5	8.6	97		0.17	13		9.65	18.32	5.89
6.0	1430	5.0			0.23	1.4		8.4	8.6	97		0.18	14		10.04	18.35	6.18
6.0	1430	6.0			0.22	1.2		8.4	8.5	97		0.18	14		11.13	18.27	7.02
6.0	1430	7.0			0.21	1.1		8.4	8.5	97		0.19	14		11.52	18.27	7.32

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
6.0	1430	8.0			0.21	1.0		8.4	8.5	97		0.20	15		11.90	18.26	7.61
6.0	1430	9.0			0.21	1.1		8.4	8.5	97		0.23	16		12.08	18.26	7.75
6.0	1430	10.0			0.22	1.2		8.3	8.5	97		0.31	20		12.37	18.27	7.97
6.0	1430	11.0			0.23	1.4		8.3	8.5	97		0.54	32		12.43	18.28	8.01
6.0	1430	12.0	1.1	0.24	0.23	1.4		8.3	8.5	97		0.72	41		12.48	18.28	8.04
7.0	1408	1.0			0.29	2.2		7.8	8.1	93		0.13	12	1.4	12.02	18.70	7.61
7.0	1408	2.0			0.28	2.1		7.8	8.1	93		0.16	13		13.15	18.45	8.52
7.0	1408	3.0			0.25	1.7		7.7	8.0	93		0.17	13		13.64	18.40	8.90
7.0	1408	4.0			0.22	1.3		7.7	8.0	93		0.20	15		14.42	18.36	9.50
7.0	1408	5.0			0.21	1.1		7.7	8.0	93		0.27	18		14.97	18.37	9.92
7.0	1408	6.0			0.21	1.1		7.7	8.0	93		0.39	24		15.24	18.38	10.12
7.0	1408	7.0			0.22	1.2		7.7	8.0	93		0.63	36		15.84	18.39	10.57
7.0	1408	8.0			0.22	1.3		7.6	7.9	93		0.89	49		16.83	18.42	11.32
7.0	1408	9.0			0.22	1.2		7.6	7.9	93		0.92	51		17.00	18.42	11.45
7.0	1408	10.0			0.22	1.2		7.6	7.9	93		0.93	51		17.19	18.43	11.60
7.0	1408	11.0			0.22	1.2		7.6	7.9	93		0.95	52		17.28	18.43	11.66
7.0	1408	12.0			0.21	1.2		7.6	7.9	93		0.95	53		17.35	18.43	11.71
7.0	1408	13.0			0.21	1.1		7.6	7.9	94		0.96	53		17.38	18.43	11.74
7.0	1408	14.0			0.21	1.1		7.6	7.9	94		0.95	53		17.39	18.43	11.74
7.0	1408	15.0			0.21	1.1		7.6	7.9	94		0.98	54		17.40	18.43	11.75
8.0	1346	1.0			0.38	3.4		8.0	8.2	96		0.19	14	1.5	13.70	18.48	8.93
8.0	1346	2.0			0.34	2.8		8.0	8.2	95		0.18	14		14.31	18.32	9.43
8.0	1346	3.0			0.26	1.8		7.9	8.2	95		0.19	14		14.75	18.27	9.77
8.0	1346	4.0			0.22	1.2		7.8	8.1	95		0.19	14		15.92	18.30	10.65
8.0	1346	5.0			0.20	0.9		7.8	8.1	95		0.20	15		16.62	18.32	11.19
8.0	1346	6.0			0.19	0.8		7.7	8.0	95		0.23	16		18.15	18.39	12.33
8.0	1346	7.0			0.19	0.8		7.7	8.0	95		0.26	18		18.42	18.42	12.53
8.0	1346	8.0			0.19	0.8		7.7	8.0	95		0.27	18		18.58	18.42	12.65
8.0	1346	9.0			0.19	0.9		7.7	7.9	95		0.29	20		18.99	18.41	12.96
8.0	1346	10.0			0.20	1.0		7.6	7.9	95		0.34	22		19.53	18.42	13.37
8.0	1346	11.0			0.21	1.2		7.6	7.9	95		0.38	24		20.01	18.41	13.74
8.0	1346	12.0			0.23	1.4		7.6	7.9	95		0.46	28		20.29	18.41	13.95
8.0	1346	13.0			0.23	1.4		7.6	7.9	95		0.54	32		20.29	18.41	13.95
8.0	1346	14.0			0.24	1.5		7.6	7.9	95		0.71	40		20.30	18.41	13.96
8.0	1346	15.0			0.24	1.5		7.6	7.9	95		0.92	51		20.31	18.41	13.97
9.0	1327	1.0			0.24	1.5		7.9	8.1	96		0.19	15	1.6	17.17	18.34	11.60
9.0	1327	2.0	1.5	0.59	0.24	1.5	8.0	7.9	8.1	96	17.1	0.20	15		17.25	18.34	11.66
9.0	1327	3.0			0.24	1.5		7.8	8.1	96		0.20	15		17.65	18.35	11.96
9.0	1327	4.0			0.23	1.4		7.8	8.1	96		0.20	15		17.74	18.35	12.03
9.0	1327	5.0			0.22	1.2		7.8	8.1	96		0.20	15		17.99	18.35	12.22

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9.0	1327	6.0			0.20	1.0		7.8	8.0	96		0.21	15		18.57	18.36	12.65
9.0	1327	7.0			0.20	0.9		7.7	8.0	96		0.21	16		19.14	18.38	13.09
9.0	1327	8.0			0.20	1.0		7.7	8.0	96		0.23	16		19.55	18.38	13.39
9.0	1327	9.0			0.21	1.1		7.7	7.9	96		0.26	18		19.84	18.37	13.62
9.0	1327	10.0			0.22	1.2		7.7	7.9	96		0.35	22		20.18	18.35	13.88
9.0	1327	11.0			0.22	1.3		7.7	7.9	96		0.37	23		20.25	18.35	13.93
9.0	1327	12.0			0.22	1.3		7.7	7.9	96		0.38	24		20.27	18.35	13.95
9.0	1327	13.0			0.23	1.4		7.7	7.9	96		0.36	23		20.29	18.35	13.96
9.0	1327	14.0			0.24	1.5		7.7	7.9	96		0.46	28		20.48	18.35	14.11
9.0	1327	15.0			0.26	1.8		7.6	7.9	96		1.19	65		20.79	18.35	14.35
9.0	1327	16.0			0.27	2.0		7.6	7.9	96		1.63	87		20.82	18.35	14.37
9.0	1327	17.0			0.28	2.1		7.6	7.9	96		1.79	94		20.94	18.35	14.46
9.0	1327	18.0			0.28	2.1		7.6	7.9	96		1.72	91		20.99	18.35	14.50
9.0	1327	19.0			0.28	2.1		7.6	7.9	96		1.63	87		21.01	18.35	14.51
9.0	1327	20.0			0.28	2.0		7.6	7.9	96		1.67	88		21.01	18.35	14.51
9.0	1327	21.0			0.28	2.1		7.6	7.9	96		1.67	88		20.99	18.35	14.49
9.0	1327	22.0			0.28	2.0		7.6	7.9	96		1.72	91		21.02	18.35	14.52
9.0	1327	23.0			0.27	1.9		7.6	7.9	96		1.62	86		21.09	18.36	14.58
9.0	1327	24.0			0.27	1.9		7.6	7.9	96		1.48	79		21.12	18.36	14.59
9.0	1327	25.0			0.27	1.9		7.6	7.9	96		1.44	77		21.10	18.36	14.59
9.0	1327	26.0			0.27	1.9		7.6	7.9	96		1.41	76		21.11	18.36	14.59
9.0	1327	27.0			0.27	1.9		7.6	7.9	96		1.43	76		21.11	18.36	14.59
9.0	1327	28.0			0.27	1.9		7.6	7.9	96		1.44	77		21.09	18.36	14.57
9.0	1327	29.0			0.27	2.0		7.6	7.9	96		1.46	78		21.11	18.36	14.59
9.0	1327	30.0			0.27	2.0		7.6	7.9	96		1.45	78		21.13	18.36	14.60
9.0	1327	31.0	1.4	0.21	0.27	2.0		7.6	7.9	96		1.47	78		21.13	18.36	14.61
10.0	1315	1.0			0.21	1.1		7.9	8.1	96		0.19	15	1.2	17.73	18.39	12.01
10.0	1315	2.0			0.20	1.0		7.9	8.1	96		0.19	14		18.03	18.39	12.24
10.0	1315	3.0			0.20	1.0		7.8	8.1	96		0.20	15		18.37	18.38	12.50
10.0	1315	4.0			0.19	0.9		7.8	8.1	96		0.19	15		18.53	18.37	12.62
10.0	1315	5.0			0.19	0.8		7.8	8.1	96		0.21	15		18.92	18.34	12.92
10.0	1315	6.0			0.19	0.8		7.8	8.1	96		0.22	16		19.17	18.35	13.11
10.0	1315	7.0			0.19	0.9		7.8	8.0	96		0.22	16		19.51	18.36	13.37
10.0	1315	8.0			0.21	1.1		7.8	8.0	96		0.23	17		19.82	18.34	13.61
10.0	1315	9.0			0.23	1.3		7.8	8.0	96		0.25	17		20.00	18.34	13.75
10.0	1315	10.0			0.23	1.4		7.7	8.0	96		0.25	17		20.31	18.34	13.98
10.0	1315	11.0			0.24	1.5		7.7	8.0	96		0.26	18		20.95	18.33	14.47
10.0	1315	12.0			0.25	1.7		7.7	7.9	96		0.36	23		21.66	18.32	15.02
10.0	1315	13.0			0.26	1.8		7.7	7.9	96		0.69	39		21.88	18.31	15.18
10.0	1315	14.0			0.26	1.8		7.7	7.9	96		0.92	51		21.91	18.31	15.21
10.0	1315	15.0			0.27	1.9		7.7	7.9	96		0.99	54		21.92	18.31	15.22
10.0	1315	16.0			0.27	1.9		7.7	7.9	96		1.07	58		21.93	18.31	15.23

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10.0	1315	17.0			0.27	1.9		7.6	7.9	96		1.15	62		21.95	18.31	15.23
11.0	1254	1.0			0.27	1.9		7.6	7.9	95		0.13	11	1.1	20.75	18.52	14.27
11.0	1254	2.0			0.26	1.8		7.5	7.8	94		0.12	11		20.64	18.51	14.20
11.0	1254	3.0			0.26	1.7		7.5	7.8	94		0.13	11		20.93	18.36	14.45
11.0	1254	4.0			0.25	1.6		7.5	7.8	94		0.14	12		21.23	18.35	14.68
11.0	1254	5.0			0.24	1.6		7.4	7.7	94		0.15	12		22.08	18.32	15.34
11.0	1254	6.0			0.25	1.6		7.4	7.7	94		0.16	13		23.22	18.20	16.23
11.0	1254	7.0			0.25	1.7		7.4	7.7	94		0.18	14		23.42	18.17	16.39
11.0	1254	8.0			0.25	1.6		7.4	7.7	95		0.24	17		23.47	18.17	16.43
11.0	1254	9.0			0.25	1.6		7.4	7.7	95		0.28	19		23.50	18.17	16.45
11.0	1254	10.0			0.26	1.7		7.4	7.7	95		0.27	18		23.60	18.20	16.52
11.0	1254	11.0			0.28	2.0		7.4	7.7	95		0.33	22		23.90	18.19	16.75
11.0	1254	12.0			0.29	2.2		7.4	7.7	95		0.73	41		23.99	18.18	16.82
11.0	1254	13.0			0.30	2.4		7.4	7.7	95		1.00	55		24.00	18.18	16.83
11.0	1254	14.0			0.30	2.4		7.4	7.7	95		1.29	70		24.00	18.18	16.83
12.0	1238	1.0			0.27	1.9		7.2	7.5	92		0.13	11	1.2	22.05	18.38	15.30
12.0	1238	2.0			0.26	1.8		7.2	7.5	92		0.15	12		22.49	18.31	15.65
12.0	1238	3.0			0.26	1.8		7.1	7.5	92		0.15	12		22.65	18.30	15.77
12.0	1238	4.0			0.26	1.7		7.1	7.5	92		0.16	13		23.21	18.22	16.22
12.0	1238	5.0			0.25	1.6		7.1	7.5	92		0.17	13		23.63	18.17	16.55
12.0	1238	6.0			0.24	1.5		7.1	7.5	92		0.18	14		24.30	18.16	17.06
12.0	1238	7.0			0.25	1.6		7.1	7.5	92		0.17	13		24.88	18.15	17.51
12.0	1238	8.0			0.26	1.8		7.1	7.5	92		0.18	14		25.28	18.16	17.81
12.0	1238	9.0			0.26	1.8		7.1	7.5	92		0.24	17		25.32	18.16	17.84
13.0	1216	1.0			0.43	4.1		7.6	7.9	97		0.17	13	1.4	24.64	18.04	17.35
13.0	1216	2.0	3.2	0.73	0.40	3.7	7.8	7.5	7.8	96	12.9	0.15	13		25.25	17.88	17.85
13.0	1216	3.0			0.33	2.7		7.4	7.7	95		0.16	13		26.44	17.83	18.77
13.0	1216	4.0			0.29	2.1		7.3	7.7	95		0.19	14		26.75	17.84	19.00
13.0	1216	5.0			0.27	2.0		7.3	7.7	95		0.31	20		26.79	17.87	19.03
13.0	1216	6.0			0.27	1.9		7.3	7.7	95		0.40	25		26.79	17.87	19.03
13.0	1216	7.0			0.27	2.0		7.3	7.7	95		0.42	26		26.80	17.88	19.03
13.0	1216	8.0			0.28	2.0		7.3	7.7	95		0.44	27		26.80	17.88	19.03
13.0	1216	9.0			0.28	2.1		7.3	7.7	95		0.48	29		26.80	17.88	19.04
13.0	1216	10.0	1.5	0.37	0.28	2.1		7.3	7.7	95		0.51	30		26.81	17.88	19.04
14.0	1202	1.0			0.36	3.1		7.4	7.7	95		0.12	11	1.2	25.65	17.96	18.13
14.0	1202	2.0			0.36	3.1		7.3	7.7	94		0.15	12		26.01	17.80	18.45
14.0	1202	3.0			0.30	2.3		7.3	7.6	94		0.15	12		26.80	17.70	19.07
14.0	1202	4.0			0.27	1.9		7.2	7.6	94		0.13	11		27.14	17.72	19.33
14.0	1202	5.0			0.25	1.6		7.2	7.6	94		0.12	11		27.18	17.73	19.36

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14.0	1202	6.0			0.24	1.5		7.2	7.6	94		0.11	10		27.25	17.72	19.41
14.0	1202	7.0			0.24	1.5		7.2	7.5	94		0.11	10		27.29	17.71	19.44
14.0	1202	8.0			0.25	1.6		7.2	7.5	93		0.11	10		27.41	17.66	19.55
14.0	1202	9.0			0.25	1.7		7.2	7.5	93		0.11	11		27.56	17.63	19.67
14.0	1202	10.0			0.26	1.8		7.2	7.5	94		0.14	12		27.63	17.62	19.73
14.0	1202	11.0			0.27	1.9		7.2	7.5	94		0.22	16		27.66	17.61	19.75
14.0	1202	12.0			0.28	2.0		7.2	7.6	94		0.30	20		27.67	17.61	19.76
14.0	1202	13.0			0.29	2.2		7.2	7.6	94		0.44	27		27.69	17.60	19.78
14.0	1202	14.0			0.29	2.2		7.2	7.6	94		0.76	43		27.71	17.60	19.79
15.0	1139	1.0			0.28	2.1		7.3	7.6	94		0.10	10	1.0	26.73	17.64	19.04
15.0	1139	2.0	2.3	0.71	0.26	1.8	7.6	7.3	7.6	94	10.2	0.09	9		27.04	17.58	19.28
15.0	1139	3.0			0.25	1.6		7.2	7.6	94		0.10	10		27.16	17.60	19.37
15.0	1139	4.0			0.25	1.6		7.2	7.6	94		0.09	10		27.19	17.59	19.40
15.0	1139	5.0			0.25	1.6		7.2	7.6	94		0.10	10		27.22	17.58	19.42
15.0	1139	6.0			0.25	1.6		7.2	7.6	93		0.10	10		27.40	17.57	19.57
15.0	1139	7.0			0.25	1.6		7.2	7.5	93		0.11	10		27.61	17.54	19.73
15.0	1139	8.0			0.24	1.5		7.1	7.5	93		0.11	10		27.86	17.48	19.93
15.0	1139	9.0			0.24	1.5		7.1	7.5	93		0.10	10		28.11	17.41	20.15
15.0	1139	10.0			0.24	1.6		7.1	7.5	93		0.10	10		28.30	17.34	20.30
15.0	1139	11.0			0.25	1.7		7.1	7.5	93		0.10	10		28.40	17.30	20.39
15.0	1139	12.0			0.26	1.7		7.1	7.5	93		0.09	9		28.47	17.26	20.45
15.0	1139	13.0			0.26	1.7		7.1	7.5	92		0.09	9		28.65	17.19	20.60
15.0	1139	14.0			0.26	1.8		7.1	7.4	92		0.10	10		28.94	17.09	20.85
15.0	1139	15.0			0.26	1.8		7.1	7.5	92		0.13	11		29.21	17.00	21.08
15.0	1139	16.0			0.27	1.9		7.1	7.5	92		0.18	14		29.34	16.95	21.18
15.0	1139	17.0			0.27	2.0		7.1	7.5	92		0.20	15		29.38	16.94	21.22
15.0	1139	18.0			0.27	1.9		7.1	7.5	92		0.23	16		29.51	16.90	21.33
15.0	1139	19.0			0.27	2.0		7.1	7.5	92		0.28	19		29.55	16.88	21.36
15.0	1139	20.0			0.28	2.0		7.1	7.5	93		0.32	21		29.57	16.88	21.38
15.0	1139	21.0			0.28	2.1		7.1	7.5	93		0.34	22		29.57	16.88	21.38
15.0	1139	22.0			0.28	2.0		7.1	7.5	93		0.36	23		29.58	16.87	21.39
15.0	1139	23.0			0.27	2.0		7.1	7.5	93		0.39	24		29.58	16.87	21.39
15.0	1139	24.0	1.7	0.36	0.28	2.0		7.1	7.5	93		0.39	25		29.58	16.88	21.39
16.0	1115	1.0			0.35	3.0		7.3	7.7	95		0.06	8	0.9	27.52	17.55	19.66
16.0	1115	2.0			0.35	3.0		7.3	7.6	95		0.07	8		27.99	17.33	20.07
16.0	1115	3.0			0.32	2.5		7.2	7.6	94		0.08	9		28.25	17.24	20.29
16.0	1115	4.0			0.29	2.1		7.2	7.5	93		0.08	9		28.51	17.16	20.50
16.0	1115	5.0			0.27	1.9		7.2	7.5	93		0.08	9		28.78	17.06	20.73
16.0	1115	6.0			0.25	1.7		7.2	7.5	93		0.09	9		29.00	16.98	20.92
16.0	1115	7.0			0.25	1.6		7.2	7.5	93		0.09	9		29.08	16.95	20.99
16.0	1115	8.0			0.24	1.5		7.1	7.5	93		0.10	10		29.14	16.92	21.04

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16.0	1115	9.0			0.24	1.5		7.2	7.5	93		0.10	10		29.28	16.89	21.16
16.0	1115	10.0			0.24	1.5		7.1	7.5	93		0.10	10		29.40	16.86	21.26
16.0	1115	11.0			0.24	1.5		7.1	7.5	92		0.10	10		29.49	16.84	21.33
16.0	1115	12.0			0.24	1.5		7.1	7.5	93		0.10	10		29.84	16.72	21.63
17.0	1056	1.0			0.31	2.5		7.1	7.5	92		0.09	9	1.0	28.52	16.96	20.56
17.0	1056	2.0			0.31	2.5		7.1	7.5	92		0.08	9		28.96	16.82	20.92
17.0	1056	3.0			0.31	2.5		7.1	7.5	92		0.08	9		29.28	16.71	21.20
17.0	1056	4.0			0.31	2.5		7.0	7.4	91		0.08	9		29.37	16.66	21.28
17.0	1056	5.0			0.30	2.3		7.0	7.4	91		0.08	9		29.62	16.55	21.49
17.0	1056	6.0			0.29	2.1		7.0	7.4	91		0.08	9		29.85	16.44	21.70
17.0	1056	7.0			0.29	2.1		6.9	7.3	90		0.07	8		30.16	16.29	21.97
17.0	1056	8.0			0.29	2.2		6.8	7.3	89		0.06	8		30.66	16.04	22.40
17.0	1056	9.0			0.30	2.3		6.9	7.3	89		0.07	8		31.07	15.83	22.76
17.0	1056	10.0			0.31	2.4		6.9	7.3	90		0.07	8		31.13	15.80	22.82
17.0	1056	11.0			0.32	2.6		6.9	7.3	90		0.08	9		31.18	15.75	22.87
17.0	1056	12.0			0.33	2.7		6.9	7.3	89		0.09	9		31.26	15.68	22.95
17.0	1056	13.0			0.34	2.8		6.9	7.4	90		0.12	11		31.37	15.61	23.04
17.0	1056	14.0			0.33	2.8		7.0	7.4	90		0.13	11		31.43	15.57	23.10
18.0	1028	1.0			0.29	2.2		7.0	7.4	91		0.06	8	0.9	29.90	16.54	21.71
18.0	1028	2.0	2.4	0.66	0.30	2.3	7.4	7.0	7.4	91	6.2	0.07	8		30.12	16.37	21.92
18.0	1028	3.0			0.28	2.1		7.0	7.4	91		0.07	8		30.30	16.32	22.07
18.0	1028	4.0			0.28	2.0		7.0	7.4	91		0.07	8		30.41	16.43	22.13
18.0	1028	5.0			0.28	2.0		7.0	7.4	91		0.06	8		30.50	16.51	22.18
18.0	1028	6.0			0.28	2.1		6.9	7.3	91		0.05	7		30.62	16.50	22.27
18.0	1028	7.0			0.28	2.1		6.9	7.3	91		0.05	7		30.70	16.43	22.35
18.0	1028	8.0			0.28	2.1		6.9	7.3	91		0.06	8		30.71	16.40	22.36
18.0	1028	9.0			0.28	2.0		6.9	7.3	90		0.05	7		30.72	16.37	22.38
18.0	1028	10.0			0.27	2.0		6.9	7.3	90		0.06	8		30.74	16.30	22.41
18.0	1028	11.0			0.27	1.9		6.9	7.4	91		0.06	8		30.76	16.25	22.44
18.0	1028	12.0			0.28	2.1		6.9	7.3	90		0.06	8		30.79	16.25	22.45
18.0	1028	13.0			0.29	2.1		6.9	7.4	91		0.06	8		30.80	16.21	22.47
18.0	1028	14.0			0.28	2.1		7.0	7.4	91		0.06	8		30.79	16.24	22.46
18.0	1028	15.0			0.29	2.1		6.9	7.3	90		0.06	8		30.83	16.27	22.48
18.0	1028	16.0			0.30	2.3		6.9	7.3	90		0.06	8		30.85	16.19	22.51
18.0	1028	17.0			0.30	2.3		6.9	7.3	90		0.06	8		30.97	16.05	22.64
18.0	1028	18.0			0.31	2.5		6.9	7.3	89		0.05	7		31.09	15.99	22.74
18.0	1028	19.0			0.32	2.6		6.9	7.3	89		0.05	7		31.18	15.92	22.83
18.0	1028	20.0			0.31	2.5		6.9	7.3	90		0.05	7		31.25	15.84	22.90
18.0	1028	21.0			0.31	2.5		6.9	7.3	90		0.05	7		31.25	15.83	22.90
18.0	1028	22.0			0.31	2.5		6.9	7.3	90		0.05	7		31.26	15.82	22.91
18.0	1028	23.0			0.31	2.4		6.9	7.3	90		0.05	7		31.27	15.81	22.93

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18.0	1028	24.0			0.31	2.5		6.9	7.4	90		0.05	7		31.28	15.81	22.93
18.0	1028	25.0			0.31	2.5		6.9	7.4	90		0.05	7		31.28	15.81	22.93
18.0	1028	26.0			0.32	2.6		6.9	7.3	90		0.05	7		31.28	15.81	22.93
18.0	1028	27.0			0.33	2.7		6.9	7.4	90		0.05	7		31.31	15.79	22.95
18.0	1028	28.0			0.33	2.7		6.9	7.4	90		0.05	7		31.32	15.78	22.97
18.0	1028	29.0			0.32	2.6		6.9	7.4	90		0.05	7		31.33	15.77	22.98
18.0	1028	30.0			0.33	2.7		6.9	7.4	90		0.05	7		31.34	15.76	22.99
18.0	1028	31.0			0.33	2.7		7.0	7.4	90		0.05	7		31.35	15.76	23.00
18.0	1028	32.0			0.33	2.7		6.9	7.4	90		0.05	7		31.36	15.75	23.01
18.0	1028	33.0			0.34	2.9		6.9	7.3	89		0.05	7		31.40	15.71	23.04
18.0	1028	34.0			0.34	2.9		6.8	7.3	89		0.10	10		31.67	15.44	23.31
18.0	1028	35.0			0.34	2.9		6.9	7.3	89		0.13	12		31.75	15.36	23.40
18.0	1028	36.0			0.34	2.9		6.9	7.3	89		0.16	13		31.78	15.34	23.42
18.0	1028	37.0			0.36	3.1		6.9	7.3	89		0.26	18		31.79	15.32	23.43
18.0	1028	38.0			0.38	3.3		6.9	7.3	89		0.28	19		31.79	15.32	23.43
18.0	1028	39.0			0.38	3.4		6.9	7.3	89		0.30	20		31.79	15.32	23.43
20.0	1010	1.0			0.32	2.5		6.8	7.3	91		0.04	7	0.8	30.49	17.20	22.01
20.0	1010	2.0			0.32	2.6		6.8	7.3	91		0.04	7		30.54	17.06	22.08
20.0	1010	3.0			0.33	2.7		6.8	7.3	90		0.04	7		30.58	16.98	22.13
20.0	1010	4.0			0.33	2.7		6.8	7.2	90		0.04	7		30.62	16.87	22.19
20.0	1010	5.0			0.31	2.5		6.8	7.3	90		0.04	7		30.70	16.72	22.28
20.0	1010	6.0			0.30	2.4		6.8	7.3	90		0.04	7		30.72	16.68	22.31
20.0	1010	7.0			0.29	2.2		6.9	7.3	90		0.04	7		30.72	16.67	22.31
20.0	1010	8.0			0.29	2.1		6.9	7.3	90		0.04	7		30.74	16.64	22.33
20.0	1010	9.0			0.29	2.1		6.8	7.3	90		0.04	7		30.76	16.62	22.35
20.0	1010	10.0			0.27	2.0		6.9	7.3	90		0.04	7		30.80	16.57	22.39
20.0	1010	11.0			0.27	1.9		6.9	7.3	90		0.05	7		30.80	16.57	22.40
20.0	1010	12.0			0.27	1.9		6.9	7.3	90		0.05	7		30.82	16.56	22.41
20.0	1010	13.0			0.27	2.0		6.9	7.3	91		0.05	7		30.82	16.55	22.41
20.0	1010	14.0			0.27	1.9		6.9	7.3	90		0.05	7		30.83	16.54	22.42
20.0	1010	15.0			0.28	2.0		6.9	7.3	90		0.05	8		30.89	16.48	22.48
20.0	1010	16.0			0.29	2.2		6.9	7.3	90		0.05	7		30.96	16.41	22.55
20.0	1010	17.0			0.29	2.3		6.9	7.3	90		0.05	7		31.00	16.37	22.59
20.0	1010	18.0			0.30	2.3		6.9	7.3	90		0.06	8		31.00	16.37	22.59
20.0	1010	19.0			0.30	2.4		6.9	7.3	90		0.06	8		31.00	16.37	22.59
20.0	1010	20.0			0.30	2.3		6.9	7.3	90		0.06	8		31.01	16.35	22.60
20.0	1010	21.0			0.30	2.3		6.9	7.3	90		0.09	10		31.07	16.29	22.67
20.0	1010	22.0			0.31	2.4		6.9	7.3	90		0.14	12		31.08	16.27	22.68
20.0	1010	23.0			0.31	2.5		6.9	7.3	90		0.15	13		31.09	16.26	22.69
20.0	1010	24.0			0.33	2.7		6.9	7.3	90		0.18	14		31.10	16.25	22.70
20.0	1010	25.0			0.33	2.7		6.9	7.3	90		0.20	15		31.10	16.25	22.70
20.0	1010	26.0			0.32	2.7		6.9	7.3	90		0.24	17		31.11	16.24	22.70

North San Francisco Bay OCTOBER 16, 1996 96290

STN	TIME	DEPTH	DISCR CHL a	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:	15	0.673	13.577	-1.751	0.498
OBS Calibration:	7	0.963	50.074	4.793	1.605
Dissolved Oxygen Calibration:	8	0.948	0.812	1.717	0.144

SeaBird v4.026

South San Francisco Bay OCTOBER 16, 1996 96290

STN	TIME	DEPTH	DISCR CHL a	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			1.09	6.4		6.7	6.9	88		0.45	30		26.48	19.20	18.47
36.0	0639	2.0	7.0	0.70	1.07	6.4	6.8	6.7	6.9	88	32.2	0.46	30		26.64	19.29	18.58
36.0	0639	3.0			1.06	6.2		6.7	6.9	88		0.50	33		26.73	19.29	18.65
36.0	0639	4.0			1.05	6.2		6.7	6.9	88		0.53	34		26.78	19.28	18.68
36.0	0639	5.0	6.3	0.64	1.05	6.2		6.7	6.9	88		0.55	35		26.76	19.29	18.67
34.0	0700	1.0			0.94	5.6		7.0	7.0	88		0.56	36		27.55	18.59	19.44
34.0	0700	2.0			0.93	5.5		7.0	7.0	88		0.59	37		27.78	18.61	19.61
34.0	0700	3.0			0.95	5.6		7.0	7.0	88		0.62	39		27.80	18.62	19.62
34.0	0700	4.0			0.97	5.8		7.0	7.0	88		0.69	42		27.82	18.63	19.63
34.0	0700	5.0			0.99	5.9		7.0	7.0	88		0.79	47		27.83	18.62	19.65
34.0	0700	6.0			1.01	6.0		7.0	7.0	88		0.94	56		27.83	18.56	19.66
34.0	0700	7.0			1.00	5.9		7.0	7.0	88		1.11	65		27.83	18.52	19.67
32.0	0720	1.0			0.73	4.3		7.0	7.0	90		0.38	26		28.36	19.23	19.90
32.0	0720	2.0	3.8	0.61	0.73	4.3	7.0	7.0	7.0	90	22.9	0.37	26		28.36	19.24	19.90
32.0	0720	3.0			0.73	4.4		7.0	7.0	90		0.36	25		28.36	19.26	19.90
32.0	0720	4.0			0.74	4.4		7.0	7.0	90		0.37	26		28.38	19.31	19.90
32.0	0720	5.0			0.75	4.5		7.0	7.0	90		0.40	27		28.40	19.33	19.90
32.0	0720	6.0			0.75	4.5		7.0	7.0	90		0.45	30		28.41	19.34	19.91
32.0	0720	7.0			0.76	4.5		7.0	7.0	90		0.47	31		28.42	19.36	19.91
32.0	0720	8.0			0.76	4.5		7.0	7.0	90		0.50	33		28.43	19.37	19.92
32.0	0720	9.0			0.77	4.6		7.0	7.0	90		0.57	36		28.44	19.38	19.92
32.0	0720	10.0			0.78	4.6		7.0	7.0	90		0.64	40		28.45	19.38	19.93
32.0	0720	11.0			0.80	4.8		6.9	7.0	90		0.74	45		28.45	19.37	19.93
32.0	0720	12.0	4.3	0.46	0.81	4.8		7.0	7.0	90		0.90	54		28.45	19.36	19.93
30.0	0747	1.0			0.47	2.9		6.9	7.0	90		0.15	14	1.4	28.93	19.27	20.33
30.0	0747	2.0	2.2	0.59	0.47	2.9	6.9	6.9	6.9	90	15.4	0.15	14		28.94	19.29	20.32
30.0	0747	3.0			0.47	2.9		6.9	7.0	90		0.15	14		28.93	19.29	20.32
30.0	0747	4.0			0.47	2.9		6.9	7.0	90		0.16	14		28.93	19.29	20.32
30.0	0747	5.0			0.46	2.8		6.9	7.0	90		0.16	14		28.95	19.30	20.33
30.0	0747	6.0			0.45	2.8		6.9	6.9	90		0.16	15		29.02	19.33	20.38
30.0	0747	7.0			0.45	2.7		6.9	6.9	90		0.17	15		29.09	19.30	20.43
30.0	0747	8.0			0.46	2.8		6.9	6.9	90		0.21	17		29.10	19.30	20.44
30.0	0747	9.0			0.46	2.8		6.9	6.9	90		0.23	18		29.10	19.29	20.45
30.0	0747	10.0			0.46	2.8		6.9	6.9	90		0.25	19		29.13	19.27	20.48
30.0	0747	11.0			0.46	2.8		6.9	6.9	90		0.28	21		29.13	19.27	20.48
30.0	0747	12.0			0.46	2.8		6.9	6.9	90		0.31	23		29.14	19.26	20.49
30.0	0747	13.0			0.47	2.9		6.9	6.9	90		0.35	25		29.15	19.24	20.50
30.0	0747	14.0	2.3	0.44	0.47	2.9		6.9	6.9	90		0.48	31		29.15	19.24	20.50

South San Francisco Bay OCTOBER 16, 1996 96290

STN	TIME	DEPTH	DISCR CHL a	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			0.45	2.7		6.9	7.0	89		0.15	14	1.5	29.30	18.83	20.71
29.0	0806	2.0			0.45	2.7		7.0	7.0	89		0.15	14		29.28	18.80	20.70
29.0	0806	3.0			0.44	2.7		6.9	7.0	89		0.15	14		29.30	18.86	20.71
29.0	0806	4.0			0.44	2.7		6.9	7.0	89		0.15	14		29.31	18.87	20.71
29.0	0806	5.0			0.44	2.7		7.0	7.0	89		0.16	14		29.31	18.87	20.71
29.0	0806	6.0			0.44	2.7		7.0	7.0	90		0.16	14		29.32	18.88	20.72
29.0	0806	7.0			0.43	2.7		7.0	7.0	90		0.16	14		29.36	18.97	20.72
29.0	0806	8.0			0.43	2.6		7.0	7.0	90		0.17	15		29.37	18.99	20.73
29.0	0806	9.0			0.44	2.7		6.9	7.0	90		0.20	17		29.40	19.02	20.74
29.0	0806	10.0			0.45	2.8		7.0	7.0	90		0.26	20		29.41	19.02	20.75
29.0	0806	11.0			0.46	2.8		6.9	7.0	90		0.34	24		29.42	19.02	20.76
29.0	0806	12.0			0.47	2.8		6.9	7.0	90		0.39	27		29.43	19.01	20.77
29.0	0806	13.0			0.48	2.9		6.9	7.0	90		0.49	32		29.45	19.01	20.78
29.0	0806	14.0			0.48	2.9		6.9	7.0	90		0.67	41		29.45	19.00	20.79
27.0	0827	1.0			0.36	2.2		6.8	6.9	89		0.12	12	1.3	29.51	18.78	20.88
27.0	0827	2.0	2.0	0.61	0.35	2.2	7.1	6.8	6.9	89	9.1	0.12	12		29.52	18.78	20.89
27.0	0827	3.0			0.35	2.2		6.8	6.9	89		0.12	12		29.56	18.76	20.93
27.0	0827	4.0			0.36	2.2		6.8	6.9	89		0.13	13		29.59	18.74	20.96
27.0	0827	5.0			0.36	2.2		6.8	6.9	89		0.14	13		29.60	18.73	20.97
27.0	0827	6.0			0.36	2.2		6.8	6.9	89		0.15	14		29.63	18.69	21.00
27.0	0827	7.0			0.36	2.2		6.8	6.9	89		0.16	15		29.65	18.66	21.02
27.0	0827	8.0			0.37	2.3		6.8	6.9	89		0.17	15		29.65	18.65	21.02
27.0	0827	9.0			0.38	2.3		6.8	6.9	89		0.20	16		29.66	18.65	21.03
27.0	0827	10.0			0.38	2.3		6.8	6.9	89		0.23	18		29.66	18.64	21.03
27.0	0827	11.0			0.37	2.3		6.8	6.9	89		0.26	20		29.67	18.64	21.04
27.0	0827	12.0	2.3	0.57	0.36	2.2		6.9	6.9	89		0.27	20		29.67	18.64	21.04
25.0	0852	1.0			0.36	2.2		7.0	7.0	90		0.18	16	1.4	29.80	18.72	21.13
25.0	0852	2.0			0.37	2.3		7.0	7.0	90		0.16	15		29.80	18.72	21.13
25.0	0852	3.0			0.37	2.3		7.0	7.0	90		0.16	14		29.80	18.72	21.12
25.0	0852	4.0			0.36	2.2		7.0	7.0	90		0.17	15		29.80	18.73	21.12
25.0	0852	5.0			0.35	2.2		7.0	7.0	90		0.17	15		29.80	18.73	21.12
25.0	0852	6.0			0.38	2.3		7.0	7.0	90		0.18	15		29.80	18.72	21.12
25.0	0852	7.0			0.37	2.3		7.0	7.0	90		0.17	15		29.80	18.72	21.12
25.0	0852	8.0			0.36	2.2		7.0	7.0	90		0.18	16		29.80	18.72	21.12
24.0	0906	1.0			0.35	2.2		6.8	6.9	89		0.12	12	1.2	29.87	18.72	21.17
24.0	0906	2.0	2.6	0.62	0.35	2.2	7.0	6.8	6.9	89	15.9	0.13	13		29.87	18.72	21.18
24.0	0906	3.0			0.34	2.1		6.8	6.9	89		0.13	13		29.88	18.72	21.18
24.0	0906	4.0			0.33	2.1		6.8	6.9	89		0.14	13		29.88	18.71	21.18
24.0	0906	5.0			0.34	2.1		6.8	6.9	89		0.14	13		29.89	18.70	21.19
24.0	0906	6.0			0.34	2.1		6.8	6.9	89		0.16	14		29.89	18.69	21.20

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
24.0	0906	7.0			0.35	2.2		6.8	6.9	89		0.16	15		29.89	18.69	21.20
24.0	0906	8.0			0.36	2.2		6.8	6.9	89		0.17	15		29.89	18.69	21.20
24.0	0906	9.0			0.35	2.2		6.8	6.9	89		0.17	15		29.90	18.68	21.20
24.0	0906	10.0	2.7	0.53	0.35	2.2		6.8	6.9	89		0.17	15		29.90	18.68	21.20
22.0	0935	1.0			0.34	2.1		7.0	7.0	88		0.06	9	0.9	30.37	17.55	21.83
22.0	0935	2.0			0.33	2.0		7.0	7.0	88		0.06	9		30.37	17.55	21.84
22.0	0935	3.0			0.32	2.0		7.0	7.0	88		0.06	9		30.37	17.55	21.84
22.0	0935	4.0			0.32	2.0		7.0	7.0	88		0.06	9		30.37	17.55	21.84
22.0	0935	5.0			0.32	2.0		7.0	7.0	88		0.06	9		30.37	17.55	21.84
22.0	0935	6.0			0.31	1.9		7.0	7.0	88		0.06	9		30.37	17.55	21.84
22.0	0935	7.0			0.29	1.8		7.0	7.0	88		0.06	9		30.38	17.54	21.85
22.0	0935	8.0			0.28	1.7		6.9	7.0	88		0.06	9		30.39	17.52	21.86
22.0	0935	9.0			0.27	1.7		6.9	7.0	88		0.06	9		30.41	17.48	21.88
22.0	0935	10.0			0.27	1.7		6.9	7.0	87		0.07	10		30.42	17.46	21.89
22.0	0935	11.0			0.27	1.7		6.9	7.0	87		0.08	10		30.42	17.43	21.91
22.0	0935	12.0			0.27	1.7		6.9	7.0	87		0.08	10		30.42	17.43	21.91
22.0	0935	13.0			0.28	1.8		6.9	7.0	87		0.09	11		30.43	17.40	21.92
22.0	0935	14.0			0.29	1.8		6.9	7.0	87		0.09	11		30.43	17.39	21.92
22.0	0935	15.0			0.29	1.8		6.9	7.0	87		0.10	11		30.44	17.37	21.93
22.0	0935	16.0			0.28	1.8		6.9	7.0	87		0.10	11		30.44	17.37	21.93
22.0	0935	17.0			0.28	1.8		6.9	7.0	87		0.10	11		30.44	17.37	21.93
21.0	0949	1.0			0.30	1.9		6.8	6.9	88		0.08	10	0.7	30.17	18.12	21.55
21.0	0949	2.0	2.1	0.66	0.30	1.9	6.9	6.8	6.9	88	9.9	0.07	10		30.17	18.13	21.55
21.0	0949	3.0			0.29	1.8		6.8	6.9	88		0.08	10		30.18	18.11	21.56
21.0	0949	4.0			0.29	1.8		6.8	6.9	88		0.08	10		30.19	18.09	21.57
21.0	0949	5.0			0.29	1.8		6.8	6.9	88		0.08	10		30.19	18.09	21.58
21.0	0949	6.0			0.28	1.8		6.8	6.9	88		0.08	10		30.20	18.06	21.59
21.0	0949	7.0			0.27	1.7		6.7	6.9	88		0.08	10		30.23	17.98	21.63
21.0	0949	8.0			0.27	1.7		6.8	6.9	87		0.09	11		30.28	17.86	21.70
21.0	0949	9.0			0.26	1.7		6.8	6.9	87		0.09	11		30.31	17.79	21.73
21.0	0949	10.0			0.27	1.7		6.7	6.9	87		0.09	11		30.33	17.70	21.78
21.0	0949	11.0			0.28	1.7		6.7	6.9	87		0.08	10		30.38	17.57	21.84
21.0	0949	12.0			0.27	1.7		6.8	6.9	87		0.08	10		30.42	17.41	21.91
21.0	0949	13.0			0.27	1.7		6.8	6.9	87		0.07	10		30.45	17.32	21.95
21.0	0949	14.0			0.27	1.7		6.8	6.9	87		0.07	10		30.47	17.28	21.98
21.0	0949	15.0			0.28	1.7		6.8	6.9	87		0.08	10		30.50	17.18	22.02
21.0	0949	16.0			0.28	1.7		6.8	6.9	87		0.08	10		30.53	17.11	22.06
21.0	0949	17.0	2.0	0.51	0.28	1.7		6.9	6.9	87		0.09	11		30.54	17.08	22.08

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	n	r^2	Slope	Inter.	Std. Err.
Fluorometer Calibration:	12	0.931	5.784	0.139	0.480
OBS Calibration:	6	0.917	52.678	6.100	2.811
Dissolved Oxygen Calibration:	6	0.125	0.318	4.752	0.096

SeaBird v4.026

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
657.0	1727	1.0			0.22	1.0		9.6	9.5	92		0.12	12		0.18	13.51	0.00
657.0	1727	2.0	1.2	0.55	0.22	1.0	9.5	9.6	9.5	92	10.2	0.11	12		0.18	13.50	0.00
657.0	1727	3.0			0.22	1.0		9.5	9.5	92		0.11	12		0.18	13.50	0.00
657.0	1727	4.0			0.22	1.0		9.5	9.5	91		0.11	12		0.18	13.51	0.00
657.0	1727	5.0			0.22	1.0		9.5	9.5	91		0.11	12		0.18	13.51	0.00
657.0	1727	6.0			0.22	1.0		9.4	9.4	91		0.12	12		0.18	13.51	0.00
657.0	1727	7.0			0.22	1.0		9.4	9.4	91		0.12	13		0.18	13.51	0.00
657.0	1727	8.0			0.22	1.0		9.4	9.4	91		0.13	13		0.18	13.51	0.00
657.0	1727	9.0			0.22	1.0		9.4	9.4	91		0.13	13		0.18	13.51	0.00
657.0	1727	10.0			0.24	1.2		9.4	9.4	90		0.13	13		0.18	13.51	0.00
657.0	1727	11.0	1.1	0.46	0.24	1.3		9.4	9.4	90		0.14	14		0.18	13.51	0.00
653.0	1659	1.0			0.21	0.9		9.3	9.3	91		0.51	34		1.44	13.68	0.41
653.0	1659	2.0			0.21	0.9		9.3	9.3	91		0.43	30		1.52	13.74	0.46
653.0	1659	3.0			0.21	0.9		9.2	9.3	90		0.41	28		1.57	13.76	0.50
653.0	1659	4.0			0.21	0.9		9.2	9.2	90		0.39	27		1.61	13.77	0.53
653.0	1659	5.0			0.21	0.9		9.2	9.2	90		0.41	28		1.63	13.75	0.54
653.0	1659	6.0			0.21	0.9		9.2	9.2	90		0.42	29		1.68	13.75	0.58
653.0	1659	7.0			0.21	0.9		9.1	9.2	90		0.43	29		1.72	13.76	0.61
653.0	1659	8.0			0.21	0.9		9.1	9.1	89		0.42	29		1.74	13.77	0.63
653.0	1659	9.0			0.21	0.9		9.1	9.1	89		0.45	31		1.76	13.78	0.64
653.0	1659	10.0			0.21	0.9		9.1	9.1	89		0.48	32		1.77	13.78	0.65
649.0	1630	1.0			0.20	0.8		9.4	9.4	94		0.33	24	2.1	4.22	14.17	2.48
649.0	1630	2.0	0.9	0.52	0.20	0.8	9.3	9.3	9.3	94		0.33	24		4.32	14.16	2.56
649.0	1630	3.0			0.20	0.8		9.3	9.3	93		0.38	27		4.35	14.15	2.59
649.0	1630	4.0			0.20	0.8		9.3	9.3	93		0.39	27		4.39	14.12	2.63
649.0	1630	5.0			0.20	0.8		9.2	9.2	93		0.39	27		4.41	14.11	2.64
649.0	1630	6.0			0.21	0.9		9.2	9.2	92		0.42	29		4.43	14.10	2.66
649.0	1630	7.0			0.21	0.9		9.2	9.2	92		0.47	32		4.48	14.10	2.69
649.0	1630	8.0			0.21	0.9		9.2	9.2	92		0.49	33		4.53	14.10	2.73
649.0	1630	9.0			0.21	0.9		9.1	9.2	92		0.50	33		4.54	14.10	2.74
649.0	1630	10.0			0.21	0.9		9.1	9.2	92		0.49	33		4.55	14.10	2.75
649.0	1630	11.0			0.21	0.9		9.1	9.2	92		0.50	34		4.55	14.10	2.75
2.0	1610	1.0			0.24	1.2		9.2	9.2	94		0.24	19	1.7	6.82	14.33	4.46
2.0	1610	2.0			0.23	1.2		9.1	9.1	94		0.26	20		7.19	14.28	4.75
2.0	1610	3.0			0.23	1.1		9.1	9.1	93		0.38	27		7.41	14.24	4.92
2.0	1610	4.0			0.23	1.2		9.1	9.1	93		0.42	29		7.42	14.23	4.93
2.0	1610	5.0			0.24	1.2		9.0	9.0	93		0.50	33		7.47	14.22	4.97
2.0	1610	6.0			0.24	1.2		9.0	9.0	92		0.60	39		7.51	14.20	5.00
2.0	1610	7.0			0.25	1.3		9.0	9.0	92		0.62	40		7.50	14.20	5.00
2.0	1610	8.0			0.24	1.3		9.0	9.0	92		0.63	41		7.51	14.20	5.00

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
2.0	1610	9.0			0.25	1.3		8.9	9.0	92		0.67	43		7.51	14.20	5.01
2.0	1610	10.0			0.25	1.3		8.9	9.0	92		0.67	43		7.51	14.20	5.01
2.0	1610	11.0			0.25	1.3		9.0	9.0	92		0.69	44		7.51	14.20	5.01
3.0	1557	1.0			0.26	1.4		9.4	9.4	96		0.24	19	1.7	7.36	14.36	4.87
3.0	1557	2.0	1.3	0.52	0.26	1.4		9.4	9.4	96		0.24	19		7.34	14.36	4.85
3.0	1557	3.0			0.25	1.4		9.3	9.3	96		0.24	19		7.38	14.35	4.88
3.0	1557	4.0			0.24	1.3		9.2	9.3	95		0.24	19		7.60	14.30	5.06
3.0	1557	5.0			0.24	1.2		9.2	9.2	94		0.25	19		7.73	14.27	5.16
3.0	1557	6.0			0.24	1.3		9.1	9.1	94		0.28	21		7.93	14.25	5.32
3.0	1557	7.0			0.25	1.3		9.0	9.1	93		0.32	23		8.52	14.18	5.79
3.0	1557	8.0			0.25	1.3		9.0	9.0	93		0.41	28		8.73	14.16	5.95
3.0	1557	9.0			0.25	1.3		9.0	9.0	93		0.51	34		8.74	14.16	5.95
3.0	1557	10.0			0.25	1.3		9.0	9.0	93		0.60	39		8.74	14.16	5.96
3.0	1557	11.0			0.25	1.3		9.0	9.0	93		0.60	39		8.74	14.16	5.96
3.0	1557	12.0			0.26	1.4		9.0	9.0	93		0.61	39		8.73	14.16	5.95
3.0	1557	13.0			0.25	1.3		9.0	9.0	93		0.63	41		8.72	14.15	5.94
3.0	1557	14.0	0.7	0.30	0.25	1.3		9.0	9.0	93		0.65	41		8.72	14.16	5.94
4.0	1536	1.0			0.29	1.8		9.1	9.1	95		0.50	33	2.8	8.90	14.38	6.05
4.0	1536	2.0			0.29	1.7		9.1	9.1	94		0.48	32		8.92	14.38	6.06
4.0	1536	3.0			0.28	1.6		9.0	9.1	94		0.48	32		8.99	14.37	6.11
4.0	1536	4.0			0.27	1.5		9.0	9.0	93		0.43	30		9.27	14.30	6.34
4.0	1536	5.0			0.26	1.5		8.9	9.0	93		0.40	28		9.50	14.26	6.52
4.0	1536	6.0			0.26	1.4		8.9	8.9	93		0.40	28		10.26	14.21	7.12
4.0	1536	7.0			0.27	1.5		8.8	8.9	93		0.43	29		10.41	14.21	7.23
4.0	1536	8.0			0.27	1.5		8.8	8.9	92		0.46	31		10.43	14.21	7.25
4.0	1536	9.0			0.27	1.5		8.8	8.9	92		0.48	32		10.48	14.22	7.28
4.0	1536	10.0			0.27	1.5		8.8	8.9	92		0.51	34		10.58	14.23	7.36
4.0	1536	11.0			0.27	1.5		8.8	8.8	92		0.53	35		10.62	14.23	7.39
4.0	1536	12.0			0.27	1.5		8.8	8.8	92		0.57	37		10.81	14.24	7.53
4.0	1536	13.0			0.26	1.5		8.8	8.8	92		0.60	39		10.85	14.24	7.56
4.0	1536	14.0			0.26	1.5		8.8	8.8	92		0.60	39		10.86	14.24	7.57
4.0	1536	15.0			0.27	1.5		8.8	8.8	92		0.61	40		10.89	14.24	7.59
4.0	1536	16.0			0.27	1.5		8.8	8.8	92		0.63	40		10.89	14.23	7.59
4.0	1536	17.0			0.27	1.5		8.8	8.8	92		0.63	41		10.90	14.23	7.60
4.0	1536	18.0			0.27	1.5		8.8	8.8	92		0.63	40		10.90	14.23	7.61
5.0	1518	1.0			0.27	1.5		9.1	9.2	96		0.38	27	2.4	11.20	14.36	7.81
5.0	1518	2.0			0.27	1.5		9.1	9.1	96		0.43	29		11.63	14.33	8.15
5.0	1518	3.0			0.27	1.5		9.0	9.0	95		0.47	32		12.05	14.30	8.48
5.0	1518	4.0			0.27	1.5		8.9	8.9	94		0.52	34		12.49	14.28	8.81
5.0	1518	5.0			0.27	1.5		8.8	8.9	94		0.57	37		13.30	14.21	9.45

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
5.0	1518	6.0			0.27	1.5		8.8	8.8	94		0.64	41		13.37	14.20	9.50
5.0	1518	7.0			0.28	1.6		8.8	8.8	93		0.70	44		13.40	14.20	9.53
5.0	1518	8.0			0.28	1.6		8.7	8.8	93		0.74	47		13.42	14.20	9.54
5.0	1518	9.0			0.28	1.6		8.7	8.8	93		0.75	47		13.43	14.20	9.55
5.0	1518	10.0			0.28	1.6		8.7	8.8	93		0.76	47		13.42	14.19	9.55
5.0	1518	11.0			0.27	1.6		8.7	8.8	93		0.75	47		13.42	14.19	9.55
5.0	1518	12.0			0.27	1.6		8.7	8.8	93		0.78	49		13.42	14.19	9.55
6.0	1455	1.0			0.26	1.5		8.7	8.8	94		0.32	23	2.0	13.50	14.52	9.55
6.0	1455	2.0	1.1	0.48	0.26	1.4	8.9	8.6	8.7	94	24.3	0.34	24		14.94	14.32	10.69
6.0	1455	3.0			0.26	1.4		8.6	8.7	93		0.47	32		15.44	14.25	11.08
6.0	1455	4.0			0.26	1.5		8.5	8.6	93		0.55	36		15.76	14.21	11.33
6.0	1455	5.0			0.27	1.5		8.5	8.6	93		0.61	39		15.84	14.20	11.40
6.0	1455	6.0			0.27	1.5		8.4	8.5	92		0.63	40		15.87	14.19	11.43
6.0	1455	7.0			0.27	1.5		8.4	8.5	91		0.75	47		16.11	14.12	11.62
6.0	1455	8.0			0.27	1.5		8.3	8.4	91		0.89	55		16.27	14.07	11.75
6.0	1455	9.0			0.27	1.5		8.3	8.4	91		1.00	60		16.35	14.06	11.81
6.0	1455	10.0			0.27	1.5		8.3	8.4	91		1.02	61		16.37	14.06	11.83
6.0	1455	11.0			0.27	1.5		8.3	8.4	91		1.04	63		16.38	14.05	11.84
6.0	1455	12.0	1.2	0.28	0.27	1.5		8.3	8.4	91		1.08	65		16.36	14.06	11.83
7.0	1433	1.0			0.23	1.1		8.1	8.2	91		0.69	44	3.8	19.56	14.09	14.28
7.0	1433	2.0			0.23	1.1		8.1	8.2	90		0.71	45		19.60	14.08	14.31
7.0	1433	3.0			0.23	1.1		8.0	8.2	90		0.68	43		19.85	14.01	14.52
7.0	1433	4.0			0.23	1.1		8.0	8.1	89		0.69	44		20.20	13.94	14.80
7.0	1433	5.0			0.24	1.2		8.0	8.1	89		0.72	45		20.34	13.94	14.90
7.0	1433	6.0			0.24	1.2		7.9	8.1	89		0.75	47		20.39	13.93	14.94
7.0	1433	7.0			0.24	1.2		7.9	8.0	89		0.78	48		20.40	13.93	14.95
7.0	1433	8.0			0.24	1.2		7.9	8.0	89		0.81	50		20.40	13.93	14.95
7.0	1433	9.0			0.24	1.2		7.9	8.0	88		0.82	51		20.40	13.93	14.95
7.0	1433	10.0			0.24	1.2		7.9	8.0	88		0.82	51		20.40	13.93	14.95
7.0	1433	11.0			0.24	1.2		7.9	8.0	88		0.86	53		20.38	13.93	14.94
7.0	1433	12.0			0.24	1.2		7.9	8.0	88		0.89	55		20.38	13.93	14.93
7.0	1433	13.0			0.24	1.2		7.9	8.0	88		1.02	62		20.40	13.93	14.95
7.0	1433	14.0			0.24	1.2		7.9	8.0	88		1.25	74		20.38	13.93	14.94
8.0	1414	1.0			0.22	1.0		8.2	8.3	92		0.54	36	2.6	21.53	13.91	15.82
8.0	1414	2.0			0.22	1.0		8.1	8.2	91		0.62	40		21.82	13.89	16.05
8.0	1414	3.0			0.22	1.0		8.1	8.2	91		0.65	42		21.94	13.88	16.15
8.0	1414	4.0			0.22	1.0		8.1	8.2	91		0.68	43		22.06	13.88	16.23
8.0	1414	5.0			0.22	1.0		8.0	8.2	91		0.69	44		22.13	13.88	16.29
8.0	1414	6.0			0.23	1.1		8.0	8.1	90		0.71	45		22.36	13.87	16.47
8.0	1414	7.0			0.23	1.1		7.9	8.1	90		0.74	47		22.63	13.85	16.68

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
8.0	1414	8.0			0.23	1.1		7.9	8.0	90		0.80	50		22.67	13.84	16.72
8.0	1414	9.0			0.23	1.1		7.9	8.0	90		0.87	54		22.69	13.84	16.73
8.0	1414	10.0			0.23	1.1		7.9	8.0	89		0.91	56		22.72	13.83	16.75
8.0	1414	11.0			0.23	1.2		7.9	8.0	89		0.95	58		22.72	13.83	16.75
8.0	1414	12.0			0.24	1.2		7.9	8.0	89		0.94	57		22.72	13.83	16.75
8.0	1414	13.0			0.24	1.2		7.8	8.0	89		0.94	57		22.72	13.83	16.75
8.0	1414	14.0			0.23	1.1		7.8	8.0	89		0.95	58		22.72	13.83	16.76
8.0	1414	15.0			0.23	1.1		7.9	8.0	89		0.95	58		22.73	13.83	16.76
9.0	1355	1.0			0.22	1.1		8.1	8.3	92		0.47	31	2.8	21.75	14.10	15.96
9.0	1355	2.0	1.1	0.39	0.23	1.1	8.0	8.1	8.2	92	43.4	0.70	44		22.41	14.00	16.48
9.0	1355	3.0			0.23	1.1		8.1	8.2	91		0.70	44		22.46	13.99	16.52
9.0	1355	4.0			0.23	1.1		8.0	8.1	91		0.73	46		22.48	13.98	16.54
9.0	1355	5.0			0.23	1.1		7.9	8.0	90		0.74	46		22.58	13.96	16.62
9.0	1355	6.0			0.23	1.1		7.9	8.0	89		0.76	47		23.24	13.85	17.15
9.0	1355	7.0			0.23	1.2		7.8	8.0	89		0.81	50		23.51	13.82	17.36
9.0	1355	8.0			0.23	1.1		7.8	7.9	89		0.89	55		23.72	13.81	17.53
9.0	1355	9.0			0.23	1.1		7.8	7.9	89		0.93	57		23.67	13.81	17.49
9.0	1355	10.0			0.23	1.2		7.8	7.9	89		0.94	58		23.98	13.80	17.73
9.0	1355	11.0			0.24	1.2		7.7	7.9	89		0.96	59		24.08	13.79	17.81
9.0	1355	12.0			0.24	1.2		7.7	7.9	89		0.98	60		24.09	13.80	17.81
9.0	1355	13.0			0.24	1.2		7.7	7.9	89		1.00	60		24.18	13.80	17.88
9.0	1355	14.0			0.24	1.2		7.7	7.9	88		1.03	62		24.16	13.80	17.87
9.0	1355	15.0			0.24	1.2		7.7	7.9	88		1.01	61		24.15	13.80	17.86
9.0	1355	16.0			0.24	1.2		7.7	7.9	88		1.00	61		24.17	13.80	17.87
9.0	1355	17.0			0.24	1.2		7.7	7.9	88		1.01	61		24.19	13.80	17.89
9.0	1355	18.0			0.24	1.2		7.7	7.9	88		1.03	62		24.28	13.80	17.96
9.0	1355	19.0			0.24	1.3		7.7	7.8	88		1.12	67		24.34	13.80	18.01
9.0	1355	20.0			0.25	1.3		7.7	7.9	88		1.15	69		24.34	13.80	18.00
9.0	1355	21.0			0.25	1.3		7.7	7.8	88		1.18	70		24.35	13.80	18.01
9.0	1355	22.0			0.24	1.2		7.7	7.8	88		1.20	72		24.38	13.80	18.03
9.0	1355	23.0			0.24	1.2		7.7	7.9	88		1.25	74		24.38	13.80	18.03
9.0	1355	24.0			0.24	1.2		7.7	7.8	88		1.25	74		24.38	13.80	18.03
9.0	1355	25.0			0.24	1.2		7.7	7.9	88		1.25	74		24.38	13.80	18.04
9.0	1355	26.0			0.24	1.2		7.7	7.9	88		1.25	74		24.38	13.80	18.04
9.0	1355	27.0			0.24	1.2		7.7	7.9	88		1.24	74		24.38	13.80	18.03
9.0	1355	28.0			0.24	1.2		7.7	7.9	88		1.22	73		24.38	13.80	18.03
9.0	1355	29.0			0.24	1.3		7.7	7.9	88		1.20	71		24.39	13.80	18.05
9.0	1355	30.0			0.24	1.2		7.7	7.9	88		1.18	70		24.45	13.80	18.09
9.0	1355	31.0			0.24	1.3		7.7	7.9	89		1.19	71		24.50	13.80	18.13
9.0	1355	32.0			0.25	1.3		7.7	7.9	88		1.21	72		24.52	13.79	18.14
9.0	1355	33.0			0.24	1.2		7.7	7.9	89		1.23	73		24.52	13.79	18.14
9.0	1355	34.0			0.24	1.2		7.7	7.9	89		1.24	74		24.50	13.80	18.13

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9.0	1355	35.0			0.25	1.3		7.7	7.9	89		1.24	74		24.52	13.79	18.14
9.0	1355	36.0	0.8	0.39	0.24	1.3		7.7	7.8	88		1.24	74		24.54	13.79	18.16
10.0	1340	1.0			0.27	1.6		7.9	8.0	90		0.48	32	2.8	23.26	14.19	17.10
10.0	1340	2.0			0.27	1.5		7.8	8.0	90		0.47	32		23.28	14.17	17.12
10.0	1340	3.0			0.27	1.5		7.8	8.0	90		0.48	32		23.32	14.13	17.15
10.0	1340	4.0			0.27	1.5		7.8	7.9	89		0.50	34		23.34	14.09	17.18
10.0	1340	5.0			0.27	1.5		7.7	7.9	89		0.57	37		23.50	14.02	17.31
10.0	1340	6.0			0.27	1.5		7.7	7.9	88		0.62	40		23.51	14.02	17.33
10.0	1340	7.0			0.27	1.5		7.7	7.8	88		0.65	42		23.52	14.02	17.34
10.0	1340	8.0			0.27	1.5		7.7	7.8	88		0.67	42		23.53	14.01	17.34
10.0	1340	9.0			0.28	1.6		7.6	7.8	88		0.67	42		23.58	14.01	17.38
10.0	1340	10.0			0.27	1.6		7.6	7.7	87		0.74	46		24.02	13.95	17.73
10.0	1340	11.0			0.27	1.5		7.5	7.7	87		0.79	49		24.24	13.92	17.91
10.0	1340	12.0			0.27	1.5		7.5	7.7	87		0.89	55		24.50	13.88	18.12
10.0	1340	13.0			0.26	1.4		7.5	7.7	86		0.96	58		24.84	13.83	18.39
10.0	1340	14.0			0.25	1.3		7.5	7.6	86		1.05	63		25.07	13.80	18.57
10.0	1340	15.0			0.25	1.3		7.5	7.6	86		1.09	65		25.18	13.79	18.66
10.0	1340	16.0			0.25	1.3		7.5	7.6	86		1.09	66		25.17	13.79	18.65
10.0	1340	17.0			0.25	1.3		7.5	7.6	86		1.11	67		25.22	13.78	18.68
11.0	1324	1.0			0.26	1.4		7.9	8.1	91		0.14	13	1.4	21.98	14.59	16.04
11.0	1324	2.0			0.26	1.4		7.9	8.0	90		0.16	15		22.13	14.46	16.18
11.0	1324	3.0			0.26	1.4		7.8	7.9	89		0.22	18		22.38	14.39	16.39
11.0	1324	4.0			0.25	1.3		7.6	7.8	88		0.30	23		22.80	14.26	16.73
11.0	1324	5.0			0.25	1.3		7.6	7.7	87		0.57	37		23.59	13.98	17.40
11.0	1324	6.0			0.25	1.3		7.5	7.7	87		0.67	43		23.89	13.91	17.64
11.0	1324	7.0			0.25	1.3		7.5	7.7	87		0.67	43		24.13	13.89	17.83
11.0	1324	8.0			0.26	1.4		7.5	7.7	87		0.64	41		24.47	13.89	18.08
11.0	1324	9.0			0.26	1.4		7.5	7.7	87		0.62	40		24.59	13.89	18.18
11.0	1324	10.0			0.26	1.4		7.5	7.7	87		0.63	40		24.65	13.89	18.23
11.0	1324	11.0			0.27	1.5		7.5	7.7	87		0.64	41		24.79	13.90	18.33
11.0	1324	12.0			0.27	1.6		7.5	7.7	87		0.66	42		24.84	13.91	18.37
11.0	1324	13.0			0.27	1.5		7.5	7.7	87		0.65	42		24.93	13.93	18.43
12.0	1308	1.0			0.26	1.4		7.7	7.9	90		0.13	13	1.2	26.06	14.12	19.26
12.0	1308	2.0			0.26	1.4		7.6	7.8	89		0.13	13		26.06	14.11	19.27
12.0	1308	3.0			0.26	1.4		7.5	7.7	88		0.13	13		26.22	13.98	19.42
12.0	1308	4.0			0.24	1.3		7.4	7.6	87		0.16	15		26.46	13.85	19.63
12.0	1308	5.0			0.23	1.1		7.4	7.6	86		0.28	21		26.83	13.70	19.94
12.0	1308	6.0			0.23	1.1		7.4	7.6	86		0.41	28		26.88	13.68	19.98
12.0	1308	7.0			0.24	1.2		7.4	7.5	86		0.66	42		26.90	13.68	20.00
12.0	1308	8.0			0.24	1.2		7.3	7.5	86		0.72	45		26.89	13.68	19.99

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12.0	1308	9.0			0.25	1.3		7.3	7.5	86		0.75	47		26.89	13.68	19.99
12.0	1308	10.0			0.25	1.3		7.4	7.6	86		0.75	47		26.89	13.68	19.99
13.0	1248	1.0			0.23	1.2		7.7	7.9	91		0.10	12	1.1	27.23	13.96	20.20
13.0	1248	2.0	1.4	0.67	0.23	1.2		7.5	7.7	88	9.7	0.09	11		27.37	13.85	20.33
13.0	1248	3.0			0.21	0.9		7.5	7.7	88		0.12	13		28.33	13.51	21.14
13.0	1248	4.0			0.21	0.9		7.4	7.6	87		0.26	20		28.50	13.46	21.28
13.0	1248	5.0			0.21	0.9		7.4	7.6	87		0.33	24		28.65	13.43	21.40
13.0	1248	6.0			0.21	0.9		7.4	7.6	87		0.40	28		28.72	13.41	21.45
13.0	1248	7.0			0.22	1.0		7.3	7.5	86		0.48	32		28.79	13.39	21.51
13.0	1248	8.0			0.23	1.1		7.3	7.5	86		0.54	35		28.81	13.39	21.53
13.0	1248	9.0			0.23	1.1		7.3	7.5	86		0.59	38		28.82	13.38	21.53
13.0	1248	10.0	1.1	0.27	0.22	1.0		7.3	7.5	86		0.58	38		28.81	13.39	21.53
14.0	1232	1.0			0.22	1.0		7.4	7.6	87		0.21	18	1.3	28.53	13.64	21.27
14.0	1232	2.0			0.23	1.1		7.3	7.5	86		0.21	17		28.56	13.59	21.30
14.0	1232	3.0			0.23	1.1		7.3	7.5	86		0.22	18		28.65	13.52	21.38
14.0	1232	4.0			0.22	1.0		7.2	7.4	85		0.24	19		28.83	13.45	21.53
14.0	1232	5.0			0.21	0.9		7.1	7.3	84		0.27	21		29.02	13.38	21.69
14.0	1232	6.0			0.21	0.9		7.1	7.3	84		0.29	22		29.15	13.33	21.81
14.0	1232	7.0			0.22	1.0		7.1	7.3	84		0.37	26		29.24	13.31	21.88
14.0	1232	8.0			0.22	1.1		7.1	7.3	84		0.43	29		29.33	13.30	21.95
14.0	1232	9.0			0.23	1.1		7.1	7.3	84		0.47	32		29.36	13.30	21.97
14.0	1232	10.0			0.24	1.2		7.1	7.3	84		0.55	36		29.36	13.30	21.97
14.0	1232	11.0			0.25	1.3		7.0	7.3	83		0.57	37		29.36	13.30	21.97
14.0	1232	12.0			0.25	1.3		7.0	7.3	83		0.58	38		29.36	13.30	21.97
14.0	1232	13.0			0.25	1.3		7.0	7.3	83		0.57	37		29.36	13.30	21.97
14.0	1232	14.0			0.25	1.3		7.0	7.3	83		0.61	39		29.36	13.30	21.97
14.0	1232	15.0			0.25	1.4		7.1	7.3	84		0.63	40		29.36	13.30	21.97
15.0	1207	1.0			0.27	1.5		7.5	7.7	88		0.17	15	1.5	27.66	13.77	20.57
15.0	1207	2.0	1.7	0.66	0.27	1.5	7.6	7.5	7.7	88		0.18	16		27.66	13.72	20.58
15.0	1207	3.0			0.27	1.5		7.5	7.6	88		0.18	16		27.66	13.69	20.58
15.0	1207	4.0			0.24	1.3		7.3	7.5	86		0.19	16		27.79	13.57	20.71
15.0	1207	5.0			0.22	1.0		7.2	7.4	85		0.22	18		28.65	13.40	21.40
15.0	1207	6.0			0.22	1.0		7.2	7.4	85		0.25	20		29.16	13.33	21.81
15.0	1207	7.0			0.23	1.1		7.1	7.3	84		0.26	20		29.67	13.26	22.22
15.0	1207	8.0			0.24	1.2		7.1	7.3	84		0.25	19		29.89	13.22	22.40
15.0	1207	9.0			0.24	1.3		7.1	7.3	84		0.24	19		30.05	13.20	22.52
15.0	1207	10.0			0.26	1.4		7.1	7.3	84		0.24	19		30.15	13.19	22.60
15.0	1207	11.0			0.27	1.6		7.1	7.3	84		0.25	20		30.23	13.17	22.66
15.0	1207	12.0			0.28	1.6		7.1	7.3	84		0.27	21		30.25	13.17	22.69
15.0	1207	13.0			0.27	1.6		7.1	7.3	84		0.28	21		30.25	13.17	22.68

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15.0	1207	14.0			0.28	1.6		7.1	7.3	84		0.29	22		30.32	13.15	22.74
15.0	1207	15.0			0.28	1.6		7.1	7.3	84		0.31	23		30.32	13.15	22.74
15.0	1207	16.0			0.28	1.6		7.1	7.3	84		0.31	23		30.36	13.14	22.78
15.0	1207	17.0			0.27	1.6		7.0	7.3	84		0.32	23		30.39	13.14	22.80
15.0	1207	18.0			0.27	1.5		7.1	7.3	84		0.33	24		30.40	13.14	22.80
15.0	1207	19.0			0.27	1.6		7.0	7.3	84		0.33	24		30.40	13.14	22.80
15.0	1207	20.0			0.27	1.5		7.0	7.3	84		0.33	24		30.39	13.14	22.80
15.0	1207	21.0			0.27	1.5		7.0	7.3	84		0.32	24		30.39	13.14	22.80
15.0	1207	22.0			0.28	1.6		7.1	7.3	84		0.34	25		30.40	13.14	22.81
15.0	1207	23.0			0.28	1.6		7.1	7.3	84		0.34	25		30.40	13.14	22.81
15.0	1207	24.0	2.0	0.49	0.28	1.6		7.1	7.3	84		0.34	25		30.40	13.14	22.81
16.0	1143	1.0			0.25	1.3		7.0	7.2	83		0.11	12	0.8	31.26	12.90	23.51
16.0	1143	2.0			0.25	1.3		7.0	7.2	83		0.12	12		31.26	12.88	23.52
16.0	1143	3.0			0.25	1.3		7.0	7.2	83		0.12	12		31.26	12.88	23.53
16.0	1143	4.0			0.24	1.2		7.0	7.2	83		0.12	13		31.27	12.87	23.53
16.0	1143	5.0			0.24	1.2		7.0	7.2	83		0.12	12		31.28	12.87	23.54
16.0	1143	6.0			0.26	1.4		6.9	7.1	82		0.13	13		31.31	12.85	23.57
16.0	1143	7.0			0.27	1.5		6.9	7.2	82		0.13	13		31.31	12.85	23.57
16.0	1143	8.0			0.26	1.4		6.9	7.1	82		0.14	13		31.31	12.85	23.57
16.0	1143	9.0			0.27	1.5		6.9	7.1	82		0.14	13		31.32	12.85	23.57
16.0	1143	10.0			0.26	1.4		6.9	7.1	82		0.14	14		31.32	12.85	23.57
16.0	1143	11.0			0.25	1.3		6.9	7.1	82		0.15	14		31.32	12.85	23.58
16.0	1143	12.0			0.26	1.4		6.9	7.1	82		0.14	14		31.32	12.85	23.57
16.0	1143	13.0			0.25	1.3		6.9	7.1	82		0.15	14		31.32	12.85	23.57
16.0	1143	14.0			0.24	1.2		6.9	7.1	82		0.14	14		31.32	12.85	23.57
17.0	1123	1.0			0.21	0.9		7.2	7.4	85		0.08	10	0.9	30.34	13.15	22.75
17.0	1123	2.0			0.22	1.0		7.2	7.4	85		0.08	10		30.33	13.19	22.74
17.0	1123	3.0			0.23	1.2		7.1	7.3	84		0.07	10		30.33	13.20	22.74
17.0	1123	4.0			0.24	1.2		7.1	7.3	84		0.07	10		30.39	13.11	22.80
17.0	1123	5.0			0.23	1.1		7.0	7.3	83		0.07	10		30.56	13.03	22.95
17.0	1123	6.0			0.23	1.1		7.0	7.2	83		0.08	10		30.67	13.01	23.04
17.0	1123	7.0			0.22	1.1		6.9	7.2	83		0.08	10		30.76	12.99	23.11
17.0	1123	8.0			0.22	1.0		6.9	7.1	82		0.07	10		31.07	12.90	23.37
17.0	1123	9.0			0.23	1.1		6.9	7.1	82		0.08	10		31.30	12.83	23.56
17.0	1123	10.0			0.24	1.2		6.9	7.1	82		0.10	11		31.34	12.81	23.59
17.0	1123	11.0			0.24	1.2		6.9	7.1	82		0.11	12		31.39	12.80	23.64
17.0	1123	12.0			0.24	1.3		6.9	7.1	82		0.16	15		31.40	12.79	23.64
17.0	1123	13.0			0.24	1.3		6.9	7.1	82		0.20	17		31.39	12.79	23.64
17.0	1123	14.0			0.24	1.2		6.9	7.1	82		0.26	20		31.39	12.79	23.64

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18.0	1103	1.0			0.26	1.4		6.9	7.1	82		0.23	18	1.4	31.90	12.55	24.08
18.0	1103	2.0	2.2	0.48	0.27	1.5	7.2	6.9	7.2	82	20.8	0.21	17		31.90	12.56	24.08
18.0	1103	3.0			0.27	1.6		6.9	7.2	82		0.19	17		31.90	12.55	24.08
18.0	1103	4.0			0.28	1.6		6.9	7.2	82		0.21	17		31.90	12.55	24.08
18.0	1103	5.0			0.27	1.6		6.9	7.1	82		0.24	19		31.90	12.55	24.08
18.0	1103	6.0			0.26	1.5		6.9	7.1	82		0.24	19		31.90	12.55	24.08
18.0	1103	7.0			0.26	1.4		6.9	7.1	82		0.23	19		31.90	12.55	24.08
18.0	1103	8.0			0.26	1.4		6.9	7.1	82		0.22	18		31.90	12.55	24.08
18.0	1103	9.0			0.27	1.5		6.9	7.1	82		0.21	18		31.89	12.55	24.07
18.0	1103	10.0			0.29	1.7		6.9	7.1	82		0.24	19		31.89	12.55	24.07
18.0	1103	11.0			0.30	1.8		6.9	7.1	82		0.26	20		31.89	12.55	24.07
18.0	1103	12.0			0.31	2.0		6.9	7.1	81		0.27	21		31.89	12.55	24.07
18.0	1103	13.0			0.32	2.0		6.8	7.1	81		0.28	21		31.89	12.55	24.07
18.0	1103	14.0			0.31	2.0		6.9	7.1	81		0.27	21		31.89	12.55	24.07
18.0	1103	15.0			0.31	2.0		6.8	7.1	81		0.26	20		31.89	12.55	24.07
18.0	1103	16.0			0.32	2.1		6.9	7.1	81		0.26	20		31.89	12.55	24.08
18.0	1103	17.0			0.34	2.3		6.9	7.1	81		0.26	20		31.89	12.55	24.07
18.0	1103	18.0			0.33	2.1		6.8	7.1	81		0.26	20		31.89	12.55	24.07
18.0	1103	19.0			0.31	1.9		6.9	7.1	81		0.27	21		31.89	12.55	24.08
18.0	1103	20.0			0.30	1.8		6.8	7.1	81		0.26	20		31.89	12.55	24.07
18.0	1103	21.0			0.30	1.9		6.8	7.1	81		0.27	20		31.89	12.55	24.07
18.0	1103	22.0			0.32	2.0		6.8	7.1	81		0.27	21		31.89	12.55	24.07
18.0	1103	23.0			0.32	2.1		6.8	7.1	81		0.28	21		31.89	12.55	24.08
18.0	1103	24.0			0.32	2.0		6.9	7.1	81		0.27	21		31.90	12.55	24.08
18.0	1103	25.0			0.32	2.0		6.9	7.1	81		0.26	20		31.89	12.55	24.07
18.0	1103	26.0			0.32	2.1		6.9	7.1	81		0.28	21		31.89	12.55	24.07
18.0	1103	27.0			0.32	2.0		6.9	7.1	81		0.29	22		31.89	12.55	24.07
18.0	1103	28.0			0.32	2.0		6.9	7.1	82		0.28	21		31.89	12.55	24.07
18.0	1103	29.0			0.32	2.1		6.9	7.1	82		0.29	22		31.89	12.55	24.07
18.0	1103	30.0			0.32	2.0		6.9	7.1	82		0.29	22		31.89	12.55	24.07
18.0	1103	31.0			0.31	1.9		6.9	7.1	82		0.28	21		31.89	12.55	24.07
18.0	1103	32.0			0.31	1.9		6.9	7.1	82		0.27	21		31.89	12.55	24.07
18.0	1103	33.0			0.33	2.1		6.9	7.1	82		0.28	21		31.90	12.55	24.08
18.0	1103	34.0			0.32	2.1		6.9	7.1	82		0.27	21		31.89	12.55	24.08
18.0	1103	35.0			0.31	2.0		6.9	7.1	82		0.27	21		31.89	12.55	24.08
18.0	1103	36.0			0.31	1.9		6.9	7.1	82		0.25	20		31.90	12.55	24.08
18.0	1103	37.0			0.31	1.9		6.9	7.1	82		0.25	19		31.90	12.55	24.08
18.0	1103	38.0			0.30	1.9		6.9	7.1	82		0.25	20		31.90	12.55	24.08
18.0	1103	39.0			0.30	1.9		6.9	7.2	82		0.26	20		31.90	12.55	24.08
18.0	1103	40.0			0.31	2.0		6.9	7.2	82		0.25	20		31.90	12.55	24.08
18.0	1103	41.0			0.32	2.1		6.9	7.2	82		0.25	20		31.90	12.55	24.08
18.0	1103	42.0			0.33	2.1		6.9	7.2	82		0.26	20		31.90	12.55	24.08
18.0	1103	43.0			0.32	2.1		6.9	7.2	82		0.26	20		31.90	12.55	24.08

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
18.0	1103	44.0			0.32	2.1		6.9	7.2	82		0.25	20		31.89	12.55	24.08
20.0	1034	1.0			0.24	1.2		7.4	7.6	87		0.14	13	1.3	31.51	12.82	23.73
20.0	1034	2.0			0.24	1.2		7.3	7.5	87		0.17	15		31.52	12.80	23.74
20.0	1034	3.0			0.24	1.2		7.3	7.5	87		0.19	16		31.52	12.78	23.74
20.0	1034	4.0			0.25	1.3		7.3	7.5	86		0.24	19		31.54	12.77	23.76
20.0	1034	5.0			0.27	1.5		7.3	7.5	86		0.29	22		31.55	12.75	23.77
20.0	1034	6.0			0.27	1.5		7.3	7.5	86		0.31	23		31.56	12.74	23.78
20.0	1034	7.0			0.26	1.4		7.3	7.5	86		0.32	23		31.57	12.74	23.78
20.0	1034	8.0			0.27	1.5		7.3	7.5	86		0.33	24		31.58	12.74	23.79
20.0	1034	9.0			0.29	1.7		7.3	7.4	86		0.36	26		31.58	12.73	23.80
20.0	1034	10.0			0.29	1.7		7.2	7.4	86		0.35	25		31.59	12.73	23.81
20.0	1034	11.0			0.29	1.7		7.3	7.4	86		0.39	27		31.60	12.72	23.81
20.0	1034	12.0			0.30	1.8		7.2	7.4	86		0.53	35		31.58	12.73	23.80
20.0	1034	13.0			0.31	2.0		7.2	7.4	86		0.56	37		31.58	12.73	23.79
20.0	1034	14.0			0.31	2.0		7.2	7.4	86		0.58	37		31.58	12.73	23.79
20.0	1034	15.0			0.33	2.1		7.2	7.4	85		0.57	37		31.58	12.73	23.79
20.0	1034	16.0			0.34	2.3		7.2	7.4	86		0.58	38		31.58	12.73	23.79
20.0	1034	17.0			0.33	2.2		7.2	7.4	85		0.57	37		31.58	12.73	23.80
20.0	1034	18.0			0.32	2.1		7.2	7.4	85		0.55	36		31.58	12.73	23.80
20.0	1034	19.0			0.32	2.1		7.2	7.4	85		0.54	36		31.58	12.73	23.80
20.0	1034	20.0			0.33	2.1		7.2	7.4	86		0.56	37		31.58	12.73	23.80
20.0	1034	21.0			0.36	2.4		7.2	7.4	85		0.54	35		31.58	12.73	23.80
20.0	1034	22.0			0.37	2.6		7.2	7.4	85		0.54	36		31.58	12.73	23.80
20.0	1034	23.0			0.35	2.3		7.2	7.4	85		0.56	36		31.58	12.73	23.80
20.0	1034	24.0			0.32	2.1		7.2	7.4	85		0.57	37		31.58	12.73	23.80
20.0	1034	25.0			0.31	2.0		7.2	7.4	85		0.62	40		31.57	12.74	23.79
20.0	1034	26.0			0.31	2.0		7.2	7.4	85		0.64	41		31.57	12.74	23.79

	n	r^2	Slope	Inter.	Std. Err.
Fluorometer Calibration:	14	0.327	10.393	-1.278	0.363
OBS Calibration:	5	0.979	54.679	5.943	2.311
Dissolved Oxygen Calibration:	6	0.979	0.906	0.879	0.151

SeaBird v4.026

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
33.0	0639	1.0			0.37	2.3		7.2	7.3	84		0.59	34		26.76	14.60	19.72
33.0	0639	2.0			0.37	2.3		7.2	7.3	85		0.62	36		26.91	14.61	19.83
33.0	0639	3.0			0.37	2.3		7.2	7.3	85		0.64	37		27.01	14.63	19.90
33.0	0639	4.0			0.37	2.3		7.2	7.3	85		0.66	38		27.06	14.64	19.93
33.0	0639	5.0			0.37	2.4		7.2	7.3	85		0.68	39		27.21	14.67	20.05
33.0	0639	6.0			0.38	2.4		7.2	7.3	85		0.83	46		27.38	14.69	20.17
33.0	0639	7.0			0.38	2.4		7.2	7.3	85		1.09	59		27.57	14.71	20.31
33.0	0639	8.0			0.39	2.5		7.2	7.3	85		1.31	70		27.68	14.71	20.40
33.0	0639	9.0			0.39	2.5		7.2	7.3	85		1.41	75		27.74	14.72	20.44
33.0	0639	10.0			0.39	2.5		7.2	7.3	85		1.41	75		27.79	14.73	20.48
33.0	0639	11.0			0.38	2.4		7.2	7.3	85		1.40	75		27.90	14.75	20.56
33.0	0639	12.0			0.38	2.4		7.2	7.3	85		1.37	73		28.00	14.76	20.63
32.0	0657	1.0			0.37	2.3		7.0	7.2	84		0.46	27		27.28	14.67	20.10
32.0	0657	2.0	1.7	0.48	0.37	2.3	7.0	7.0	7.2	84	29.3	0.48	28		27.44	14.69	20.22
32.0	0657	3.0			0.37	2.3		7.0	7.2	84		0.58	33		27.66	14.70	20.39
32.0	0657	4.0			0.37	2.3		7.0	7.2	84		0.73	41		27.74	14.70	20.45
32.0	0657	5.0			0.37	2.3		7.0	7.2	84		0.99	54		27.77	14.70	20.47
32.0	0657	6.0			0.37	2.3		7.0	7.2	85		1.13	61		27.81	14.69	20.50
32.0	0657	7.0			0.37	2.3		7.1	7.2	85		1.23	66		27.86	14.69	20.54
32.0	0657	8.0			0.37	2.3		7.1	7.2	85		1.29	69		27.89	14.70	20.56
32.0	0657	9.0			0.38	2.4		7.1	7.2	85		1.36	73		27.95	14.71	20.61
32.0	0657	10.0			0.38	2.4		7.1	7.2	85		1.42	76		27.99	14.72	20.64
32.0	0657	11.0	1.8	0.22	0.38	2.4		7.0	7.2	85		1.46	78		28.04	14.71	20.67
30.0	0724	1.0			0.32	1.9		7.6	7.4	87		0.49	29	2.4	28.70	14.60	21.21
30.0	0724	2.0	1.6	0.44	0.32	1.9	7.2	7.6	7.4	87		0.49	29		28.65	14.60	21.16
30.0	0724	3.0			0.32	1.9		7.5	7.4	87		0.49	29		28.64	14.60	21.16
30.0	0724	4.0			0.33	2.0		7.5	7.4	87		0.48	28		28.69	14.59	21.20
30.0	0724	5.0			0.33	2.0		7.6	7.4	87		0.48	28		28.70	14.58	21.21
30.0	0724	6.0			0.34	2.1		7.6	7.4	87		0.49	29		28.71	14.57	21.22
30.0	0724	7.0			0.34	2.1		7.6	7.4	87		0.49	29		28.92	14.56	21.38
30.0	0724	8.0			0.35	2.1		7.6	7.4	87		0.57	33		29.03	14.55	21.47
30.0	0724	9.0			0.35	2.2		7.6	7.4	87		0.67	38		29.17	14.55	21.58
30.0	0724	10.0			0.36	2.2		7.6	7.4	87		0.92	51		29.22	14.54	21.61
30.0	0724	11.0	2.0	0.24	0.35	2.2		7.6	7.4	87		1.22	65		29.22	14.55	21.62
29.0	0749	1.0			0.32	2.0		7.6	7.5	88		0.23	16	1.5	29.43	14.43	21.80
29.0	0749	2.0			0.32	1.9		7.6	7.5	88		0.23	16		29.43	14.43	21.80
29.0	0749	3.0			0.32	1.9		7.6	7.5	88		0.25	17		29.44	14.44	21.81
29.0	0749	4.0			0.32	1.9		7.6	7.5	88		0.27	18		29.46	14.44	21.82
29.0	0749	5.0			0.32	2.0		7.6	7.5	88		0.28	19		29.47	14.45	21.83
29.0	0749	6.0			0.33	2.0		7.6	7.4	88		0.32	21		29.51	14.45	21.86

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
29.0	0749	7.0			0.35	2.1		7.6	7.4	88		0.37	23		29.52	14.45	21.87
29.0	0749	8.0			0.35	2.2		7.6	7.4	88		0.43	26		29.53	14.45	21.87
29.0	0749	9.0			0.36	2.2		7.6	7.5	88		0.49	29		29.53	14.45	21.87
29.0	0749	10.0			0.37	2.3		7.6	7.4	88		0.54	32		29.54	14.45	21.88
29.0	0749	11.0			0.37	2.3		7.6	7.4	88		0.58	33		29.54	14.45	21.88
29.0	0749	12.0			0.37	2.3		7.6	7.4	88		0.61	35		29.54	14.45	21.88
29.0	0749	13.0			0.37	2.4		7.6	7.4	88		0.64	37		29.54	14.45	21.88
29.0	0749	14.0			0.37	2.4		7.6	7.4	88		0.67	38		29.54	14.45	21.89
27.0	0813	1.0			0.37	2.3		8.0	7.6	89		0.17	13	1.4	29.75	14.32	22.07
27.0	0813	2.0	2.3	0.65	0.37	2.3	7.6	7.9	7.6	89	14.6	0.16	13		29.75	14.32	22.07
27.0	0813	3.0			0.36	2.3		7.9	7.6	89		0.17	13		29.76	14.32	22.08
27.0	0813	4.0			0.35	2.2		7.9	7.6	89		0.17	13		29.77	14.32	22.08
27.0	0813	5.0			0.36	2.2		7.9	7.6	89		0.17	13		29.79	14.33	22.10
27.0	0813	6.0			0.36	2.3		7.9	7.6	89		0.19	14		29.83	14.31	22.13
27.0	0813	7.0			0.36	2.3		7.9	7.6	89		0.22	16		29.85	14.30	22.15
27.0	0813	8.0			0.37	2.4		7.9	7.6	89		0.25	17		29.87	14.29	22.17
27.0	0813	9.0			0.38	2.5		7.9	7.6	89		0.27	18		29.88	14.29	22.18
27.0	0813	10.0			0.39	2.5		7.9	7.6	89		0.29	19		29.89	14.29	22.18
27.0	0813	11.0			0.38	2.5		7.9	7.6	89		0.29	19		29.89	14.28	22.19
27.0	0813	12.0	2.6	0.50	0.39	2.5		7.9	7.6	89		0.31	20		29.89	14.28	22.19
25.0	0843	1.0			0.48	3.2		7.5	7.4	87		0.16	12	1.3	29.93	14.40	22.20
25.0	0843	2.0			0.48	3.2		7.5	7.4	87		0.17	13		29.94	14.38	22.20
25.0	0843	3.0			0.46	3.1		7.5	7.4	87		0.22	15		29.94	14.37	22.20
25.0	0843	4.0			0.45	3.0		7.5	7.4	87		0.22	15		29.94	14.36	22.21
25.0	0843	5.0			0.46	3.1		7.5	7.4	87		0.26	18		29.94	14.36	22.21
25.0	0843	6.0			0.46	3.1		7.5	7.4	87		0.29	19		29.94	14.35	22.21
25.0	0843	7.0			0.47	3.1		7.5	7.4	87		0.30	20		29.94	14.35	22.21
25.0	0843	8.0			0.48	3.2		7.5	7.4	87		0.33	21		29.94	14.35	22.21
24.0	0903	1.0			0.40	2.6		7.1	7.2	85		0.25	17	1.7	30.16	14.28	22.40
24.0	0903	2.0	3.0	0.66	0.40	2.6	7.5	7.1	7.3	85	14.8	0.26	18		30.16	14.27	22.40
24.0	0903	3.0			0.40	2.6		7.1	7.3	85		0.24	16		30.16	14.28	22.40
24.0	0903	4.0			0.39	2.5		7.1	7.3	85		0.24	17		30.17	14.27	22.40
24.0	0903	5.0			0.39	2.5		7.1	7.3	85		0.27	18		30.17	14.27	22.41
24.0	0903	6.0			0.39	2.5		7.1	7.3	85		0.32	20		30.17	14.27	22.41
24.0	0903	7.0			0.41	2.6		7.2	7.3	86		0.37	23		30.17	14.27	22.41
24.0	0903	8.0			0.41	2.7		7.2	7.3	86		0.39	24		30.17	14.27	22.41
24.0	0903	9.0			0.41	2.6		7.2	7.3	86		0.41	25		30.17	14.27	22.41
24.0	0903	10.0	3.1	0.52	0.41	2.6		7.2	7.3	86		0.34	22		30.18	14.26	22.41

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
22.0	0948	1.0			0.25	1.4		6.6	7.0	82		0.11	10	1.4	30.68	13.33	22.99
22.0	0948	2.0			0.26	1.4		6.7	7.1	82		0.30	20		30.70	13.30	23.01
22.0	0948	3.0			0.26	1.4		6.7	7.1	82		0.25	17		30.69	13.31	23.00
22.0	0948	4.0			0.26	1.5		6.7	7.1	82		0.32	21		30.71	13.27	23.02
22.0	0948	5.0			0.27	1.5		6.7	7.1	82		0.44	27		30.79	13.22	23.09
22.0	0948	6.0			0.29	1.6		6.7	7.1	82		0.54	32		30.80	13.22	23.10
22.0	0948	7.0			0.29	1.7		6.7	7.1	82		0.58	34		30.81	13.21	23.11
22.0	0948	8.0			0.30	1.7		6.7	7.1	82		0.64	36		30.85	13.19	23.14
22.0	0948	9.0			0.31	1.8		6.7	7.1	82		0.70	39		30.89	13.18	23.17
22.0	0948	10.0			0.31	1.8		6.7	7.1	82		0.83	46		30.91	13.17	23.19
22.0	0948	11.0			0.31	1.8		6.7	7.1	82		0.87	48		30.92	13.17	23.20
22.0	0948	12.0			0.33	2.0		6.7	7.1	82		0.90	50		30.93	13.16	23.21
22.0	0948	13.0			0.34	2.1		6.7	7.1	82		0.95	52		30.94	13.16	23.22
22.0	0948	14.0			0.34	2.1		6.7	7.1	82		1.04	57		30.96	13.15	23.23
22.0	0948	15.0			0.34	2.1		6.7	7.1	82		1.11	60		30.96	13.15	23.23
22.0	0948	16.0			0.33	2.0		6.7	7.1	82		1.15	62		30.95	13.16	23.23
22.0	0948	17.0			0.34	2.1		6.7	7.1	82		1.20	65		30.95	13.16	23.23
22.0	0948	18.0			0.34	2.1		6.7	7.1	82		1.24	67		30.95	13.16	23.23
21.0	1009	1.0			0.26	1.4		7.2	7.3	84		0.12	11	1.3	30.77	13.25	23.07
21.0	1009	2.0	1.7	0.58	0.27	1.5	7.4	7.2	7.3	84		0.16	12		30.87	13.16	23.17
21.0	1009	3.0			0.25	1.4		7.2	7.3	84		0.22	15		30.88	13.16	23.17
21.0	1009	4.0			0.25	1.4		7.2	7.3	84		0.23	16		30.89	13.15	23.18
21.0	1009	5.0			0.26	1.4		7.2	7.3	84		0.25	17		30.91	13.14	23.19
21.0	1009	6.0			0.26	1.5		7.1	7.3	84		0.28	18		30.91	13.14	23.20
21.0	1009	7.0			0.27	1.5		7.1	7.3	84		0.31	20		30.92	13.13	23.20
21.0	1009	8.0			0.28	1.6		7.1	7.2	84		0.39	24		30.92	13.13	23.21
21.0	1009	9.0			0.29	1.7		7.1	7.2	84		0.40	25		30.91	13.13	23.20
21.0	1009	10.0			0.29	1.6		7.1	7.2	84		0.47	28		30.91	13.13	23.20
21.0	1009	11.0			0.29	1.6		7.1	7.2	84		0.51	30		30.91	13.13	23.20
21.0	1009	12.0			0.28	1.6		7.1	7.2	84		0.52	31		30.92	13.13	23.21
21.0	1009	13.0			0.27	1.5		7.1	7.2	84		0.50	30		30.92	13.13	23.21
21.0	1009	14.0			0.27	1.5		7.1	7.2	84		0.47	28		30.92	13.13	23.21
21.0	1009	15.0			0.27	1.5		7.1	7.2	84		0.46	28		30.91	13.13	23.20
21.0	1009	16.0			0.28	1.6		7.1	7.2	84		0.47	28		30.91	13.13	23.20
21.0	1009	17.0	2.0	0.34	0.29	1.6		7.1	7.2	84		0.47	28		30.91	13.13	23.20

	n	r^2	Slope	Inter.	Std. Err.
Fluorometer Calibration:	10	0.489	8.228	-0.714	0.428
OBS Calibration:	3	0.914	50.159	4.452	3.501
Dissolved Oxygen Calibration:	5	0.416	0.404	4.368	0.207

SeaBird v4.026

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
2.0	1719	1.0			0.24	1.1		9.7	10.3	94		0.63	39		0.07	11.09	0.00
2.0	1719	2.0			0.24	1.2		9.7	10.3	94		0.62	38		0.07	11.00	0.00
2.0	1719	3.0			0.25	1.2		9.7	10.4	94		0.64	40		0.06	10.96	0.00
2.0	1719	4.0			0.25	1.2		9.7	10.4	94		0.71	44		0.07	10.97	0.00
2.0	1719	5.0			0.25	1.2		9.7	10.4	94		0.73	45		0.06	10.96	0.00
2.0	1719	6.0			0.25	1.2		9.7	10.4	94		0.80	49		0.07	10.97	0.00
2.0	1719	7.0			0.25	1.2		9.7	10.4	94		0.80	49		0.06	10.95	0.00
2.0	1719	8.0			0.25	1.2		9.7	10.4	94		0.81	50		0.06	10.93	0.00
2.0	1719	9.0			0.25	1.2		9.8	10.4	94		0.82	51		0.06	10.91	0.00
2.0	1719	10.0			0.25	1.2		9.8	10.4	94		0.85	53		0.06	10.91	0.00
2.0	1719	11.0			0.25	1.2		9.8	10.4	94		0.89	56		0.06	10.90	0.00
3.0	1703	1.0			0.25	1.2		9.7	10.3	94		0.78	48		0.08	11.01	0.00
3.0	1703	2.0	0.9	0.41	0.25	1.2	10.2	9.7	10.3	94	47.7	0.77	48		0.08	11.01	0.00
3.0	1703	3.0			0.26	1.3		9.7	10.3	94		0.83	52		0.08	11.01	0.00
3.0	1703	4.0			0.26	1.3		9.7	10.3	94		0.87	54		0.08	11.00	0.00
3.0	1703	5.0			0.26	1.3		9.7	10.3	94		0.87	54		0.08	11.00	0.00
3.0	1703	6.0			0.26	1.3		9.7	10.3	94		0.88	55		0.08	11.01	0.00
3.0	1703	7.0			0.25	1.2		9.7	10.3	94		0.89	55		0.08	11.01	0.00
3.0	1703	8.0			0.25	1.2		9.7	10.3	94		0.87	54		0.07	10.97	0.00
3.0	1703	9.0			0.25	1.3		9.7	10.3	94		0.91	57		0.07	10.95	0.00
3.0	1703	10.0			0.26	1.3		9.7	10.3	94		0.93	58		0.07	10.95	0.00
3.0	1703	11.0			0.26	1.3		9.7	10.3	94		0.94	59		0.07	10.93	0.00
3.0	1703	12.0	1.2	0.38	0.26	1.3		9.7	10.3	94		1.03	64		0.07	10.92	0.00
4.0	1640	1.0			0.25	1.2		9.9	10.5	95		0.90	56		0.05	10.80	0.00
4.0	1640	2.0			0.25	1.3		9.9	10.5	95		0.97	60		0.05	10.80	0.00
4.0	1640	3.0			0.26	1.3		9.9	10.5	95		1.01	63		0.05	10.80	0.00
4.0	1640	4.0			0.26	1.3		9.9	10.5	95		1.02	64		0.05	10.80	0.00
4.0	1640	5.0			0.26	1.3		9.9	10.5	95		1.03	64		0.05	10.81	0.00
4.0	1640	6.0			0.26	1.3		9.9	10.5	95		1.03	64		0.05	10.81	0.00
4.0	1640	7.0			0.26	1.3		9.9	10.5	95		1.05	66		0.05	10.81	0.00
4.0	1640	8.0			0.26	1.3		9.9	10.5	95		1.08	67		0.05	10.81	0.00
4.0	1640	9.0			0.26	1.3		9.9	10.5	95		1.11	69		0.05	10.81	0.00
4.0	1640	10.0			0.26	1.3		9.9	10.5	95		1.12	70		0.05	10.81	0.00
4.0	1640	11.0			0.26	1.3		9.9	10.5	95		1.13	70		0.05	10.81	0.00
4.0	1640	12.0			0.26	1.3		9.9	10.5	95		1.13	70		0.05	10.82	0.00
4.0	1640	13.0			0.26	1.3		9.9	10.5	95		1.13	71		0.05	10.82	0.00
4.0	1640	14.0			0.27	1.4		9.9	10.5	95		1.17	73		0.05	10.82	0.00
4.0	1640	15.0			0.26	1.3		9.9	10.5	95		1.18	73		0.05	10.82	0.00
4.0	1640	16.0			0.26	1.3		9.9	10.5	95		1.13	70		0.05	10.82	0.00

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
5.0	1620	1.0			0.26	1.3		9.7	10.3	94		0.86	53	4.2	0.07	10.98	0.00
5.0	1620	2.0			0.26	1.3		9.7	10.3	94		0.83	51		0.07	10.98	0.00
5.0	1620	3.0			0.26	1.3		9.7	10.3	94		0.82	51		0.07	10.98	0.00
5.0	1620	4.0			0.26	1.3		9.7	10.3	94		0.84	52		0.07	10.97	0.00
5.0	1620	5.0			0.26	1.3		9.7	10.3	94		0.86	53		0.07	10.97	0.00
5.0	1620	6.0			0.27	1.4		9.7	10.3	94		0.87	54		0.07	10.97	0.00
5.0	1620	7.0			0.27	1.4		9.7	10.3	94		0.90	56		0.07	10.95	0.00
5.0	1620	8.0			0.27	1.4		9.7	10.3	94		0.93	58		0.07	10.94	0.00
5.0	1620	9.0			0.27	1.3		9.7	10.4	94		0.99	62		0.07	10.93	0.00
5.0	1620	10.0			0.27	1.4		9.7	10.4	94		1.03	64		0.07	10.93	0.00
5.0	1620	11.0			0.29	1.5		9.7	10.4	94		1.03	64		0.07	10.93	0.00
5.0	1620	12.0			0.29	1.6		9.7	10.4	94		1.04	65		0.07	10.93	0.00
6.0	1554	1.0			0.25	1.2		9.8	10.4	95		0.64	39	3.2	0.10	11.30	0.00
6.0	1554	2.0	1.0	0.38	0.24	1.2	10.4	9.8	10.4	95	33.6	0.63	39		0.10	11.30	0.00
6.0	1554	3.0			0.24	1.2		9.8	10.4	95		0.62	38		0.10	11.30	0.00
6.0	1554	4.0			0.24	1.2		9.8	10.4	95		0.63	39		0.10	11.30	0.00
6.0	1554	5.0			0.25	1.2		9.8	10.4	95		0.63	39		0.10	11.30	0.00
6.0	1554	6.0			0.25	1.2		9.8	10.4	95		0.64	40		0.10	11.29	0.00
6.0	1554	7.0			0.25	1.2		9.7	10.4	95		0.66	41		0.10	11.29	0.00
6.0	1554	8.0	0.7	0.43	0.25	1.2		9.8	10.4	95		0.67	42		0.10	11.30	0.00
7.0	1525	1.0			0.25	1.2		9.6	10.3	94		0.64	39	3.4	0.12	11.43	0.00
7.0	1525	2.0			0.25	1.2		9.6	10.3	94		0.64	39		0.12	11.43	0.00
7.0	1525	3.0			0.25	1.2		9.6	10.3	94		0.62	38		0.12	11.43	0.00
7.0	1525	4.0			0.26	1.3		9.6	10.3	95		0.61	38		0.12	11.44	0.00
7.0	1525	5.0			0.27	1.3		9.7	10.3	95		0.61	37		0.12	11.43	0.00
7.0	1525	6.0			0.26	1.3		9.6	10.3	95		0.62	38		0.12	11.43	0.00
7.0	1525	7.0			0.26	1.3		9.7	10.3	95		0.62	38		0.12	11.43	0.00
7.0	1525	8.0			0.26	1.3		9.7	10.3	95		0.63	39		0.12	11.43	0.00
7.0	1525	9.0			0.26	1.3		9.7	10.3	95		0.63	39		0.12	11.43	0.00
7.0	1525	10.0			0.26	1.3		9.7	10.3	95		0.64	39		0.12	11.43	0.00
7.0	1525	11.0			0.26	1.3		9.7	10.3	95		0.62	38		0.12	11.43	0.00
7.0	1525	12.0			0.26	1.3		9.7	10.3	95		0.63	39		0.12	11.43	0.00
7.0	1525	13.0			0.26	1.3		9.7	10.3	95		0.64	39		0.12	11.43	0.00
7.0	1525	14.0			0.26	1.3		9.7	10.3	95		0.65	40		0.12	11.43	0.00
8.0	1454	1.0			0.25	1.3		9.8	10.4	95		1.04	64	5.7	0.17	11.38	0.00
8.0	1454	2.0			0.25	1.3		9.8	10.4	95		1.04	65		0.16	11.40	0.00
8.0	1454	3.0			0.26	1.3		9.8	10.4	95		1.02	64		0.16	11.40	0.00
8.0	1454	4.0			0.26	1.3		9.8	10.4	95		0.98	61		0.17	11.39	0.00
8.0	1454	5.0			0.27	1.4		9.8	10.4	95		0.99	61		0.17	11.38	0.00
8.0	1454	6.0			0.27	1.4		9.8	10.4	95		1.01	63		0.17	11.38	0.00

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
8.0	1454	7.0			0.27	1.4		9.8	10.4	95		1.06	66		0.17	11.38	0.00
8.0	1454	8.0			0.27	1.4		9.8	10.4	95		1.09	68		0.17	11.38	0.00
8.0	1454	9.0			0.26	1.3		9.8	10.4	95		1.11	69		0.17	11.38	0.00
8.0	1454	10.0			0.26	1.3		9.8	10.4	95		1.13	70		0.17	11.38	0.00
8.0	1454	11.0			0.26	1.3		9.8	10.4	95		1.13	71		0.17	11.38	0.00
8.0	1454	12.0			0.27	1.4		9.8	10.4	95		1.15	72		0.17	11.38	0.00
8.0	1454	13.0			0.27	1.4		9.8	10.4	95		1.21	75		0.18	11.38	0.00
8.0	1454	14.0			0.28	1.5		9.8	10.4	95		1.23	77		0.18	11.38	0.00
8.0	1454	15.0			0.28	1.5		9.8	10.4	95		1.23	77		0.18	11.38	0.00
9.0	1432	1.0			0.28	1.5		9.6	10.2	94		1.83	115	7.1	0.94	11.44	0.30
9.0	1432	2.0	2.4	0.58	0.29	1.5	10.2	9.6	10.2	94	115.7	1.83	114		0.95	11.44	0.30
9.0	1432	3.0			0.30	1.6		9.6	10.2	94		1.92	120		1.00	11.44	0.34
9.0	1432	4.0			0.30	1.6		9.5	10.2	94		2.01	126		1.03	11.44	0.37
9.0	1432	5.0			0.29	1.6		9.6	10.2	94		2.13	134		1.02	11.44	0.36
9.0	1432	6.0			0.29	1.6		9.5	10.2	94		2.17	136		1.01	11.44	0.35
9.0	1432	7.0			0.29	1.6		9.5	10.2	94		2.17	136		1.01	11.44	0.35
9.0	1432	8.0			0.29	1.6		9.6	10.2	94		2.16	135		0.98	11.44	0.33
9.0	1432	9.0			0.29	1.6		9.6	10.2	94		2.16	135		0.98	11.44	0.33
9.0	1432	10.0			0.29	1.6		9.6	10.2	94		2.12	133		0.97	11.44	0.32
9.0	1432	11.0			0.29	1.5		9.6	10.2	94		2.12	133		0.94	11.44	0.30
9.0	1432	12.0			0.29	1.5		9.6	10.2	94		2.06	129		0.95	11.44	0.30
9.0	1432	13.0			0.29	1.6		9.6	10.2	94		2.06	129		0.95	11.44	0.31
9.0	1432	14.0			0.29	1.6		9.6	10.2	94		2.07	129		0.99	11.44	0.33
9.0	1432	15.0			0.30	1.6		9.6	10.2	94		2.06	129		1.05	11.44	0.38
9.0	1432	16.0			0.30	1.6		9.6	10.2	94		2.20	138		1.08	11.44	0.40
9.0	1432	17.0			0.30	1.6		9.6	10.2	94		2.27	142		1.13	11.44	0.44
9.0	1432	18.0			0.30	1.6		9.6	10.2	95		2.32	146		1.15	11.45	0.46
9.0	1432	19.0			0.30	1.6		9.6	10.2	95		2.28	143		1.19	11.46	0.49
9.0	1432	20.0			0.29	1.6		9.6	10.2	95		2.26	142		1.22	11.46	0.51
9.0	1432	21.0			0.29	1.6		9.6	10.2	95		2.22	139		1.26	11.47	0.55
9.0	1432	22.0			0.29	1.6		9.4	10.1	93		4.83	304		1.24	11.47	0.52
10.0	1414	1.0			0.27	1.4		9.6	10.2	95		1.51	94	6.1	1.57	11.52	0.78
10.0	1414	2.0			0.27	1.4		9.6	10.2	95		1.61	101		1.58	11.51	0.79
10.0	1414	3.0			0.27	1.4		9.6	10.2	95		1.69	106		1.62	11.51	0.82
10.0	1414	4.0			0.28	1.4		9.6	10.2	95		1.73	108		1.71	11.51	0.89
10.0	1414	5.0			0.28	1.5		9.6	10.2	95		1.80	113		2.01	11.53	1.12
10.0	1414	6.0			0.28	1.5		9.5	10.2	95		1.91	120		2.61	11.56	1.58
10.0	1414	7.0			0.27	1.4		9.5	10.2	95		2.00	125		3.14	11.59	1.99
10.0	1414	8.0			0.27	1.4		9.5	10.1	96		2.03	127		3.53	11.61	2.29
10.0	1414	9.0			0.27	1.4		9.4	10.1	96		2.03	127		3.96	11.63	2.63
10.0	1414	10.0			0.28	1.5		9.4	10.1	96		2.07	129		4.16	11.63	2.78

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
10.0	1414	11.0			0.29	1.5		9.4	10.1	95		2.24	140		4.28	11.63	2.87
10.0	1414	12.0			0.29	1.6		9.4	10.1	96		2.58	162		4.54	11.64	3.07
10.0	1414	13.0			0.30	1.6		9.4	10.0	96		2.88	181		4.99	11.66	3.42
10.0	1414	14.0			0.30	1.6		9.3	10.0	96		2.93	184		5.28	11.68	3.64
10.0	1414	15.0			0.30	1.6		9.3	10.0	96		2.88	181		5.61	11.69	3.89
10.0	1414	16.0			0.29	1.6		9.3	10.0	96		2.81	176		5.86	11.71	4.08
10.0	1414	17.0			0.28	1.5		9.3	10.0	96		2.73	171		6.14	11.72	4.30
10.0	1414	18.0			0.28	1.5		9.2	9.9	96		2.61	164		6.57	11.74	4.63
11.0	1347	1.0			0.24	1.1		9.1	9.9	93		0.99	62	4.7	4.20	11.69	2.80
11.0	1347	2.0			0.24	1.2		9.1	9.8	94		1.32	82		4.85	11.69	3.31
11.0	1347	3.0			0.24	1.2		9.1	9.8	94		1.46	91		5.48	11.71	3.79
11.0	1347	4.0			0.25	1.2		9.0	9.7	94		1.54	96		6.63	11.75	4.68
11.0	1347	5.0			0.25	1.2		9.0	9.7	94		1.63	102		7.48	11.78	5.33
11.0	1347	6.0			0.25	1.3		8.9	9.7	94		1.86	116		8.04	11.81	5.76
11.0	1347	7.0			0.26	1.3		8.9	9.6	94		2.09	131		8.56	11.83	6.16
11.0	1347	8.0			0.26	1.3		8.9	9.6	94		2.20	138		8.69	11.83	6.26
11.0	1347	9.0			0.27	1.4		8.9	9.6	94		2.26	141		8.78	11.84	6.33
11.0	1347	10.0			0.28	1.4		8.9	9.6	94		2.31	145		9.08	11.85	6.56
11.0	1347	11.0			0.28	1.4		8.8	9.6	95		2.58	162		9.86	11.89	7.16
11.0	1347	12.0			0.28	1.5		8.8	9.5	94		2.99	187		10.34	11.91	7.52
11.0	1347	13.0			0.28	1.4		8.7	9.5	94		3.11	195		10.60	11.92	7.72
11.0	1347	14.0			0.27	1.4		8.7	9.5	95		3.39	213		10.97	11.93	8.01
12.0	1305	1.0			0.22	1.0		9.0	9.8	95		0.82	51	4.0	7.78	11.80	5.56
12.0	1305	2.0			0.22	1.0		9.0	9.8	95		0.87	54		8.55	11.81	6.16
12.0	1305	3.0			0.22	1.0		8.9	9.7	96		0.90	56		10.22	11.88	7.43
12.0	1305	4.0			0.23	1.0		8.8	9.6	96		1.10	69		11.42	11.93	8.36
12.0	1305	5.0			0.23	1.0		8.7	9.5	96		1.29	81		12.65	11.97	9.30
12.0	1305	6.0			0.22	1.0		8.7	9.5	96		1.38	86		13.76	12.04	10.15
12.0	1305	7.0			0.21	0.9		8.6	9.4	96		1.39	87		14.98	12.09	11.08
12.0	1305	8.0			0.21	0.9		8.5	9.3	97		1.19	74		17.10	12.13	12.71
13.0	1231	1.0			0.18	0.7		9.0	9.7	96		0.36	22	2.1	9.02	12.05	6.48
13.0	1231	2.0	0.7	0.35	0.18	0.7	9.8	8.9	9.7	96	17.9	0.34	21		10.24	11.95	7.44
13.0	1231	3.0			0.18	0.7		8.8	9.6	96		0.33	20		12.62	11.94	9.28
13.0	1231	4.0			0.18	0.7		8.8	9.6	97		0.34	21		14.20	11.98	10.49
13.0	1231	5.0			0.18	0.6		8.6	9.4	97		0.36	22		16.78	12.08	12.47
13.0	1231	6.0			0.17	0.6		8.5	9.3	97		0.33	20		18.13	12.14	13.51
13.0	1231	7.0			0.17	0.6		8.5	9.3	98		0.30	18		18.68	12.16	13.92
13.0	1231	8.0			0.18	0.6		8.3	9.2	98		0.32	19		20.20	12.22	15.09
13.0	1231	9.0	1.0	0.23	0.18	0.6		8.3	9.1	98		0.45	28		21.17	12.25	15.83

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14.0	1208	1.0			0.20	0.8		9.0	9.8	96		0.29	17	1.7	9.52	11.85	6.89
14.0	1208	2.0			0.20	0.8		9.1	9.8	97		0.26	16		10.31	11.75	7.52
14.0	1208	3.0			0.19	0.8		9.0	9.7	97		0.24	14		11.83	11.79	8.69
14.0	1208	4.0			0.19	0.8		8.9	9.6	97		0.32	19		13.62	11.88	10.06
14.0	1208	5.0			0.20	0.8		8.8	9.6	98		0.83	52		15.41	11.99	11.43
14.0	1208	6.0			0.18	0.7		8.6	9.4	98		0.76	47		18.39	12.10	13.71
14.0	1208	7.0			0.17	0.6		8.5	9.3	98		0.52	32		19.75	12.15	14.76
14.0	1208	8.0			0.17	0.6		8.4	9.2	98		0.38	23		20.82	12.18	15.57
14.0	1208	9.0			0.17	0.6		8.3	9.2	98		0.32	19		21.44	12.20	16.05
14.0	1208	10.0			0.18	0.6		8.3	9.1	98		0.36	22		22.27	12.23	16.69
14.0	1208	11.0			0.18	0.6		8.2	9.1	98		0.40	25		22.73	12.24	17.04
14.0	1208	12.0			0.18	0.7		8.2	9.1	98		0.43	26		23.06	12.24	17.29
14.0	1208	13.0			0.19	0.8		8.2	9.1	98		0.54	33		23.15	12.25	17.37
14.0	1208	14.0			0.19	0.8		8.2	9.1	98		0.80	50		23.19	12.25	17.39
15.0	1143	1.0			0.19	0.7		8.9	9.7	96		0.34	21	2.0	11.36	11.82	8.32
15.0	1143	2.0	0.7	0.31	0.19	0.8	9.6	8.8	9.6	96	25.8	0.35	21		12.56	11.85	9.24
15.0	1143	3.0			0.19	0.8		8.7	9.5	96		0.40	25		13.52	11.87	9.98
15.0	1143	4.0			0.20	0.8		8.7	9.5	96		0.44	27		13.87	11.83	10.27
15.0	1143	5.0			0.20	0.8		8.8	9.6	97		0.45	27		14.25	11.83	10.56
15.0	1143	6.0			0.20	0.8		8.8	9.5	97		0.35	22		14.57	11.89	10.80
15.0	1143	7.0			0.20	0.8		8.8	9.5	97		0.28	17		14.92	11.92	11.06
15.0	1143	8.0			0.20	0.8		8.7	9.5	97		0.24	15		15.34	11.95	11.38
15.0	1143	9.0			0.20	0.8		8.7	9.5	97		0.25	15		15.70	11.97	11.66
15.0	1143	10.0			0.20	0.8		8.7	9.5	97		0.26	15		15.94	11.98	11.84
15.0	1143	11.0			0.21	0.9		8.6	9.4	98		0.36	22		16.98	12.05	12.63
15.0	1143	12.0			0.22	1.0		8.4	9.3	97		0.94	59		19.33	12.14	14.43
15.0	1143	13.0			0.23	1.0		8.4	9.2	98		1.18	74		20.09	12.16	15.02
15.0	1143	14.0			0.23	1.0		8.3	9.2	98		1.25	78		20.89	12.18	15.63
15.0	1143	15.0			0.22	1.0		8.3	9.1	97		1.31	82		21.43	12.19	16.04
15.0	1143	16.0			0.22	1.0		8.2	9.1	97		1.26	79		21.90	12.19	16.41
15.0	1143	17.0			0.23	1.0		8.2	9.1	97		1.22	76		22.10	12.19	16.57
15.0	1143	18.0			0.22	1.0		8.2	9.1	97		1.16	73		22.25	12.18	16.68
15.0	1143	19.0			0.23	1.0		8.2	9.1	97		1.15	72		22.40	12.18	16.80
15.0	1143	20.0			0.23	1.1		8.2	9.1	98		1.11	69		22.57	12.18	16.93
16.0	1105	1.0			0.19	0.7		8.7	9.5	94		0.29	18	2.0	11.39	11.69	8.36
16.0	1105	2.0			0.19	0.7		8.7	9.5	97		0.28	17		15.36	11.78	11.42
16.0	1105	3.0			0.18	0.6		8.3	9.1	97		0.24	14		21.28	12.06	15.95
16.0	1105	4.0			0.17	0.6		8.1	9.0	97		0.23	14		22.75	12.12	17.07
16.0	1105	5.0			0.18	0.6		8.1	9.0	97		0.24	14		23.11	12.13	17.35
16.0	1105	6.0			0.18	0.7		8.1	9.0	97		0.24	14		23.35	12.14	17.54
16.0	1105	7.0			0.19	0.7		8.1	9.0	97		0.26	16		23.97	12.15	18.01

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16.0	1105	8.0			0.19	0.8		8.0	8.9	97		0.27	16		24.19	12.15	18.19
16.0	1105	9.0			0.19	0.8		8.0	8.9	97		0.30	18		24.20	12.16	18.19
16.0	1105	10.0			0.20	0.8		8.0	8.9	97		0.30	18		24.23	12.16	18.22
16.0	1105	11.0			0.20	0.8		8.0	8.9	97		0.31	19		24.28	12.16	18.25
16.0	1105	12.0			0.20	0.8		8.0	8.9	97		0.32	20		24.37	12.16	18.32
16.0	1105	13.0			0.20	0.8		8.0	8.9	97		0.35	21		24.58	12.17	18.48
16.0	1105	14.0			0.21	0.9		8.0	8.9	97		0.39	24		24.88	12.18	18.71
16.0	1105	15.0			0.21	0.9		8.0	8.9	97		0.50	31		25.58	12.20	19.25
17.0	1041	1.0			0.19	0.8		8.8	9.6	98		0.19	11	1.5	15.89	11.89	11.81
17.0	1041	2.0			0.19	0.8		8.7	9.5	99		0.17	10		17.53	11.95	13.07
17.0	1041	3.0			0.19	0.7		8.5	9.3	99		0.17	10		20.91	12.09	15.66
17.0	1041	4.0			0.19	0.7		8.4	9.3	99		0.17	10		21.95	12.12	16.46
17.0	1041	5.0			0.19	0.7		8.4	9.2	99		0.17	10		22.41	12.14	16.81
17.0	1041	6.0			0.20	0.8		8.4	9.2	99		0.16	9		22.70	12.14	17.03
17.0	1041	7.0			0.21	0.9		8.3	9.2	99		0.16	10		23.12	12.15	17.36
17.0	1041	8.0			0.21	0.9		8.3	9.1	99		0.16	10		23.92	12.16	17.97
17.0	1041	9.0			0.21	0.9		8.2	9.1	99		0.16	9		25.15	12.18	18.92
17.0	1041	10.0			0.22	0.9		8.1	9.0	99		0.16	9		27.06	12.20	20.40
17.0	1041	11.0			0.22	1.0		8.1	8.9	100		0.19	11		27.97	12.20	21.10
17.0	1041	12.0			0.23	1.1		8.0	8.9	100		0.21	13		28.04	12.20	21.16
17.0	1041	13.0			0.23	1.1		8.0	8.9	100		0.25	15		28.27	12.20	21.33
18.0	1015	1.0			0.20	0.8		8.3	9.1	97		0.10	5	1.0	21.86	11.90	16.42
18.0	1015	2.0	1.0	0.57	0.20	0.8	9.1	8.2	9.1	97	7.8	0.10	5		21.90	11.90	16.45
18.0	1015	3.0			0.20	0.8		8.2	9.1	97		0.10	5		21.87	11.90	16.43
18.0	1015	4.0			0.20	0.8		8.2	9.1	97		0.10	6		21.92	11.90	16.47
18.0	1015	5.0			0.20	0.9		8.3	9.1	97		0.10	5		21.95	11.90	16.50
18.0	1015	6.0			0.20	0.8		8.3	9.1	97		0.10	6		22.08	11.91	16.59
18.0	1015	7.0			0.20	0.8		8.2	9.1	97		0.10	6		22.31	11.95	16.76
18.0	1015	8.0			0.20	0.8		8.2	9.1	97		0.11	6		22.37	11.96	16.81
18.0	1015	9.0			0.20	0.8		8.3	9.1	98		0.11	6		22.24	11.94	16.71
18.0	1015	10.0			0.20	0.8		8.2	9.1	98		0.11	6		22.67	12.00	17.04
18.0	1015	11.0			0.20	0.8		8.2	9.1	98		0.12	7		23.15	12.05	17.40
18.0	1015	12.0			0.21	0.9		8.2	9.0	98		0.13	7		24.14	12.15	18.15
18.0	1015	13.0			0.22	0.9		8.1	9.0	98		0.14	8		24.51	12.17	18.43
18.0	1015	14.0			0.23	1.0		8.1	9.0	98		0.15	8		24.56	12.18	18.47
18.0	1015	15.0			0.23	1.0		8.1	9.0	98		0.15	9		24.83	12.18	18.67
18.0	1015	16.0			0.23	1.0		8.1	8.9	98		0.16	9		25.17	12.18	18.94
18.0	1015	17.0			0.23	1.0		8.0	8.9	98		0.16	9		25.27	12.18	19.02
18.0	1015	18.0			0.22	1.0		8.0	8.9	98		0.16	9		25.40	12.17	19.11
18.0	1015	19.0			0.22	1.0		8.0	8.9	98		0.16	9		25.85	12.14	19.47
18.0	1015	20.0			0.22	1.0		8.0	8.9	98		0.16	9		25.86	12.14	19.48

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18.0	1015	21.0			0.23	1.1		8.0	8.9	98		0.16	9		25.90	12.14	19.51
18.0	1015	22.0			0.23	1.0		8.0	8.9	98		0.16	9		26.08	12.13	19.65
18.0	1015	23.0			0.22	1.0		8.0	8.9	98		0.15	9		26.17	12.12	19.73
18.0	1015	24.0			0.22	1.0		8.0	8.9	98		0.15	9		26.18	12.12	19.73
18.0	1015	25.0			0.23	1.0		8.0	8.9	98		0.16	9		26.19	12.12	19.74
18.0	1015	26.0			0.22	1.0		8.0	8.9	98		0.15	9		26.19	12.12	19.74
18.0	1015	27.0			0.21	0.9		8.0	8.9	98		0.15	9		26.23	12.11	19.77
18.0	1015	28.0			0.22	1.0		8.0	8.9	98		0.15	9		26.30	12.11	19.82
18.0	1015	29.0			0.22	1.0		8.0	8.9	98		0.15	9		26.39	12.11	19.90
18.0	1015	30.0			0.22	1.0		8.0	8.9	98		0.14	8		26.44	12.11	19.93
18.0	1015	31.0			0.22	1.0		8.0	8.9	98		0.14	8		26.49	12.11	19.97
18.0	1015	32.0			0.21	0.9		8.0	8.9	98		0.13	8		26.54	12.11	20.01
18.0	1015	33.0			0.20	0.8		8.0	8.9	98		0.13	8		26.60	12.11	20.06
18.0	1015	34.0			0.21	0.9		8.0	8.9	98		0.14	8		26.66	12.10	20.10
18.0	1015	35.0			0.22	1.0		8.0	8.9	98		0.17	10		26.66	12.10	20.11
18.0	1015	36.0			0.24	1.1		8.0	8.9	98		0.18	11		27.28	12.09	20.59
18.0	1015	37.0			0.26	1.3		8.0	8.9	99		0.23	14		27.99	12.10	21.13
18.0	1015	38.0			0.25	1.3		8.0	8.9	99		0.38	23		28.49	12.11	21.52
18.0	1015	39.0			0.25	1.2		7.9	8.8	99		0.38	23		28.89	12.11	21.83
18.0	1015	40.0			0.25	1.2		7.9	8.8	99		0.35	21		29.18	12.12	22.05
18.0	1015	41.0			0.25	1.2		7.9	8.8	99		0.31	19		29.28	12.12	22.13
18.0	1015	42.0			0.25	1.2		7.9	8.8	99		0.31	19		29.33	12.12	22.17
20.0	1000	1.0			0.20	0.8		8.3	9.1	98		0.10	5	1.2	22.45	12.18	16.84
20.0	1000	2.0			0.20	0.8		8.3	9.1	98		0.10	6		22.86	12.22	17.15
20.0	1000	3.0			0.20	0.8		8.2	9.1	98		0.10	6		23.15	12.24	17.37
20.0	1000	4.0			0.20	0.8		8.3	9.1	99		0.10	6		23.32	12.25	17.49
20.0	1000	5.0			0.21	0.9		8.2	9.1	99		0.10	6		23.81	12.31	17.86
20.0	1000	6.0			0.21	0.9		8.2	9.0	99		0.11	6		24.29	12.35	18.23
20.0	1000	7.0			0.21	0.9		8.1	9.0	99		0.13	7		24.58	12.38	18.44
20.0	1000	8.0			0.21	0.9		8.1	9.0	98		0.15	9		24.69	12.39	18.53
20.0	1000	9.0			0.21	0.9		8.1	9.0	98		0.17	10		24.84	12.40	18.65
20.0	1000	10.0			0.22	1.0		8.1	9.0	98		0.20	12		24.86	12.39	18.67
20.0	1000	11.0			0.22	1.0		8.1	9.0	98		0.21	12		24.87	12.39	18.67
20.0	1000	12.0			0.23	1.0		8.1	9.0	98		0.21	13		24.92	12.39	18.71
20.0	1000	13.0			0.23	1.0		8.0	8.9	98		0.22	13		25.17	12.38	18.90
20.0	1000	14.0			0.23	1.0		8.0	8.9	98		0.24	14		25.39	12.37	19.07
20.0	1000	15.0			0.23	1.0		8.0	8.9	98		0.26	16		25.66	12.35	19.28
20.0	1000	16.0			0.23	1.0		8.0	8.9	98		0.32	19		25.68	12.35	19.31
20.0	1000	17.0			0.23	1.1		8.0	8.9	98		0.33	20		25.79	12.34	19.39
20.0	1000	18.0			0.23	1.1		8.0	8.9	98		0.36	22		25.84	12.34	19.43
20.0	1000	19.0			0.24	1.2		8.0	8.9	98		0.39	24		25.84	12.34	19.43
20.0	1000	20.0			0.24	1.2		8.0	8.9	98		0.41	25		25.90	12.33	19.47

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

	n	r^2	Slope	Inter.	Std. Err.
Fluorometer Calibration:	9	0.377	8.030	-0.784	0.438
OBS Calibration:	6	0.992	62.965	-0.781	3.995
Dissolved Oxygen Calibration:	6	0.986	0.840	2.186	0.068

SeaBird v4.026

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
36.0	0622	1.0			0.28	1.5		7.4	8.4	93		0.83	54		25.88	12.45	19.44
36.0	0622	2.0	1.1	0.27	0.28	1.6	8.3	7.4	8.4	93	55.2	0.85	55		26.22	12.56	19.68
36.0	0622	3.0			0.29	1.6		7.3	8.3	93		0.88	57		26.31	12.59	19.74
36.0	0622	4.0			0.29	1.6		7.3	8.3	92		0.93	60		26.36	12.59	19.78
36.0	0622	5.0			0.29	1.6		7.3	8.3	92		0.98	64		26.35	12.59	19.78
36.0	0622	6.0			0.29	1.6		7.3	8.3	92		1.01	65		26.35	12.59	19.78
36.0	0622	7.0			0.29	1.6		7.3	8.3	92		1.02	66		26.35	12.59	19.78
36.0	0622	8.0	1.2	0.21	0.29	1.6		7.3	8.3	92		1.04	67		26.36	12.59	19.79
34.0	0646	1.0			0.26	1.4		7.2	8.2	92		0.48	32		26.89	12.59	20.19
34.0	0646	2.0			0.27	1.5		7.2	8.2	92		0.46	31		27.00	12.69	20.26
34.0	0646	3.0			0.27	1.5		7.1	8.2	92		0.52	34		27.03	12.74	20.28
34.0	0646	4.0			0.28	1.5		7.1	8.2	92		0.58	38		27.11	12.78	20.33
34.0	0646	5.0			0.28	1.5		7.1	8.2	92		0.66	43		27.14	12.78	20.35
34.0	0646	6.0			0.28	1.5		7.1	8.2	92		0.76	50		27.15	12.77	20.36
34.0	0646	7.0			0.28	1.5		7.1	8.2	92		0.81	53		27.18	12.78	20.39
34.0	0646	8.0			0.28	1.5		7.1	8.2	92		0.91	59		27.19	12.78	20.39
32.0	0708	1.0			0.25	1.4		7.2	8.2	92		0.28	20		27.57	12.65	20.71
32.0	0708	2.0	1.3	0.45	0.25	1.4	8.3	7.2	8.2	92	18.4	0.28	20		27.60	12.67	20.73
32.0	0708	3.0			0.25	1.4		7.2	8.3	93		0.28	20		27.64	12.73	20.75
32.0	0708	4.0			0.26	1.4		7.2	8.3	93		0.29	20		27.77	12.85	20.83
32.0	0708	5.0			0.26	1.4		7.2	8.2	93		0.30	21		27.94	12.90	20.95
32.0	0708	6.0			0.26	1.5		7.2	8.2	93		0.34	23		27.98	12.91	20.98
32.0	0708	7.0			0.27	1.5		7.2	8.2	93		0.40	27		27.98	12.91	20.98
32.0	0708	8.0			0.27	1.5		7.1	8.2	93		0.47	31		27.98	12.91	20.98
32.0	0708	9.0			0.28	1.5		7.1	8.2	93		0.51	34		27.98	12.91	20.98
32.0	0708	10.0			0.28	1.5		7.1	8.2	93		0.57	38		27.98	12.91	20.98
32.0	0708	11.0			0.29	1.6		7.1	8.2	93		0.62	41		27.98	12.91	20.98
32.0	0708	12.0			0.29	1.6		7.1	8.2	93		0.65	43		27.98	12.91	20.98
32.0	0708	13.0	1.5	0.27	0.29	1.6		7.1	8.2	93		0.79	51		27.98	12.92	20.98
30.0	0735	1.0			0.27	1.5		7.6	8.5	95		0.13	10	1.2	27.59	12.66	20.73
30.0	0735	2.0	1.8	0.62	0.27	1.5	8.5	7.6	8.5	95	10.9	0.14	11		27.66	12.68	20.77
30.0	0735	3.0			0.26	1.4		7.6	8.5	95		0.15	11		27.69	12.69	20.80
30.0	0735	4.0			0.25	1.4		7.6	8.5	95		0.15	11		27.83	12.73	20.90
30.0	0735	5.0			0.26	1.4		7.6	8.5	95		0.16	12		27.92	12.77	20.96
30.0	0735	6.0			0.26	1.5		7.5	8.4	95		0.17	13		28.02	12.82	21.03
30.0	0735	7.0			0.27	1.5		7.5	8.4	95		0.19	14		28.06	12.83	21.05
30.0	0735	8.0			0.26	1.5		7.5	8.4	95		0.20	15		28.10	12.84	21.08
30.0	0735	9.0			0.26	1.5		7.5	8.4	95		0.21	15		28.12	12.85	21.10
30.0	0735	10.0			0.28	1.5		7.5	8.4	95		0.22	16		28.13	12.85	21.11
30.0	0735	11.0			0.28	1.5		7.4	8.4	95		0.23	16		28.14	12.85	21.12

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
30.0	0735	12.0			0.26	1.5		7.4	8.4	95		0.24	17		28.15	12.85	21.12
30.0	0735	13.0	1.5	0.42	0.27	1.5		7.4	8.4	95		0.27	19		28.15	12.85	21.12
29.0	0757	1.0			0.29	1.6		8.0	8.7	97		0.13	10	1.2	26.78	12.59	20.11
29.0	0757	2.0			0.29	1.6		8.0	8.7	97		0.14	11		26.87	12.64	20.17
29.0	0757	3.0			0.28	1.5		8.0	8.7	97		0.15	11		27.03	12.69	20.29
29.0	0757	4.0			0.28	1.5		7.9	8.7	97		0.16	12		27.25	12.75	20.45
29.0	0757	5.0			0.28	1.5		7.8	8.6	97		0.16	12		27.44	12.76	20.59
29.0	0757	6.0			0.28	1.5		7.8	8.6	97		0.17	13		27.56	12.68	20.69
29.0	0757	7.0			0.29	1.6		7.9	8.7	97		0.20	14		27.69	12.66	20.80
29.0	0757	8.0			0.29	1.6		7.9	8.7	98		0.24	17		27.89	12.78	20.93
29.0	0757	9.0			0.29	1.6		7.8	8.6	97		0.26	18		27.99	12.85	21.00
29.0	0757	10.0			0.30	1.6		7.8	8.6	97		0.25	18		28.00	12.85	21.01
29.0	0757	11.0			0.30	1.6		7.8	8.6	97		0.24	17		28.00	12.85	21.01
29.0	0757	12.0			0.30	1.6		7.8	8.6	97		0.24	17		28.00	12.85	21.01
29.0	0757	13.0			0.30	1.6		7.8	8.6	97		0.24	17		28.02	12.85	21.02
29.0	0757	14.0			0.30	1.6		7.8	8.6	97		0.25	18		28.03	12.85	21.03
29.0	0757	15.0			0.29	1.6		7.8	8.6	97		0.28	19		28.04	12.85	21.03
29.0	0757	16.0			0.29	1.6		7.8	8.6	97		0.30	21		28.04	12.85	21.04
27.0	0820	1.0			0.25	1.4		8.0	8.7	96		0.09	8	1.3	24.57	12.49	18.42
27.0	0820	2.0	1.3	0.57	0.25	1.4	8.7	8.0	8.7	96	9.8	0.10	8		25.11	12.55	18.83
27.0	0820	3.0			0.25	1.4		8.0	8.7	96		0.12	9		25.67	12.59	19.25
27.0	0820	4.0			0.26	1.4		8.0	8.7	97		0.14	11		26.12	12.64	19.59
27.0	0820	5.0			0.26	1.4		7.9	8.7	97		0.17	13		26.43	12.68	19.82
27.0	0820	6.0			0.25	1.4		7.9	8.7	97		0.19	14		26.72	12.75	20.04
27.0	0820	7.0			0.26	1.4		7.9	8:6	97		0.18	13		26.78	12.73	20.09
27.0	0820	8.0			0.27	1.5		7.9	8.7	97		0.18	13		26.98	12.68	20.25
27.0	0820	9.0			0.28	1.5		7.9	8.6	97		0.21	15		27.32	12.73	20.50
27.0	0820	10.0			0.30	1.6		7.8	8.6	97		0.27	19		27.49	12.76	20.63
27.0	0820	11.0			0.31	1.7		7.8	8.6	97		0.33	23		27.57	12.77	20.69
27.0	0820	12.0	2.1	0.41	0.31	1.6		7.8	8.6	97		0.40	27		27.61	12.78	20.72
25.0	0846	1.0			0.22	1.3		8.1	8.8	96		0.12	10	1.2	23.83	12.50	17.85
25.0	0846	2.0			0.22	1.3		8.1	8.8	96		0.12	10		23.86	12.50	17.87
25.0	0846	3.0			0.22	1.3		8.1	8.8	96		0.12	10		23.88	12.51	17.88
25.0	0846	4.0			0.22	1.3		8.1	8.8	96		0.13	10		23.96	12.52	17.94
25.0	0846	5.0			0.22	1.3		8.1	8.8	97		0.13	10		24.24	12.55	18.16
25.0	0846	6.0			0.23	1.3		8.1	8.8	97		0.14	11		24.68	12.59	18.49
25.0	0846	7.0			0.24	1.3		8.1	8.8	97		0.18	13		25.06	12.63	18.77
25.0	0846	8.0			0.25	1.4		8.0	8.8	97		0.29	20		25.13	12.64	18.82
25.0	0846	9.0			0.25	1.4		8.0	8.8	97		0.37	25		25.13	12.64	18.83

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
24.0	0901	1.0			0.23	1.3		8.1	8.8	96		0.10	8	1.2	23.38	12.46	17.50
24.0	0901	2.0	1.2	0.60	0.22	1.3		8.1	8.8	96	7.5	0.10	8		23.50	12.47	17.60
24.0	0901	3.0			0.21	1.3		8.1	8.8	96		0.10	9		23.50	12.47	17.60
24.0	0901	4.0			0.21	1.3		8.1	8.8	96		0.11	9		23.50	12.47	17.59
24.0	0901	5.0			0.21	1.2		8.1	8.8	96		0.12	9		23.59	12.48	17.66
24.0	0901	6.0			0.21	1.3		8.1	8.8	96		0.12	9		24.03	12.54	18.00
24.0	0901	7.0			0.22	1.3		8.1	8.8	96		0.14	11		24.42	12.57	18.29
24.0	0901	8.0			0.23	1.3		8.0	8.8	96		0.17	13		24.60	12.59	18.42
24.0	0901	9.0			0.24	1.4		8.0	8.7	96		0.24	17		24.69	12.60	18.50
24.0	0901	10.0			0.25	1.4		8.0	8.7	96		0.31	21		24.72	12.60	18.52
24.0	0901	11.0	1.4	0.38	0.25	1.4		8.0	8.7	96		0.37	25		24.73	12.61	18.53
22.0	0932	1.0			0.27	1.5		8.4	9.0	95		0.08	7	1.0	21.48	11.89	16.13
22.0	0932	2.0			0.26	1.5		8.3	8.9	96		0.09	7		22.43	12.11	16.83
22.0	0932	3.0			0.24	1.4		8.3	8.9	96		0.09	7		23.03	12.23	17.28
22.0	0932	4.0			0.22	1.3		8.2	8.8	96		0.09	8		23.76	12.40	17.81
22.0	0932	5.0			0.22	1.3		8.1	8.8	96		0.11	9		23.91	12.40	17.93
22.0	0932	6.0			0.22	1.3		8.1	8.8	96		0.13	10		24.14	12.41	18.10
22.0	0932	7.0			0.22	1.3		8.1	8.8	96		0.19	14		24.47	12.46	18.35
22.0	0932	8.0			0.24	1.4		8.0	8.8	96		0.33	22		24.60	12.49	18.45
22.0	0932	9.0			0.26	1.5		8.0	8.7	96		0.60	40		24.72	12.52	18.53
22.0	0932	10.0			0.28	1.5		8.0	8.7	96		0.98	64		24.76	12.53	18.56
22.0	0932	11.0			0.29	1.6		8.0	8.7	96		1.09	70		24.80	12.54	18.59
22.0	0932	12.0			0.31	1.6		8.0	8.7	96		1.31	84		24.86	12.55	18.63
22.0	0932	13.0			0.31	1.7		7.9	8.7	96		1.54	99		24.89	12.55	18.66
22.0	0932	14.0			0.32	1.7		7.9	8.7	96		1.56	100		24.88	12.55	18.65
22.0	0932	15.0			0.33	1.7		7.9	8.7	96		1.67	107		24.90	12.55	18.67
22.0	0932	16.0			0.33	1.7		7.9	8.7	95		1.78	113		24.92	12.55	18.68
22.0	0932	17.0			0.33	1.7		7.9	8.7	95		1.78	114		24.93	12.55	18.69
22.0	0932	18.0			0.33	1.7		7.9	8.7	95		1.84	117		24.93	12.55	18.69
22.0	0932	19.0			0.33	1.8		7.9	8.7	95		1.93	123		24.94	12.56	18.69
21.0	0945	1.0			0.25	1.4		8.2	8.9	96		0.11	9	1.1	23.64	12.26	17.74
21.0	0945	2.0	1.7	0.63	0.24	1.4	8.8	8.2	8.9	96	8.4	0.10	8		23.76	12.31	17.82
21.0	0945	3.0			0.23	1.3		8.2	8.8	96		0.10	9		23.92	12.36	17.94
21.0	0945	4.0			0.23	1.3		8.2	8.8	96		0.13	10		24.11	12.40	18.08
21.0	0945	5.0			0.23	1.3		8.1	8.8	96		0.17	12		24.32	12.45	18.23
21.0	0945	6.0			0.23	1.3		8.1	8.8	96		0.21	15		24.44	12.48	18.32
21.0	0945	7.0			0.23	1.3		8.1	8.8	96		0.25	18		24.54	12.50	18.40
21.0	0945	8.0			0.23	1.3		8.1	8.8	96		0.30	21		24.59	12.51	18.43
21.0	0945	9.0			0.23	1.3		8.1	8.8	96		0.32	22		24.63	12.51	18.46
21.0	0945	10.0			0.24	1.4		8.1	8.8	96		0.34	23		24.67	12.52	18.49
21.0	0945	11.0			0.25	1.4		8.1	8.8	96		0.38	25		24.69	12.52	18.51

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STN	TIME	DEPTH	DISCR CHL a	CHL a/ a+PHA	FLUOR	CALC CHL a	DISCR OXYG	OXYG	CALC OXYG	% OXY SAT	DISCR SPM	OBS	CALC SPM	EXCOF	SALIN	TEMP	SIGT
21.0	0945	12.0			0.25	1.4		8.0	8.8	96		0.39	26		24.73	12.52	18.53
21.0	0945	13.0			0.24	1.4		8.1	8.8	96		0.41	28		24.72	12.52	18.53
21.0	0945	14.0			0.25	1.4		8.0	8.8	96		0.40	27		24.76	12.53	18.56
21.0	0945	15.0			0.27	1.5		8.0	8.7	96		0.51	34		24.85	12.53	18.63
21.0	0945	16.0			0.27	1.5		8.0	8.7	96		0.60	39		24.80	12.53	18.59
21.0	0945	17.0			0.27	1.5		8.0	8.7	96		0.65	43		24.85	12.53	18.63
21.0	0945	18.0	1.6	0.24	0.27	1.5		8.0	8.7	96		0.73	48		24.85	12.53	18.63

	n	r^2	Slope	Inter.	Std. Err.
Fluorometer Calibration:	12	0.135	4.197	0.357	0.281
OBS Calibration:	6	0.997	62.670	1.926	1.127
Dissolved Oxygen Calibration:	5	0.939	0.598	3.944	0.076

SeaBird v4.026