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**ISHTAR:
INNER SHELF TRANSPORT AND RECYCLING
IN THE BERING/CHUKCHI SEAS**

**1985-1989 MOORED CHLOROPHYLL A FLOURESCENCE,
TEMPERATURE, AND BEAM ATTENUATION MEASUREMENTS**

William H. Medeiros and Creighton D. Wirick

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February 1991

DEPARTMENT OF APPLIED SCIENCE

BROOKHAVEN NATIONAL LABORATORY
UPTON, LONG ISLAND, NEW YORK 11973

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**OCEANOGRAPHIC AND ATMOSPHERIC SCIENCES DIVISION
DEPARTMENT OF APPLIED SCIENCE
BROOKHAVEN NATIONAL LABORATORY
ASSOCIATED UNIVERSITIES, INC.
UPTON, LONG ISLAND, NEW YORK 11973**

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ISHTAR: Inner Shelf Transfer and Recycling in the
Bering/Chukchi Seas

INTRODUCTION

ISHTAR is a multi-disciplinary, multi-university ecosystem study designed to test the hypothesis that interannual changes of atmospheric forcing on water transport through the Bering Strait result in a two-fold to four-fold difference in: 1) the flux of nutrients from the shelf break of the northwestern Bering Sea; 2) the primary production north of St. Lawrence Island; 3) the burial of carbon in Chukchi Sea sediments; 4) the amount of energy passed up the food web; and finally 5) the chemical properties of the Arctic Ocean water transported south across the Greenland-Scotland ridge system.

The northern Bering Sea extending from St. Lawrence Island to Bering Strait was chosen as the site for studying phytoplankton populations and their role in transporting organic carbon. During the ice-free months, water, phytoplankton, and plant nutrients enter the region through Shpanberg and Anadyr Straits, and later exit through Bering Strait. In summer, Anadyr Water entering through Anadyr Strait is more saline and contains more plant nutrients than either the Bering Shelf Water or Alaskan Coastal Water entering through Shpanberg Strait. The flow through Anadyr Strait may approach speeds of 50 cm s^{-1} , and is referred to as the "Anadyr Stream." In summer, the "Anadyr Stream" supplies approximately 40% of the water and most of the new nitrogen to the Chirikov Basin. While there is some mixing between Anadyr, Bering Shelf, and Coastal Water types as they move north, all three can be identified in Bering Strait.

It was hypothesized that variability in the summer flow through Bering Strait would create variability in the total primary production of the Chirikov Basin and affect the annual transport of nitrogen and phytoplankton carbon through Bering Strait. Specifically, decreases in the flow would decrease the supply of new nitrogen and increase the transit time of water from Anadyr Strait to Bering Strait. Since nutrients are rarely limiting in the "Anadyr Stream," increases in the transit time would give the phytoplankton more time to grow. This would increase the standing stock of phytoplankton and decrease the new nitrogen transported through Bering Strait.

To acquire the data required to test this ISHTAR hypothesis, moored arrays of current meters, pressure gauges, fluorometers, transmissometers, and light meters were deployed during the summers of 1985 to 1988 and the over winter periods of 1986-1987 and 1988-1989. The moored fluorometers measure the in vivo fluorescence of Chlorophyll a (Chl a), and Tables 1, 4, 7, and 10 show the location and period of deployment of each mooring for each deployment. Preliminary results and data from the 1985, 1986, and 1987-1989 experiments can be found in ISHTAR DATA REPORT NO. 3, ISHTAR PROGRESS REPORT-1985 Volume I, 1986 ISHTAR Progress Report Volume I, and ISHTAR Progress Report 1989, respectively. The performance of the fluorometers and their associated instruments (thermistors, light meters, and transmissometers) are summarized for each deployment in Tables 2, 5, 8, and 11.

OBJECTIVES

Our major scientific responsibilities in the ISHTAR program are to: 1) provide phytoplankton boundary conditions for models constructed by other components; 2) obtain time series suitable for identifying interannual variations in phytoplankton standing stocks; and 3) identify the dominant time and length scales of the phytoplankton distributions. In addition, we construct, maintain, calibrate, and deploy the moored fluorometers used to make the required measurements.

EXPLANATION OF DATA SET

Ten fluorometers of our design (Whitledge and Wirick, 1986) were built for the program. The basic instrument measures fluorescence and temperature. In addition, Sea Tech 25 cm transmissometers (Bartz, Zaneveld, and Pak, 1978) and LI-COR 193SB quantum sensors were deployed with some fluorometers. Note, however, that quantum data are not presented in this report.

Time series

During the summer deployments, all sensors were burst sampled, 6 readings in 1 minute, at 34 minute intervals. On the longer over winter deployments the sensors were burst sampled, 3 times in 30 seconds, at 68 minute intervals.

For reporting purposes, the resulting high volume of data was reduced to daily summary statistics. Daily means, minima, and maxima for fluorometer, thermistor, and transmissometer measurements were calculated from unfiltered data. Time is reported in Greenwich Mean Time (GMT). Tables 3, 6, 9, and 12 contain the resulting daily statistics for each year of the experiment. Only the obvious errors and outliers have been removed from the data. Gaps ("-") in the records indicate periods of either missing or unreliable data.

The time series data from which the summary statistics for each mooring and year were calculated are presented in plots at the end of each annual section. Prior to plotting, all data were passed through a 2 hour low pass filter.

Fluorescence/Chlorophyll a

The fluorescence sensors were calibrated before and after each deployment against a Turner Designs laboratory fluorometer. The Turner Designs fluorometer was equipped with filters for measuring Chl a and was calibrated using purified Chl a in acetone. Calibration constants for the moored fluorometer were estimated from a linear regression of the in vivo fluorescence of diatom cultures in the moored fluorometer and in the Turner Designs fluorometer. The Chl a estimates reported here were calculated by multiplying the in situ fluorescence by 2.3 ug Chl a l⁻¹ per Unit Fluorescence. Falkowski and Kiefer (1985) give an excellent review

of the problems associated with estimating Chl a from in vivo fluorescence. The optical surfaces of each fluorometer were brushed by a mechanical device every 23 hours which effectively prevented fouling.

Temperature

Water temperature is reported as degrees celsius. The thermistors were calibrated annually by measuring their resistance in a stirred water bath of known temperature ($\pm 0.01^\circ\text{C}$).

Beam Attenuation

The transmissometers, mounted directly on the fluorometers, measure the beam attenuation, K , (units $[\text{m}^{-1}]$) of 660 nm light. A beam attenuation of $K=4 \text{ m}^{-1}$ implies that the suspended particles intercept $100\% \times (1 - \exp(-4)) = 98\%$ of the light along a 1 m path. The transmissometers were calibrated in air before and after each deployment. The surfaces near the optical windows were coated with DP8 and Aquatek antifoulants prior to deployment. The optical windows fouled on all deployments. No attempt has been made to correct the data for this fouling.

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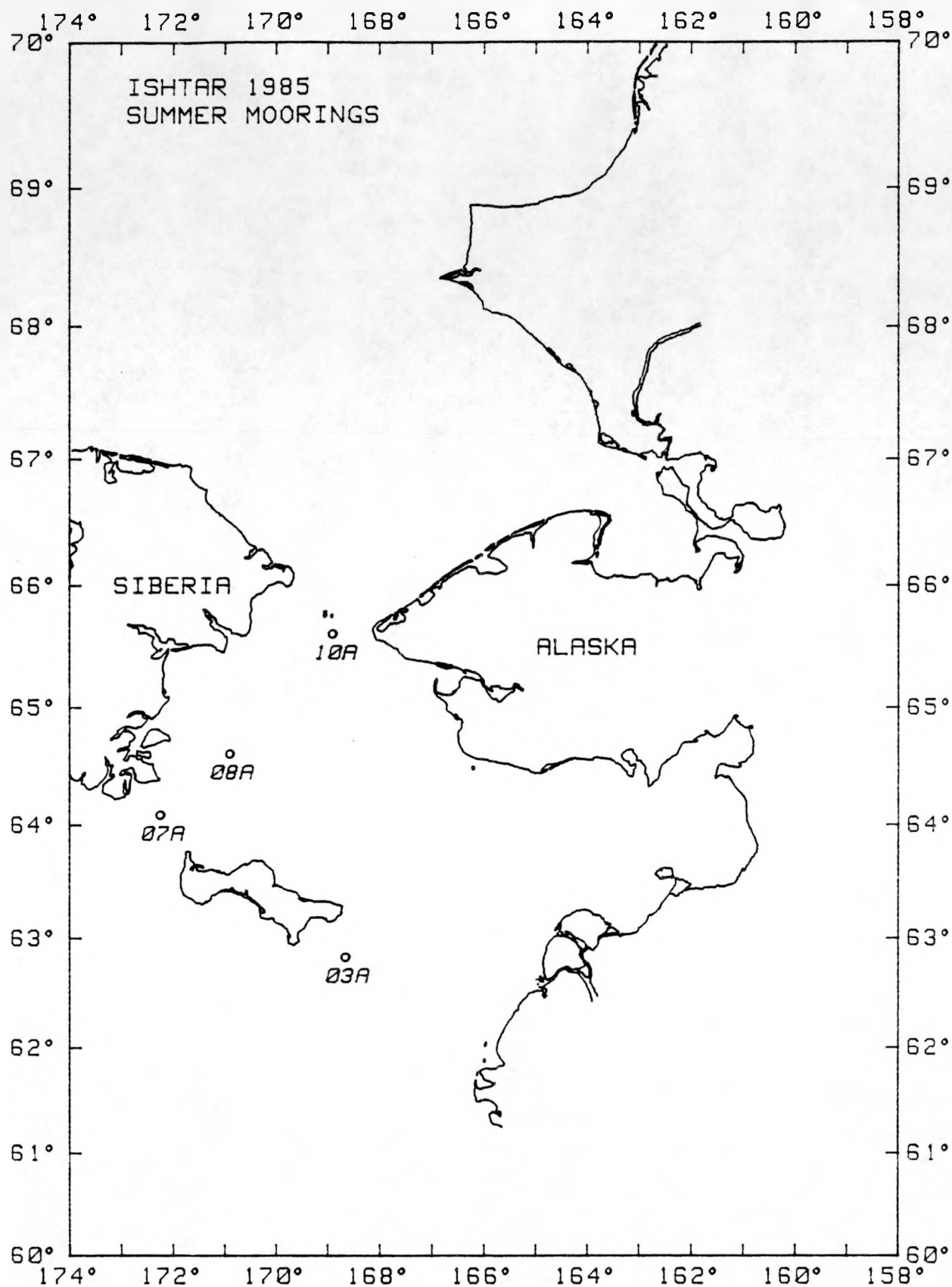


Figure 1. ISHTAR 1985 Mooring Locations.

Table 1. Locations of the 1985 summer ISHTAR moorings.

1985 MOORING SUMMARY					
Mooring ID	Latitude N	Longitude W	Sounding (m)	Deployed mm/dd/yy	Recovered mm/dd/yy
ISH-03A	62° 50.0'	168° 39.6'	42.0	07/05/85	09/27/85
ISH-07A	64° 05.5'	172° 14.7'	47.0	07/06/85	09/30/85
ISH-08A	64° 37.0'	170° 54.1'	44.0	07/07/85	10/01/85
ISH-10A	65° 36.8'	168° 54.2'	49.0	07/07/85	10/02/85

Table 2. Performance of moored fluorometer sensors during the 1985 summer deployment.

1985 SENSOR PERFORMANCE

Mooring ID	Sounding (m)	Sensor	Depth (m)	Start mm/dd/yy	Stop mm/dd/yy
ISH-3A	42	FL	21	07/05/85	09/07/85
		T	21	07/05/85	09/07/85
ISH-7A	47	FL	19	07/06/85	09/30/85
		T	19	07/06/85	09/30/85
		FL	38	07/06/85	09/30/85
		T	38	07/06/85	09/30/85
		TR	38	07/06/85	09/30/85
ISH-8A	44	FL	22	07/07/85	10/01/85
		T	22	07/07/85	10/01/85
		FL	35	07/07/85	10/01/85
		T	35	07/07/85	10/01/85
		TR	35	07/07/85	10/01/85
ISH-10A	49	FL	20	07/07/85	10/02/85
		T	20	07/07/85	10/02/85
		FL	40	failed on closing	
		T	40	07/07/85	10/02/85
		TR	40	07/07/85	10/02/85

FL-Fluorescence; L-Light; T-Temperature; TR-Light Transmission

Table 3. Daily statistics for the 1985 summer fluorometer sensors.

MOORING=03A
 LATITUDE=62-50.0'N
 LONGITUDE=168-39.6'W

DAILY STATISTICS
 INST DEPTH=21M
 SONIC DEPTH=42M

BEGINNING: 07/05/85
 ENDING: 09/07/85

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
07/05/85	0.03	-0.34	1.21	1.29	0.43	2.08	-	-	-
07/06/85	-0.07	-0.15	0.16	1.34	0.81	2.18	-	-	-
07/07/85	-0.05	-0.13	0.13	1.40	0.79	2.15	-	-	-
07/08/85	0.31	-0.03	2.01	1.53	0.71	2.67	-	-	-
07/09/85	0.43	0.07	0.97	1.53	0.80	2.25	-	-	-
07/10/85	0.40	0.06	0.85	1.88	0.83	4.16	-	-	-
07/11/85	0.37	0.18	0.96	1.63	0.98	3.62	-	-	-
07/12/85	0.18	0.01	0.42	1.36	0.82	2.32	-	-	-
07/13/85	0.08	-0.16	0.85	0.82	0.06	2.22	-	-	-
07/14/85	-0.16	-0.46	0.12	0.94	0.07	2.52	-	-	-
07/15/85	-0.48	-0.60	-0.31	2.44	1.09	3.86	-	-	-
07/16/85	-0.39	-0.56	-0.29	2.15	1.19	3.73	-	-	-
07/17/85	-0.43	-0.68	-0.27	2.92	2.07	4.72	-	-	-
07/18/85	-0.60	-0.70	-0.41	4.04	2.48	5.81	-	-	-
07/19/85	-0.59	-0.76	-0.21	2.59	1.20	5.13	-	-	-
07/20/85	-0.25	-0.49	0.05	2.70	0.19	6.23	-	-	-
07/21/85	-0.13	-0.37	0.03	0.72	0.14	5.41	-	-	-
07/22/85	-0.47	-0.73	-0.09	2.97	0.86	6.50	-	-	-
07/23/85	-0.10	-0.59	0.44	2.17	0.23	6.67	-	-	-
07/24/85	0.04	-0.21	1.22	0.97	0.19	3.48	-	-	-
07/25/85	0.02	-0.21	0.26	3.05	0.38	5.65	-	-	-
07/26/85	0.02	-0.26	0.36	4.30	0.67	6.70	-	-	-
07/27/85	0.34	0.05	0.90	4.01	0.39	6.52	-	-	-
07/28/85	0.54	0.25	0.85	1.33	0.36	5.20	-	-	-
07/29/85	0.90	0.64	1.77	0.48	0.13	0.90	-	-	-
07/30/85	0.66	0.33	1.22	0.43	0.15	0.70	-	-	-
07/31/85	0.40	0.15	0.81	0.56	0.20	0.95	-	-	-
08/01/85	0.30	-0.00	0.87	0.75	0.27	1.43	-	-	-
08/02/85	-0.02	-0.33	0.48	1.01	0.58	1.41	-	-	-
08/03/85	-0.15	-0.35	0.27	1.21	0.86	1.81	-	-	-
08/04/85	-0.20	-0.35	0.25	1.49	0.92	2.28	-	-	-
08/05/85	-0.30	-0.53	0.07	1.78	0.89	2.52	-	-	-
08/06/85	-0.50	-0.58	-0.22	1.71	0.91	2.65	-	-	-
08/07/85	-0.42	-0.63	-0.08	2.60	1.18	3.72	-	-	-
08/08/85	0.14	-0.46	1.04	2.68	1.77	3.66	-	-	-
08/09/85	-0.24	-0.51	0.10	2.36	1.75	3.02	-	-	-
08/10/85	-0.34	-0.63	0.14	1.93	1.41	2.90	-	-	-
08/11/85	-0.45	-0.74	-0.17	2.82	1.68	3.86	-	-	-
08/12/85	-0.51	-0.86	-0.18	3.49	2.44	5.80	-	-	-
08/13/85	-0.59	-0.70	-0.47	3.94	2.97	5.40	-	-	-
08/14/85	-0.59	-0.66	-0.37	2.53	1.76	3.53	-	-	-
08/15/85	-0.55	-0.64	-0.31	2.04	1.56	2.69	-	-	-
08/16/85	-0.40	-0.62	-0.03	1.40	0.63	2.47	-	-	-
08/17/85	-0.22	-0.63	0.23	1.30	0.83	1.89	-	-	-
08/18/85	0.19	-0.23	2.47	0.98	0.64	1.44	-	-	-
08/19/85	0.53	0.04	1.35	1.03	0.67	1.56	-	-	-
08/20/85	0.82	-0.25	2.75	1.20	0.74	2.71	-	-	-
08/21/85	0.17	-0.26	0.73	0.75	0.38	1.24	-	-	-

MOORING=03A
 LATITUDE=62-50.0'N
 LONGITUDE=168-39.6'W

DAILY STATISTICS
 INST DEPTH=21M
 SONIC DEPTH=42M

BEGINNING: 07/05/85
 ENDING: 09/07/85

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
08/22/85	0.43	0.10	2.72	0.57	0.20	0.93	-	-	-
08/23/85	0.68	0.23	2.46	0.47	0.14	0.95	-	-	-
08/24/85	0.76	0.43	1.11	0.64	0.19	1.21	-	-	-
08/25/85	0.89	0.73	1.06	0.49	0.06	0.80	-	-	-
08/26/85	1.66	1.14	2.33	0.58	0.14	0.80	-	-	-
08/27/85	1.42	0.79	2.18	0.32	0.10	0.62	-	-	-
08/28/85	1.83	0.29	5.14	0.31	0.04	0.63	-	-	-
08/29/85	4.23	1.26	8.38	0.50	0.11	1.01	-	-	-
08/30/85	1.40	0.95	2.34	0.40	0.02	0.72	-	-	-
08/31/85	0.92	0.63	1.24	0.32	0.08	0.64	-	-	-
09/01/85	3.54	0.44	8.34	0.48	0.13	1.27	-	-	-
09/02/85	3.99	2.09	8.26	0.49	0.14	0.77	-	-	-
09/03/85	1.46	0.65	2.14	0.43	0.03	0.88	-	-	-
09/04/85	0.39	0.27	0.69	0.27	0.00	0.58	-	-	-
09/05/85	0.14	0.04	0.26	0.30	0.04	0.54	-	-	-
09/06/85	0.53	-0.02	1.86	0.25	0.07	0.59	-	-	-
09/07/85	2.82	0.30	7.00	0.51	0.07	1.22	-	-	-

MOORING=07A
 LATITUDE=64-05.5'N
 LONGITUDE=172-14.7'W

DAILY STATISTICS
 INST DEPTH=19M
 SONIC DEPTH=47M

BEGINNING: 07/06/85
 ENDING: 09/30/85

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
07/06/85	-0.12	-0.14	-0.10	0.74	0.69	0.79	-	-	-
07/07/85	-0.25	-0.52	-0.12	0.96	0.49	1.47	-	-	-
07/08/85	0.09	-0.23	0.63	0.80	0.50	1.14	-	-	-
07/09/85	0.49	0.34	0.63	0.75	0.48	1.32	-	-	-
07/10/85	0.50	0.25	0.75	0.61	0.45	0.90	-	-	-
07/11/85	0.17	0.09	0.29	0.56	0.42	0.76	-	-	-
07/12/85	0.12	-0.16	0.53	0.49	0.15	0.78	-	-	-
07/13/85	0.13	-0.09	0.67	0.51	0.21	0.85	-	-	-
07/14/85	0.38	0.05	0.89	0.36	0.16	0.76	-	-	-
07/15/85	0.23	0.01	0.46	0.33	0.17	0.50	-	-	-
07/16/85	0.32	0.10	0.48	0.73	0.22	1.53	-	-	-
07/17/85	0.23	0.09	0.48	1.06	0.28	2.32	-	-	-
07/18/85	0.02	-0.32	0.35	0.69	0.13	1.08	-	-	-
07/19/85	0.42	0.15	0.79	0.29	0.07	0.67	-	-	-
07/20/85	0.23	0.08	0.44	0.31	0.14	0.53	-	-	-
07/21/85	0.48	0.37	0.67	0.62	0.27	1.13	-	-	-
07/22/85	0.51	0.33	0.62	0.77	0.24	1.53	-	-	-
07/23/85	0.67	0.33	0.93	0.60	0.29	1.09	-	-	-
07/24/85	0.95	0.84	1.13	1.02	0.39	1.92	-	-	-
07/25/85	0.97	0.70	1.17	1.35	0.69	1.83	-	-	-
07/26/85	0.85	0.62	1.01	1.15	0.59	2.26	-	-	-
07/27/85	0.94	0.55	1.17	1.60	0.87	2.31	-	-	-
07/28/85	1.22	0.90	1.43	2.50	1.39	3.32	-	-	-
07/29/85	1.23	1.11	1.33	2.38	1.40	3.44	-	-	-
07/30/85	1.04	0.89	1.27	1.68	1.05	2.36	-	-	-
07/31/85	1.11	0.99	1.24	1.70	1.26	2.30	-	-	-
08/01/85	1.19	0.91	1.55	1.46	0.66	2.81	-	-	-
08/02/85	1.51	1.41	1.60	2.31	1.20	3.74	-	-	-
08/03/85	1.37	1.22	1.47	2.23	1.38	3.36	-	-	-
08/04/85	1.43	1.27	1.68	1.89	1.34	2.63	-	-	-
08/05/85	1.59	1.24	1.73	1.41	0.39	2.74	-	-	-
08/06/85	1.69	1.37	1.92	1.35	0.48	2.32	-	-	-
08/07/85	1.71	1.58	1.89	1.22	0.65	2.12	-	-	-
08/08/85	1.46	1.17	1.75	0.50	0.28	0.84	-	-	-
08/09/85	1.05	0.89	1.32	0.28	0.21	0.37	-	-	-
08/10/85	1.14	0.81	1.52	0.31	0.22	0.42	-	-	-
08/11/85	1.29	0.87	1.91	0.49	0.30	0.76	-	-	-
08/12/85	1.24	0.86	1.84	0.29	0.19	0.45	-	-	-
08/13/85	1.30	1.06	1.70	0.25	0.17	0.32	-	-	-
08/14/85	1.43	0.88	1.95	0.26	0.19	0.34	-	-	-
08/15/85	1.47	1.14	1.88	0.16	0.11	0.24	-	-	-
08/16/85	1.16	1.07	1.26	0.14	0.10	0.20	-	-	-
08/17/85	0.93	0.53	1.43	0.20	0.11	0.28	-	-	-
08/18/85	0.99	0.15	2.00	0.22	0.12	0.31	-	-	-
08/19/85	1.48	1.22	1.74	0.13	0.06	0.23	-	-	-
08/20/85	1.06	0.91	1.19	0.14	0.07	0.25	-	-	-
08/21/85	1.54	0.77	2.68	0.16	0.10	0.24	-	-	-
08/22/85	1.41	0.64	6.51	0.12	0.06	0.40	-	-	-

MOORING=07A
 LATITUDE=64-05.5'N
 LONGITUDE=172-14.7'W

DAILY STATISTICS
 INST DEPTH=19M
 SONIC DEPTH=47M

BEGINNING: 07/06/85
 ENDING: 09/30/85

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
08/23/85	1.83	1.18	3.37	0.13	0.06	0.26	-	-	-
08/24/85	1.30	1.02	1.70	0.14	0.09	0.21	-	-	-
08/25/85	1.46	0.57	2.03	0.13	0.08	0.21	-	-	-
08/26/85	1.74	0.90	1.93	0.13	0.08	0.21	-	-	-
08/27/85	1.71	0.78	2.07	0.15	0.09	0.27	-	-	-
08/28/85	1.69	1.47	1.94	0.12	0.06	0.18	-	-	-
08/29/85	1.69	1.60	1.83	0.11	0.08	0.16	-	-	-
08/30/85	1.81	1.43	2.08	0.12	0.07	0.20	-	-	-
08/31/85	0.73	0.45	1.40	0.16	0.07	0.26	-	-	-
09/01/85	1.08	0.72	1.49	0.10	0.05	0.15	-	-	-
09/02/85	1.29	1.09	1.44	0.11	0.05	0.15	-	-	-
09/03/85	1.25	0.99	1.80	0.12	0.07	0.18	-	-	-
09/04/85	1.13	0.73	1.88	0.14	0.08	0.17	-	-	-
09/05/85	1.62	1.26	1.91	0.13	0.08	0.18	-	-	-
09/06/85	0.92	0.48	1.53	0.15	0.10	0.23	-	-	-
09/07/85	0.80	0.61	1.31	0.18	0.11	0.27	-	-	-
09/08/85	1.50	1.07	2.32	0.15	0.10	0.34	-	-	-
09/09/85	2.87	1.88	6.23	0.46	0.11	3.01	-	-	-
09/10/85	2.56	2.13	6.24	0.57	0.17	4.89	-	-	-
09/11/85	4.22	2.12	6.14	0.24	0.12	0.82	-	-	-
09/12/85	4.88	2.50	5.93	0.53	0.08	1.37	-	-	-
09/13/85	3.53	2.74	4.55	1.89	1.43	2.66	-	-	-
09/14/85	2.58	2.10	3.41	1.40	0.99	2.04	-	-	-
09/15/85	2.27	2.08	2.36	0.87	0.73	1.17	-	-	-
09/16/85	2.16	1.96	2.29	0.66	0.56	0.79	-	-	-
09/17/85	1.99	1.85	2.18	0.78	0.62	1.20	-	-	-
09/18/85	2.15	1.94	2.63	0.94	0.68	1.18	-	-	-
09/19/85	3.03	2.64	3.56	1.05	0.79	1.49	-	-	-
09/20/85	3.35	3.16	3.64	1.23	0.75	4.33	-	-	-
09/21/85	3.74	3.35	4.49	1.02	0.53	1.94	-	-	-
09/22/85	2.94	1.85	4.19	1.00	0.34	2.53	-	-	-
09/23/85	2.99	2.75	3.11	0.58	0.39	1.04	-	-	-
09/24/85	2.91	1.06	4.11	0.73	0.38	1.45	-	-	-
09/25/85	1.10	-0.35	4.41	0.67	0.24	2.46	-	-	-
09/26/85	0.38	-0.49	3.74	0.57	0.26	1.14	-	-	-
09/27/85	2.56	-0.19	4.95	0.96	0.28	2.04	-	-	-
09/28/85	4.15	3.24	4.45	1.45	0.76	1.87	-	-	-
09/29/85	3.38	0.60	4.15	1.31	0.44	1.82	-	-	-
09/30/85	3.37	3.17	3.53	1.20	0.94	1.46	-	-	-

MOORING=07A
 LATITUDE=64-05.5'N
 LONGITUDE=172-14.7'W

DAILY STATISTICS
 INST DEPTH=38M
 SONIC DEPTH=47M

BEGINNING: 07/06/85
 ENDING: 09/30/85

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
07/06/85	-0.19	-0.20	-0.18	1.07	0.57	1.41	1.221	1.218	1.225
07/07/85	-0.31	-0.53	-0.19	1.59	0.91	2.87	1.235	1.164	1.320
07/08/85	-0.02	-0.27	0.30	1.58	1.07	2.63	1.225	1.116	1.317
07/09/85	0.41	0.31	0.52	2.02	1.13	3.62	1.099	1.000	1.265
07/10/85	0.46	0.22	0.62	1.82	0.86	3.46	1.036	.954	1.433
07/11/85	0.13	0.06	0.19	1.09	0.69	1.83	1.093	.975	1.201
07/12/85	0.07	-0.21	0.52	0.80	0.54	1.10	1.107	.994	1.173
07/13/85	0.06	-0.16	0.72	0.88	0.42	1.72	1.199	.994	1.325
07/14/85	0.34	0.03	0.88	0.62	0.19	1.18	1.168	.947	1.654
07/15/85	0.18	-0.08	0.39	0.60	0.37	1.32	1.083	.972	1.182
07/16/85	0.26	0.04	0.41	1.54	0.43	2.50	1.214	1.073	1.401
07/17/85	0.18	0.04	0.40	1.70	0.56	2.97	1.291	1.179	1.563
07/18/85	-0.05	-0.40	0.20	0.91	0.11	2.04	1.286	.962	1.700
07/19/85	0.35	0.09	0.58	0.40	0.07	0.79	.927	.763	1.041
07/20/85	0.14	-0.04	0.40	0.77	0.07	3.97	.834	.717	1.187
07/21/85	0.43	0.33	0.58	1.76	0.58	5.87	1.105	.895	1.310
07/22/85	0.44	0.30	0.54	1.10	0.62	1.72	1.075	.909	1.263
07/23/85	0.61	0.31	0.87	0.75	0.21	2.61	.983	.897	1.089
07/24/85	0.88	0.77	1.02	1.50	0.60	2.89	.968	.860	1.101
07/25/85	0.93	0.68	1.10	1.71	0.48	4.07	.966	.856	1.032
07/26/85	0.79	0.58	0.92	1.58	0.81	5.64	1.023	.889	2.261
07/27/85	0.90	0.56	1.13	2.13	1.34	3.76	1.038	.840	1.350
07/28/85	1.16	0.85	1.32	3.15	2.14	4.11	1.218	.979	1.417
07/29/85	1.19	1.11	1.29	2.93	1.99	4.06	1.173	1.045	1.361
07/30/85	1.01	0.85	1.26	2.40	1.56	3.87	1.213	.977	1.526
07/31/85	1.08	0.96	1.22	2.18	1.53	3.33	1.102	.907	1.665
08/01/85	1.13	0.87	1.51	1.86	1.10	3.49	1.031	.874	1.364
08/02/85	1.47	1.38	1.55	3.40	2.18	6.85	1.171	.957	1.339
08/03/85	1.32	1.17	1.43	2.89	1.56	6.56	1.304	1.057	1.674
08/04/85	1.38	1.24	1.59	2.21	1.58	2.97	1.200	.923	1.891
08/05/85	1.54	1.19	1.69	1.80	0.62	3.02	1.020	.875	1.172
08/06/85	1.63	1.32	1.85	1.66	0.55	2.99	1.045	.927	1.236
08/07/85	1.66	1.53	1.85	1.47	0.79	2.41	1.230	1.164	1.313
08/08/85	1.39	1.14	1.63	0.68	0.24	1.14	1.034	.962	1.183
08/09/85	0.99	0.83	1.27	0.35	0.14	0.61	.940	.881	1.028
08/10/85	1.10	0.78	1.45	0.47	0.18	0.69	.929	.893	.981
08/11/85	1.24	0.81	1.85	0.76	0.38	1.74	.968	.930	1.049
08/12/85	1.17	0.80	1.61	0.55	0.26	0.89	.982	.873	1.124
08/13/85	1.24	1.01	1.63	0.43	0.22	0.71	.938	.846	1.052
08/14/85	1.37	0.84	1.90	0.42	0.25	0.67	.960	.817	1.075
08/15/85	1.47	1.10	1.86	0.42	0.16	0.66	.911	.827	.998
08/16/85	1.13	1.05	1.23	0.42	0.14	0.69	.837	.804	.913
08/17/85	0.85	0.48	1.38	0.40	0.15	0.73	.810	.750	.911
08/18/85	0.95	0.11	1.99	0.39	0.14	0.61	.840	.729	.950
08/19/85	1.52	1.21	1.75	0.36	0.16	0.52	.920	.878	.979
08/20/85	1.03	0.87	1.18	0.30	0.13	0.59	.909	.835	.976
08/21/85	1.31	0.84	1.76	0.28	0.06	0.52	.902	.876	.944
08/22/85	1.22	0.57	1.97	0.21	0.05	0.40	.858	.815	.886

MOORING=07A
 LATITUDE=64-05.5'N
 LONGITUDE=172-14.7'W

DAILY STATISTICS
 INST DEPTH=38M
 SONIC DEPTH=47M

BEGINNING: 07/06/85
 ENDING: 09/30/85

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
08/23/85	1.65	1.14	2.02	0.23	0.06	0.40	.840	.818	.860
08/24/85	1.27	1.03	1.68	0.19	0.06	0.41	.811	.788	.839
08/25/85	1.40	0.59	1.98	0.24	0.05	0.49	.855	.795	.898
08/26/85	1.72	0.88	1.90	0.23	0.01	0.45	.857	.803	.903
08/27/85	1.63	0.76	1.94	0.29	0.05	0.54	.949	.857	1.037
08/28/85	1.64	1.44	1.88	0.23	0.08	0.55	1.016	.925	1.178
08/29/85	1.64	1.54	1.80	0.41	0.18	0.59	.934	.884	1.112
08/30/85	1.78	1.42	2.03	0.47	0.07	0.67	.890	.867	.919
08/31/85	0.70	0.40	1.39	0.51	0.25	0.74	.937	.881	.991
09/01/85	1.03	0.64	1.46	0.40	0.26	0.55	.898	.735	1.053
09/02/85	1.25	1.13	1.34	0.45	0.27	0.58	.757	.704	.802
09/03/85	1.19	0.90	1.52	0.48	0.32	0.60	.758	.677	.872
09/04/85	1.11	0.70	1.83	0.52	0.37	0.63	.831	.743	.923
09/05/85	1.55	1.21	1.77	0.57	0.45	0.70	.896	.847	.952
09/06/85	0.91	0.45	1.48	0.67	0.49	1.20	.937	.886	.968
09/07/85	0.71	0.56	1.18	0.64	0.53	1.09	.906	.841	1.003
09/08/85	1.32	0.97	1.92	0.63	0.46	1.39	.991	.892	1.052
09/09/85	2.18	1.92	2.31	0.68	0.48	0.87	.887	.833	.928
09/10/85	2.22	2.07	2.38	0.84	0.60	2.41	1.129	.808	3.354
09/11/85	2.17	2.03	2.27	0.73	0.64	0.82	1.025	.889	1.969
09/12/85	2.32	1.88	4.42	0.84	0.38	2.43	1.062	.814	2.873
09/13/85	3.49	2.65	4.47	2.41	1.84	3.40	1.021	.919	1.211
09/14/85	2.56	2.07	3.39	1.92	1.45	2.54	1.681	.926	2.323
09/15/85	2.26	2.06	2.34	2.04	1.16	3.80	2.055	1.598	2.429
09/16/85	2.20	1.96	2.29	3.27	2.07	3.99	1.263	1.094	1.661
09/17/85	1.92	1.75	2.16	1.76	0.87	2.43	1.149	1.064	1.592
09/18/85	2.13	1.92	2.59	1.39	0.92	1.93	1.141	1.018	1.343
09/19/85	2.88	2.61	3.39	1.88	1.28	2.54	1.045	.934	1.358
09/20/85	3.24	3.02	3.53	1.97	1.54	3.28	.967	.829	1.628
09/21/85	3.47	3.21	3.59	1.55	1.10	2.37	.779	.742	.907
09/22/85	2.19	1.68	3.15	1.06	0.72	1.30	.835	.760	.916
09/23/85	2.93	2.67	3.03	1.17	0.70	1.55	.940	.863	1.062
09/24/85	2.48	1.10	3.22	1.01	0.78	1.22	.879	.834	.936
09/25/85	0.23	-0.30	0.99	0.89	0.72	1.01	.864	.820	.918
09/26/85	-0.30	-0.54	0.13	0.96	0.73	1.27	.946	.825	.994
09/27/85	-0.18	-0.41	0.02	0.95	0.74	1.13	.900	.820	1.018
09/28/85	-0.24	-0.41	0.03	0.94	0.82	1.03	.846	.798	1.096
09/29/85	-0.49	-0.60	-0.35	0.97	0.89	1.06	.846	.814	1.127
09/30/85	-0.52	-0.64	-0.06	1.02	0.93	1.10	.821	.802	.848

MOORING=08A
 LATITUDE=64-37.0'N
 LONGITUDE=170-54.1'W

DAILY STATISTICS
 INST DEPTH=22M
 SONIC DEPTH=44M

BEGINNING: 07/07/85
 ENDING: 10/01/85

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
07/07/85	0.62	0.37	0.93	0.78	0.46	0.98	-	-	-
07/08/85	0.71	0.31	1.05	0.77	0.04	1.12	-	-	-
07/09/85	0.65	0.44	0.92	0.93	0.61	1.17	-	-	-
07/10/85	0.84	0.43	1.06	0.95	0.56	1.61	-	-	-
07/11/85	1.01	0.88	1.08	0.98	0.63	1.62	-	-	-
07/12/85	0.94	0.73	1.09	0.73	0.24	1.34	-	-	-
07/13/85	0.64	-0.50	0.85	0.52	0.24	0.98	-	-	-
07/14/85	0.87	0.68	1.12	0.42	0.15	1.34	-	-	-
07/15/85	0.71	-0.26	1.09	0.52	0.16	1.44	-	-	-
07/16/85	1.01	0.76	1.48	0.43	0.20	0.99	-	-	-
07/17/85	1.00	0.77	1.25	0.36	0.23	0.63	-	-	-
07/18/85	0.95	0.78	1.12	0.60	0.15	1.49	-	-	-
07/19/85	0.74	0.55	1.01	0.68	0.29	1.13	-	-	-
07/20/85	0.83	-0.39	1.02	0.58	0.35	0.89	-	-	-
07/21/85	1.33	1.04	1.70	0.44	0.21	0.79	-	-	-
07/22/85	0.98	0.77	1.29	0.53	0.28	0.79	-	-	-
07/23/85	0.93	0.78	1.06	0.47	0.24	0.82	-	-	-
07/24/85	1.26	1.10	1.39	0.74	0.49	1.20	-	-	-
07/25/85	1.42	1.14	1.68	1.16	0.59	2.99	-	-	-
07/26/85	1.50	1.28	1.66	0.82	0.55	1.31	-	-	-
07/27/85	1.58	1.43	1.71	1.09	0.59	2.80	-	-	-
07/28/85	1.36	1.15	1.54	1.23	0.71	2.64	-	-	-
07/29/85	1.37	1.09	1.62	1.51	0.76	2.78	-	-	-
07/30/85	1.60	1.39	1.78	1.98	1.25	3.03	-	-	-
07/31/85	1.62	1.53	1.73	1.83	1.14	2.48	-	-	-
08/01/85	1.41	1.35	1.54	1.66	1.06	2.21	-	-	-
08/02/85	1.59	1.38	1.73	1.63	0.96	2.79	-	-	-
08/03/85	1.64	1.48	1.82	1.94	1.10	3.00	-	-	-
08/04/85	1.69	1.51	1.86	1.36	0.93	2.05	-	-	-
08/05/85	1.81	1.70	1.90	1.97	1.17	3.16	-	-	-
08/06/85	1.85	1.69	1.95	2.08	1.55	2.58	-	-	-
08/07/85	2.10	1.90	2.39	1.93	1.02	2.53	-	-	-
08/08/85	2.31	1.94	2.58	1.53	1.02	2.16	-	-	-
08/09/85	2.43	2.27	2.61	1.79	1.49	2.24	-	-	-
08/10/85	2.17	1.86	2.45	1.21	0.64	1.74	-	-	-
08/11/85	1.82	1.59	2.06	0.96	0.70	1.30	-	-	-
08/12/85	1.94	1.67	2.28	0.87	0.61	1.07	-	-	-
08/13/85	2.02	1.68	2.47	0.90	0.64	1.11	-	-	-
08/14/85	2.04	1.75	2.25	0.71	0.47	0.95	-	-	-
08/15/85	1.95	1.80	2.10	0.62	0.45	0.83	-	-	-
08/16/85	1.99	1.81	2.26	0.59	0.43	0.80	-	-	-
08/17/85	2.01	1.60	2.27	0.56	0.40	0.80	-	-	-
08/18/85	1.86	1.44	2.25	0.57	0.43	0.74	-	-	-
08/19/85	1.92	1.78	2.15	0.47	0.34	0.69	-	-	-
08/20/85	1.84	1.26	2.28	0.55	0.41	0.68	-	-	-
08/21/85	1.60	1.27	2.49	0.53	0.40	0.72	-	-	-
08/22/85	2.08	1.98	2.31	0.51	0.34	0.87	-	-	-
08/23/85	1.90	1.62	2.09	0.73	0.45	1.11	-	-	-

MOORING=08A
 LATITUDE=64-37.0'N
 LONGITUDE=170-54.1'W

DAILY STATISTICS
 INST DEPTH=22M
 SONIC DEPTH=44M

BEGINNING: 07/07/85
 ENDING: 10/01/85

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
08/24/85	1.60	1.53	2.12	0.57	0.43	0.91	-	-	-
08/25/85	1.68	1.35	2.19	0.50	0.36	0.67	-	-	-
08/26/85	2.14	1.60	2.70	0.47	0.35	0.70	-	-	-
08/27/85	2.17	1.69	2.63	0.91	0.31	1.46	-	-	-
08/28/85	2.43	2.25	2.64	0.56	0.33	1.15	-	-	-
08/29/85	2.70	2.56	2.86	0.56	0.40	0.75	-	-	-
08/30/85	2.75	2.55	2.95	0.56	0.41	0.74	-	-	-
08/31/85	2.53	2.23	3.02	0.41	0.22	0.55	-	-	-
09/01/85	2.39	2.25	2.61	0.35	0.19	0.50	-	-	-
09/02/85	2.23	2.04	2.33	0.36	0.22	0.48	-	-	-
09/03/85	1.40	-0.19	2.10	0.37	0.08	0.59	-	-	-
09/04/85	1.64	0.04	2.27	0.42	0.25	0.66	-	-	-
09/05/85	1.94	1.72	2.30	0.32	0.08	0.60	-	-	-
09/06/85	1.47	0.25	1.82	0.30	0.17	0.40	-	-	-
09/07/85	1.69	0.24	2.11	0.33	0.19	0.44	-	-	-
09/08/85	2.14	1.92	2.37	0.44	0.31	0.55	-	-	-
09/09/85	2.17	2.07	2.26	0.48	0.29	0.64	-	-	-
09/10/85	1.87	1.74	2.16	0.56	0.42	0.74	-	-	-
09/11/85	1.92	1.74	2.17	0.67	0.44	0.95	-	-	-
09/12/85	2.20	2.07	2.43	0.93	0.61	1.83	-	-	-
09/13/85	2.24	1.83	2.49	0.96	0.44	1.86	-	-	-
09/14/85	1.93	1.84	2.06	0.73	0.54	1.02	-	-	-
09/15/85	2.24	2.02	2.35	1.81	0.76	2.46	-	-	-
09/16/85	2.10	2.00	2.34	1.06	0.47	2.18	-	-	-
09/17/85	2.04	1.99	2.22	0.67	0.55	0.77	-	-	-
09/18/85	2.06	1.98	2.22	0.66	0.42	0.81	-	-	-
09/19/85	2.02	1.93	2.14	0.64	0.42	0.82	-	-	-
09/20/85	2.29	2.17	2.34	0.83	0.65	1.00	-	-	-
09/21/85	2.29	2.16	2.38	0.85	0.66	1.05	-	-	-
09/22/85	2.60	2.15	3.11	1.25	0.91	1.80	-	-	-
09/23/85	3.28	3.07	3.44	1.16	0.70	1.75	-	-	-
09/24/85	3.19	2.86	3.40	0.70	0.56	1.03	-	-	-
09/25/85	2.93	2.72	3.15	0.72	0.60	1.01	-	-	-
09/26/85	3.10	2.76	3.22	0.71	0.42	0.97	-	-	-
09/27/85	2.96	2.60	3.15	0.73	0.57	0.86	-	-	-
09/28/85	2.44	1.76	3.07	0.71	0.52	1.01	-	-	-
09/29/85	1.69	0.46	2.24	0.75	0.51	1.13	-	-	-
09/30/85	2.57	1.51	3.02	0.69	0.58	0.83	-	-	-
10/01/85	3.02	2.99	3.06	0.70	0.59	0.84	-	-	-

MOORING=08A
 LATITUDE=64-37.0'N
 LONGITUDE=170-54.1'W

DAILY STATISTICS
 INST DEPTH=35M
 SONIC DEPTH=44M

BEGINNING: 07/07/85
 ENDING: 10/01/85

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
07/07/85	0.63	0.44	0.82	0.83	0.57	1.11	1.104	.967	1.255
07/08/85	0.72	0.31	0.97	0.80	0.49	1.64	1.041	.863	1.412
07/09/85	0.69	0.50	0.94	1.00	0.71	1.32	1.127	1.016	1.279
07/10/85	0.87	0.51	1.12	0.96	0.62	1.66	1.088	.848	1.334
07/11/85	1.03	0.92	1.11	1.03	0.69	1.55	1.140	.994	1.329
07/12/85	0.96	0.76	1.11	0.79	0.35	1.51	1.136	.891	1.718
07/13/85	0.69	0.47	0.87	0.68	0.38	1.49	1.159	.925	1.771
07/14/85	0.91	0.71	1.14	0.58	0.25	1.20	1.103	.845	1.777
07/15/85	0.77	0.48	1.17	0.64	0.16	1.40	1.123	.710	1.792
07/16/85	0.99	0.78	1.18	0.60	0.22	1.29	1.197	.746	1.809
07/17/85	1.03	0.75	1.21	0.38	0.24	0.66	1.028	.852	1.251
07/18/85	0.98	0.87	1.09	0.68	0.21	1.47	1.169	.834	1.872
07/19/85	0.75	0.57	1.03	0.91	0.27	1.73	1.183	.956	1.449
07/20/85	0.85	0.66	1.05	0.88	0.57	1.29	1.130	.903	1.427
07/21/85	1.34	1.08	1.66	0.44	0.10	0.97	.847	.710	1.113
07/22/85	0.98	0.79	1.24	0.46	0.23	0.68	.832	.735	1.004
07/23/85	0.96	0.81	1.08	0.48	0.25	0.96	.845	.707	1.350
07/24/85	1.25	1.06	1.41	1.11	0.77	1.58	1.209	.891	1.430
07/25/85	1.43	1.09	1.69	1.22	0.62	2.69	1.170	.898	1.790
07/26/85	1.51	1.32	1.68	0.84	0.57	1.23	.947	.804	1.159
07/27/85	1.58	1.46	1.70	1.09	0.70	1.75	1.206	.802	>6.0
07/28/85	1.41	1.19	1.68	1.16	0.74	1.95	.964	.732	1.402
07/29/85	1.39	1.12	1.66	1.79	0.98	3.00	1.499	.799	>6.0
07/30/85	1.60	1.40	1.81	2.42	1.77	3.56	1.213	.873	1.947
07/31/85	1.65	1.55	1.77	2.34	1.25	3.33	1.262	.853	2.151
08/01/85	1.44	1.35	1.58	2.55	1.61	3.80	1.417	1.033	1.847
08/02/85	1.61	1.40	1.75	1.95	1.29	3.21	1.327	.781	2.878
08/03/85	1.68	1.48	1.86	2.11	1.01	2.88	1.164	.869	1.470
08/04/85	1.73	1.52	1.89	1.56	1.06	2.83	1.069	.863	1.667
08/05/85	1.83	1.71	1.94	2.60	1.66	4.36	1.302	.913	1.822
08/06/85	1.88	1.71	1.95	2.22	1.54	3.09	1.328	1.109	1.669
08/07/85	2.12	1.93	2.34	2.10	1.23	2.83	1.491	1.223	2.065
08/08/85	2.32	1.94	2.61	1.57	1.07	2.17	1.276	1.169	1.518
08/09/85	2.46	2.30	2.64	1.86	1.49	2.41	1.282	1.198	1.408
08/10/85	2.20	1.88	2.48	1.20	0.88	1.68	1.262	1.059	1.383
08/11/85	1.86	1.62	2.01	0.91	0.65	1.61	1.178	1.086	1.425
08/12/85	1.94	1.68	2.30	0.82	0.54	1.08	1.104	1.036	1.196
08/13/85	2.03	1.71	2.45	0.88	0.69	1.05	1.154	1.058	1.240
08/14/85	2.06	1.78	2.26	0.81	0.50	1.09	1.120	1.014	1.257
08/15/85	1.99	1.85	2.12	0.86	0.49	1.48	1.011	.897	1.126
08/16/85	2.03	1.86	2.25	0.86	0.40	1.24	1.061	.887	1.236
08/17/85	2.08	1.63	2.30	0.66	0.41	1.07	1.096	.764	1.348
08/18/85	1.96	1.49	2.30	0.78	0.40	1.33	.945	.741	1.309
08/19/85	1.93	1.74	2.20	0.72	0.42	1.52	1.023	.912	1.169
08/20/85	1.84	1.30	2.17	0.67	0.46	0.93	1.006	.852	1.122
08/21/85	1.70	1.28	2.31	0.85	0.41	1.20	.984	.902	1.158
08/22/85	2.11	2.01	2.26	0.57	0.34	0.82	1.103	1.047	1.156
08/23/85	1.91	1.67	2.12	0.75	0.49	1.33	1.129	1.020	1.173

MOORING=08A
 LATITUDE=64-37.0'N
 LONGITUDE=170-54.1'W

DAILY STATISTICS
 INST DEPTH=35M
 SONIC DEPTH=44M

BEGINNING: 07/07/85
 ENDING: 10/01/85

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
08/24/85	1.60	1.56	1.79	0.69	0.42	1.19	1.077	.970	1.155
08/25/85	1.78	1.37	2.24	0.61	0.40	0.78	.979	.914	1.045
08/26/85	2.22	1.66	2.74	0.53	0.34	0.82	.986	.880	1.205
08/27/85	2.21	1.73	2.65	0.85	0.52	1.26	1.047	.962	1.354
08/28/85	2.40	2.09	2.68	0.52	0.41	0.84	1.098	.968	1.185
08/29/85	2.70	2.35	2.91	0.54	0.32	0.74	1.103	.998	1.301
08/30/85	2.75	2.57	2.96	0.58	0.34	0.72	1.176	1.103	1.335
08/31/85	2.57	2.25	3.06	0.48	0.29	0.77	1.003	.890	1.173
09/01/85	2.44	2.28	2.64	0.36	0.26	0.48	.992	.906	1.108
09/02/85	2.28	2.12	2.38	0.50	0.30	0.78	1.086	1.021	1.217
09/03/85	1.50	0.94	2.15	0.48	0.29	0.70	1.136	1.069	1.268
09/04/85	1.73	0.98	2.28	0.50	0.32	0.67	1.075	.998	1.131
09/05/85	2.00	1.76	2.32	0.51	0.36	0.77	.975	.870	1.114
09/06/85	1.61	1.38	1.87	0.43	0.29	0.55	1.010	.909	1.097
09/07/85	1.79	1.41	2.06	0.45	0.23	0.60	1.079	.981	1.164
09/08/85	2.18	1.93	2.39	0.60	0.40	0.89	1.173	1.094	1.243
09/09/85	2.17	1.98	2.25	0.54	0.40	0.83	1.150	1.033	1.661
09/10/85	1.90	1.78	2.21	0.66	0.45	0.92	1.297	1.190	1.764
09/11/85	1.98	1.78	2.19	0.84	0.57	1.35	1.254	1.088	1.438
09/12/85	2.22	2.13	2.34	1.00	0.71	1.35	1.303	1.071	2.118
09/13/85	2.27	1.87	2.54	1.18	0.79	2.34	2.433	1.850	3.696
09/14/85	1.97	1.87	2.10	0.93	0.73	1.26	2.962	2.214	4.604
09/15/85	2.27	2.06	2.40	2.39	0.99	3.34	3.679	2.973	4.749
09/16/85	2.14	2.02	2.37	1.46	0.74	3.13	3.002	2.093	5.791
09/17/85	2.07	2.01	2.24	0.93	0.67	1.40	2.029	1.767	2.348
09/18/85	2.08	2.01	2.22	0.75	0.55	0.91	1.818	1.568	2.114
09/19/85	2.05	1.96	2.14	0.72	0.56	0.89	1.527	1.304	1.961
09/20/85	2.32	2.15	2.36	0.93	0.64	1.11	1.375	1.210	1.703
09/21/85	2.33	2.20	2.42	1.12	0.85	1.98	1.380	1.261	1.811
09/22/85	2.58	2.17	3.04	1.48	1.14	2.38	1.474	1.230	1.642
09/23/85	3.25	3.06	3.36	1.51	0.99	2.21	1.517	1.196	4.255
09/24/85	3.24	2.89	3.41	0.85	0.61	1.27	2.184	1.252	3.130
09/25/85	3.00	2.83	3.18	0.97	0.74	1.65	1.409	1.136	1.850
09/26/85	3.10	2.92	3.20	0.92	0.69	1.61	1.553	1.210	1.780
09/27/85	3.03	2.82	3.19	0.93	0.72	1.26	1.816	1.509	2.132
09/28/85	2.48	1.82	2.95	0.80	0.63	1.10	1.884	1.701	2.100
09/29/85	1.52	1.24	1.82	0.69	0.37	0.82	1.729	1.452	1.911
09/30/85	2.62	1.52	3.05	0.90	0.75	1.01	1.933	1.480	2.351
10/01/85	3.06	3.03	3.10	0.98	0.83	1.17	2.440	2.290	2.575

MOORING=10A
 LATITUDE=65-36.8'N
 LONGITUDE=168-54.2'W

DAILY STATISTICS
 INST DEPTH=20M
 SONIC DEPTH=49M

BEGINNING: 07/07/85
 ENDING: 10/02/85

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
07/07/85	0.94	0.82	1.02	5.01	4.07	5.55	-	-	-
07/08/85	1.09	0.74	1.33	4.41	3.02	6.43	-	-	-
07/09/85	1.35	1.00	1.67	5.54	3.26	7.26	-	-	-
07/10/85	1.43	1.05	1.78	5.41	3.12	7.27	-	-	-
07/11/85	1.18	1.04	1.70	5.69	3.19	>7.3	-	-	-
07/12/85	1.17	0.91	1.39	4.68	2.30	7.19	-	-	-
07/13/85	1.23	0.88	1.67	3.39	2.18	7.01	-	-	-
07/14/85	1.30	0.70	1.90	3.58	1.41	>7.3	-	-	-
07/15/85	0.88	0.64	1.27	3.49	1.51	>7.3	-	-	-
07/16/85	0.72	0.43	1.46	3.14	2.13	5.76	-	-	-
07/17/85	0.93	0.61	1.41	3.25	1.68	6.29	-	-	-
07/18/85	0.89	0.56	1.54	3.33	1.41	6.19	-	-	-
07/19/85	1.13	0.84	1.69	2.53	0.77	6.24	-	-	-
07/20/85	1.01	0.60	1.80	2.57	0.83	6.51	-	-	-
07/21/85	0.71	0.45	2.42	1.98	0.47	7.18	-	-	-
07/22/85	0.46	0.31	0.68	1.72	0.76	7.13	-	-	-
07/23/85	0.35	0.27	0.55	1.35	0.63	5.89	-	-	-
07/24/85	0.45	0.12	1.71	0.95	0.50	3.70	-	-	-
07/25/85	0.21	0.05	0.57	0.77	0.49	1.78	-	-	-
07/26/85	0.33	0.07	0.94	0.86	0.40	1.51	-	-	-
07/27/85	0.77	0.11	1.29	1.06	0.32	1.43	-	-	-
07/28/85	0.33	0.10	2.00	0.72	0.54	1.06	-	-	-
07/29/85	0.51	0.23	0.77	0.79	0.62	1.06	-	-	-
07/30/85	0.74	0.53	1.00	0.76	0.53	0.99	-	-	-
07/31/85	0.83	0.73	2.08	0.87	0.73	1.04	-	-	-
08/01/85	0.85	0.44	3.49	1.31	0.49	3.50	-	-	-
08/02/85	0.65	0.54	0.82	1.57	0.51	4.24	-	-	-
08/03/85	0.65	0.58	0.71	1.66	0.74	4.09	-	-	-
08/04/85	0.58	0.31	0.86	1.43	0.42	3.57	-	-	-
08/05/85	0.83	0.54	1.31	3.29	1.43	6.19	-	-	-
08/06/85	1.26	1.01	1.91	3.15	1.41	6.45	-	-	-
08/07/85	1.48	1.31	1.86	3.25	1.44	5.25	-	-	-
08/08/85	2.00	1.59	4.02	4.32	2.51	6.32	-	-	-
08/09/85	2.05	1.44	3.35	3.26	1.93	6.20	-	-	-
08/10/85	1.73	1.23	2.88	3.15	1.37	6.92	-	-	-
08/11/85	1.65	1.54	1.98	5.11	2.89	>7.3	-	-	-
08/12/85	1.52	1.44	1.64	3.14	1.60	7.13	-	-	-
08/13/85	1.58	1.49	1.76	1.86	1.40	3.01	-	-	-
08/14/85	1.79	1.68	1.91	2.28	1.66	4.34	-	-	-
08/15/85	1.89	1.86	1.96	3.45	2.31	5.53	-	-	-
08/16/85	2.36	1.87	2.93	2.80	1.14	6.92	-	-	-
08/17/85	1.99	1.76	2.21	3.62	1.86	5.83	-	-	-
08/18/85	1.80	1.74	1.94	2.91	1.24	6.45	-	-	-
08/19/85	1.90	1.74	2.20	1.39	0.81	3.17	-	-	-
08/20/85	2.00	1.88	2.06	0.84	0.72	0.96	-	-	-
08/21/85	1.82	1.35	2.01	0.66	0.46	0.91	-	-	-
08/22/85	1.76	1.42	2.65	0.87	0.50	1.30	-	-	-
08/23/85	2.48	1.48	4.24	0.99	0.33	2.24	-	-	-

MOORING=10A
 LATITUDE=65-36.8'N
 LONGITUDE=168-54.2'W

DAILY STATISTICS
 INST DEPTH=20M
 SONIC DEPTH=49M

BEGINNING: 07/07/85
 ENDING: 10/02/85

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
08/24/85	1.95	1.76	2.07	0.45	0.34	0.65	-	-	-
08/25/85	2.05	1.77	2.24	0.42	0.30	0.55	-	-	-
08/26/85	2.07	1.72	2.40	0.36	0.26	0.71	-	-	-
08/27/85	2.56	2.01	3.23	0.47	0.31	1.06	-	-	-
08/28/85	2.48	1.85	3.08	1.64	0.54	6.16	-	-	-
08/29/85	2.56	1.93	3.93	1.77	0.98	6.58	-	-	-
08/30/85	3.90	2.96	5.62	1.73	1.00	3.81	-	-	-
08/31/85	3.11	1.99	4.61	1.39	0.72	3.32	-	-	-
09/01/85	2.29	1.92	3.64	0.91	0.75	1.08	-	-	-
09/02/85	3.22	2.18	6.64	0.99	0.80	1.81	-	-	-
09/03/85	5.31	4.44	7.42	1.46	1.06	2.24	-	-	-
09/04/85	5.19	4.78	5.96	1.47	1.15	1.78	-	-	-
09/05/85	4.98	4.37	6.14	1.30	1.04	1.71	-	-	-
09/06/85	3.51	2.85	4.88	1.06	0.72	2.40	-	-	-
09/07/85	2.80	1.89	3.40	0.76	0.64	0.91	-	-	-
09/08/85	3.30	2.57	4.16	0.91	0.68	2.34	-	-	-
09/09/85	3.31	2.74	3.87	0.84	0.69	1.71	-	-	-
09/10/85	4.55	3.86	5.40	1.42	0.66	3.12	-	-	-
09/11/85	5.29	5.09	5.75	2.46	1.41	3.87	-	-	-
09/12/85	5.83	5.24	6.38	1.32	0.83	2.77	-	-	-
09/13/85	6.24	5.18	7.38	1.17	0.72	1.89	-	-	-
09/14/85	7.50	7.12	7.70	1.01	0.78	1.36	-	-	-
09/15/85	6.56	6.06	7.01	0.70	0.48	1.23	-	-	-
09/16/85	6.49	5.87	6.90	0.94	0.47	1.14	-	-	-
09/17/85	6.47	5.47	7.23	0.54	0.35	0.81	-	-	-
09/18/85	5.75	5.17	6.27	0.81	0.42	1.17	-	-	-
09/19/85	5.93	5.26	6.28	0.94	0.48	1.53	-	-	-
09/20/85	5.88	4.29	6.91	0.67	0.47	0.82	-	-	-
09/21/85	3.99	3.29	4.34	1.03	0.61	1.50	-	-	-
09/22/85	3.78	3.05	4.31	0.75	0.49	1.21	-	-	-
09/23/85	3.19	2.93	4.11	0.94	0.71	1.15	-	-	-
09/24/85	2.80	2.24	3.35	0.97	0.64	2.33	-	-	-
09/25/85	2.58	2.32	2.88	1.17	0.88	2.15	-	-	-
09/26/85	2.48	2.10	2.64	1.14	0.75	1.71	-	-	-
09/27/85	2.53	2.12	2.99	1.18	0.71	1.91	-	-	-
09/28/85	3.24	2.55	3.93	0.94	0.76	1.21	-	-	-
09/29/85	4.17	4.01	4.58	1.05	0.79	1.31	-	-	-
09/30/85	4.26	2.90	4.90	1.04	0.75	1.47	-	-	-
10/01/85	3.02	2.77	4.15	1.00	0.66	1.12	-	-	-
10/02/85	2.55	2.11	3.07	1.02	0.87	1.12	-	-	-

MOORING=10A
 LATITUDE=65-36.8'N
 LONGITUDE=168-54.2'W

DAILY STATISTICS
 INST DEPTH=40M
 SONIC DEPTH=49M

BEGINNING: 07/07/85
 ENDING: 10/02/85

DATE	TEMPERATURE(C)			CHL(UG/L)			ATTENUATION(1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
07/07/85	0.89	0.82	0.95	-	-	-	1.994	1.755	2.194
07/08/85	1.05	0.67	1.35	-	-	-	2.054	1.485	3.491
07/09/85	1.30	0.99	1.57	-	-	-	2.399	1.182	5.480
07/10/85	1.40	1.03	1.71	-	-	-	2.222	1.207	3.660
07/11/85	1.18	1.04	1.63	-	-	-	2.145	1.334	4.823
07/12/85	1.16	0.96	1.38	-	-	-	2.547	1.517	>6.0
07/13/85	1.21	0.88	1.67	-	-	-	4.734	2.375	>6.0
07/14/85	1.25	0.70	1.88	-	-	-	4.403	2.164	>6.0
07/15/85	0.83	0.66	1.12	-	-	-	5.268	1.333	>6.0
07/16/85	0.69	0.43	1.44	-	-	-	3.674	1.747	>6.0
07/17/85	0.83	0.59	1.22	-	-	-	4.000	1.432	>6.0
07/18/85	0.86	0.57	1.32	-	-	-	4.187	1.392	>6.0
07/19/85	1.03	0.77	1.64	-	-	-	4.947	1.146	>6.0
07/20/85	0.95	0.61	1.72	-	-	-	3.189	1.421	>6.0
07/21/85	0.61	0.42	0.83	-	-	-	4.028	1.340	>6.0
07/22/85	0.43	0.30	0.65	-	-	-	3.514	1.204	>6.0
07/23/85	0.33	0.25	0.58	-	-	-	3.293	1.444	>6.0
07/24/85	0.28	0.11	0.64	-	-	-	3.952	1.342	>6.0
07/25/85	0.13	0.06	0.26	-	-	-	3.069	1.434	>6.0
07/26/85	0.22	0.08	0.53	-	-	-	1.916	1.139	4.406
07/27/85	0.66	0.13	1.33	-	-	-	2.055	1.289	3.856
07/28/85	0.25	0.09	0.71	-	-	-	1.484	1.164	2.145
07/29/85	0.49	0.22	0.65	-	-	-	1.285	1.176	1.455
07/30/85	0.73	0.54	0.86	-	-	-	1.163	1.087	1.297
07/31/85	0.77	0.71	0.82	-	-	-	1.185	1.116	1.335
08/01/85	0.59	0.51	0.75	-	-	-	1.427	1.198	2.921
08/02/85	0.64	0.56	0.71	-	-	-	1.440	1.116	2.631
08/03/85	0.66	0.60	0.72	-	-	-	1.304	1.168	1.502
08/04/85	0.56	0.31	0.82	-	-	-	1.343	1.115	1.879
08/05/85	0.85	0.54	1.25	-	-	-	1.568	1.136	5.480
08/06/85	1.28	1.02	1.78	-	-	-	1.600	1.167	2.183
08/07/85	1.46	1.32	1.71	-	-	-	1.967	1.527	3.112
08/08/85	1.80	1.51	2.46	-	-	-	2.246	1.762	3.767
08/09/85	1.79	1.44	2.14	-	-	-	3.354	1.460	>6.0
08/10/85	1.52	1.23	2.45	-	-	-	2.182	1.441	3.952
08/11/85	1.62	1.53	1.77	-	-	-	2.668	1.323	4.184
08/12/85	1.49	1.43	1.62	-	-	-	2.486	1.564	4.293
08/13/85	1.56	1.48	1.72	-	-	-	1.957	1.626	2.986
08/14/85	1.78	1.67	1.88	-	-	-	1.846	1.448	3.307
08/15/85	1.85	1.81	1.92	-	-	-	1.270	1.167	1.592
08/16/85	2.08	1.84	2.31	-	-	-	1.439	1.111	1.979
08/17/85	1.97	1.78	2.11	-	-	-	1.917	1.380	3.620
08/18/85	1.80	1.74	1.88	-	-	-	1.547	1.269	1.969
08/19/85	1.85	1.75	2.11	-	-	-	1.350	1.186	1.936
08/20/85	2.01	1.86	2.08	-	-	-	1.562	1.393	2.068
08/21/85	2.01	1.99	2.04	-	-	-	1.585	1.310	2.188
08/22/85	1.92	1.79	2.01	-	-	-	1.368	1.293	1.544
08/23/85	1.94	1.78	2.21	-	-	-	1.404	1.240	2.109

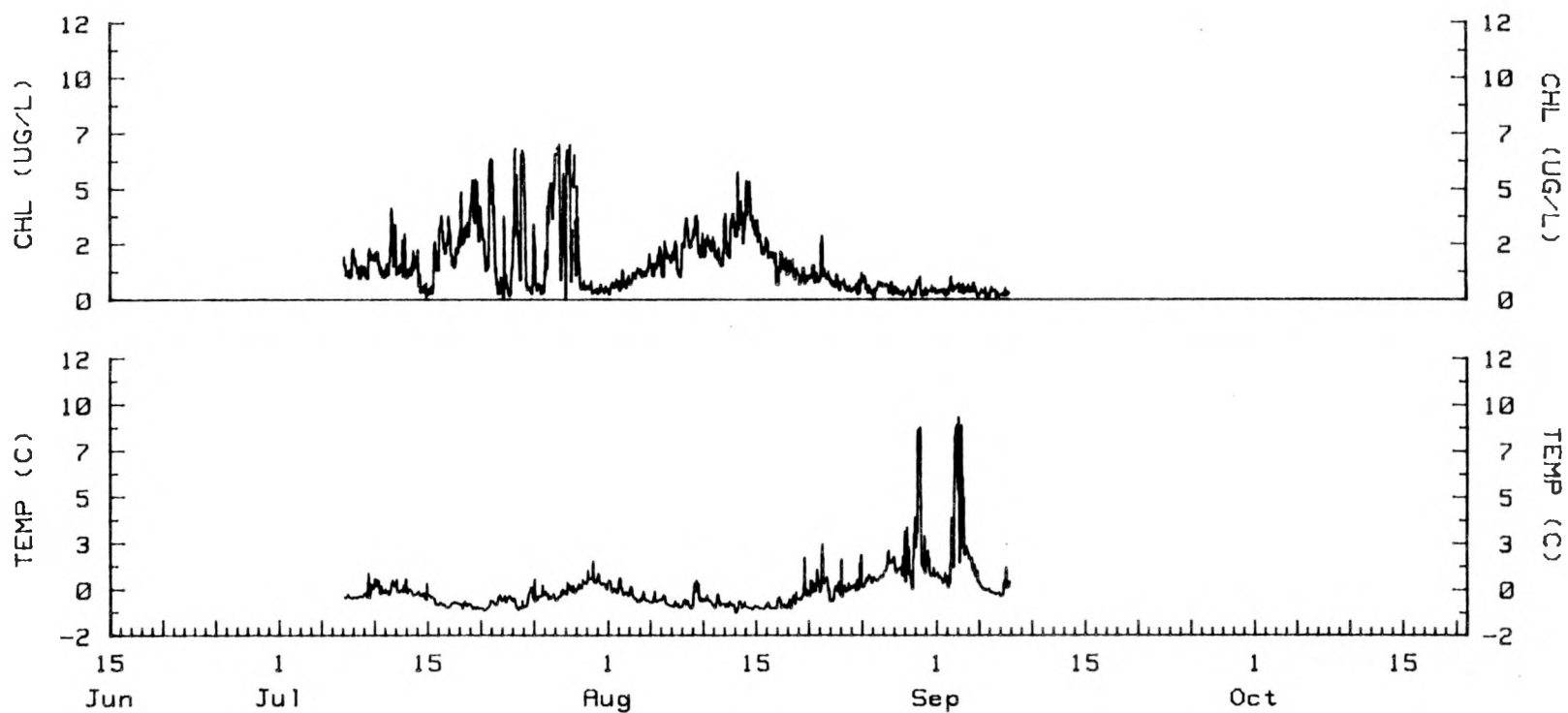
MOORING=10A
 LATITUDE=65-36.8'N
 LONGITUDE=168-54.2'W

DAILY STATISTICS
 INST DEPTH=40M
 SONIC DEPTH=49M

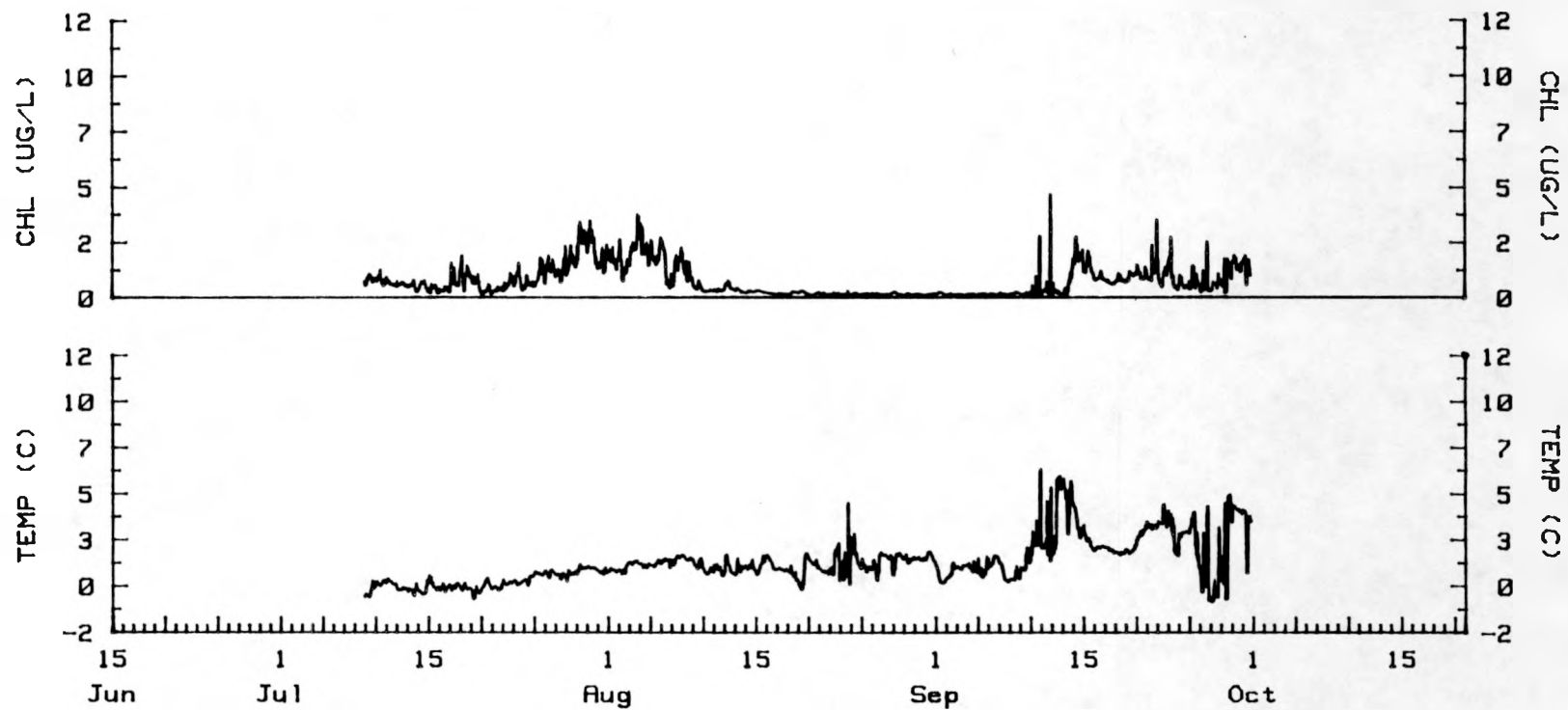
BEGINNING: 07/07/85
 ENDING: 10/02/85

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
08/24/85	2.01	1.84	2.08	-	-	-	1.573	1.352	1.688
08/25/85	2.15	2.05	2.26	-	-	-	1.565	1.461	1.646
08/26/85	2.12	1.70	2.45	-	-	-	1.797	1.526	2.429
08/27/85	2.55	1.97	3.13	-	-	-	2.167	1.718	4.505
08/28/85	2.43	1.83	3.04	-	-	-	3.046	1.714	>6.0
08/29/85	2.24	1.92	3.42	-	-	-	2.374	1.806	3.339
08/30/85	3.40	2.59	4.15	-	-	-	1.835	1.555	2.490
08/31/85	2.70	1.97	3.59	-	-	-	1.883	1.590	2.587
09/01/85	2.02	1.84	2.31	-	-	-	2.477	1.953	3.501
09/02/85	2.76	2.11	3.95	-	-	-	3.152	2.472	4.096
09/03/85	4.47	3.47	5.15	-	-	-	3.163	2.347	5.459
09/04/85	4.91	4.52	5.23	-	-	-	2.378	2.033	3.823
09/05/85	4.64	4.02	5.53	-	-	-	2.402	1.940	4.641
09/06/85	3.05	2.67	4.34	-	-	-	2.440	2.063	2.995
09/07/85	2.62	1.77	3.40	-	-	-	2.382	1.575	3.865
09/08/85	2.98	2.29	3.82	-	-	-	2.170	1.725	3.832
09/09/85	3.19	2.79	3.86	-	-	-	1.930	1.410	3.446
09/10/85	3.88	3.42	4.18	-	-	-	1.758	1.361	2.434
09/11/85	4.67	4.14	5.06	-	-	-	1.353	1.162	1.730
09/12/85	4.58	4.04	5.37	-	-	-	1.566	1.088	2.047
09/13/85	5.36	4.68	6.53	-	-	-	1.769	1.223	2.338
09/14/85	6.71	5.84	7.25	-	-	-	2.730	1.647	4.406
09/15/85	4.52	3.96	5.47	-	-	-	2.847	2.043	3.999
09/16/85	3.42	2.76	4.40	-	-	-	2.042	1.567	3.252
09/17/85	4.11	2.78	4.89	-	-	-	2.263	1.575	3.249
09/18/85	4.35	3.32	5.28	-	-	-	2.945	1.733	4.085
09/19/85	5.13	4.24	5.71	-	-	-	2.141	1.276	2.879
09/20/85	4.34	3.93	5.15	-	-	-	2.227	1.848	2.921
09/21/85	3.52	3.07	3.81	-	-	-	2.308	1.971	2.679
09/22/85	2.90	2.59	3.12	-	-	-	2.543	2.213	2.799
09/23/85	2.73	2.56	3.02	-	-	-	2.472	2.076	2.703
09/24/85	2.47	2.25	3.06	-	-	-	2.256	1.961	2.678
09/25/85	2.45	2.33	2.63	-	-	-	2.590	2.250	2.898
09/26/85	2.46	2.10	2.65	-	-	-	2.668	1.989	3.398
09/27/85	2.51	2.13	2.94	-	-	-	2.888	2.616	3.311
09/28/85	2.95	2.57	3.51	-	-	-	2.851	2.588	3.539
09/29/85	4.03	3.44	4.38	-	-	-	2.761	2.389	3.186
09/30/85	3.80	2.85	4.61	-	-	-	3.202	2.882	3.537
10/01/85	2.71	2.44	2.88	-	-	-	3.792	3.205	4.484
10/02/85	2.34	2.10	2.47	-	-	-	4.133	4.015	4.333

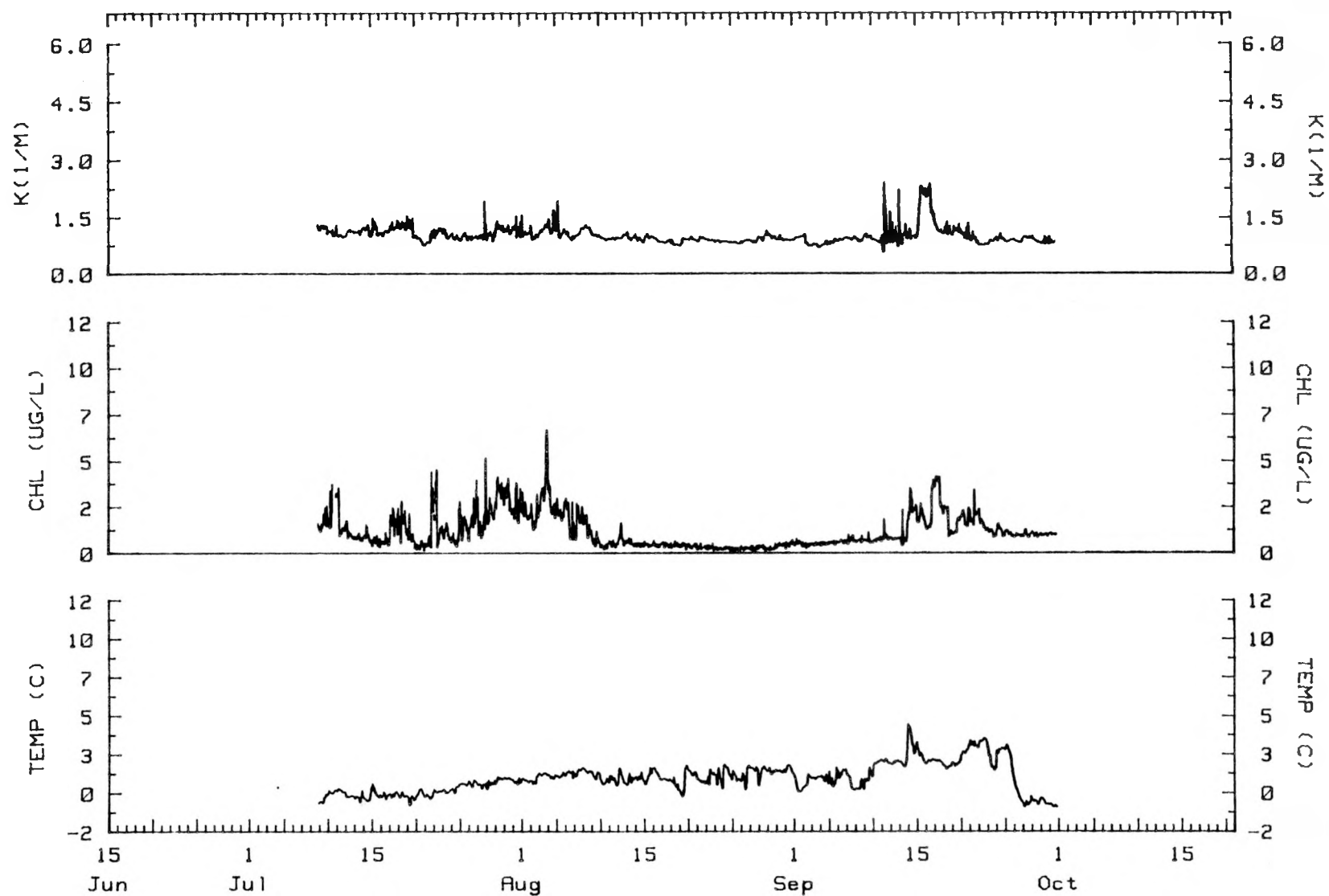
ISHTAR 1985 moorings:
Time series plots of chlorophyll a, temperature, and beam attenuation



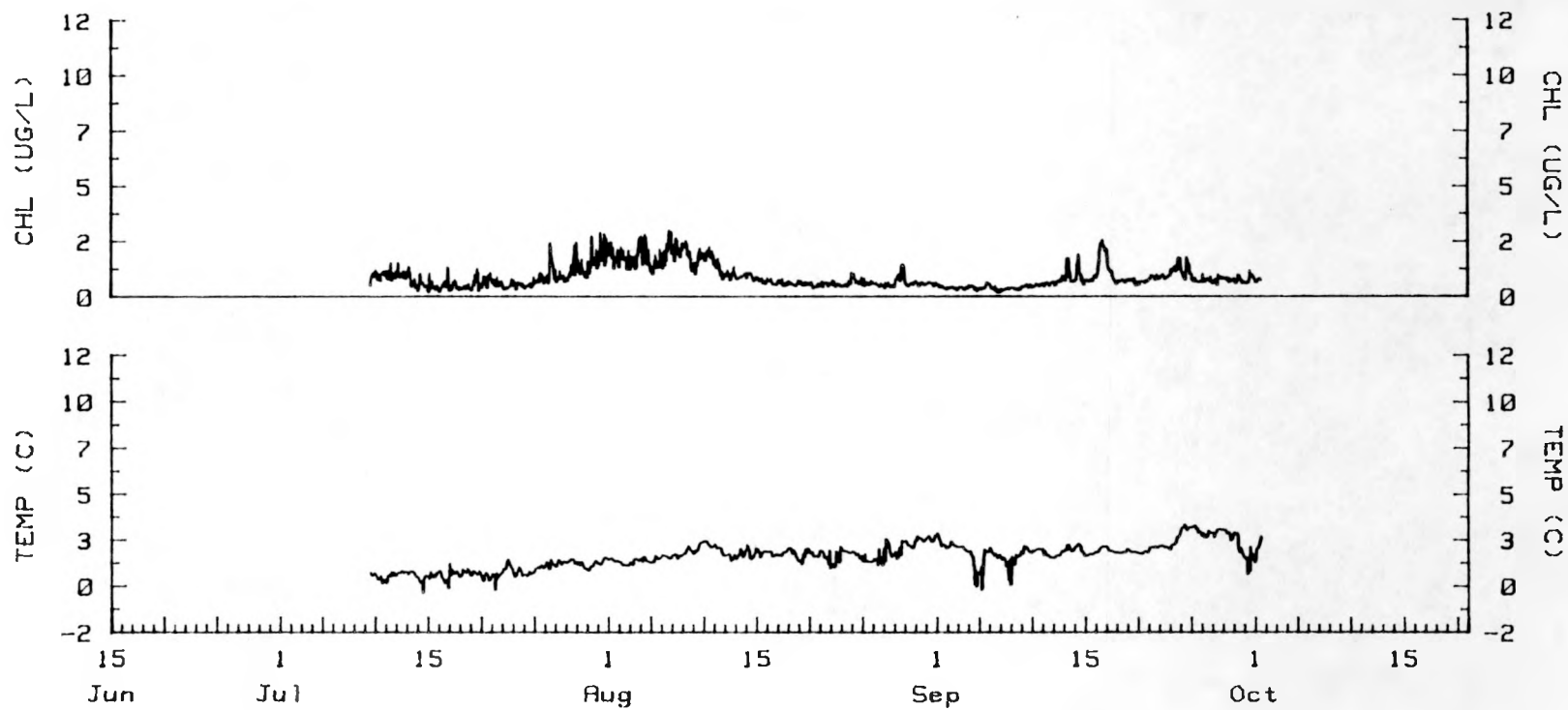
ISHTAR 1985, MOORING: 03A, LAT:62-50.0'N, LON:168-39.6'W
SONIC DEPTH: 42M, INST DEPTH: 21M, FILTER: 2HLP



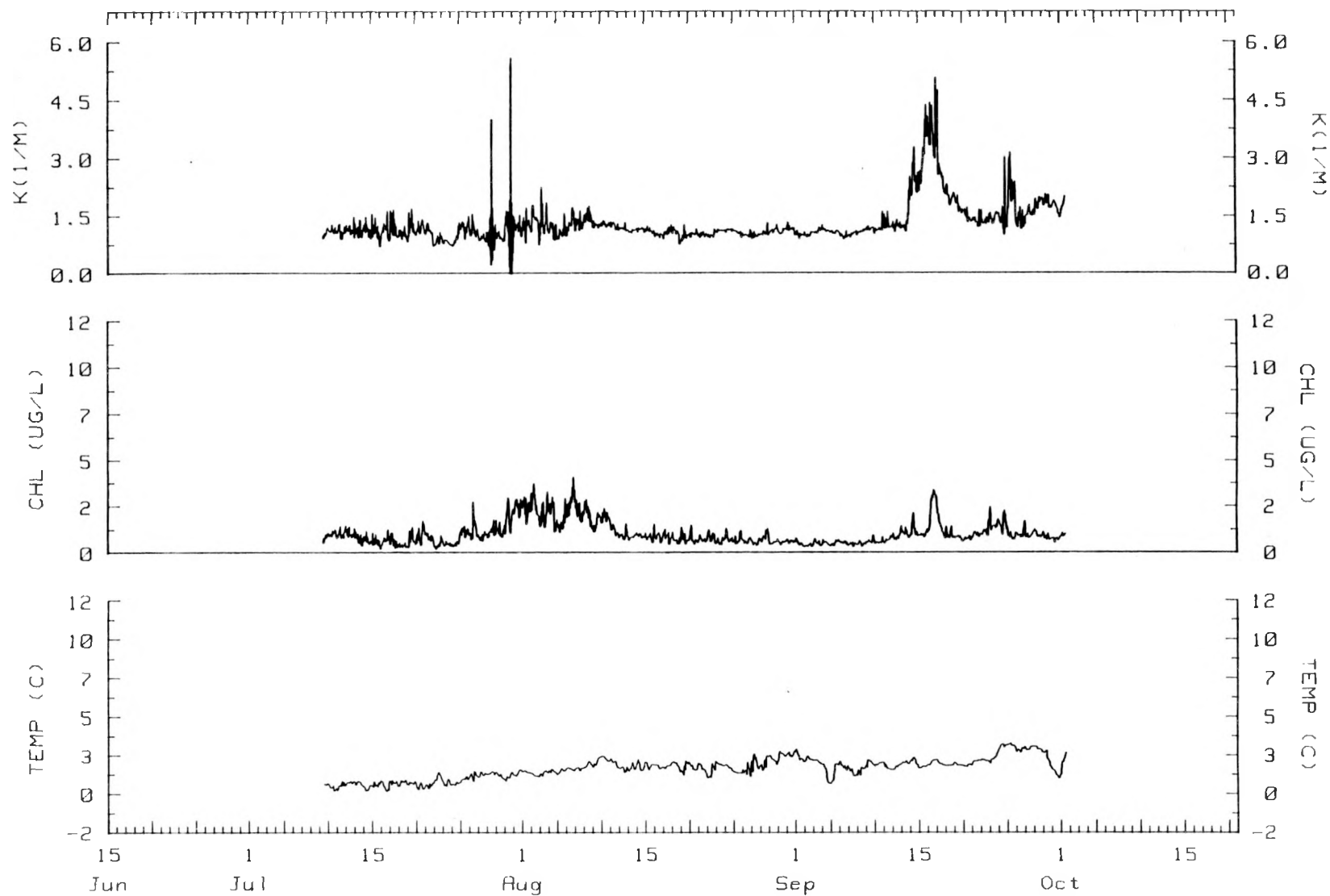
ISHTAR 1985, MOORING: 07A, LAT:64-05.5'N, LON:172-14.7'W
SONIC DEPTH: 47M, INST DEPTH: 19M, FILTER: 2HLP



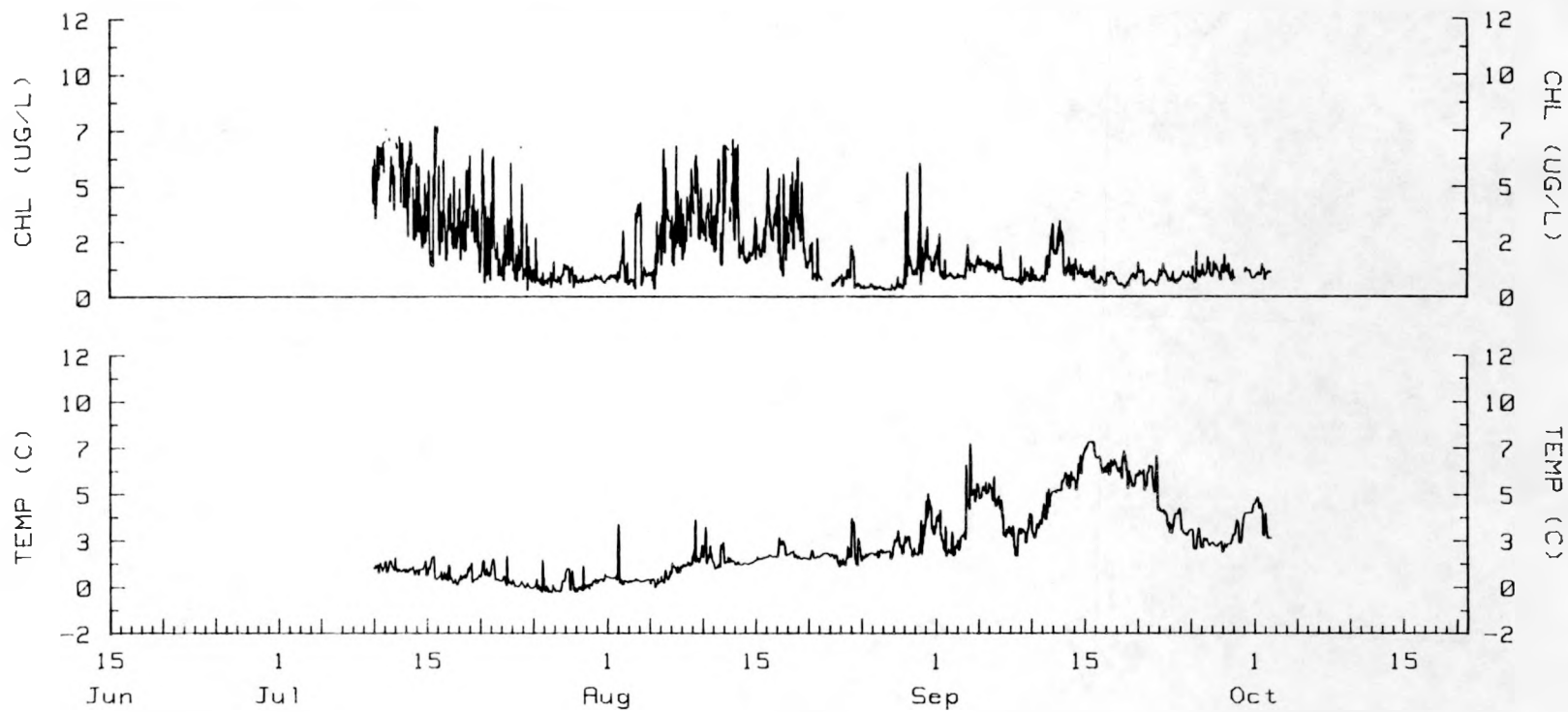
ISHTAR 1985, MOORING: 07A, LAT:64-05.5'N, LON:172-14.7'W
SONIC DEPTH: 47M, INST DEPTH: 38M, FILTER: 2HLP



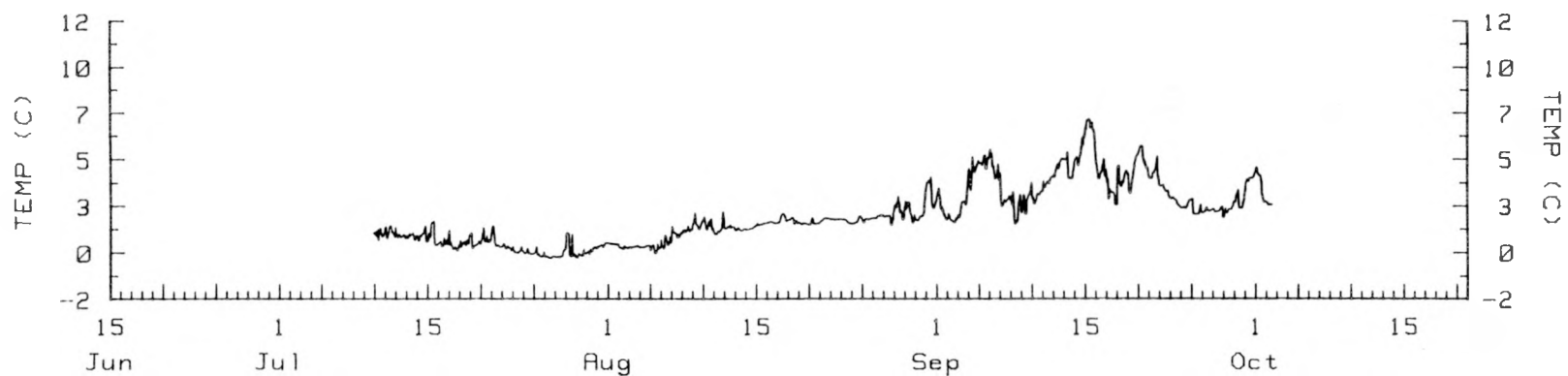
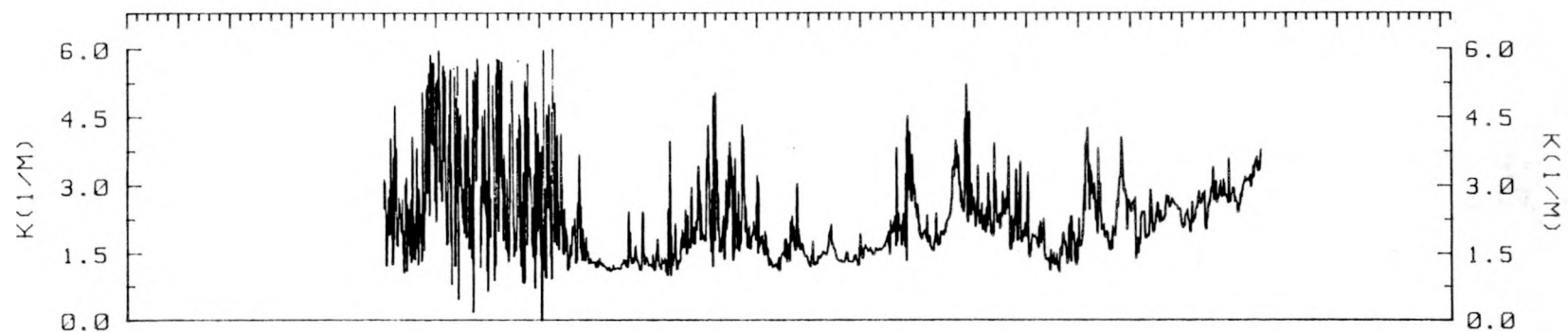
ISHTAR 1985, MOORING: DBA, LAT:64-37.0'N, LON:170-54.1'W
SONIC DEPTH: 44M, INST DEPTH: 22M, FILTER: 2HLP



ISHTAR 1985, MOORING: 08A, LAT: 64-32.0'N, LON: 170-54.1'W
 SONIC DEPTH: 44M, INST DEPTH: 35M, FILTER: 2HLP



ISHTAR 1985, MOORING: 10A, LAT: 65-36.8'N, LON: 168-54.2'W
SONIC DEPTH: 49M, INST DEPTH: 20M, FILTER: 2HLP



ISHTAR 1985, MOORING: 10A, LAT: 65-36.8'N, LON: 168-54.2'W
 SONIC DEPTH: 49M, INST DEPTH: 40M, FILTER: 2HLP

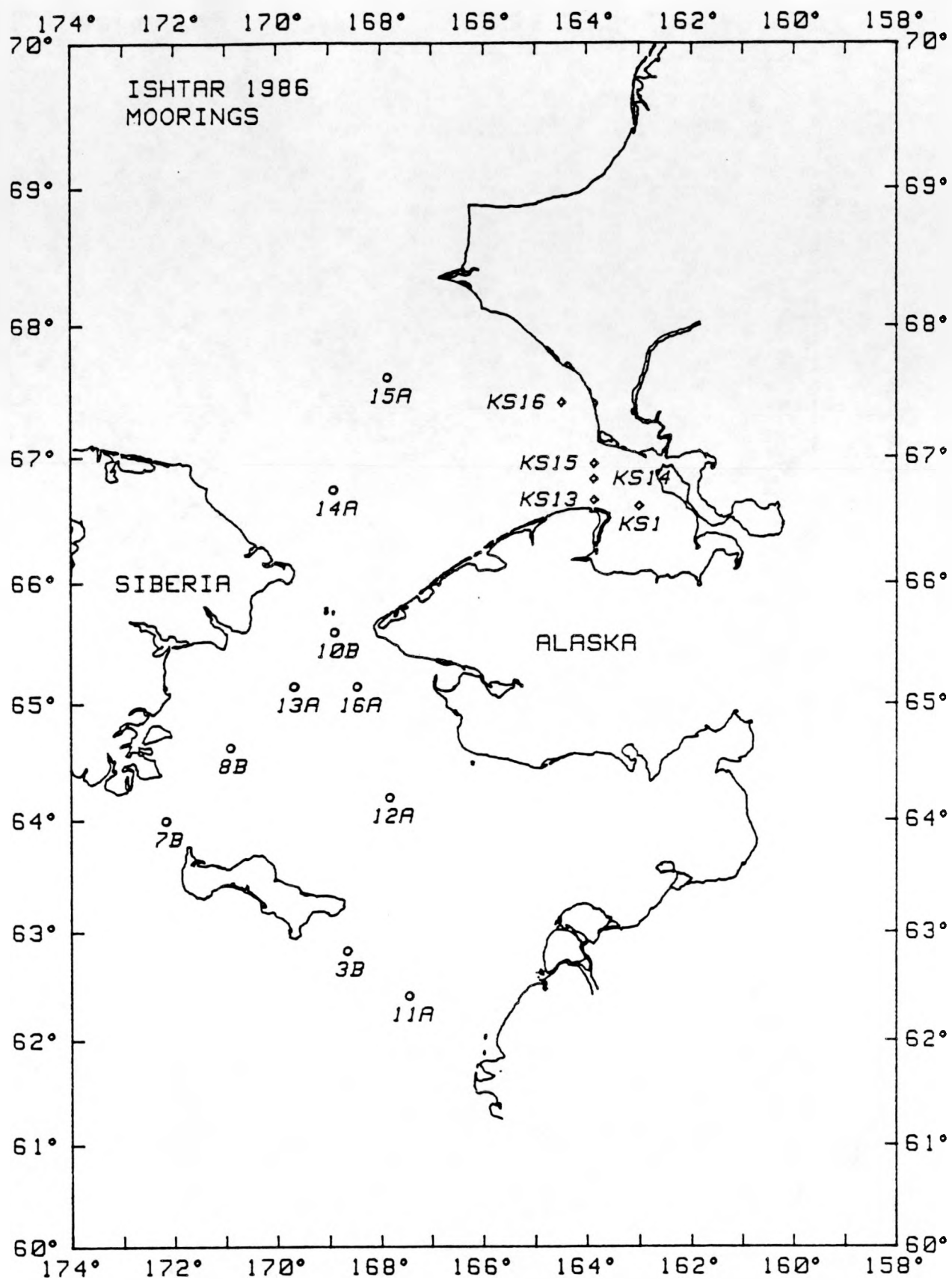


Figure 2. ISHTAR 1986 mooring locations.

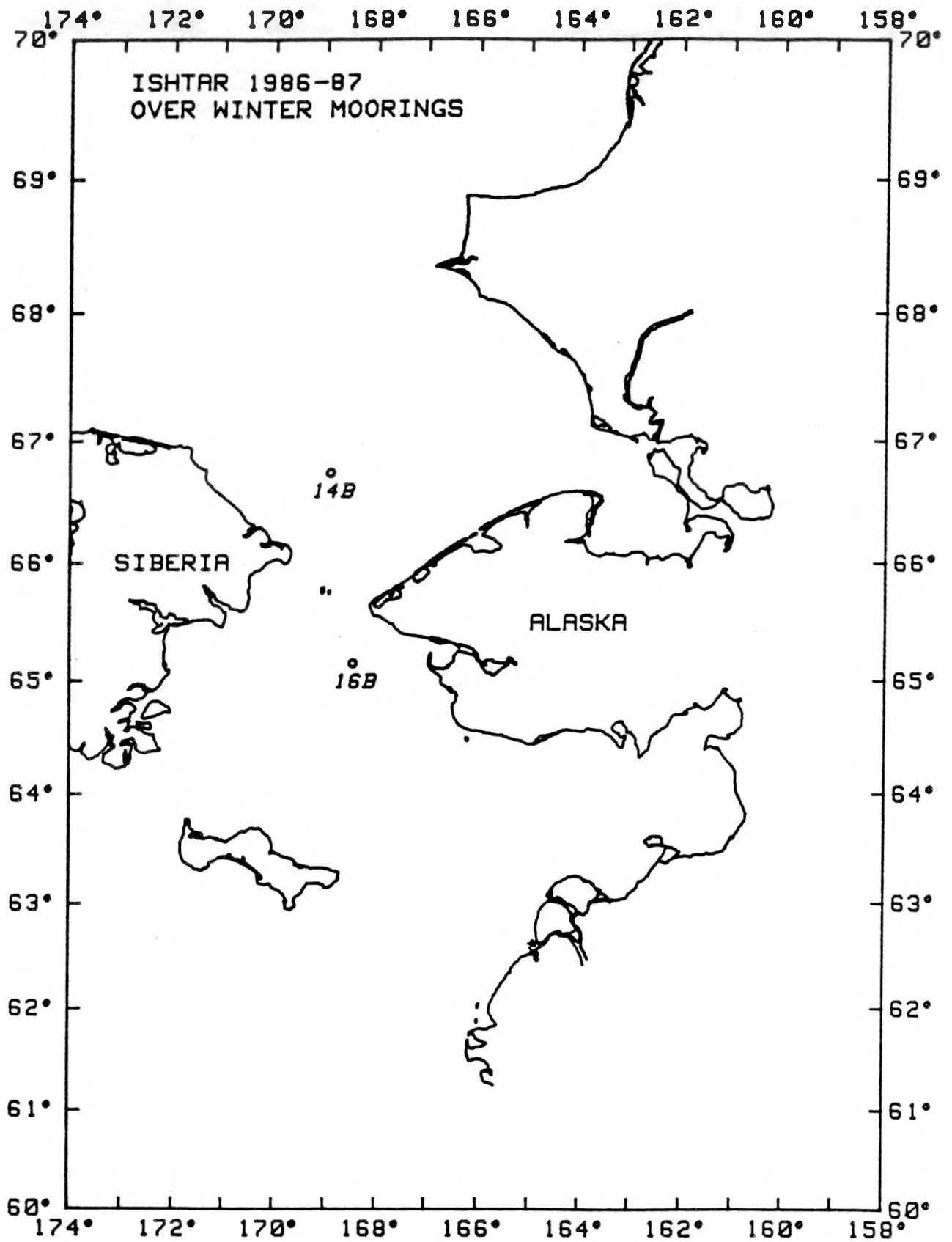


Figure 3. ISHTAR 1986-87 mooring locations.

Table 4. Locations of the 1986 summer and 1986-87 winter ISHTAR moorings.

1986 AND 1986-87 MOORING SUMMARY

Mooring ID	Latitude °N	Longitude °W	Sounding (m)	Deployed mm/dd/yy	Recovered mm/dd/yy
ISH-03B	62°50.0	168°39.9	42.0	07/04/86	09/18/86
ISH-07B	64°00.0	172°10.0	55.0	07/05/86	09/19/86
ISH-08B	64°38.0	170°54.2	46.0	07/05/86	09/20/86
ISH-10B	65°36.0	168°54.0	51.0	07/06/86	09/21/86
ISH-11A	62°25.0	167°27.0		07/04/86	lost
ISH-12A	64°12.0	167°50.0	37.0	07/06/86	09/25/86
ISH-13A	65°09.0	169°41.1	47.0	07/06/86	09/20/86
ISH-14A	66°45.0	168°55.0	43.0	07/07/86	09/24/86
ISH-15A	67°36.9	167°51.9	47.5	07/08/86	09/23/86
ISH-16A	65°09.0	168°29.0	48.5	07/06/86	09/21/86
ISH-14B	66°44.8	168°54.7	42.0	09/23/86	07/13/87
ISH-16B	65°09.3	168°28.0	49.5	09/24/86	07/12/87

Table 5. Performance of moored fluorometer sensors during the 1986 summer and 1986-87 winter deployments.

1986 AND 1986-1987 SENSOR PERFORMANCE

Mooring ID	Sounding (m)	Sensor	Depth (m)	Start mm/dd/yy	Stop mm/dd/yy
ISH-3B	42	FL	17	07/04/86	09/18/86
		T	17	07/04/86	09/18/86
		FL	35	07/04/86	09/18/86
		T	35	07/04/86	09/18/86
		TR	35	07/04/86	09/18/86
ISH-7B	55	FL	17	07/05/86	09/19/86
		T	17	07/05/86	09/19/86
		FL	47	07/05/86	09/19/86
		T	47	07/05/86	09/19/86
		TR	47	07/05/86	09/19/86
ISH-8B	46	L	14	07/05/86	9/20/86
		FL	16	07/05/86	Gap
		T	16	07/05/86	09/20/86
		FL	39	07/05/86	09/20/86
		T	39	07/05/86	09/20/86
		TR	39	07/05/86	09/20/86
ISH-10B	51	FL	15	07/06/86	09/21/86
		T	15	07/06/86	09/21/86
		FL	44	07/06/86	09/21/86
		T	44	07/06/86	09/21/86
		TR	44	07/06/86	09/21/86
ISH-12A	37	FL	17	07/06/86	Flooded
		T	17	07/06/86	Flooded
ISH-13A	47	L	13	07/06/86	Gaps
		FL	15	07/06/86	Gaps
		T	15	07/06/86	Gaps
		FL	40	07/06/86	09/20/86
		T	40	07/06/86	09/20/86
		TR	40	07/06/86	09/20/86
ISH-14A	43	FL	17	07/07/86	Gaps
		T	17	07/07/86	09/24/86
		FL	36	07/07/86	Failed
		T	36	07/07/86	09/24/86
		TR	36	07/07/86	09/24/86
ISH-15A	48	FL	40	07/08/86	Gaps
		T	40	07/08/86	09/23/86

ISH-16A	49	FL	23	07/06/86	09/21/86
		T	23	07/06/86	09/21/86
ISH-14B	42	FL	35	Failed at launch	
		T	35	09/23/86	06/14/87
		TR	35	09/23/86	06/14/87
ISH-16B	49	FL	42	09/24/86	05/26/87
		T	42	09/24/86	05/26/87
		TR	42	09/24/86	05/26/87

FL-Fluorescence; L-Light; T-Temperature; TR-Light Transmission

Table 6. Daily statistics for the 1986 summer and 1986-87 over winter fluorometer sensors.

MOORING=03B
 LATITUDE=62-50.0'N
 LONGITUDE=168-39.9'W

DAILY STATISTICS
 INST DEPTH=17M
 SONIC DEPTH=42M

BEGINNING: 07/04/86
 ENDING: 09/18/86

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
07/04/86	1.33	1.22	1.49	1.57	1.37	1.75	-	-	-
07/05/86	1.34	1.19	1.57	1.53	1.04	1.91	-	-	-
07/06/86	1.39	1.27	1.44	1.52	0.78	2.06	-	-	-
07/07/86	1.42	1.35	1.54	1.56	1.13	2.03	-	-	-
07/08/86	1.43	1.34	1.68	1.49	1.13	1.89	-	-	-
07/09/86	1.43	1.39	1.60	1.31	0.97	1.85	-	-	-
07/10/86	1.41	1.19	1.54	1.37	0.92	2.24	-	-	-
07/11/86	1.46	1.29	1.54	1.13	0.85	1.78	-	-	-
07/12/86	1.44	1.38	1.57	1.06	0.82	1.31	-	-	-
07/13/86	1.43	1.32	1.56	1.13	0.76	1.68	-	-	-
07/14/86	1.37	1.23	1.58	1.01	0.77	1.31	-	-	-
07/15/86	1.65	1.38	1.91	1.07	0.76	1.72	-	-	-
07/16/86	1.57	1.05	2.36	1.00	0.74	1.51	-	-	-
07/17/86	1.63	1.14	2.46	1.10	0.45	1.84	-	-	-
07/18/86	1.50	1.05	1.89	0.80	0.26	1.21	-	-	-
07/19/86	1.12	0.73	2.27	1.25	0.31	1.79	-	-	-
07/20/86	2.33	0.86	3.44	1.57	1.04	2.08	-	-	-
07/21/86	1.44	1.06	1.97	1.56	0.98	2.03	-	-	-
07/22/86	1.44	1.16	1.76	1.49	1.01	1.89	-	-	-
07/23/86	1.44	1.24	1.67	1.68	1.48	2.13	-	-	-
07/24/86	1.46	1.23	1.93	1.69	1.29	2.26	-	-	-
07/25/86	1.32	1.15	1.60	1.61	1.24	2.03	-	-	-
07/26/86	1.19	1.07	1.33	1.77	1.31	2.45	-	-	-
07/27/86	1.30	1.12	1.77	1.67	1.21	2.24	-	-	-
07/28/86	1.16	0.83	1.77	1.49	0.98	2.46	-	-	-
07/29/86	1.76	1.58	2.23	1.41	0.98	2.07	-	-	-
07/30/86	0.69	0.48	1.75	1.61	1.17	2.57	-	-	-
07/31/86	0.55	0.47	0.76	1.44	1.19	1.86	-	-	-
08/01/86	0.90	0.59	1.24	1.89	1.26	2.90	-	-	-
08/02/86	3.98	0.89	6.98	1.38	0.33	3.49	-	-	-
08/03/86	6.29	3.68	6.99	0.53	0.09	1.85	-	-	-
08/04/86	7.02	6.81	7.13	0.38	0.22	0.51	-	-	-
08/05/86	7.03	6.94	7.15	0.34	0.20	0.64	-	-	-
08/06/86	6.85	6.06	7.05	0.43	0.25	0.89	-	-	-
08/07/86	5.06	2.10	6.95	1.12	0.37	3.76	-	-	-
08/08/86	5.75	2.32	7.01	0.84	0.10	2.94	-	-	-
08/09/86	6.60	3.75	7.00	0.40	0.13	0.80	-	-	-
08/10/86	5.10	1.36	7.01	0.88	0.35	1.68	-	-	-
08/11/86	3.95	0.57	7.04	1.65	0.48	6.25	-	-	-
08/12/86	1.24	-0.28	5.13	3.48	0.88	6.13	-	-	-
08/13/86	0.45	-0.33	2.66	3.77	1.08	6.22	-	-	-
08/14/86	1.40	-0.40	5.09	2.36	1.36	3.24	-	-	-
08/15/86	1.88	0.01	3.59	3.29	1.44	5.02	-	-	-
08/16/86	0.52	-0.29	3.67	2.52	1.66	3.40	-	-	-
08/17/86	0.33	-0.27	1.95	3.03	2.34	5.33	-	-	-
08/18/86	1.54	0.32	4.86	3.32	1.18	5.69	-	-	-
08/19/86	4.07	1.21	6.83	2.61	0.98	3.77	-	-	-
08/20/86	4.92	-0.02	7.12	1.20	0.45	3.17	-	-	-

MOORING=03B
 LATITUDE=62-50.0'N
 LONGITUDE=168-39.9'W

DAILY STATISTICS
 INST DEPTH=17M
 SONIC DEPTH=42M

BEGINNING: 07/04/86
 ENDING: 09/18/86

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
08/21/86	3.52	0.42	6.64	1.71	0.49	3.75	-	-	-
08/22/86	2.61	-0.14	6.07	3.52	0.66	8.78	-	-	-
08/23/86	1.01	0.45	1.84	2.68	1.26	3.90	-	-	-
08/24/86	1.66	0.22	6.24	1.62	0.48	3.73	-	-	-
08/25/86	1.73	0.19	5.21	2.85	0.97	8.15	-	-	-
08/26/86	2.91	1.21	4.62	4.41	2.75	8.06	-	-	-
08/27/86	5.01	1.88	5.99	1.99	0.98	2.71	-	-	-
08/28/86	6.25	4.64	7.35	1.14	0.43	2.27	-	-	-
08/29/86	7.34	7.04	7.53	0.43	0.28	0.80	-	-	-
08/30/86	6.83	5.09	7.49	0.58	0.30	1.30	-	-	-
08/31/86	5.38	3.18	7.11	0.93	0.25	3.49	-	-	-
09/01/86	4.09	-0.08	6.21	2.45	0.49	6.99	-	-	-
09/02/86	6.07	1.33	7.41	1.92	0.54	3.82	-	-	-
09/03/86	4.88	-0.42	6.83	0.69	0.43	1.34	-	-	-
09/04/86	5.67	2.35	6.51	0.79	0.56	1.20	-	-	-
09/05/86	6.22	5.24	6.84	0.75	0.49	1.00	-	-	-
09/06/86	5.72	2.50	6.06	0.99	0.79	1.17	-	-	-
09/07/86	5.58	2.41	6.36	1.02	0.62	1.57	-	-	-
09/08/86	4.42	0.64	6.02	0.86	0.42	1.19	-	-	-
09/09/86	0.98	0.11	2.54	1.23	0.86	1.59	-	-	-
09/10/86	1.76	0.04	2.47	1.20	0.80	1.93	-	-	-
09/11/86	0.99	-0.41	5.00	1.18	0.60	2.05	-	-	-
09/12/86	0.62	-0.52	5.00	1.02	0.67	1.56	-	-	-
09/13/86	1.51	-0.51	5.13	1.43	0.87	2.00	-	-	-
09/14/86	4.62	0.88	5.26	1.01	0.66	1.29	-	-	-
09/15/86	5.40	5.15	5.63	0.85	0.63	1.09	-	-	-
09/16/86	5.24	4.80	5.47	0.91	0.60	1.42	-	-	-
09/17/86	4.96	3.32	5.42	1.29	0.65	1.77	-	-	-
09/18/86	5.32	3.42	5.80	1.09	0.67	2.00	-	-	-

MOORING=03B

LATITUDE=62-50.0'N

LONGITUDE=168-39.9'W

DAILY STATISTICS

INST DEPTH=35M

SONIC DEPTH=42M

BEGINNING: 07/04/86

ENDING: 09/18/86

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
07/04/86	1.10	1.06	1.15	2.50	2.12	3.45	1.453	1.388	1.553
07/05/86	1.12	1.08	1.19	2.71	2.24	3.42	1.404	1.251	1.546
07/06/86	1.31	1.09	1.44	2.91	2.17	4.73	1.474	1.369	1.655
07/07/86	1.37	1.15	1.48	2.74	2.25	3.35	1.419	1.309	1.601
07/08/86	1.39	1.30	1.42	2.65	2.16	3.69	1.455	1.313	1.608
07/09/86	1.40	1.26	1.46	2.42	2.00	3.01	1.469	1.317	1.665
07/10/86	1.36	1.19	1.48	2.64	2.05	3.45	1.429	1.280	1.691
07/11/86	1.43	1.29	1.51	2.21	1.76	2.74	1.378	1.279	1.527
07/12/86	1.42	1.38	1.47	2.31	1.84	3.17	1.425	1.283	1.790
07/13/86	1.41	1.34	1.47	2.29	1.74	3.27	1.328	1.199	1.478
07/14/86	1.25	1.19	1.35	1.87	1.38	2.50	1.411	1.238	1.671
07/15/86	1.11	1.01	1.33	2.24	1.59	3.20	1.397	1.150	1.763
07/16/86	1.07	0.96	1.16	2.16	1.57	2.84	1.459	1.248	2.161
07/17/86	1.10	0.99	1.23	1.82	1.30	2.13	1.256	.977	1.548
07/18/86	1.41	1.03	1.59	1.55	1.15	2.09	1.023	.671	1.493
07/19/86	0.99	0.64	1.58	2.60	1.85	3.42	1.450	.983	1.824
07/20/86	1.47	0.71	2.23	3.74	1.93	5.98	5.578	1.656	>6.0
07/21/86	1.24	0.88	1.51	3.60	2.90	4.63	2.900	2.124	4.279
07/22/86	1.19	0.72	1.46	3.33	2.66	4.04	2.434	1.956	3.876
07/23/86	1.38	1.26	1.48	3.11	2.33	3.99	2.442	1.794	3.551
07/24/86	1.39	1.28	1.45	2.81	2.36	3.48	2.374	1.987	2.866
07/25/86	1.28	1.08	1.46	2.92	2.36	3.92	2.028	1.651	2.483
07/26/86	1.17	1.07	1.29	3.54	3.02	4.80	1.839	1.589	2.274
07/27/86	1.23	1.12	1.30	2.95	2.15	3.75	1.950	1.676	2.297
07/28/86	0.96	0.82	1.32	2.51	1.91	3.70	2.032	1.915	2.243
07/29/86	1.64	1.38	1.85	2.81	2.14	3.69	2.149	1.921	2.374
07/30/86	0.65	0.54	1.18	3.06	2.21	4.33	2.089	1.942	2.298
07/31/86	0.54	0.47	0.62	2.79	2.13	4.40	2.054	1.940	2.166
08/01/86	0.70	0.56	0.93	2.52	2.10	3.07	2.059	1.839	2.221
08/02/86	1.39	0.66	2.04	3.74	2.17	5.96	2.498	2.045	2.984
08/03/86	2.57	2.06	3.19	5.20	3.90	6.96	3.527	2.613	5.767
08/04/86	2.48	2.22	2.79	5.53	4.04	7.21	3.401	2.473	4.554
08/05/86	2.14	1.77	2.60	4.67	3.01	6.14	2.977	2.741	3.407
08/06/86	1.40	1.09	1.75	4.03	3.17	5.67	3.127	2.645	3.555
08/07/86	1.36	1.12	1.54	3.63	2.83	4.60	2.906	2.599	3.862
08/08/86	0.69	0.43	1.28	3.38	2.71	4.07	2.833	2.383	3.277
08/09/86	0.49	0.41	0.63	3.54	2.69	4.63	3.036	2.679	3.248
08/10/86	0.49	0.31	0.66	3.81	3.07	4.68	3.051	2.616	3.269
08/11/86	0.16	-0.26	0.74	3.89	3.03	4.50	3.228	2.918	3.601
08/12/86	-0.26	-0.46	0.10	4.14	3.43	5.13	3.044	2.644	3.516
08/13/86	-0.31	-0.52	-0.13	4.02	3.48	4.61	3.022	2.795	3.263
08/14/86	-0.31	-0.44	0.18	4.38	3.38	5.29	3.302	2.894	3.685
08/15/86	-0.32	-0.39	-0.10	4.31	3.50	5.07	3.614	3.235	4.034
08/16/86	-0.28	-0.37	-0.15	4.52	3.47	5.49	3.477	2.797	4.044
08/17/86	-0.21	-0.30	-0.13	4.61	3.79	5.54	3.237	2.812	3.523
08/18/86	-0.21	-0.24	-0.17	4.53	3.54	5.12	3.332	2.939	3.679
08/19/86	-0.19	-0.24	-0.04	5.62	4.49	7.44	3.749	2.349	>6.0
08/20/86	-0.11	-0.18	-0.00	5.47	4.58	6.98	3.051	2.296	>6.0

MOORING=03B
 LATITUDE=62-50.0'N
 LONGITUDE=168-39.9'W

DAILY STATISTICS
 INST DEPTH=35M
 SONIC DEPTH=42M

BEGINNING: 07/04/86
 ENDING: 09/18/86

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
08/21/86	0.11	-0.23	0.24	5.12	4.08	6.07	2.876	2.524	3.170
08/22/86	0.12	-0.13	0.30	4.89	3.51	5.86	2.872	2.453	3.622
08/23/86	0.55	0.04	0.84	5.74	4.32	12.20	4.402	3.190	>6.0
08/24/86	0.71	0.45	0.89	4.51	3.27	5.75	3.253	2.488	4.233
08/25/86	0.31	0.13	0.49	5.93	4.85	7.13	3.085	2.693	4.046
08/26/86	0.67	0.20	0.89	4.46	3.41	6.80	3.084	2.704	3.643
08/27/86	0.81	0.66	0.92	4.07	3.05	4.91	3.144	2.876	3.454
08/28/86	0.81	0.60	0.96	4.19	3.37	5.35	3.278	2.975	3.749
08/29/86	0.17	-0.05	0.72	3.79	2.86	4.86	3.334	2.763	3.627
08/30/86	0.20	-0.23	0.50	4.22	3.07	6.45	3.145	2.901	3.367
08/31/86	0.56	0.40	0.70	4.31	3.46	5.86	3.116	2.905	4.019
09/01/86	0.42	0.27	0.63	4.83	2.98	7.13	3.043	2.724	3.243
09/02/86	0.13	-0.10	0.56	4.39	2.60	6.30	2.944	2.594	3.313
09/03/86	-0.30	-0.49	0.01	4.85	3.19	5.85	3.118	2.861	3.293
09/04/86	-0.45	-0.52	-0.39	4.32	3.18	6.59	3.049	2.659	3.573
09/05/86	-0.06	-0.45	0.21	7.06	3.88	9.95	>6.0	2.799	>6.0
09/06/86	-0.03	-0.45	0.34	6.23	3.65	8.86	>6.0	5.106	>6.0
09/07/86	-0.40	-0.46	-0.31	3.41	2.77	4.26	4.991	4.359	>6.0
09/08/86	-0.43	-0.50	-0.29	2.91	2.17	3.98	4.870	4.110	5.323
09/09/86	0.53	-0.18	1.05	2.73	2.15	3.43	4.035	3.579	4.394
09/10/86	1.21	0.35	1.50	2.91	2.50	3.71	4.361	3.530	4.812
09/11/86	-0.22	-0.46	0.85	2.61	2.15	3.23	4.710	3.305	5.597
09/12/86	-0.47	-0.56	-0.39	2.94	2.33	3.65	5.392	4.659	5.963
09/13/86	-0.36	-0.64	-0.12	3.71	2.68	4.73	4.566	4.210	5.071
09/14/86	-0.53	-0.67	-0.46	2.94	2.16	4.66	4.514	3.862	5.544
09/15/86	-0.39	-0.51	-0.21	3.17	1.94	4.69	4.207	3.847	4.602
09/16/86	-0.38	-0.45	-0.18	4.06	2.76	5.41	4.387	3.944	5.087
09/17/86	-0.46	-0.53	-0.33	4.72	3.42	6.03	4.731	4.499	4.969
09/18/86	-0.34	-0.54	-0.20	4.04	3.05	5.13	4.915	4.291	5.345

MOORING=07B
 LATITUDE=64-00.0'N
 LONGITUDE=172-10.0'W

DAILY STATISTICS
 INST DEPTH=17M
 SONIC DEPTH=55M

BEGINNING: 07/05/86
 ENDING: 09/19/86

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
07/05/86	0.50	0.17	1.72	1.65	0.80	2.77	-	-	-
07/06/86	1.43	0.92	4.63	1.05	0.47	1.95	-	-	-
07/07/86	1.38	0.72	2.22	1.00	0.42	1.58	-	-	-
07/08/86	2.04	-0.03	6.77	0.70	0.33	1.66	-	-	-
07/09/86	4.70	1.89	6.87	0.42	0.26	0.61	-	-	-
07/10/86	5.85	2.22	6.77	0.51	0.13	1.68	-	-	-
07/11/86	5.07	2.53	6.38	1.17	0.25	3.23	-	-	-
07/12/86	5.48	3.33	6.70	0.32	0.09	0.93	-	-	-
07/13/86	6.20	2.16	6.82	0.33	0.08	0.97	-	-	-
07/14/86	5.60	2.70	7.15	0.51	0.17	1.03	-	-	-
07/15/86	2.82	0.93	5.95	1.18	0.74	1.60	-	-	-
07/16/86	2.96	-0.38	6.24	0.79	0.32	1.23	-	-	-
07/17/86	3.19	-1.30	7.39	0.75	0.15	1.16	-	-	-
07/18/86	3.87	0.39	8.17	1.07	0.50	1.75	-	-	-
07/19/86	2.38	0.11	6.73	0.87	0.56	1.18	-	-	-
07/20/86	1.03	0.23	2.47	0.84	0.61	1.17	-	-	-
07/21/86	0.54	-0.37	2.14	0.89	0.69	1.11	-	-	-
07/22/86	0.50	-0.93	2.37	0.81	0.55	1.33	-	-	-
07/23/86	0.81	0.50	1.29	0.64	0.48	0.94	-	-	-
07/24/86	0.82	0.13	1.73	0.70	0.43	1.21	-	-	-
07/25/86	1.75	0.52	3.93	0.74	0.50	1.92	-	-	-
07/26/86	3.23	1.49	6.80	0.94	0.48	1.59	-	-	-
07/27/86	1.53	0.72	3.79	0.71	0.43	1.28	-	-	-
07/28/86	0.76	0.31	2.30	0.61	0.45	0.84	-	-	-
07/29/86	0.08	-0.23	1.16	0.54	0.46	0.73	-	-	-
07/30/86	0.61	-0.27	1.69	0.74	0.50	1.72	-	-	-
07/31/86	1.24	-0.33	5.71	0.78	0.40	1.70	-	-	-
08/01/86	4.02	0.55	6.68	0.93	0.44	1.32	-	-	-
08/02/86	4.68	3.11	5.14	1.24	0.86	1.50	-	-	-
08/03/86	4.90	0.06	5.88	1.37	0.52	1.74	-	-	-
08/04/86	3.42	0.10	5.38	0.94	0.57	1.44	-	-	-
08/05/86	5.00	2.95	6.39	0.89	0.13	1.47	-	-	-
08/06/86	5.70	3.03	6.49	0.29	0.07	1.16	-	-	-
08/07/86	5.42	2.92	6.48	0.19	0.02	0.32	-	-	-
08/08/86	6.02	5.22	6.37	0.16	0.03	0.34	-	-	-
08/09/86	5.23	2.74	6.44	0.16	0.01	0.30	-	-	-
08/10/86	4.78	1.71	7.10	0.46	0.08	0.89	-	-	-
08/11/86	6.94	5.36	7.35	0.34	0.12	1.08	-	-	-
08/12/86	6.60	1.84	7.71	0.89	0.20	1.78	-	-	-
08/13/86	2.63	1.35	5.01	0.35	0.14	0.64	-	-	-
08/14/86	4.97	0.91	7.38	1.34	0.35	3.23	-	-	-
08/15/86	6.28	3.08	7.58	0.71	0.20	3.20	-	-	-
08/16/86	4.64	0.46	7.14	0.99	0.18	2.18	-	-	-
08/17/86	4.39	1.05	6.64	0.70	0.42	1.65	-	-	-
08/18/86	5.97	3.82	7.06	0.67	0.45	0.87	-	-	-
08/19/86	5.95	5.45	6.40	1.03	0.88	1.23	-	-	-
08/20/86	6.22	5.12	7.26	1.14	0.37	1.84	-	-	-
08/21/86	7.22	6.92	7.56	0.41	0.22	0.76	-	-	-

MOORING=07B
 LATITUDE=64-00.0'N
 LONGITUDE=172-10.0'W

DAILY STATISTICS
 INST DEPTH=17M
 SONIC DEPTH=55M

BEGINNING: 07/05/86
 ENDING: 09/19/86

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
08/22/86	7.30	7.00	7.48	0.44	0.29	0.53	-	-	-
08/23/86	6.63	6.27	6.98	0.47	0.24	0.60	-	-	-
08/24/86	5.65	5.20	6.23	0.40	0.26	0.52	-	-	-
08/25/86	4.76	3.47	5.43	0.61	0.31	0.94	-	-	-
08/26/86	3.20	2.32	3.78	1.08	0.89	1.24	-	-	-
08/27/86	3.08	2.78	3.56	1.18	0.82	1.35	-	-	-
08/28/86	4.41	2.95	4.98	1.24	0.80	1.51	-	-	-
08/29/86	6.33	4.95	6.77	0.86	0.06	2.71	-	-	-
08/30/86	1.72	-0.97	6.74	0.54	0.15	1.14	-	-	-
08/31/86	2.25	-1.17	5.97	3.26	0.41	9.61	-	-	-
09/01/86	4.52	-0.63	5.66	6.68	1.04	9.47	-	-	-
09/02/86	5.81	5.19	6.28	4.78	2.26	12.14	-	-	-
09/03/86	6.28	5.92	6.42	2.00	1.19	2.77	-	-	-
09/04/86	5.80	5.54	6.12	2.54	1.95	3.14	-	-	-
09/05/86	5.11	4.52	5.62	1.92	0.88	3.00	-	-	-
09/06/86	4.42	3.83	5.09	1.46	0.85	1.98	-	-	-
09/07/86	4.73	3.98	6.10	1.33	0.74	1.95	-	-	-
09/08/86	6.06	5.72	6.32	1.42	1.02	1.81	-	-	-
09/09/86	5.93	5.56	6.30	1.03	0.80	1.30	-	-	-
09/10/86	6.02	5.72	6.26	1.10	0.89	1.38	-	-	-
09/11/86	5.59	5.28	5.99	1.14	0.80	1.45	-	-	-
09/12/86	5.40	4.65	5.85	2.56	1.01	6.24	-	-	-
09/13/86	5.72	5.27	5.91	1.04	0.79	1.65	-	-	-
09/14/86	5.22	5.04	5.56	0.88	0.56	1.17	-	-	-
09/15/86	5.21	5.05	5.37	0.61	0.46	0.82	-	-	-
09/16/86	5.19	4.99	5.29	0.69	0.47	0.82	-	-	-
09/17/86	5.28	5.07	5.39	0.71	0.54	1.01	-	-	-
09/18/86	5.37	5.29	5.48	0.66	0.54	0.82	-	-	-
09/19/86	5.56	5.36	5.69	0.76	0.64	0.89	-	-	-

MOORING=07B
 LATITUDE=64-00.0'N
 LONGITUDE=172-10.0'W

DAILY STATISTICS
 INST DEPTH=47M
 SONIC DEPTH=55M

BEGINNING: 07/05/86
 ENDING: 09/19/86

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
07/05/86	0.20	0.01	0.52	2.80	2.11	3.44	1.357	1.207	1.507
07/06/86	0.92	0.53	1.61	2.13	1.31	3.35	1.220	1.111	1.361
07/07/86	1.28	0.45	1.70	2.13	1.43	3.40	1.335	1.170	1.770
07/08/86	0.75	0.66	1.01	1.60	1.03	2.28	1.089	.973	1.254
07/09/86	0.59	0.14	0.96	2.44	1.43	3.92	1.186	1.037	1.362
07/10/86	1.17	0.87	1.67	1.67	1.17	2.82	1.123	1.047	1.280
07/11/86	1.40	-0.51	1.86	1.86	0.99	3.42	1.177	1.034	1.652
07/12/86	1.30	0.23	1.55	3.20	2.00	4.88	1.335	1.111	1.467
07/13/86	1.17	0.97	1.41	2.99	2.21	3.87	1.317	1.268	1.369
07/14/86	0.69	0.29	1.49	2.54	1.55	3.43	1.526	1.006	>6.0
07/15/86	0.57	0.32	1.40	2.12	0.99	3.32	1.195	.949	1.467
07/16/86	0.91	0.52	1.24	1.35	0.82	2.40	.973	.875	1.213
07/17/86	0.72	-0.11	1.04	1.77	1.11	2.65	1.082	.969	1.208
07/18/86	0.45	-0.02	1.12	1.84	1.37	2.95	1.047	.993	1.084
07/19/86	0.45	0.12	0.88	1.69	1.08	2.62	1.069	1.000	1.227
07/20/86	0.29	-0.09	0.62	1.43	1.08	2.59	1.700	1.248	2.071
07/21/86	0.37	0.01	0.59	1.23	0.98	1.58	1.531	1.310	1.725
07/22/86	0.37	-0.01	0.91	1.30	0.63	2.46	1.411	1.236	1.678
07/23/86	0.73	0.43	1.02	1.02	0.57	1.61	1.523	1.204	1.953
07/24/86	0.27	0.02	0.75	1.13	0.87	1.58	1.304	1.154	1.565
07/25/86	0.28	0.03	0.44	0.86	0.52	1.56	1.130	1.075	1.258
07/26/86	0.27	0.04	0.49	0.71	0.47	1.41	1.070	.995	1.221
07/27/86	0.74	0.46	1.15	0.55	0.33	0.72	1.215	1.040	1.371
07/28/86	0.44	0.20	0.71	0.52	0.31	0.80	1.197	1.134	1.281
07/29/86	-0.03	-0.22	0.21	0.58	0.39	0.84	1.166	1.093	1.229
07/30/86	-0.29	-0.42	-0.10	0.97	0.51	2.09	1.076	.952	1.171
07/31/86	-0.39	-0.44	-0.02	1.25	0.68	2.01	.910	.862	.967
08/01/86	0.55	0.04	1.18	0.56	0.36	0.88	.883	.844	.960
08/02/86	1.58	-0.41	1.89	0.55	0.35	0.71	.875	.853	.896
08/03/86	1.09	0.51	1.61	0.58	0.33	0.69	.849	.825	.862
08/04/86	-0.15	-0.66	0.51	0.57	0.32	0.79	.924	.822	1.059
08/05/86	-0.79	-0.98	-0.56	0.77	0.53	1.20	1.021	.966	1.092
08/06/86	-0.97	-1.03	-0.91	0.78	0.42	1.47	1.039	.989	1.074
08/07/86	-0.89	-0.91	-0.86	0.68	0.45	1.06	1.041	1.008	1.070
08/08/86	-1.02	-1.15	-0.88	0.72	0.56	1.08	.954	.903	1.005
08/09/86	-1.21	-1.29	-1.13	0.62	0.44	0.75	.900	.867	.940
08/10/86	-0.79	-1.30	-0.07	0.53	0.41	0.72	.898	.844	.956
08/11/86	-0.49	-0.85	-0.02	0.45	0.32	0.55	.884	.846	.947
08/12/86	0.23	-0.36	1.07	0.35	0.22	0.46	.950	.894	.995
08/13/86	0.02	-0.53	0.50	0.42	0.34	0.62	.874	.794	.943
08/14/86	0.39	0.06	0.64	0.45	0.27	0.65	.844	.791	.889
08/15/86	0.28	-0.06	0.70	0.40	0.25	0.55	.801	.776	.842
08/16/86	0.08	-0.26	1.10	0.53	0.36	0.68	.857	.801	.947
08/17/86	1.25	1.13	1.29	0.63	0.46	0.76	.868	.819	.916
08/18/86	1.10	0.73	1.34	0.73	0.55	0.86	.778	.741	.820
08/19/86	1.02	0.79	1.15	0.78	0.55	1.08	.732	.721	.745
08/20/86	0.67	-0.05	1.24	0.56	0.41	0.68	.748	.708	.828
08/21/86	-0.43	-0.76	-0.05	0.55	0.41	0.80	.848	.818	.901

MOORING=07B
 LATITUDE=64-00.0'N
 LONGITUDE=172-10.0'W

DAILY STATISTICS
 INST DEPTH=47M
 SONIC DEPTH=55M

BEGINNING: 07/05/86
 ENDING: 09/19/86

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
08/22/86	0.23	-0.31	0.65	0.50	0.32	0.71	.800	.783	.823
08/23/86	-0.54	-0.71	-0.29	0.50	0.34	0.65	.975	.817	1.100
08/24/86	-0.51	-0.82	-0.34	0.44	0.28	0.61	.918	.869	.988
08/25/86	-0.29	-0.41	-0.09	0.37	0.26	0.55	.829	.790	.869
08/26/86	-0.25	-0.30	-0.19	0.50	0.27	0.70	.790	.777	.801
08/27/86	0.73	-0.28	1.51	0.43	0.29	0.61	.826	.791	.865
08/28/86	1.57	-0.11	2.39	0.50	0.33	0.68	.880	.848	.926
08/29/86	2.22	-0.39	3.01	0.64	0.43	0.78	1.040	.943	1.133
08/30/86	-0.58	-1.27	0.43	0.52	0.20	0.68	.876	.731	1.000
08/31/86	-1.23	-1.26	-1.19	0.41	0.28	0.64	.853	.745	.941
09/01/86	-1.27	-1.31	-1.24	0.44	0.31	0.65	.969	.927	.992
09/02/86	-1.24	-1.32	-1.13	0.39	0.30	0.60	1.452	.979	>6.0
09/03/86	-1.15	-1.26	-0.98	0.45	0.27	0.64	1.020	.971	1.072
09/04/86	-0.22	-1.08	1.23	0.90	0.41	1.65	1.231	.947	1.466
09/05/86	0.47	-0.97	1.44	0.53	0.39	0.84	1.123	.879	1.391
09/06/86	-0.76	-1.05	0.14	0.50	0.37	0.77	1.395	1.180	2.174
09/07/86	-0.35	-0.63	-0.07	0.63	0.37	0.87	2.095	1.782	2.521
09/08/86	-0.26	-0.34	-0.14	0.45	0.35	0.59	1.479	1.310	1.745
09/09/86	-0.25	-0.38	-0.07	0.40	0.25	0.56	1.296	1.036	1.428
09/10/86	-0.24	-0.47	-0.06	0.48	0.16	0.63	.981	.920	1.060
09/11/86	-0.71	-0.85	-0.49	0.38	0.28	0.56	.927	.907	.944
09/12/86	-0.45	-0.76	-0.07	0.43	0.31	0.59	.884	.838	.924
09/13/86	-0.14	-0.41	0.09	0.42	0.30	0.73	.909	.813	.985
09/14/86	-0.67	-0.98	-0.11	0.50	0.34	0.70	1.030	.923	1.111
09/15/86	-0.23	-1.03	0.24	0.54	0.36	0.66	1.326	1.102	1.555
09/16/86	-0.13	-0.28	0.18	0.48	0.33	0.63	1.247	1.054	1.416
09/17/86	-0.59	-0.86	-0.26	0.46	0.34	0.61	1.010	.988	1.067
09/18/86	-0.84	-0.95	-0.61	0.39	0.27	0.49	1.015	.975	1.046
09/19/86	-0.64	-0.78	-0.46	0.45	0.32	0.59	1.339	1.062	1.585

MOORING=08B
 LATITUDE=64-38.0'N
 LONGITUDE=170-54.2'W

DAILY STATISTICS
 INST DEPTH=16M
 SONIC DEPTH=46M

BEGINNING: 07/05/86
 ENDING: 09/20/86

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
07/05/86	2.11	2.01	2.19	2.16	1.41	3.60	-	-	-
07/06/86	2.01	1.91	2.14	2.71	1.74	4.47	-	-	-
07/07/86	2.06	1.97	2.35	2.29	1.79	3.35	-	-	-
07/08/86	2.01	1.84	2.26	1.49	0.95	2.59	-	-	-
07/09/86	1.90	1.57	2.25	1.11	0.83	1.50	-	-	-
07/10/86	2.00	1.71	2.46	1.27	0.94	2.41	-	-	-
07/11/86	2.10	1.75	2.36	1.62	1.19	2.09	-	-	-
07/12/86	1.80	1.15	3.31	1.27	0.64	2.32	-	-	-
07/13/86	2.25	1.32	3.04	1.24	0.65	2.76	-	-	-
07/14/86	2.47	2.14	2.72	1.03	0.56	2.47	-	-	-
07/15/86	2.67	2.36	2.94	0.67	0.37	0.87	-	-	-
07/16/86	2.74	2.55	3.04	0.76	0.48	1.35	-	-	-
07/17/86	2.50	2.27	2.75	1.09	0.74	1.85	-	-	-
07/18/86	2.66	2.48	2.93	0.60	0.40	1.05	-	-	-
07/19/86	2.87	2.64	3.00	0.47	0.40	0.59	-	-	-
07/20/86	2.91	2.77	3.07	0.47	0.38	0.55	-	-	-
07/21/86	2.77	2.42	3.05	0.52	0.34	0.76	-	-	-
07/22/86	2.23	1.84	2.60	0.45	0.36	0.56	-	-	-
07/23/86	1.92	1.55	2.40	0.54	0.40	0.72	-	-	-
07/24/86	2.05	1.61	2.35	0.49	0.39	0.62	-	-	-
07/25/86	1.78	1.54	2.27	0.40	0.31	0.48	-	-	-
07/26/86	2.56	2.18	3.02	0.45	0.36	0.55	-	-	-
07/27/86	2.11	1.36	2.47	0.44	0.36	0.56	-	-	-
07/28/86	1.69	1.30	2.12	0.43	0.37	0.54	-	-	-
07/29/86	1.98	1.66	2.24	0.38	0.32	0.45	-	-	-
07/30/86	2.22	1.98	2.40	0.36	0.27	0.48	-	-	-
07/31/86	2.33	2.27	2.46	0.42	0.29	0.57	-	-	-
08/01/86	2.34	2.23	2.46	0.38	0.27	0.45	-	-	-
08/02/86	2.35	2.29	2.40	0.45	0.31	0.53	-	-	-
08/03/86	2.46	2.39	2.54	0.53	0.48	0.59	-	-	-
08/04/86	2.55	2.43	2.62	0.52	0.41	0.62	-	-	-
08/05/86	2.65	2.41	2.85	0.49	0.38	0.70	-	-	-
08/06/86	2.56	2.42	2.83	0.50	0.36	0.63	-	-	-
08/07/86	2.44	1.32	3.67	0.85	0.40	2.06	-	-	-
08/08/86	3.70	2.78	4.65	1.50	0.69	3.39	-	-	-
08/09/86	2.22	0.38	5.50	0.98	0.46	4.72	-	-	-
08/10/86	0.56	0.19	1.47	0.50	0.32	0.78	-	-	-
08/11/86	0.66	0.17	1.74	0.49	0.37	0.58	-	-	-
08/12/86	1.16	0.29	3.95	0.54	0.34	0.95	-	-	-
08/13/86	1.61	0.55	2.50	0.47	0.36	0.63	-	-	-
08/14/86	2.62	2.32	2.77	0.49	0.35	0.67	-	-	-
08/15/86	2.42	2.15	2.79	0.49	0.27	0.71	-	-	-
08/16/86	1.70	1.50	2.12	0.54	0.32	0.69	-	-	-
08/17/86	2.15	2.09	2.23	0.58	0.46	0.67	-	-	-
08/18/86	1.97	1.70	2.20	0.66	0.54	0.81	-	-	-
08/19/86	2.13	1.91	2.29	0.68	0.56	0.79	-	-	-
08/20/86	2.11	1.84	2.41	0.81	0.54	1.21	-	-	-
08/21/86	1.72	0.86	2.33	0.76	0.35	1.25	-	-	-

MOORING=08B
 LATITUDE=64-38.0'N
 LONGITUDE=170-54.2'W

DAILY STATISTICS
 INST DEPTH=16M
 SONIC DEPTH=46M

BEGINNING: 07/05/86
 ENDING: 09/20/86

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
08/22/86	1.54	1.18	1.89	0.67	0.45	0.99	-	-	-
08/23/86	2.70	1.61	4.91	0.93	0.55	1.31	-	-	-
08/24/86	4.71	4.14	5.17	0.80	0.64	0.97	-	-	-
08/25/86	3.04	2.33	4.25	0.87	0.64	1.07	-	-	-
08/26/86	2.51	2.36	2.73	0.94	0.66	1.24	-	-	-
08/27/86	2.71	2.37	3.00	1.31	0.97	1.80	-	-	-
08/28/86	3.05	2.36	3.97	1.55	1.26	1.95	-	-	-
08/29/86	3.76	3.03	4.33	1.18	0.76	1.94	-	-	-
08/30/86	4.36	3.14	4.94	0.86	0.53	1.24	-	-	-
08/31/86	3.68	1.20	4.59	0.60	0.31	0.82	-	-	-
09/01/86	1.55	-0.12	2.94	0.51	0.34	0.68	-	-	-
09/02/86	-0.11	-0.40	0.20	0.56	0.39	0.74	-	-	-
09/03/86	-0.13	-0.41	0.53	0.63	0.49	0.83	-	-	-
09/04/86	0.54	-0.03	0.98	0.69	0.51	0.86	-	-	-
09/05/86	1.32	0.12	2.75	0.79	0.61	0.98	-	-	-
09/06/86	1.84	1.08	2.41	0.83	0.53	1.20	-	-	-
09/07/86	1.62	0.37	4.20	0.77	0.36	1.46	-	-	-
09/08/86	2.20	1.38	2.60	0.66	0.32	0.93	-	-	-
09/09/86	2.19	1.35	2.41	0.75	0.53	1.06	-	-	-
09/10/86	1.87	1.25	2.36	0.63	0.51	0.81	-	-	-
09/11/86	1.70	1.56	2.37	0.64	0.29	0.82	-	-	-
09/12/86	1.37	0.91	1.71	0.71	0.45	1.00	-	-	-
09/13/86	1.35	0.71	1.91	0.69	0.43	1.06	-	-	-
09/14/86	1.08	0.66	1.53	0.76	0.58	0.97	-	-	-
09/15/86	1.87	1.57	2.07	0.78	0.46	1.15	-	-	-
09/16/86	1.71	1.58	1.86	0.56	0.39	0.69	-	-	-
09/17/86	1.95	1.69	2.12	0.57	0.46	0.70	-	-	-
09/18/86	1.73	1.27	1.97	0.58	0.47	0.69	-	-	-
09/19/86	1.64	1.43	1.97	0.57	0.46	0.73	-	-	-
09/20/86	1.74	1.50	2.04	0.56	0.35	0.74	-	-	-

MOORING=08B
 LATITUDE=64-38.0'N
 LONGITUDE=170-54.2'W

DAILY STATISTICS
 INST DEPTH=39M
 SONIC DEPTH=46M

BEGINNING: 07/05/86
 ENDING: 09/20/86

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
07/05/86	2.12	2.07	2.18	2.54	1.60	4.18	1.931	1.283	3.090
07/06/86	2.02	1.95	2.10	2.95	2.04	5.00	1.866	1.302	3.146
07/07/86	2.02	1.96	2.09	1.86	1.17	4.43	1.444	1.134	1.970
07/08/86	1.98	1.89	2.03	1.27	0.97	1.67	1.741	.988	4.352
07/09/86	1.91	1.62	2.03	1.51	0.90	2.33	1.541	.841	2.146
07/10/86	2.04	1.95	2.19	1.89	1.08	2.51	1.667	1.208	2.346
07/11/86	2.21	2.01	2.33	2.73	1.69	4.09	2.404	1.410	4.241
07/12/86	1.65	1.08	2.24	2.57	1.66	4.07	2.158	1.459	3.002
07/13/86	2.07	1.45	2.40	1.07	0.66	2.15	1.295	1.041	1.764
07/14/86	2.39	2.18	2.46	0.94	0.55	1.54	1.309	.974	1.989
07/15/86	2.43	2.25	2.75	0.81	0.53	1.12	1.459	1.135	1.715
07/16/86	2.65	2.55	2.80	0.88	0.55	1.39	1.300	1.108	1.541
07/17/86	2.47	2.27	2.61	1.40	0.94	2.30	1.406	1.187	1.783
07/18/86	2.62	2.46	2.90	0.62	0.40	1.07	1.228	1.140	1.319
07/19/86	2.83	2.60	2.99	0.46	0.31	0.61	1.274	1.105	1.603
07/20/86	2.90	2.63	3.08	0.58	0.34	0.90	2.004	1.175	3.912
07/21/86	2.78	2.37	3.06	0.54	0.29	0.99	1.379	1.169	2.013
07/22/86	2.21	1.83	2.75	0.51	0.36	0.72	1.417	1.180	1.970
07/23/86	1.86	1.55	2.21	0.59	0.35	1.27	1.421	1.142	2.328
07/24/86	2.02	1.67	2.35	0.47	0.30	0.65	1.474	1.177	1.729
07/25/86	1.85	1.60	2.54	0.35	0.17	0.60	1.395	1.210	1.699
07/26/86	2.54	2.26	2.71	0.37	0.25	0.54	1.623	1.179	3.760
07/27/86	2.17	1.41	2.46	0.34	0.21	0.50	1.361	1.128	1.595
07/28/86	1.65	1.12	2.10	0.41	0.28	0.68	1.413	1.198	1.665
07/29/86	1.95	1.68	2.17	0.29	0.18	0.43	1.202	.916	1.413
07/30/86	2.11	1.99	2.26	0.38	0.09	0.77	1.228	1.046	2.330
07/31/86	2.23	2.07	2.49	0.55	0.17	0.86	1.741	.941	3.513
08/01/86	2.29	2.15	2.45	0.36	0.20	0.54	1.337	1.049	1.748
08/02/86	2.25	2.15	2.34	0.38	0.27	0.56	1.363	1.042	1.592
08/03/86	2.36	2.28	2.45	0.34	0.25	0.47	1.446	1.156	1.743
08/04/86	2.38	2.32	2.42	0.36	0.19	0.51	1.542	1.387	1.717
08/05/86	2.42	2.35	2.56	0.30	0.16	0.56	1.527	1.340	1.749
08/06/86	2.40	2.35	2.50	0.38	0.25	0.51	3.932	1.457	>6.0
08/07/86	1.92	1.45	2.40	0.24	0.10	0.54	1.250	1.009	1.648
08/08/86	1.02	0.26	1.66	0.12	0.01	0.23	1.083	.923	1.304
08/09/86	0.29	0.11	0.58	0.19	0.05	0.51	.973	.872	1.099
08/10/86	0.19	0.11	0.35	0.62	0.46	0.80	1.165	.896	2.174
08/11/86	0.27	0.14	0.46	-	-	-	.942	.861	1.049
08/12/86	0.50	0.33	0.83	-	-	-	1.002	.933	1.163
08/13/86	1.30	0.48	2.53	-	-	-	.996	.878	1.204
08/14/86	2.65	2.50	2.81	-	-	-	1.032	.872	1.228
08/15/86	2.30	2.13	2.47	-	-	-	1.040	.819	1.182
08/16/86	1.64	1.36	2.11	-	-	-	1.026	.931	1.107
08/17/86	1.95	1.89	2.00	-	-	-	1.114	1.065	1.182
08/18/86	1.90	1.81	1.98	-	-	-	1.106	1.030	1.190
08/19/86	2.00	1.89	2.04	-	-	-	1.298	1.092	1.455
08/20/86	2.00	1.88	2.06	-	-	-	1.313	1.145	1.420
08/21/86	1.38	0.94	1.92	-	-	-	1.229	1.034	1.432

MOORING=08B
 LATITUDE=64-38.0'N
 LONGITUDE=170-54.2'W

DAILY STATISTICS
 INST DEPTH=39M
 SONIC DEPTH=46M

BEGINNING: 07/05/86
 ENDING: 09/20/86

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
08/22/86	1.11	0.94	1.69	-	-	-	1.125	1.046	1.291
08/23/86	1.69	1.34	1.87	-	-	-	1.887	1.280	2.474
08/24/86	1.88	1.84	2.07	-	-	-	1.923	1.511	2.396
08/25/86	2.39	2.10	2.64	-	-	-	1.589	1.363	1.802
08/26/86	2.53	2.36	2.74	-	-	-	1.502	1.393	1.640
08/27/86	2.71	2.35	2.99	0.94	0.94	0.94	2.013	1.562	2.764
08/28/86	2.74	2.42	3.39	1.18	0.80	3.72	1.918	1.521	2.428
08/29/86	2.42	1.31	3.25	1.63	0.58	3.42	1.511	1.145	1.842
08/30/86	1.88	1.22	2.98	0.76	0.56	0.91	1.109	1.039	1.177
08/31/86	2.58	0.98	3.89	0.99	0.78	1.35	1.362	1.015	1.948
09/01/86	0.48	-0.14	1.00	0.57	0.22	1.16	1.136	.985	1.312
09/02/86	-0.13	-0.40	0.14	0.82	0.40	1.31	1.133	1.029	1.218
09/03/86	0.20	-0.41	0.91	0.98	0.60	1.52	1.263	1.132	1.381
09/04/86	1.63	0.98	2.14	0.57	0.33	0.89	1.308	1.197	1.494
09/05/86	2.21	2.01	2.51	0.27	0.03	0.58	1.362	1.032	1.613
09/06/86	1.90	0.56	2.59	0.41	0.07	0.83	1.417	1.168	1.891
09/07/86	1.15	-0.08	2.09	0.54	0.16	1.26	1.331	.940	2.054
09/08/86	2.18	1.52	2.40	0.59	0.21	2.40	1.412	1.107	2.514
09/09/86	2.20	2.00	2.36	0.94	0.48	1.36	1.378	1.096	1.774
09/10/86	2.00	1.67	2.07	0.53	0.25	0.84	1.361	1.197	1.570
09/11/86	1.70	1.55	2.09	0.29	0.02	0.59	1.411	1.215	1.659
09/12/86	1.52	1.07	1.66	0.57	0.31	0.93	1.500	1.309	1.768
09/13/86	1.39	0.67	1.77	0.45	0.00	1.03	1.442	1.266	1.785
09/14/86	1.14	0.82	1.42	0.68	0.25	1.14	4.077	1.370	>6.0
09/15/86	1.81	1.45	2.05	0.68	0.06	1.37	2.059	1.235	>6.0
09/16/86	1.62	1.52	1.77	0.30	0.02	0.62	1.566	1.418	1.712
09/17/86	1.85	1.56	2.08	0.33	0.01	0.63	1.594	1.419	1.836
09/18/86	1.80	1.38	2.04	0.23	0.00	0.44	1.548	1.354	1.707
09/19/86	1.81	1.38	2.04	0.25	0.01	0.59	1.606	1.465	2.143
09/20/86	2.00	1.98	2.05	0.09	0.00	0.40	1.529	1.314	1.703

MOORING=10B

LATITUDE=65-36.0'N

LONGITUDE=168-54.0'W

DAILY STATISTICS

INST DEPTH=15M

SONIC DEPTH=51M

BEGINNING: 07/06/86

ENDING: 09/21/86

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
07/06/86	3.68	2.88	4.01	0.75	0.62	0.87	-	-	-
07/07/86	3.53	2.11	7.25	2.35	0.65	6.00	-	-	-
07/08/86	4.13	2.13	7.80	2.53	0.92	6.32	-	-	-
07/09/86	3.49	2.03	7.15	2.47	0.70	6.16	-	-	-
07/10/86	2.56	2.24	3.10	5.58	0.93	9.51	-	-	-
07/11/86	2.88	2.07	4.88	4.02	1.05	9.52	-	-	-
07/12/86	2.54	2.06	5.69	6.27	0.68	9.54	-	-	-
07/13/86	4.17	2.60	5.80	8.73	3.66	9.58	-	-	-
07/14/86	3.62	2.42	5.15	6.98	2.59	9.57	-	-	-
07/15/86	3.30	2.31	4.93	4.64	1.49	9.56	-	-	-
07/16/86	3.40	2.58	5.49	5.18	1.41	9.55	-	-	-
07/17/86	3.45	2.50	5.30	6.77	2.38	9.57	-	-	-
07/18/86	3.43	1.98	5.55	7.60	2.52	9.55	-	-	-
07/19/86	3.39	2.22	5.59	5.30	1.94	9.54	-	-	-
07/20/86	3.74	2.39	6.63	2.92	1.21	6.81	-	-	-
07/21/86	3.94	3.16	5.22	2.17	1.37	4.16	-	-	-
07/22/86	4.71	3.86	5.63	3.57	2.41	6.24	-	-	-
07/23/86	5.04	4.13	5.95	3.06	2.11	4.23	-	-	-
07/24/86	5.00	3.47	6.90	2.66	1.55	4.28	-	-	-
07/25/86	3.41	2.53	4.47	1.62	1.00	3.95	-	-	-
07/26/86	3.49	2.26	5.24	1.58	0.99	2.65	-	-	-
07/27/86	2.73	2.16	3.96	1.21	0.80	3.15	-	-	-
07/28/86	2.53	2.06	3.43	1.11	0.72	1.89	-	-	-
07/29/86	2.60	2.15	3.37	1.28	0.84	2.67	-	-	-
07/30/86	2.68	2.04	3.19	1.26	1.00	1.59	-	-	-
07/31/86	3.20	2.89	4.11	1.67	1.25	2.21	-	-	-
08/01/86	5.94	4.82	6.38	1.74	1.35	2.24	-	-	-
08/02/86	6.09	5.61	6.51	1.79	1.33	2.22	-	-	-
08/03/86	5.48	4.08	7.04	1.57	0.97	2.21	-	-	-
08/04/86	5.22	4.14	6.33	1.93	1.03	2.87	-	-	-
08/05/86	5.89	4.87	6.80	1.81	1.24	2.42	-	-	-
08/06/86	6.37	5.70	7.65	1.53	0.81	2.41	-	-	-
08/07/86	6.53	5.07	7.31	1.44	0.94	3.17	-	-	-
08/08/86	7.18	6.68	7.88	1.16	0.69	1.96	-	-	-
08/09/86	6.47	5.25	7.05	2.26	1.13	5.93	-	-	-
08/10/86	7.17	6.72	7.41	1.23	0.92	2.12	-	-	-
08/11/86	4.14	2.38	6.80	4.17	0.67	9.59	-	-	-
08/12/86	3.33	2.31	4.93	3.11	0.79	9.54	-	-	-
08/13/86	3.56	2.68	5.52	3.91	0.97	9.52	-	-	-
08/14/86	4.72	2.82	6.75	2.12	0.94	5.77	-	-	-
08/15/86	4.78	2.50	6.45	3.17	1.02	9.17	-	-	-
08/16/86	2.94	2.41	3.69	3.16	1.03	6.25	-	-	-
08/17/86	5.30	3.34	7.06	2.47	0.77	5.28	-	-	-
08/18/86	8.04	6.88	8.49	0.76	0.66	0.86	-	-	-
08/19/86	8.38	7.33	8.69	0.80	0.65	1.14	-	-	-
08/20/86	5.75	3.33	7.30	2.29	0.73	9.53	-	-	-
08/21/86	3.36	2.93	4.06	4.23	1.37	9.53	-	-	-
08/22/86	3.57	2.61	4.30	2.77	0.71	9.53	-	-	-

MOORING=10B
 LATITUDE=65-36.0'N
 LONGITUDE=168-54.0'W

DAILY STATISTICS
 INST DEPTH=15M
 SONIC DEPTH=51M

BEGINNING: 07/06/86
 ENDING: 09/21/86

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
08/23/86	3.90	1.94	5.29	6.12	0.66	9.56	-	-	-
08/24/86	4.44	2.22	6.11	4.44	0.65	7.87	-	-	-
08/25/86	6.18	5.05	6.45	1.37	0.88	2.52	-	-	-
08/26/86	5.40	2.97	7.08	2.68	0.89	5.79	-	-	-
08/27/86	6.29	4.40	6.73	1.19	0.86	2.38	-	-	-
08/28/86	6.83	6.59	7.09	1.57	0.98	2.32	-	-	-
08/29/86	6.21	5.22	7.03	1.85	1.07	3.10	-	-	-
08/30/86	4.94	2.79	5.69	2.55	0.93	3.95	-	-	-
08/31/86	4.66	3.00	6.03	3.27	1.18	4.28	-	-	-
09/01/86	5.93	5.01	6.34	1.34	1.01	2.77	-	-	-
09/02/86	3.85	0.89	6.02	2.15	0.80	4.26	-	-	-
09/03/86	4.06	2.94	4.77	3.85	1.38	6.09	-	-	-
09/04/86	4.77	3.62	5.36	3.24	2.33	4.25	-	-	-
09/05/86	4.06	2.94	5.58	2.55	1.02	4.80	-	-	-
09/06/86	4.07	3.34	4.86	3.12	2.20	4.04	-	-	-
09/07/86	5.27	4.53	5.73	1.68	1.15	2.73	-	-	-
09/08/86	5.53	4.87	6.41	1.26	1.01	1.64	-	-	-
09/09/86	5.08	4.69	5.78	1.23	0.96	1.53	-	-	-
09/10/86	4.92	4.48	5.31	1.08	0.69	1.46	-	-	-
09/11/86	4.78	4.51	5.29	1.77	1.34	2.45	-	-	-
09/12/86	5.44	5.34	5.62	1.38	1.05	1.92	-	-	-
09/13/86	4.40	2.82	5.58	2.16	1.05	6.32	-	-	-
09/14/86	3.11	1.39	4.28	3.50	1.27	8.88	-	-	-
09/15/86	3.51	2.25	4.48	3.88	1.76	8.36	-	-	-
09/16/86	3.33	2.85	4.35	1.70	1.08	2.78	-	-	-
09/17/86	3.70	3.00	4.45	1.44	1.02	2.21	-	-	-
09/18/86	3.31	2.73	3.83	1.57	0.90	3.40	-	-	-
09/19/86	3.48	2.69	4.24	1.38	0.86	2.34	-	-	-
09/20/86	4.24	3.18	4.79	1.32	0.85	1.95	-	-	-
09/21/86	4.89	4.81	5.01	0.91	0.82	0.94	-	-	-

MOORING=10B
 LATITUDE=65-36.0'N
 LONGITUDE=168-54.0'W

DAILY STATISTICS
 INST DEPTH=44M
 SONIC DEPTH=51M

BEGINNING: 07/06/86
 ENDING: 09/21/86

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
07/06/86	2.15	2.13	2.19	6.82	5.99	7.60	2.685	2.471	2.839
07/07/86	2.20	2.13	2.30	4.96	1.54	8.01	2.054	1.167	3.339
07/08/86	2.22	1.64	2.67	2.75	1.44	6.59	1.688	.960	2.813
07/09/86	2.15	1.69	2.55	2.18	1.37	4.86	>6.0	1.434	>6.0
07/10/86	2.38	2.32	2.45	3.95	2.65	7.36	>6.0	1.723	>6.0
07/11/86	2.32	2.01	2.56	4.54	2.34	7.98	3.193	1.488	>6.0
07/12/86	2.24	2.03	2.50	4.72	2.91	7.97	2.612	2.123	3.915
07/13/86	2.44	2.35	2.54	2.94	1.96	4.89	2.295	1.970	2.978
07/14/86	2.59	2.38	2.85	4.93	2.04	7.97	2.655	1.699	5.235
07/15/86	1.92	1.27	2.74	2.19	0.55	7.98	2.036	1.427	5.763
07/16/86	2.40	1.28	3.34	4.43	0.80	7.99	2.684	1.794	>6.0
07/17/86	2.51	1.87	2.88	4.42	1.43	7.99	3.121	1.853	>6.0
07/18/86	2.02	1.86	2.19	6.09	3.39	7.97	3.004	2.000	>6.0
07/19/86	2.19	1.95	2.78	6.81	3.02	7.98	3.834	2.193	>6.0
07/20/86	2.15	1.61	3.06	2.60	0.94	7.72	3.929	2.936	>6.0
07/21/86	1.87	1.48	2.28	1.04	0.93	1.21	3.060	2.697	3.776
07/22/86	2.10	1.94	2.25	1.07	0.89	1.23	2.813	2.562	3.353
07/23/86	2.47	2.23	2.65	1.09	0.95	1.26	2.261	2.039	2.523
07/24/86	2.73	2.51	3.16	1.11	0.88	1.87	2.114	1.388	3.964
07/25/86	2.57	2.25	2.98	1.00	0.73	1.64	2.331	1.429	4.077
07/26/86	2.38	2.03	2.82	1.01	0.57	2.15	2.282	1.360	5.238
07/27/86	2.41	2.16	3.10	0.79	0.47	1.42	2.367	1.350	>6.0
07/28/86	2.54	2.10	2.93	0.76	0.52	1.37	2.011	1.382	3.396
07/29/86	2.43	2.15	2.86	0.94	0.48	1.45	2.359	1.271	3.630
07/30/86	2.31	2.03	2.53	0.86	0.59	1.64	1.860	1.277	5.240
07/31/86	2.15	2.04	2.20	0.64	0.52	0.78	1.291	1.103	1.537
08/01/86	2.12	2.00	2.38	0.51	0.43	0.59	1.290	1.019	1.676
08/02/86	2.00	1.72	2.35	0.49	0.40	0.59	1.368	1.216	2.031
08/03/86	2.15	1.96	2.32	0.55	0.46	0.65	1.549	1.355	1.764
08/04/86	1.71	1.56	2.07	0.57	0.46	0.73	1.625	1.368	2.061
08/05/86	1.88	1.61	2.17	0.70	0.62	0.75	2.062	1.715	2.550
08/06/86	1.88	1.72	2.25	0.68	0.54	0.80	1.550	1.362	1.791
08/07/86	2.36	1.87	2.83	0.66	0.54	0.83	1.686	1.287	2.293
08/08/86	1.43	1.35	2.04	0.81	0.53	1.21	1.977	1.676	3.903
08/09/86	1.71	1.39	2.05	0.73	0.62	0.81	1.859	1.795	1.938
08/10/86	2.46	2.07	2.71	0.67	0.56	0.79	1.893	1.791	2.056
08/11/86	2.50	2.41	2.60	0.60	0.50	0.72	2.177	1.912	2.464
08/12/86	2.47	1.65	3.21	0.73	0.37	1.22	2.649	1.717	3.787
08/13/86	3.09	2.75	3.52	0.86	0.68	1.15	2.512	2.076	3.439
08/14/86	3.67	3.37	3.81	0.90	0.75	1.08	2.204	1.903	2.760
08/15/86	3.44	2.38	3.66	0.89	0.58	1.22	2.290	1.785	3.807
08/16/86	2.68	2.19	3.11	0.92	0.59	2.10	2.290	1.720	3.155
08/17/86	2.98	2.81	3.17	1.73	1.25	2.20	1.730	1.587	2.026
08/18/86	3.15	3.01	3.36	1.77	1.50	2.06	1.823	1.582	2.935
08/19/86	3.02	2.83	3.31	0.83	0.62	1.59	1.493	1.398	1.860
08/20/86	2.88	2.08	3.83	0.67	0.33	1.09	1.984	1.611	2.581
08/21/86	2.19	1.87	2.63	0.45	0.33	0.93	1.880	1.465	2.507
08/22/86	2.78	2.42	3.04	0.38	0.31	0.47	1.902	1.420	2.462

MOORING=10B
 LATITUDE=65-36.0'N
 LONGITUDE=168-54.0'W

DAILY STATISTICS
 INST DEPTH=44M
 SONIC DEPTH=51M

BEGINNING: 07/06/86
 ENDING: 09/21/86

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
08/23/86	1.70	1.32	2.47	0.26	0.15	0.54	2.268	1.958	3.992
08/24/86	1.90	1.35	2.22	0.28	0.18	0.39	1.889	1.701	2.101
08/25/86	2.95	2.35	3.39	0.52	0.36	0.66	1.663	1.239	2.101
08/26/86	2.94	2.08	3.48	0.57	0.44	0.80	1.715	1.347	2.169
08/27/86	3.57	3.45	3.71	0.64	0.52	0.78	1.634	1.363	2.270
08/28/86	3.39	3.03	3.86	0.69	0.56	1.01	2.441	1.700	3.835
08/29/86	2.84	2.40	4.01	0.64	0.49	1.20	3.744	2.395	>6.0
08/30/86	2.54	2.40	2.85	0.51	0.40	0.74	3.214	2.583	5.080
08/31/86	2.77	2.36	3.02	0.54	0.41	0.68	2.288	1.931	2.892
09/01/86	2.74	2.58	2.87	0.68	0.51	0.91	2.039	1.780	2.313
09/02/86	1.32	0.56	2.58	0.44	0.27	0.78	2.172	1.829	3.592
09/03/86	1.42	0.79	2.30	0.42	0.31	0.86	2.157	1.721	3.224
09/04/86	2.18	1.19	3.01	0.48	0.28	1.40	2.607	1.929	5.102
09/05/86	2.83	2.56	2.98	0.89	0.50	1.49	4.403	3.108	>6.0
09/06/86	3.92	2.97	4.70	2.38	1.53	3.03	3.774	2.292	>6.0
09/07/86	5.11	4.47	5.66	1.42	0.66	2.36	2.457	1.750	3.529
09/08/86	5.15	4.81	5.39	0.92	0.65	1.23	2.596	1.761	3.919
09/09/86	4.93	4.60	5.17	0.85	0.52	1.11	2.712	1.744	4.348
09/10/86	4.89	4.40	5.19	0.65	0.46	1.09	1.960	1.639	2.899
09/11/86	4.73	4.31	5.21	1.28	0.73	1.83	2.072	1.582	3.026
09/12/86	5.33	4.74	5.49	0.80	0.51	1.04	2.380	1.858	3.835
09/13/86	3.81	2.54	4.82	1.15	0.58	3.47	2.836	1.743	4.502
09/14/86	2.73	1.01	3.69	1.88	0.83	3.54	3.594	2.827	4.460
09/15/86	2.88	1.49	3.44	2.12	1.10	3.69	3.868	3.029	5.867
09/16/86	3.02	2.79	3.40	1.53	1.03	3.00	3.766	2.602	>6.0
09/17/86	3.32	3.04	3.93	1.12	0.91	1.45	2.825	2.457	3.463
09/18/86	2.99	2.29	3.42	1.15	0.62	2.61	3.035	2.405	3.878
09/19/86	3.11	2.61	3.48	0.71	0.44	1.39	3.067	2.685	3.431
09/20/86	3.05	2.73	3.46	0.75	0.62	1.44	3.102	2.891	3.239
09/21/86	3.39	3.22	3.47	0.71	0.66	0.77	3.212	3.147	3.273

MOORING=13A
 LATITUDE=65-09.0'N
 LONGITUDE=169-41.1'W

DAILY STATISTICS
 INST DEPTH=15M
 SONIC DEPTH=47M

BEGINNING: 07/06/86
 ENDING: 09/13/86

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
07/06/86	2.82	2.69	2.97	5.65	3.48	8.94	-	-	-
07/07/86	2.78	2.50	3.84	3.90	1.88	9.23	-	-	-
07/08/86	2.76	2.46	3.84	3.12	1.68	7.97	-	-	-
07/09/86	3.04	2.38	3.50	2.33	0.49	9.23	-	-	-
07/10/86	3.47	2.82	4.07	7.12	1.09	9.26	-	-	-
07/11/86	4.86	2.61	5.76	3.54	0.32	9.26	-	-	-
07/12/86	4.65	2.70	5.33	3.66	0.35	9.26	-	-	-
07/13/86	4.50	4.38	4.60	3.38	1.65	9.25	-	-	-
07/14/86	4.14	2.69	4.45	6.82	1.56	9.26	-	-	-
07/15/86	3.95	2.55	4.41	8.11	1.77	9.24	-	-	-
07/16/86	4.12	3.11	4.57	9.22	8.47	9.25	-	-	-
07/17/86	-	-	-	-	-	-	-	-	-
07/18/86	-	-	-	-	-	-	-	-	-
07/19/86	-	-	-	-	-	-	-	-	-
07/20/86	-	-	-	-	-	-	-	-	-
07/21/86	-	-	-	-	-	-	-	-	-
07/22/86	-	-	-	-	-	-	-	-	-
07/23/86	-	-	-	-	-	-	-	-	-
07/24/86	-	-	-	-	-	-	-	-	-
07/25/86	-	-	-	-	-	-	-	-	-
07/26/86	-	-	-	-	-	-	-	-	-
07/27/86	-	-	-	-	-	-	-	-	-
07/28/86	-	-	-	-	-	-	-	-	-
07/29/86	-	-	-	-	-	-	-	-	-
07/30/86	-	-	-	-	-	-	-	-	-
07/31/86	-	-	-	-	-	-	-	-	-
08/01/86	2.18	2.10	2.22	-	-	-	-	-	-
08/02/86	2.23	2.07	2.41	-	-	-	-	-	-
08/03/86	2.42	2.07	2.71	-	-	-	-	-	-
08/04/86	2.07	1.90	2.38	-	-	-	-	-	-
08/05/86	2.43	2.30	2.64	-	-	-	-	-	-
08/06/86	2.14	2.01	2.36	-	-	-	-	-	-
08/07/86	2.06	1.90	2.23	-	-	-	-	-	-
08/08/86	2.19	1.82	2.99	-	-	-	-	-	-
08/09/86	2.50	1.60	3.10	-	-	-	-	-	-
08/10/86	3.11	2.93	3.27	-	-	-	-	-	-
08/11/86	3.19	2.70	3.36	-	-	-	-	-	-
08/12/86	3.43	2.98	3.60	-	-	-	-	-	-
08/13/86	3.61	3.39	3.84	0.30	0.24	0.35	-	-	-
08/14/86	3.86	3.57	4.36	0.29	0.07	0.55	-	-	-
08/15/86	3.96	2.99	5.45	0.41	0.14	0.62	-	-	-
08/16/86	4.94	3.44	5.44	0.29	0.02	0.66	-	-	-
08/17/86	4.12	2.76	4.84	1.11	0.25	1.80	-	-	-
08/18/86	4.12	3.03	5.35	1.26	0.28	1.70	-	-	-
08/19/86	4.39	3.15	5.39	-	-	-	-	-	-
08/20/86	5.17	4.46	5.60	-	-	-	-	-	-
08/21/86	5.41	5.05	6.05	-	-	-	-	-	-
08/22/86	5.69	5.40	5.87	-	-	-	-	-	-

MOORING=13A
 LATITUDE=65-09.0'N
 LONGITUDE=169-41.1'W

DAILY STATISTICS
 INST DEPTH=15M
 SONIC DEPTH=47M

BEGINNING: 07/06/86
 ENDING: 09/13/86

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
08/23/86	4.45	2.45	5.70	0.73	0.62	0.80	-	-	-
08/24/86	2.57	2.23	3.03	0.87	0.30	1.25	-	-	-
08/25/86	3.70	2.66	4.78	0.53	0.02	0.96	-	-	-
08/26/86	4.90	4.78	4.99	-	-	-	-	-	-
08/27/86	4.72	4.55	4.92	-	-	-	-	-	-
08/28/86	4.76	4.10	4.97	-	-	-	-	-	-
08/29/86	3.50	3.17	4.06	0.47	0.11	0.68	-	-	-
08/30/86	3.28	2.84	3.86	0.19	0.02	0.46	-	-	-
08/31/86	4.01	3.19	4.44	0.64	0.10	0.98	-	-	-
09/01/86	3.94	3.50	4.49	0.68	0.32	1.21	-	-	-
09/02/86	4.20	3.48	4.56	0.72	0.14	1.18	-	-	-
09/03/86	4.15	3.80	4.35	0.92	0.64	1.15	-	-	-
09/04/86	4.04	3.80	4.18	0.91	0.62	1.30	-	-	-
09/05/86	3.24	2.96	3.76	1.31	1.14	1.48	-	-	-
09/06/86	3.42	3.17	3.82	1.32	1.17	1.63	-	-	-
09/07/86	3.70	3.55	3.85	1.32	1.12	1.70	-	-	-
09/08/86	3.92	3.66	4.11	1.42	1.07	1.92	-	-	-
09/09/86	4.11	3.71	4.22	1.41	0.76	1.88	-	-	-
09/10/86	3.57	2.97	3.97	0.94	0.76	1.29	-	-	-
09/11/86	1.44	0.26	3.34	1.74	0.96	2.17	-	-	-
09/12/86	0.59	0.25	1.62	2.18	2.12	2.22	-	-	-
09/13/86	1.28	0.34	2.15	1.68	0.86	2.16	-	-	-

MOORING=13A
 LATITUDE=65-09.0'N
 LONGITUDE=169-41.1'W

DAILY STATISTICS
 INST DEPTH=40M
 SONIC DEPTH=47M

BEGINNING: 07/06/86
 ENDING: 09/20/86

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
07/06/86	2.32	2.30	2.34	0.50	0.39	0.61	2.004	1.949	2.121
07/07/86	2.33	2.30	2.36	0.76	0.17	1.20	1.886	1.776	2.313
07/08/86	2.31	2.25	2.35	0.50	0.10	0.92	2.009	1.747	2.319
07/09/86	2.49	2.26	2.66	0.69	0.12	1.36	2.169	1.868	2.480
07/10/86	2.60	2.52	2.66	0.46	0.19	0.71	2.242	2.059	2.558
07/11/86	2.61	2.50	2.70	0.70	0.25	1.55	2.429	1.760	3.217
07/12/86	2.50	2.32	2.63	0.91	0.42	1.97	2.030	1.768	2.416
07/13/86	2.55	2.51	2.59	1.27	0.76	1.70	1.843	1.629	2.092
07/14/86	2.49	2.43	2.54	1.04	0.70	1.35	1.844	1.321	2.054
07/15/86	2.49	2.44	2.55	1.09	0.64	1.55	1.765	1.506	2.072
07/16/86	2.36	2.10	2.45	0.79	0.31	1.32	1.689	1.565	1.958
07/17/86	1.92	1.40	2.17	0.54	0.23	0.86	1.714	1.372	2.187
07/18/86	1.74	1.22	2.06	0.65	0.28	0.98	1.750	1.589	2.011
07/19/86	1.80	1.18	2.29	0.59	0.01	1.00	1.546	1.288	1.874
07/20/86	2.41	2.23	2.54	0.58	0.37	0.86	1.898	1.632	2.088
07/21/86	2.41	2.34	2.44	0.76	0.37	1.00	1.915	1.472	2.488
07/22/86	2.27	2.10	2.42	0.61	0.14	1.50	1.488	1.209	1.816
07/23/86	2.37	1.79	2.88	0.99	0.31	1.91	1.529	1.315	1.722
07/24/86	2.77	2.61	2.98	0.53	0.26	0.97	1.759	1.369	2.097
07/25/86	2.99	2.88	3.16	0.40	0.06	0.58	1.613	1.423	1.916
07/26/86	2.86	2.66	3.10	0.39	0.09	0.60	1.505	.921	1.970
07/27/86	2.77	2.36	2.99	0.36	0.07	0.59	1.438	1.020	1.878
07/28/86	1.99	1.75	2.32	0.38	0.07	0.62	1.608	1.438	2.096
07/29/86	1.93	1.53	2.12	0.40	0.04	0.60	1.612	1.425	1.813
07/30/86	2.15	1.96	2.25	0.35	0.01	0.52	1.809	1.336	3.331
07/31/86	2.19	2.06	2.30	0.42	0.10	1.06	1.750	1.275	5.089
08/01/86	2.08	1.92	2.29	0.47	0.13	1.08	2.074	1.206	4.556
08/02/86	2.16	1.90	2.30	0.52	0.24	1.03	1.641	1.113	3.654
08/03/86	2.31	2.02	2.65	0.33	0.03	0.59	2.285	1.395	3.631
08/04/86	2.01	1.79	2.14	0.34	0.02	0.53	2.223	1.009	2.657
08/05/86	2.42	2.20	2.60	0.33	0.09	0.56	2.212	1.512	2.658
08/06/86	2.30	2.25	2.36	0.43	0.03	0.64	1.745	1.448	2.561
08/07/86	2.20	2.13	2.26	0.41	0.08	0.66	1.883	1.434	3.921
08/08/86	2.24	2.10	2.44	0.29	0.07	0.50	2.058	1.172	2.376
08/09/86	2.06	1.77	2.27	0.28	0.05	0.54	2.134	1.679	2.403
08/10/86	2.22	2.07	2.31	0.35	0.08	0.56	2.222	1.824	2.582
08/11/86	2.26	2.14	2.36	0.28	0.03	0.54	2.461	2.042	2.746
08/12/86	2.39	2.28	2.45	0.29	0.09	0.47	2.299	2.115	2.607
08/13/86	2.44	2.41	2.46	0.35	0.06	0.60	2.078	1.897	3.501
08/14/86	2.40	2.36	2.43	0.30	0.08	0.44	2.237	1.603	>6.0
08/15/86	2.56	2.40	2.67	0.27	0.01	0.43	2.150	1.703	3.397
08/16/86	2.47	2.30	2.65	0.23	0.01	0.44	2.001	1.679	2.448
08/17/86	2.43	2.13	2.61	0.21	0.01	0.51	1.584	1.396	1.781
08/18/86	1.85	1.36	2.35	0.23	0.01	0.46	1.561	1.362	1.855
08/19/86	1.75	1.30	2.09	0.31	0.05	0.64	1.507	1.326	3.212
08/20/86	1.32	0.94	1.91	0.23	0.04	0.48	1.603	1.396	1.986
08/21/86	0.91	0.89	0.96	0.29	0.02	1.25	1.804	1.615	3.568
08/22/86	0.85	0.72	0.90	0.22	0.01	0.39	1.728	1.625	2.013

MOORING=13A
 LATITUDE=65-09.0'N
 LONGITUDE=169-41.1'W

DAILY STATISTICS
 INST DEPTH=40M
 SONIC DEPTH=47M

BEGINNING: 07/06/86
 ENDING: 09/20/86

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
08/23/86	0.75	0.44	1.19	0.20	0.00	0.47	2.015	1.723	2.331
08/24/86	2.03	1.11	2.18	0.27	0.01	0.44	2.273	1.837	4.787
08/25/86	2.13	2.00	2.28	0.22	0.02	0.44	2.554	1.665	5.001
08/26/86	2.09	1.46	2.27	0.22	0.00	0.39	2.429	1.525	4.036
08/27/86	1.06	0.94	1.37	0.22	0.03	0.37	2.348	1.529	>6.0
08/28/86	1.60	1.04	2.34	0.22	0.00	0.38	2.828	1.556	>6.0
08/29/86	2.61	2.39	2.84	0.39	0.01	1.25	2.455	2.297	2.774
08/30/86	2.89	2.68	3.10	2.78	1.62	3.49	2.319	2.059	2.736
08/31/86	2.91	2.69	3.03	3.03	2.21	3.59	2.265	2.090	2.577
09/01/86	2.99	2.95	3.02	2.04	1.62	2.56	2.191	1.806	2.424
09/02/86	2.93	2.84	3.08	1.35	0.84	1.90	2.326	1.760	2.744
09/03/86	3.14	3.05	3.22	1.43	1.07	1.71	2.641	2.393	3.092
09/04/86	3.12	3.05	3.21	1.12	0.75	1.56	2.343	1.943	3.468
09/05/86	2.89	2.68	3.18	1.15	0.69	1.85	2.211	1.932	3.190
09/06/86	2.22	1.88	2.83	0.52	0.15	1.02	2.328	2.100	2.632
09/07/86	1.88	1.78	2.31	0.40	0.15	0.60	2.082	1.825	2.779
09/08/86	1.82	1.69	1.88	0.45	0.22	0.65	1.893	1.783	2.179
09/09/86	1.87	1.68	1.98	0.39	0.12	0.57	1.827	1.702	2.007
09/10/86	2.33	1.99	2.69	0.41	0.18	0.62	2.015	1.456	2.217
09/11/86	0.79	0.23	2.33	0.49	0.10	1.02	1.816	1.378	2.435
09/12/86	0.50	0.38	0.56	0.41	0.17	0.65	2.326	1.665	5.850
09/13/86	1.06	0.40	1.88	0.80	0.07	1.99	2.162	1.183	3.379
09/14/86	1.76	0.64	2.28	0.47	0.13	1.42	2.195	1.334	2.997
09/15/86	2.00	1.02	2.35	0.53	0.14	0.83	2.008	1.742	2.766
09/16/86	1.61	0.81	1.83	0.53	0.17	0.86	1.776	1.622	2.134
09/17/86	1.63	1.54	1.70	0.49	0.23	0.77	2.458	1.559	>6.0
09/18/86	1.43	1.17	1.59	0.39	0.03	0.66	2.511	1.589	>6.0
09/19/86	1.10	1.05	1.17	0.38	0.11	0.62	3.037	1.435	>6.0
09/20/86	1.23	1.08	1.36	0.34	0.04	0.57	3.878	1.401	>6.0

MOORING=14A
 LATITUDE=66-45.0'N
 LONGITUDE=168-55.0'W

DAILY STATISTICS
 INST DEPTH=17M
 SONIC DEPTH=43M

BEGINNING: 07/07/86
 ENDING: 09/23/86

DATE	TEMPERATURE (C)			CHL(UG/L)			ATTENUATION(1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
07/07/86	3.33	3.09	3.78	3.58	0.54	5.16	-	-	-
07/08/86	3.45	1.85	6.63	4.93	4.50	5.43	-	-	-
07/09/86	3.71	2.21	6.25	6.93	5.51	8.46	-	-	-
07/10/86	2.03	1.49	3.18	6.54	4.78	8.40	-	-	-
07/11/86	3.02	1.55	6.34	5.01	4.52	5.26	-	-	-
07/12/86	2.46	1.85	5.60	5.02	4.58	5.44	-	-	-
07/13/86	5.24	2.39	6.80	5.48	5.03	6.28	-	-	-
07/14/86	4.41	1.88	6.67	6.52	5.27	7.72	-	-	-
07/15/86	4.35	2.44	6.09	8.18	6.69	>9.90	-	-	-
07/16/86	3.21	2.27	5.49	6.93	5.38	>9.90	-	-	-
07/17/86	3.11	2.63	4.15	4.90	4.16	5.75	-	-	-
07/18/86	2.91	2.43	3.98	3.60	3.12	4.19	-	-	-
07/19/86	2.55	2.22	3.28	3.09	3.04	3.16	-	-	-
07/20/86	2.71	2.28	3.89	3.27	2.94	4.09	-	-	-
07/21/86	3.18	2.58	4.08	3.38	1.46	6.86	-	-	-
07/22/86	3.37	2.67	3.98	2.40	1.28	3.65	-	-	-
07/23/86	3.52	2.74	4.68	2.35	1.94	2.54	-	-	-
07/24/86	5.00	3.78	5.91	2.17	1.92	2.45	-	-	-
07/25/86	4.80	3.59	5.78	1.97	1.97	1.97	-	-	-
07/26/86	4.68	3.76	6.21	1.85	0.88	2.15	-	-	-
07/27/86	5.23	4.01	6.80	1.25	0.83	2.45	-	-	-
07/28/86	3.71	2.89	5.44	1.42	1.25	1.61	-	-	-
07/29/86	3.29	2.85	4.45	1.24	1.13	1.36	-	-	-
07/30/86	3.26	2.83	4.09	1.20	1.03	1.97	-	-	-
07/31/86	3.05	2.83	3.92	1.43	1.07	2.09	-	-	-
08/01/86	3.95	2.77	6.29	1.33	1.07	1.64	-	-	-
08/02/86	6.67	5.95	7.74	1.57	1.07	1.77	-	-	-
08/03/86	4.96	3.69	5.74	1.11	0.77	1.28	-	-	-
08/04/86	3.89	2.85	4.86	1.39	1.10	1.63	-	-	-
08/05/86	6.83	3.49	7.61	1.18	0.55	1.70	-	-	-
08/06/86	6.87	6.48	7.31	1.00	0.66	1.27	-	-	-
08/07/86	6.04	5.00	6.70	0.86	0.83	0.88	-	-	-
08/08/86	4.92	3.36	6.10	1.85	1.17	3.08	-	-	-
08/09/86	5.70	4.77	6.58	1.40	1.13	2.66	-	-	-
08/10/86	6.65	5.28	7.79	1.05	0.63	2.14	-	-	-
08/11/86	5.69	3.75	6.98	1.34	0.84	2.21	-	-	-
08/12/86	4.91	3.50	7.39	1.76	0.55	3.79	-	-	-
08/13/86	3.90	2.74	5.84	0.87	0.66	1.06	-	-	-
08/14/86	3.22	3.01	3.75	-	-	-	-	-	-
08/15/86	3.29	2.91	3.83	1.20	1.10	1.38	-	-	-
08/16/86	3.34	2.84	4.01	1.61	1.19	2.06	-	-	-
08/17/86	4.27	3.51	5.80	1.66	1.30	1.88	-	-	-
08/18/86	6.38	5.86	6.71	1.41	1.11	1.67	-	-	-
08/19/86	6.20	5.68	6.78	1.34	1.10	1.60	-	-	-
08/20/86	6.01	3.92	7.43	1.33	1.03	1.85	-	-	-
08/21/86	5.40	3.56	6.60	-	-	-	-	-	-
08/22/86	6.06	5.11	6.63	-	-	-	-	-	-
08/23/86	6.09	5.27	6.72	-	-	-	-	-	-

MOORING=14A
 LATITUDE=66-45.0'N
 LONGITUDE=168-55.0'W

DAILY STATISTICS
 INST DEPTH=17M
 SONIC DEPTH=43M

BEGINNING: 07/07/86
 ENDING: 09/23/86

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
08/24/86	6.82	6.50	7.00	-	-	-	-	-	-
08/25/86	7.06	6.88	7.25	1.33	1.11	1.53	-	-	-
08/26/86	6.49	5.63	7.21	1.41	1.13	1.62	-	-	-
08/27/86	5.29	5.05	5.76	2.16	1.26	3.15	-	-	-
08/28/86	6.29	5.06	8.47	1.17	1.10	1.27	-	-	-
08/29/86	6.74	5.81	8.36	-	-	-	-	-	-
08/30/86	6.78	6.01	7.63	-	-	-	-	-	-
08/31/86	6.87	6.40	7.64	1.18	0.73	1.85	-	-	-
09/01/86	7.27	6.49	7.83	1.14	0.72	1.72	-	-	-
09/02/86	6.68	5.71	7.86	1.02	0.80	1.52	-	-	-
09/03/86	6.14	5.72	6.31	1.66	1.05	3.34	-	-	-
09/04/86	4.90	3.69	5.94	3.21	2.53	4.56	-	-	-
09/05/86	4.53	3.68	5.45	2.01	1.29	3.12	-	-	-
09/06/86	3.70	2.98	4.74	2.28	1.04	5.34	-	-	-
09/07/86	4.97	4.53	5.60	1.18	0.84	1.92	-	-	-
09/08/86	5.21	3.61	5.76	1.44	1.18	1.99	-	-	-
09/09/86	7.08	5.90	8.06	1.09	0.84	1.43	-	-	-
09/10/86	6.67	4.22	8.26	0.89	0.78	1.10	-	-	-
09/11/86	6.35	4.26	7.49	0.99	0.79	1.55	-	-	-
09/12/86	5.64	4.46	6.40	1.01	0.80	1.44	-	-	-
09/13/86	6.79	5.85	7.56	0.92	0.83	1.01	-	-	-
09/14/86	5.56	4.91	6.70	1.00	0.84	1.33	-	-	-
09/15/86	4.73	4.13	5.44	-	-	-	-	-	-
09/16/86	4.34	3.74	4.69	-	-	-	-	-	-
09/17/86	4.13	3.57	4.82	-	-	-	-	-	-
09/18/86	4.57	3.86	5.19	-	-	-	-	-	-
09/19/86	3.56	2.14	4.12	1.23	1.21	1.25	-	-	-
09/20/86	4.25	3.47	4.74	1.06	0.83	1.29	-	-	-
09/21/86	5.18	4.58	5.85	1.12	0.72	1.27	-	-	-
09/22/86	5.02	3.80	6.10	0.95	0.77	1.13	-	-	-
09/23/86	5.77	5.30	6.05	1.07	0.93	1.20	-	-	-

MOORING=14A
 LATITUDE=66-45.0'N
 LONGITUDE=168-55.0'W

DAILY STATISTICS
 INST DEPTH=36M
 SONIC DEPTH=43M

BEGINNING: 07/07/86
 ENDING: 09/23/86

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
07/07/86	1.71	1.69	1.72	-	-	-	-	-	-
07/08/86	2.01	1.74	2.36	-	-	-	-	-	-
07/09/86	1.63	1.19	2.40	-	-	-	-	-	-
07/10/86	1.72	1.22	2.16	-	-	-	-	-	-
07/11/86	1.89	1.65	2.25	-	-	-	-	-	-
07/12/86	1.82	1.63	2.17	-	-	-	-	-	-
07/13/86	1.84	1.66	2.07	-	-	-	-	-	-
07/14/86	1.97	1.69	2.36	-	-	-	-	-	-
07/15/86	1.99	1.74	2.41	-	-	-	-	-	-
07/16/86	2.32	1.84	2.97	-	-	-	-	-	-
07/17/86	2.92	2.39	3.34	-	-	-	-	-	-
07/18/86	2.87	2.44	3.24	-	-	-	-	-	-
07/19/86	2.59	2.21	3.31	-	-	-	-	-	-
07/20/86	2.81	2.27	3.76	-	-	-	-	-	-
07/21/86	3.23	2.37	4.08	-	-	-	-	-	-
07/22/86	3.35	2.69	3.99	-	-	-	-	-	-
07/23/86	3.14	2.75	3.84	-	-	-	-	-	-
07/24/86	4.57	3.28	5.65	-	-	-	-	-	-
07/25/86	4.15	3.30	4.98	-	-	-	-	-	-
07/26/86	4.11	3.40	4.88	-	-	-	-	-	-
07/27/86	4.74	3.72	5.49	-	-	-	-	-	-
07/28/86	3.17	2.77	3.47	-	-	-	-	-	-
07/29/86	3.01	2.87	3.49	-	-	-	-	-	-
07/30/86	2.99	2.83	3.28	-	-	-	-	-	-
07/31/86	2.99	2.82	3.68	-	-	-	-	-	-
08/01/86	2.84	2.75	2.97	-	-	-	-	-	-
08/02/86	3.02	2.89	3.23	-	-	-	-	-	-
08/03/86	3.13	2.76	3.50	-	-	-	-	-	-
08/04/86	2.95	2.70	3.38	-	-	-	-	-	-
08/05/86	4.83	2.70	6.31	-	-	-	-	-	-
08/06/86	6.40	5.74	6.79	-	-	-	-	-	-
08/07/86	5.37	4.65	6.20	-	-	-	-	-	-
08/08/86	4.07	2.94	5.71	-	-	-	-	-	-
08/09/86	5.01	3.73	6.13	-	-	-	-	-	-
08/10/86	5.08	3.96	6.36	-	-	-	-	-	-
08/11/86	5.08	3.28	6.29	-	-	-	-	-	-
08/12/86	4.01	3.17	4.98	-	-	-	-	-	-
08/13/86	2.99	2.62	3.55	-	-	-	-	-	-
08/14/86	3.17	3.04	3.74	-	-	-	-	-	-
08/15/86	3.26	2.88	3.83	-	-	-	-	-	-
08/16/86	3.28	2.87	4.03	-	-	-	-	-	-
08/17/86	3.74	3.50	4.33	-	-	-	-	-	-
08/18/86	4.70	3.89	5.12	-	-	-	-	-	-
08/19/86	3.94	3.56	5.11	-	-	-	-	-	-
08/20/86	4.24	3.47	5.84	-	-	-	-	-	-
08/21/86	3.61	3.26	4.05	-	-	-	-	-	-
08/22/86	3.43	2.99	3.88	-	-	-	-	-	-
08/23/86	5.23	4.39	5.92	-	-	-	-	-	-

MOORING=14A
 LATITUDE=66-45.0'N
 LONGITUDE=168-55.0'W

DAILY STATISTICS
 INST DEPTH=36M
 SONIC DEPTH=43M

BEGINNING: 07/07/86
 ENDING: 09/23/86

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
08/24/86	3.99	3.80	4.93	-	-	-	-	-	-
08/25/86	4.63	4.04	6.26	-	-	-	-	-	-
08/26/86	5.09	4.74	6.13	-	-	-	-	-	-
08/27/86	4.54	4.31	4.75	-	-	-	-	-	-
08/28/86	5.14	3.87	5.58	-	-	-	-	-	-
08/29/86	5.50	4.00	6.60	-	-	-	-	-	-
08/30/86	6.33	5.65	7.02	-	-	-	-	-	-
08/31/86	6.64	6.14	7.27	-	-	-	-	-	-
09/01/86	6.83	6.07	7.42	-	-	-	-	-	-
09/02/86	6.29	5.60	7.49	-	-	-	-	-	-
09/03/86	5.73	5.29	6.01	-	-	-	-	-	-
09/04/86	4.09	3.07	5.44	-	-	-	-	-	-
09/05/86	4.21	3.60	5.09	-	-	-	-	-	-
09/06/86	3.63	2.97	4.68	-	-	-	-	-	-
09/07/86	4.89	4.55	5.42	-	-	-	-	-	-
09/08/86	4.43	3.62	5.50	-	-	-	-	-	-
09/09/86	5.64	4.79	6.29	-	-	-	-	-	-
09/10/86	5.41	4.08	7.75	-	-	-	-	-	-
09/11/86	5.97	4.32	7.50	-	-	-	-	-	-
09/12/86	5.48	4.52	6.11	-	-	-	-	-	-
09/13/86	6.32	5.44	6.72	-	-	-	-	-	-
09/14/86	5.32	4.94	6.10	-	-	-	-	-	-
09/15/86	4.72	4.15	5.47	-	-	-	-	-	-
09/16/86	4.19	3.68	4.63	-	-	-	-	-	-
09/17/86	3.84	3.39	4.69	-	-	-	-	-	-
09/18/86	3.90	3.08	4.67	-	-	-	-	-	-
09/19/86	2.69	1.64	3.98	-	-	-	-	-	-
09/20/86	3.78	2.99	4.72	-	-	-	-	-	-
09/21/86	3.77	2.62	5.02	-	-	-	-	-	-
09/22/86	3.40	2.49	4.66	-	-	-	-	-	-
09/23/86	4.35	4.09	4.52	-	-	-	-	-	-

MOORING=15A
 LATITUDE=67-36.9'N
 LONGITUDE=167-51.9'W

DAILY STATISTICS
 INST DEPTH=40M
 SONIC DEPTH=48M

BEGINNING: 07/08/86
 ENDING: 09/23/86

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
07/08/86	3.15	2.81	3.53	2.97	1.51	9.63	-	-	-
07/09/86	3.41	2.72	3.65	3.62	1.49	8.70	-	-	-
07/10/86	2.87	2.52	3.31	2.17	1.22	3.28	-	-	-
07/11/86	3.28	2.97	3.61	2.53	1.49	4.19	-	-	-
07/12/86	3.55	3.46	3.65	2.56	1.56	3.90	-	-	-
07/13/86	3.27	3.11	3.53	2.58	1.34	4.58	-	-	-
07/14/86	2.80	2.28	3.28	1.90	0.89	2.72	-	-	-
07/15/86	2.25	1.73	2.93	1.23	0.90	1.55	-	-	-
07/16/86	1.87	1.60	2.53	1.07	0.38	1.44	-	-	-
07/17/86	2.25	1.78	2.54	1.16	0.75	1.63	-	-	-
07/18/86	1.78	1.66	1.88	1.49	1.18	1.88	-	-	-
07/19/86	2.10	1.85	2.41	1.15	0.61	1.51	-	-	-
07/20/86	2.18	1.84	2.55	2.79	0.66	5.60	-	-	-
07/21/86	2.93	2.18	3.72	4.11	2.25	7.36	-	-	-
07/22/86	3.44	3.10	3.86	4.27	2.95	6.01	-	-	-
07/23/86	3.22	2.65	3.63	3.07	2.11	4.41	-	-	-
07/24/86	3.55	2.96	3.90	3.22	1.71	5.16	-	-	-
07/25/86	3.44	3.32	3.58	3.38	2.03	6.42	-	-	-
07/26/86	3.54	3.38	3.80	4.23	2.94	7.69	-	-	-
07/27/86	3.56	3.32	3.83	3.97	2.53	6.12	-	-	-
07/28/86	3.27	3.10	3.35	3.17	1.73	4.69	-	-	-
07/29/86	3.09	2.94	3.23	4.47	3.10	6.08	-	-	-
07/30/86	2.96	2.70	3.25	2.72	1.45	5.75	-	-	-
07/31/86	2.60	2.32	2.70	1.73	1.10	2.23	-	-	-
08/01/86	2.74	2.33	3.17	1.37	0.90	2.38	-	-	-
08/02/86	3.42	3.02	3.74	1.40	0.96	1.86	-	-	-
08/03/86	3.16	2.97	3.41	1.62	0.61	2.16	-	-	-
08/04/86	3.28	2.90	3.50	0.92	0.51	1.67	-	-	-
08/05/86	3.22	3.13	3.38	1.61	1.22	1.99	-	-	-
08/06/86	3.50	3.27	3.67	1.56	0.75	2.18	-	-	-
08/07/86	3.43	3.23	3.62	1.74	1.00	2.20	-	-	-
08/08/86	3.20	2.93	3.43	1.05	0.48	1.79	-	-	-
08/09/86	2.86	2.72	2.99	1.14	0.72	1.86	-	-	-
08/10/86	2.87	2.68	3.42	0.72	0.34	1.60	-	-	-
08/11/86	2.80	2.55	3.05	1.07	0.28	9.64	-	-	-
08/12/86	2.51	2.41	2.74	0.96	0.40	2.14	-	-	-
08/13/86	2.96	2.74	3.43	0.56	0.31	0.77	-	-	-
08/14/86	3.21	2.93	3.72	1.69	0.45	3.39	-	-	-
08/15/86	2.89	2.40	3.22	0.18	0.00	0.57	-	-	-
08/16/86	2.60	2.37	2.98	0.17	0.01	0.39	-	-	-
08/17/86	2.55	2.29	2.76	0.15	0.02	0.30	-	-	-
08/18/86	2.76	2.62	2.90	-	-	-	-	-	-
08/19/86	2.75	2.59	2.89	-	-	-	-	-	-
08/20/86	2.68	2.59	2.78	-	-	-	-	-	-
08/21/86	2.67	2.58	2.77	-	-	-	-	-	-
08/22/86	2.73	2.58	3.05	-	-	-	-	-	-
08/23/86	2.80	2.57	3.20	-	-	-	-	-	-
08/24/86	3.07	2.94	3.16	-	-	-	-	-	-

MOORING=15A
 LATITUDE=67-36.9'N
 LONGITUDE=167-51.9'W

DAILY STATISTICS
 INST DEPTH=40M
 SONIC DEPTH=48M

BEGINNING: 07/08/86
 ENDING: 09/23/86

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
08/25/86	3.06	2.94	3.20	-	-	-	-	-	-
08/26/86	3.19	3.12	3.23	-	-	-	-	-	-
08/27/86	3.14	3.02	3.25	0.42	0.42	0.42	-	-	-
08/28/86	3.07	2.96	3.17	-	-	-	-	-	-
08/29/86	2.80	2.58	3.21	-	-	-	-	-	-
08/30/86	2.76	2.54	2.88	-	-	-	-	-	-
08/31/86	2.80	2.59	2.93	0.56	0.50	0.61	-	-	-
09/01/86	3.05	2.66	3.59	2.35	0.47	9.53	-	-	-
09/02/86	4.07	3.66	4.28	3.67	3.67	3.67	-	-	-
09/03/86	3.94	3.85	4.18	-	-	-	-	-	-
09/04/86	3.66	3.27	3.89	-	-	-	-	-	-
09/05/86	3.30	2.51	3.53	-	-	-	-	-	-
09/06/86	4.17	2.87	5.13	-	-	-	-	-	-
09/07/86	4.92	4.10	5.61	-	-	-	-	-	-
09/08/86	3.74	3.62	4.03	-	-	-	-	-	-
09/09/86	3.46	2.96	3.75	-	-	-	-	-	-
09/10/86	2.91	2.72	3.10	-	-	-	-	-	-
09/11/86	3.25	2.86	3.51	-	-	-	-	-	-
09/12/86	3.43	3.38	3.51	-	-	-	-	-	-
09/13/86	3.34	3.15	3.46	-	-	-	-	-	-
09/14/86	3.81	3.29	4.37	-	-	-	-	-	-
09/15/86	4.78	4.26	5.08	-	-	-	-	-	-
09/16/86	4.37	4.00	4.95	-	-	-	-	-	-
09/17/86	5.28	4.44	5.76	-	-	-	-	-	-
09/18/86	5.14	4.88	5.86	-	-	-	-	-	-
09/19/86	4.73	4.39	4.92	-	-	-	-	-	-
09/20/86	4.15	3.59	4.59	-	-	-	-	-	-
09/21/86	3.32	3.08	3.64	-	-	-	-	-	-
09/22/86	3.04	2.64	3.15	-	-	-	-	-	-
09/23/86	2.72	2.67	2.86	-	-	-	-	-	-

MOORING=16A
 LATITUDE=65-09.0'N
 LONGITUDE=168-29.0'W

DAILY STATISTICS
 INST DEPTH=23M
 SONIC DEPTH=49M

BEGINNING: 07/06/86
 ENDING: 09/21/86

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
07/06/86	2.57	2.55	2.60	1.45	0.56	3.22	-	-	-
07/07/86	2.65	2.53	2.74	2.87	0.92	8.31	-	-	-
07/08/86	2.55	2.19	2.69	2.52	0.78	8.31	-	-	-
07/09/86	2.24	2.08	2.39	4.44	0.91	8.30	-	-	-
07/10/86	2.38	2.19	2.61	6.68	1.74	8.30	-	-	-
07/11/86	2.53	2.24	2.92	4.98	0.80	8.30	-	-	-
07/12/86	2.69	2.24	3.87	4.53	0.92	8.31	-	-	-
07/13/86	2.54	2.39	2.89	4.62	1.71	8.30	-	-	-
07/14/86	3.25	2.74	4.76	3.06	1.11	8.30	-	-	-
07/15/86	3.24	1.90	4.96	3.03	1.19	8.31	-	-	-
07/16/86	3.06	2.50	4.01	1.69	0.71	7.32	-	-	-
07/17/86	3.12	2.36	4.71	4.58	0.83	8.31	-	-	-
07/18/86	2.99	2.50	4.12	2.56	0.52	8.07	-	-	-
07/19/86	3.10	2.86	3.37	0.65	0.42	1.41	-	-	-
07/20/86	3.31	2.77	5.53	0.61	0.42	0.83	-	-	-
07/21/86	4.45	2.66	6.24	1.09	0.40	1.90	-	-	-
07/22/86	6.09	4.94	6.84	1.87	1.25	2.53	-	-	-
07/23/86	4.79	3.99	6.44	1.23	0.59	2.24	-	-	-
07/24/86	4.10	2.92	5.11	0.97	0.40	2.46	-	-	-
07/25/86	3.62	3.17	4.22	0.77	0.37	1.50	-	-	-
07/26/86	3.77	3.01	4.24	0.59	0.34	1.22	-	-	-
07/27/86	3.04	2.39	3.54	0.46	0.26	0.82	-	-	-
07/28/86	3.12	2.56	3.82	0.44	0.15	1.47	-	-	-
07/29/86	3.45	2.68	4.12	0.39	0.17	0.82	-	-	-
07/30/86	3.77	3.30	4.03	0.38	0.19	0.66	-	-	-
07/31/86	3.33	2.39	4.31	0.59	0.31	1.15	-	-	-
08/01/86	4.20	3.09	5.09	0.79	0.22	1.60	-	-	-
08/02/86	5.79	4.83	6.38	1.40	0.93	2.18	-	-	-
08/03/86	5.91	5.29	6.78	1.42	0.78	2.18	-	-	-
08/04/86	6.10	5.19	6.50	1.62	1.07	2.61	-	-	-
08/05/86	6.85	5.99	7.63	1.22	0.14	2.00	-	-	-
08/06/86	6.34	5.01	7.04	0.91	0.09	2.27	-	-	-
08/07/86	5.95	5.64	6.30	1.31	0.35	4.01	-	-	-
08/08/86	6.80	5.87	7.86	0.59	0.24	1.12	-	-	-
08/09/86	7.21	6.02	7.95	0.86	0.18	1.61	-	-	-
08/10/86	6.53	5.51	7.17	1.20	0.60	1.71	-	-	-
08/11/86	6.40	5.56	7.43	1.44	0.43	4.60	-	-	-
08/12/86	4.93	3.08	7.26	2.02	0.57	8.35	-	-	-
08/13/86	3.57	3.19	4.06	0.70	0.37	1.55	-	-	-
08/14/86	3.23	2.90	4.33	0.88	0.22	2.97	-	-	-
08/15/86	3.08	2.67	3.83	0.84	0.10	3.33	-	-	-
08/16/86	2.67	2.25	3.25	0.54	0.01	1.35	-	-	-
08/17/86	2.78	2.48	3.07	0.44	0.17	0.64	-	-	-
08/18/86	3.05	2.52	3.56	1.74	0.32	3.75	-	-	-
08/19/86	3.10	2.75	3.60	1.88	0.76	4.02	-	-	-
08/20/86	2.74	1.77	3.71	1.54	0.09	5.75	-	-	-
08/21/86	2.35	1.56	3.14	0.63	0.02	5.35	-	-	-
08/22/86	2.25	2.09	2.63	0.44	0.04	2.26	-	-	-

MOORING=16A
 LATITUDE=65-09.0'N
 LONGITUDE=168-29.0'W

DAILY STATISTICS
 INST DEPTH=23M
 SONIC DEPTH=49M

BEGINNING: 07/06/86
 ENDING: 09/21/86

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
08/23/86	2.42	1.97	3.72	1.18	0.02	8.31	-	-	-
08/24/86	3.83	2.31	5.82	2.50	0.15	7.80	-	-	-
08/25/86	4.86	2.65	6.25	1.42	0.43	3.69	-	-	-
08/26/86	4.95	3.07	6.59	0.56	0.16	1.07	-	-	-
08/27/86	5.59	4.01	6.63	0.66	0.22	1.01	-	-	-
08/28/86	5.36	3.87	6.60	0.80	0.35	1.57	-	-	-
08/29/86	3.59	2.80	5.99	0.67	0.23	1.28	-	-	-
08/30/86	4.25	2.48	6.17	1.18	0.13	2.88	-	-	-
08/31/86	4.02	2.90	5.76	2.25	0.45	4.76	-	-	-
09/01/86	2.83	2.04	3.09	0.76	0.19	2.46	-	-	-
09/02/86	2.94	1.97	3.45	0.51	0.16	2.61	-	-	-
09/03/86	3.26	2.92	3.71	0.29	0.03	0.62	-	-	-
09/04/86	3.19	2.61	4.14	0.40	0.04	1.98	-	-	-
09/05/86	3.71	2.29	5.06	1.33	0.41	2.47	-	-	-
09/06/86	5.49	4.70	6.01	1.28	0.85	2.52	-	-	-
09/07/86	4.62	4.16	5.21	1.04	0.66	1.34	-	-	-
09/08/86	4.97	4.67	5.18	0.90	0.67	1.23	-	-	-
09/09/86	5.07	4.55	5.44	0.94	0.57	1.38	-	-	-
09/10/86	5.19	4.61	5.64	0.57	0.36	0.81	-	-	-
09/11/86	4.42	3.95	5.18	0.79	0.47	1.38	-	-	-
09/12/86	4.41	4.03	4.91	0.84	0.56	1.48	-	-	-
09/13/86	4.25	3.03	5.12	0.96	0.36	3.86	-	-	-
09/14/86	3.79	2.84	4.70	1.59	0.17	3.74	-	-	-
09/15/86	3.60	3.02	4.69	1.15	0.52	1.88	-	-	-
09/16/86	3.45	3.07	3.94	0.65	0.34	1.29	-	-	-
09/17/86	4.35	3.16	4.66	0.68	0.27	1.56	-	-	-
09/18/86	4.00	2.96	4.56	0.67	0.24	1.43	-	-	-
09/19/86	4.51	4.18	4.69	0.41	0.07	0.71	-	-	-
09/20/86	4.41	4.34	4.54	0.61	0.40	0.78	-	-	-
09/21/86	4.36	4.36	4.36	0.56	0.55	0.58	-	-	-

MOORING=14B
 LATITUDE=66-44.8'N
 LONGITUDE=168-54.7'W

DAILY STATISTICS
 INST DEPTH=35M
 SONIC DEPTH=42M

BEGINNING: 09/24/86
 ENDING: 06/14/87

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
09/24/86	4.65	4.38	5.07	-	-	-	1.928	1.590	2.376
09/25/86	3.67	2.34	5.09	-	-	-	1.755	1.252	3.163
09/26/86	4.35	3.06	5.36	-	-	-	1.741	1.365	2.515
09/27/86	3.91	3.03	4.50	-	-	-	1.400	.823	3.368
09/28/86	4.51	3.89	5.01	-	-	-	1.758	1.224	2.204
09/29/86	4.35	3.87	4.92	-	-	-	1.520	.906	2.510
09/30/86	3.99	3.76	4.06	-	-	-	1.572	1.409	2.109
10/01/86	3.94	3.74	4.16	-	-	-	1.602	1.354	2.084
10/02/86	3.44	2.95	3.84	-	-	-	1.129	.885	1.623
10/03/86	3.33	2.60	3.75	-	-	-	1.181	.972	1.496
10/04/86	3.56	2.93	3.89	-	-	-	1.415	1.333	1.682
10/05/86	3.79	3.60	3.88	-	-	-	1.365	1.046	1.480
10/06/86	3.28	2.91	3.83	-	-	-	1.622	1.320	2.238
10/07/86	2.80	2.61	2.99	-	-	-	1.350	1.069	1.856
10/08/86	2.69	2.08	3.75	-	-	-	1.116	.707	1.411
10/09/86	3.50	2.75	4.07	-	-	-	1.178	.680	2.150
10/10/86	2.95	2.59	3.17	-	-	-	1.416	1.202	2.096
10/11/86	3.15	2.84	3.61	-	-	-	1.907	.756	2.709
10/12/86	3.10	1.64	3.77	-	-	-	2.112	1.355	2.618
10/13/86	1.83	1.64	2.67	-	-	-	1.665	1.322	2.934
10/14/86	3.59	2.78	3.89	-	-	-	5.168	2.623	>6.0
10/15/86	3.12	2.85	3.56	-	-	-	4.951	3.155	>6.0
10/16/86	3.02	2.90	3.09	-	-	-	2.815	2.466	3.273
10/17/86	3.42	2.96	3.68	-	-	-	4.071	2.476	>6.0
10/18/86	3.46	3.32	3.61	-	-	-	2.756	1.759	3.321
10/19/86	3.31	3.20	3.57	-	-	-	2.182	1.472	2.651
10/20/86	2.83	2.36	3.23	-	-	-	2.532	2.051	3.034
10/21/86	2.52	2.34	2.72	-	-	-	3.837	1.789	>6.0
10/22/86	2.29	1.73	3.00	-	-	-	>6.0	>6.0	>6.0
10/23/86	1.64	1.54	1.80	-	-	-	5.754	4.268	>6.0
10/24/86	1.96	1.67	2.36	-	-	-	4.970	3.714	>6.0
10/25/86	1.91	1.79	2.19	-	-	-	3.654	2.988	4.633
10/26/86	1.63	1.40	1.99	-	-	-	5.785	3.812	>6.0
10/27/86	1.01	0.85	1.30	-	-	-	2.891	1.892	4.725
10/28/86	0.96	0.88	0.99	-	-	-	1.807	1.527	2.146
10/29/86	0.96	0.89	0.98	-	-	-	1.606	1.325	1.787
10/30/86	0.78	0.56	1.07	-	-	-	1.775	1.354	2.110
10/31/86	0.78	0.67	0.86	-	-	-	1.960	1.649	2.276
11/01/86	0.68	0.60	0.81	-	-	-	1.780	1.511	2.125
11/02/86	0.56	0.50	0.61	-	-	-	1.723	1.564	2.139
11/03/86	0.53	0.45	0.63	-	-	-	2.255	1.767	2.641
11/04/86	0.65	0.55	0.83	-	-	-	2.492	1.763	3.513
11/05/86	0.59	0.54	0.63	-	-	-	2.282	1.830	2.721
11/06/86	0.68	0.56	0.81	-	-	-	2.479	1.558	4.530
11/07/86	0.76	0.62	0.93	-	-	-	3.729	2.491	>6.0
11/08/86	1.03	0.89	1.13	-	-	-	4.028	2.363	>6.0
11/09/86	1.05	0.82	1.23	-	-	-	3.731	2.652	5.989
11/10/86	1.06	0.92	1.23	-	-	-	3.038	1.981	>6.0

MOORING=14B
 LATITUDE=66-44.8'N
 LONGITUDE=168-54.7'W

DAILY STATISTICS
 INST DEPTH=35M
 SONIC DEPTH=42M

BEGINNING: 09/24/86
 ENDING: 06/14/87

DATE	TEMPERATURE (C)			CHL(UG/L)			ATTENUATION(1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
11/11/86	0.85	0.61	1.10	-	-	-	2.500	1.524	>6.0
11/12/86	0.67	0.54	0.87	-	-	-	2.143	1.417	4.528
11/13/86	1.05	0.81	1.24	-	-	-	2.157	1.417	>6.0
11/14/86	0.98	0.58	1.18	-	-	-	2.701	1.730	4.926
11/15/86	0.80	0.48	1.06	-	-	-	1.930	1.278	4.015
11/16/86	1.06	0.99	1.12	-	-	-	1.511	1.255	2.312
11/17/86	0.98	0.80	1.11	-	-	-	1.371	1.277	1.647
11/18/86	1.03	0.83	1.11	-	-	-	1.519	1.224	2.140
11/19/86	0.99	0.96	1.05	-	-	-	1.534	1.252	2.018
11/20/86	1.00	0.95	1.04	-	-	-	1.457	1.226	2.203
11/21/86	1.01	0.93	1.04	-	-	-	2.455	1.158	3.800
11/22/86	0.77	0.37	1.03	-	-	-	2.853	1.539	3.361
11/23/86	0.67	0.20	1.00	-	-	-	2.219	1.597	3.905
11/24/86	0.45	-0.24	1.01	-	-	-	1.903	1.446	2.246
11/25/86	0.93	0.52	1.00	-	-	-	1.763	1.576	2.123
11/26/86	1.06	1.00	1.14	-	-	-	1.981	1.658	>6.0
11/27/86	1.21	1.14	1.25	-	-	-	1.941	1.288	4.982
11/28/86	1.23	1.21	1.31	-	-	-	1.777	1.133	>6.0
11/29/86	0.83	-0.24	1.33	-	-	-	5.081	2.580	>6.0
11/30/86	-1.20	-1.76	-0.33	-	-	-	3.475	2.386	>6.0
12/01/86	0.14	-1.75	1.21	-	-	-	4.177	2.668	5.724
12/02/86	0.81	0.60	1.11	-	-	-	3.041	2.320	4.357
12/03/86	-0.07	-1.44	0.53	-	-	-	3.232	2.273	>6.0
12/04/86	-1.54	-1.72	-1.31	-	-	-	4.330	3.424	>6.0
12/05/86	-1.46	-1.59	-1.21	-	-	-	3.159	2.393	4.629
12/06/86	-1.47	-1.58	-1.28	-	-	-	2.567	2.014	3.841
12/07/86	-1.51	-1.65	-1.35	-	-	-	2.601	2.069	3.324
12/08/86	-1.66	-1.73	-1.38	-	-	-	3.312	2.378	5.015
12/09/86	-1.74	-1.75	-1.73	-	-	-	3.444	2.079	>6.0
12/10/86	-1.73	-1.75	-1.71	-	-	-	2.403	1.952	3.425
12/11/86	-1.73	-1.74	-1.72	-	-	-	2.090	1.783	2.324
12/12/86	-1.73	-1.74	-1.72	-	-	-	2.353	1.665	3.361
12/13/86	-1.72	-1.74	-1.69	-	-	-	3.673	2.003	>6.0
12/14/86	-1.73	-1.74	-1.71	-	-	-	>6.0	2.214	>6.0
12/15/86	-1.73	-1.74	-1.71	-	-	-	5.258	1.953	>6.0
12/16/86	-1.75	-1.77	-1.74	-	-	-	4.203	2.311	>6.0
12/17/86	-1.75	-1.76	-1.75	-	-	-	4.638	2.915	>6.0
12/18/86	-1.75	-1.76	-1.74	-	-	-	5.610	2.393	>6.0
12/19/86	-1.75	-1.76	-1.73	-	-	-	5.037	2.481	>6.0
12/20/86	-1.75	-1.76	-1.74	-	-	-	>6.0	4.739	>6.0
12/21/86	-1.75	-1.76	-1.73	-	-	-	>6.0	1.847	>6.0
12/22/86	-1.74	-1.75	-1.73	-	-	-	>6.0	>6.0	>6.0
12/23/86	-1.73	-1.74	-1.71	-	-	-	>6.0	2.087	>6.0
12/24/86	-1.68	-1.72	-1.64	-	-	-	>6.0	2.332	>6.0
12/25/86	-1.72	-1.77	-1.71	-	-	-	2.129	1.846	2.657
12/26/86	-1.79	-1.80	-1.76	-	-	-	1.938	1.727	2.289
12/27/86	-1.77	-1.78	-1.76	-	-	-	2.102	1.768	2.346
12/28/86	-1.77	-1.78	-1.77	-	-	-	2.469	2.351	2.580

MOORING=14B
 LATITUDE=66-44.8'N
 LONGITUDE=168-54.7'W

DAILY STATISTICS
 INST DEPTH=35M
 SONIC DEPTH=42M

BEGINNING: 09/24/86
 ENDING: 06/14/87

DATE	TEMPERATURE (C)			CHL(UG/L)			ATTENUATION(1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
12/29/86	-1.77	-1.78	-1.75	-	-	-	2.689	2.420	2.903
12/30/86	-1.73	-1.75	-1.71	-	-	-	3.013	2.851	3.199
12/31/86	-1.75	-1.77	-1.73	-	-	-	2.980	2.111	3.276
01/01/87	-1.74	-1.76	-1.73	-	-	-	2.256	1.708	3.633
01/02/87	-1.76	-1.78	-1.69	-	-	-	3.324	2.716	5.502
01/03/87	-1.77	-1.77	-1.76	-	-	-	2.778	2.692	2.984
01/04/87	-1.76	-1.78	-1.74	-	-	-	2.698	2.307	2.922
01/05/87	-1.78	-1.80	-1.77	-	-	-	2.798	2.389	3.004
01/06/87	-1.79	-1.80	-1.78	-	-	-	2.959	2.882	3.036
01/07/87	-1.78	-1.79	-1.77	-	-	-	3.028	2.875	3.236
01/08/87	-1.78	-1.80	-1.77	-	-	-	2.803	2.683	2.954
01/09/87	-1.78	-1.79	-1.76	-	-	-	2.780	2.673	2.873
01/10/87	-1.79	-1.80	-1.78	-	-	-	2.533	2.359	2.786
01/11/87	-1.79	-1.80	-1.78	-	-	-	2.410	2.324	2.875
01/12/87	-1.80	-1.81	-1.79	-	-	-	2.343	1.994	2.638
01/13/87	-1.79	-1.81	-1.78	-	-	-	2.387	2.112	2.716
01/14/87	-1.79	-1.80	-1.78	-	-	-	3.820	2.388	>6.0
01/15/87	-1.77	-1.79	-1.75	-	-	-	3.049	2.587	4.422
01/16/87	-1.76	-1.77	-1.75	-	-	-	2.603	2.393	2.951
01/17/87	-1.76	-1.77	-1.76	-	-	-	2.304	2.127	2.542
01/18/87	-1.77	-1.77	-1.76	-	-	-	2.672	1.972	3.433
01/19/87	-1.76	-1.77	-1.75	-	-	-	3.192	2.793	3.528
01/20/87	-1.75	-1.76	-1.74	-	-	-	2.756	2.660	2.900
01/21/87	-1.76	-1.77	-1.75	-	-	-	2.587	2.403	2.750
01/22/87	-1.76	-1.77	-1.75	-	-	-	2.621	2.431	2.719
01/23/87	-1.76	-1.77	-1.75	-	-	-	2.601	2.548	2.692
01/24/87	-1.76	-1.76	-1.75	-	-	-	2.239	1.997	2.600
01/25/87	-1.75	-1.76	-1.75	-	-	-	2.350	2.210	2.486
01/26/87	-1.75	-1.76	-1.74	-	-	-	2.436	2.269	2.552
01/27/87	-1.77	-1.78	-1.76	-	-	-	2.092	1.853	2.304
01/28/87	-1.78	-1.79	-1.77	-	-	-	2.228	2.032	2.492
01/29/87	-1.76	-1.78	-1.74	-	-	-	2.128	1.964	2.211
01/30/87	-1.77	-1.79	-1.75	-	-	-	2.157	1.948	2.494
01/31/87	-1.77	-1.78	-1.77	-	-	-	2.457	2.289	2.793
02/01/87	-1.79	-1.81	-1.77	-	-	-	2.966	2.393	3.490
02/02/87	-1.80	-1.81	-1.78	-	-	-	3.347	3.197	3.441
02/03/87	-1.79	-1.80	-1.78	-	-	-	3.261	3.159	3.354
02/04/87	-1.79	-1.80	-1.78	-	-	-	3.136	2.640	3.268
02/05/87	-1.80	-1.81	-1.79	-	-	-	2.674	2.435	2.882
02/06/87	-1.78	-1.80	-1.77	-	-	-	2.809	2.649	3.097
02/07/87	-1.77	-1.78	-1.76	-	-	-	3.008	2.808	3.213
02/08/87	-1.77	-1.78	-1.76	-	-	-	2.966	2.778	3.139
02/09/87	-1.78	-1.78	-1.77	-	-	-	2.813	2.718	2.950
02/10/87	-1.78	-1.79	-1.77	-	-	-	2.758	2.315	2.955
02/11/87	-1.79	-1.80	-1.79	-	-	-	2.487	2.320	2.642
02/12/87	-1.80	-1.81	-1.79	-	-	-	2.231	1.989	2.446
02/13/87	-1.79	-1.81	-1.78	-	-	-	2.500	2.372	2.590
02/14/87	-1.79	-1.80	-1.78	-	-	-	2.516	2.425	2.670

MOORING=14B
 LATITUDE=66-44.8'N
 LONGITUDE=168-54.7'W

DAILY STATISTICS
 INST DEPTH=35M
 SONIC DEPTH=42M

BEGINNING: 09/24/86
 ENDING: 06/14/87

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
02/15/87	-1.79	-1.80	-1.78	-	-	-	2.571	2.520	2.634
02/16/87	-1.79	-1.80	-1.78	-	-	-	2.639	2.573	2.683
02/17/87	-1.79	-1.79	-1.78	-	-	-	2.698	2.596	2.772
02/18/87	-1.78	-1.79	-1.77	-	-	-	2.882	2.759	2.972
02/19/87	-1.78	-1.78	-1.77	-	-	-	2.889	2.785	2.992
02/20/87	-1.77	-1.79	-1.75	-	-	-	3.048	2.892	3.161
02/21/87	-1.78	-1.79	-1.77	-	-	-	2.887	2.824	2.965
02/22/87	-1.79	-1.81	-1.77	-	-	-	2.681	1.970	3.058
02/23/87	-1.80	-1.81	-1.79	-	-	-	2.205	2.132	2.302
02/24/87	-1.79	-1.80	-1.77	-	-	-	2.448	2.197	2.689
02/25/87	-1.81	-1.81	-1.80	-	-	-	2.370	2.149	2.661
02/26/87	-1.79	-1.80	-1.78	-	-	-	2.406	2.201	2.686
02/27/87	-1.80	-1.81	-1.79	-	-	-	2.382	2.213	2.732
02/28/87	-1.80	-1.81	-1.80	-	-	-	2.321	2.191	2.477
03/01/87	-1.81	-1.81	-1.80	-	-	-	2.395	2.204	2.583
03/02/87	-1.81	-1.81	-1.80	-	-	-	2.682	2.444	2.877
03/03/87	-1.81	-1.81	-1.80	-	-	-	2.796	2.509	2.978
03/04/87	-1.81	-1.82	-1.81	-	-	-	2.887	2.490	3.131
03/05/87	-1.81	-1.82	-1.80	-	-	-	2.463	2.194	2.793
03/06/87	-1.80	-1.81	-1.79	-	-	-	2.776	2.666	2.911
03/07/87	-1.80	-1.80	-1.79	-	-	-	2.819	2.723	2.938
03/08/87	-1.80	-1.80	-1.79	-	-	-	2.844	2.745	2.922
03/09/87	-1.80	-1.80	-1.79	-	-	-	2.950	2.815	3.066
03/10/87	-1.79	-1.80	-1.79	-	-	-	2.919	2.702	3.114
03/11/87	-1.79	-1.80	-1.78	-	-	-	2.954	2.689	3.277
03/12/87	-1.79	-1.80	-1.78	-	-	-	3.481	3.310	3.577
03/13/87	-1.79	-1.80	-1.77	-	-	-	3.576	3.478	3.719
03/14/87	-1.80	-1.81	-1.78	-	-	-	3.465	3.337	3.704
03/15/87	-1.80	-1.80	-1.79	-	-	-	3.524	3.404	3.621
03/16/87	-1.80	-1.80	-1.79	-	-	-	3.279	2.988	3.653
03/17/87	-1.80	-1.80	-1.79	-	-	-	3.101	2.762	3.369
03/18/87	-1.79	-1.80	-1.79	-	-	-	2.946	2.797	3.095
03/19/87	-1.79	-1.80	-1.78	-	-	-	3.128	2.921	3.377
03/20/87	-1.79	-1.79	-1.78	-	-	-	3.425	3.306	3.563
03/21/87	-1.80	-1.81	-1.77	-	-	-	2.846	1.999	3.493
03/22/87	-1.81	-1.82	-1.80	-	-	-	4.027	2.612	>6.0
03/23/87	-1.80	-1.81	-1.77	-	-	-	4.673	3.909	>6.0
03/24/87	-1.79	-1.80	-1.78	-	-	-	3.887	3.529	4.008
03/25/87	-1.80	-1.81	-1.79	-	-	-	3.438	3.246	3.574
03/26/87	-1.80	-1.80	-1.79	-	-	-	3.266	2.880	3.607
03/27/87	-1.80	-1.81	-1.80	-	-	-	3.056	2.641	3.259
03/28/87	-1.81	-1.81	-1.80	-	-	-	3.283	3.017	3.720
03/29/87	-1.80	-1.81	-1.80	-	-	-	3.099	2.659	3.774
03/30/87	-1.81	-1.82	-1.80	-	-	-	3.016	2.685	3.215
03/31/87	-1.82	-1.83	-1.81	-	-	-	2.615	2.238	2.783
04/01/87	-1.81	-1.82	-1.81	-	-	-	2.399	2.251	2.653
04/02/87	-1.81	-1.82	-1.80	-	-	-	2.517	2.266	2.849
04/03/87	-1.81	-1.82	-1.81	-	-	-	2.479	2.366	2.617

MOORING=14B
 LATITUDE=66-44.8'N
 LONGITUDE=168-54.7'W

DAILY STATISTICS
 INST DEPTH=35M
 SONIC DEPTH=42M

BEGINNING: 09/24/86
 ENDING: 06/14/87

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
04/04/87	-1.81	-1.82	-1.79	-	-	-	2.592	2.472	2.830
04/05/87	-1.81	-1.82	-1.79	-	-	-	2.338	2.143	2.728
04/06/87	-1.81	-1.82	-1.81	-	-	-	2.444	2.298	2.662
04/07/87	-1.81	-1.82	-1.81	-	-	-	2.780	2.602	2.942
04/08/87	-1.81	-1.81	-1.80	-	-	-	3.058	2.826	3.243
04/09/87	-1.80	-1.81	-1.78	-	-	-	3.164	3.109	3.277
04/10/87	-1.81	-1.82	-1.79	-	-	-	2.362	1.942	3.169
04/11/87	-1.81	-1.82	-1.79	-	-	-	2.172	1.999	2.511
04/12/87	-1.81	-1.82	-1.80	-	-	-	2.566	2.366	2.726
04/13/87	-1.80	-1.81	-1.79	-	-	-	2.821	2.649	3.004
04/14/87	-1.80	-1.80	-1.79	-	-	-	2.815	2.676	2.949
04/15/87	-1.79	-1.80	-1.78	-	-	-	2.883	2.640	3.087
04/16/87	-1.80	-1.81	-1.78	-	-	-	2.846	2.650	3.014
04/17/87	-1.80	-1.81	-1.79	-	-	-	2.817	2.638	3.002
04/18/87	-1.80	-1.81	-1.79	-	-	-	2.936	2.729	3.844
04/19/87	-1.80	-1.81	-1.79	-	-	-	3.155	2.900	3.360
04/20/87	-1.80	-1.81	-1.80	-	-	-	3.296	3.075	3.639
04/21/87	-1.81	-1.81	-1.80	-	-	-	2.930	2.718	3.083
04/22/87	-1.81	-1.82	-1.80	-	-	-	3.131	2.931	3.346
04/23/87	-1.81	-1.82	-1.80	-	-	-	3.383	3.231	3.602
04/24/87	-1.81	-1.82	-1.81	-	-	-	3.524	3.280	3.746
04/25/87	-1.82	-1.82	-1.81	-	-	-	3.513	3.296	3.774
04/26/87	-1.82	-1.83	-1.81	-	-	-	3.468	3.053	3.795
04/27/87	-1.82	-1.83	-1.81	-	-	-	3.207	2.834	3.503
04/28/87	-1.83	-1.83	-1.82	-	-	-	3.071	2.696	3.336
04/29/87	-1.83	-1.83	-1.81	-	-	-	3.622	3.128	4.073
04/30/87	-1.83	-1.84	-1.82	-	-	-	4.134	3.807	4.414
05/01/87	-1.82	-1.83	-1.81	-	-	-	4.467	4.092	4.788
05/02/87	-1.82	-1.83	-1.80	-	-	-	3.212	2.433	4.637
05/03/87	-1.82	-1.83	-1.81	-	-	-	3.039	2.888	3.180
05/04/87	-1.82	-1.83	-1.81	-	-	-	3.230	2.997	3.464
05/05/87	-1.82	-1.83	-1.81	-	-	-	2.956	2.290	3.663
05/06/87	-1.82	-1.83	-1.81	-	-	-	2.734	2.348	3.277
05/07/87	-1.81	-1.82	-1.79	-	-	-	3.046	2.694	3.419
05/08/87	-1.79	-1.80	-1.77	-	-	-	3.146	2.818	3.448
05/09/87	-1.74	-1.79	-1.72	-	-	-	3.011	2.822	3.601
05/10/87	-1.76	-1.78	-1.73	-	-	-	2.794	2.641	3.055
05/11/87	-1.78	-1.79	-1.76	-	-	-	2.996	2.852	3.143
05/12/87	-1.77	-1.79	-1.76	-	-	-	3.088	2.613	3.432
05/13/87	-1.77	-1.79	-1.74	-	-	-	3.073	2.678	3.509
05/14/87	-1.76	-1.78	-1.74	-	-	-	3.201	3.003	4.802
05/15/87	-1.70	-1.78	-1.59	-	-	-	2.939	2.317	3.588
05/16/87	-1.77	-1.79	-1.63	-	-	-	2.565	2.335	3.128
05/17/87	-1.78	-1.80	-1.75	-	-	-	2.511	2.310	2.770
05/18/87	-1.77	-1.78	-1.75	-	-	-	2.723	2.367	3.052
05/19/87	-1.77	-1.78	-1.73	-	-	-	3.628	2.315	>6.0
05/20/87	-1.74	-1.77	-1.71	-	-	-	>6.0	2.751	>6.0
05/21/87	-1.71	-1.72	-1.70	-	-	-	5.392	2.845	>6.0

MOORING=14B
 LATITUDE=66-44.8'N
 LONGITUDE=168-54.7'W

DAILY STATISTICS
 INST DEPTH=35M
 SONIC DEPTH=42M

BEGINNING: 09/24/86
 ENDING: 06/14/87

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
05/22/87	-1.69	-1.72	-1.65	-	-	-	5.812	2.803	>6.0
05/23/87	-1.63	-1.65	-1.53	-	-	-	>6.0	2.908	>6.0
05/24/87	-1.65	-1.66	-1.62	-	-	-	3.324	3.129	3.435
05/25/87	-1.58	-1.64	-1.52	-	-	-	3.705	3.324	4.151
05/26/87	-1.52	-1.53	-1.50	-	-	-	4.107	3.961	4.426
05/27/87	-1.50	-1.55	-1.40	-	-	-	4.258	3.576	4.830
05/28/87	-1.44	-1.55	-1.34	-	-	-	3.737	3.355	4.410
05/29/87	-1.51	-1.57	-1.46	-	-	-	3.510	3.302	3.739
05/30/87	-1.49	-1.56	-1.39	-	-	-	3.833	3.316	>6.0
05/31/87	-1.44	-1.56	-1.29	-	-	-	3.293	2.790	3.786
06/01/87	-1.04	-1.31	-0.82	-	-	-	2.979	2.781	3.350
06/02/87	-0.92	-1.07	-0.77	-	-	-	3.158	2.849	3.809
06/03/87	-0.88	-0.96	-0.69	-	-	-	3.132	2.877	3.751
06/04/87	-0.79	-0.91	-0.65	-	-	-	3.193	2.838	3.894
06/05/87	-0.58	-0.78	-0.42	-	-	-	3.539	3.122	4.119
06/06/87	-0.42	-0.53	-0.34	-	-	-	4.565	4.155	5.328
06/07/87	-0.52	-0.60	-0.39	-	-	-	4.657	3.920	5.564
06/08/87	-0.58	-0.67	-0.48	-	-	-	3.572	3.190	4.083
06/09/87	-0.51	-0.67	-0.33	-	-	-	3.650	3.428	4.381
06/10/87	-0.46	-0.71	-0.30	-	-	-	4.131	3.594	4.622
06/11/87	-0.30	-0.40	-0.25	-	-	-	4.998	4.414	>6.0
06/12/87	-0.13	-0.29	0.09	-	-	-	5.735	5.178	>6.0
06/13/87	0.05	-0.04	0.20	-	-	-	>6.0	5.581	>6.0
06/14/87	-0.02	-0.09	0.06	-	-	-	>6.0	5.422	>6.0

MOORING=16B
 LATITUDE=65-09.3'N
 LONGITUDE=168-28.0'W

DAILY STATISTICS
 INST DEPTH=42M
 SONIC DEPTH=49M

BEGINNING: 09/24/86
 ENDING: 05/26/87

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
09/24/86	4.27	4.24	4.29	-	-	-	1.633	1.582	1.765
09/25/86	4.30	4.18	4.41	-	-	-	3.513	1.387	>6.0
09/26/86	3.94	2.66	4.48	-	-	-	1.719	1.246	2.467
09/27/86	2.22	2.04	2.73	2.16	2.04	2.24	1.099	.754	2.126
09/28/86	1.92	1.35	2.75	1.40	1.00	2.05	1.705	.773	2.856
09/29/86	2.81	1.88	4.10	1.25	1.01	1.40	1.607	1.215	2.148
09/30/86	3.22	2.90	3.49	1.22	1.04	1.39	1.388	1.188	1.610
10/01/86	3.03	2.43	3.55	0.92	0.85	1.04	1.576	1.253	2.087
10/02/86	2.83	2.60	3.15	0.94	0.85	1.01	1.713	1.482	2.134
10/03/86	2.84	2.49	3.14	0.93	0.89	1.00	1.709	1.565	1.871
10/04/86	2.87	2.47	3.45	0.99	0.93	1.02	1.480	1.334	1.989
10/05/86	1.96	1.48	2.45	1.00	0.91	1.14	1.444	.999	1.886
10/06/86	1.36	1.27	1.74	1.09	0.98	1.16	1.515	1.166	1.718
10/07/86	1.71	1.38	1.84	1.00	0.96	1.06	1.504	1.366	1.793
10/08/86	1.68	1.50	1.84	1.11	1.07	1.15	1.933	1.487	2.203
10/09/86	1.37	1.13	1.56	1.02	0.80	1.15	2.034	1.777	2.310
10/10/86	1.29	1.12	1.69	0.75	0.70	0.84	1.972	1.529	2.319
10/11/86	1.91	1.59	2.04	0.96	0.85	1.00	1.799	1.567	2.421
10/12/86	2.04	2.00	2.06	0.91	0.85	0.98	1.685	1.531	1.949
10/13/86	1.96	1.56	2.17	1.27	0.87	1.86	2.207	1.610	3.187
10/14/86	1.32	1.19	1.54	2.19	1.89	2.28	2.155	1.616	3.222
10/15/86	1.26	1.24	1.30	2.06	1.90	2.22	1.558	1.343	1.708
10/16/86	1.33	1.25	1.55	1.84	1.78	2.03	1.644	1.430	2.021
10/17/86	1.57	1.51	1.61	3.23	2.07	4.56	2.073	1.803	2.588
10/18/86	1.51	1.49	1.53	4.40	3.26	4.88	1.831	1.721	2.661
10/19/86	1.45	1.33	1.66	2.20	1.79	3.18	1.994	1.490	2.731
10/20/86	1.47	1.43	1.55	1.95	1.80	2.24	2.683	2.213	4.295
10/21/86	1.27	1.07	1.50	2.70	2.26	2.97	1.873	1.371	2.847
10/22/86	1.02	0.98	1.08	2.85	2.62	2.97	2.049	1.816	2.545
10/23/86	1.07	0.99	1.17	2.07	1.67	2.60	2.296	1.702	3.717
10/24/86	0.95	0.89	1.10	1.66	1.59	1.69	2.327	1.562	3.827
10/25/86	0.95	0.87	1.00	1.31	1.15	1.58	1.762	1.334	2.304
10/26/86	0.82	0.76	0.91	1.20	1.15	1.23	1.991	1.754	2.285
10/27/86	0.78	0.72	0.93	1.15	1.12	1.21	2.035	1.756	2.711
10/28/86	0.84	0.74	1.20	1.24	1.14	1.30	1.641	1.414	2.161
10/29/86	1.22	1.13	1.29	1.14	0.96	1.29	1.661	1.513	1.900
10/30/86	1.17	1.02	1.24	0.92	0.90	0.96	1.768	1.539	2.034
10/31/86	0.64	0.53	0.93	0.97	0.94	0.98	1.812	1.598	2.208
11/01/86	0.66	0.55	0.75	0.98	0.97	1.01	1.768	1.680	1.928
11/02/86	0.61	0.52	0.76	1.03	0.99	1.04	1.730	1.666	2.117
11/03/86	0.63	0.42	1.00	0.88	0.80	0.99	2.031	1.704	2.299
11/04/86	1.16	0.96	1.24	0.79	0.78	0.80	2.177	1.951	2.697
11/05/86	1.21	0.87	1.35	0.72	0.66	0.78	2.026	1.643	2.330
11/06/86	1.41	1.35	1.46	0.63	0.62	0.66	2.099	1.860	2.440
11/07/86	1.13	0.86	1.49	0.70	0.65	0.72	2.142	1.806	2.900
11/08/86	0.74	0.54	0.93	0.66	0.62	0.74	1.872	1.593	2.644
11/09/86	1.09	0.64	1.37	1.09	0.75	1.34	1.717	1.487	2.151
11/10/86	1.19	0.48	1.36	1.22	1.03	1.35	1.672	1.490	2.139

MOORING=16B
 LATITUDE=65-09.3'N
 LONGITUDE=168-28.0'W

DAILY STATISTICS
 INST DEPTH=42M
 SONIC DEPTH=49M

BEGINNING: 09/24/86
 ENDING: 05/26/87

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
11/11/86	0.70	0.41	0.95	0.94	0.90	1.03	1.853	1.632	2.274
11/12/86	1.00	0.82	1.08	0.87	0.82	0.90	1.844	1.515	2.404
11/13/86	0.83	0.68	1.08	0.78	0.77	0.82	2.240	1.936	2.518
11/14/86	0.61	0.47	0.70	0.80	0.77	0.82	2.312	2.064	2.903
11/15/86	0.51	0.37	0.74	0.85	0.82	0.90	2.922	2.449	4.841
11/16/86	0.41	0.31	0.48	1.11	0.91	1.30	2.574	2.353	3.258
11/17/86	0.27	0.20	0.41	1.17	0.95	1.30	2.436	2.224	2.709
11/18/86	0.50	0.16	1.17	0.88	0.85	0.94	2.532	2.149	2.936
11/19/86	0.85	0.67	1.18	0.93	0.91	0.94	3.135	2.067	4.722
11/20/86	0.66	0.61	0.73	0.86	0.83	0.91	2.580	2.246	3.245
11/21/86	0.84	0.74	0.98	0.98	0.85	1.08	2.147	1.960	2.495
11/22/86	0.79	0.54	0.98	0.98	0.84	1.08	2.475	1.982	4.394
11/23/86	0.91	0.45	1.29	0.78	0.76	0.83	4.700	2.134	>6.0
11/24/86	0.62	0.36	0.94	0.72	0.69	0.76	5.818	3.718	>6.0
11/25/86	0.41	0.31	0.53	0.69	0.68	0.69	3.051	2.350	>6.0
11/26/86	0.33	0.09	0.53	0.66	0.65	0.67	2.305	2.197	2.414
11/27/86	0.27	0.08	0.48	0.63	0.61	0.65	3.400	2.111	>6.0
11/28/86	-0.11	-0.69	0.16	0.63	0.61	0.67	>6.0	2.317	>6.0
11/29/86	-0.28	-0.73	-0.09	0.71	0.67	0.73	3.243	2.166	4.212
11/30/86	-0.40	-0.52	-0.26	0.70	0.68	0.73	4.208	3.026	>6.0
12/01/86	-0.63	-0.70	-0.39	0.67	0.66	0.68	>6.0	5.258	>6.0
12/02/86	-0.47	-0.67	-0.20	0.65	0.65	0.67	>6.0	2.327	>6.0
12/03/86	-0.38	-1.52	0.11	0.72	0.67	0.75	3.114	2.697	3.647
12/04/86	-1.57	-1.70	-1.40	0.73	0.72	0.75	3.181	2.624	5.565
12/05/86	-1.68	-1.69	-1.67	0.75	0.73	0.77	4.112	2.912	>6.0
12/06/86	-1.69	-1.70	-1.68	0.69	0.67	0.73	>6.0	5.840	>6.0
12/07/86	-1.70	-1.71	-1.68	0.69	0.68	0.70	>6.0	2.402	>6.0
12/08/86	-1.69	-1.70	-1.67	0.71	0.70	0.71	>6.0	5.490	>6.0
12/09/86	-1.70	-1.72	-1.67	0.65	0.62	0.70	>6.0	4.994	>6.0
12/10/86	-1.71	-1.73	-1.69	0.63	0.62	0.63	>6.0	4.811	>6.0
12/11/86	-1.65	-1.71	-1.50	0.61	0.59	0.63	>6.0	>6.0	>6.0
12/12/86	-1.65	-1.70	-1.49	0.74	0.59	0.96	>6.0	>6.0	>6.0
12/13/86	-1.71	-1.73	-1.68	0.95	0.86	1.01	>6.0	>6.0	>6.0
12/14/86	-1.70	-1.72	-1.69	0.88	0.85	0.90	>6.0	2.335	>6.0
12/15/86	-1.70	-1.70	-1.68	0.79	0.72	0.88	2.501	2.291	3.206
12/16/86	-1.70	-1.71	-1.69	0.60	0.51	0.71	2.695	1.929	>6.0
12/17/86	-1.65	-1.68	-1.61	0.64	0.52	0.72	2.316	1.883	4.713
12/18/86	-1.59	-1.66	-1.52	0.60	0.48	0.71	>6.0	1.814	>6.0
12/19/86	-1.58	-1.68	-1.49	0.45	0.44	0.48	3.235	1.464	>6.0
12/20/86	-1.58	-1.68	-1.49	0.44	0.44	0.46	>6.0	>6.0	>6.0
12/21/86	-1.66	-1.67	-1.65	0.61	0.46	0.72	>6.0	>6.0	>6.0
12/22/86	-1.64	-1.67	-1.58	0.58	0.44	0.72	>6.0	>6.0	>6.0
12/23/86	-1.51	-1.58	-1.49	0.44	0.43	0.45	>6.0	>6.0	>6.0
12/24/86	-1.50	-1.51	-1.48	0.49	0.45	0.53	>6.0	>6.0	>6.0
12/25/86	-1.54	-1.58	-1.51	0.49	0.44	0.53	>6.0	5.116	>6.0
12/26/86	-1.65	-1.68	-1.57	0.41	0.39	0.44	>6.0	>6.0	>6.0
12/27/86	-1.65	-1.66	-1.64	0.54	0.43	0.61	>6.0	>6.0	>6.0
12/28/86	-1.66	-1.71	-1.64	0.54	0.49	0.61	>6.0	1.940	>6.0

MOORING=16B
 LATITUDE=65-09.3'N
 LONGITUDE=168-28.0'W

DAILY STATISTICS
 INST DEPTH=42M
 SONIC DEPTH=49M

BEGINNING: 09/24/86
 ENDING: 05/26/87

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
12/29/86	-1.66	-1.68	-1.64	0.56	0.50	0.63	2.728	1.752	4.602
12/30/86	-1.67	-1.70	-1.64	0.59	0.49	0.64	2.991	1.867	5.292
12/31/86	-1.69	-1.70	-1.68	0.55	0.48	0.68	1.951	1.784	2.056
01/01/87	-1.69	-1.70	-1.67	0.64	0.57	0.69	>6.0	1.956	>6.0
01/02/87	-1.67	-1.68	-1.65	0.60	0.57	0.62	2.087	2.062	2.129
01/03/87	-1.68	-1.69	-1.67	0.57	0.55	0.61	2.108	1.967	2.206
01/04/87	-1.69	-1.70	-1.68	0.56	0.54	0.57	2.026	1.770	2.237
01/05/87	-1.70	-1.71	-1.68	0.50	0.50	0.53	>6.0	1.861	>6.0
01/06/87	-1.71	-1.72	-1.69	0.48	0.45	0.50	3.933	1.693	>6.0
01/07/87	-1.71	-1.72	-1.71	0.48	0.45	0.54	>6.0	1.790	>6.0
01/08/87	-1.72	-1.73	-1.71	0.59	0.55	0.61	>6.0	5.826	>6.0
01/09/87	-1.72	-1.73	-1.71	0.57	0.50	0.61	>6.0	1.637	>6.0
01/10/87	-1.71	-1.72	-1.70	0.45	0.43	0.50	>6.0	1.817	>6.0
01/11/87	-1.71	-1.72	-1.70	0.63	0.50	0.69	4.798	2.084	>6.0
01/12/87	-1.71	-1.72	-1.70	0.49	0.41	0.64	>6.0	1.986	>6.0
01/13/87	-1.72	-1.72	-1.71	0.42	0.41	0.43	>6.0	>6.0	>6.0
01/14/87	-1.73	-1.74	-1.72	0.41	0.41	0.42	>6.0	>6.0	>6.0
01/15/87	-1.73	-1.74	-1.72	0.42	0.42	0.43	>6.0	>6.0	>6.0
01/16/87	-1.73	-1.74	-1.72	0.44	0.43	0.44	>6.0	>6.0	>6.0
01/17/87	-1.72	-1.73	-1.71	0.43	0.42	0.44	>6.0	2.453	>6.0
01/18/87	-1.70	-1.71	-1.70	0.48	0.45	0.49	>6.0	2.649	>6.0
01/19/87	-1.71	-1.71	-1.70	0.52	0.49	0.60	4.511	2.400	>6.0
01/20/87	-1.71	-1.72	-1.69	0.72	0.60	0.77	>6.0	2.439	>6.0
01/21/87	-1.72	-1.74	-1.71	0.59	0.49	0.74	>6.0	2.622	>6.0
01/22/87	-1.72	-1.73	-1.71	0.53	0.49	0.56	>6.0	>6.0	>6.0
01/23/87	-1.73	-1.74	-1.71	0.47	0.41	0.54	>6.0	2.606	>6.0
01/24/87	-1.73	-1.75	-1.72	0.40	0.39	0.41	>6.0	2.181	>6.0
01/25/87	-1.73	-1.74	-1.72	0.39	0.37	0.43	>6.0	2.400	>6.0
01/26/87	-1.73	-1.74	-1.72	0.54	0.44	0.58	2.636	2.509	2.737
01/27/87	-1.73	-1.74	-1.73	0.42	0.34	0.55	>6.0	2.740	>6.0
01/28/87	-1.73	-1.74	-1.72	0.37	0.34	0.40	>6.0	>6.0	>6.0
01/29/87	-1.74	-1.74	-1.73	0.39	0.39	0.40	5.579	2.915	>6.0
01/30/87	-1.73	-1.74	-1.73	0.41	0.40	0.42	4.556	2.575	>6.0
01/31/87	-1.74	-1.75	-1.73	0.38	0.36	0.41	2.757	2.565	3.586
02/01/87	-1.74	-1.75	-1.73	0.42	0.37	0.50	2.979	2.723	4.463
02/02/87	-1.74	-1.75	-1.73	0.51	0.49	0.52	3.101	2.941	3.232
02/03/87	-1.73	-1.74	-1.72	0.49	0.48	0.50	3.870	3.190	>6.0
02/04/87	-1.74	-1.75	-1.72	0.41	0.37	0.47	3.476	2.648	>6.0
02/05/87	-1.74	-1.75	-1.73	0.41	0.37	0.48	3.048	2.867	3.210
02/06/87	-1.73	-1.74	-1.72	0.48	0.42	0.51	3.266	3.215	3.360
02/07/87	-1.73	-1.74	-1.72	0.37	0.36	0.41	3.363	3.240	4.150
02/08/87	-1.73	-1.74	-1.73	0.38	0.36	0.39	>6.0	3.383	>6.0
02/09/87	-1.74	-1.74	-1.73	0.35	0.35	0.37	>6.0	>6.0	>6.0
02/10/87	-1.74	-1.75	-1.74	0.38	0.37	0.39	>6.0	3.353	>6.0
02/11/87	-1.74	-1.75	-1.74	0.39	0.38	0.39	>6.0	3.505	>6.0
02/12/87	-1.74	-1.75	-1.73	0.41	0.40	0.43	>6.0	>6.0	>6.0
02/13/87	-1.73	-1.74	-1.73	0.47	0.43	0.55	>6.0	>6.0	>6.0
02/14/87	-1.73	-1.74	-1.73	0.64	0.55	0.69	>6.0	>6.0	>6.0

MOORING=16B
 LATITUDE=65-09.3'N
 LONGITUDE=168-28.0'W

DAILY STATISTICS
 INST DEPTH=42M
 SONIC DEPTH=49M

BEGINNING: 09/24/86
 ENDING: 05/26/87

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
02/15/87	-1.74	-1.74	-1.74	0.46	0.36	0.63	>6.0	>6.0	>6.0
02/16/87	-1.74	-1.75	-1.74	0.38	0.36	0.40	>6.0	>6.0	>6.0
02/17/87	-1.74	-1.75	-1.73	0.40	0.39	0.41	>6.0	>6.0	>6.0
02/18/87	-1.73	-1.74	-1.73	0.45	0.41	0.52	>6.0	>6.0	>6.0
02/19/87	-1.73	-1.74	-1.72	0.57	0.52	0.59	>6.0	>6.0	>6.0
02/20/87	-1.74	-1.75	-1.74	0.64	0.59	0.70	>6.0	5.026	>6.0
02/21/87	-1.74	-1.75	-1.74	0.81	0.70	0.96	>6.0	>6.0	>6.0
02/22/87	-1.75	-1.76	-1.74	1.01	0.97	1.03	>6.0	>6.0	>6.0
02/23/87	-1.75	-1.76	-1.74	1.10	0.99	1.22	>6.0	>6.0	>6.0
02/24/87	-1.75	-1.76	-1.74	1.15	1.02	1.23	>6.0	5.553	>6.0
02/25/87	-1.75	-1.76	-1.74	1.02	1.00	1.07	>6.0	>6.0	>6.0
02/26/87	-1.76	-1.76	-1.75	1.04	0.99	1.07	>6.0	>6.0	>6.0
02/27/87	-1.75	-1.77	-1.75	1.03	0.99	1.10	>6.0	>6.0	>6.0
02/28/87	-1.75	-1.76	-1.75	1.16	1.11	1.19	>6.0	>6.0	>6.0
03/01/87	-1.75	-1.76	-1.75	1.12	0.90	1.19	>6.0	>6.0	>6.0
03/02/87	-1.75	-1.75	-1.74	0.48	0.27	0.88	>6.0	3.860	>6.0
03/03/87	-1.74	-1.74	-1.73	0.37	0.28	0.41	4.396	4.030	4.824
03/04/87	-1.73	-1.74	-1.73	0.22	0.18	0.33	5.084	4.849	5.261
03/05/87	-1.74	-1.75	-1.73	0.25	0.20	0.30	4.441	3.870	5.150
03/06/87	-1.74	-1.75	-1.74	0.35	0.31	0.37	4.928	4.471	5.269
03/07/87	-1.74	-1.75	-1.74	0.33	0.28	0.37	5.378	4.959	>6.0
03/08/87	-1.74	-1.75	-1.74	0.32	0.28	0.38	5.635	5.349	5.905
03/09/87	-1.74	-1.75	-1.73	0.42	0.38	0.45	5.812	5.666	5.918
03/10/87	-1.74	-1.75	-1.72	0.45	0.43	0.45	4.818	3.555	5.393
03/11/87	-1.73	-1.75	-1.72	0.39	0.37	0.43	3.867	3.367	4.378
03/12/87	-1.73	-1.73	-1.72	0.46	0.40	0.50	4.545	4.398	4.611
03/13/87	-1.73	-1.74	-1.72	0.42	0.39	0.49	4.576	4.494	5.049
03/14/87	-1.74	-1.74	-1.73	0.42	0.39	0.44	4.972	4.622	5.226
03/15/87	-1.74	-1.74	-1.73	0.45	0.44	0.46	5.386	5.264	5.498
03/16/87	-1.74	-1.74	-1.73	0.46	0.46	0.48	5.581	5.453	5.787
03/17/87	-1.74	-1.74	-1.73	0.53	0.48	0.55	>6.0	5.793	>6.0
03/18/87	-1.74	-1.74	-1.73	0.52	0.51	0.54	>6.0	>6.0	>6.0
03/19/87	-1.74	-1.75	-1.74	0.52	0.51	0.53	>6.0	>6.0	>6.0
03/20/87	-1.74	-1.75	-1.74	0.52	0.49	0.53	>6.0	>6.0	>6.0
03/21/87	-1.75	-1.77	-1.73	0.49	0.48	0.51	>6.0	3.350	>6.0
03/22/87	-1.76	-1.78	-1.75	0.48	0.44	0.51	3.344	2.838	3.683
03/23/87	-1.75	-1.76	-1.74	0.43	0.42	0.44	3.986	3.672	4.325
03/24/87	-1.75	-1.76	-1.74	0.46	0.44	0.48	4.582	4.346	5.899
03/25/87	-1.75	-1.77	-1.74	0.48	0.48	0.49	4.935	4.399	>6.0
03/26/87	-1.75	-1.76	-1.75	0.48	0.47	0.49	4.468	4.355	4.567
03/27/87	-1.76	-1.76	-1.75	0.46	0.46	0.48	4.494	4.107	4.738
03/28/87	-1.76	-1.77	-1.75	0.59	0.48	0.69	3.195	3.001	3.763
03/29/87	-1.75	-1.76	-1.75	0.60	0.51	0.69	3.907	3.229	4.564
03/30/87	-1.75	-1.75	-1.74	0.56	0.51	0.60	4.693	4.525	4.841
03/31/87	-1.75	-1.75	-1.74	0.60	0.59	0.61	5.240	4.872	5.419
04/01/87	-1.74	-1.75	-1.74	0.58	0.53	0.61	5.156	4.877	5.467
04/02/87	-1.74	-1.75	-1.74	0.51	0.49	0.52	4.953	4.366	5.635
04/03/87	-1.75	-1.75	-1.74	0.47	0.46	0.50	4.929	4.493	5.294

MOORING=16B
 LATITUDE=65-09.3'N
 LONGITUDE=168-28.0'W

DAILY STATISTICS
 INST DEPTH=42M
 SONIC DEPTH=49M

BEGINNING: 09/24/86
 ENDING: 05/26/87

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
04/04/87	-1.74	-1.75	-1.74	0.60	0.50	0.65	5.384	5.216	5.582
04/05/87	-1.75	-1.76	-1.74	0.62	0.57	0.64	5.861	5.588	>6.0
04/06/87	-1.76	-1.77	-1.75	0.57	0.55	0.61	>6.0	>6.0	>6.0
04/07/87	-1.76	-1.77	-1.76	0.62	0.53	0.66	>6.0	>6.0	>6.0
04/08/87	-1.76	-1.77	-1.75	0.50	0.48	0.55	>6.0	>6.0	>6.0
04/09/87	-1.76	-1.77	-1.75	0.58	0.56	0.59	>6.0	5.912	>6.0
04/10/87	-1.75	-1.76	-1.74	0.60	0.58	0.62	5.946	5.767	>6.0
04/11/87	-1.75	-1.76	-1.74	0.63	0.62	0.64	>6.0	5.913	>6.0
04/12/87	-1.75	-1.75	-1.74	0.62	0.57	0.65	>6.0	>6.0	>6.0
04/13/87	-1.75	-1.76	-1.74	0.59	0.56	0.64	>6.0	>6.0	>6.0
04/14/87	-1.76	-1.76	-1.75	0.58	0.45	0.65	>6.0	>6.0	>6.0
04/15/87	-1.76	-1.77	-1.76	0.53	0.43	0.70	>6.0	>6.0	>6.0
04/16/87	-1.77	-1.77	-1.76	0.64	0.49	0.72	>6.0	>6.0	>6.0
04/17/87	-1.77	-1.77	-1.77	0.45	0.43	0.49	>6.0	>6.0	>6.0
04/18/87	-1.77	-1.77	-1.77	0.41	0.39	0.44	>6.0	>6.0	>6.0
04/19/87	-1.76	-1.77	-1.76	0.36	0.35	0.39	>6.0	>6.0	>6.0
04/20/87	-1.76	-1.77	-1.75	0.37	0.36	0.38	>6.0	>6.0	>6.0
04/21/87	-1.75	-1.77	-1.73	0.41	0.37	0.42	>6.0	>6.0	>6.0
04/22/87	-1.76	-1.77	-1.76	0.28	0.25	0.36	>6.0	>6.0	>6.0
04/23/87	-1.75	-1.77	-1.73	0.39	0.31	0.42	>6.0	>6.0	>6.0
04/24/87	-1.75	-1.76	-1.74	0.33	0.32	0.37	>6.0	>6.0	>6.0
04/25/87	-1.74	-1.75	-1.73	0.35	0.32	0.36	>6.0	>6.0	>6.0
04/26/87	-1.75	-1.75	-1.74	0.31	0.30	0.34	>6.0	>6.0	>6.0
04/27/87	-1.75	-1.76	-1.74	0.37	0.34	0.38	>6.0	>6.0	>6.0
04/28/87	-1.75	-1.75	-1.74	0.34	0.32	0.36	>6.0	>6.0	>6.0
04/29/87	-1.74	-1.75	-1.73	0.31	0.30	0.32	>6.0	>6.0	>6.0
04/30/87	-1.74	-1.75	-1.73	0.32	0.31	0.35	>6.0	>6.0	>6.0
05/01/87	-1.74	-1.75	-1.73	0.35	0.35	0.35	>6.0	>6.0	>6.0
05/02/87	-1.74	-1.75	-1.72	0.33	0.30	0.35	>6.0	5.727	>6.0
05/03/87	-1.76	-1.77	-1.75	0.32	0.29	0.36	5.979	5.692	>6.0
05/04/87	-1.75	-1.77	-1.73	0.41	0.37	0.45	5.316	4.673	>6.0
05/05/87	-1.74	-1.75	-1.72	0.46	0.45	0.47	5.178	4.687	5.661
05/06/87	-1.72	-1.75	-1.68	0.57	0.48	0.63	>6.0	3.661	>6.0
05/07/87	-1.74	-1.76	-1.73	0.55	0.50	0.63	4.455	2.773	>6.0
05/08/87	-1.74	-1.75	-1.72	0.54	0.50	0.57	>6.0	3.019	>6.0
05/09/87	-1.76	-1.77	-1.74	0.56	0.55	0.57	>6.0	2.953	>6.0
05/10/87	-1.75	-1.77	-1.74	0.48	0.43	0.54	3.555	3.039	4.132
05/11/87	-1.75	-1.75	-1.74	0.47	0.43	0.50	4.527	4.102	>6.0
05/12/87	-1.74	-1.75	-1.73	0.44	0.39	0.49	5.164	4.901	>6.0
05/13/87	-1.72	-1.73	-1.71	0.41	0.39	0.42	5.238	4.823	5.509
05/14/87	-1.70	-1.72	-1.67	0.46	0.42	0.55	5.348	5.043	5.621
05/15/87	-1.60	-1.67	-1.53	0.64	0.56	0.66	4.818	3.738	>6.0
05/16/87	-1.52	-1.57	-1.46	0.55	0.49	0.63	3.942	3.370	5.201
05/17/87	-1.62	-1.64	-1.53	0.49	0.48	0.50	4.476	4.238	4.671
05/18/87	-1.59	-1.63	-1.45	0.60	0.50	0.76	4.818	4.534	5.080
05/19/87	-1.31	-1.49	-1.24	0.83	0.77	0.87	4.611	4.361	4.878
05/20/87	-1.23	-1.32	-1.13	1.52	0.85	2.51	4.592	4.329	4.887
05/21/87	-1.13	-1.23	-0.94	3.45	2.57	4.11	5.317	4.833	5.662

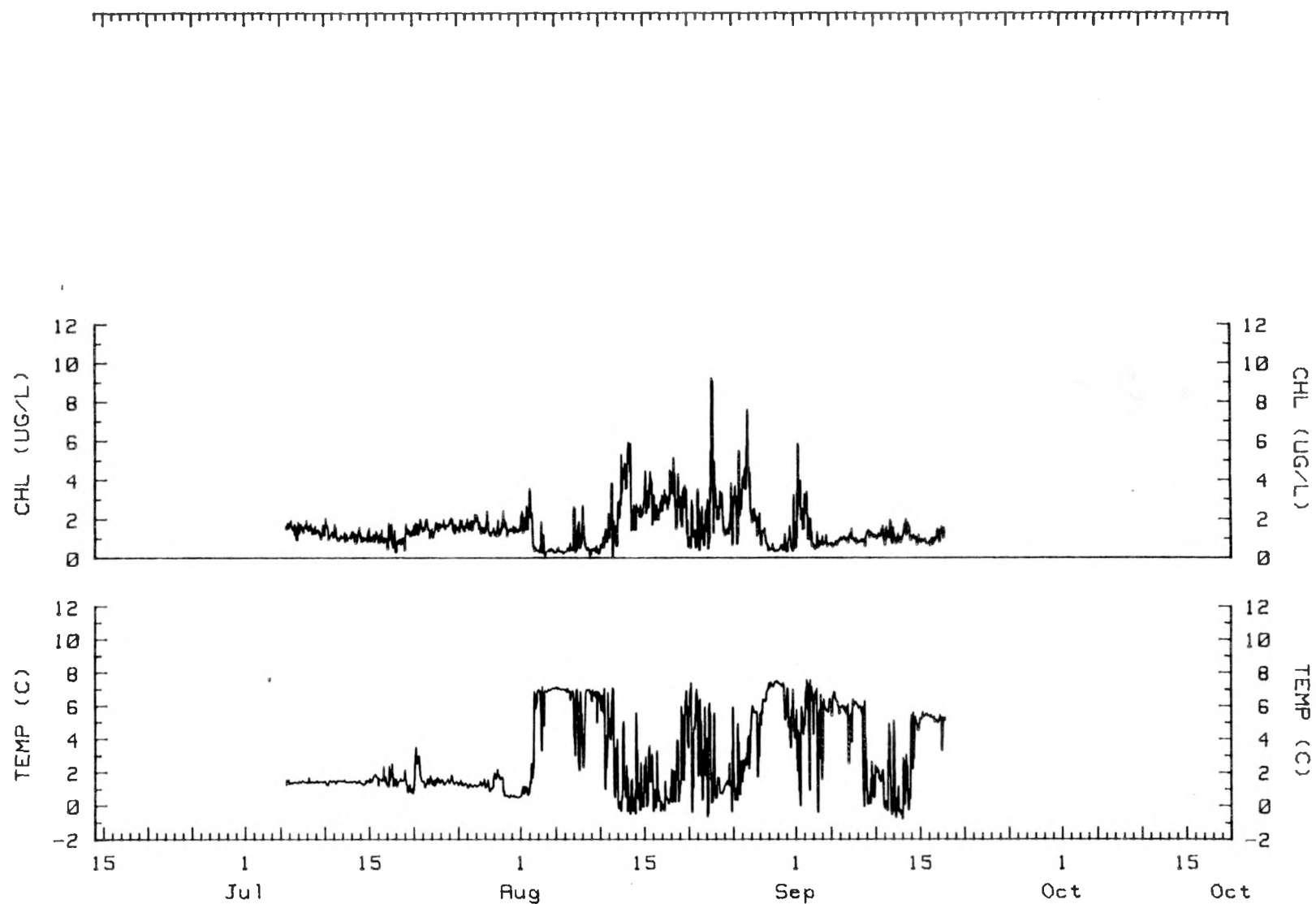
MOORING=16B
LATITUDE=65-09.3'N
LONGITUDE=168-28.0'W

DAILY STATISTICS
INST DEPTH=42M
SONIC DEPTH=49M

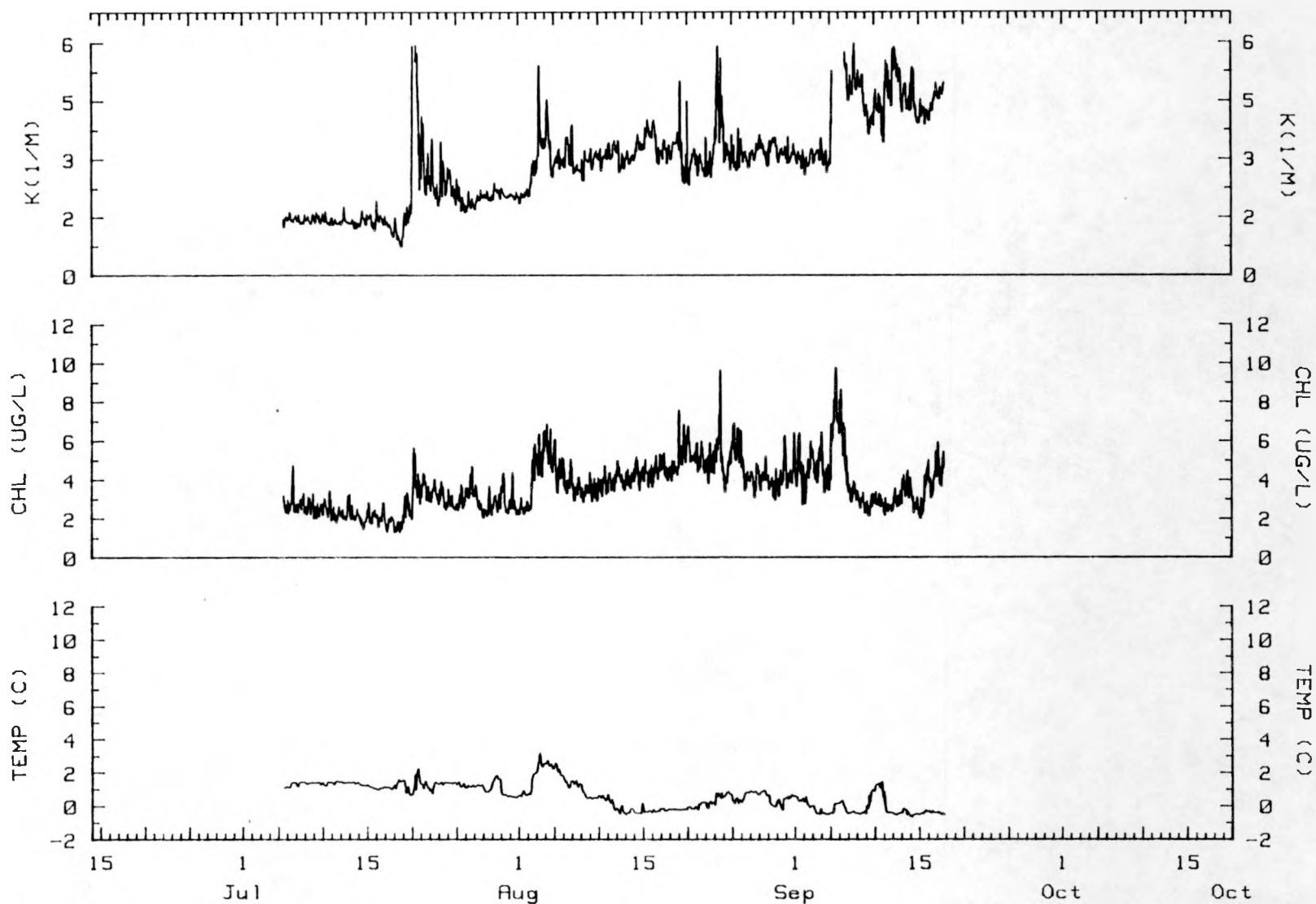
BEGINNING: 09/24/86
ENDING: 05/26/87

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
05/22/87	-1.11	-1.24	-0.99	4.70	4.14	5.12	5.291	4.851	>6.0
05/23/87	-1.29	-1.41	-1.08	5.33	5.13	5.75	>6.0	4.980	>6.0
05/24/87	-1.07	-1.33	-0.77	-	-	-	>6.0	5.620	>6.0
05/25/87	-0.72	-1.11	-0.47	-	-	-	>6.0	>6.0	>6.0
05/26/87	-0.69	-0.71	-0.68	-	-	-	>6.0	>6.0	>6.0

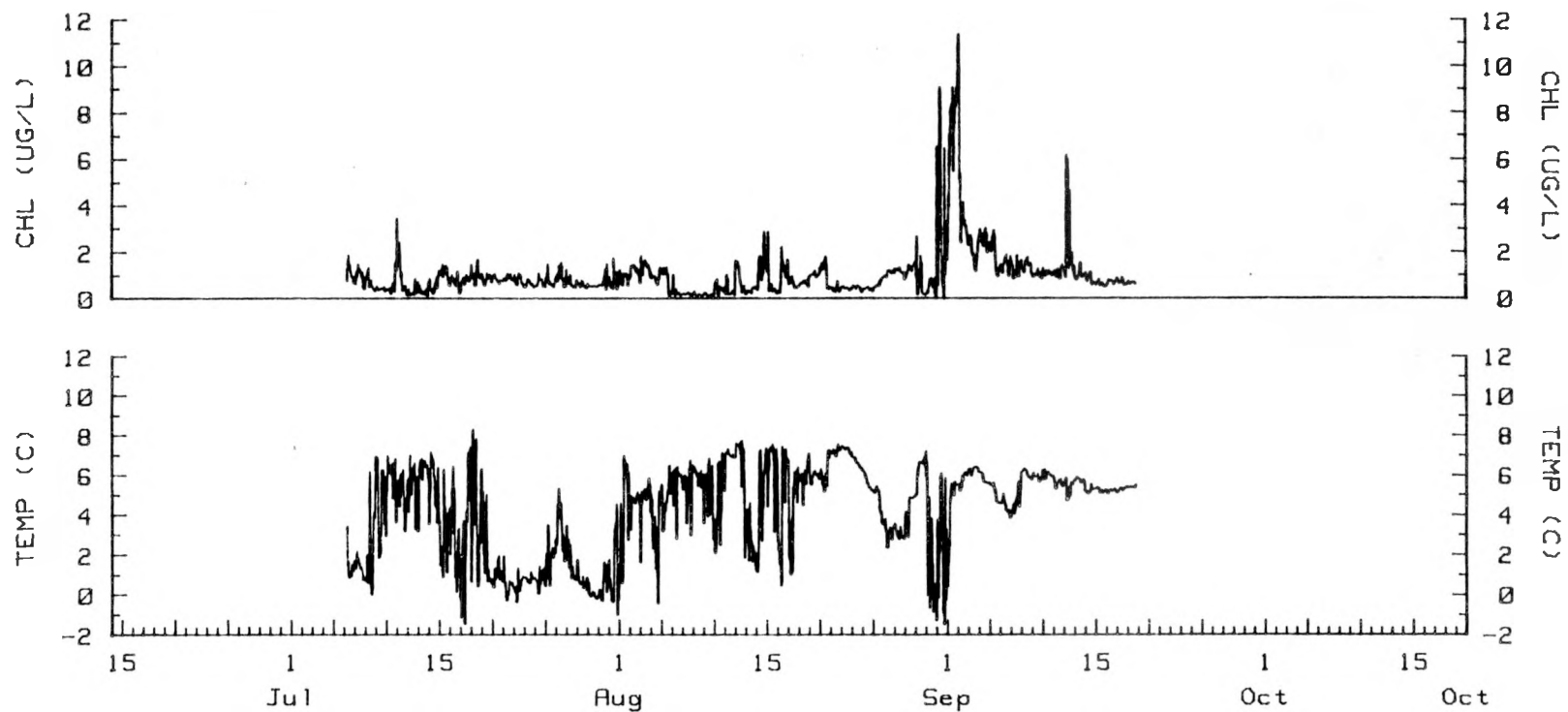
ISHTAR 1986 moorings:
Time series plots of chlorophyll a, temperature, and beam attenuation



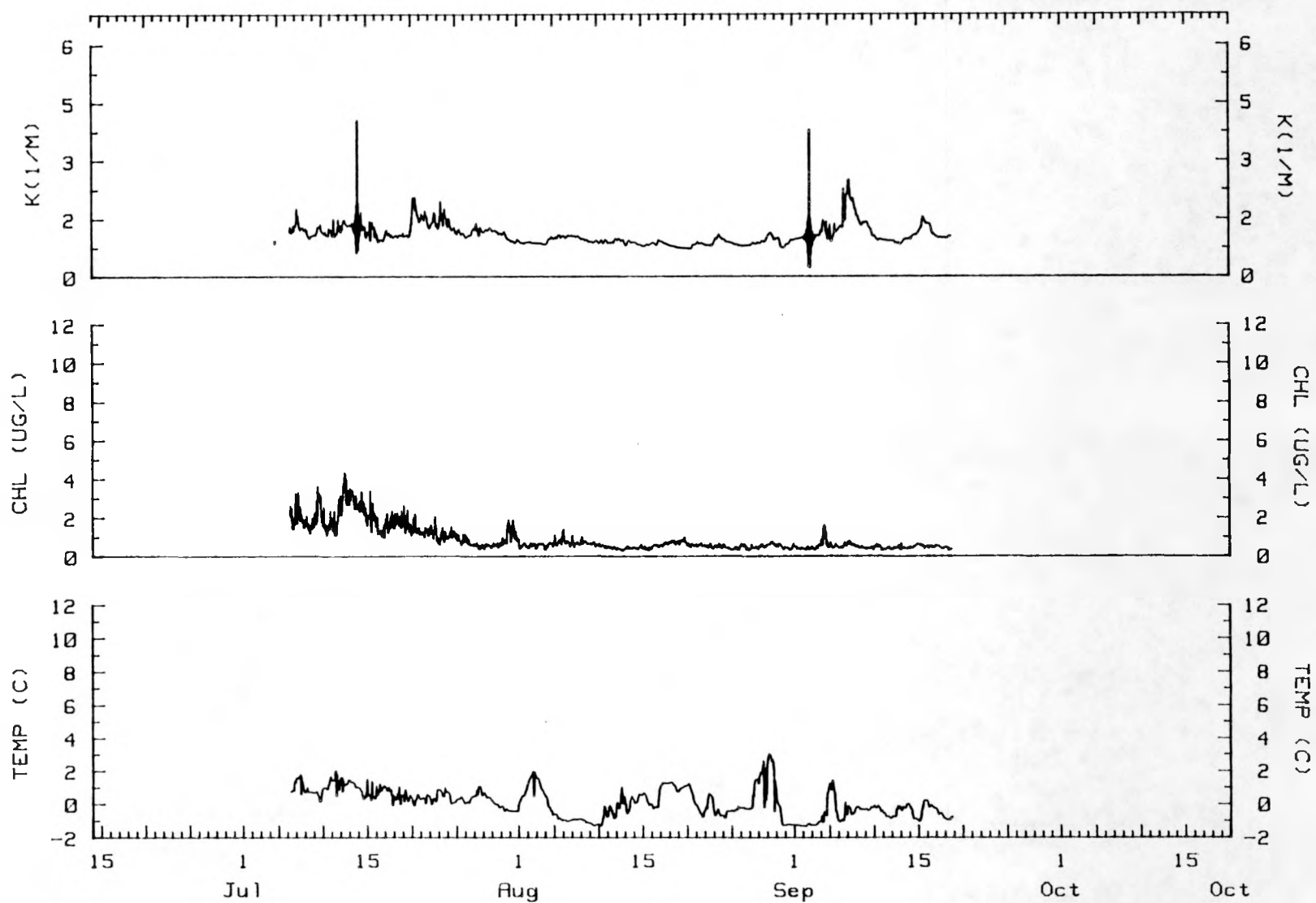
ISHTAR 1986, MOORING: 03B, LAT:62-50.0'N, LON:168-39.9'W
SONIC DEPTH: 42M, INST DEPTH: 17M, FILTER: 2HLP



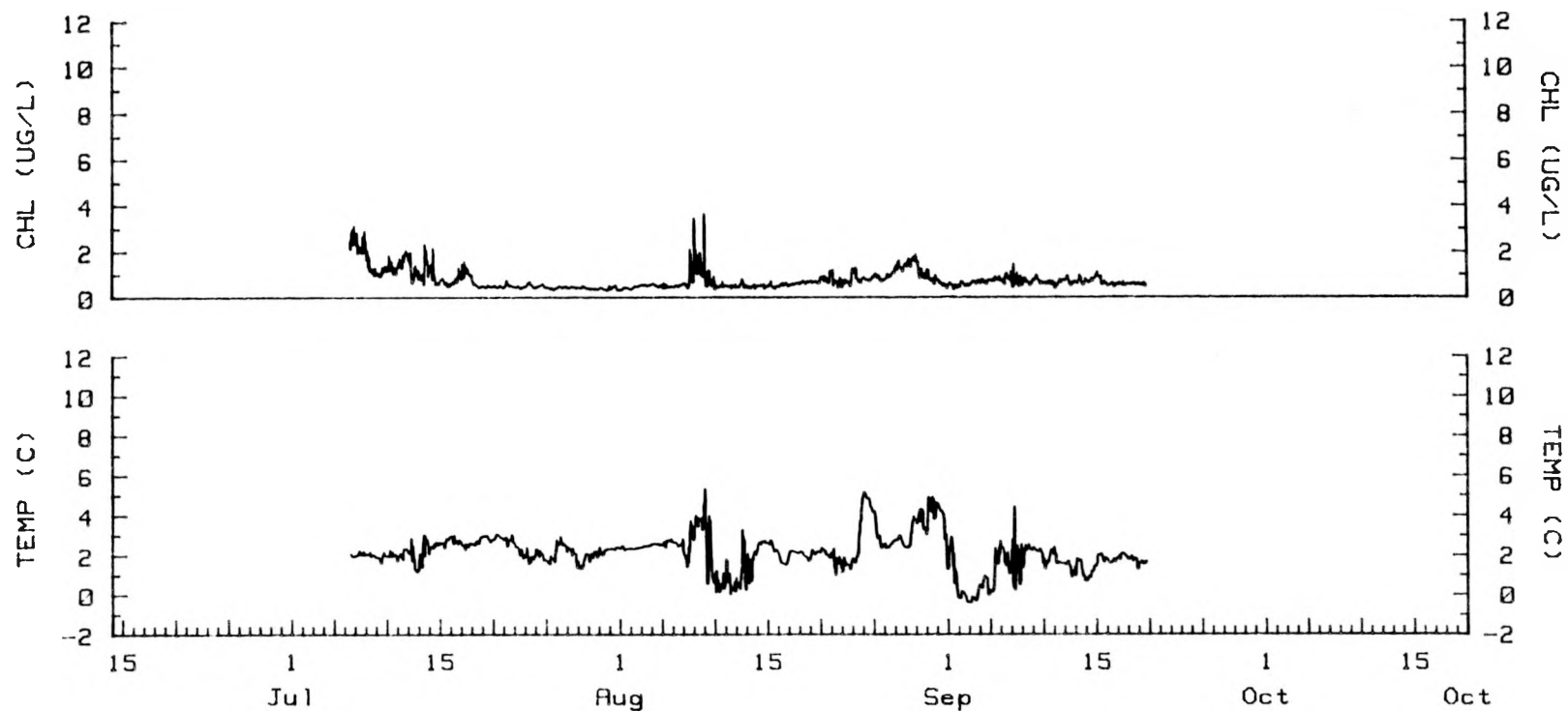
ISHTAR 1986, MOORING: 03B, LAT: 62-50.0'N, LON: 168-39.9'W
SONIC DEPTH: 42M, INST DEPTH: 35M, FILTER: 2HLP



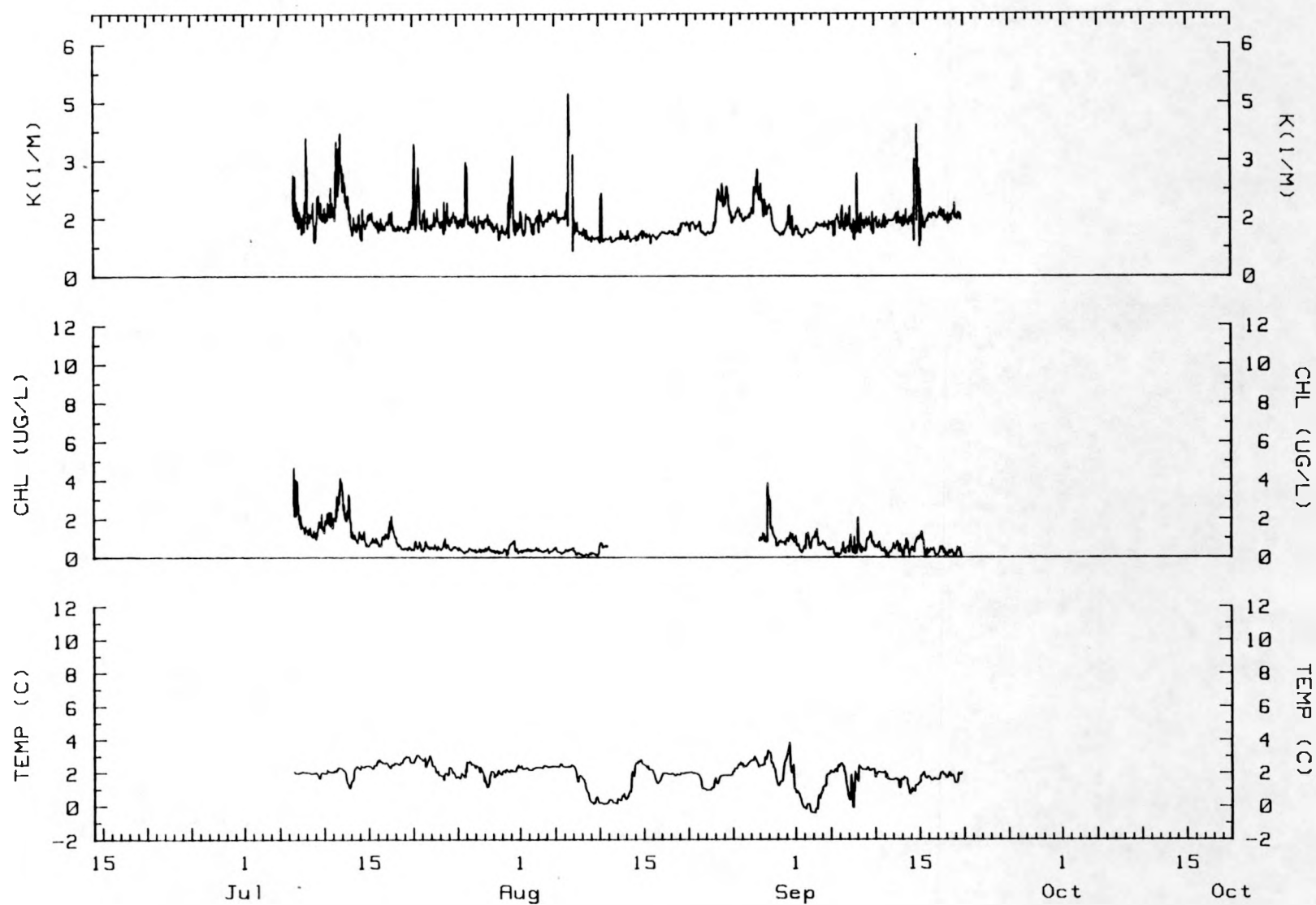
ISHTAR 1986, MOORING: 07B, LAT:64-00.0'N, LON:172-10.0'W
SONIC DEPTH: 55M, INST DEPTH: 17M, FILTER: 2HLP



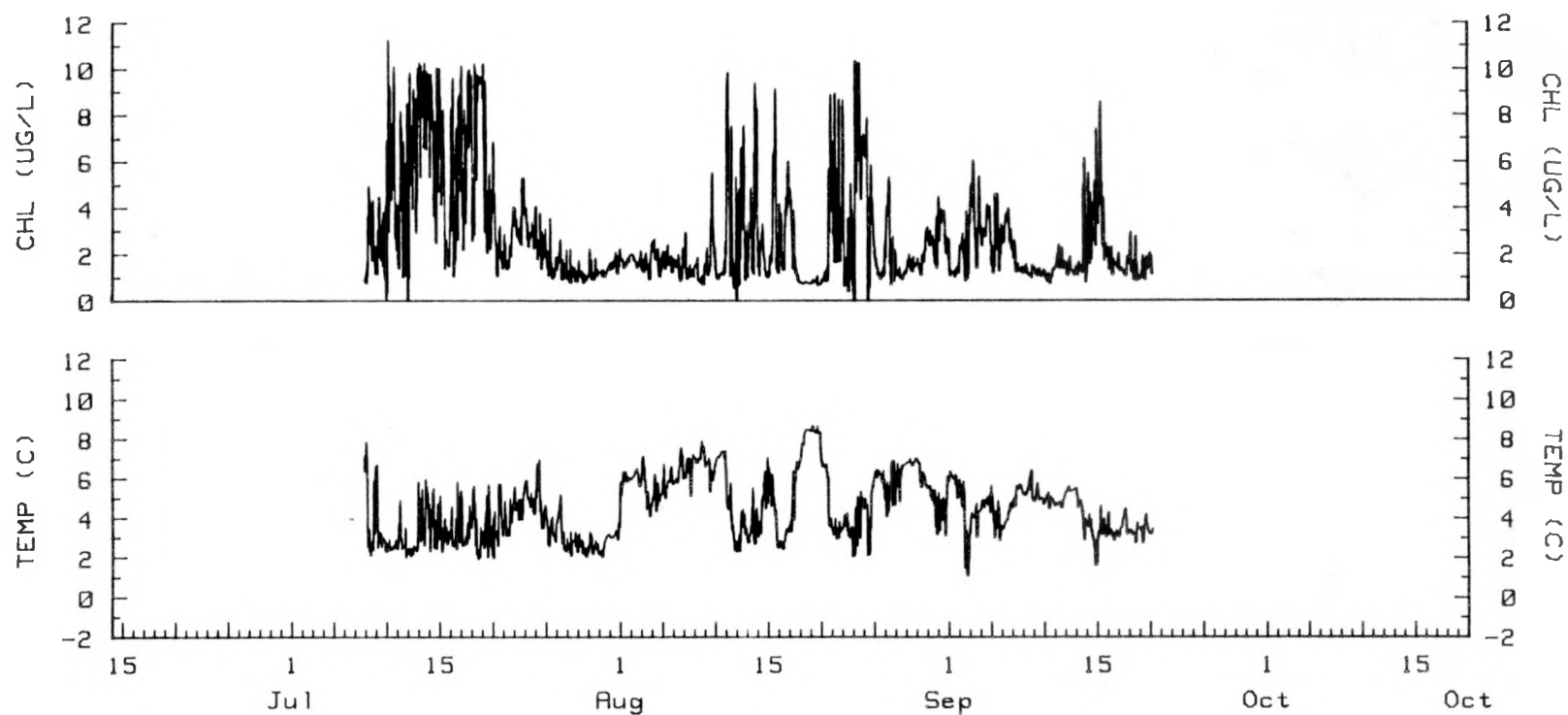
ISHTAR 1986, MOORING: 07B, LAT:64-00.0'N, LON:172-10.0'W
SONIC DEPTH: 55M, INST DEPTH: 47M, FILTER: 2HLP



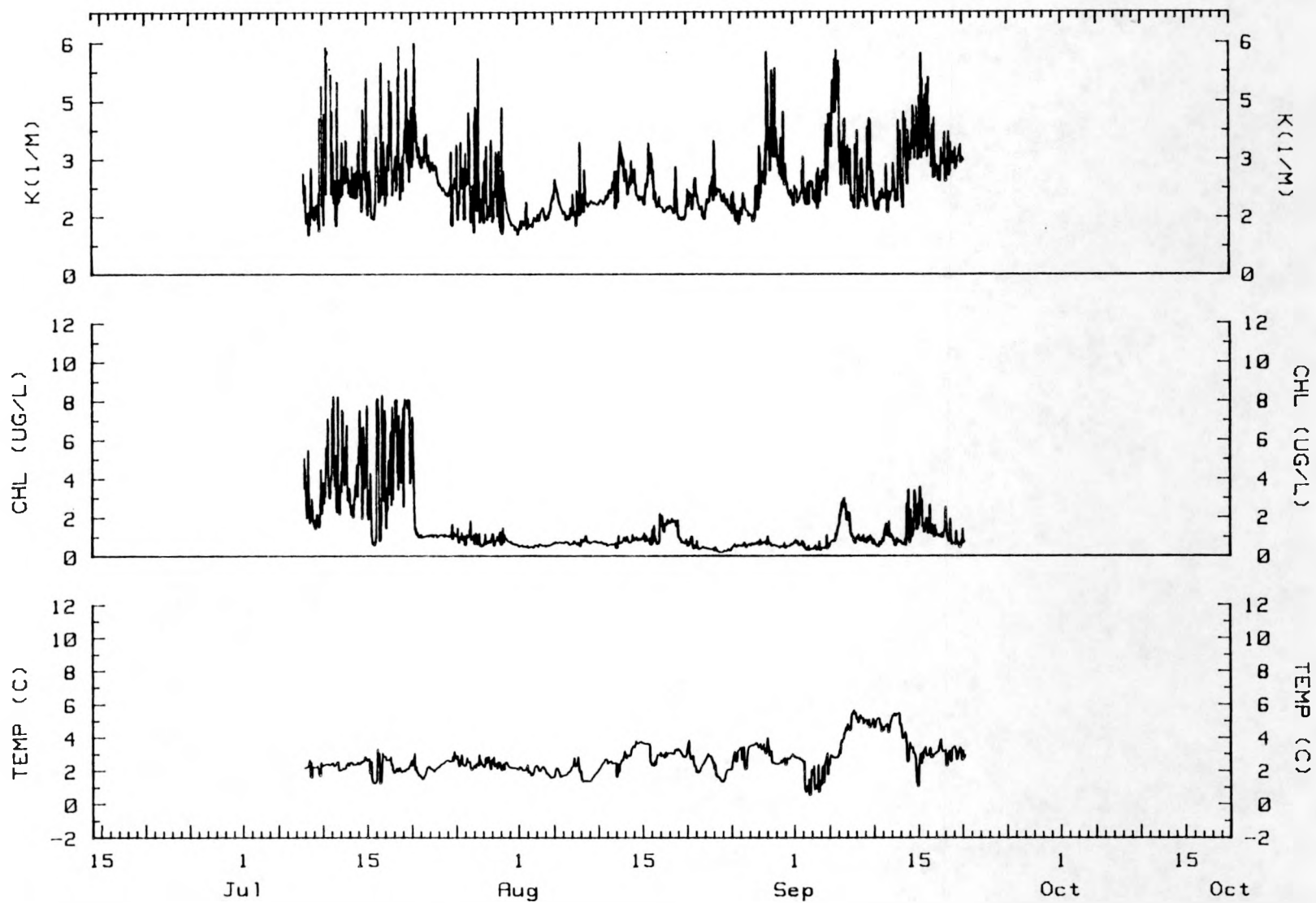
ISHTAR 1986, MOORING: 08B, LAT: 64-38.0'N, LON: 170-54.2'W
SONIC DEPTH: 46M, INST DEPTH: 16M, FILTER: 2HLP



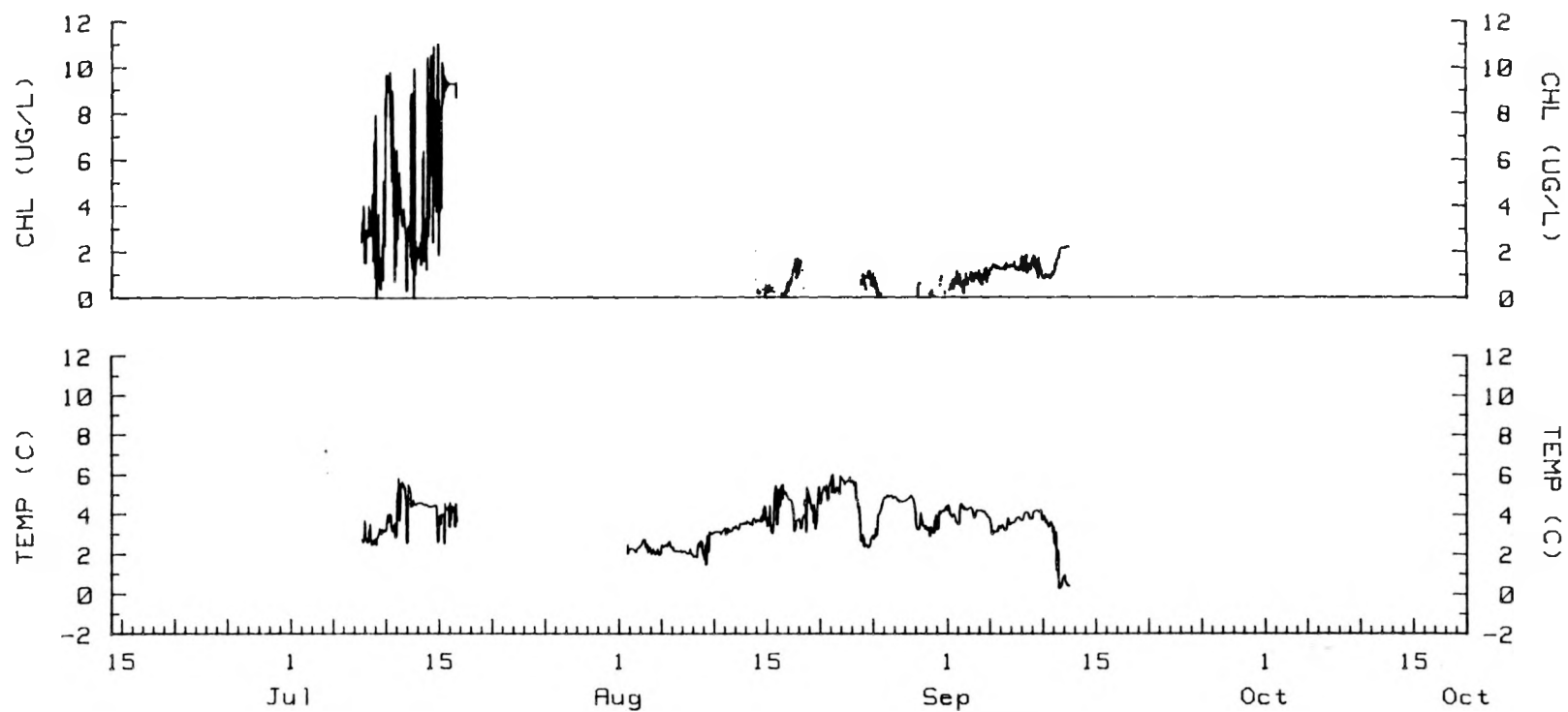
ISHTAR 1986, MOORING: 08B, LAT: 64-38.0'N, LON: 170-54.2'W
SONIC DEPTH: 46M, INST DEPTH: 39M, FILTER: 2HLP



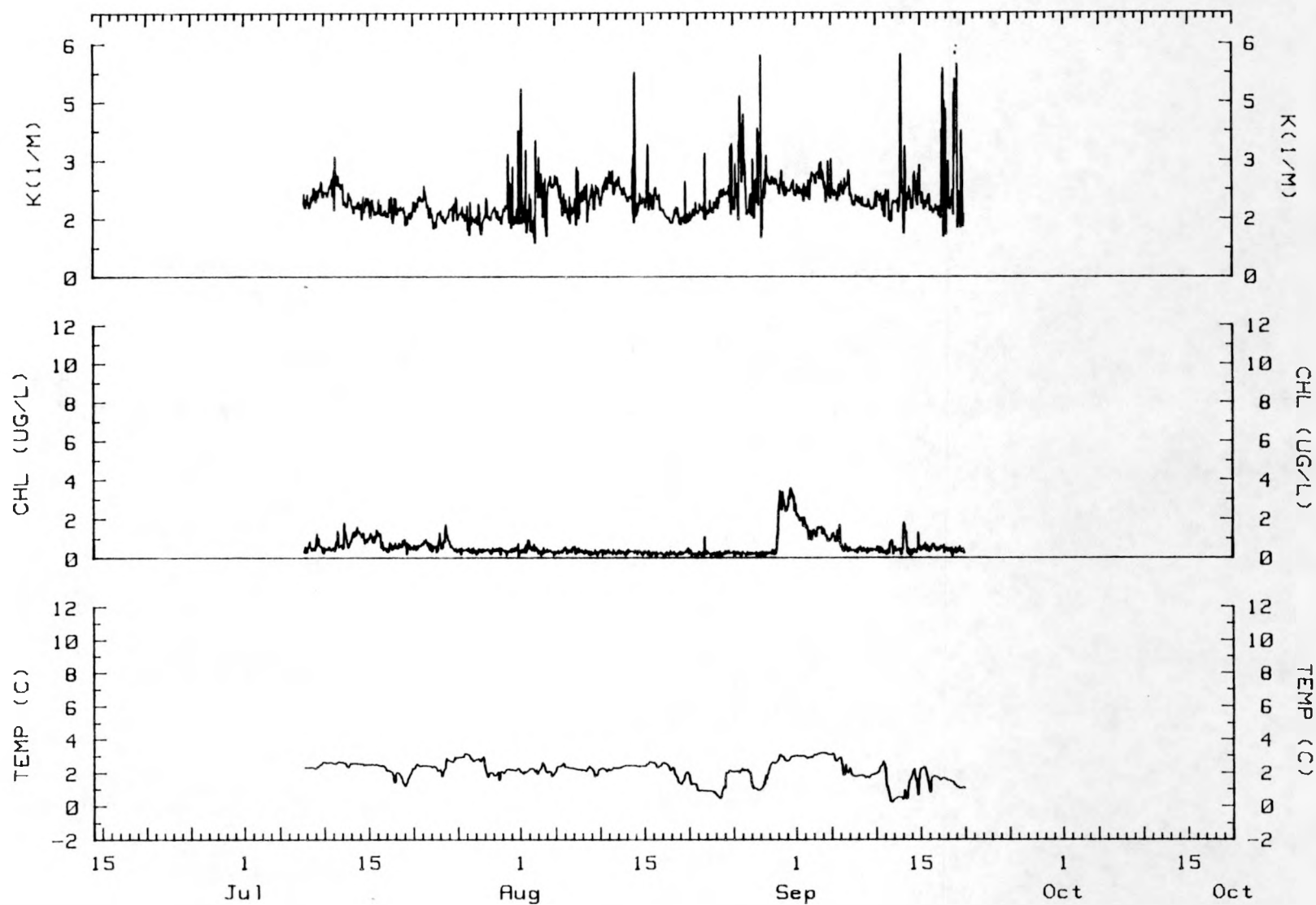
ISHTAR 1986, MOORING: 10B, LAT: 65-36.0'N, LON: 168-54.0'W
SONIC DEPTH: 51M, INST DEPTH: 15M, FILTER: 2HLP



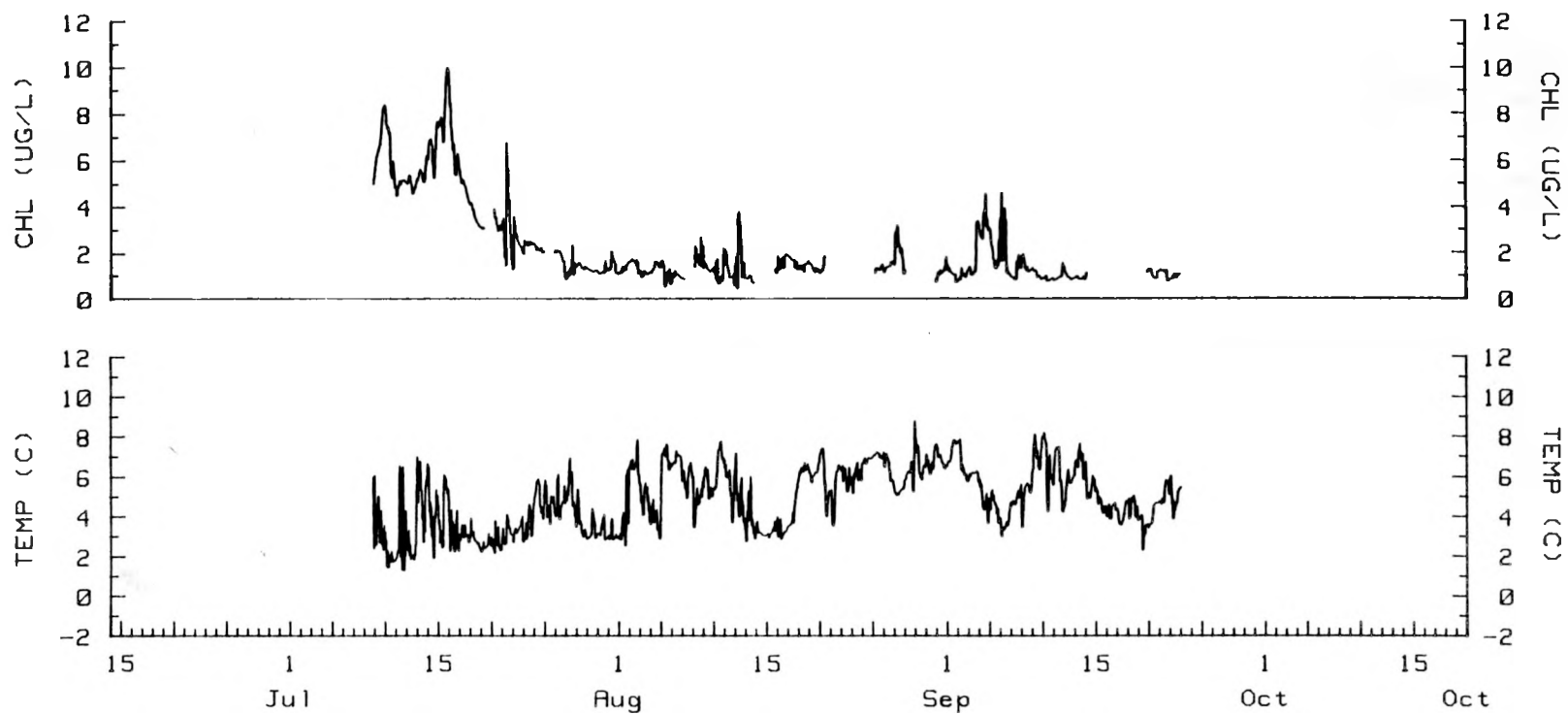
ISHTAR 1986, MOORING: 10B, LAT: 65-36.0'N, LON: 168-54.0'W
SONIC DEPTH: 51M, INST DEPTH: 44M, FILTER: 2HLP



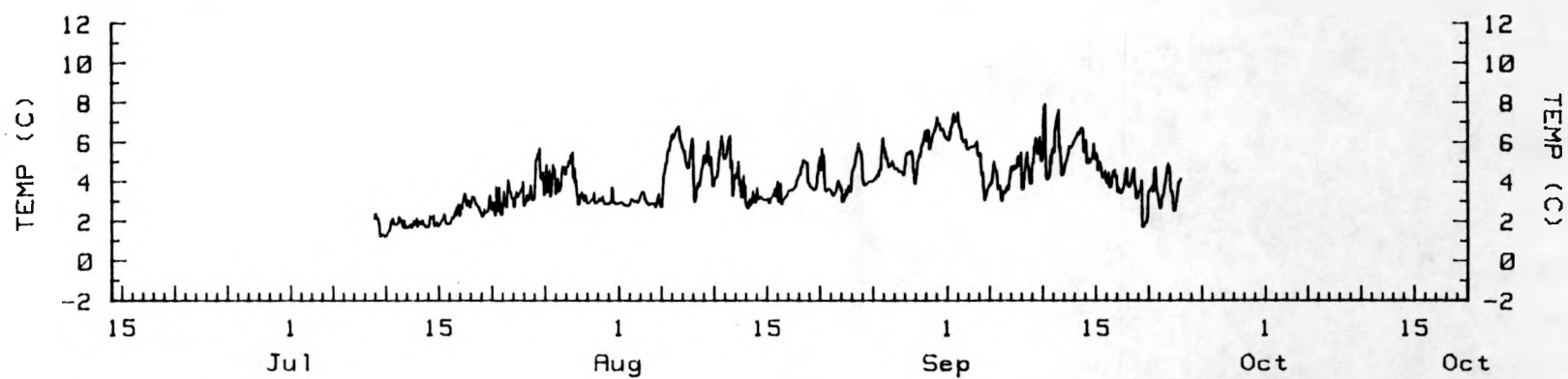
ISHTAR 1986, MOORING: 13A, LAT: 65-09.0'N, LON: 169-41.1'W
SONIC DEPTH: 47M, INST DEPTH: 15M, FILTER: 2HLP



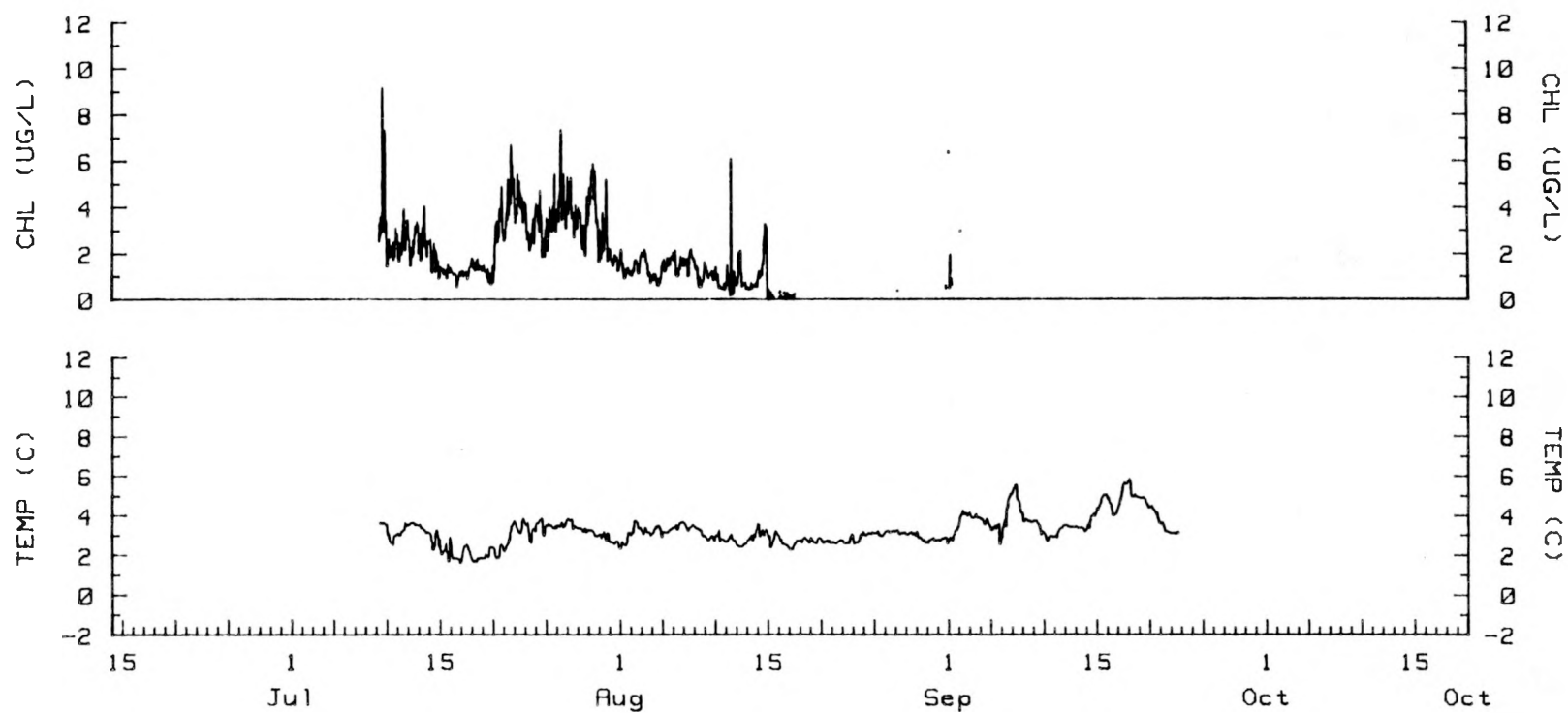
ISHTAR 1986, MOORING: 13A, LAT: 65-09.0'N, LON: 169-41.1'W
SONIC DEPTH: 47M, INST DEPTH: 40M, FILTER: 2HLP



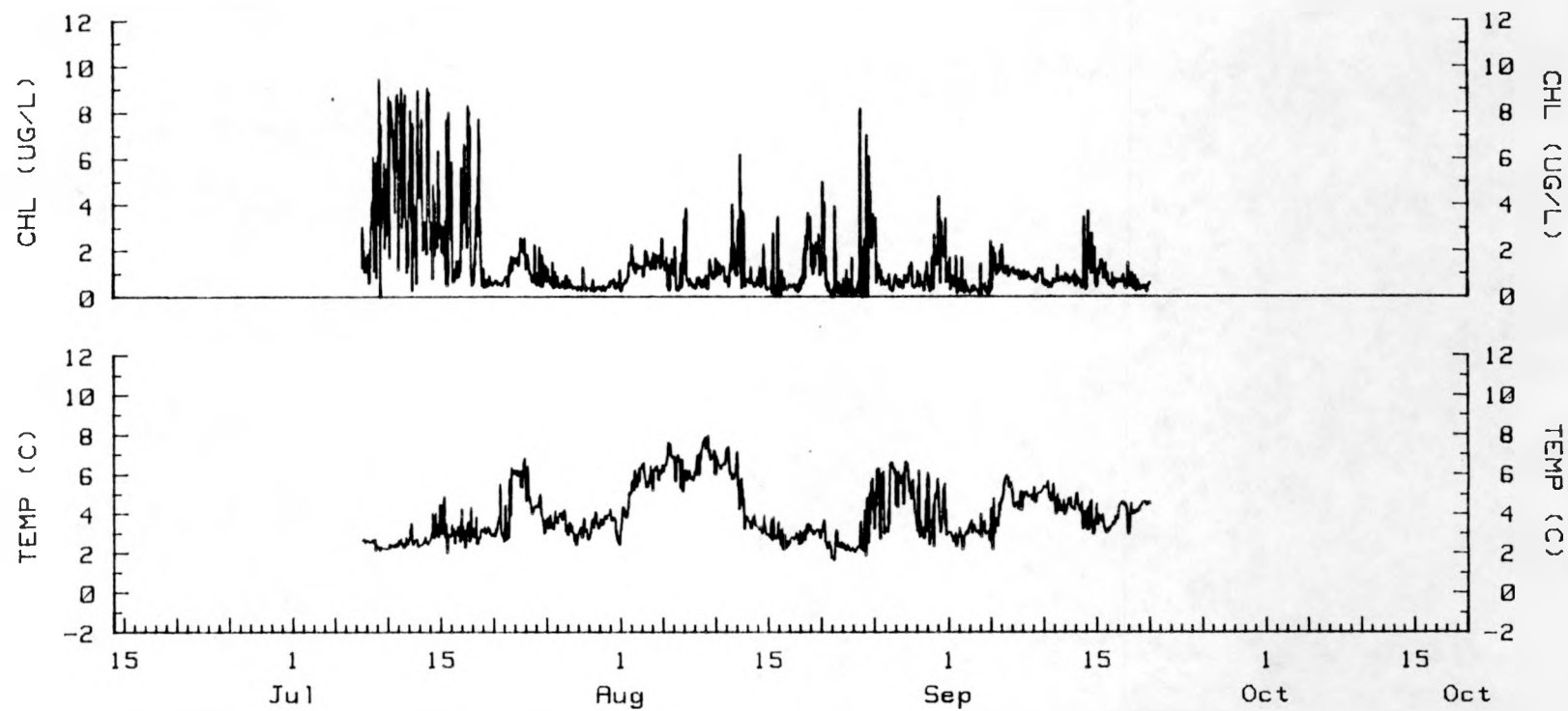
ISHTAR 1986, MOORING: 14A, LAT:66-45.0'N, LON:168-55.0'W
SONIC DEPTH: 43M, INST DEPTH: 17M, FILTER: 2HLP



ISHTAR 1986, MOORING: 14A, LAT:66-45.0'N, LON:168-55.0'W
SONIC DEPTH: 43M, INST DEPTH: 36M, FILTER: 2HLP

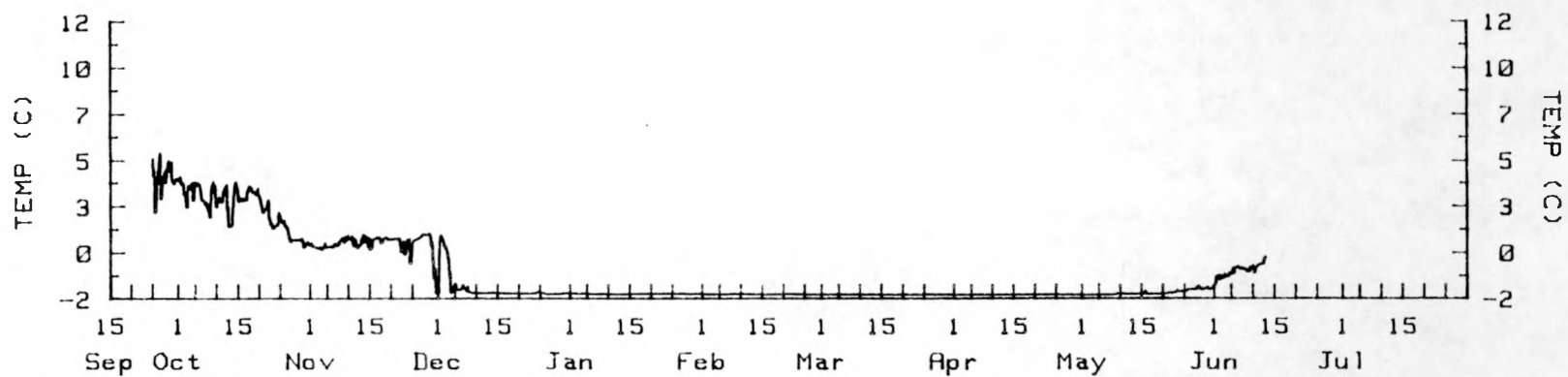
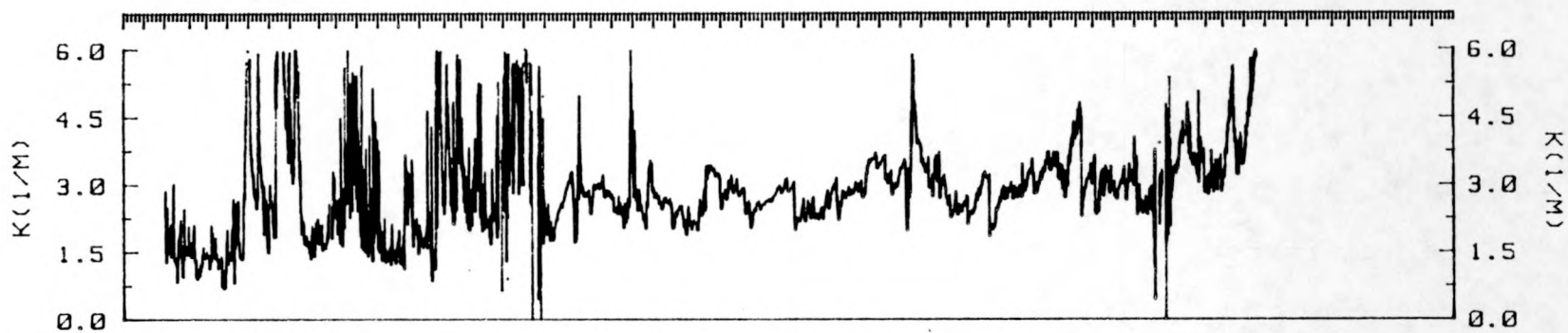


ISHTAR 1986, MOORING: 15A, LAT:67-36.9'N, LON:167-51.9'W
SONIC DEPTH: 48M, INST DEPTH: 40M, FILTER: 2HLP



ISHTAR 1986, MOORING: 16A, LAT: 65-09.0'N, LON: 168-29.0'W
SONIC DEPTH: 49M, INST DEPTH: 23M, FILTER: 2HLP

ISHTAR 1986-87 moorings:
Time series plots of chlorophyll a, temperature, and beam attenuation



ISHTAR 1986-1987, MOORING: 14B LAT:66-44.8'N, LON:168-54.7'W
 SONIC DEPTH: 42M, INST DEPTH: 35M, FILTER: 2HLP

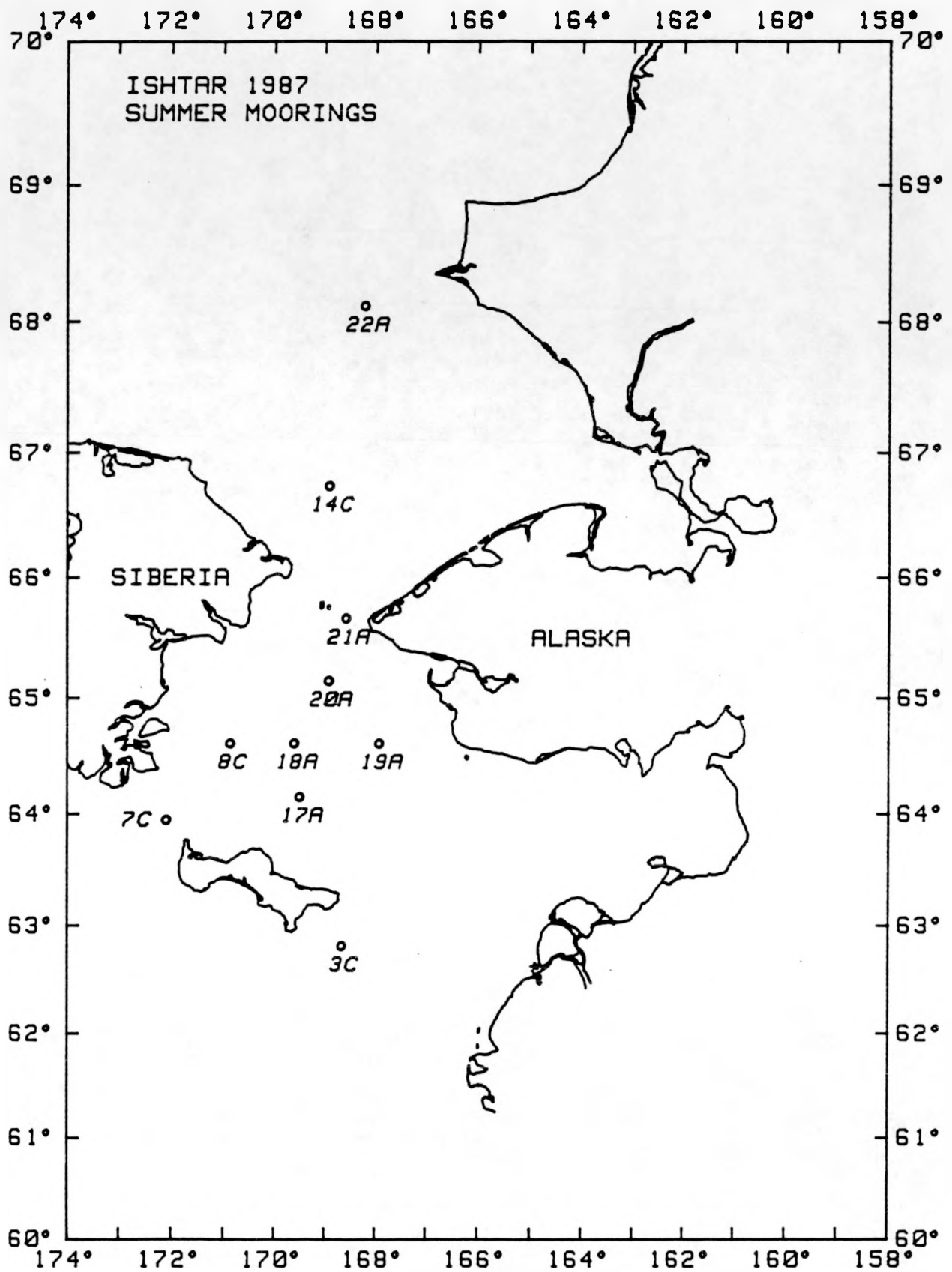


Figure 4. ISHTAR 1987 mooring locations.

Table 7. Locations of the 1987 summer ISHTAR moorings.

1987 MOORING SUMMARY

Mooring ID	Latitude °N	Longitude °W	Sounding (m)	Deployed mm/dd/yy	Recovered mm/dd/yy
ISH-03C	62° 48.9'	68° 39.7'	42.8	07/10/87	10/18/87
ISH-07C	63° 57.1'	172° 06.4'	53.0	07/08/87	10/19/87
ISH-08C	64° 37.0'	170° 52.2'	45.0	07/08/87	10/20/87
ISH-14C	66° 44.4'	168° 54.6'	42.0	07/13/87	10/26/87
ISH-17A	64° 09.0'	169° 29.7'	35.0	07/08/87	10/18/87
ISH-18A	64° 34.1'	169° 36.2'	44.5	07/09/87	10/19/87
ISH-19A	64° 36.9'	167° 55.8'	34.0	07/09/87	10/20/87
ISH-20A	65° 08.9'	168° 55.5'	54.0	07/12/87	10/20/87
ISH-21A	65° 40.1'	168° 34.8'	52.0	07/13/87	10/25/87
ISH-22A	68° 07.2'	168° 13.1'	53.0	07/15/87	10/26/87

Table 8. Performance of moored fluorometer sensors during the 1987 summer deployment.

1987 SENSOR PERFORMANCE

Mooring ID	Sounding (m)	Sensor	Depth (m)	Start mm/dd/yy	Stop mm/dd/yy
ISH-3C	43	FL	15	07/10/87	10/17/87
		T	15	07/10/87	10/17/87
ISH-7C	53	FL	15	07/08/87	10/19/87
		T	15	07/08/87	10/19/87
		FL	49	07/08/87	10/19/87
		T	49	07/08/87	10/19/87
ISH-8C	45	L	14	07/08/87	10/19/87
		FL	16	Failed at launch	
		T	16	07/08/87	10/19/87
		FL	38	07/08/87	10/19/87
		T	38	07/08/87	10/19/87
		TR	38	07/08/87	10/19/87
ISH-18A	44	FL	19	07/09/87	10/19/87
		T	19	07/09/87	10/19/87
		FL	40	07/09/87	10/19/87
		T	40	07/09/87	10/19/87
		TR	40	07/09/87	10/19/87
ISH-19A	34	L	12	Failed at launch	
		FL	14	07/09/87	10/20/87
		T	14	07/09/87	10/20/87
		FL	30	07/09/87	Gaps
		T	30	07/09/87	Gspd
		TR	30	07/09/87	Gaps

FL-Fluorescence; L-Light; T-Temperature; TR-Light Transmission

Table 9. Daily statistics for the 1987 fluorometer sensors.

MOORING=03C
 LATITUDE=62-48.9'N
 LONGITUDE=168-39.7'W

DAILY STATISTICS
 INST DEPTH=15M
 SONIC DEPTH=43M

BEGINNING: 07/10/87
 ENDING: 10/17/87

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
07/10/87	1.89	1.20	3.27	0.87	0.66	1.18	-	-	-
07/11/87	0.66	-0.70	5.48	3.31	0.52	6.22	-	-	-
07/12/87	-0.29	-0.64	2.81	3.43	2.10	5.02	-	-	-
07/13/87	-0.43	-0.60	0.17	3.13	2.04	4.97	-	-	-
07/14/87	-0.13	-0.51	1.14	2.67	1.77	4.11	-	-	-
07/15/87	0.05	-0.22	1.01	2.50	1.36	3.94	-	-	-
07/16/87	0.15	-0.18	1.08	2.92	1.90	4.38	-	-	-
07/17/87	0.73	-0.02	2.68	3.27	1.85	6.81	-	-	-
07/18/87	0.72	0.02	4.29	3.08	1.28	6.48	-	-	-
07/19/87	1.70	-0.30	5.18	2.59	0.60	7.38	-	-	-
07/20/87	1.93	-0.23	5.83	1.71	0.00	4.95	-	-	-
07/21/87	1.54	-0.42	4.26	1.27	0.30	3.37	-	-	-
07/22/87	3.76	-0.09	6.88	0.94	0.25	2.71	-	-	-
07/23/87	5.36	0.40	7.05	0.64	0.13	1.06	-	-	-
07/24/87	2.59	-0.15	6.18	0.78	0.22	2.20	-	-	-
07/25/87	2.19	0.37	5.24	1.27	0.02	4.26	-	-	-
07/26/87	4.15	1.48	6.48	0.49	0.18	0.93	-	-	-
07/27/87	3.10	1.20	6.67	0.70	0.14	1.84	-	-	-
07/28/87	3.46	0.84	7.80	0.79	0.17	2.54	-	-	-
07/29/87	3.08	-0.74	6.22	0.56	0.20	1.69	-	-	-
07/30/87	-0.19	-0.74	2.12	1.76	0.44	3.13	-	-	-
07/31/87	0.68	-0.53	3.52	3.77	1.45	6.72	-	-	-
08/01/87	1.42	0.00	4.53	2.47	0.48	6.49	-	-	-
08/02/87	2.52	-0.41	4.98	1.23	0.47	3.23	-	-	-
08/03/87	3.54	-0.73	8.09	1.31	0.39	3.29	-	-	-
08/04/87	1.09	-0.85	6.43	1.64	0.53	3.19	-	-	-
08/05/87	1.05	-0.50	5.54	1.12	0.39	3.53	-	-	-
08/06/87	0.59	-0.69	6.68	1.39	0.27	2.64	-	-	-
08/07/87	3.81	-0.25	9.17	0.77	0.07	2.20	-	-	-
08/08/87	7.11	0.24	9.23	0.57	0.23	1.64	-	-	-
08/09/87	6.12	2.04	9.22	0.46	0.24	1.02	-	-	-
08/10/87	8.19	5.07	9.59	0.39	0.16	0.56	-	-	-
08/11/87	6.12	1.49	9.56	0.58	0.26	1.18	-	-	-
08/12/87	2.55	-0.04	9.37	0.60	0.17	1.31	-	-	-
08/13/87	2.22	-0.30	8.05	0.85	0.28	1.92	-	-	-
08/14/87	3.17	0.50	9.03	0.66	0.22	1.18	-	-	-
08/15/87	2.95	0.60	7.17	0.66	0.22	1.23	-	-	-
08/16/87	5.17	0.20	9.62	0.53	0.10	0.76	-	-	-
08/17/87	1.57	0.33	4.03	0.86	0.16	1.92	-	-	-
08/18/87	0.52	-0.40	1.53	1.49	0.51	2.65	-	-	-
08/19/87	0.23	-0.32	1.63	2.90	1.42	5.21	-	-	-
08/20/87	0.13	-0.20	0.89	1.98	0.97	4.92	-	-	-
08/21/87	0.12	-0.40	2.32	2.04	0.81	5.55	-	-	-
08/22/87	0.12	-0.31	1.47	1.31	0.47	6.43	-	-	-
08/23/87	0.57	0.01	3.28	0.94	0.61	1.43	-	-	-
08/24/87	0.01	-0.27	0.87	2.12	0.74	3.23	-	-	-
08/25/87	-0.11	-0.29	0.45	2.58	1.50	4.41	-	-	-
08/26/87	0.50	-0.08	1.96	1.53	0.43	4.82	-	-	-

MOORING=03C
 LATITUDE=62-48.9'N
 LONGITUDE=168-39.7'W

DAILY STATISTICS
 INST DEPTH=15M
 SONIC DEPTH=43M

BEGINNING: 07/10/87
 ENDING: 10/17/87

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
08/27/87	0.96	0.14	2.87	0.98	0.19	1.91	-	-	-
08/28/87	0.84	-0.22	4.15	1.04	0.22	2.47	-	-	-
08/29/87	0.00	-0.44	1.24	1.45	0.73	2.09	-	-	-
08/30/87	0.53	-0.37	2.20	1.19	0.07	2.74	-	-	-
08/31/87	0.95	-0.43	2.55	1.86	0.33	4.13	-	-	-
09/01/87	2.52	0.17	7.37	0.95	0.50	1.95	-	-	-
09/02/87	8.42	4.23	9.27	0.98	0.72	1.19	-	-	-
09/03/87	9.82	8.04	10.28	0.68	0.52	1.14	-	-	-
09/04/87	9.35	9.00	9.65	0.59	0.44	0.75	-	-	-
09/05/87	9.16	8.85	9.36	0.70	0.49	0.97	-	-	-
09/06/87	7.15	0.03	9.17	0.80	0.48	1.05	-	-	-
09/07/87	7.65	6.54	8.21	0.67	0.40	0.88	-	-	-
09/08/87	7.98	7.12	8.30	0.60	0.43	0.83	-	-	-
09/09/87	7.90	7.23	8.20	0.48	0.27	0.69	-	-	-
09/10/87	7.52	6.80	8.21	0.50	0.30	0.89	-	-	-
09/11/87	6.90	5.60	7.48	0.49	0.33	0.86	-	-	-
09/12/87	6.66	5.15	7.42	0.39	0.21	0.60	-	-	-
09/13/87	6.79	6.47	7.06	0.36	0.16	0.65	-	-	-
09/14/87	6.92	6.52	7.04	0.33	0.21	0.63	-	-	-
09/15/87	6.69	5.98	7.01	0.39	0.28	0.53	-	-	-
09/16/87	5.67	0.34	6.51	0.74	0.34	1.24	-	-	-
09/17/87	5.36	4.75	5.66	1.12	0.74	1.81	-	-	-
09/18/87	5.03	4.57	5.46	1.23	0.89	1.92	-	-	-
09/19/87	4.95	4.69	5.19	1.16	0.79	1.79	-	-	-
09/20/87	5.11	4.85	5.67	1.13	0.79	1.66	-	-	-
09/21/87	5.00	4.78	5.25	1.06	0.79	1.64	-	-	-
09/22/87	5.24	5.05	5.39	1.09	0.80	1.91	-	-	-
09/23/87	5.10	4.78	5.68	1.03	0.81	1.59	-	-	-
09/24/87	4.83	4.56	5.19	1.03	0.58	1.52	-	-	-
09/25/87	5.21	4.89	5.44	0.85	0.58	1.37	-	-	-
09/26/87	5.01	4.79	5.38	0.94	0.69	1.33	-	-	-
09/27/87	5.08	4.88	5.20	1.00	0.65	1.38	-	-	-
09/28/87	5.08	-0.44	5.84	0.87	0.54	1.29	-	-	-
09/29/87	5.55	4.90	6.07	0.79	0.54	1.22	-	-	-
09/30/87	4.93	4.81	5.22	0.88	0.62	1.48	-	-	-
10/01/87	4.97	4.80	5.10	0.86	0.57	1.31	-	-	-
10/02/87	4.86	4.65	5.08	1.08	0.76	1.55	-	-	-
10/03/87	4.80	4.66	5.04	1.08	0.73	1.49	-	-	-
10/04/87	4.84	4.64	5.15	1.03	0.53	2.02	-	-	-
10/05/87	4.86	4.62	5.01	0.99	0.57	1.72	-	-	-
10/06/87	5.11	4.98	5.33	0.76	0.57	0.96	-	-	-
10/07/87	5.25	4.92	5.54	0.67	0.42	1.00	-	-	-
10/08/87	4.96	4.61	5.27	0.64	0.37	1.10	-	-	-
10/09/87	4.68	4.57	5.08	0.67	0.35	1.47	-	-	-
10/10/87	4.91	4.69	5.06	0.71	0.47	1.02	-	-	-
10/11/87	4.88	4.76	5.11	0.78	0.57	1.05	-	-	-
10/12/87	4.93	4.61	5.07	0.73	0.42	1.00	-	-	-
10/13/87	4.54	3.67	4.96	0.73	0.31	1.31	-	-	-

MOORING=03C

LATITUDE=62-48.9'N

LONGITUDE=168-39.7'W

DAILY STATISTICS

INST DEPTH=15M

SONIC DEPTH=43M

BEGINNING: 07/10/87

ENDING: 10/17/87

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
10/14/87	4.05	3.70	4.39	0.61	0.26	1.21	-	-	-
10/15/87	4.05	3.88	4.40	1.01	0.20	1.67	-	-	-
10/16/87	3.14	-0.51	4.14	1.33	0.46	3.10	-	-	-
10/17/87	2.96	-0.08	3.80	1.54	0.95	2.66	-	-	-

MOORING=07C
 LATITUDE=63-57.1'N
 LONGITUDE=172-06.4'W

DAILY STATISTICS
 INST DEPTH=15M
 SONIC DEPTH=53M

BEGINNING: 07/08/87
 ENDING: 10/19/87

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
07/08/87	2.97	-0.04	4.48	0.36	0.16	0.70	-	-	-
07/09/87	1.73	-0.48	4.97	0.58	0.18	1.83	-	-	-
07/10/87	2.61	-1.24	5.09	1.33	0.46	4.15	-	-	-
07/11/87	3.65	-0.54	4.99	2.20	0.95	5.07	-	-	-
07/12/87	3.33	-0.17	5.06	1.76	0.32	6.43	-	-	-
07/13/87	4.19	0.46	5.43	1.57	0.39	4.93	-	-	-
07/14/87	3.52	0.52	5.46	0.95	0.16	4.71	-	-	-
07/15/87	3.65	1.07	5.19	0.40	0.16	0.68	-	-	-
07/16/87	4.44	2.50	5.31	0.45	0.21	0.95	-	-	-
07/17/87	3.76	2.43	5.58	0.36	0.12	0.84	-	-	-
07/18/87	4.05	2.06	5.36	0.31	0.12	0.65	-	-	-
07/19/87	5.04	2.57	7.24	0.28	0.11	0.51	-	-	-
07/20/87	4.83	2.93	5.82	0.29	0.12	0.61	-	-	-
07/21/87	4.22	0.70	5.88	0.25	0.12	0.34	-	-	-
07/22/87	4.00	1.05	6.35	0.29	0.13	0.61	-	-	-
07/23/87	4.14	0.97	6.13	0.27	0.13	0.45	-	-	-
07/24/87	4.29	0.64	5.95	0.31	0.18	0.46	-	-	-
07/25/87	3.57	0.01	6.93	0.37	0.16	0.69	-	-	-
07/26/87	2.39	0.09	5.63	0.34	0.18	0.52	-	-	-
07/27/87	4.44	1.48	6.36	0.37	0.18	0.69	-	-	-
07/28/87	4.21	1.53	5.41	0.32	0.16	0.42	-	-	-
07/29/87	1.77	-0.07	4.49	0.48	0.13	1.09	-	-	-
07/30/87	2.15	0.27	5.77	0.48	0.17	1.08	-	-	-
07/31/87	2.22	-0.86	7.11	0.68	0.17	2.06	-	-	-
08/01/87	1.64	-0.80	6.95	0.85	0.34	1.62	-	-	-
08/02/87	2.20	-0.09	5.46	1.12	0.36	3.04	-	-	-
08/03/87	2.10	-0.71	4.66	1.57	0.64	4.15	-	-	-
08/04/87	1.39	-0.62	3.95	1.58	0.72	3.99	-	-	-
08/05/87	2.12	-0.88	8.07	2.03	0.68	4.45	-	-	-
08/06/87	6.15	2.27	8.43	1.52	0.83	2.54	-	-	-
08/07/87	5.87	2.61	7.50	1.51	0.75	2.96	-	-	-
08/08/87	5.35	3.28	7.69	1.53	0.76	2.57	-	-	-
08/09/87	3.98	1.60	6.61	1.89	0.49	3.88	-	-	-
08/10/87	2.05	-0.55	6.25	1.14	0.38	2.24	-	-	-
08/11/87	0.04	-1.17	5.15	1.70	0.91	2.67	-	-	-
08/12/87	7.00	0.68	8.94	1.93	0.89	4.84	-	-	-
08/13/87	8.30	4.66	9.77	1.67	1.08	2.34	-	-	-
08/14/87	6.35	0.22	9.23	1.36	0.92	2.07	-	-	-
08/15/87	9.03	6.27	9.79	1.63	0.81	2.39	-	-	-
08/16/87	9.38	8.76	9.92	1.36	1.04	1.73	-	-	-
08/17/87	8.35	2.97	9.74	1.45	1.12	2.01	-	-	-
08/18/87	7.30	2.47	9.74	1.77	1.33	2.56	-	-	-
08/19/87	7.53	2.05	9.60	2.98	1.09	9.14	-	-	-
08/20/87	6.77	0.71	9.19	2.29	0.96	5.23	-	-	-
08/21/87	7.47	2.02	9.82	2.46	0.95	7.51	-	-	-
08/22/87	9.17	6.93	9.89	1.76	1.17	2.52	-	-	-
08/23/87	8.81	4.12	9.79	1.48	1.05	2.23	-	-	-
08/24/87	5.34	0.33	9.63	1.35	0.85	1.74	-	-	-

MOORING=07C
 LATITUDE=63-57.1'N
 LONGITUDE=172-06.4'W

DAILY STATISTICS
 INST DEPTH=15M
 SONIC DEPTH=53M

BEGINNING: 07/08/87
 ENDING: 10/19/87

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
08/25/87	7.00	0.53	9.77	1.48	0.83	2.95	-	-	-
08/26/87	9.76	9.40	10.05	1.47	1.18	1.90	-	-	-
08/27/87	9.40	6.61	10.30	1.26	0.89	1.50	-	-	-
08/28/87	9.39	7.96	9.68	1.99	1.48	2.90	-	-	-
08/29/87	9.76	9.50	10.02	2.62	1.72	3.78	-	-	-
08/30/87	9.62	7.71	9.94	1.99	1.29	4.61	-	-	-
08/31/87	9.74	9.45	9.95	1.30	1.10	1.65	-	-	-
09/01/87	9.10	7.70	9.68	1.24	1.12	1.46	-	-	-
09/02/87	8.61	3.82	9.58	1.29	1.12	1.56	-	-	-
09/03/87	7.35	3.95	9.07	1.18	1.00	1.41	-	-	-
09/04/87	7.54	7.42	7.72	1.27	1.13	1.50	-	-	-
09/05/87	7.87	7.32	8.57	2.37	1.42	7.73	-	-	-
09/06/87	7.58	6.30	8.54	3.17	2.10	4.93	-	-	-
09/07/87	6.23	5.77	6.65	2.87	2.09	3.26	-	-	-
09/08/87	4.51	2.35	5.93	2.93	2.22	5.08	-	-	-
09/09/87	4.38	0.95	6.12	3.29	2.07	4.84	-	-	-
09/10/87	5.29	1.25	8.38	3.97	2.00	6.58	-	-	-
09/11/87	6.67	6.03	7.13	4.66	3.63	9.09	-	-	-
09/12/87	7.06	6.88	7.32	3.94	1.70	8.55	-	-	-
09/13/87	6.67	5.32	7.18	4.66	2.57	9.14	-	-	-
09/14/87	4.31	2.70	5.55	-	-	-	-	-	-
09/15/87	3.40	2.87	3.92	6.08	2.95	8.51	-	-	-
09/16/87	3.18	2.39	3.57	3.25	2.42	3.80	-	-	-
09/17/87	2.99	2.36	3.38	3.88	2.54	8.56	-	-	-
09/18/87	3.14	2.95	3.38	4.20	2.45	9.33	-	-	-
09/19/87	4.01	2.91	6.23	5.00	3.11	9.20	-	-	-
09/20/87	5.84	5.26	6.36	8.19	7.68	9.16	-	-	-
09/21/87	5.28	3.90	6.24	4.64	3.13	7.01	-	-	-
09/22/87	3.40	2.65	5.46	5.02	2.84	9.47	-	-	-
09/23/87	3.18	2.69	3.50	4.92	2.79	7.94	-	-	-
09/24/87	3.02	2.58	3.48	5.03	1.97	8.80	-	-	-
09/25/87	2.73	2.06	3.26	2.67	1.58	8.07	-	-	-
09/26/87	2.50	2.15	2.71	2.95	1.84	5.74	-	-	-
09/27/87	2.69	2.38	2.92	3.96	2.71	8.63	-	-	-
09/28/87	2.82	2.61	2.97	2.62	1.56	4.45	-	-	-
09/29/87	2.57	2.19	2.80	2.51	1.81	3.40	-	-	-
09/30/87	2.14	1.72	2.77	3.67	1.44	9.29	-	-	-
10/01/87	2.60	1.84	3.27	2.34	1.68	6.10	-	-	-
10/02/87	2.37	1.90	2.86	3.21	1.80	8.57	-	-	-
10/03/87	2.42	2.28	2.60	2.61	1.06	5.04	-	-	-
10/04/87	2.44	2.30	2.55	1.32	1.20	1.74	-	-	-
10/05/87	2.57	2.42	2.76	1.04	0.89	1.35	-	-	-
10/06/87	3.89	2.50	4.24	2.59	1.17	8.88	-	-	-
10/07/87	4.14	3.99	4.23	4.82	2.47	9.49	-	-	-
10/08/87	3.89	3.72	4.03	7.50	5.75	9.23	-	-	-
10/09/87	3.44	2.97	3.81	5.90	2.06	9.45	-	-	-
10/10/87	3.50	2.64	3.81	3.73	1.58	6.38	-	-	-
10/11/87	2.78	2.45	3.14	4.30	1.30	8.93	-	-	-

MOORING=07C
LATITUDE=63-57.1'N
LONGITUDE=172-06.4'W

DAILY STATISTICS
INST DEPTH=15M
SONIC DEPTH=53M

BEGINNING: 07/08/87
ENDING: 10/19/87

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
10/12/87	2.34	-0.66	3.17	2.80	1.09	9.52	-	-	-
10/13/87	2.09	0.81	2.34	3.02	1.20	4.37	-	-	-
10/14/87	2.93	0.44	3.18	6.07	4.20	9.35	-	-	-
10/15/87	2.27	1.60	2.82	3.83	1.81	7.44	-	-	-
10/16/87	2.30	1.73	2.88	2.31	1.58	4.48	-	-	-
10/17/87	2.42	2.32	2.78	3.77	3.12	6.64	-	-	-
10/18/87	2.57	2.34	2.63	4.80	2.88	6.59	-	-	-
10/19/87	2.56	2.50	2.60	5.45	4.15	7.04	-	-	-

MOORING=07C
 LATITUDE=63-57.1'N
 LONGITUDE=172-06.4'W

DAILY STATISTICS
 INST DEPTH=49M
 SONIC DEPTH=53M

BEGINNING: 07/08/87
 ENDING: 10/19/87

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
07/08/87	-1.30	-1.40	-1.17	4.37	2.60	6.54	-	-	-
07/09/87	-1.28	-1.38	-1.17	3.94	2.89	5.95	-	-	-
07/10/87	-1.36	-1.41	-1.29	3.49	2.42	4.46	-	-	-
07/11/87	-1.36	-1.41	-1.32	4.12	2.67	6.20	-	-	-
07/12/87	-1.32	-1.42	-1.20	3.80	2.36	5.57	-	-	-
07/13/87	-1.14	-1.32	-0.89	3.48	2.37	4.49	-	-	-
07/14/87	-1.40	-1.44	-1.34	3.75	2.34	6.00	-	-	-
07/15/87	-1.38	-1.43	-1.31	4.38	3.07	6.11	-	-	-
07/16/87	-1.34	-1.37	-1.30	3.67	2.56	4.41	-	-	-
07/17/87	-1.30	-1.34	-1.23	3.50	2.56	4.36	-	-	-
07/18/87	-1.41	-1.51	-1.28	5.06	2.88	6.87	-	-	-
07/19/87	-1.13	-1.39	-0.88	4.01	3.06	5.53	-	-	-
07/20/87	-1.09	-1.34	-0.82	3.34	2.23	7.04	-	-	-
07/21/87	-1.14	-1.22	-1.03	3.50	2.69	4.47	-	-	-
07/22/87	-1.13	-1.31	-0.83	3.45	2.03	4.85	-	-	-
07/23/87	-1.07	-1.32	-0.84	3.53	2.63	4.38	-	-	-
07/24/87	-1.09	-1.28	-0.77	3.37	2.24	4.38	-	-	-
07/25/87	-0.97	-1.22	-0.58	3.78	2.45	6.55	-	-	-
07/26/87	-0.90	-1.00	-0.67	3.13	2.17	4.05	-	-	-
07/27/87	-0.99	-1.09	-0.84	3.30	2.37	5.95	-	-	-
07/28/87	-0.64	-0.82	-0.39	2.61	1.80	3.82	-	-	-
07/29/87	-0.73	-0.95	-0.56	2.09	1.39	3.22	-	-	-
07/30/87	-0.37	-0.79	0.10	2.27	1.41	3.21	-	-	-
07/31/87	-1.03	-1.22	-0.51	2.67	1.80	3.46	-	-	-
08/01/87	-0.69	-0.93	-0.49	2.43	1.48	3.01	-	-	-
08/02/87	-0.54	-0.69	-0.40	1.84	1.27	2.59	-	-	-
08/03/87	-0.87	-1.07	-0.41	3.07	2.00	4.09	-	-	-
08/04/87	-0.85	-1.08	-0.54	2.25	1.46	3.83	-	-	-
08/05/87	-0.57	-0.94	0.38	1.58	0.99	2.27	-	-	-
08/06/87	-0.06	-0.39	0.47	1.06	0.60	1.78	-	-	-
08/07/87	-0.79	-1.09	0.16	1.88	0.70	2.87	-	-	-
08/08/87	-0.82	-1.01	-0.38	1.81	1.00	3.01	-	-	-
08/09/87	-0.53	-1.05	-0.16	1.42	0.78	2.29	-	-	-
08/10/87	-1.09	-1.40	-0.81	2.43	1.78	3.07	-	-	-
08/11/87	-1.17	-1.30	-1.02	2.08	1.49	3.01	-	-	-
08/12/87	-0.31	-1.19	0.80	1.47	0.73	2.22	-	-	-
08/13/87	0.35	-0.71	1.03	1.10	0.85	1.31	-	-	-
08/14/87	-0.45	-0.85	-0.06	1.08	0.86	1.30	-	-	-
08/15/87	0.29	-0.28	0.57	0.82	0.47	1.10	-	-	-
08/16/87	-0.20	-0.61	0.38	1.61	1.12	2.55	-	-	-
08/17/87	-0.31	-0.71	0.10	1.37	1.08	1.75	-	-	-
08/18/87	0.68	0.23	0.90	0.73	0.32	1.27	-	-	-
08/19/87	0.27	-0.07	0.73	0.56	0.35	0.88	-	-	-
08/20/87	0.65	-0.09	1.16	0.57	0.33	0.93	-	-	-
08/21/87	0.85	-0.10	1.27	0.59	0.22	0.91	-	-	-
08/22/87	0.87	0.64	1.39	0.59	0.27	0.92	-	-	-
08/23/87	0.27	-0.11	0.77	0.56	0.32	0.83	-	-	-
08/24/87	0.49	-0.15	1.03	0.58	0.27	0.74	-	-	-

MOORING=07C
 LATITUDE=63-57.1'N
 LONGITUDE=172-06.4'W

DAILY STATISTICS
 INST DEPTH=49M
 SONIC DEPTH=53M

BEGINNING: 07/08/87
 ENDING: 10/19/87

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
08/25/87	0.26	-0.12	0.60	0.56	0.39	0.77	-	-	-
08/26/87	0.15	-0.21	0.68	0.54	0.19	0.84	-	-	-
08/27/87	-0.39	-0.68	-0.05	0.57	0.34	0.72	-	-	-
08/28/87	-0.45	-0.58	0.42	0.63	0.37	0.97	-	-	-
08/29/87	0.59	0.35	0.76	0.51	0.28	0.79	-	-	-
08/30/87	0.80	0.69	0.92	0.38	0.16	0.50	-	-	-
08/31/87	-0.08	-0.78	0.84	0.66	0.30	1.34	-	-	-
09/01/87	-0.83	-1.03	-0.61	0.74	0.54	1.07	-	-	-
09/02/87	-0.96	-1.10	-0.78	0.65	0.45	0.96	-	-	-
09/03/87	-0.95	-1.07	-0.66	0.59	0.34	0.85	-	-	-
09/04/87	0.10	-0.65	0.88	0.46	0.18	0.65	-	-	-
09/05/87	0.59	-0.52	1.07	0.47	0.32	0.62	-	-	-
09/06/87	0.12	-0.78	0.89	0.49	0.22	0.65	-	-	-
09/07/87	0.40	-0.09	0.99	0.33	0.11	0.52	-	-	-
09/08/87	-0.18	-0.23	-0.08	0.46	0.16	0.72	-	-	-
09/09/87	-0.17	-0.46	0.18	0.43	0.21	0.60	-	-	-
09/10/87	-0.61	-1.01	0.34	0.60	0.37	0.89	-	-	-
09/11/87	-0.25	-0.82	0.77	0.54	0.34	0.82	-	-	-
09/12/87	-0.58	-0.85	0.06	0.55	0.39	0.78	-	-	-
09/13/87	0.69	0.09	0.96	0.48	0.32	0.64	-	-	-
09/14/87	1.03	0.88	1.12	0.64	0.32	0.92	-	-	-
09/15/87	1.53	1.15	1.83	0.78	0.55	1.03	-	-	-
09/16/87	1.57	1.54	1.59	0.71	0.50	0.91	-	-	-
09/17/87	1.67	1.58	1.81	0.70	0.47	0.86	-	-	-
09/18/87	1.85	1.82	1.90	0.66	0.47	0.96	-	-	-
09/19/87	2.09	1.49	2.69	0.52	0.30	0.79	-	-	-
09/20/87	1.40	0.92	1.89	0.56	0.12	1.18	-	-	-
09/21/87	1.57	1.25	2.04	0.47	0.19	0.74	-	-	-
09/22/87	2.77	2.11	3.08	1.00	0.22	2.54	-	-	-
09/23/87	3.21	2.74	3.56	1.79	0.83	2.87	-	-	-
09/24/87	2.91	2.62	3.52	1.72	0.97	2.55	-	-	-
09/25/87	2.03	0.77	2.96	1.12	0.46	1.99	-	-	-
09/26/87	0.75	0.67	0.84	0.50	0.33	0.69	-	-	-
09/27/87	2.23	0.85	2.88	0.93	0.40	1.63	-	-	-
09/28/87	2.60	2.56	2.70	0.69	0.44	1.21	-	-	-
09/29/87	2.51	1.54	2.87	1.08	0.51	2.78	-	-	-
09/30/87	0.83	0.23	1.48	0.57	0.35	0.85	-	-	-
10/01/87	0.40	-0.04	1.37	0.39	0.19	0.56	-	-	-
10/02/87	2.08	1.31	2.61	0.58	0.21	0.88	-	-	-
10/03/87	2.46	2.33	2.60	0.52	0.28	1.00	-	-	-
10/04/87	2.47	2.36	2.56	0.44	0.24	0.65	-	-	-
10/05/87	2.55	2.43	2.74	0.30	0.14	0.46	-	-	-
10/06/87	2.39	2.12	2.58	0.41	0.18	0.64	-	-	-
10/07/87	0.74	-0.80	2.42	0.30	0.09	0.50	-	-	-
10/08/87	-0.98	-1.05	-0.76	0.27	0.09	0.41	-	-	-
10/09/87	-1.06	-1.10	-0.99	0.24	0.04	0.47	-	-	-
10/10/87	-1.10	-1.14	-1.03	0.23	0.01	0.42	-	-	-
10/11/87	-0.99	-1.06	-0.93	0.24	0.04	0.43	-	-	-

MOORING=07C

LATITUDE=63-57.1'N

LONGITUDE=172-06.4'W

DAILY STATISTICS

INST DEPTH=49M

SONIC DEPTH=53M

BEGINNING: 07/08/87

ENDING: 10/19/87

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
10/12/87	-0.19	-1.10	1.15	0.24	0.00	0.44	-	-	-
10/13/87	0.26	-0.77	1.07	0.22	0.05	0.38	-	-	-
10/14/87	1.09	-1.04	1.52	0.23	0.05	0.44	-	-	-
10/15/87	1.23	0.97	1.54	0.30	0.15	0.47	-	-	-
10/16/87	0.42	-0.35	1.34	0.35	0.11	0.54	-	-	-
10/17/87	1.48	1.37	1.55	0.58	0.41	0.75	-	-	-
10/18/87	1.26	1.06	1.46	0.54	0.32	0.78	-	-	-
10/19/87	0.96	0.79	1.05	0.46	0.30	0.77	-	-	-

MOORING=08C
 LATITUDE=64-37.0'N
 LONGITUDE=170-52.2'W

DAILY STATISTICS
 INST DEPTH=16M
 SONIC DEPTH=45M

BEGINNING: 07/08/87
 ENDING: 10/19/87

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
07/08/87	-0.21	-0.23	-0.18	-	-	-	-	-	-
07/09/87	0.66	-0.14	1.12	-	-	-	-	-	-
07/10/87	0.51	0.12	0.80	-	-	-	-	-	-
07/11/87	0.31	0.05	0.72	-	-	-	-	-	-
07/12/87	0.28	0.00	0.64	-	-	-	-	-	-
07/13/87	0.17	-0.05	0.53	-	-	-	-	-	-
07/14/87	0.22	-0.06	0.58	-	-	-	-	-	-
07/15/87	0.56	0.46	0.80	-	-	-	-	-	-
07/16/87	0.43	0.19	0.63	-	-	-	-	-	-
07/17/87	0.34	0.12	0.55	-	-	-	-	-	-
07/18/87	-0.02	-0.29	0.41	-	-	-	-	-	-
07/19/87	0.26	-0.03	1.02	-	-	-	-	-	-
07/20/87	0.18	-0.07	0.91	-	-	-	-	-	-
07/21/87	0.79	0.56	1.04	-	-	-	-	-	-
07/22/87	0.71	0.61	0.81	-	-	-	-	-	-
07/23/87	0.79	0.52	1.23	-	-	-	-	-	-
07/24/87	0.76	0.47	1.00	-	-	-	-	-	-
07/25/87	0.95	0.72	1.33	-	-	-	-	-	-
07/26/87	1.11	0.90	1.29	-	-	-	-	-	-
07/27/87	1.03	0.77	1.21	-	-	-	-	-	-
07/28/87	0.88	0.61	1.09	-	-	-	-	-	-
07/29/87	0.63	0.42	1.07	-	-	-	-	-	-
07/30/87	1.11	0.85	1.82	-	-	-	-	-	-
07/31/87	1.28	0.79	3.12	-	-	-	-	-	-
08/01/87	0.84	0.57	1.06	-	-	-	-	-	-
08/02/87	0.87	0.39	1.24	-	-	-	-	-	-
08/03/87	0.99	0.48	1.29	-	-	-	-	-	-
08/04/87	0.76	0.49	0.92	-	-	-	-	-	-
08/05/87	0.53	0.36	0.68	-	-	-	-	-	-
08/06/87	0.65	0.48	0.74	-	-	-	-	-	-
08/07/87	0.68	0.60	0.82	-	-	-	-	-	-
08/08/87	0.86	0.64	0.96	-	-	-	-	-	-
08/09/87	0.90	0.83	1.04	-	-	-	-	-	-
08/10/87	1.13	0.83	1.34	-	-	-	-	-	-
08/11/87	0.85	0.75	1.07	-	-	-	-	-	-
08/12/87	1.09	0.88	1.36	-	-	-	-	-	-
08/13/87	1.37	1.23	1.59	-	-	-	-	-	-
08/14/87	1.99	1.59	2.31	-	-	-	-	-	-
08/15/87	1.58	1.25	2.56	-	-	-	-	-	-
08/16/87	1.52	1.24	1.71	-	-	-	-	-	-
08/17/87	1.57	1.40	1.72	-	-	-	-	-	-
08/18/87	1.73	1.44	1.91	-	-	-	-	-	-
08/19/87	1.41	1.31	1.65	-	-	-	-	-	-
08/20/87	1.29	1.22	1.41	-	-	-	-	-	-
08/21/87	1.34	1.24	1.44	-	-	-	-	-	-
08/22/87	1.40	1.10	1.77	-	-	-	-	-	-
08/23/87	1.76	1.65	1.85	-	-	-	-	-	-
08/24/87	1.89	1.71	2.06	-	-	-	-	-	-

MOORING=08C
 LATITUDE=64-37.0'N
 LONGITUDE=170-52.2'W

DAILY STATISTICS
 INST DEPTH=16M
 SONIC DEPTH=45M

BEGINNING: 07/08/87
 ENDING: 10/19/87

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
08/25/87	1.72	1.32	2.08	-	-	-	-	-	-
08/26/87	1.22	1.04	1.43	-	-	-	-	-	-
08/27/87	1.44	1.32	1.69	-	-	-	-	-	-
08/28/87	1.75	1.55	2.52	-	-	-	-	-	-
08/29/87	2.36	2.22	2.48	-	-	-	-	-	-
08/30/87	1.86	1.50	2.31	-	-	-	-	-	-
08/31/87	2.18	1.29	4.91	-	-	-	-	-	-
09/01/87	3.16	0.88	8.21	-	-	-	-	-	-
09/02/87	3.09	0.99	5.71	-	-	-	-	-	-
09/03/87	5.20	4.49	5.65	-	-	-	-	-	-
09/04/87	4.48	3.84	5.04	-	-	-	-	-	-
09/05/87	4.61	4.10	4.74	-	-	-	-	-	-
09/06/87	4.43	3.85	4.75	-	-	-	-	-	-
09/07/87	4.51	4.36	4.64	-	-	-	-	-	-
09/08/87	4.30	4.17	4.44	-	-	-	-	-	-
09/09/87	4.12	3.69	4.33	-	-	-	-	-	-
09/10/87	4.97	3.98	6.12	-	-	-	-	-	-
09/11/87	4.98	3.48	6.21	-	-	-	-	-	-
09/12/87	3.71	3.38	4.17	-	-	-	-	-	-
09/13/87	3.58	3.36	3.74	-	-	-	-	-	-
09/14/87	3.27	2.88	3.57	-	-	-	-	-	-
09/15/87	2.71	2.47	3.06	-	-	-	-	-	-
09/16/87	3.05	2.73	3.34	-	-	-	-	-	-
09/17/87	3.34	3.30	3.40	-	-	-	-	-	-
09/18/87	3.35	3.29	3.45	-	-	-	-	-	-
09/19/87	3.67	3.23	4.07	-	-	-	-	-	-
09/20/87	3.52	3.15	3.85	-	-	-	-	-	-
09/21/87	3.64	3.24	3.92	-	-	-	-	-	-
09/22/87	3.00	2.76	3.21	-	-	-	-	-	-
09/23/87	2.69	2.60	2.88	-	-	-	-	-	-
09/24/87	2.82	2.72	2.93	-	-	-	-	-	-
09/25/87	2.80	2.70	2.91	-	-	-	-	-	-
09/26/87	2.79	2.59	2.88	-	-	-	-	-	-
09/27/87	2.37	2.27	2.59	-	-	-	-	-	-
09/28/87	2.28	2.18	2.51	-	-	-	-	-	-
09/29/87	2.74	2.49	2.79	-	-	-	-	-	-
09/30/87	2.73	2.72	2.76	-	-	-	-	-	-
10/01/87	2.56	2.32	2.71	-	-	-	-	-	-
10/02/87	2.44	2.33	2.52	-	-	-	-	-	-
10/03/87	2.50	2.46	2.55	-	-	-	-	-	-
10/04/87	2.44	2.23	2.49	-	-	-	-	-	-
10/05/87	2.22	2.16	2.36	-	-	-	-	-	-
10/06/87	2.27	2.18	2.39	-	-	-	-	-	-
10/07/87	2.36	2.30	2.44	-	-	-	-	-	-
10/08/87	2.26	2.20	2.33	-	-	-	-	-	-
10/09/87	2.25	2.19	2.39	-	-	-	-	-	-
10/10/87	2.59	2.41	2.87	-	-	-	-	-	-
10/11/87	1.23	0.02	2.90	-	-	-	-	-	-

MOORING=08C
LATITUDE=64-37.0'N
LONGITUDE=170-52.2'W

DAILY STATISTICS
INST DEPTH=16M
SONIC DEPTH=45M

BEGINNING: 07/08/87
ENDING: 10/19/87

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
10/12/87	0.43	-0.00	0.72	-	-	-	-	-	-
10/13/87	0.27	-0.05	0.80	-	-	-	-	-	-
10/14/87	0.60	0.54	0.75	-	-	-	-	-	-
10/15/87	0.52	0.26	0.78	-	-	-	-	-	-
10/16/87	0.62	0.27	0.93	-	-	-	-	-	-
10/17/87	0.93	0.88	0.99	-	-	-	-	-	-
10/18/87	1.00	0.97	1.03	-	-	-	-	-	-
10/19/87	1.04	0.97	1.07	-	-	-	-	-	-

MOORING=08C
 LATITUDE=64-37.0'N
 LONGITUDE=170-52.2'W

DAILY STATISTICS
 INST DEPTH=38M
 SONIC DEPTH=45M

BEGINNING: 07/08/87
 ENDING: 10/19/87

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
07/08/87	0.69	0.59	0.74	1.50	1.28	1.68	.924	.816	1.024
07/09/87	0.74	0.48	0.97	1.43	0.78	3.24	1.006	.598	2.351
07/10/87	0.53	0.17	0.74	1.04	0.58	2.06	.809	.548	1.236
07/11/87	0.37	0.10	0.72	1.44	0.74	3.79	1.021	.700	3.355
07/12/87	0.31	0.07	0.48	1.28	0.65	2.04	.864	.589	1.395
07/13/87	0.20	-0.01	0.34	0.86	0.33	2.54	.832	.474	2.375
07/14/87	0.37	-0.06	0.70	1.18	0.41	2.40	.799	.426	1.750
07/15/87	0.56	0.42	0.69	0.74	0.42	1.18	.551	.403	.823
07/16/87	0.45	0.28	0.61	0.93	0.58	1.43	.637	.436	.811
07/17/87	0.30	0.17	0.51	0.74	0.42	1.25	.581	.422	.896
07/18/87	0.15	-0.09	0.47	1.34	0.75	3.43	.932	.381	3.783
07/19/87	0.27	0.01	0.62	1.66	0.85	2.93	.955	.450	3.169
07/20/87	0.40	-0.06	0.77	1.71	0.94	3.10	.884	.515	2.044
07/21/87	0.85	0.52	1.04	1.35	1.03	2.09	.716	.508	1.423
07/22/87	0.70	0.55	0.81	1.79	0.97	2.65	.906	.553	1.435
07/23/87	0.85	0.60	1.12	1.31	0.72	2.14	.737	.436	1.033
07/24/87	0.76	0.50	0.98	1.22	0.67	1.88	.662	.418	1.028
07/25/87	1.05	0.78	1.33	0.92	0.46	1.58	.617	.464	1.084
07/26/87	1.10	0.99	1.21	0.91	0.66	1.20	.660	.487	.953
07/27/87	1.01	0.82	1.17	1.08	0.79	1.52	.746	.495	1.208
07/28/87	0.81	0.46	1.05	1.14	0.75	1.82	.886	.577	1.268
07/29/87	0.81	0.44	1.13	1.13	0.56	1.89	.811	.553	1.132
07/30/87	1.17	0.89	1.42	0.74	0.38	2.41	.731	.553	1.943
07/31/87	0.91	0.83	1.08	1.04	0.77	1.48	.841	.684	1.143
08/01/87	0.93	0.62	1.16	0.69	0.40	1.14	.649	.468	1.002
08/02/87	0.98	0.35	1.30	0.81	0.46	2.48	.858	.612	1.836
08/03/87	0.89	0.53	1.28	0.54	0.34	0.99	.690	.533	1.202
08/04/87	0.68	0.40	0.89	0.45	0.30	0.59	.689	.605	.856
08/05/87	0.58	0.35	0.79	0.57	0.34	0.81	.799	.698	.928
08/06/87	0.76	0.67	0.81	0.40	0.31	0.49	.730	.608	.872
08/07/87	0.77	0.64	0.93	0.42	0.30	0.62	.651	.586	.716
08/08/87	0.93	0.88	0.97	0.49	0.33	0.68	.668	.580	.715
08/09/87	1.03	0.86	1.36	0.47	0.35	0.72	.646	.577	.708
08/10/87	1.02	0.79	1.28	0.42	0.28	0.58	.635	.575	.735
08/11/87	0.95	0.80	1.14	0.40	0.25	0.60	.655	.582	.716
08/12/87	1.26	1.05	1.42	0.46	0.38	0.64	.715	.665	.763
08/13/87	1.68	1.44	1.86	0.53	0.30	0.71	.770	.675	1.043
08/14/87	1.73	1.51	1.97	0.40	0.27	0.60	.730	.644	.905
08/15/87	1.40	1.26	1.57	0.33	0.24	0.40	.676	.619	.731
08/16/87	1.64	1.55	1.74	0.35	0.27	0.43	.679	.620	.742
08/17/87	1.66	1.45	1.87	0.36	0.30	0.47	.751	.633	1.001
08/18/87	1.51	1.36	1.80	0.42	0.35	0.53	.731	.600	.810
08/19/87	1.35	1.26	1.44	0.50	0.30	0.77	.765	.622	.900
08/20/87	1.34	1.26	1.43	0.48	0.33	0.74	.699	.623	.857
08/21/87	1.38	1.14	1.76	0.44	0.27	0.68	.730	.662	.795
08/22/87	1.75	1.63	1.86	0.35	0.27	0.48	.727	.668	1.194
08/23/87	1.86	1.70	2.04	0.36	0.27	0.48	.719	.631	.848
08/24/87	1.92	1.79	2.12	0.53	0.37	0.64	.842	.655	.986

MOORING=08C
 LATITUDE=64-37.0'N
 LONGITUDE=170-52.2'W

DAILY STATISTICS
 INST DEPTH=38M
 SONIC DEPTH=45M

BEGINNING: 07/08/87
 ENDING: 10/19/87

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
08/25/87	2.00	1.93	2.15	0.67	0.54	0.78	.781	.691	.880
08/26/87	1.66	1.35	2.02	0.70	0.45	0.90	.682	.539	.784
08/27/87	1.26	1.07	1.51	0.62	0.39	0.78	.734	.639	.846
08/28/87	1.36	1.28	1.55	0.70	0.53	0.85	.732	.613	.913
08/29/87	1.57	1.52	1.63	0.74	0.49	0.98	.748	.673	.810
08/30/87	1.72	1.62	1.80	0.58	0.48	0.67	.838	.765	.917
08/31/87	1.54	1.27	1.89	0.61	0.48	0.68	.892	.803	1.045
09/01/87	1.26	1.15	1.35	0.54	0.43	0.70	.792	.662	.909
09/02/87	1.14	0.91	1.41	0.50	0.41	0.58	.764	.629	1.081
09/03/87	1.25	1.04	1.46	0.47	0.38	0.57	.689	.650	.749
09/04/87	1.28	1.17	1.40	0.49	0.38	0.58	.805	.595	1.044
09/05/87	1.29	1.25	1.47	0.53	0.35	0.64	.998	.478	1.295
09/06/87	1.31	1.14	1.49	0.43	0.38	0.50	.865	.459	1.341
09/07/87	1.32	1.28	1.37	0.48	0.40	0.56	1.103	.902	1.230
09/08/87	1.42	1.37	1.46	0.51	0.40	0.72	.932	.885	.987
09/09/87	1.35	1.29	1.45	0.55	0.39	0.72	2.035	.876	>6.0
09/10/87	1.47	1.36	1.58	0.50	0.38	0.68	.969	.870	1.241
09/11/87	1.55	1.40	1.80	0.51	0.36	0.68	1.028	.642	5.962
09/12/87	1.55	1.34	1.80	0.43	0.33	0.51	.855	.661	1.092
09/13/87	1.60	1.46	1.71	0.62	0.39	1.06	1.085	.978	1.230
09/14/87	1.44	1.38	1.50	0.59	0.36	0.88	1.131	1.035	1.234
09/15/87	1.73	1.40	1.87	0.57	0.37	0.88	1.341	1.175	1.503
09/16/87	1.67	1.60	1.76	0.57	0.36	0.79	1.463	1.284	1.591
09/17/87	1.68	1.61	1.74	0.59	0.39	0.78	1.312	1.057	1.586
09/18/87	1.52	1.39	1.67	0.45	0.33	0.53	1.564	1.240	1.869
09/19/87	1.65	1.40	1.85	0.66	0.48	1.19	1.451	1.169	1.568
09/20/87	1.94	1.85	1.97	0.46	0.36	0.67	1.107	.875	1.830
09/21/87	1.94	1.89	1.99	0.42	0.32	0.50	1.088	.864	1.205
09/22/87	2.02	1.97	2.10	1.04	0.45	2.37	2.131	1.174	3.460
09/23/87	2.26	2.12	2.50	2.09	1.47	4.53	2.406	.953	3.273
09/24/87	2.20	2.11	2.46	1.34	0.67	3.15	1.993	1.150	2.550
09/25/87	2.58	2.16	2.87	1.50	0.68	2.57	1.590	.788	2.452
09/26/87	2.91	2.85	2.96	1.30	0.64	2.52	.766	.496	2.024
09/27/87	2.57	2.34	2.88	2.35	1.19	5.23	1.413	.713	2.482
09/28/87	2.32	2.23	2.38	2.29	1.71	5.72	2.185	1.014	>6.0
09/29/87	2.56	2.32	2.82	1.23	0.46	2.50	.954	.431	1.990
09/30/87	2.80	2.77	2.84	0.49	0.37	0.61	.612	.506	.960
10/01/87	2.72	2.50	2.79	0.78	0.48	1.84	.918	.727	1.519
10/02/87	2.41	2.22	2.61	1.83	1.12	3.14	1.490	1.112	2.587
10/03/87	2.38	2.30	2.45	2.30	1.83	3.09	2.260	1.681	2.729
10/04/87	2.23	2.05	2.70	1.71	1.04	2.21	2.025	1.038	2.820
10/05/87	2.45	2.38	2.57	1.43	1.11	1.80	1.582	1.315	1.941
10/06/87	2.41	2.37	2.46	1.19	0.79	1.64	1.160	1.020	1.388
10/07/87	2.42	2.37	2.47	0.83	0.47	1.24	1.080	.896	1.253
10/08/87	2.44	2.39	2.50	0.55	0.38	0.88	1.143	1.017	1.332
10/09/87	2.35	2.32	2.40	0.61	0.36	1.08	1.295	1.141	1.472
10/10/87	2.56	2.36	2.64	0.33	0.25	0.43	.983	.805	1.322
10/11/87	0.54	0.06	2.59	0.37	0.24	0.55	1.045	.908	1.263

MOORING=08C
LATITUDE=64-37.0'N
LONGITUDE=170-52.2'W

DAILY STATISTICS
INST DEPTH=38M
SONIC DEPTH=45M

BEGINNING: 07/08/87
ENDING: 10/19/87

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
10/12/87	0.60	0.16	0.80	0.59	0.32	0.77	1.209	1.069	1.463
10/13/87	0.35	0.08	0.82	0.43	0.28	0.58	1.093	.957	1.280
10/14/87	0.97	0.78	1.08	0.61	0.49	0.69	1.625	1.055	2.406
10/15/87	0.90	0.82	1.03	0.54	0.37	0.72	2.024	1.448	2.588
10/16/87	0.88	0.82	0.99	0.51	0.39	0.63	2.067	1.626	2.509
10/17/87	0.98	0.93	1.03	0.49	0.39	0.61	1.673	1.486	2.273
10/18/87	1.02	1.00	1.05	0.47	0.34	0.59	1.909	1.636	2.010
10/19/87	1.05	1.03	1.08	0.43	0.34	0.56	2.037	1.470	2.344

MOORING=18A
 LATITUDE=64-34.1'N
 LONGITUDE=169-36.2'W

DAILY STATISTICS
 INST DEPTH=19M
 SONIC DEPTH=44M

BEGINNING: 07/09/87
 ENDING: 10/19/87

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
07/09/87	-0.61	-0.67	-0.52	1.86	1.09	3.00	-	-	-
07/10/87	-0.78	-0.83	-0.65	2.11	1.23	3.20	-	-	-
07/11/87	-0.73	-0.79	-0.65	1.71	0.93	3.12	-	-	-
07/12/87	-0.49	-0.66	-0.17	1.41	0.63	2.43	-	-	-
07/13/87	-0.46	-0.57	-0.05	1.85	1.02	3.13	-	-	-
07/14/87	-0.53	-0.67	-0.22	1.85	0.86	2.76	-	-	-
07/15/87	-0.75	-0.82	-0.58	2.25	1.08	3.09	-	-	-
07/16/87	-0.54	-0.66	-0.16	1.95	1.31	2.74	-	-	-
07/17/87	-0.26	-0.45	0.39	1.77	1.11	3.19	-	-	-
07/18/87	-0.53	-0.71	0.22	2.11	1.18	3.18	-	-	-
07/19/87	-0.49	-0.69	-0.11	1.97	1.42	2.91	-	-	-
07/20/87	-0.35	-0.66	0.38	1.87	0.64	3.43	-	-	-
07/21/87	-0.68	-0.87	0.21	1.90	1.18	3.05	-	-	-
07/22/87	-0.61	-0.73	-0.56	1.90	1.40	3.10	-	-	-
07/23/87	-0.21	-0.64	0.29	2.24	1.22	3.13	-	-	-
07/24/87	0.50	0.03	1.00	1.73	1.02	2.79	-	-	-
07/25/87	0.70	0.34	0.99	1.55	0.95	2.27	-	-	-
07/26/87	0.62	0.43	1.03	1.64	0.82	2.90	-	-	-
07/27/87	0.53	0.21	1.18	1.67	0.80	2.64	-	-	-
07/28/87	0.64	0.48	0.87	1.46	0.90	2.48	-	-	-
07/29/87	0.43	0.27	0.84	1.56	0.91	2.55	-	-	-
07/30/87	0.65	0.13	1.33	1.41	0.68	2.04	-	-	-
07/31/87	0.25	-0.16	1.06	1.48	0.85	2.33	-	-	-
08/01/87	0.48	0.08	1.36	0.79	0.24	1.58	-	-	-
08/02/87	0.65	0.56	0.77	0.86	0.38	1.61	-	-	-
08/03/87	1.30	0.29	5.46	0.94	0.01	3.39	-	-	-
08/04/87	0.45	-0.12	3.70	0.91	0.16	2.21	-	-	-
08/05/87	-0.13	-0.41	0.17	0.78	0.41	2.47	-	-	-
08/06/87	0.37	0.07	0.57	0.47	0.18	1.04	-	-	-
08/07/87	0.52	0.40	0.69	0.50	0.17	0.80	-	-	-
08/08/87	0.46	0.21	0.67	0.67	0.29	0.99	-	-	-
08/09/87	0.28	0.11	0.45	0.61	0.28	1.35	-	-	-
08/10/87	0.37	0.04	0.82	0.50	0.33	0.66	-	-	-
08/11/87	0.52	0.24	1.20	0.46	0.14	0.63	-	-	-
08/12/87	0.53	0.27	0.84	0.64	0.29	0.87	-	-	-
08/13/87	0.38	0.19	0.89	0.59	0.32	0.77	-	-	-
08/14/87	0.99	0.67	1.25	0.46	0.27	0.66	-	-	-
08/15/87	1.04	0.66	2.13	0.40	0.04	0.65	-	-	-
08/16/87	0.70	0.36	1.16	0.50	0.15	0.78	-	-	-
08/17/87	0.32	0.15	0.51	0.61	0.31	0.93	-	-	-
08/18/87	1.32	0.18	2.41	0.57	0.13	0.88	-	-	-
08/19/87	2.23	1.99	2.62	0.36	0.21	0.56	-	-	-
08/20/87	2.25	1.84	2.75	0.46	0.25	0.67	-	-	-
08/21/87	2.18	1.88	2.43	0.48	0.32	0.66	-	-	-
08/22/87	1.53	1.18	2.14	0.44	0.28	0.63	-	-	-
08/23/87	1.07	0.84	1.39	0.37	0.16	0.56	-	-	-
08/24/87	1.37	0.86	1.88	0.32	0.25	0.43	-	-	-
08/25/87	1.72	1.52	1.94	0.30	0.23	0.38	-	-	-

MOORING=18A
 LATITUDE=64-34.1'N
 LONGITUDE=169-36.2'W

DAILY STATISTICS
 INST DEPTH=19M
 SONIC DEPTH=44M

BEGINNING: 07/09/87
 ENDING: 10/19/87

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
08/26/87	1.75	1.63	2.01	0.32	0.14	0.45	-	-	-
08/27/87	1.83	1.63	2.15	0.42	0.18	0.65	-	-	-
08/28/87	1.93	1.83	2.09	0.68	0.48	0.80	-	-	-
08/29/87	2.04	1.87	2.39	0.75	0.61	1.00	-	-	-
08/30/87	2.35	2.02	2.47	1.06	0.83	1.24	-	-	-
08/31/87	2.41	2.14	2.67	1.05	0.72	1.44	-	-	-
09/01/87	2.26	1.68	2.62	1.18	0.68	1.49	-	-	-
09/02/87	1.78	1.25	2.75	0.74	0.36	1.76	-	-	-
09/03/87	2.05	1.33	2.41	0.59	0.30	0.81	-	-	-
09/04/87	2.13	2.02	2.27	0.65	0.49	0.87	-	-	-
09/05/87	2.11	1.78	2.35	0.78	0.29	1.08	-	-	-
09/06/87	2.15	1.55	2.47	0.95	0.12	1.30	-	-	-
09/07/87	2.00	1.93	2.10	1.40	1.11	1.62	-	-	-
09/08/87	1.96	1.92	2.01	1.66	1.44	2.01	-	-	-
09/09/87	1.85	1.76	1.92	1.62	1.05	2.00	-	-	-
09/10/87	1.60	1.00	2.08	1.02	0.38	1.93	-	-	-
09/11/87	2.05	1.16	3.15	1.79	0.69	2.99	-	-	-
09/12/87	2.48	1.95	2.87	1.82	0.99	2.66	-	-	-
09/13/87	2.98	2.67	3.23	3.37	2.15	4.98	-	-	-
09/14/87	2.90	2.50	3.26	2.97	2.07	3.79	-	-	-
09/15/87	2.22	1.81	2.89	2.90	2.08	3.74	-	-	-
09/16/87	2.11	1.61	2.53	2.55	0.99	3.46	-	-	-
09/17/87	2.12	1.87	2.63	2.67	1.90	3.55	-	-	-
09/18/87	2.72	2.40	2.97	3.55	2.92	4.50	-	-	-
09/19/87	2.31	2.10	2.46	4.12	3.01	5.48	-	-	-
09/20/87	2.65	2.28	2.92	3.08	1.77	5.08	-	-	-
09/21/87	2.74	2.63	2.90	2.81	2.26	3.49	-	-	-
09/22/87	2.71	2.44	2.91	4.42	3.22	5.57	-	-	-
09/23/87	3.35	2.71	3.54	4.70	3.67	6.15	-	-	-
09/24/87	2.59	2.33	3.14	4.53	3.14	6.20	-	-	-
09/25/87	2.47	2.22	2.65	3.38	2.65	4.88	-	-	-
09/26/87	2.26	2.20	2.33	1.95	1.17	3.35	-	-	-
09/27/87	2.13	2.02	2.33	2.15	1.45	2.64	-	-	-
09/28/87	2.22	2.08	2.28	1.56	0.97	2.25	-	-	-
09/29/87	2.13	2.02	2.24	1.12	0.62	1.76	-	-	-
09/30/87	2.08	2.00	2.09	0.56	0.44	0.79	-	-	-
10/01/87	2.16	2.03	2.22	0.86	0.34	1.63	-	-	-
10/02/87	2.13	2.05	2.22	0.89	0.53	1.29	-	-	-
10/03/87	2.25	2.16	2.31	1.40	0.47	2.40	-	-	-
10/04/87	2.21	2.13	2.27	1.59	1.00	2.37	-	-	-
10/05/87	2.21	2.08	2.44	1.75	1.19	2.46	-	-	-
10/06/87	2.22	2.08	2.32	1.66	0.12	3.25	-	-	-
10/07/87	2.20	2.07	2.36	1.32	0.32	2.60	-	-	-
10/08/87	2.37	2.31	2.49	2.10	0.87	3.41	-	-	-
10/09/87	2.36	2.31	2.39	1.94	1.20	2.73	-	-	-
10/10/87	2.28	2.24	2.35	1.45	0.34	2.95	-	-	-
10/11/87	2.26	2.18	2.45	2.23	0.26	3.75	-	-	-
10/12/87	2.25	2.19	2.52	2.79	0.17	3.90	-	-	-

MOORING=18A
LATITUDE=64-34.1'N
LONGITUDE=169-36.2'W

DAILY STATISTICS
INST DEPTH=19M
SONIC DEPTH=44M

BEGINNING: 07/09/87
ENDING: 10/19/87

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
10/13/87	2.47	2.18	2.59	1.09	0.18	3.71	-	-	-
10/14/87	2.36	2.32	2.43	2.23	1.53	2.99	-	-	-
10/15/87	2.32	2.24	2.38	2.48	1.65	3.48	-	-	-
10/16/87	2.31	2.24	2.36	2.53	1.46	3.38	-	-	-
10/17/87	1.11	0.17	2.34	0.65	0.31	2.31	-	-	-
10/18/87	0.03	-0.00	0.14	0.46	0.32	0.56	-	-	-
10/19/87	0.03	0.02	0.03	0.38	0.33	0.42	-	-	-

MOORING=18A
 LATITUDE=64-34.1'N
 LONGITUDE=169-36.2'W

DAILY STATISTICS
 INST DEPTH=40M
 SONIC DEPTH=44M

BEGINNING: 07/09/87
 ENDING: 10/19/87

DATE	TEMPERATURE (C)			CHL(UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
07/09/87	-0.48	-0.55	-0.35	2.05	1.28	2.80	1.456	1.290	1.691
07/10/87	-0.67	-0.73	-0.52	2.05	1.19	3.11	1.471	1.234	1.837
07/11/87	-0.64	-0.69	-0.56	2.07	1.30	3.29	1.639	1.396	2.195
07/12/87	-0.42	-0.59	-0.15	1.56	1.04	2.22	1.454	1.176	1.611
07/13/87	-0.29	-0.44	-0.07	1.60	0.61	2.40	1.355	1.094	1.716
07/14/87	-0.41	-0.50	-0.35	1.88	0.80	3.36	1.461	1.099	2.033
07/15/87	-0.60	-0.69	-0.48	2.23	1.16	3.44	1.530	1.185	2.062
07/16/87	-0.46	-0.58	-0.29	1.76	0.88	2.63	1.423	1.150	1.757
07/17/87	-0.17	-0.33	-0.06	1.16	0.50	2.22	1.266	.942	1.519
07/18/87	-0.43	-0.57	-0.19	2.05	1.05	3.62	1.682	1.360	2.497
07/19/87	-0.47	-0.58	-0.20	2.11	1.41	3.14	1.587	1.346	1.993
07/20/87	-0.36	-0.59	-0.05	2.05	1.02	3.47	1.645	1.123	2.541
07/21/87	-0.58	-0.75	-0.21	3.31	1.40	14.29	1.746	1.476	2.278
07/22/87	-0.50	-0.63	-0.42	2.76	2.19	3.37	1.720	1.529	2.006
07/23/87	-0.22	-0.42	0.01	2.97	1.95	4.20	1.891	1.348	2.650
07/24/87	0.62	0.04	1.01	2.56	0.67	7.06	1.799	.884	4.326
07/25/87	0.68	0.50	1.02	1.84	0.71	3.12	1.426	.844	2.496
07/26/87	0.66	0.50	0.79	2.01	1.21	3.33	1.484	1.004	2.256
07/27/87	0.66	0.40	0.89	2.15	1.12	3.90	1.623	1.203	3.037
07/28/87	0.72	0.63	0.77	1.50	0.86	2.16	1.467	1.156	2.060
07/29/87	0.57	0.28	0.75	1.83	0.68	3.60	1.499	.954	2.764
07/30/87	0.39	0.24	0.49	2.10	1.36	3.59	1.620	1.225	2.418
07/31/87	0.18	-0.03	0.48	2.13	0.86	3.37	1.847	1.298	3.263
08/01/87	0.56	0.11	1.01	1.45	0.63	2.67	1.452	1.059	1.933
08/02/87	0.71	0.54	0.81	1.18	0.70	1.95	1.347	1.156	1.646
08/03/87	0.66	0.48	0.78	1.30	0.86	1.83	1.417	1.142	1.825
08/04/87	0.37	0.23	0.61	1.04	0.36	2.70	1.307	.902	2.598
08/05/87	0.36	-0.04	0.59	0.90	0.44	1.51	1.345	1.019	1.830
08/06/87	0.52	0.36	0.68	0.52	0.20	0.90	1.072	.867	1.413
08/07/87	0.63	0.53	0.74	0.52	0.31	0.75	1.100	.951	1.375
08/08/87	0.61	0.38	0.76	0.63	0.34	0.88	1.148	.979	1.368
08/09/87	0.46	0.28	0.56	0.52	0.32	0.81	1.128	1.007	1.288
08/10/87	0.56	0.16	0.96	0.47	0.25	0.58	1.133	1.014	1.291
08/11/87	0.65	0.39	1.00	0.52	0.37	0.67	1.158	.897	1.271
08/12/87	0.75	0.68	0.95	0.53	0.35	0.66	1.257	1.027	1.455
08/13/87	0.58	0.37	0.97	0.49	0.28	0.67	1.304	1.052	2.003
08/14/87	1.09	0.95	1.45	0.36	0.21	0.49	1.335	1.073	2.235
08/15/87	1.12	0.85	1.57	0.48	0.31	0.65	1.318	1.078	1.616
08/16/87	0.75	0.52	1.00	0.51	0.30	0.76	1.331	1.049	1.465
08/17/87	0.42	0.29	0.60	0.60	0.35	0.95	1.421	1.233	1.782
08/18/87	1.61	0.28	2.09	0.44	0.28	0.70	1.424	1.063	1.691
08/19/87	2.02	1.82	2.27	0.39	0.21	0.64	1.572	1.006	2.169
08/20/87	2.13	1.90	2.34	0.34	0.00	0.51	1.624	1.294	2.076
08/21/87	2.10	1.71	2.36	0.43	0.25	0.68	1.540	1.015	1.832
08/22/87	1.60	1.40	1.92	0.33	0.11	0.51	1.549	1.063	1.845
08/23/87	1.22	0.99	1.49	0.28	0.05	0.51	1.423	1.056	1.788
08/24/87	1.34	1.01	1.82	0.24	0.07	0.45	1.627	1.324	1.993
08/25/87	1.69	1.60	1.74	0.19	0.07	0.35	1.513	1.285	2.009

MOORING=18A
 LATITUDE=64-34.1'N
 LONGITUDE=169-36.2'W

DAILY STATISTICS
 INST DEPTH=40M
 SONIC DEPTH=44M

BEGINNING: 07/09/87
 ENDING: 10/19/87

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
08/26/87	1.73	1.63	1.83	0.29	0.16	0.38	1.418	1.159	1.751
08/27/87	1.90	1.77	1.99	0.31	0.13	0.56	1.540	1.287	1.768
08/28/87	1.97	1.93	2.01	0.37	0.19	0.54	1.488	1.336	1.708
08/29/87	1.99	1.96	2.11	0.45	0.22	0.70	1.600	1.422	1.857
08/30/87	1.96	1.94	1.99	0.36	0.23	0.54	1.570	1.381	1.761
08/31/87	2.13	1.99	2.45	0.41	0.21	0.57	1.773	1.077	1.981
09/01/87	1.76	1.53	2.14	0.38	0.23	0.51	1.906	1.351	2.423
09/02/87	1.38	1.25	1.84	0.39	0.24	0.59	1.816	1.654	2.118
09/03/87	1.39	1.34	1.41	0.60	0.33	1.50	1.906	1.655	2.100
09/04/87	1.39	1.36	1.42	0.54	0.37	0.72	2.056	1.560	2.802
09/05/87	1.35	1.30	1.41	0.77	0.29	7.17	1.848	1.509	2.082
09/06/87	1.32	1.30	1.34	0.48	0.31	0.65	2.039	1.746	2.549
09/07/87	1.38	1.34	1.40	0.56	0.39	0.73	2.486	2.204	2.882
09/08/87	1.38	1.33	1.40	0.55	0.40	0.73	2.647	2.478	3.193
09/09/87	1.34	1.27	1.37	0.51	0.40	0.62	2.448	2.334	2.633
09/10/87	1.16	1.08	1.26	0.48	0.35	0.62	2.231	1.797	2.445
09/11/87	1.21	1.16	1.23	0.55	0.39	0.78	1.964	1.764	2.182
09/12/87	1.23	1.19	1.37	0.50	0.29	0.66	2.219	1.884	2.529
09/13/87	1.28	1.20	1.45	0.45	0.24	0.64	2.442	2.145	3.845
09/14/87	1.30	1.22	1.42	0.39	0.08	0.61	2.324	2.108	2.506
09/15/87	1.28	1.20	1.37	0.38	0.22	0.64	2.604	2.179	3.026
09/16/87	1.28	1.16	1.85	0.54	0.25	1.63	2.709	1.783	3.029
09/17/87	1.75	1.43	1.98	1.26	0.62	1.78	2.007	1.512	2.711
09/18/87	1.47	1.40	1.58	0.70	0.56	0.91	2.839	2.045	3.275
09/19/87	1.37	1.23	2.04	0.81	0.51	2.75	2.803	1.810	3.382
09/20/87	1.73	1.24	2.18	1.43	0.58	2.38	2.638	2.405	2.979
09/21/87	1.85	1.43	2.17	1.54	0.90	2.29	2.628	2.309	2.949
09/22/87	1.37	1.25	2.16	0.89	0.64	2.40	3.944	2.092	5.655
09/23/87	1.72	1.59	1.85	1.31	0.94	1.68	5.331	4.415	>6.0
09/24/87	1.98	1.54	2.52	2.88	0.99	5.80	3.742	2.164	5.169
09/25/87	2.10	1.71	2.33	3.26	1.87	4.34	3.158	2.230	4.435
09/26/87	2.33	2.27	2.39	1.89	1.29	2.58	2.221	2.021	2.615
09/27/87	2.15	1.70	2.46	2.36	1.44	3.82	3.007	2.090	>6.0
09/28/87	2.31	2.10	2.41	2.18	1.36	3.55	3.367	2.196	>6.0
09/29/87	2.20	2.02	2.27	1.85	0.98	2.80	3.963	2.545	>6.0
09/30/87	2.21	2.14	2.23	0.90	0.65	1.16	2.584	2.492	2.797
10/01/87	2.30	2.16	2.36	1.17	0.67	1.74	2.416	1.751	2.957
10/02/87	2.25	2.20	2.36	1.19	0.85	1.53	2.747	2.473	3.365
10/03/87	2.24	2.21	2.26	1.36	0.94	2.22	2.739	2.273	3.273
10/04/87	2.22	2.19	2.24	2.13	1.51	2.95	4.654	2.549	>6.0
10/05/87	2.23	2.18	2.30	2.19	1.47	2.90	4.671	3.801	5.449
10/06/87	2.20	2.17	2.26	1.38	0.66	2.19	3.909	2.865	>6.0
10/07/87	2.19	2.18	2.22	1.52	0.98	2.53	2.983	2.362	3.511
10/08/87	2.28	2.19	2.44	1.42	0.91	2.02	3.477	2.697	4.178
10/09/87	2.40	2.35	2.44	1.31	1.04	2.41	3.646	3.205	4.089
10/10/87	2.43	2.38	2.50	0.81	0.48	1.19	3.592	3.207	4.226
10/11/87	2.48	2.42	2.53	0.66	0.53	0.90	3.531	3.395	3.704
10/12/87	2.53	2.51	2.57	0.65	0.27	0.83	4.008	3.653	4.271

MOORING=18A
LATITUDE=64-34.1'N
LONGITUDE=169-36.2'W

DAILY STATISTICS
INST DEPTH=40M
SONIC DEPTH=44M

BEGINNING: 07/09/87
ENDING: 10/19/87

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
10/13/87	2.62	2.51	2.70	0.53	0.30	0.78	4.290	3.915	4.581
10/14/87	2.48	2.01	2.65	0.55	0.34	0.73	5.189	3.848	>6.0
10/15/87	2.58	2.49	2.66	0.77	0.52	1.18	5.688	5.013	>6.0
10/16/87	2.53	2.49	2.61	0.92	0.66	1.24	>6.0	5.602	>6.0
10/17/87	1.13	0.33	2.60	0.64	0.34	1.08	>6.0	5.718	>6.0
10/18/87	0.17	0.12	0.31	0.60	0.39	0.78	5.950	5.251	>6.0
10/19/87	0.19	0.17	0.23	0.61	0.54	0.70	>6.0	5.589	>6.0

MOORING=19A
 LATITUDE=64-36.9'N
 LONGITUDE=167-55.8'W

DAILY STATISTICS
 INST DEPTH=14M
 SONIC DEPTH=34M

BEGINNING: 07/09/87
 ENDING: 10/20/87

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
07/09/87	2.52	0.05	4.20	0.71	0.39	1.47	-	-	-
07/10/87	2.64	0.92	3.59	0.75	0.42	1.83	-	-	-
07/11/87	2.64	1.83	3.21	1.67	0.64	3.89	-	-	-
07/12/87	2.80	1.15	3.79	3.36	1.89	5.67	-	-	-
07/13/87	3.06	1.59	4.58	2.90	1.67	7.12	-	-	-
07/14/87	3.06	2.82	3.57	0.78	0.30	2.88	-	-	-
07/15/87	3.24	2.98	3.65	0.52	0.34	0.90	-	-	-
07/16/87	3.90	2.67	5.27	0.40	0.22	0.62	-	-	-
07/17/87	1.71	-0.46	4.28	0.54	0.31	1.15	-	-	-
07/18/87	2.82	0.74	3.83	0.46	0.28	0.59	-	-	-
07/19/87	1.07	0.48	2.99	1.54	0.40	2.94	-	-	-
07/20/87	1.62	0.75	3.63	0.77	0.38	1.18	-	-	-
07/21/87	2.95	1.23	4.61	0.83	0.31	1.57	-	-	-
07/22/87	2.78	1.00	4.59	1.03	0.32	2.30	-	-	-
07/23/87	4.46	3.84	5.38	0.63	0.31	1.02	-	-	-
07/24/87	4.75	3.94	5.60	0.64	0.29	1.09	-	-	-
07/25/87	4.05	1.54	5.26	0.65	0.43	1.35	-	-	-
07/26/87	5.23	4.57	6.24	0.57	0.29	0.86	-	-	-
07/27/87	3.32	0.23	5.75	0.52	0.26	0.96	-	-	-
07/28/87	4.92	1.65	6.64	0.49	0.23	0.86	-	-	-
07/29/87	5.68	4.56	7.44	0.56	0.24	0.88	-	-	-
07/30/87	4.19	3.05	6.39	0.57	0.30	1.66	-	-	-
07/31/87	4.49	3.76	4.86	0.48	0.30	0.75	-	-	-
08/01/87	3.97	2.82	5.44	0.46	0.25	0.64	-	-	-
08/02/87	3.56	2.53	6.96	0.49	0.12	0.76	-	-	-
08/03/87	5.28	3.16	6.25	0.34	0.01	0.74	-	-	-
08/04/87	5.66	2.95	8.21	0.43	0.13	1.00	-	-	-
08/05/87	7.12	5.26	8.42	0.32	0.17	0.48	-	-	-
08/06/87	8.01	7.49	8.31	0.43	0.12	0.68	-	-	-
08/07/87	6.73	4.85	8.05	0.24	0.02	0.43	-	-	-
08/08/87	7.29	5.75	8.30	0.22	0.08	0.68	-	-	-
08/09/87	4.84	2.51	6.42	0.17	0.01	0.36	-	-	-
08/10/87	5.11	2.91	6.75	0.45	0.09	1.84	-	-	-
08/11/87	2.31	1.17	6.07	1.86	0.37	3.46	-	-	-
08/12/87	0.89	0.31	2.15	1.92	1.19	2.95	-	-	-
08/13/87	4.34	0.09	7.22	0.92	0.36	2.86	-	-	-
08/14/87	7.66	3.81	8.55	0.38	0.15	0.70	-	-	-
08/15/87	5.44	-0.10	7.82	0.36	0.06	1.12	-	-	-
08/16/87	1.63	-0.13	6.80	1.95	0.38	3.31	-	-	-
08/17/87	3.09	0.41	6.92	1.06	0.46	2.93	-	-	-
08/18/87	0.68	0.42	1.12	1.90	0.64	3.17	-	-	-
08/19/87	2.95	1.03	4.67	0.77	0.29	1.74	-	-	-
08/20/87	6.00	4.49	7.74	1.17	0.32	3.48	-	-	-
08/21/87	5.88	3.90	7.59	0.87	0.30	2.01	-	-	-
08/22/87	3.42	1.11	6.23	1.23	0.48	2.19	-	-	-
08/23/87	1.65	0.91	4.66	1.90	0.53	2.75	-	-	-
08/24/87	5.72	3.10	8.03	0.82	0.42	1.49	-	-	-
08/25/87	4.82	2.37	7.75	0.91	0.56	1.54	-	-	-

MOORING=19A
 LATITUDE=64-36.9'N
 LONGITUDE=167-55.8'W

DAILY STATISTICS
 INST DEPTH=14M
 SONIC DEPTH=34M

BEGINNING: 07/09/87
 ENDING: 10/20/87

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
08/26/87	3.71	2.51	5.15	1.77	1.07	3.79	-	-	-
08/27/87	3.46	2.44	4.70	1.36	0.67	2.55	-	-	-
08/28/87	3.67	3.10	5.39	0.86	0.50	2.67	-	-	-
08/29/87	5.48	3.80	6.43	0.85	0.49	1.64	-	-	-
08/30/87	6.41	5.58	7.16	0.68	0.49	1.01	-	-	-
08/31/87	6.37	4.62	7.38	0.70	0.31	1.10	-	-	-
09/01/87	6.88	4.94	8.07	0.74	0.33	1.37	-	-	-
09/02/87	6.19	4.21	8.71	0.92	0.46	1.90	-	-	-
09/03/87	6.81	4.96	8.74	2.68	0.62	7.25	-	-	-
09/04/87	7.70	7.13	8.05	0.59	0.35	1.32	-	-	-
09/05/87	7.20	6.98	7.32	0.38	0.26	0.52	-	-	-
09/06/87	6.90	6.53	7.17	0.41	0.29	0.55	-	-	-
09/07/87	6.07	5.89	6.50	0.46	0.25	1.05	-	-	-
09/08/87	5.97	5.86	6.14	0.41	0.28	0.79	-	-	-
09/09/87	6.03	5.79	6.17	0.43	0.22	0.60	-	-	-
09/10/87	5.91	5.68	6.13	0.51	0.23	0.91	-	-	-
09/11/87	5.91	5.80	6.23	0.69	0.45	0.99	-	-	-
09/12/87	5.86	5.61	6.33	0.51	0.39	0.75	-	-	-
09/13/87	6.08	5.90	6.25	1.25	0.72	1.77	-	-	-
09/14/87	5.63	4.26	6.26	0.91	0.50	1.40	-	-	-
09/15/87	5.85	5.63	6.00	0.55	0.35	0.81	-	-	-
09/16/87	5.17	4.86	5.80	0.51	0.26	0.87	-	-	-
09/17/87	5.01	4.79	5.26	0.55	0.39	0.79	-	-	-
09/18/87	4.92	4.62	5.30	0.67	0.49	0.80	-	-	-
09/19/87	4.87	4.17	5.31	0.74	0.40	1.40	-	-	-
09/20/87	4.94	4.74	5.25	1.05	0.54	1.48	-	-	-
09/21/87	4.54	4.40	4.75	2.20	1.16	3.19	-	-	-
09/22/87	4.38	3.94	4.73	0.68	0.15	2.55	-	-	-
09/23/87	4.39	3.76	4.76	0.67	0.32	1.23	-	-	-
09/24/87	4.69	4.56	4.82	0.60	0.18	0.97	-	-	-
09/25/87	4.57	4.51	4.68	0.44	0.17	0.81	-	-	-
09/26/87	4.64	4.54	4.71	0.33	0.17	0.52	-	-	-
09/27/87	4.73	4.63	4.93	0.62	0.22	0.89	-	-	-
09/28/87	4.56	3.97	4.95	0.50	0.11	0.88	-	-	-
09/29/87	4.40	3.74	5.07	0.25	0.10	0.47	-	-	-
09/30/87	4.49	3.68	4.88	0.58	0.25	0.90	-	-	-
10/01/87	3.44	2.62	4.85	0.48	0.28	0.74	-	-	-
10/02/87	2.66	2.39	2.99	0.38	0.19	0.54	-	-	-
10/03/87	2.96	2.66	3.46	0.29	0.22	0.36	-	-	-
10/04/87	2.77	2.46	3.28	0.38	0.21	0.61	-	-	-
10/05/87	2.82	2.44	4.17	0.93	0.44	2.64	-	-	-
10/06/87	2.58	2.41	4.00	0.82	0.38	3.16	-	-	-
10/07/87	2.45	2.13	3.96	0.99	0.35	5.88	-	-	-
10/08/87	3.90	3.65	4.07	4.23	3.01	6.18	-	-	-
10/09/87	3.78	3.55	4.04	4.75	3.26	6.14	-	-	-
10/10/87	3.61	3.45	3.78	5.58	4.02	7.19	-	-	-
10/11/87	3.40	3.31	3.49	5.80	3.59	6.70	-	-	-
10/12/87	3.35	2.86	3.59	4.75	2.73	6.56	-	-	-

MOORING=19A
LATITUDE=64-36.9'N
LONGITUDE=167-55.8'W

DAILY STATISTICS
INST DEPTH=14M
SONIC DEPTH=34M

BEGINNING: 07/09/87
ENDING: 10/20/87

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
10/13/87	3.25	2.84	3.53	2.79	0.59	3.88	-	-	-
10/14/87	3.57	3.53	3.63	3.23	2.40	4.06	-	-	-
10/15/87	3.98	3.63	4.28	1.76	0.33	3.31	-	-	-
10/16/87	4.44	4.29	4.63	0.78	0.05	1.49	-	-	-
10/17/87	4.63	4.60	4.67	0.66	0.00	1.24	-	-	-
10/18/87	4.52	4.45	4.65	0.94	0.77	1.27	-	-	-
10/19/87	4.41	4.35	4.45	0.81	0.63	1.03	-	-	-
10/20/87	4.32	4.25	4.37	0.86	0.65	1.05	-	-	-

MOORING=19A
 LATITUDE=64-36.9'N
 LONGITUDE=167-55.8'W

DAILY STATISTICS
 INST DEPTH=30M
 SONIC DEPTH=34M

BEGINNING: 07/09/87
 ENDING: 10/20/87

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
07/09/87	-	-	-	-	-	-	-	-	-
07/10/87	0.35	0.26	0.41	4.67	3.95	5.52	2.445	2.254	2.636
07/11/87	0.39	0.21	0.62	5.76	5.13	6.39	2.496	2.440	2.552
07/12/87	0.67	0.55	0.86	-	-	-	2.537	2.380	2.693
07/13/87	0.55	0.48	0.78	6.65	4.48	8.09	2.739	2.402	2.897
07/14/87	0.70	0.38	0.88	6.83	5.19	7.78	2.633	2.247	2.783
07/15/87	0.85	0.82	0.86	5.89	4.61	6.72	2.402	2.235	2.628
07/16/87	0.80	0.77	0.83	6.34	5.67	7.24	2.596	2.528	2.646
07/17/87	0.58	0.42	0.73	5.05	4.20	5.64	2.283	2.070	2.435
07/18/87	-	-	-	-	-	-	-	-	-
07/19/87	0.54	0.46	0.57	3.45	2.72	4.82	1.873	1.665	2.272
07/20/87	0.67	0.64	0.70	2.95	2.95	2.95	1.586	1.586	1.586
07/21/87	0.93	0.92	0.93	3.65	3.49	3.81	1.985	1.944	2.047
07/22/87	0.96	0.87	1.05	4.11	3.64	4.49	2.004	1.899	2.081
07/23/87	0.89	0.89	0.89	4.15	4.15	4.15	-	-	-
07/24/87	-	-	-	-	-	-	-	-	-
07/25/87	-	-	-	-	-	-	-	-	-
07/26/87	2.03	2.03	2.03	4.94	4.94	4.94	2.026	2.026	2.026
07/27/87	-	-	-	-	-	-	-	-	-
07/28/87	-	-	-	-	-	-	-	-	-
07/29/87	-	-	-	-	-	-	-	-	-
07/30/87	-	-	-	-	-	-	-	-	-
07/31/87	0.74	0.63	0.84	5.43	4.43	7.10	2.928	2.585	3.552
08/01/87	0.87	0.80	0.95	4.85	4.59	5.05	2.484	2.340	2.536
08/02/87	0.97	0.92	1.02	5.01	4.64	5.46	3.080	2.862	3.275
08/03/87	0.94	0.66	1.17	4.89	4.54	5.16	2.881	2.537	3.179
08/04/87	1.66	1.44	1.87	5.40	4.68	5.74	2.919	2.869	2.975
08/05/87	1.46	1.46	1.46	4.34	4.34	4.34	2.573	2.573	2.573
08/06/87	1.63	1.63	1.63	4.47	4.47	4.47	2.652	2.652	2.652
08/07/87	-	-	-	-	-	-	-	-	-
08/08/87	-	-	-	-	-	-	-	-	-
08/09/87	0.78	0.66	1.02	4.99	3.76	5.67	2.330	2.213	2.438
08/10/87	0.86	0.71	1.13	5.56	5.51	5.62	2.578	2.339	2.818
08/11/87	-	-	-	-	-	-	-	-	-
08/12/87	0.19	0.19	0.19	4.96	4.96	4.96	-	-	-
08/13/87	0.30	0.06	0.45	5.20	5.20	5.20	2.319	2.319	2.319
08/14/87	-	-	-	-	-	-	-	-	-
08/15/87	-0.14	-0.26	0.28	4.90	4.34	5.66	2.240	2.003	2.473
08/16/87	-0.06	-0.21	0.20	5.77	3.88	8.39	2.605	1.727	3.887
08/17/87	0.42	0.42	0.42	4.92	4.12	5.72	2.494	2.433	2.555
08/18/87	0.53	0.52	0.55	5.42	5.34	5.52	2.108	2.066	2.138
08/19/87	-	-	-	-	-	-	-	-	-
08/20/87	0.41	0.33	0.53	5.11	4.87	5.35	-	-	-
08/21/87	-	-	-	-	-	-	-	-	-
08/22/87	0.75	0.54	1.04	4.58	4.16	5.23	1.866	1.720	1.964
08/23/87	-	-	-	-	-	-	-	-	-
08/24/87	-	-	-	-	-	-	-	-	-
08/25/87	-	-	-	-	-	-	-	-	-

MOORING=19A
 LATITUDE=64-36.9'N
 LONGITUDE=167-55.8'W

DAILY STATISTICS
 INST DEPTH=30M
 SONIC DEPTH=34M

BEGINNING: 07/09/87
 ENDING: 10/20/87

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
08/26/87	-	-	-	-	-	-	-	-	-
08/27/87	-	-	-	-	-	-	-	-	-
08/28/87	-	-	-	-	-	-	-	-	-
08/29/87	-	-	-	-	-	-	-	-	-
08/30/87	1.98	1.98	1.98	2.36	2.36	2.36	1.749	1.749	1.749
08/31/87	1.21	0.92	1.41	2.77	2.31	3.66	1.855	1.847	1.866
09/01/87	1.11	0.91	1.58	2.36	2.16	2.55	1.956	1.798	2.195
09/02/87	1.78	1.39	2.31	2.81	2.63	3.04	1.943	1.854	2.089
09/03/87	1.72	1.49	1.91	2.93	2.54	3.19	1.828	1.779	1.869
09/04/87	1.72	1.52	1.77	3.01	2.60	3.71	2.016	1.943	2.197
09/05/87	2.12	1.78	2.46	2.83	2.51	3.08	1.917	1.794	2.009
09/06/87	1.86	1.78	1.94	2.72	2.44	2.93	1.921	1.781	2.155
09/07/87	1.99	1.73	2.21	2.85	2.65	3.11	3.870	2.767	5.337
09/08/87	2.48	2.25	2.75	2.74	2.41	2.99	2.834	2.547	3.704
09/09/87	2.47	2.37	2.59	2.61	2.43	2.74	2.356	2.246	2.551
09/10/87	2.09	1.89	2.38	2.71	2.35	3.05	2.140	2.026	2.273
09/11/87	1.69	1.51	1.75	2.87	2.65	3.89	2.099	1.980	2.204
09/12/87	1.46	1.39	1.50	2.94	2.79	3.09	3.478	3.172	3.784
09/13/87	3.01	2.45	3.24	2.58	2.53	2.64	3.165	3.012	3.318
09/14/87	2.50	2.41	2.81	2.63	2.54	2.79	2.844	2.822	2.861
09/15/87	2.46	2.35	2.70	2.63	2.55	2.77	2.881	2.792	2.947
09/16/87	2.47	2.45	2.49	2.50	2.49	2.50	2.368	2.368	2.368
09/17/87	2.34	2.26	2.43	2.45	2.31	2.56	2.479	2.420	2.537
09/18/87	2.37	2.32	2.42	2.66	2.47	3.16	2.699	2.653	2.768
09/19/87	2.08	2.08	2.08	-	-	-	-	-	-
09/20/87	2.63	2.53	2.70	3.44	3.00	3.86	2.528	2.286	2.701
09/21/87	2.46	2.36	2.52	3.14	2.89	3.61	2.279	2.153	2.354
09/22/87	2.57	2.44	3.00	3.15	2.87	3.61	2.602	2.115	3.102
09/23/87	2.67	2.65	2.73	2.67	2.52	2.78	3.281	3.120	3.420
09/24/87	2.84	2.68	2.89	2.47	2.33	2.64	3.214	3.085	3.290
09/25/87	2.93	2.90	2.97	2.47	2.46	2.49	3.163	2.973	3.278
09/26/87	2.92	2.90	2.97	2.50	2.37	2.70	3.086	3.048	3.117
09/27/87	2.57	2.37	2.94	2.77	2.56	2.92	4.648	2.974	5.910
09/28/87	2.49	2.42	2.53	2.84	2.70	3.10	3.785	3.147	5.072
09/29/87	2.54	2.52	2.55	2.73	2.56	3.16	3.167	3.003	3.490
09/30/87	2.52	2.48	2.56	2.52	2.32	2.72	3.428	3.078	4.121
10/01/87	2.29	1.99	2.51	2.68	2.40	3.25	4.080	3.616	4.910
10/02/87	1.76	1.72	2.02	2.71	2.53	2.91	4.576	3.970	4.937
10/03/87	2.08	1.81	2.35	2.57	2.34	2.84	3.944	3.524	4.675
10/04/87	2.50	2.41	2.59	2.68	2.27	3.37	5.337	4.856	>6.0
10/05/87	2.43	2.41	2.45	2.68	2.41	2.85	4.698	4.624	4.770
10/06/87	2.36	2.33	2.39	2.44	2.31	2.53	4.736	4.725	4.749
10/07/87	2.26	2.25	2.29	2.46	2.41	2.50	4.658	4.656	4.659
10/08/87	2.07	2.06	2.11	2.36	2.06	2.73	5.080	4.902	5.310
10/09/87	2.16	2.13	2.19	2.48	2.41	2.59	5.093	5.055	5.141
10/10/87	2.37	2.34	2.40	2.49	2.33	2.59	5.246	5.114	5.425
10/11/87	2.27	2.16	2.36	2.44	2.18	2.64	5.611	5.164	>6.0
10/12/87	2.04	2.03	2.08	2.36	2.25	2.56	4.938	4.688	5.297

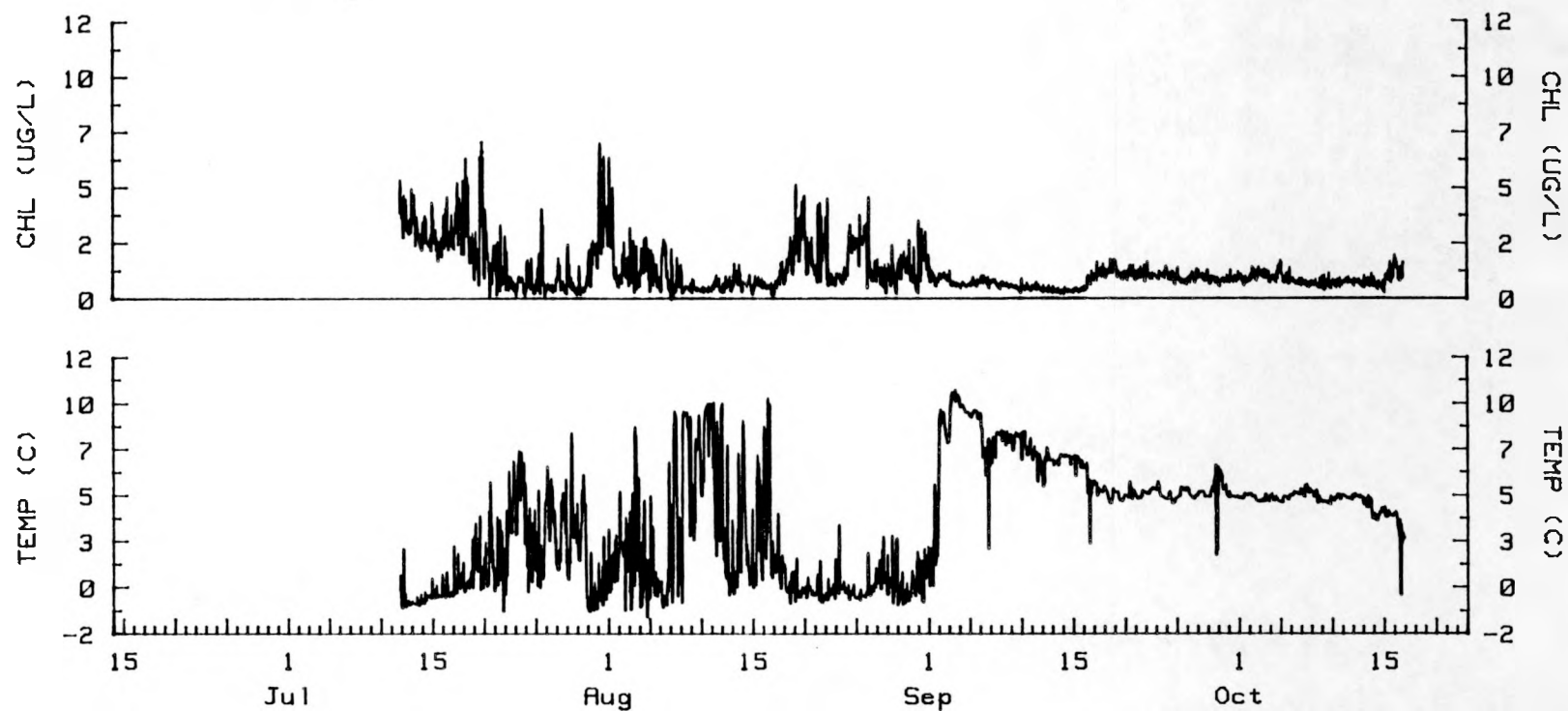
MOORING=19A
LATITUDE=64-36.9'N
LONGITUDE=167-55.8'W

DAILY STATISTICS
INST DEPTH=30M
SONIC DEPTH=34M

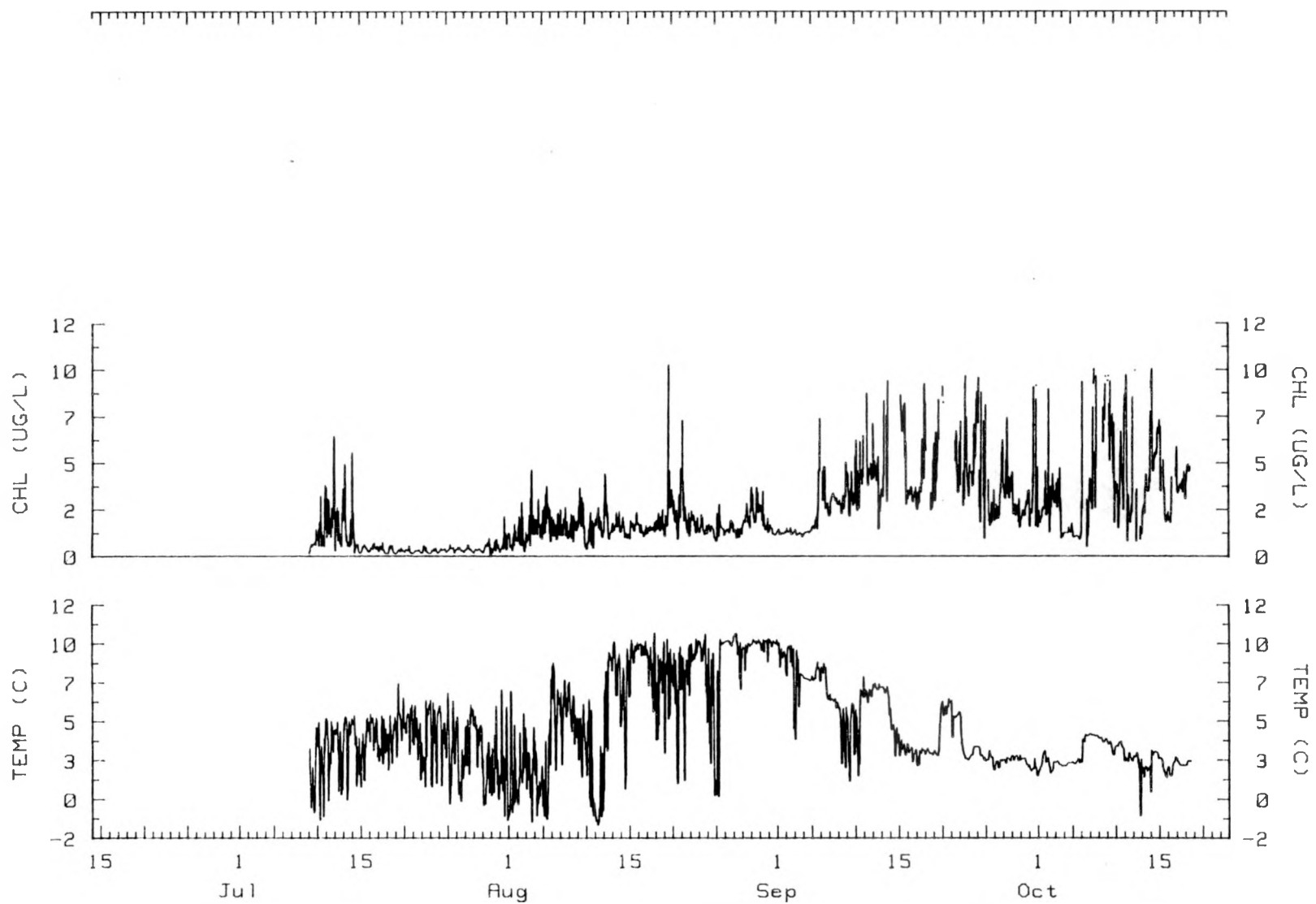
BEGINNING: 07/09/87
ENDING: 10/20/87

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
10/13/87	2.09	2.04	2.37	2.53	2.03	4.56	4.679	3.906	5.660
10/14/87	2.92	2.77	3.31	3.65	3.25	4.63	5.497	3.929	>6.0
10/15/87	3.92	3.89	3.94	4.08	3.92	4.24	>6.0	>6.0	>6.0
10/16/87	4.28	4.24	4.31	3.60	3.50	3.69	>6.0	>6.0	>6.0
10/17/87	4.57	4.57	4.57	3.34	3.34	3.34	>6.0	>6.0	>6.0
10/18/87	4.42	4.42	4.42	2.92	2.92	2.92	-	-	-
10/19/87	4.32	4.32	4.32	2.86	2.86	2.86	>6.0	>6.0	>6.0
10/20/87	-	-	-	-	-	-	-	-	-

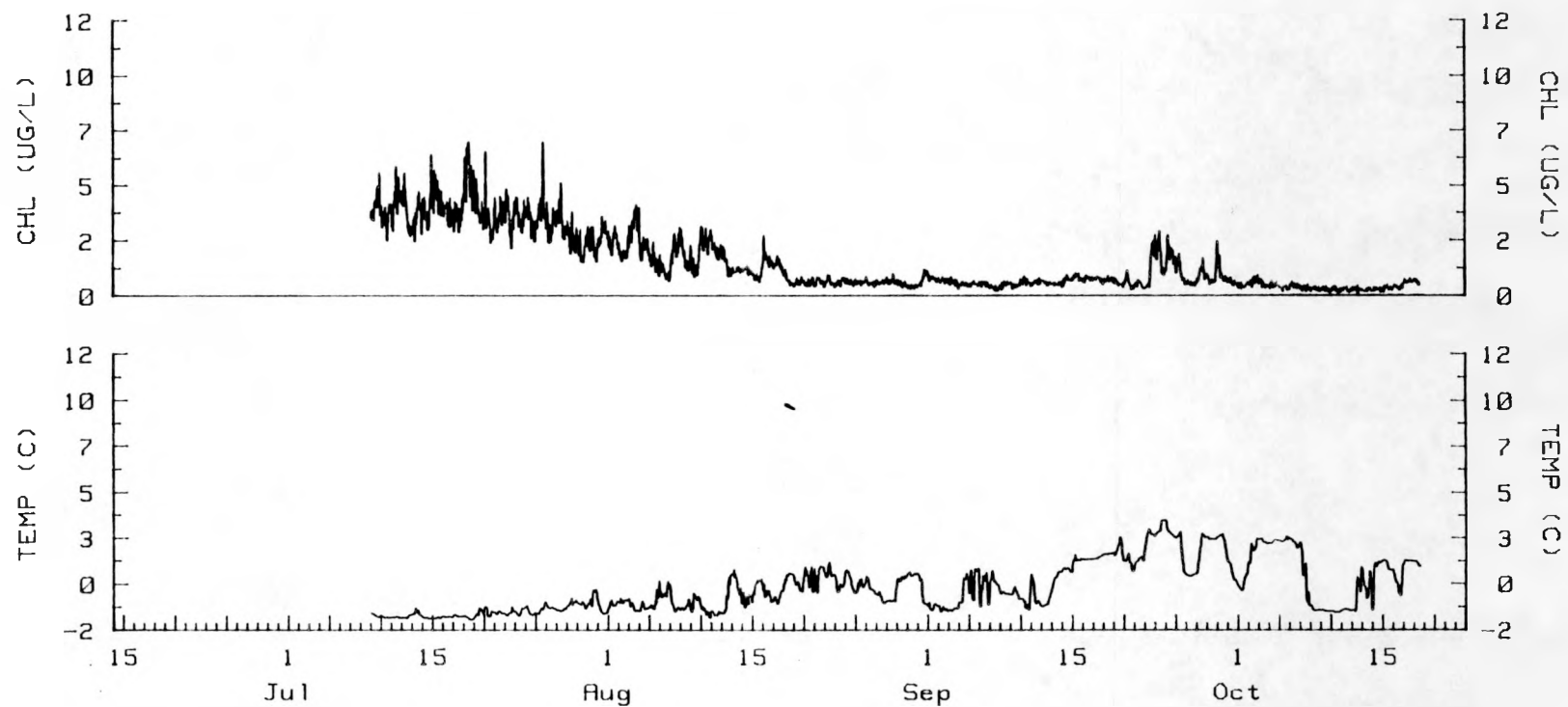
ISHTAR 1987 moorings:
Time series plots of chlorophyll a, temperature, and beam attenuation



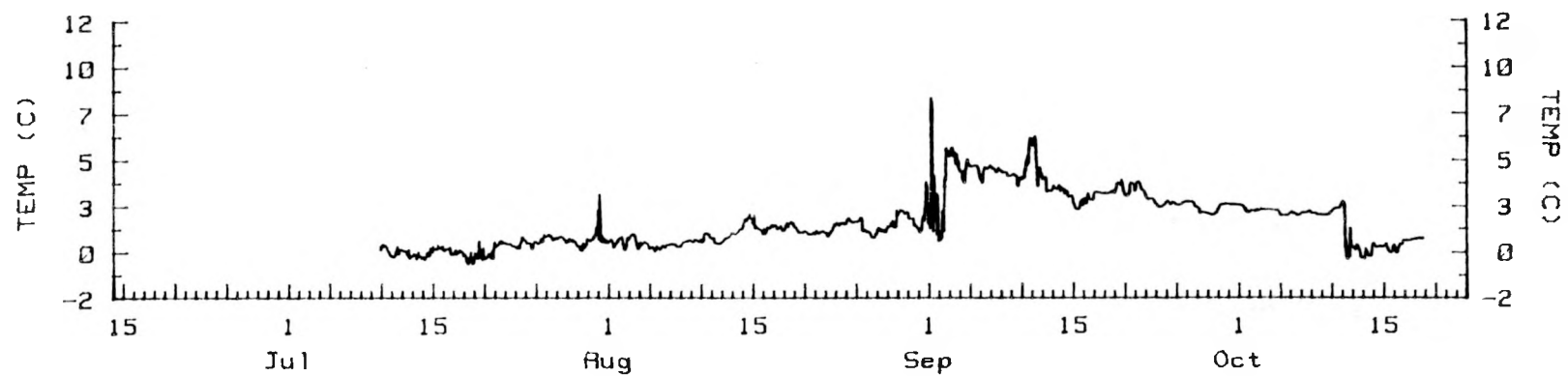
ISHTAR 1987, MOORING: 03C LAT: 62-48.9'N, LON: 168-39.7'W
SONIC DEPTH: 43M, INST DEPTH: 15M, FILTER: 2HLP



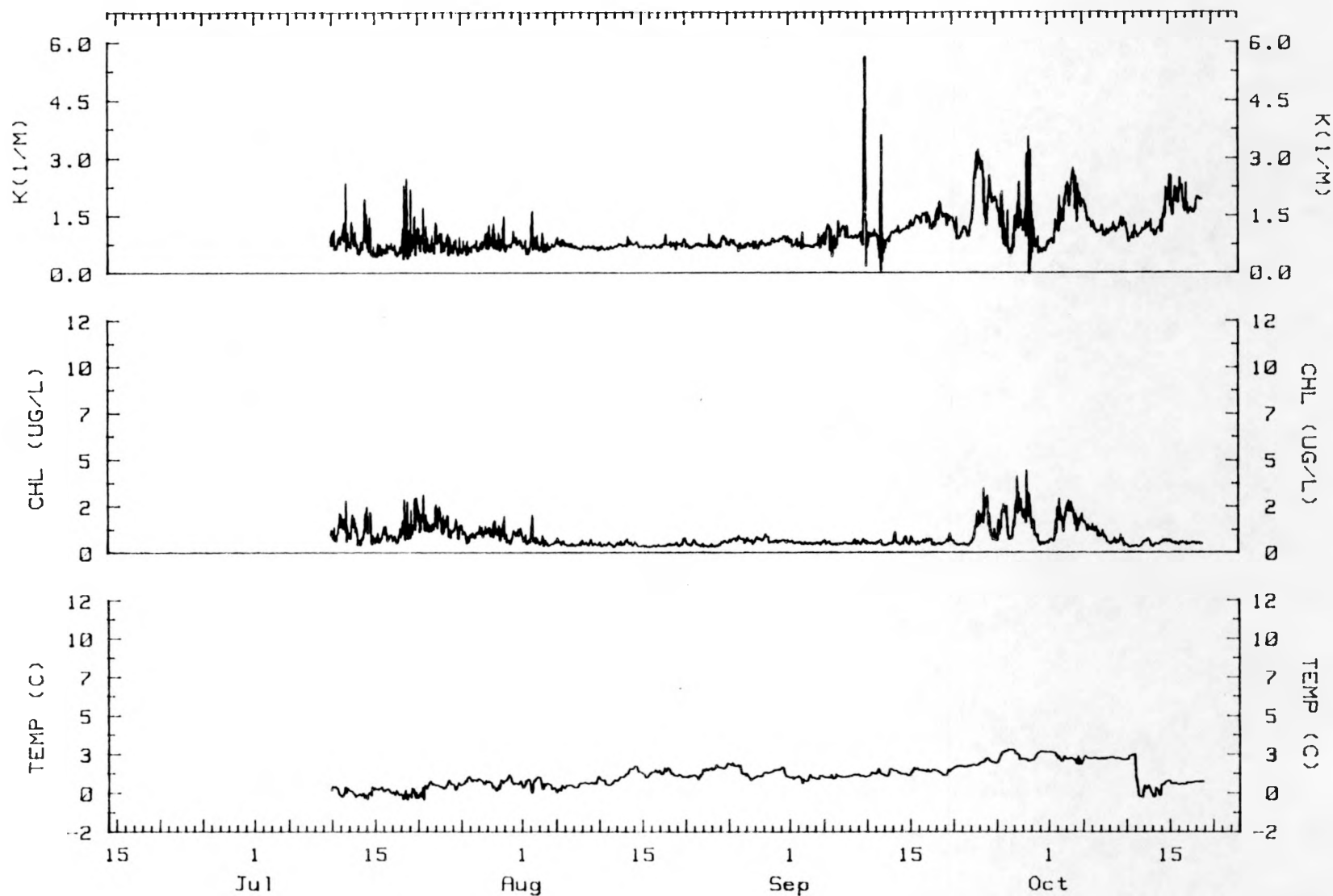
ISHTAR 1987, MOORING: 07C LAT: 63-57.1'N, LON: 172-06.4'W
SONIC DEPTH: 53M, INST DEPTH: 15M, FILTER: 2HLP



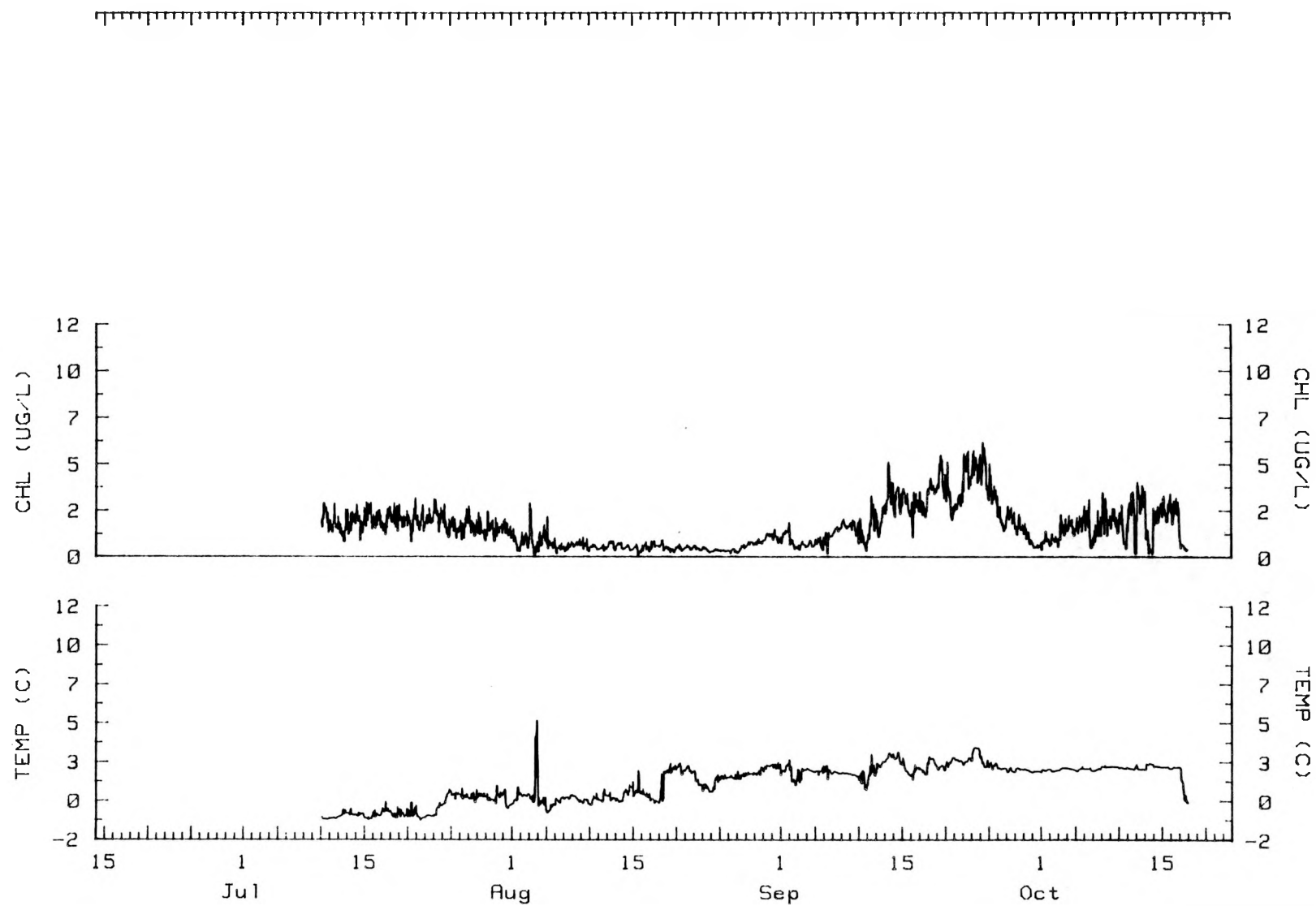
ISHTAR 1987, MOORING: 07C LAT:63-57.1'N, LON:172-06.4'W
SONIC DEPTH: 53M, INST DEPTH: 49M, FILTER: 2HLP



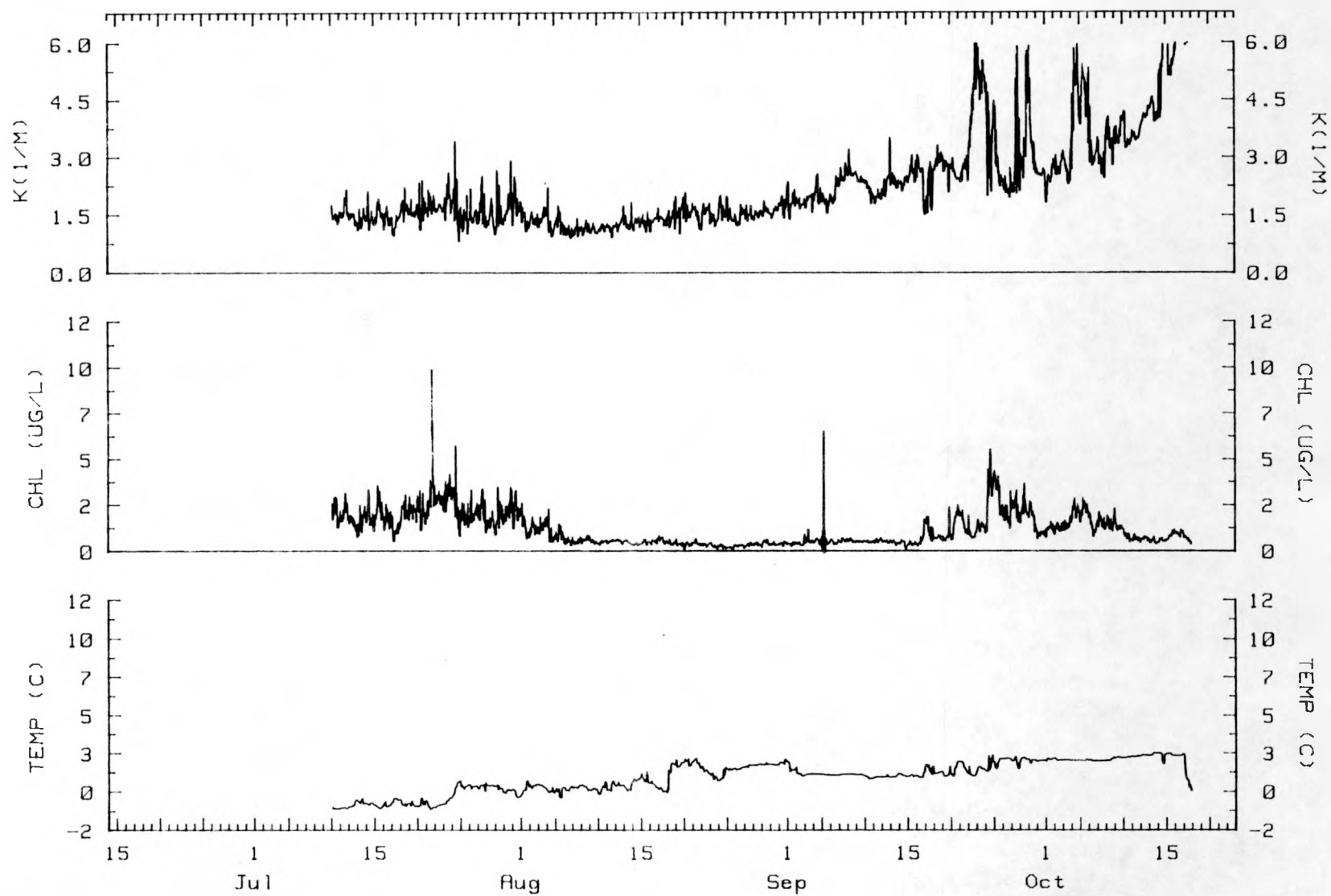
ISHTAR 1987, MOORING: 08C LAT: 64-37.0'N, LON: 170-52.2'W
SONIC DEPTH: 45M, INST DEPTH: 16M, FILTER: 2HLP



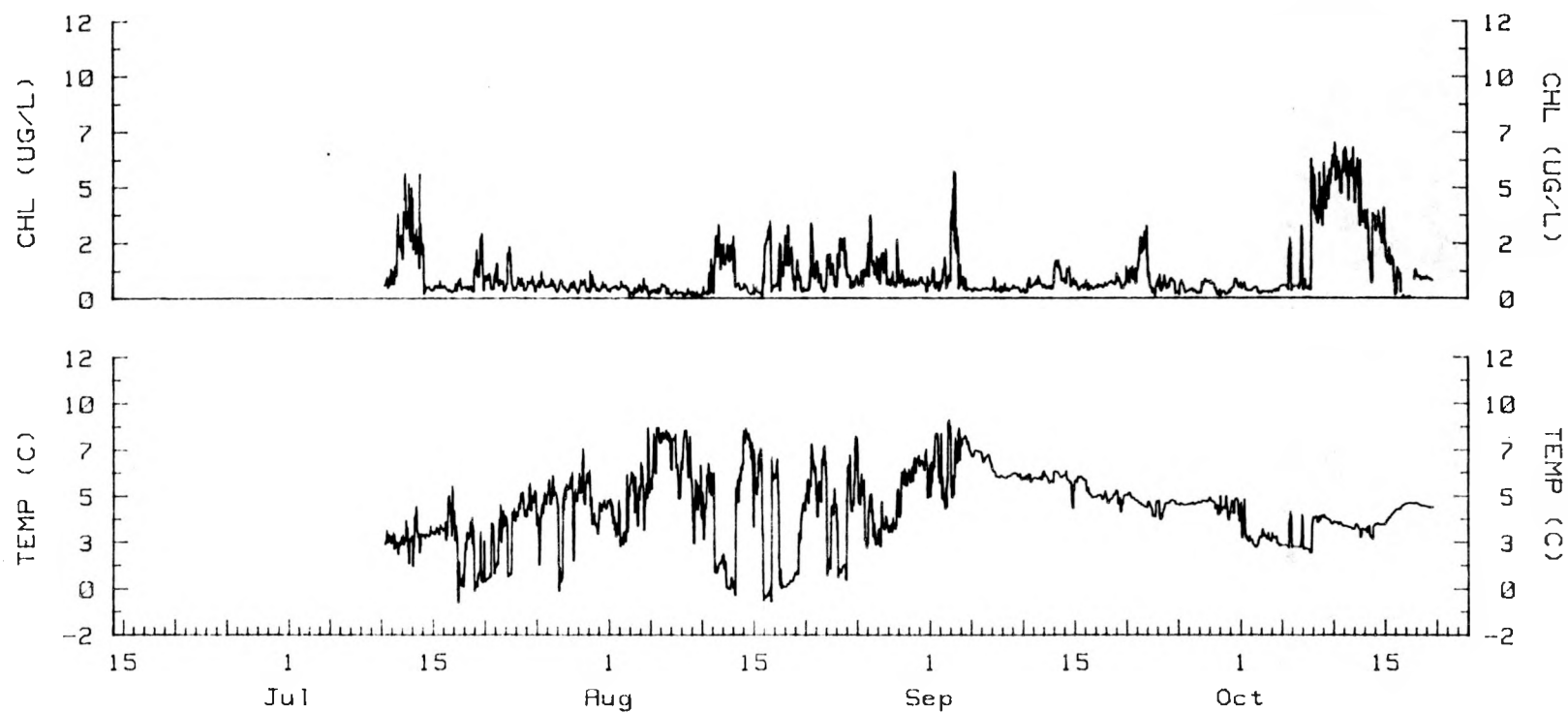
ISHTAR 1987, MOORING: 08C LAT: 64-37.0'N, LON: 170-52.2'W
SONIC DEPTH: 45M, INST DEPTH: 30M, FILTER: 2HLP



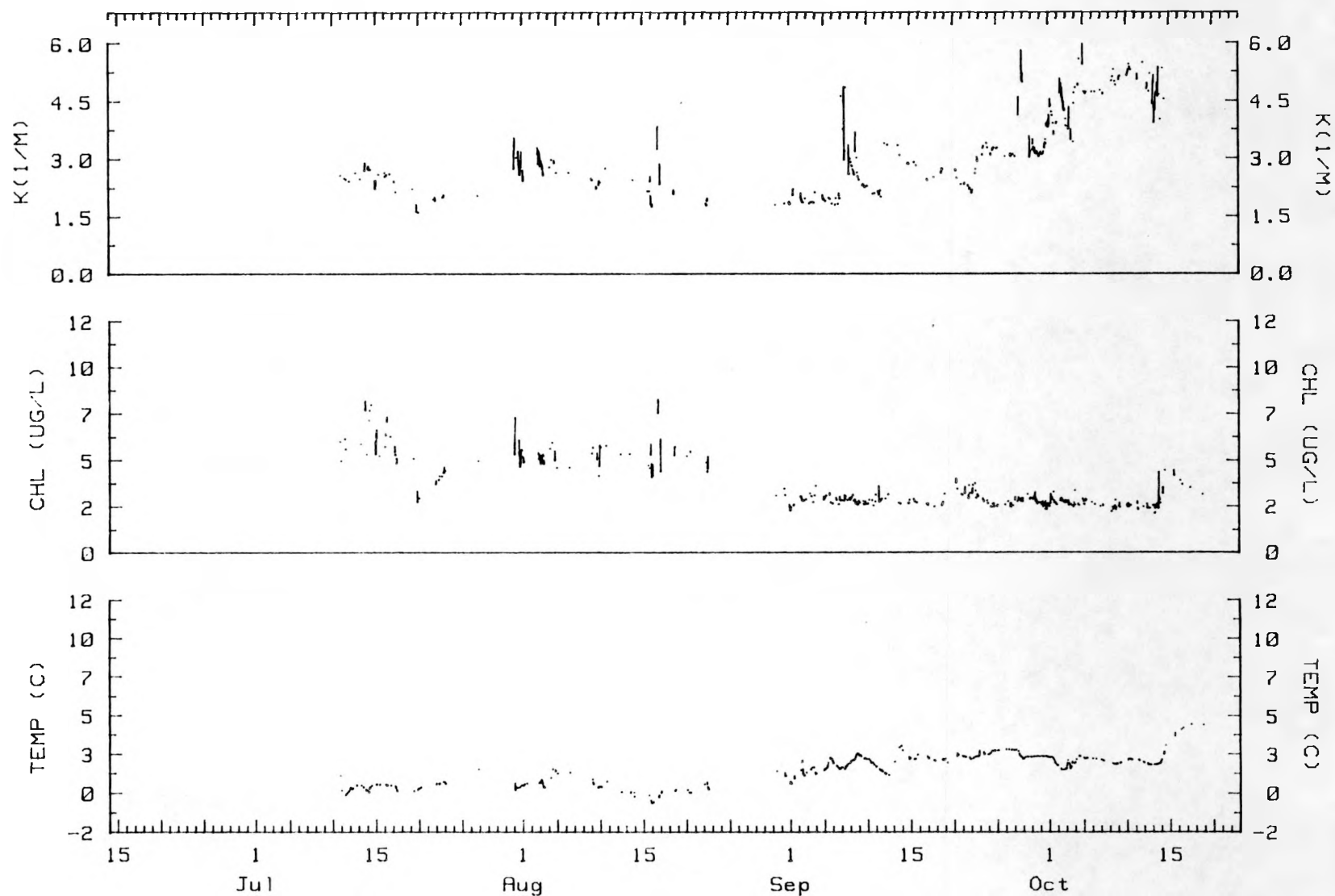
ISHTAR 1987, MOORING: 18A LAT:64-34.1'N, LON:169-36.2'W
SONIC DEPTH: 44M, INST DEPTH: 19M, FILTER: 2HLP



ISHTAR 1987, MOORING: 18A LAT: 64-34.1'N, LON: 169-36.2'W
SONIC DEPTH: 44M, INST DEPTH: 40M, FILTER: 2HLP



ISHTAR 1987, MOORING: 19A LAT: 64-36.9'N, LON: 167-55.8'W
SONIC DEPTH: 34M, INST DEPTH: 14M, FILTER: 2HLP



ISHTAR 1987, MOORING: 19A LAT: 64-36.9'N, LON: 167-55.8'W
SONIC DEPTH: 34M, INST DEPTH: 30M, FILTER: 2HLP

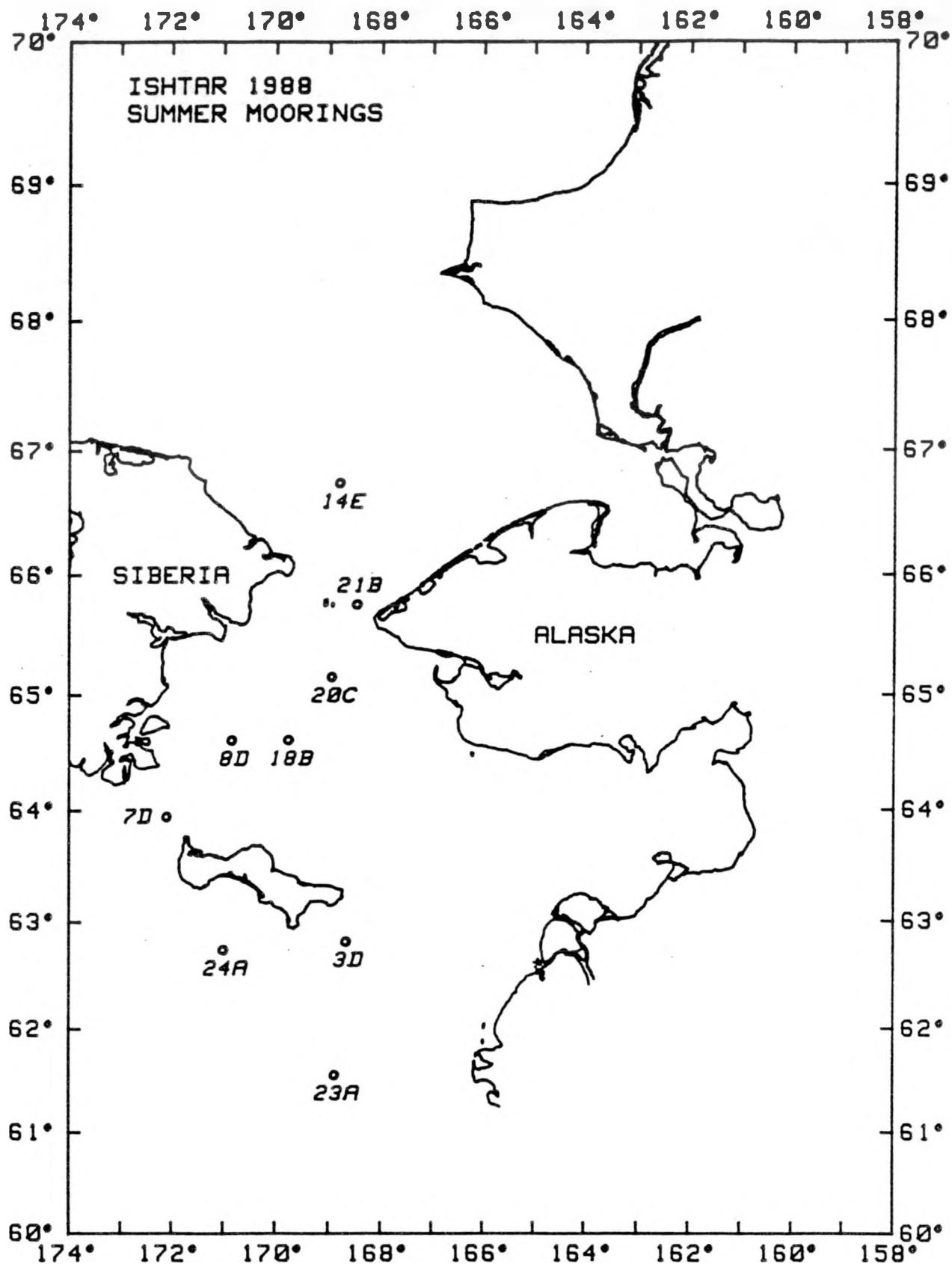


Figure 5. ISHTAR 1988 mooring locations.

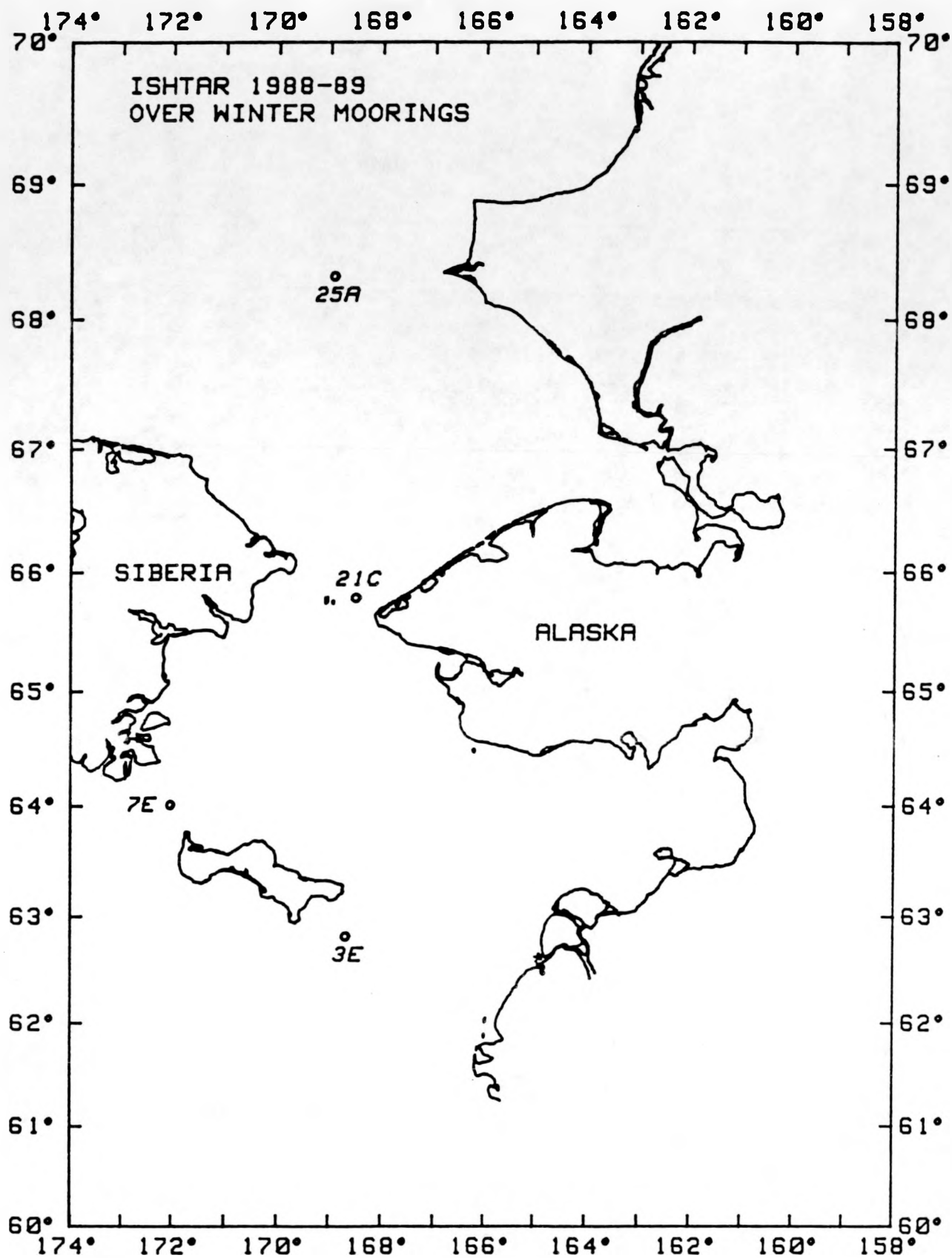


Figure 6. ISHTAR 1988-89 mooring locations.

Table 10. Locations of the 1988 summer and the 1988-89 winter ISHTAR moorings.

1988 MOORING SUMMARY

Mooring ID	Latitude °N	Longitude °W	Sounding (m)	Deployed mm/dd/yy	Recovered mm/dd/yy
ISH-03D	62° 49.5'	68° 39.7'	33.0	06/14/88	10/04/88
ISH-07D	63° 57.0'	172° 06.1'	55.0	06/18/88	10/04/88
ISH-08D	64° 37.0'	170° 50.4'	47.0	06/19/88	10/03/88
ISH-18B	64° 37.2'	169° 45.2'	46.0	06/19/88	10/02/88
ISH-21B	65° 45.8'	168° 27.7'	56.0	06/22/88	10/07/88
ISH-3E	62° 49.2'	168° 40.7'	42.5	10/04/88	07/12/89
ISH-7E	64° 00.9'	172° 02.5'	55.0	10/04/88	07/13/89
ISH-21C	64° 47.8'	168° 29.8'	57.0	10/08/88	Lost

Table 11. Performance of moored fluorometer sensors during the 1988 summer and the 1988-89 winter deployments.

1988 and 1988-1989 SENSOR PERFORMANCE

Mooring ID	Sounding (m)	Sensor	Depth (m)	Start mm/dd/yy	Stop mm/dd/yy
ISH-3D	41	FL	13	06/14/88	10/04/88
		T	13	06/14/88	10/04/88
		FL	35	06/14/88	10/04/88
		T	35	06/14/88	10/04/88
		TR	35	06/14/88	10/04/88
ISH-7D	55	L	16	06/19/88	10/04/88
		FL	18	06/19/88	10/04/88
		T	18	06/19/88	10/04/88
		FL	55	06/19/88	10/03/88
		T	55	06/19/88	10/03/88
		TR	55	06/19/88	10/03/88
ISH-8D	53	FL	15	06/20/88	10/02/88
		T	15	06/20/88	10/02/88
ISH-18B	46	FL	17	06/20/88	08/05/88
		T	17	06/20/88	08/19/88
		FL	39	06/20/88	10/02/88
		T	39	06/20/88	10/02/88
ISH-21B	56	FL	14	06/22/88	10/07/88
		T	14	06/22/88	10/07/88
		FL	14	06/22/88	10/07/88
		T	48	06/22/88	10/07/88
		TR	48	06/22/88	10/07/88
ISH-3E	43	FL	35	10/04/88	01/25/89
		T	35	10/04/88	06/16/89
		TR	35	10/04/88	06/16/89
ISH-7E	55	FL	42	10/04/88	07/13/89
		T	42	10/04/88	07/13/89
		TR	42	10/04/88	07/13/89
ISH-21C	57	FL	50	10/08/88	Lost
		T	50	10/08/88	Lost
		TR	50	10/08/88	Lost

FL=Fluorescence; L=Light; T=Temperature; TR=Light Transmission

Table 12. Daily statistics for the 1988 summer and 1988-89 over winter fluorometer sensors.

MOORING=03D
 LATITUDE=62-49.5'N
 LONGITUDE=168-39.7'W

DAILY STATISTICS
 INST DEPTH=13M
 SONIC DEPTH=43M

BEGINNING: 06/14/88
 ENDING: 10/04/88

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
06/14/88	0.16	-0.93	0.83	0.30	0.20	0.51	-	-	-
06/15/88	0.37	-1.38	1.09	0.44	0.22	1.10	-	-	-
06/16/88	0.48	-0.24	1.19	0.33	0.04	0.97	-	-	-
06/17/88	0.60	-0.27	1.34	0.23	0.10	0.43	-	-	-
06/18/88	1.51	0.22	2.39	0.28	0.12	0.50	-	-	-
06/19/88	2.69	1.63	3.75	0.36	0.10	1.00	-	-	-
06/20/88	2.37	1.39	3.27	0.37	0.18	0.60	-	-	-
06/21/88	2.52	1.47	3.33	0.35	0.16	0.57	-	-	-
06/22/88	1.92	0.42	3.33	0.52	0.19	0.83	-	-	-
06/23/88	1.79	0.61	2.97	0.74	0.47	1.31	-	-	-
06/24/88	2.20	0.72	3.31	0.73	0.36	1.15	-	-	-
06/25/88	2.11	0.35	2.63	0.75	0.34	1.24	-	-	-
06/26/88	2.74	1.66	3.48	0.64	0.32	1.19	-	-	-
06/27/88	2.93	2.49	3.38	0.48	0.22	0.81	-	-	-
06/28/88	2.71	2.07	3.31	0.64	0.26	1.16	-	-	-
06/29/88	2.04	1.26	3.08	1.10	0.35	2.20	-	-	-
06/30/88	1.97	0.18	3.54	0.65	0.25	1.17	-	-	-
07/01/88	2.63	0.76	3.97	0.44	0.17	1.15	-	-	-
07/02/88	2.47	-0.06	5.00	0.88	0.24	6.27	-	-	-
07/03/88	1.05	-0.60	4.38	1.20	0.39	2.68	-	-	-
07/04/88	3.36	0.72	5.57	1.30	0.39	3.25	-	-	-
07/05/88	4.16	2.23	5.73	1.00	0.28	3.22	-	-	-
07/06/88	2.50	-0.34	5.29	1.72	0.40	5.04	-	-	-
07/07/88	2.38	-0.39	4.21	2.46	0.61	8.98	-	-	-
07/08/88	1.84	-0.33	5.44	2.03	0.37	7.12	-	-	-
07/09/88	1.36	-0.84	4.89	2.53	0.52	8.69	-	-	-
07/10/88	0.31	-0.84	3.41	4.00	0.25	10.08	-	-	-
07/11/88	3.21	-0.19	5.11	1.69	0.19	14.13	-	-	-
07/12/88	1.83	-0.78	5.36	1.93	0.12	4.43	-	-	-
07/13/88	0.14	-0.71	2.10	3.83	1.26	6.21	-	-	-
07/14/88	0.08	-0.67	2.13	3.41	1.72	4.80	-	-	-
07/15/88	0.67	-0.62	4.38	3.75	1.07	6.14	-	-	-
07/16/88	2.24	-0.59	4.73	2.52	0.93	6.09	-	-	-
07/17/88	2.40	-0.33	4.75	2.30	0.80	8.52	-	-	-
07/18/88	1.52	-0.59	4.11	2.81	0.81	7.81	-	-	-
07/19/88	0.65	-0.59	2.75	2.90	1.02	5.16	-	-	-
07/20/88	0.23	-0.47	2.38	3.02	0.61	6.63	-	-	-
07/21/88	1.15	0.03	3.79	0.86	0.17	2.39	-	-	-
07/22/88	1.16	-0.41	2.75	1.73	0.18	5.27	-	-	-
07/23/88	2.46	0.27	5.58	0.63	0.15	1.35	-	-	-
07/24/88	3.55	1.73	6.75	0.67	0.41	1.12	-	-	-
07/25/88	4.40	2.14	6.57	1.37	0.59	2.15	-	-	-
07/26/88	6.06	2.33	8.40	1.81	1.23	2.70	-	-	-
07/27/88	6.92	4.15	8.07	1.51	0.85	2.79	-	-	-
07/28/88	5.53	1.60	7.61	1.45	0.76	2.11	-	-	-
07/29/88	5.12	0.34	7.90	1.58	0.67	3.26	-	-	-
07/30/88	2.20	-0.19	5.05	1.92	0.72	4.65	-	-	-
07/31/88	3.16	-0.13	5.71	1.42	0.56	3.73	-	-	-

MOORING=03D
 LATITUDE=62-49.5'N
 LONGITUDE=168-39.7'W

DAILY STATISTICS
 INST DEPTH=13M
 SONIC DEPTH=43M

BEGINNING: 06/14/88
 ENDING: 10/04/88

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
08/01/88	2.61	1.04	4.35	1.51	0.70	2.82	-	-	-
08/02/88	1.02	0.39	2.48	3.25	1.26	5.40	-	-	-
08/03/88	0.82	0.33	2.75	4.25	1.27	8.16	-	-	-
08/04/88	0.74	0.28	2.30	3.71	2.15	5.59	-	-	-
08/05/88	1.07	0.01	4.00	3.31	1.20	6.84	-	-	-
08/06/88	1.33	0.43	4.77	2.46	0.99	4.16	-	-	-
08/07/88	1.36	0.30	3.17	4.18	1.10	6.92	-	-	-
08/08/88	2.27	0.60	5.17	4.69	2.27	7.99	-	-	-
08/09/88	1.79	0.88	6.40	2.68	0.66	5.00	-	-	-
08/10/88	2.86	0.69	5.73	3.13	0.79	6.97	-	-	-
08/11/88	4.95	2.20	7.63	1.17	0.24	3.37	-	-	-
08/12/88	7.00	3.35	8.32	0.38	0.17	0.68	-	-	-
08/13/88	6.30	2.42	8.17	1.11	0.31	2.15	-	-	-
08/14/88	4.95	4.03	5.43	2.40	1.18	3.74	-	-	-
08/15/88	3.77	2.90	4.94	1.48	1.04	1.91	-	-	-
08/16/88	3.16	2.48	4.45	2.75	1.55	4.40	-	-	-
08/17/88	2.98	1.04	4.28	2.66	1.51	4.50	-	-	-
08/18/88	3.24	1.96	4.69	2.33	0.28	4.50	-	-	-
08/19/88	3.43	1.27	5.75	2.00	0.61	5.01	-	-	-
08/20/88	3.58	1.39	6.49	2.17	0.18	4.62	-	-	-
08/21/88	4.88	0.97	8.12	2.27	0.13	8.10	-	-	-
08/22/88	5.27	3.50	7.03	2.26	0.68	4.81	-	-	-
08/23/88	6.69	5.97	7.51	1.16	0.61	1.86	-	-	-
08/24/88	8.09	6.67	8.71	0.52	0.25	1.40	-	-	-
08/25/88	8.43	8.27	8.55	0.46	0.25	0.68	-	-	-
08/26/88	8.29	8.19	8.41	0.45	0.23	0.69	-	-	-
08/27/88	8.23	8.19	8.26	0.29	0.10	0.43	-	-	-
08/28/88	8.27	8.19	8.33	0.30	0.14	0.43	-	-	-
08/29/88	8.28	8.18	8.41	0.32	0.05	0.52	-	-	-
08/30/88	8.16	7.92	8.35	0.26	0.00	0.43	-	-	-
08/31/88	8.05	7.81	8.22	0.35	0.09	0.60	-	-	-
09/01/88	7.25	6.89	7.77	0.62	0.25	1.33	-	-	-
09/02/88	6.66	6.39	7.17	1.17	0.53	1.44	-	-	-
09/03/88	6.66	6.33	7.15	1.21	0.90	1.42	-	-	-
09/04/88	6.88	6.56	7.12	1.32	0.59	1.82	-	-	-
09/05/88	6.79	6.56	7.20	1.54	0.86	1.98	-	-	-
09/06/88	6.97	6.69	7.13	1.71	1.28	2.37	-	-	-
09/07/88	7.13	7.03	7.23	1.58	1.24	2.13	-	-	-
09/08/88	7.15	7.02	7.25	1.15	0.56	2.24	-	-	-
09/09/88	7.31	7.05	7.59	0.68	0.35	1.66	-	-	-
09/10/88	7.20	6.85	7.47	0.59	0.43	0.80	-	-	-
09/11/88	6.97	6.44	7.51	1.16	0.60	1.85	-	-	-
09/12/88	6.57	6.43	6.89	1.49	1.06	2.02	-	-	-
09/13/88	6.86	6.59	7.18	1.36	0.76	2.27	-	-	-
09/14/88	6.88	6.72	7.04	1.19	0.52	2.38	-	-	-
09/15/88	6.75	6.36	6.99	1.13	0.73	1.60	-	-	-
09/16/88	6.61	6.32	6.95	1.47	1.00	2.15	-	-	-
09/17/88	6.68	6.14	6.90	1.33	0.60	3.48	-	-	-

MOORING=03D
LATITUDE=62-49.5'N
LONGITUDE=168-39.7'W

DAILY STATISTICS
INST DEPTH=13M
SONIC DEPTH=43M

BEGINNING: 06/14/88
ENDING: 10/04/88

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
09/18/88	7.22	6.76	7.55	0.81	0.56	1.34	-	-	-
09/19/88	7.00	6.59	7.45	1.02	0.65	1.91	-	-	-
09/20/88	5.98	5.65	6.49	1.83	1.17	2.81	-	-	-
09/21/88	5.25	4.74	6.31	1.88	1.51	2.30	-	-	-
09/22/88	5.26	4.97	5.89	1.44	1.09	2.38	-	-	-
09/23/88	5.43	4.97	5.84	1.21	0.98	1.91	-	-	-
09/24/88	5.30	5.03	5.59	1.12	0.95	1.29	-	-	-
09/25/88	5.40	5.12	5.50	1.25	0.99	2.51	-	-	-
09/26/88	5.37	5.01	5.93	1.16	0.65	2.39	-	-	-
09/27/88	5.45	5.37	5.51	1.00	0.75	1.79	-	-	-
09/28/88	5.50	5.45	5.56	0.95	0.71	1.12	-	-	-
09/29/88	5.54	5.39	5.74	1.07	0.75	1.44	-	-	-
09/30/88	5.39	5.24	5.51	1.11	0.77	1.90	-	-	-
10/01/88	5.40	5.29	5.52	0.93	0.79	1.07	-	-	-
10/02/88	5.50	5.43	5.55	0.91	0.73	1.05	-	-	-
10/03/88	5.37	5.14	5.45	0.75	0.44	0.90	-	-	-
10/04/88	5.20	5.13	5.46	0.81	0.40	1.58	-	-	-

MOORING=03D
 LATITUDE=62-49.5'N
 LONGITUDE=168-39.7'W

DAILY STATISTICS
 INST DEPTH=35M
 SONIC DEPTH=43M

BEGINNING: 06/14/88
 ENDING: 10/04/88

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
06/14/88	-1.36	-1.40	-1.33	1.37	0.94	2.03	1.514	1.401	1.708
06/15/88	-1.02	-1.38	-0.84	1.55	0.84	2.73	1.574	1.298	1.931
06/16/88	-0.86	-1.06	-0.63	1.17	0.83	1.64	1.399	1.256	1.527
06/17/88	-1.05	-1.17	-0.83	1.61	0.95	2.36	1.382	1.247	1.519
06/18/88	-1.31	-1.52	-1.10	2.47	1.45	3.46	1.495	1.206	1.675
06/19/88	-1.33	-1.54	-1.06	2.48	1.20	3.70	1.461	1.281	1.673
06/20/88	-1.26	-1.51	-1.02	2.28	1.35	3.21	1.437	1.239	1.671
06/21/88	-1.37	-1.51	-1.25	2.81	1.66	4.17	1.489	1.223	1.673
06/22/88	-1.06	-1.35	-0.81	2.17	0.92	3.90	1.490	1.344	1.867
06/23/88	-0.92	-0.93	-0.89	1.13	0.81	1.50	1.533	1.394	1.663
06/24/88	-0.90	-0.92	-0.86	1.08	0.80	1.77	1.584	1.451	1.813
06/25/88	-0.79	-0.89	-0.75	0.84	0.55	1.29	1.543	1.353	1.861
06/26/88	-0.78	-0.81	-0.74	1.10	0.64	1.80	1.666	1.400	1.939
06/27/88	-0.71	-0.79	-0.64	1.40	0.76	2.68	1.510	1.282	1.801
06/28/88	-0.66	-0.69	-0.63	0.89	0.52	1.37	1.456	1.362	1.613
06/29/88	-0.83	-0.98	-0.66	1.08	0.63	1.47	1.474	1.316	1.608
06/30/88	-0.92	-1.00	-0.71	1.36	0.85	2.25	1.440	1.316	1.586
07/01/88	-0.81	-0.96	-0.67	1.64	0.90	2.81	1.448	1.240	1.678
07/02/88	-0.76	-0.82	-0.67	3.38	1.16	5.41	1.822	1.274	2.209
07/03/88	-0.79	-0.82	-0.75	2.56	1.68	3.83	1.604	1.381	1.870
07/04/88	-0.71	-0.78	-0.62	1.96	1.35	2.56	1.347	1.223	1.495
07/05/88	-0.62	-0.84	-0.57	2.27	1.19	4.14	1.328	1.108	1.830
07/06/88	-0.93	-1.00	-0.72	3.87	3.04	5.00	1.824	1.552	2.106
07/07/88	-1.00	-1.04	-0.96	3.98	2.97	5.33	1.922	1.604	2.561
07/08/88	-0.83	-1.04	-0.50	3.02	2.20	4.01	1.743	1.380	2.067
07/09/88	-0.99	-1.04	-0.93	4.64	3.19	6.11	2.083	1.711	2.339
07/10/88	-0.75	-1.01	-0.48	4.31	3.00	6.16	1.977	1.653	2.372
07/11/88	-0.70	-0.85	-0.58	3.25	2.54	4.44	1.556	1.221	1.946
07/12/88	-0.75	-0.87	-0.59	3.04	2.37	4.21	1.466	1.239	1.681
07/13/88	-0.62	-0.80	-0.45	4.20	3.08	5.68	1.710	1.456	2.074
07/14/88	-0.60	-0.66	-0.39	3.50	2.33	4.35	1.558	1.269	1.854
07/15/88	-0.56	-0.72	-0.37	3.44	2.40	4.65	1.549	1.152	1.813
07/16/88	-0.73	-0.87	-0.35	3.92	2.54	6.07	1.635	1.121	1.972
07/17/88	-0.83	-0.89	-0.72	3.96	2.79	4.78	1.832	1.418	2.355
07/18/88	-0.76	-0.86	-0.68	3.64	3.12	4.24	1.627	1.412	1.965
07/19/88	-0.55	-0.73	-0.30	4.13	3.23	5.31	1.725	1.310	2.349
07/20/88	-0.52	-0.55	-0.41	4.57	3.11	5.85	1.754	1.419	2.238
07/21/88	-0.62	-0.79	-0.30	3.49	2.31	5.10	1.585	1.214	2.232
07/22/88	-0.85	-0.91	-0.67	3.14	2.25	5.30	1.666	1.320	2.261
07/23/88	-0.73	-0.86	-0.55	2.53	1.98	3.30	1.615	1.371	1.893
07/24/88	-0.69	-0.83	-0.50	3.48	2.09	5.74	1.821	1.377	2.456
07/25/88	-0.77	-0.82	-0.68	4.39	3.02	6.50	1.854	1.504	2.380
07/26/88	-0.75	-0.84	-0.70	3.65	2.96	4.53	1.882	1.417	2.124
07/27/88	-0.60	-0.73	-0.45	3.95	2.69	5.12	1.923	1.497	2.315
07/28/88	-0.54	-0.63	-0.44	3.67	2.55	4.96	1.748	1.499	2.075
07/29/88	-0.46	-0.66	-0.29	3.04	2.21	4.04	1.753	1.518	1.997
07/30/88	-0.44	-0.54	-0.32	3.55	2.13	5.03	1.805	1.512	2.293
07/31/88	0.09	-0.38	0.39	2.62	1.85	3.88	1.559	1.401	1.774

MOORING=03D
 LATITUDE=62-49.5'N
 LONGITUDE=168-39.7'W

DAILY STATISTICS
 INST DEPTH=35M
 SONIC DEPTH=43M

BEGINNING: 06/14/88
 ENDING: 10/04/88

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
08/01/88	0.19	0.04	0.35	2.13	1.61	2.65	1.412	1.279	1.597
08/02/88	0.28	0.17	0.46	2.49	1.96	3.13	1.448	1.275	1.771
08/03/88	0.29	0.20	0.45	2.71	2.06	3.42	1.437	1.298	2.250
08/04/88	0.27	0.15	0.41	3.34	2.23	4.56	2.141	1.626	2.724
08/05/88	0.14	-0.06	0.60	3.57	2.69	5.05	2.180	1.596	3.775
08/06/88	0.47	0.22	0.81	3.14	2.32	4.29	1.909	1.528	2.398
08/07/88	0.19	0.04	0.31	2.95	2.18	4.10	1.693	1.519	1.912
08/08/88	0.22	0.19	0.25	2.48	1.84	3.38	1.585	1.400	1.739
08/09/88	0.22	0.17	0.30	2.28	1.62	2.96	1.378	1.215	1.833
08/10/88	0.33	0.24	0.44	1.78	1.01	3.42	1.535	1.299	1.948
08/11/88	0.44	0.29	0.55	2.33	1.41	2.90	1.752	1.346	5.410
08/12/88	0.61	0.47	0.76	2.41	1.88	3.21	1.677	1.282	2.147
08/13/88	0.67	0.37	0.94	2.05	1.42	2.75	1.560	1.259	1.942
08/14/88	0.21	-0.01	0.48	2.48	1.65	3.84	2.579	1.444	3.604
08/15/88	0.28	0.16	0.50	1.63	0.96	2.58	2.557	2.031	3.431
08/16/88	0.48	0.31	0.62	1.41	1.01	1.94	2.529	1.945	3.176
08/17/88	0.78	0.48	0.94	1.05	0.71	1.41	1.927	1.670	2.271
08/18/88	0.77	0.57	0.92	0.83	0.63	1.10	1.707	1.393	2.026
08/19/88	0.75	0.65	0.98	0.92	0.65	1.28	1.632	1.282	2.058
08/20/88	1.11	0.60	1.28	1.27	0.94	1.68	1.826	1.616	2.103
08/21/88	0.49	0.28	0.67	1.14	0.71	1.77	1.813	1.387	2.556
08/22/88	0.83	0.36	1.02	0.82	0.64	1.17	1.861	1.468	2.214
08/23/88	0.86	0.57	1.12	0.86	0.59	1.05	1.687	1.453	2.013
08/24/88	0.50	0.36	0.80	0.96	0.67	1.31	2.138	1.598	3.486
08/25/88	0.67	0.33	0.88	2.11	1.16	2.96	>6.0	2.776	>6.0
08/26/88	0.04	-0.13	0.26	2.60	1.19	3.69	>6.0	3.122	>6.0
08/27/88	-0.01	-0.10	0.12	2.01	1.59	2.68	4.141	1.808	>6.0
08/28/88	0.07	-0.03	0.14	1.41	0.95	2.51	1.895	1.740	2.206
08/29/88	0.11	0.08	0.17	1.04	0.56	1.82	1.828	1.634	2.553
08/30/88	0.07	-0.06	0.20	1.27	0.70	1.97	1.899	1.703	2.125
08/31/88	0.20	0.06	0.36	1.69	0.71	2.89	2.099	1.788	2.724
09/01/88	1.02	0.32	3.15	1.68	0.90	2.56	2.925	2.310	5.484
09/02/88	5.90	3.44	6.60	1.15	0.98	1.44	2.796	2.003	3.602
09/03/88	5.98	4.45	6.56	1.00	0.82	1.23	2.048	1.491	2.869
09/04/88	3.82	1.65	6.78	0.98	0.67	1.38	3.821	1.402	>6.0
09/05/88	5.32	1.38	6.68	1.08	0.76	1.33	1.762	1.201	2.777
09/06/88	5.35	4.00	6.39	0.91	0.46	1.44	1.585	1.097	2.299
09/07/88	4.18	2.35	5.62	1.01	0.87	1.31	1.550	1.120	2.143
09/08/88	1.92	1.25	4.01	1.42	0.84	2.20	1.835	1.105	4.588
09/09/88	1.41	1.31	1.68	1.57	0.81	2.61	1.625	1.092	2.716
09/10/88	2.10	1.34	3.41	1.10	0.62	2.54	2.095	1.212	2.700
09/11/88	2.81	1.47	4.16	1.00	0.44	2.65	2.759	1.376	4.026
09/12/88	3.96	2.77	6.46	0.80	0.02	1.24	2.205	.737	3.552
09/13/88	4.21	3.07	5.08	0.73	0.36	1.02	2.721	1.975	4.460
09/14/88	4.10	2.98	5.15	0.67	0.15	1.17	2.400	1.738	4.074
09/15/88	3.72	3.49	4.11	0.77	0.30	1.20	1.648	1.379	2.093
09/16/88	3.64	3.56	3.76	0.70	0.04	1.10	2.028	1.705	3.482
09/17/88	3.63	3.39	3.87	1.48	0.33	2.42	2.540	1.487	3.803

MOORING=03D
LATITUDE=62-49.5'N
LONGITUDE=168-39.7'W

DAILY STATISTICS
INST DEPTH=35M
SONIC DEPTH=43M

BEGINNING: 06/14/88
ENDING: 10/04/88

DATE	TEMPERATURE(C)			CHL(UG/L)			ATTENUATION(1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
09/18/88	3.24	2.73	3.82	1.70	0.51	2.67	1.997	1.415	3.105
09/19/88	2.59	2.43	2.75	1.50	0.29	3.12	1.849	1.521	2.856
09/20/88	3.71	2.80	5.02	1.88	0.18	3.77	3.883	2.643	5.158
09/21/88	4.64	4.31	4.95	1.77	0.36	2.58	2.913	2.581	3.318
09/22/88	5.05	4.90	5.35	1.01	0.33	1.91	3.260	2.772	3.762
09/23/88	5.17	4.93	5.40	0.73	0.41	1.09	3.447	2.889	5.030
09/24/88	5.13	5.01	5.34	0.62	0.29	0.99	2.720	2.429	3.137
09/25/88	5.08	4.85	5.27	0.57	0.33	0.85	2.633	2.336	3.040
09/26/88	5.07	4.77	5.41	0.52	0.08	0.99	2.514	2.090	3.124
09/27/88	5.12	4.97	5.37	0.67	0.04	1.35	2.089	1.621	2.879
09/28/88	5.16	5.02	5.36	0.61	0.03	1.31	1.814	1.482	2.050
09/29/88	5.23	5.03	5.48	0.51	0.14	0.97	2.173	1.538	2.719
09/30/88	5.25	5.12	5.30	0.51	0.06	0.80	2.183	1.894	2.608
10/01/88	5.32	5.28	5.39	0.50	0.06	0.93	2.140	1.865	2.330
10/02/88	5.46	5.38	5.50	0.45	0.16	0.62	2.199	2.064	2.356
10/03/88	5.38	5.17	5.48	0.42	0.17	0.68	2.221	1.871	2.899
10/04/88	5.22	5.16	5.37	0.42	0.03	1.10	2.162	1.894	2.614

MOORING=07D
 LATITUDE=63-57.0'N
 LONGITUDE=172-06.1'W

DAILY STATISTICS
 INST DEPTH=18M
 SONIC DEPTH=55M

BEGINNING: 06/19/88
 ENDING: 10/04/88

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
06/19/88	1.68	-0.01	3.54	0.39	0.22	0.52	-	-	-
06/20/88	1.94	-0.01	3.29	0.35	0.26	0.44	-	-	-
06/21/88	1.75	-0.13	4.13	0.37	0.29	0.48	-	-	-
06/22/88	2.30	0.18	3.94	0.43	0.28	0.55	-	-	-
06/23/88	2.72	-0.16	3.79	0.38	0.24	0.52	-	-	-
06/24/88	3.43	2.12	3.91	0.39	0.27	0.51	-	-	-
06/25/88	2.81	1.10	3.70	0.64	0.34	2.94	-	-	-
06/26/88	3.13	-0.24	3.76	0.42	0.31	0.65	-	-	-
06/27/88	2.57	-0.05	3.21	0.39	0.21	0.52	-	-	-
06/28/88	3.58	2.99	4.05	0.31	0.14	0.50	-	-	-
06/29/88	3.94	3.27	4.10	0.32	0.14	0.49	-	-	-
06/30/88	3.65	2.73	4.03	0.32	0.15	0.54	-	-	-
07/01/88	2.26	-0.19	3.79	0.49	0.20	1.26	-	-	-
07/02/88	2.39	-0.00	4.69	0.35	0.19	0.57	-	-	-
07/03/88	3.48	1.30	4.80	0.35	0.15	0.73	-	-	-
07/04/88	3.71	0.21	5.18	0.39	0.12	0.76	-	-	-
07/05/88	3.61	-0.00	5.34	0.42	0.22	0.63	-	-	-
07/06/88	4.70	3.36	5.51	0.49	0.22	0.87	-	-	-
07/07/88	3.98	2.98	4.75	0.37	0.15	0.57	-	-	-
07/08/88	4.08	2.38	5.06	0.40	0.20	0.59	-	-	-
07/09/88	4.50	3.45	5.39	0.41	0.19	0.66	-	-	-
07/10/88	3.23	0.10	5.26	0.43	0.20	0.69	-	-	-
07/11/88	3.81	-0.11	6.18	0.33	0.17	0.91	-	-	-
07/12/88	3.82	2.87	6.19	0.33	0.18	0.55	-	-	-
07/13/88	3.64	-0.10	6.26	0.33	0.14	0.56	-	-	-
07/14/88	3.36	2.53	5.58	0.47	0.27	0.99	-	-	-
07/15/88	3.12	2.24	4.14	0.54	0.13	1.14	-	-	-
07/16/88	2.98	1.92	3.83	0.59	0.29	0.96	-	-	-
07/17/88	2.00	1.59	2.54	0.50	0.09	1.01	-	-	-
07/18/88	2.39	1.22	6.03	0.21	0.01	0.67	-	-	-
07/19/88	2.69	1.72	5.93	0.45	0.16	0.68	-	-	-
07/20/88	2.36	1.32	4.10	0.32	0.08	0.63	-	-	-
07/21/88	3.19	1.03	6.60	0.33	0.05	0.68	-	-	-
07/22/88	4.78	1.25	6.13	0.33	0.10	0.67	-	-	-
07/23/88	5.00	2.67	5.91	0.26	0.06	0.43	-	-	-
07/24/88	3.92	1.25	5.52	0.30	0.03	0.77	-	-	-
07/25/88	5.66	3.32	6.77	0.29	0.17	0.42	-	-	-
07/26/88	5.66	2.75	6.66	0.33	0.18	0.46	-	-	-
07/27/88	6.58	5.07	6.98	0.34	0.11	0.46	-	-	-
07/28/88	6.61	3.11	7.15	0.34	0.17	0.54	-	-	-
07/29/88	6.21	0.64	6.87	0.34	0.19	0.48	-	-	-
07/30/88	5.17	2.81	6.94	0.35	0.14	0.47	-	-	-
07/31/88	4.32	0.62	6.51	0.43	0.34	0.62	-	-	-
08/01/88	5.19	1.90	6.05	0.45	0.19	0.61	-	-	-
08/02/88	5.30	0.38	5.84	0.38	0.21	0.63	-	-	-
08/03/88	5.23	4.90	5.83	0.42	0.29	0.57	-	-	-
08/04/88	4.72	0.84	5.88	0.47	0.33	0.60	-	-	-
08/05/88	4.81	3.53	6.15	0.57	0.21	0.83	-	-	-

MOORING=07D
 LATITUDE=63-57.0'N
 LONGITUDE=172-06.1'W

DAILY STATISTICS
 INST DEPTH=18M
 SONIC DEPTH=55M

BEGINNING: 06/19/88
 ENDING: 10/04/88

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
08/06/88	5.58	4.06	6.59	0.56	0.40	0.82	-	-	-
08/07/88	5.78	4.68	6.42	0.47	0.20	0.71	-	-	-
08/08/88	5.84	3.85	6.52	0.44	0.28	0.65	-	-	-
08/09/88	6.48	5.80	6.72	0.44	0.32	0.60	-	-	-
08/10/88	6.79	6.37	7.19	0.48	0.41	0.57	-	-	-
08/11/88	7.16	7.04	7.23	0.47	0.33	0.58	-	-	-
08/12/88	7.28	7.10	7.66	0.50	0.36	0.82	-	-	-
08/13/88	7.56	7.32	7.78	0.67	0.47	1.05	-	-	-
08/14/88	6.45	4.50	7.58	0.79	0.52	1.00	-	-	-
08/15/88	6.53	6.09	6.81	0.64	0.45	0.99	-	-	-
08/16/88	5.96	3.61	6.83	0.60	0.42	0.83	-	-	-
08/17/88	6.74	5.71	7.19	0.58	0.33	0.92	-	-	-
08/18/88	6.86	6.03	7.32	0.60	0.34	1.08	-	-	-
08/19/88	5.91	3.96	6.66	1.20	0.80	1.56	-	-	-
08/20/88	5.83	3.79	7.09	1.17	0.89	1.42	-	-	-
08/21/88	6.85	4.33	7.11	0.57	0.32	1.45	-	-	-
08/22/88	7.08	6.95	7.24	0.44	0.34	0.55	-	-	-
08/23/88	7.00	6.70	7.23	0.54	0.27	0.85	-	-	-
08/24/88	6.40	5.46	7.09	0.95	0.42	3.39	-	-	-
08/25/88	6.73	5.78	7.10	0.98	0.54	2.12	-	-	-
08/26/88	6.85	6.49	7.07	0.46	0.25	0.73	-	-	-
08/27/88	2.55	0.03	6.57	0.36	0.13	0.70	-	-	-
08/28/88	0.64	-0.89	2.36	0.40	0.12	3.70	-	-	-
08/29/88	3.80	-0.61	6.31	0.38	0.12	0.61	-	-	-
08/30/88	3.72	0.86	5.51	0.73	0.46	0.92	-	-	-
08/31/88	2.18	0.94	3.03	1.08	0.64	1.37	-	-	-
09/01/88	2.61	1.89	3.88	1.24	0.80	1.74	-	-	-
09/02/88	2.42	2.04	3.90	1.10	0.61	1.69	-	-	-
09/03/88	2.64	1.96	4.12	1.11	0.55	1.59	-	-	-
09/04/88	3.51	1.89	5.58	1.10	0.59	1.84	-	-	-
09/05/88	5.38	3.97	6.58	1.39	0.20	3.02	-	-	-
09/06/88	6.34	5.52	6.62	0.38	0.10	0.65	-	-	-
09/07/88	6.22	6.05	6.43	0.39	0.08	0.52	-	-	-
09/08/88	6.23	5.82	6.64	0.41	0.10	0.54	-	-	-
09/09/88	5.95	4.56	6.21	0.46	0.33	0.60	-	-	-
09/10/88	6.20	6.02	6.60	0.41	0.19	0.58	-	-	-
09/11/88	6.36	6.25	6.61	0.43	0.33	0.51	-	-	-
09/12/88	6.29	6.11	6.54	0.45	0.35	0.55	-	-	-
09/13/88	6.27	5.98	6.54	0.44	0.35	0.50	-	-	-
09/14/88	5.36	2.66	6.11	0.70	0.43	1.46	-	-	-
09/15/88	5.68	4.98	6.08	0.61	0.41	0.85	-	-	-
09/16/88	5.13	4.66	5.65	0.64	0.45	0.75	-	-	-
09/17/88	4.68	3.32	5.20	0.74	0.47	0.97	-	-	-
09/18/88	4.87	4.64	5.20	0.83	0.45	1.50	-	-	-
09/19/88	3.13	1.31	4.72	0.64	0.36	0.84	-	-	-
09/20/88	2.61	1.80	3.27	0.66	0.46	0.85	-	-	-
09/21/88	2.74	2.14	3.28	0.64	0.38	0.80	-	-	-
09/22/88	2.08	1.70	2.74	0.55	0.31	0.68	-	-	-

MOORING=07D
LATITUDE=63-57.0'N
LONGITUDE=172-06.1'W

DAILY STATISTICS
INST DEPTH=18M
SONIC DEPTH=55M

BEGINNING: 06/19/88
ENDING: 10/04/88

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
09/23/88	2.98	1.82	4.37	1.15	0.38	3.90	-	-	-
09/24/88	4.40	3.96	4.66	2.29	0.98	3.88	-	-	-
09/25/88	4.36	4.22	4.49	1.85	0.75	2.83	-	-	-
09/26/88	4.26	4.08	4.41	2.11	1.20	3.25	-	-	-
09/27/88	4.36	4.13	4.55	2.40	0.99	4.29	-	-	-
09/28/88	4.33	4.17	4.53	0.99	0.51	2.76	-	-	-
09/29/88	3.96	3.28	4.42	1.42	0.38	2.81	-	-	-
09/30/88	3.79	3.25	4.33	1.87	0.43	3.73	-	-	-
10/01/88	4.11	3.98	4.27	0.77	0.36	1.34	-	-	-
10/02/88	4.06	3.94	4.18	0.57	0.36	1.11	-	-	-
10/03/88	3.93	3.78	4.03	0.49	0.24	0.69	-	-	-
10/04/88	3.86	3.85	3.87	0.79	0.77	0.81	-	-	-

MOORING=07D
 LATITUDE=63-57.0'N
 LONGITUDE=172-06.1'W

DAILY STATISTICS
 INST DEPTH=48M
 SONIC DEPTH=55M

BEGINNING: 06/19/88
 ENDING: 10/03/88

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
06/19/88	-0.99	-1.08	-0.90	1.39	0.39	4.16	1.042	.990	1.104
06/20/88	-0.92	-1.11	-0.73	1.52	0.56	3.12	1.012	.892	1.163
06/21/88	-0.99	-1.08	-0.87	2.13	0.98	4.02	1.056	.936	1.158
06/22/88	-1.02	-1.09	-0.93	1.54	0.75	2.72	1.038	.940	1.199
06/23/88	-1.23	-1.27	-1.06	1.17	0.64	2.58	1.172	1.042	1.311
06/24/88	-1.19	-1.28	-1.02	0.81	0.40	2.25	1.054	.919	1.180
06/25/88	-1.07	-1.17	-1.00	0.86	0.37	1.65	1.120	.900	1.274
06/26/88	-1.15	-1.20	-1.09	1.29	0.65	2.24	1.223	1.152	1.436
06/27/88	-1.05	-1.14	-0.98	1.33	0.94	1.87	1.036	.924	1.242
06/28/88	-1.16	-1.36	-0.83	1.33	0.41	3.09	.962	.816	1.172
06/29/88	-0.98	-1.22	-0.80	0.77	0.43	1.91	.889	.814	.941
06/30/88	-1.01	-1.09	-0.95	0.84	0.47	1.37	.943	.846	1.052
07/01/88	-0.92	-1.05	-0.70	1.45	0.54	4.58	.983	.832	1.169
07/02/88	-0.80	-0.97	-0.64	1.61	0.57	3.86	1.018	.785	1.367
07/03/88	-0.93	-1.04	-0.71	2.38	1.61	3.77	1.166	1.055	1.306
07/04/88	-0.69	-0.80	-0.60	2.63	0.68	4.13	.935	.782	1.137
07/05/88	-0.82	-0.86	-0.78	1.67	0.73	4.95	.886	.816	.939
07/06/88	-0.83	-0.91	-0.74	1.28	0.70	2.31	.844	.774	.933
07/07/88	-0.98	-1.06	-0.84	1.78	0.70	5.00	.940	.769	1.045
07/08/88	-0.95	-1.05	-0.89	2.67	1.25	4.94	1.027	.929	1.199
07/09/88	-0.95	-1.00	-0.90	2.46	1.14	4.54	1.045	.979	1.133
07/10/88	-0.91	-1.04	-0.71	1.77	1.06	4.84	1.059	.994	1.154
07/11/88	-0.85	-0.97	-0.78	2.29	1.16	5.17	1.091	1.033	1.196
07/12/88	-0.76	-0.87	-0.62	1.21	0.87	3.11	1.047	1.004	1.087
07/13/88	-0.67	-0.73	-0.61	0.88	0.57	1.17	1.029	.973	1.093
07/14/88	-0.70	-0.76	-0.64	0.81	0.53	1.07	.970	.889	1.028
07/15/88	-0.60	-0.68	-0.48	0.77	0.57	1.14	.921	.836	.997
07/16/88	-0.30	-0.66	-0.13	0.66	0.45	1.30	1.058	.966	1.142
07/17/88	-0.19	-0.21	-0.17	0.55	0.37	0.89	1.031	.945	1.123
07/18/88	-0.15	-0.21	-0.05	0.46	0.27	0.74	.967	.928	1.029
07/19/88	-0.45	-0.95	-0.04	0.45	0.26	0.80	.980	.906	1.108
07/20/88	-0.74	-0.93	-0.12	0.57	0.42	0.82	1.101	.986	1.175
07/21/88	-0.45	-0.72	-0.11	0.60	0.38	0.94	.940	.899	.995
07/22/88	-0.36	-0.71	0.00	0.65	0.44	0.92	.964	.877	1.062
07/23/88	-0.07	-0.18	0.09	0.59	0.45	0.99	.980	.919	1.033
07/24/88	-0.13	-0.17	-0.04	0.68	0.45	1.05	.973	.927	1.026
07/25/88	-0.15	-0.43	-0.00	0.56	0.40	1.75	.902	.810	.980
07/26/88	-0.08	-0.18	0.05	0.53	0.42	0.67	.805	.784	.842
07/27/88	-0.44	-0.83	-0.01	0.59	0.32	1.04	.864	.767	.972
07/28/88	-0.62	-0.88	-0.31	0.68	0.44	1.10	.874	.843	.901
07/29/88	-0.75	-1.05	-0.41	0.64	0.43	1.26	.897	.839	.990
07/30/88	-0.07	-0.36	0.29	0.56	0.36	1.14	1.042	.884	1.235
07/31/88	0.29	-0.06	0.76	0.47	0.33	0.59	1.272	1.146	1.444
08/01/88	0.06	-0.09	0.19	0.52	0.40	0.62	1.099	.999	1.179
08/02/88	-0.09	-0.14	-0.06	0.35	0.28	0.42	1.014	.954	1.050
08/03/88	-0.09	-0.13	-0.03	0.28	0.23	0.37	.918	.874	.989
08/04/88	0.05	-0.14	0.35	0.39	0.25	0.57	1.106	.962	1.194
08/05/88	0.24	0.05	0.33	0.31	0.21	0.43	1.024	.952	1.154

MOORING=07D
 LATITUDE=63-57.0'N
 LONGITUDE=172-06.1'W

DAILY STATISTICS
 INST DEPTH=48M
 SONIC DEPTH=55M

BEGINNING: 06/19/88
 ENDING: 10/03/88

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
08/06/88	0.36	0.27	0.48	0.30	0.24	0.39	.947	.911	.982
08/07/88	0.39	0.30	0.63	0.26	0.16	0.33	.894	.868	.911
08/08/88	0.25	0.11	0.38	0.22	0.15	0.29	.898	.857	.950
08/09/88	-0.10	-0.51	0.11	0.25	0.18	0.31	.982	.934	1.005
08/10/88	-0.50	-0.58	-0.29	0.25	0.17	0.33	.958	.907	1.025
08/11/88	-0.71	-0.94	-0.54	0.37	0.21	0.62	.840	.783	.902
08/12/88	-0.64	-0.94	-0.24	0.68	0.43	0.92	.951	.817	1.041
08/13/88	-0.85	-1.08	-0.66	0.41	0.23	0.57	1.165	1.005	1.310
08/14/88	-0.76	-1.14	-0.32	0.26	0.19	0.34	1.191	1.084	1.330
08/15/88	-0.73	-0.89	-0.50	0.27	0.17	0.38	1.141	1.006	1.233
08/16/88	-0.61	-0.85	-0.39	0.21	0.14	0.30	.998	.960	1.056
08/17/88	-1.00	-1.13	-0.84	0.31	0.20	0.38	1.135	1.047	1.228
08/18/88	-0.77	-1.11	0.03	0.24	0.16	0.34	.981	.880	1.073
08/19/88	1.05	0.08	2.09	0.22	0.12	0.30	.903	.821	.967
08/20/88	1.43	-0.00	2.16	0.25	0.17	0.33	.892	.789	1.070
08/21/88	-0.75	-1.07	-0.01	0.38	0.22	0.52	1.136	1.057	1.208
08/22/88	-1.19	-1.36	-0.97	0.48	0.39	0.62	1.411	1.250	1.498
08/23/88	-1.35	-1.39	-1.28	0.46	0.30	0.63	1.432	1.328	1.517
08/24/88	-1.10	-1.34	-0.95	0.43	0.34	0.58	1.434	1.368	1.527
08/25/88	-0.72	-1.08	-0.21	0.28	0.19	0.39	1.618	1.424	1.820
08/26/88	-1.23	-1.34	-0.93	0.40	0.26	0.69	1.339	1.258	1.413
08/27/88	-1.32	-1.36	-1.27	0.53	0.40	0.64	1.317	1.205	1.404
08/28/88	-1.37	-1.45	-1.28	0.39	0.23	0.53	1.198	1.122	1.356
08/29/88	-1.45	-1.50	-1.35	0.26	0.19	0.49	1.176	1.073	1.269
08/30/88	0.39	-1.33	2.40	0.36	0.20	0.62	1.371	1.095	1.954
08/31/88	2.13	0.87	2.90	1.06	0.48	1.28	2.823	1.620	4.067
09/01/88	1.90	1.65	2.20	0.81	0.55	1.07	2.226	1.483	3.251
09/02/88	2.18	2.15	2.21	0.52	0.43	0.60	1.395	1.261	1.763
09/03/88	1.90	1.79	2.15	0.57	0.47	0.76	1.616	1.385	1.850
09/04/88	2.14	1.85	2.54	0.51	0.32	0.69	1.803	1.374	2.042
09/05/88	1.13	0.58	2.24	0.24	0.13	0.45	1.573	1.172	2.169
09/06/88	0.53	-0.28	0.95	0.17	0.11	0.23	1.286	1.220	1.406
09/07/88	-0.63	-0.81	-0.32	0.12	0.07	0.17	1.116	1.053	1.215
09/08/88	-0.91	-1.02	-0.81	0.12	0.06	0.16	1.010	.907	1.082
09/09/88	-0.92	-1.22	-0.70	0.09	0.01	0.15	.928	.787	.982
09/10/88	-1.16	-1.30	-1.03	0.13	0.06	0.38	.916	.822	.990
09/11/88	-1.05	-1.09	-1.00	0.13	0.09	0.17	.934	.821	1.252
09/12/88	-1.09	-1.14	-1.01	0.14	0.09	0.18	.913	.821	1.046
09/13/88	-1.13	-1.21	-1.08	0.14	0.05	0.27	1.073	.963	1.159
09/14/88	-1.17	-1.22	-1.10	0.08	0.04	0.14	1.086	1.060	1.123
09/15/88	-1.22	-1.23	-1.17	0.06	0.00	0.10	1.072	.990	1.194
09/16/88	-0.58	-1.17	-0.21	0.11	0.02	0.18	.975	.931	1.020
09/17/88	-0.34	-1.18	1.06	0.17	0.08	0.32	1.308	.903	2.207
09/18/88	1.13	0.76	1.29	0.31	0.21	0.41	1.990	1.651	2.439
09/19/88	0.66	-0.29	1.74	0.29	0.18	0.49	1.867	1.608	2.310
09/20/88	2.03	1.09	2.73	0.58	0.44	0.74	2.447	1.565	3.187
09/21/88	1.86	1.08	2.45	0.40	0.34	0.49	1.408	1.342	1.643
09/22/88	1.87	1.66	2.39	0.36	0.28	0.44	1.168	1.050	1.553

MOORING=07D
LATITUDE=63-57.0'N
LONGITUDE=172-06.1'W

DAILY STATISTICS
INST DEPTH=48M
SONIC DEPTH=55M

BEGINNING: 06/19/88
ENDING: 10/03/88

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
09/23/88	1.65	1.18	1.90	0.30	0.19	0.38	1.391	1.132	1.744
09/24/88	1.05	0.83	1.20	0.35	0.21	0.62	1.195	1.133	1.373
09/25/88	1.07	0.94	1.25	0.38	0.16	0.73	1.115	1.054	1.170
09/26/88	1.18	0.97	1.85	0.39	0.18	0.73	1.168	1.057	1.383
09/27/88	1.39	0.80	1.76	0.36	0.22	0.96	1.445	1.298	1.695
09/28/88	1.14	0.29	1.86	0.44	0.26	0.68	1.394	1.295	1.547
09/29/88	1.91	0.55	2.62	0.54	0.27	1.10	1.140	.954	1.375
09/30/88	2.14	0.50	2.75	0.59	0.33	0.93	1.119	.928	1.561
10/01/88	0.63	0.15	0.91	0.44	0.23	0.75	1.392	1.250	2.022
10/02/88	-0.26	-0.74	0.14	0.27	0.08	0.60	1.305	.928	2.143
10/03/88	-0.85	-0.95	-0.75	0.12	0.03	0.32	.892	.861	.949

MOORING=08D
 LATITUDE=64-37.0'N
 LONGITUDE=170-50.4'W

DAILY STATISTICS
 INST DEPTH=15M
 SONIC DEPTH=47M

BEGINNING: 06/20/88
 ENDING: 10/02/88

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
06/20/88	0.15	-0.59	0.65	0.57	0.19	1.43	-	-	-
06/21/88	-0.15	-0.59	0.21	0.56	0.23	1.24	-	-	-
06/22/88	0.24	0.04	0.55	0.46	0.08	0.84	-	-	-
06/23/88	0.36	0.16	0.50	0.36	0.14	0.78	-	-	-
06/24/88	0.08	-0.32	0.41	0.86	0.28	1.82	-	-	-
06/25/88	0.33	-0.18	0.82	0.82	0.28	1.56	-	-	-
06/26/88	0.41	0.05	0.82	1.10	0.42	2.15	-	-	-
06/27/88	0.73	0.45	0.97	1.00	0.33	2.12	-	-	-
06/28/88	0.32	-0.01	0.85	0.91	0.28	1.83	-	-	-
06/29/88	0.11	-0.19	0.34	0.87	0.53	2.07	-	-	-
06/30/88	0.55	0.04	0.95	0.61	0.22	1.29	-	-	-
07/01/88	0.70	0.38	1.10	0.49	0.28	0.88	-	-	-
07/02/88	0.22	-0.31	0.49	1.45	0.13	4.36	-	-	-
07/03/88	0.21	0.04	0.46	2.89	0.16	6.82	-	-	-
07/04/88	0.26	0.08	0.56	0.79	0.23	1.90	-	-	-
07/05/88	0.34	-0.03	0.65	0.82	0.41	3.19	-	-	-
07/06/88	-0.12	-0.45	0.67	1.31	0.37	3.24	-	-	-
07/07/88	0.02	-0.17	0.25	0.93	0.51	1.67	-	-	-
07/08/88	0.14	0.03	0.24	0.60	0.28	1.26	-	-	-
07/09/88	-0.03	-0.24	0.20	0.70	0.24	1.12	-	-	-
07/10/88	0.31	0.02	0.52	0.60	0.29	1.00	-	-	-
07/11/88	0.53	-0.05	0.76	0.59	0.06	1.03	-	-	-
07/12/88	0.39	-0.03	0.63	0.42	0.11	0.86	-	-	-
07/13/88	0.39	0.13	0.81	0.23	0.07	0.46	-	-	-
07/14/88	0.29	0.08	0.59	0.21	0.00	0.32	-	-	-
07/15/88	0.44	0.21	0.90	0.20	0.04	0.36	-	-	-
07/16/88	0.64	0.45	0.80	0.19	0.09	0.31	-	-	-
07/17/88	0.57	0.43	0.63	0.27	0.13	0.50	-	-	-
07/18/88	0.45	0.27	0.75	0.22	0.11	0.40	-	-	-
07/19/88	0.26	0.04	0.48	0.29	0.16	0.43	-	-	-
07/20/88	0.63	0.16	0.93	0.35	0.20	0.48	-	-	-
07/21/88	0.49	0.23	0.70	0.30	0.22	0.44	-	-	-
07/22/88	0.89	0.65	1.04	0.31	0.19	0.42	-	-	-
07/23/88	0.73	0.54	0.88	0.52	0.22	0.84	-	-	-
07/24/88	0.47	0.36	0.70	0.65	0.36	1.03	-	-	-
07/25/88	0.53	0.34	0.61	0.95	0.72	1.54	-	-	-
07/26/88	0.69	0.58	0.77	0.81	0.50	1.12	-	-	-
07/27/88	0.69	0.53	0.90	0.80	0.47	1.19	-	-	-
07/28/88	0.49	0.39	0.72	0.80	0.57	1.19	-	-	-
07/29/88	0.49	0.26	1.06	0.82	0.57	1.21	-	-	-
07/30/88	0.81	0.64	0.98	0.88	0.58	1.38	-	-	-
07/31/88	0.95	0.77	1.16	1.01	0.69	1.40	-	-	-
08/01/88	1.23	1.00	1.37	0.59	0.44	0.94	-	-	-
08/02/88	1.22	0.99	1.47	0.47	0.36	0.61	-	-	-
08/03/88	1.35	1.15	1.52	0.42	0.35	0.49	-	-	-
08/04/88	1.33	1.22	1.49	0.41	0.33	0.54	-	-	-
08/05/88	1.13	1.02	1.35	0.32	0.10	0.43	-	-	-
08/06/88	1.29	1.14	1.68	0.30	0.13	0.45	-	-	-

MOORING=08D
 LATITUDE=64-37.0'N
 LONGITUDE=170-50.4'W

DAILY STATISTICS
 INST DEPTH=15M
 SONIC DEPTH=47M

BEGINNING: 06/20/88
 ENDING: 10/02/88

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
08/07/88	1.29	1.18	1.41	0.37	0.21	0.68	-	-	-
08/08/88	1.26	1.17	1.40	0.37	0.26	0.62	-	-	-
08/09/88	1.42	1.24	1.57	0.45	0.29	0.67	-	-	-
08/10/88	1.41	1.12	1.53	0.46	0.17	0.92	-	-	-
08/11/88	1.22	0.91	1.58	0.31	0.19	0.44	-	-	-
08/12/88	1.14	0.83	1.73	0.37	0.07	2.30	-	-	-
08/13/88	0.96	0.56	2.99	0.55	0.15	1.60	-	-	-
08/14/88	1.41	0.76	1.85	0.38	0.26	0.64	-	-	-
08/15/88	1.75	1.50	1.93	0.44	0.27	0.56	-	-	-
08/16/88	1.88	1.78	2.01	0.47	0.35	0.76	-	-	-
08/17/88	1.94	1.67	2.19	0.57	0.36	0.90	-	-	-
08/18/88	1.98	1.72	2.25	0.50	0.35	0.80	-	-	-
08/19/88	2.13	1.69	2.62	3.34	0.62	6.18	-	-	-
08/20/88	2.60	2.57	2.66	6.32	5.16	7.31	-	-	-
08/21/88	2.16	1.79	2.58	2.24	0.43	6.23	-	-	-
08/22/88	2.05	1.81	2.44	0.55	0.38	0.92	-	-	-
08/23/88	2.22	1.71	2.57	0.51	0.35	0.76	-	-	-
08/24/88	2.36	1.64	2.83	0.48	0.30	0.74	-	-	-
08/25/88	2.80	2.49	2.94	0.44	0.33	0.68	-	-	-
08/26/88	2.65	2.55	2.73	0.32	0.27	0.43	-	-	-
08/27/88	1.76	1.10	2.67	0.44	0.34	0.64	-	-	-
08/28/88	1.14	1.05	1.25	0.53	0.35	0.72	-	-	-
08/29/88	1.76	1.11	2.76	1.38	0.40	2.85	-	-	-
08/30/88	2.44	1.37	3.15	0.71	0.35	1.19	-	-	-
08/31/88	2.63	2.42	2.86	0.96	0.71	1.47	-	-	-
09/01/88	2.62	2.51	2.70	0.84	0.70	0.95	-	-	-
09/02/88	2.69	2.48	2.94	0.73	0.53	1.00	-	-	-
09/03/88	2.86	2.58	3.06	0.49	0.40	0.58	-	-	-
09/04/88	2.64	2.31	2.88	0.42	0.33	0.54	-	-	-
09/05/88	2.15	1.73	2.72	0.46	0.30	0.85	-	-	-
09/06/88	2.25	1.83	2.58	0.74	0.55	1.11	-	-	-
09/07/88	2.54	2.39	2.76	0.58	0.48	0.75	-	-	-
09/08/88	2.66	2.51	2.86	0.60	0.50	0.76	-	-	-
09/09/88	2.13	1.10	2.70	0.55	0.33	0.74	-	-	-
09/10/88	0.66	0.10	1.28	0.32	0.17	0.56	-	-	-
09/11/88	0.13	-0.18	0.31	0.29	0.18	0.42	-	-	-
09/12/88	0.04	-0.23	0.32	0.26	0.15	0.37	-	-	-
09/13/88	0.87	0.04	1.63	0.34	0.19	0.56	-	-	-
09/14/88	0.46	0.21	0.73	0.40	0.27	0.60	-	-	-
09/15/88	0.16	-0.06	0.32	0.32	0.20	0.41	-	-	-
09/16/88	1.05	0.26	1.64	0.54	0.31	0.76	-	-	-
09/17/88	0.83	0.49	1.43	0.51	0.30	0.71	-	-	-
09/18/88	0.70	0.34	1.26	0.41	0.29	0.52	-	-	-
09/19/88	1.42	1.17	2.18	0.75	0.43	1.12	-	-	-
09/20/88	1.73	1.55	2.20	1.25	0.76	1.55	-	-	-
09/21/88	1.80	1.50	2.00	0.91	0.60	1.31	-	-	-
09/22/88	1.48	1.13	2.01	0.72	0.48	0.88	-	-	-
09/23/88	0.87	0.49	1.20	0.44	0.34	0.72	-	-	-

MOORING=08D
LATITUDE=64-37.0'N
LONGITUDE=170-50.4'W

DAILY STATISTICS
INST DEPTH=15M
SONIC DEPTH=47M

BEGINNING: 06/20/88
ENDING: 10/02/88

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
09/24/88	0.29	0.12	0.49	0.32	0.22	0.40	-	-	-
09/25/88	0.19	0.13	0.31	0.33	0.25	0.43	-	-	-
09/26/88	0.51	0.15	1.62	0.36	0.29	0.48	-	-	-
09/27/88	2.31	1.53	2.76	0.44	0.34	0.53	-	-	-
09/28/88	2.72	2.42	2.89	0.51	0.41	0.61	-	-	-
09/29/88	1.78	0.40	2.65	0.46	0.35	0.59	-	-	-
09/30/88	1.85	0.64	2.53	0.46	0.29	0.56	-	-	-
10/01/88	2.48	1.73	2.70	0.47	0.36	0.56	-	-	-
10/02/88	2.31	2.06	2.53	0.46	0.36	0.54	-	-	-

MOORING=18B
 LATITUDE=64-37.2'N
 LONGITUDE=169-45.2'W

DAILY STATISTICS
 INST DEPTH=17M
 SONIC DEPTH=46M

BEGINNING: 06/20/88
 ENDING: 08/19/88

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
06/20/88	0.38	0.22	0.88	1.27	0.70	2.98	-	-	-
06/21/88	-0.01	-0.16	0.17	1.56	0.92	2.56	-	-	-
06/22/88	0.02	-0.12	0.32	1.76	0.99	2.87	-	-	-
06/23/88	0.44	0.19	0.81	1.64	0.85	2.40	-	-	-
06/24/88	0.33	-0.01	0.87	2.88	1.68	4.57	-	-	-
06/25/88	0.17	-0.00	0.25	2.49	1.46	3.42	-	-	-
06/26/88	0.19	0.11	0.27	2.55	1.59	3.54	-	-	-
06/27/88	0.27	0.07	0.42	2.26	1.41	4.50	-	-	-
06/28/88	0.00	-0.25	0.47	2.53	1.52	3.57	-	-	-
06/29/88	0.27	-0.24	0.69	2.43	1.48	3.62	-	-	-
06/30/88	0.25	0.09	0.39	1.93	0.96	3.69	-	-	-
07/01/88	-0.12	-0.60	0.37	1.73	1.03	3.71	-	-	-
07/02/88	0.16	-0.50	1.12	1.92	1.10	2.98	-	-	-
07/03/88	0.61	0.23	0.94	1.28	0.92	2.02	-	-	-
07/04/88	0.33	0.20	0.43	1.15	0.92	1.47	-	-	-
07/05/88	0.24	-0.09	0.86	1.28	0.93	2.10	-	-	-
07/06/88	0.34	0.17	0.89	1.39	0.97	3.05	-	-	-
07/07/88	0.69	0.40	0.92	1.84	1.21	3.05	-	-	-
07/08/88	0.66	0.52	1.21	1.89	1.30	2.84	-	-	-
07/09/88	0.54	0.34	0.81	2.04	1.49	3.38	-	-	-
07/10/88	0.32	0.19	0.62	1.67	1.05	2.58	-	-	-
07/11/88	0.46	0.24	0.68	1.94	1.20	2.51	-	-	-
07/12/88	0.60	0.33	0.78	1.74	1.36	2.26	-	-	-
07/13/88	0.92	0.56	1.40	1.74	1.40	2.15	-	-	-
07/14/88	0.73	0.49	1.02	2.07	1.63	2.72	-	-	-
07/15/88	0.88	0.50	1.32	2.43	1.78	3.06	-	-	-
07/16/88	0.61	0.37	0.89	3.10	2.35	3.96	-	-	-
07/17/88	0.59	0.38	0.75	4.11	3.74	4.53	-	-	-
07/18/88	0.52	0.25	0.78	3.82	2.90	4.61	-	-	-
07/19/88	0.38	0.12	1.03	2.49	1.85	3.12	-	-	-
07/20/88	0.64	0.38	0.87	1.75	1.49	2.03	-	-	-
07/21/88	0.54	0.41	0.84	1.57	1.49	1.66	-	-	-
07/22/88	0.74	0.60	1.17	1.69	1.58	1.80	-	-	-
07/23/88	0.67	0.56	0.79	1.72	1.64	1.85	-	-	-
07/24/88	0.92	0.62	1.23	1.74	1.60	1.83	-	-	-
07/25/88	0.94	0.80	1.38	1.73	1.63	1.79	-	-	-
07/26/88	1.00	0.79	1.32	1.74	1.65	1.83	-	-	-
07/27/88	0.94	0.72	1.34	1.81	1.68	1.92	-	-	-
07/28/88	0.68	0.52	1.03	2.07	1.89	2.16	-	-	-
07/29/88	0.70	0.53	0.99	2.30	2.15	2.50	-	-	-
07/30/88	0.76	0.35	0.97	2.28	2.04	2.58	-	-	-
07/31/88	0.85	0.45	1.67	2.61	2.29	2.93	-	-	-
08/01/88	1.20	1.10	1.36	2.70	1.04	3.27	-	-	-
08/02/88	1.27	1.15	1.62	1.54	0.98	3.24	-	-	-
08/03/88	1.38	1.15	1.91	1.87	0.98	3.35	-	-	-
08/04/88	1.94	1.60	2.45	1.28	0.99	3.45	-	-	-
08/05/88	2.33	2.08	3.01	1.15	1.00	3.41	-	-	-
08/06/88	1.64	1.15	2.21	-	-	-	-	-	-

MOORING=18B
LATITUDE=64-37.2'N
LONGITUDE=169-45.2'W

DAILY STATISTICS
INST DEPTH=17M
SONIC DEPTH=46M

BEGINNING: 06/20/88
ENDING: 08/19/88

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
08/07/88	1.09	0.89	1.36	-	-	-	-	-	-
08/08/88	0.99	0.74	1.19	-	-	-	-	-	-
08/09/88	1.18	1.03	1.46	-	-	-	-	-	-
08/10/88	1.11	0.96	1.27	-	-	-	-	-	-
08/11/88	1.38	1.21	1.76	-	-	-	-	-	-
08/12/88	1.68	1.46	2.36	-	-	-	-	-	-
08/13/88	1.73	1.42	2.61	-	-	-	-	-	-
08/14/88	2.04	0.99	3.17	-	-	-	-	-	-
08/15/88	3.50	2.38	4.65	-	-	-	-	-	-
08/16/88	3.36	2.48	4.13	-	-	-	-	-	-
08/17/88	1.31	1.10	3.32	-	-	-	-	-	-
08/18/88	1.64	1.10	3.41	-	-	-	-	-	-
08/19/88	2.78	2.13	3.15	-	-	-	-	-	-

MOORING=18B
 LATITUDE=64-37.2'N
 LONGITUDE=169-45.2'W

DAILY STATISTICS
 INST DEPTH=39M
 SONIC DEPTH=46M

BEGINNING: 06/20/88
 ENDING: 10/02/88

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
06/20/88	0.24	-0.02	0.43	0.67	0.33	1.25	-	-	-
06/21/88	-0.06	-0.16	0.03	0.78	0.40	1.50	-	-	-
06/22/88	-0.12	-0.15	-0.05	0.75	0.39	1.20	-	-	-
06/23/88	0.12	-0.11	0.25	0.78	0.39	1.27	-	-	-
06/24/88	-0.08	-0.30	0.27	0.73	0.37	1.44	-	-	-
06/25/88	0.14	-0.19	0.23	1.56	0.89	2.69	-	-	-
06/26/88	0.18	0.09	0.28	1.45	0.75	2.26	-	-	-
06/27/88	0.23	0.09	0.31	0.98	0.56	2.23	-	-	-
06/28/88	-0.02	-0.16	0.33	1.12	0.46	2.46	-	-	-
06/29/88	0.25	-0.13	0.44	0.92	0.48	1.72	-	-	-
06/30/88	0.24	0.12	0.50	0.66	0.37	1.49	-	-	-
07/01/88	-0.19	-0.54	0.31	0.77	0.43	1.23	-	-	-
07/02/88	-0.03	-0.54	0.70	1.09	0.63	1.61	-	-	-
07/03/88	0.53	0.21	0.79	0.72	0.49	1.16	-	-	-
07/04/88	0.27	0.17	0.35	0.61	0.41	0.88	-	-	-
07/05/88	-0.04	-0.15	0.24	0.87	0.46	1.74	-	-	-
07/06/88	0.30	0.00	0.61	0.80	0.44	2.04	-	-	-
07/07/88	0.57	0.35	0.76	0.85	0.47	1.60	-	-	-
07/08/88	0.58	0.48	0.71	1.17	0.59	2.55	-	-	-
07/09/88	0.44	0.25	0.61	1.21	0.70	1.97	-	-	-
07/10/88	0.33	0.16	0.61	1.08	0.86	1.68	-	-	-
07/11/88	0.41	0.23	0.65	1.37	0.90	2.07	-	-	-
07/12/88	0.54	0.30	0.68	1.19	0.82	2.38	-	-	-
07/13/88	0.80	0.63	1.01	0.95	0.62	1.32	-	-	-
07/14/88	0.61	0.37	0.88	0.74	0.52	1.26	-	-	-
07/15/88	0.75	0.26	0.85	0.70	0.49	1.12	-	-	-
07/16/88	0.33	0.24	0.46	0.62	0.50	0.91	-	-	-
07/17/88	0.30	0.20	0.49	0.52	0.39	0.76	-	-	-
07/18/88	0.26	0.15	0.36	0.51	0.40	0.73	-	-	-
07/19/88	0.21	0.09	0.32	0.49	0.40	0.57	-	-	-
07/20/88	0.53	0.35	0.70	0.52	0.42	0.65	-	-	-
07/21/88	0.46	0.38	0.61	0.51	0.41	0.69	-	-	-
07/22/88	0.66	0.59	0.74	0.56	0.42	0.81	-	-	-
07/23/88	0.65	0.57	0.74	0.42	0.30	0.55	-	-	-
07/24/88	0.85	0.59	0.98	0.39	0.30	0.51	-	-	-
07/25/88	0.89	0.81	0.99	0.48	0.35	0.64	-	-	-
07/26/88	0.76	0.66	0.91	0.56	0.45	0.69	-	-	-
07/27/88	0.77	0.63	0.99	0.61	0.46	0.85	-	-	-
07/28/88	0.72	0.56	0.94	0.70	0.48	0.99	-	-	-
07/29/88	0.70	0.53	1.02	0.78	0.53	1.36	-	-	-
07/30/88	0.77	0.63	0.87	0.87	0.57	1.15	-	-	-
07/31/88	0.62	0.48	0.77	0.72	0.44	1.05	-	-	-
08/01/88	1.07	0.77	1.23	0.55	0.44	0.69	-	-	-
08/02/88	1.16	1.10	1.22	0.59	0.48	0.71	-	-	-
08/03/88	1.19	1.09	1.41	0.52	0.41	0.70	-	-	-
08/04/88	1.65	1.40	1.80	0.48	0.40	0.60	-	-	-
08/05/88	1.96	1.74	2.54	0.47	0.40	0.55	-	-	-
08/06/88	1.37	1.09	2.09	0.49	0.41	0.56	-	-	-

MOORING=18B
 LATITUDE=64-37.2'N
 LONGITUDE=169-45.2'W

DAILY STATISTICS
 INST DEPTH=39M
 SONIC DEPTH=46M

BEGINNING: 06/20/88
 ENDING: 10/02/88

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
08/07/88	0.96	0.87	1.15	0.38	0.24	0.49	-	-	-
08/08/88	0.85	0.72	1.04	0.32	0.23	0.40	-	-	-
08/09/88	0.93	0.80	1.11	0.32	0.26	0.38	-	-	-
08/10/88	1.05	0.91	1.18	0.31	0.20	0.44	-	-	-
08/11/88	1.23	1.09	1.34	0.26	0.17	0.36	-	-	-
08/12/88	1.38	1.25	1.65	0.28	0.19	0.35	-	-	-
08/13/88	1.41	1.29	1.59	0.31	0.23	0.37	-	-	-
08/14/88	1.02	0.92	1.27	0.33	0.23	0.49	-	-	-
08/15/88	1.05	1.00	1.15	0.29	0.23	0.37	-	-	-
08/16/88	1.01	0.98	1.02	0.26	0.20	0.32	-	-	-
08/17/88	1.05	1.01	1.12	0.30	0.21	0.39	-	-	-
08/18/88	1.05	1.01	1.06	0.33	0.23	0.44	-	-	-
08/19/88	0.97	0.92	1.01	0.35	0.25	0.59	-	-	-
08/20/88	0.94	0.88	1.03	0.49	0.37	0.64	-	-	-
08/21/88	1.06	0.93	1.53	1.01	0.37	3.11	-	-	-
08/22/88	1.04	0.88	1.23	0.42	0.26	0.59	-	-	-
08/23/88	1.82	1.24	2.39	0.39	0.22	0.59	-	-	-
08/24/88	2.42	2.07	2.74	0.59	0.44	0.83	-	-	-
08/25/88	2.03	1.89	2.21	0.42	0.33	0.52	-	-	-
08/26/88	1.03	0.24	2.39	0.44	0.36	0.55	-	-	-
08/27/88	0.78	0.40	1.25	0.40	0.32	0.48	-	-	-
08/28/88	1.31	1.14	1.52	0.38	0.31	0.44	-	-	-
08/29/88	1.70	1.28	2.36	0.43	0.29	0.69	-	-	-
08/30/88	2.34	2.20	2.47	0.77	0.60	0.97	-	-	-
08/31/88	3.18	2.50	3.49	1.09	0.83	1.50	-	-	-
09/01/88	3.31	3.13	3.68	1.13	0.78	1.38	-	-	-
09/02/88	3.01	2.89	3.18	1.05	0.79	1.35	-	-	-
09/03/88	2.92	2.78	3.02	0.68	0.49	0.82	-	-	-
09/04/88	3.13	2.95	3.20	0.53	0.43	0.64	-	-	-
09/05/88	2.66	2.53	3.09	0.47	0.36	0.56	-	-	-
09/06/88	2.71	2.39	2.87	0.36	0.22	0.50	-	-	-
09/07/88	2.76	2.23	3.00	0.32	0.23	0.46	-	-	-
09/08/88	1.97	1.85	2.29	0.53	0.35	0.69	-	-	-
09/09/88	1.97	1.89	2.19	0.62	0.41	1.11	-	-	-
09/10/88	2.33	2.08	2.49	0.58	0.35	1.27	-	-	-
09/11/88	2.16	1.77	2.59	0.36	0.26	0.48	-	-	-
09/12/88	1.51	1.11	2.43	0.30	0.21	0.39	-	-	-
09/13/88	1.50	1.02	2.76	0.33	0.24	0.44	-	-	-
09/14/88	1.58	0.38	3.56	0.35	0.24	0.50	-	-	-
09/15/88	0.40	0.03	0.78	0.29	0.20	0.37	-	-	-
09/16/88	0.14	0.07	0.34	0.22	0.14	0.32	-	-	-
09/17/88	0.21	0.06	0.41	0.23	0.13	0.29	-	-	-
09/18/88	0.45	0.22	0.56	0.26	0.19	0.34	-	-	-
09/19/88	0.45	0.12	1.08	0.34	0.20	0.49	-	-	-
09/20/88	2.15	0.95	2.74	0.52	0.38	0.91	-	-	-
09/21/88	2.10	1.51	2.73	0.48	0.39	0.58	-	-	-
09/22/88	1.50	1.25	1.85	0.51	0.34	0.78	-	-	-
09/23/88	1.31	1.10	1.84	0.48	0.34	0.69	-	-	-

MOORING=18B
LATITUDE=64-37.2'N
LONGITUDE=169-45.2'W

DAILY STATISTICS
INST DEPTH=39M
SONIC DEPTH=46M

BEGINNING: 06/20/88
ENDING: 10/02/88

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
09/24/88	1.06	0.98	1.12	0.38	0.27	0.50	-	-	-
09/25/88	1.15	1.11	1.23	0.32	0.22	0.40	-	-	-
09/26/88	1.09	0.93	1.24	0.33	0.20	0.41	-	-	-
09/27/88	0.66	0.40	1.06	0.23	0.11	0.34	-	-	-
09/28/88	0.56	0.50	0.73	0.19	0.10	0.27	-	-	-
09/29/88	0.72	0.52	1.07	0.19	0.00	0.31	-	-	-
09/30/88	0.63	0.53	1.11	0.17	0.06	0.34	-	-	-
10/01/88	0.59	0.54	0.84	0.20	0.06	0.38	-	-	-
10/02/88	0.60	0.55	1.31	0.22	0.15	0.40	-	-	-

MOORING=21B
 LATITUDE=65-45.8'N
 LONGITUDE=168-27.7'W

DAILY STATISTICS
 INST DEPTH=14M
 SONIC DEPTH=56M

BEGINNING: 06/22/88
 ENDING: 10/07/88

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
06/22/88	0.17	0.15	0.21	1.92	1.15	3.26	-	-	-
06/23/88	0.08	-0.21	0.61	1.75	0.82	3.64	-	-	-
06/24/88	0.24	-0.46	0.75	7.62	1.89	9.83	-	-	-
06/25/88	0.52	-0.61	2.54	3.71	0.99	9.78	-	-	-
06/26/88	0.77	-0.52	2.81	4.58	2.63	9.69	-	-	-
06/27/88	1.56	-0.44	3.08	9.15	8.82	9.51	-	-	-
06/28/88	1.82	-0.13	2.89	5.18	1.73	9.14	-	-	-
06/29/88	1.13	0.13	2.45	5.09	2.57	9.46	-	-	-
06/30/88	2.02	0.37	2.95	5.98	3.85	9.46	-	-	-
07/01/88	1.49	-0.50	3.09	5.40	1.27	9.66	-	-	-
07/02/88	0.87	-0.30	2.42	4.53	1.73	8.44	-	-	-
07/03/88	0.91	-0.02	3.26	6.85	3.76	9.80	-	-	-
07/04/88	0.45	0.09	0.67	4.97	2.92	8.94	-	-	-
07/05/88	0.94	0.56	3.12	3.76	2.50	5.39	-	-	-
07/06/88	0.83	0.53	1.88	5.75	3.44	9.72	-	-	-
07/07/88	1.36	0.66	2.74	5.52	2.96	9.67	-	-	-
07/08/88	1.14	0.33	2.29	-	-	-	-	-	-
07/09/88	0.39	-0.05	0.68	4.03	2.86	5.55	-	-	-
07/10/88	0.55	0.22	1.04	4.40	2.58	7.68	-	-	-
07/11/88	0.73	0.27	1.52	3.17	2.53	3.90	-	-	-
07/12/88	0.67	0.29	1.38	4.31	3.02	5.63	-	-	-
07/13/88	0.66	0.35	0.95	5.56	3.82	7.08	-	-	-
07/14/88	0.69	0.36	1.73	5.04	3.58	6.56	-	-	-
07/15/88	1.23	0.55	2.95	4.87	3.63	5.55	-	-	-
07/16/88	1.55	0.18	3.64	5.53	4.21	6.57	-	-	-
07/17/88	2.37	2.01	3.01	6.08	5.67	6.64	-	-	-
07/18/88	2.09	1.14	3.82	5.08	4.41	5.93	-	-	-
07/19/88	1.98	1.09	3.08	3.43	2.51	4.52	-	-	-
07/20/88	1.90	1.32	2.52	2.42	1.93	2.79	-	-	-
07/21/88	1.70	0.84	2.88	2.14	1.77	2.62	-	-	-
07/22/88	1.59	1.20	1.99	1.85	1.30	2.22	-	-	-
07/23/88	1.55	1.11	1.97	1.77	1.44	2.07	-	-	-
07/24/88	1.58	0.83	2.65	1.80	1.49	2.63	-	-	-
07/25/88	1.14	0.81	2.81	1.64	1.35	1.99	-	-	-
07/26/88	1.45	1.17	1.92	1.83	1.34	2.49	-	-	-
07/27/88	1.69	1.27	2.44	1.71	1.27	2.11	-	-	-
07/28/88	2.03	1.62	2.36	1.53	1.27	1.79	-	-	-
07/29/88	1.82	1.64	2.03	1.46	1.10	1.66	-	-	-
07/30/88	2.58	1.60	3.93	1.45	1.10	1.94	-	-	-
07/31/88	2.70	2.33	3.25	1.52	1.29	1.82	-	-	-
08/01/88	2.92	1.78	4.21	1.38	1.02	1.68	-	-	-
08/02/88	4.05	3.47	4.68	1.28	0.93	1.58	-	-	-
08/03/88	3.62	2.70	4.76	1.83	1.23	3.18	-	-	-
08/04/88	2.25	1.80	3.13	1.94	1.28	2.54	-	-	-
08/05/88	2.34	1.96	3.05	1.85	1.29	2.62	-	-	-
08/06/88	3.18	2.63	5.04	1.68	1.20	2.37	-	-	-
08/07/88	2.79	2.64	3.44	1.22	0.90	1.71	-	-	-
08/08/88	2.39	1.82	2.73	1.22	0.81	1.90	-	-	-

MOORING=21B
 LATITUDE=65-45.8'N
 LONGITUDE=168-27.7'W

DAILY STATISTICS
 INST DEPTH=14M
 SONIC DEPTH=56M

BEGINNING: 06/22/88
 ENDING: 10/07/88

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
08/09/88	2.87	2.04	5.25	1.39	0.89	1.77	-	-	-
08/10/88	2.63	1.50	4.32	1.65	1.31	2.09	-	-	-
08/11/88	2.64	1.66	4.10	1.62	1.29	1.90	-	-	-
08/12/88	1.97	1.71	2.29	1.42	0.71	2.93	-	-	-
08/13/88	2.43	2.02	4.17	1.37	0.72	2.83	-	-	-
08/14/88	3.77	2.77	6.49	2.66	1.81	5.04	-	-	-
08/15/88	5.79	3.48	7.56	2.27	1.64	2.84	-	-	-
08/16/88	7.98	7.48	8.64	1.83	1.39	2.46	-	-	-
08/17/88	7.67	7.39	8.18	1.96	1.60	2.48	-	-	-
08/18/88	7.47	7.01	7.99	2.75	2.00	3.56	-	-	-
08/19/88	6.95	6.44	8.06	2.32	1.90	3.55	-	-	-
08/20/88	10.02	7.95	10.79	3.58	2.80	4.12	-	-	-
08/21/88	9.90	8.29	11.40	3.07	2.24	4.56	-	-	-
08/22/88	9.79	8.10	11.09	1.58	1.25	3.04	-	-	-
08/23/88	4.96	1.38	11.10	1.84	1.17	4.88	-	-	-
08/24/88	5.40	2.86	6.53	2.43	1.13	3.98	-	-	-
08/25/88	4.80	3.75	6.54	1.49	0.96	2.54	-	-	-
08/26/88	5.83	4.69	7.03	1.04	0.64	1.44	-	-	-
08/27/88	7.06	6.03	7.81	1.16	0.92	1.39	-	-	-
08/28/88	6.62	5.59	7.79	1.04	0.73	1.33	-	-	-
08/29/88	7.52	5.32	9.26	1.08	0.68	1.27	-	-	-
08/30/88	9.22	7.29	9.48	1.39	0.87	1.62	-	-	-
08/31/88	7.53	6.39	8.61	1.02	0.66	1.47	-	-	-
09/01/88	7.79	7.09	8.58	1.28	0.99	1.43	-	-	-
09/02/88	7.41	6.52	7.61	1.20	0.92	1.36	-	-	-
09/03/88	7.35	6.62	7.65	0.96	0.66	1.29	-	-	-
09/04/88	7.39	6.90	7.79	1.00	0.63	1.34	-	-	-
09/05/88	6.81	5.01	7.36	0.83	0.61	1.00	-	-	-
09/06/88	6.48	4.22	7.60	0.89	0.66	1.06	-	-	-
09/07/88	5.79	4.27	6.89	0.80	0.51	1.30	-	-	-
09/08/88	4.10	2.69	5.80	0.75	0.34	1.10	-	-	-
09/09/88	5.06	2.85	6.44	0.83	0.34	1.22	-	-	-
09/10/88	5.28	4.24	6.24	0.86	0.60	1.10	-	-	-
09/11/88	5.35	4.43	6.02	0.80	0.38	1.07	-	-	-
09/12/88	4.66	4.05	5.44	0.74	0.31	1.02	-	-	-
09/13/88	3.70	3.19	5.03	0.74	0.53	0.86	-	-	-
09/14/88	3.67	3.34	4.16	0.86	0.42	1.63	-	-	-
09/15/88	3.90	3.71	4.05	0.83	0.50	1.17	-	-	-
09/16/88	5.10	3.95	6.14	0.80	0.32	1.12	-	-	-
09/17/88	4.97	4.34	5.84	0.70	0.26	1.09	-	-	-
09/18/88	4.89	4.37	5.48	0.55	0.00	0.89	-	-	-
09/19/88	5.65	4.83	7.69	0.67	0.35	1.26	-	-	-
09/20/88	6.16	4.20	6.85	1.27	0.77	1.46	-	-	-
09/21/88	6.29	5.95	6.53	1.19	0.97	1.43	-	-	-
09/22/88	5.99	5.59	6.21	1.04	0.87	1.25	-	-	-
09/23/88	5.91	5.72	6.06	0.83	0.62	1.05	-	-	-
09/24/88	5.85	5.06	6.29	0.72	0.49	0.99	-	-	-
09/25/88	5.68	5.35	5.86	0.65	0.26	0.91	-	-	-

MOORING=21B
LATITUDE=65-45.8'N
LONGITUDE=168-27.7'W

DAILY STATISTICS
INST DEPTH=14M
SONIC DEPTH=56M

BEGINNING: 06/22/88
ENDING: 10/07/88

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
09/26/88	5.72	5.41	6.21	1.93	0.41	6.36	-	-	-
09/27/88	4.95	4.06	5.80	2.34	0.71	7.19	-	-	-
09/28/88	4.41	4.10	4.74	1.33	0.52	1.68	-	-	-
09/29/88	4.89	4.17	5.48	1.59	0.71	1.93	-	-	-
09/30/88	4.63	3.97	5.51	1.87	0.73	3.37	-	-	-
10/01/88	4.49	4.19	4.89	0.49	0.25	1.61	-	-	-
10/02/88	4.69	4.45	4.81	0.40	0.18	1.72	-	-	-
10/03/88	4.75	4.70	4.80	0.43	0.23	0.79	-	-	-
10/04/88	4.63	4.57	4.72	0.78	0.49	1.14	-	-	-
10/05/88	4.52	4.30	4.60	1.47	0.97	2.91	-	-	-
10/06/88	4.00	3.03	4.63	2.60	2.15	2.86	-	-	-
10/07/88	3.09	2.77	3.71	2.58	2.30	2.81	-	-	-

MOORING=21B
 LATITUDE=65-45.8'N
 LONGITUDE=168-27.7'W

DAILY STATISTICS
 INST DEPTH=48M
 SONIC DEPTH=56M

BEGINNING: 06/22/88
 ENDING: 10/07/88

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
06/22/88	0.17	0.08	0.25	0.28	0.10	0.51	.786	.757	.822
06/23/88	-0.08	-0.39	0.61	0.35	0.05	0.97	.737	.627	.915
06/24/88	-0.36	-0.83	0.20	0.29	0.04	0.76	.677	.603	.752
06/25/88	-0.99	-1.13	-0.66	0.63	0.19	1.25	.756	.696	.804
06/26/88	-0.79	-0.98	-0.51	0.89	0.29	1.55	.790	.683	.861
06/27/88	-0.37	-0.74	0.12	0.49	0.11	1.38	.712	.653	.825
06/28/88	-0.14	-0.48	0.15	0.48	0.09	0.99	.739	.662	.838
06/29/88	0.12	-0.06	0.40	0.52	0.14	1.14	.719	.659	.824
06/30/88	0.11	-0.63	0.52	0.60	0.12	1.92	.776	.661	.937
07/01/88	-0.45	-0.76	-0.20	1.44	0.65	2.49	1.029	.880	1.295
07/02/88	-0.44	-0.81	-0.15	2.22	1.62	3.56	1.333	1.102	1.545
07/03/88	-0.07	-0.27	0.12	2.07	1.44	2.72	1.497	1.261	1.783
07/04/88	0.24	-0.09	0.52	2.28	1.27	3.65	1.663	1.155	2.279
07/05/88	0.46	0.27	0.77	1.84	0.55	2.77	1.193	.784	1.584
07/06/88	0.51	0.33	0.78	1.15	0.59	2.07	.838	.736	.911
07/07/88	1.10	0.49	1.45	0.99	0.56	1.75	.896	.767	1.006
07/08/88	0.26	-0.17	1.09	1.03	0.53	1.74	1.323	.850	1.962
07/09/88	0.14	-0.27	0.37	1.22	0.60	1.88	.968	.817	1.145
07/10/88	0.28	-0.07	0.82	1.78	1.17	2.80	1.076	.939	1.305
07/11/88	0.46	0.06	1.25	1.57	0.56	2.69	1.069	.948	1.216
07/12/88	0.41	0.09	1.06	1.05	0.50	1.71	1.033	.937	1.193
07/13/88	0.38	0.08	0.76	1.15	0.72	1.86	1.020	.940	1.079
07/14/88	0.27	0.12	0.43	1.12	0.68	1.62	.990	.950	1.076
07/15/88	0.65	0.38	1.21	0.97	0.62	1.38	1.023	.946	1.177
07/16/88	0.98	-0.03	1.74	1.12	0.51	1.98	1.203	.929	1.882
07/17/88	1.81	1.60	2.05	1.54	1.06	2.19	1.265	1.082	2.331
07/18/88	1.33	0.79	1.97	0.99	0.59	1.39	1.421	.965	2.137
07/19/88	1.67	0.80	2.28	1.01	0.68	1.74	1.184	.926	1.994
07/20/88	1.60	0.86	2.16	0.96	0.50	2.87	.963	.843	1.235
07/21/88	1.19	0.56	1.48	0.74	0.44	1.67	.953	.864	1.094
07/22/88	1.29	0.91	1.51	1.08	0.41	2.15	1.072	.891	1.344
07/23/88	1.23	0.92	1.66	1.13	0.48	3.03	.988	.819	1.285
07/24/88	0.81	0.61	1.04	1.29	0.61	2.99	1.119	.911	1.324
07/25/88	0.82	0.59	1.08	1.85	0.83	2.96	1.091	.955	1.301
07/26/88	1.21	0.99	1.28	1.28	0.93	1.46	1.622	1.118	2.002
07/27/88	1.39	1.08	1.78	2.29	0.74	5.85	1.415	1.008	1.761
07/28/88	1.81	1.38	2.14	2.34	0.36	4.54	1.628	1.068	2.289
07/29/88	1.56	1.35	1.81	0.53	0.39	0.83	1.433	1.165	2.061
07/30/88	2.05	1.30	2.95	0.42	0.25	0.67	1.447	1.019	3.344
07/31/88	2.56	2.18	3.07	0.74	0.54	1.30	1.661	1.254	3.056
08/01/88	2.52	1.63	3.56	0.69	0.54	1.02	1.113	.919	1.305
08/02/88	3.70	3.38	4.03	0.74	0.55	1.25	1.097	.898	1.301
08/03/88	3.01	2.39	3.50	0.86	0.55	1.12	1.062	.954	1.319
08/04/88	2.03	1.60	2.79	1.32	0.56	2.41	1.563	1.174	2.236
08/05/88	2.05	1.71	2.46	1.96	0.96	2.81	1.573	1.190	2.144
08/06/88	2.68	2.33	2.96	0.87	0.56	1.55	1.170	1.016	1.426
08/07/88	2.41	2.29	2.63	0.57	0.42	0.71	1.002	.887	1.116
08/08/88	1.75	1.55	2.27	0.70	0.45	0.98	1.054	.973	1.204

MOORING=21B
 LATITUDE=65-45.8'N
 LONGITUDE=168-27.7'W

DAILY STATISTICS
 INST DEPTH=48M
 SONIC DEPTH=56M

BEGINNING: 06/22/88
 ENDING: 10/07/88

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
08/09/88	1.60	1.51	1.98	0.66	0.49	0.93	1.005	.922	1.139
08/10/88	1.23	1.14	1.71	0.58	0.40	0.77	1.078	.962	1.847
08/11/88	1.27	1.22	1.34	0.48	0.33	0.70	1.029	.969	1.104
08/12/88	1.55	1.36	1.77	0.64	0.42	1.01	1.129	.984	1.317
08/13/88	2.05	1.78	2.69	0.86	0.60	1.18	1.147	1.023	1.377
08/14/88	2.84	2.09	4.08	1.04	0.51	2.85	1.255	1.020	1.595
08/15/88	4.93	3.15	6.54	0.93	0.46	1.65	1.017	.810	1.548
08/16/88	7.14	6.62	7.98	0.49	0.38	0.62	1.130	.820	3.029
08/17/88	7.14	6.63	7.39	0.43	0.32	0.51	.971	.817	1.120
08/18/88	6.23	4.20	7.34	0.43	0.21	0.77	.979	.736	1.241
08/19/88	3.33	2.65	4.77	0.98	0.63	1.54	1.086	.805	1.446
08/20/88	5.30	3.45	7.70	0.52	0.21	0.91	.936	.704	1.360
08/21/88	8.37	5.96	9.64	0.57	0.43	0.79	1.385	1.021	2.132
08/22/88	6.73	5.49	9.16	0.61	0.50	0.75	1.213	.963	2.722
08/23/88	2.05	1.04	4.49	0.55	0.40	0.75	1.333	1.059	2.011
08/24/88	2.20	1.39	3.61	1.04	0.58	1.58	1.374	1.180	1.588
08/25/88	3.82	3.38	4.65	0.74	0.47	1.04	1.527	1.165	2.477
08/26/88	5.09	3.93	6.08	0.66	0.50	0.78	1.590	1.242	2.194
08/27/88	6.06	5.39	6.93	0.56	0.43	0.77	1.243	.994	1.867
08/28/88	5.91	4.47	6.95	0.68	0.50	0.87	1.430	.987	2.385
08/29/88	5.45	4.54	6.26	0.57	0.46	0.72	1.696	1.007	3.094
08/30/88	4.12	3.37	4.88	0.52	0.35	0.72	2.468	1.658	4.302
08/31/88	2.76	2.46	3.27	1.79	0.40	3.78	4.418	1.796	>6.0
09/01/88	2.16	1.94	2.88	1.97	1.09	4.58	4.035	2.391	>6.0
09/02/88	2.00	1.96	2.06	0.80	0.46	1.33	1.719	1.209	2.888
09/03/88	2.45	2.01	3.06	0.78	0.63	0.92	2.973	2.156	3.630
09/04/88	3.80	3.10	4.80	0.63	0.46	0.91	2.900	2.208	4.038
09/05/88	4.34	3.80	4.82	0.49	0.32	0.66	2.408	1.854	3.729
09/06/88	3.86	3.78	4.04	0.40	0.32	0.48	1.834	1.623	2.064
09/07/88	4.06	3.50	4.90	0.43	0.36	0.55	1.791	1.572	2.139
09/08/88	2.95	2.36	4.79	0.42	0.27	0.54	1.773	1.557	2.181
09/09/88	2.62	2.37	2.89	0.33	0.26	0.40	1.690	1.485	1.816
09/10/88	3.62	2.81	4.20	0.45	0.28	0.58	2.105	1.671	2.997
09/11/88	3.26	2.87	3.67	0.28	0.18	0.41	1.620	1.370	1.992
09/12/88	2.83	2.74	3.08	0.26	0.11	0.35	1.503	1.319	2.173
09/13/88	3.09	2.69	3.51	0.19	0.06	0.29	2.130	1.715	2.731
09/14/88	3.44	3.17	3.76	0.25	0.17	0.34	1.439	1.129	1.863
09/15/88	3.69	3.55	3.76	0.23	0.15	0.44	1.299	1.172	1.471
09/16/88	4.18	3.69	4.99	0.17	0.04	0.27	1.491	1.252	2.281
09/17/88	4.56	4.10	5.02	0.26	0.15	0.40	2.514	1.791	3.674
09/18/88	4.59	4.07	4.84	0.17	0.06	0.35	1.990	1.413	3.524
09/19/88	4.43	3.76	4.88	0.31	0.08	0.60	2.512	1.203	4.342
09/20/88	3.58	3.26	4.06	0.66	0.56	0.74	4.313	3.490	>6.0
09/21/88	3.30	3.29	3.32	0.45	0.34	0.68	2.359	1.863	3.424
09/22/88	3.35	3.30	3.40	0.44	0.35	0.57	3.091	2.340	3.850
09/23/88	3.64	3.39	3.76	0.39	0.23	0.50	2.864	2.199	3.684
09/24/88	3.25	3.16	3.43	0.31	0.20	0.44	2.415	2.247	2.633
09/25/88	3.17	3.07	3.24	0.24	0.10	0.41	2.342	2.159	2.610

MOORING=21B
LATITUDE=65-45.8'N
LONGITUDE=168-27.7'W

DAILY STATISTICS
INST DEPTH=48M
SONIC DEPTH=56M

BEGINNING: 06/22/88
ENDING: 10/07/88

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
09/26/88	3.35	3.04	3.81	0.21	0.08	0.28	2.517	2.164	>6.0
09/27/88	3.94	3.82	4.06	0.21	0.13	0.42	2.091	1.493	2.415
09/28/88	3.72	3.54	3.95	0.22	0.08	0.35	1.514	1.382	1.663
09/29/88	3.86	3.66	4.05	0.20	0.12	0.30	1.964	1.620	2.287
09/30/88	3.77	3.67	4.00	0.17	0.06	0.28	1.774	1.710	1.956
10/01/88	3.98	3.87	4.12	0.17	0.10	0.25	1.734	1.541	1.950
10/02/88	4.37	3.95	4.66	0.20	0.11	0.31	1.624	1.449	1.895
10/03/88	4.47	4.05	4.64	0.19	0.06	0.31	1.804	1.633	2.557
10/04/88	3.63	3.43	4.03	0.09	0.04	0.16	1.953	1.694	2.402
10/05/88	3.47	3.43	3.54	0.11	0.02	0.16	1.925	1.711	2.256
10/06/88	3.39	2.70	4.27	0.19	0.10	0.29	2.807	2.001	3.452
10/07/88	2.64	2.59	2.70	0.20	0.12	0.33	2.638	2.141	3.608

MOORING=03E
 LATITUDE=62-49.2'N
 LONGITUDE=168-40.7'W

DAILY STATISTICS
 INST DEPTH=35M
 SONIC DEPTH=43M

BEGINNING: 10/05/88
 ENDING: 06/16/89

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
10/05/88	5.55	5.46	5.65	0.90	0.73	1.28	1.384	1.202	1.514
10/06/88	5.44	5.38	5.49	0.75	0.62	0.92	1.168	1.016	1.440
10/07/88	5.38	5.30	5.45	0.79	0.66	1.00	1.037	.806	1.529
10/08/88	5.27	5.14	5.38	0.78	0.51	0.94	.986	.840	1.442
10/09/88	5.17	4.97	5.36	0.77	0.53	1.03	1.040	.557	1.467
10/10/88	4.99	4.87	5.19	0.71	0.33	0.96	1.121	.551	1.355
10/11/88	4.82	4.60	5.04	0.76	0.42	1.05	1.409	.745	1.783
10/12/88	4.58	4.37	4.68	0.76	0.30	0.95	1.647	1.464	1.820
10/13/88	4.41	4.29	4.55	0.67	0.36	1.04	1.472	1.331	1.648
10/14/88	4.36	4.24	4.53	0.56	0.36	0.73	1.424	1.230	1.745
10/15/88	4.24	3.68	4.60	0.66	0.36	2.34	1.908	1.176	>6.0
10/16/88	3.05	1.86	3.45	3.54	2.32	5.85	3.100	2.178	4.716
10/17/88	1.49	0.96	2.37	2.98	2.13	4.04	2.951	2.561	3.993
10/18/88	1.01	0.73	1.17	2.17	1.59	3.00	2.692	2.302	3.361
10/19/88	0.69	0.46	1.03	1.89	1.17	2.91	2.298	1.985	2.679
10/20/88	1.12	0.52	1.77	1.43	1.04	1.86	2.270	1.983	2.635
10/21/88	1.75	0.57	3.08	1.45	0.83	2.52	1.825	1.341	2.241
10/22/88	0.52	0.31	0.78	0.78	0.61	0.96	1.806	1.723	1.938
10/23/88	0.39	0.34	0.46	0.59	0.22	0.79	1.659	1.578	1.719
10/24/88	0.40	0.35	0.52	0.67	0.51	0.91	1.713	1.577	2.925
10/25/88	0.60	0.45	1.16	0.49	0.19	0.76	1.670	1.569	1.846
10/26/88	0.84	0.18	1.40	0.64	0.41	0.82	1.912	1.669	2.291
10/27/88	0.53	0.15	0.88	0.78	0.50	0.99	1.701	1.295	2.185
10/28/88	0.73	0.35	1.40	0.92	0.48	1.28	1.758	1.337	2.118
10/29/88	1.16	0.82	1.76	1.22	0.61	1.78	1.843	1.491	2.436
10/30/88	1.00	0.88	1.15	0.76	0.33	1.10	1.712	1.616	1.940
10/31/88	1.27	1.11	1.32	0.57	0.31	0.89	1.505	1.409	1.649
11/01/88	1.11	0.98	1.23	0.46	0.20	0.63	1.420	1.300	1.680
11/02/88	1.10	0.98	1.16	0.53	0.30	0.65	1.476	1.377	1.577
11/03/88	1.01	0.88	1.14	0.54	0.37	0.65	1.470	1.305	1.602
11/04/88	0.92	0.85	1.02	0.44	0.19	0.56	1.466	1.377	1.748
11/05/88	0.90	0.78	1.24	0.43	0.10	0.59	1.677	1.246	2.541
11/06/88	1.13	1.02	1.28	0.44	0.32	0.57	2.781	2.191	3.827
11/07/88	1.05	0.65	1.29	0.42	0.18	0.55	2.827	2.281	3.699
11/08/88	0.90	0.63	1.02	0.24	0.08	0.46	1.920	1.719	2.296
11/09/88	0.78	0.68	0.87	0.37	0.26	0.52	1.916	1.765	2.200
11/10/88	0.96	0.75	1.16	0.36	0.17	0.46	1.851	1.688	2.253
11/11/88	1.07	0.83	1.23	0.33	0.08	0.52	2.068	1.754	2.499
11/12/88	-0.04	-0.31	0.67	0.54	0.36	0.69	2.686	1.977	3.249
11/13/88	-0.33	-0.38	-0.25	0.47	0.27	0.68	2.779	2.442	3.135
11/14/88	0.02	-0.69	0.47	0.56	0.37	0.71	2.608	2.362	2.998
11/15/88	-0.02	-0.92	0.52	0.34	0.15	0.53	2.493	2.266	2.834
11/16/88	0.19	-0.32	0.38	0.40	0.12	0.50	2.281	2.080	2.758
11/17/88	0.35	0.20	0.43	0.57	0.26	0.76	3.668	2.708	4.824
11/18/88	0.38	0.17	0.67	0.62	0.50	0.89	3.645	2.588	5.932
11/19/88	-0.17	-0.43	0.14	0.51	0.29	0.64	2.959	2.692	3.433
11/20/88	-0.43	-0.55	-0.09	0.56	0.51	0.62	2.915	2.787	3.039
11/21/88	-0.25	-0.53	-0.03	0.63	0.35	0.90	4.592	2.602	>6.0

MOORING=03E
 LATITUDE=62-49.2'N
 LONGITUDE=168-40.7'W

DAILY STATISTICS
 INST DEPTH=35M
 SONIC DEPTH=43M

BEGINNING: 10/05/88
 ENDING: 06/16/89

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
11/22/88	-1.06	-1.78	-0.30	0.77	0.30	1.26	>6.0	4.785	>6.0
11/23/88	-1.78	-1.80	-1.76	1.02	0.70	1.31	>6.0	4.276	>6.0
11/24/88	-1.79	-1.81	-1.77	0.71	0.49	0.84	3.798	3.062	5.105
11/25/88	-1.79	-1.81	-1.78	0.62	0.49	0.72	2.877	2.701	3.129
11/26/88	-1.79	-1.81	-1.77	0.51	0.23	0.66	2.701	2.595	2.786
11/27/88	-1.78	-1.79	-1.76	0.60	0.31	0.71	3.070	2.740	3.333
11/28/88	-1.78	-1.80	-1.76	0.61	0.29	0.71	3.001	2.615	3.196
11/29/88	-1.78	-1.79	-1.75	0.44	0.17	0.73	2.674	2.573	2.795
11/30/88	-1.77	-1.79	-1.76	0.49	0.12	0.67	2.755	2.667	2.872
12/01/88	-1.78	-1.79	-1.76	0.55	0.27	0.67	2.682	2.528	2.850
12/02/88	-1.79	-1.81	-1.78	0.34	0.08	0.57	2.810	2.675	3.061
12/03/88	-1.80	-1.81	-1.79	0.42	0.25	0.53	2.741	2.225	2.999
12/04/88	-1.81	-1.83	-1.80	0.36	0.19	0.46	2.286	2.007	2.530
12/05/88	-1.79	-1.82	-1.77	0.39	0.26	0.54	2.727	2.434	3.158
12/06/88	-1.79	-1.81	-1.77	0.44	0.33	0.57	2.524	2.424	2.644
12/07/88	-1.80	-1.81	-1.78	0.42	0.20	0.59	2.786	2.567	2.992
12/08/88	-1.79	-1.81	-1.78	0.38	0.19	0.55	2.480	2.178	2.955
12/09/88	-1.78	-1.80	-1.75	0.42	0.31	0.50	2.348	2.258	2.433
12/10/88	-1.76	-1.78	-1.74	0.45	0.32	0.57	2.469	2.310	2.784
12/11/88	-1.75	-1.76	-1.74	0.56	0.30	0.73	3.205	1.994	5.682
12/12/88	-1.76	-1.78	-1.74	0.57	0.40	0.64	2.922	2.628	3.153
12/13/88	-1.77	-1.79	-1.75	0.59	0.46	0.67	2.754	2.498	2.967
12/14/88	-1.77	-1.79	-1.76	0.59	0.53	0.65	2.448	2.321	2.801
12/15/88	-1.76	-1.78	-1.75	0.67	0.52	0.77	2.491	2.092	2.896
12/16/88	-1.77	-1.79	-1.76	0.64	0.46	0.85	3.113	2.780	3.940
12/17/88	-1.79	-1.79	-1.78	0.58	0.50	0.72	2.769	2.520	3.032
12/18/88	-1.79	-1.80	-1.78	0.52	0.36	0.58	2.798	2.646	3.813
12/19/88	-1.79	-1.81	-1.77	0.42	0.30	0.57	2.581	2.369	2.797
12/20/88	-1.80	-1.81	-1.79	0.38	0.21	0.53	2.685	2.563	2.886
12/21/88	-1.79	-1.81	-1.78	0.42	0.27	0.53	2.770	2.622	3.034
12/22/88	-1.79	-1.80	-1.78	0.37	0.24	0.52	>6.0	2.712	>6.0
12/23/88	-1.80	-1.81	-1.78	0.39	0.12	0.49	5.462	2.608	>6.0
12/24/88	-1.80	-1.80	-1.78	0.36	0.17	0.46	2.621	1.894	2.925
12/25/88	-1.77	-1.79	-1.75	0.42	0.27	0.54	2.538	2.281	3.213
12/26/88	-1.74	-1.75	-1.73	0.38	0.26	0.56	2.473	2.249	2.874
12/27/88	-1.73	-1.74	-1.73	0.36	0.03	0.52	2.625	2.430	2.743
12/28/88	-1.73	-1.74	-1.72	0.42	0.21	0.56	2.745	2.469	2.989
12/29/88	-1.74	-1.75	-1.72	0.38	0.20	0.52	2.858	2.601	3.030
12/30/88	-1.74	-1.75	-1.73	0.37	0.20	0.54	2.688	2.496	2.892
12/31/88	-1.74	-1.75	-1.73	0.34	0.05	0.45	2.573	2.202	2.691
01/01/89	-1.74	-1.74	-1.73	0.39	0.23	0.52	2.440	2.119	2.685
01/02/89	-1.74	-1.75	-1.73	0.47	0.28	0.56	2.424	2.271	2.624
01/03/89	-1.73	-1.74	-1.72	0.33	0.13	0.44	3.524	2.635	>6.0
01/04/89	-1.73	-1.74	-1.72	0.36	0.18	0.52	2.920	2.037	4.032
01/05/89	-1.74	-1.74	-1.73	0.42	0.23	0.66	2.626	2.214	3.956
01/06/89	-1.73	-1.73	-1.72	0.46	0.34	0.55	3.169	2.569	4.587
01/07/89	-1.75	-1.75	-1.74	0.60	0.37	0.92	4.881	3.020	>6.0
01/08/89	-1.75	-1.75	-1.74	0.68	0.48	0.86	>6.0	>6.0	>6.0

MOORING=03E
 LATITUDE=62-49.2'N
 LONGITUDE=168-40.7'W

DAILY STATISTICS
 INST DEPTH=35M
 SONIC DEPTH=43M

BEGINNING: 10/05/88
 ENDING: 06/16/89

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
01/09/89	-1.74	-1.74	-1.73	0.42	0.28	0.72	5.022	4.665	>6.0
01/10/89	-1.73	-1.74	-1.72	0.46	0.34	0.59	4.764	3.990	>6.0
01/11/89	-1.75	-1.76	-1.74	0.56	0.06	0.87	>6.0	4.353	>6.0
01/12/89	-1.74	-1.75	-1.72	0.61	0.27	0.80	>6.0	3.808	>6.0
01/13/89	-1.73	-1.74	-1.72	0.54	0.36	0.66	>6.0	3.675	>6.0
01/14/89	-1.73	-1.74	-1.72	0.35	0.24	0.50	3.900	3.706	4.788
01/15/89	-1.73	-1.73	-1.71	0.34	0.21	0.52	4.250	4.046	4.481
01/16/89	-1.73	-1.74	-1.72	0.28	0.04	0.48	4.434	4.229	4.741
01/17/89	-1.74	-1.78	-1.72	0.32	0.04	0.41	4.438	3.711	4.977
01/18/89	-1.78	-1.79	-1.76	0.09	0.01	0.24	4.478	4.001	4.845
01/19/89	-1.78	-1.79	-1.77	0.14	0.01	0.27	5.017	4.543	5.378
01/20/89	-1.79	-1.80	-1.77	0.25	0.04	0.44	4.901	4.285	5.576
01/21/89	-1.79	-1.80	-1.77	0.34	0.09	0.50	4.253	2.921	4.831
01/22/89	-1.77	-1.79	-1.76	0.17	0.03	0.37	3.723	3.029	4.212
01/23/89	-1.78	-1.79	-1.75	0.13	0.04	0.23	3.985	3.630	4.398
01/24/89	-1.78	-1.79	-1.77	0.31	0.14	0.46	3.954	3.708	4.157
01/25/89	-1.76	-1.79	-1.73	0.33	0.18	0.48	2.744	2.035	3.911
01/26/89	-1.74	-1.75	-1.73	-	-	-	2.961	2.692	3.249
01/27/89	-1.74	-1.75	-1.72	-	-	-	3.292	3.089	3.504
01/28/89	-1.73	-1.74	-1.73	-	-	-	3.486	3.354	3.609
01/29/89	-1.74	-1.75	-1.73	-	-	-	3.639	3.502	3.795
01/30/89	-1.74	-1.77	-1.73	-	-	-	3.716	3.174	3.883
01/31/89	-1.78	-1.81	-1.77	-	-	-	2.102	1.810	2.549
02/01/89	-1.82	-1.83	-1.80	-	-	-	2.481	2.101	2.832
02/02/89	-1.79	-1.81	-1.77	-	-	-	3.223	2.043	>6.0
02/03/89	-1.79	-1.80	-1.78	-	-	-	5.504	2.974	>6.0
02/04/89	-1.81	-1.82	-1.80	-	-	-	5.069	3.360	>6.0
02/05/89	-1.81	-1.82	-1.79	-	-	-	3.018	2.529	4.122
02/06/89	-1.78	-1.79	-1.76	-	-	-	2.018	1.721	2.611
02/07/89	-1.77	-1.78	-1.76	-	-	-	2.030	1.861	2.545
02/08/89	-1.76	-1.77	-1.75	-	-	-	1.992	1.951	2.080
02/09/89	-1.77	-1.78	-1.75	-	-	-	1.955	1.878	2.031
02/10/89	-1.76	-1.78	-1.75	-	-	-	2.081	1.973	2.184
02/11/89	-1.76	-1.78	-1.75	-	-	-	2.198	1.969	2.358
02/12/89	-1.76	-1.77	-1.75	-	-	-	2.021	1.890	2.231
02/13/89	-1.76	-1.77	-1.74	-	-	-	2.069	2.004	2.146
02/14/89	-1.76	-1.77	-1.74	-	-	-	2.113	1.999	2.269
02/15/89	-1.75	-1.76	-1.74	-	-	-	2.028	1.854	2.473
02/16/89	-1.75	-1.76	-1.74	-	-	-	2.096	1.920	2.320
02/17/89	-1.75	-1.76	-1.74	-	-	-	2.302	2.016	4.271
02/18/89	-1.74	-1.75	-1.73	-	-	-	2.073	1.800	2.554
02/19/89	-1.73	-1.75	-1.72	-	-	-	2.220	1.688	2.731
02/20/89	-1.74	-1.76	-1.72	-	-	-	1.985	1.807	2.175
02/21/89	-1.76	-1.77	-1.75	-	-	-	2.083	1.972	2.163
02/22/89	-1.77	-1.78	-1.76	-	-	-	2.180	2.024	2.341
02/23/89	-1.77	-1.78	-1.76	-	-	-	1.955	1.664	2.428
02/24/89	-1.75	-1.76	-1.73	-	-	-	1.930	1.760	2.170
02/25/89	-1.74	-1.75	-1.73	-	-	-	3.195	1.961	4.788

MOORING=03E
 LATITUDE=62-49.2'N
 LONGITUDE=168-40.7'W

DAILY STATISTICS
 INST DEPTH=35M
 SONIC DEPTH=43M

BEGINNING: 10/05/88
 ENDING: 06/16/89

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
02/26/89	-1.73	-1.74	-1.72	-	-	-	3.438	3.174	4.110
02/27/89	-1.74	-1.75	-1.72	-	-	-	2.966	2.270	3.456
02/28/89	-1.74	-1.75	-1.74	-	-	-	5.765	2.308	>6.0
03/01/89	-1.73	-1.74	-1.72	-	-	-	>6.0	5.716	>6.0
03/02/89	-1.74	-1.76	-1.72	-	-	-	5.686	3.766	>6.0
03/03/89	-1.76	-1.78	-1.75	-	-	-	3.502	2.671	>6.0
03/04/89	-1.76	-1.78	-1.74	-	-	-	2.961	2.584	4.157
03/05/89	-1.74	-1.75	-1.73	-	-	-	3.477	3.263	3.734
03/06/89	-1.78	-1.80	-1.75	-	-	-	3.223	2.904	3.632
03/07/89	-1.78	-1.80	-1.76	-	-	-	3.326	2.302	>6.0
03/08/89	-1.75	-1.78	-1.74	-	-	-	3.612	2.834	5.010
03/09/89	-1.76	-1.78	-1.75	-	-	-	4.133	3.339	4.601
03/10/89	-1.75	-1.76	-1.73	-	-	-	4.656	3.973	5.312
03/11/89	-1.76	-1.78	-1.75	-	-	-	4.299	3.922	5.012
03/12/89	-1.77	-1.78	-1.76	-	-	-	3.733	3.540	4.155
03/13/89	-1.77	-1.78	-1.76	-	-	-	3.590	3.442	3.787
03/14/89	-1.77	-1.79	-1.76	-	-	-	3.349	3.155	3.650
03/15/89	-1.77	-1.77	-1.75	-	-	-	3.571	3.472	3.745
03/16/89	-1.77	-1.78	-1.76	-	-	-	3.864	3.622	3.998
03/17/89	-1.77	-1.79	-1.77	-	-	-	2.966	2.731	3.456
03/18/89	-1.78	-1.79	-1.76	-	-	-	2.838	2.353	3.366
03/19/89	-1.78	-1.79	-1.76	-	-	-	3.118	2.706	4.485
03/20/89	-1.78	-1.79	-1.77	-	-	-	2.828	2.509	3.348
03/21/89	-1.77	-1.78	-1.77	-	-	-	2.850	2.471	3.127
03/22/89	-1.77	-1.78	-1.76	-	-	-	2.754	2.388	3.095
03/23/89	-1.78	-1.80	-1.77	-	-	-	2.692	2.088	4.398
03/24/89	-1.78	-1.79	-1.77	-	-	-	2.354	2.043	3.217
03/25/89	-1.78	-1.79	-1.78	-	-	-	2.522	2.219	3.214
03/26/89	-1.78	-1.79	-1.77	-	-	-	2.276	2.041	2.464
03/27/89	-1.77	-1.78	-1.75	-	-	-	2.350	2.020	2.654
03/28/89	-1.76	-1.77	-1.74	-	-	-	2.484	2.245	2.668
03/29/89	-1.76	-1.77	-1.75	-	-	-	2.964	2.327	3.945
03/30/89	-1.74	-1.76	-1.73	-	-	-	2.559	2.165	2.985
03/31/89	-1.74	-1.75	-1.72	-	-	-	2.444	2.237	2.709
04/01/89	-1.73	-1.73	-1.72	-	-	-	>6.0	2.335	>6.0
04/02/89	-1.72	-1.73	-1.70	-	-	-	>6.0	2.755	>6.0
04/03/89	-1.74	-1.75	-1.73	-	-	-	2.751	2.630	3.009
04/04/89	-1.73	-1.74	-1.72	-	-	-	2.979	2.759	3.619
04/05/89	-1.74	-1.76	-1.72	-	-	-	3.333	2.954	>6.0
04/06/89	-1.73	-1.76	-1.71	-	-	-	2.438	2.092	3.379
04/07/89	-1.73	-1.75	-1.71	-	-	-	2.670	2.476	3.078
04/08/89	-1.75	-1.77	-1.73	-	-	-	2.993	2.731	3.347
04/09/89	-1.72	-1.74	-1.69	-	-	-	2.938	2.658	3.424
04/10/89	-1.72	-1.74	-1.71	-	-	-	2.847	2.597	3.051
04/11/89	-1.71	-1.72	-1.70	-	-	-	2.628	2.260	2.999
04/12/89	-1.72	-1.74	-1.70	-	-	-	2.494	2.260	2.735
04/13/89	-1.75	-1.77	-1.74	-	-	-	2.959	2.434	3.939
04/14/89	-1.75	-1.76	-1.74	-	-	-	2.456	2.264	2.650

MOORING=03E
 LATITUDE=62-49.2'N
 LONGITUDE=168-40.7'W

DAILY STATISTICS
 INST DEPTH=35M
 SONIC DEPTH=43M

BEGINNING: 10/05/88
 ENDING: 06/16/89

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
04/15/89	-1.74	-1.75	-1.72	-	-	-	2.156	2.038	2.324
04/16/89	-1.69	-1.73	-1.66	-	-	-	2.127	1.970	2.335
04/17/89	-1.72	-1.73	-1.71	-	-	-	2.604	1.967	3.562
04/18/89	-1.70	-1.71	-1.68	-	-	-	3.351	2.931	4.086
04/19/89	-1.68	-1.71	-1.64	-	-	-	3.387	2.583	>6.0
04/20/89	-1.71	-1.72	-1.70	-	-	-	>6.0	2.585	>6.0
04/21/89	-1.71	-1.72	-1.70	-	-	-	>6.0	>6.0	>6.0
04/22/89	-1.73	-1.75	-1.71	-	-	-	>6.0	2.629	>6.0
04/23/89	-1.73	-1.75	-1.72	-	-	-	>6.0	1.943	>6.0
04/24/89	-1.68	-1.72	-1.64	-	-	-	>6.0	2.139	>6.0
04/25/89	-1.70	-1.73	-1.66	-	-	-	4.189	2.242	>6.0
04/26/89	-1.69	-1.72	-1.65	-	-	-	2.246	1.969	2.727
04/27/89	-1.73	-1.74	-1.72	-	-	-	2.249	1.816	3.015
04/28/89	-1.72	-1.73	-1.70	-	-	-	5.715	1.861	>6.0
04/29/89	-1.72	-1.74	-1.70	-	-	-	2.136	1.872	2.535
04/30/89	-1.74	-1.75	-1.73	-	-	-	2.282	1.950	2.558
05/01/89	-1.72	-1.73	-1.70	-	-	-	2.257	1.971	3.352
05/02/89	-1.69	-1.71	-1.67	-	-	-	2.457	2.335	2.550
05/03/89	-1.67	-1.68	-1.65	-	-	-	2.676	2.327	3.383
05/04/89	-1.61	-1.67	-1.51	-	-	-	2.768	2.376	4.148
05/05/89	-1.52	-1.55	-1.46	-	-	-	2.462	2.272	2.756
05/06/89	-1.56	-1.58	-1.52	-	-	-	2.457	2.230	2.735
05/07/89	-1.56	-1.57	-1.55	-	-	-	2.488	2.318	2.703
05/08/89	-1.57	-1.59	-1.55	-	-	-	2.746	2.538	3.149
05/09/89	-1.58	-1.60	-1.56	-	-	-	2.439	2.168	2.907
05/10/89	-1.53	-1.58	-1.49	-	-	-	2.387	2.257	2.575
05/11/89	-1.50	-1.53	-1.48	-	-	-	2.554	2.344	2.822
05/12/89	-1.50	-1.51	-1.49	-	-	-	2.862	2.613	3.080
05/13/89	-1.52	-1.58	-1.50	-	-	-	3.560	2.759	>6.0
05/14/89	-1.60	-1.63	-1.57	-	-	-	3.369	2.337	>6.0
05/15/89	-1.65	-1.69	-1.62	-	-	-	2.714	2.550	2.949
05/16/89	-1.69	-1.71	-1.66	-	-	-	2.625	2.512	2.827
05/17/89	-1.66	-1.69	-1.61	-	-	-	2.631	2.315	3.101
05/18/89	-1.51	-1.64	-1.34	-	-	-	2.687	2.374	3.023
05/19/89	-1.34	-1.48	-1.10	-	-	-	2.947	2.597	3.182
05/20/89	-1.16	-1.44	-1.05	-	-	-	3.049	2.723	3.399
05/21/89	-1.11	-1.25	-1.00	-	-	-	3.206	2.837	3.707
05/22/89	-1.15	-1.23	-1.11	-	-	-	3.083	2.747	3.590
05/23/89	-1.13	-1.17	-1.07	-	-	-	3.368	3.080	3.542
05/24/89	-1.05	-1.11	-0.99	-	-	-	3.434	3.202	3.597
05/25/89	-0.92	-1.00	-0.84	-	-	-	3.300	3.074	3.635
05/26/89	-0.92	-0.95	-0.90	-	-	-	3.305	3.023	3.584
05/27/89	-0.91	-0.96	-0.86	-	-	-	3.468	3.246	3.840
05/28/89	-0.84	-0.90	-0.79	-	-	-	3.514	3.130	3.959
05/29/89	-0.70	-0.77	-0.60	-	-	-	3.372	3.169	3.654
05/30/89	-0.61	-0.68	-0.55	-	-	-	3.558	3.081	3.862
05/31/89	-0.59	-0.69	-0.54	-	-	-	3.586	3.311	3.841
06/01/89	-0.64	-0.74	-0.49	-	-	-	4.736	3.580	>6.0

MOORING=03E
LATITUDE=62-49.2'N
LONGITUDE=168-40.7'W

DAILY STATISTICS
INST DEPTH=35M
SONIC DEPTH=43M

BEGINNING: 10/05/88
ENDING: 06/16/89

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
06/02/89	-0.68	-0.73	-0.65	-	-	-	3.936	3.538	4.419
06/03/89	-0.55	-0.66	-0.45	-	-	-	3.723	3.364	4.431
06/04/89	-0.39	-0.57	-0.26	-	-	-	3.791	3.597	4.222
06/05/89	-0.21	-0.36	0.03	-	-	-	3.909	3.541	4.271
06/06/89	-0.11	-0.25	0.11	-	-	-	3.699	3.137	4.086
06/07/89	-0.08	-0.23	0.05	-	-	-	3.484	3.030	4.131
06/08/89	-0.06	-0.30	0.08	-	-	-	3.473	3.155	3.974
06/09/89	-0.03	-0.15	0.16	-	-	-	3.832	3.541	4.169
06/10/89	0.10	-0.04	0.22	-	-	-	4.029	3.661	4.393
06/11/89	0.19	0.00	0.31	-	-	-	4.386	3.972	4.789
06/12/89	0.44	0.27	0.80	-	-	-	4.588	4.220	5.100
06/13/89	0.81	0.56	0.89	-	-	-	4.694	4.397	5.068
06/14/89	0.86	0.80	1.03	-	-	-	5.168	4.681	5.654
06/15/89	0.89	0.81	1.04	-	-	-	5.004	4.643	5.561
06/16/89	0.84	0.78	0.89	-	-	-	5.202	4.958	5.369

MOORING=07E
 LATITUDE=64-00.9'N
 LONGITUDE=172-02.5'W

DAILY STATISTICS
 INST DEPTH=42M
 SONIC DEPTH=55M

BEGINNING: 10/04/88
 ENDING: 07/13/89

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
10/04/88	-0.61	-0.77	-0.33	0.31	0.27	0.39	.875	.854	.896
10/05/88	-0.74	-0.92	-0.47	0.29	0.25	0.33	.888	.847	.932
10/06/88	-0.15	-1.01	0.40	0.31	0.26	0.38	1.003	.857	1.254
10/07/88	-0.22	-0.47	-0.03	0.34	0.30	0.38	1.005	.964	1.070
10/08/88	-0.16	-0.40	0.01	0.31	0.24	0.41	.953	.856	1.028
10/09/88	-0.06	-0.19	-0.00	0.29	0.24	0.36	.818	.789	.850
10/10/88	0.03	-0.37	0.47	0.37	0.25	0.82	1.032	.818	1.166
10/11/88	1.16	0.20	1.69	0.41	0.33	0.60	1.303	1.018	4.192
10/12/88	0.76	0.29	1.20	0.33	0.27	0.37	1.164	1.114	1.217
10/13/88	0.66	0.35	1.07	0.30	0.24	0.35	1.092	1.042	1.140
10/14/88	0.92	0.57	1.11	0.28	0.23	0.31	.995	.942	1.075
10/15/88	0.50	0.38	0.82	0.29	0.23	0.33	1.093	.998	1.296
10/16/88	1.09	0.74	1.40	0.36	0.32	0.41	1.487	1.353	1.726
10/17/88	0.94	0.65	1.47	0.35	0.29	0.42	1.461	1.240	1.677
10/18/88	0.74	0.61	0.89	0.33	0.27	0.39	1.356	1.246	1.470
10/19/88	0.68	0.48	0.88	0.32	0.28	0.38	1.254	1.143	1.371
10/20/88	0.31	0.11	0.50	0.29	0.25	0.33	1.257	1.177	1.306
10/21/88	0.01	-0.22	0.17	0.30	0.25	0.33	1.313	1.257	1.432
10/22/88	0.18	-0.00	0.51	0.28	0.23	0.32	1.156	.962	1.280
10/23/88	1.13	0.56	1.46	0.27	0.23	0.32	.866	.802	.936
10/24/88	1.45	1.02	1.52	0.28	0.24	0.36	.811	.773	.906
10/25/88	1.25	0.87	1.42	0.27	0.21	0.35	.854	.786	.887
10/26/88	1.96	1.34	2.62	0.38	0.26	0.54	.911	.858	.993
10/27/88	0.79	-0.13	2.58	0.42	0.27	0.63	1.081	.891	1.170
10/28/88	0.64	0.05	1.32	0.32	0.25	0.39	.981	.865	1.070
10/29/88	0.97	0.65	1.28	0.26	0.22	0.30	.963	.915	1.027
10/30/88	1.22	1.01	1.31	0.27	0.23	0.32	.965	.872	1.102
10/31/88	1.30	1.17	1.53	0.32	0.25	0.39	.867	.842	.916
11/01/88	1.62	1.54	1.75	0.36	0.30	0.45	.831	.797	.891
11/02/88	1.25	1.00	1.56	0.32	0.25	0.44	.802	.770	.866
11/03/88	1.11	1.01	1.24	0.37	0.26	0.48	.785	.768	.799
11/04/88	1.35	1.24	1.47	0.37	0.29	0.59	.834	.766	1.007
11/05/88	1.31	0.76	1.58	0.34	0.27	0.45	.998	.885	1.228
11/06/88	0.72	0.57	1.37	0.37	0.28	0.48	1.238	1.116	1.454
11/07/88	0.97	0.48	1.22	0.37	0.29	0.49	1.167	.999	1.502
11/08/88	1.11	0.90	1.27	0.36	0.31	0.44	1.006	.961	1.052
11/09/88	0.60	0.48	0.89	0.40	0.31	0.55	1.044	.953	1.133
11/10/88	0.38	0.12	0.60	0.42	0.34	0.59	1.006	.921	1.123
11/11/88	0.15	0.08	0.24	0.43	0.34	0.54	1.064	.975	1.146
11/12/88	0.02	-0.12	0.13	0.42	0.34	0.48	1.051	.977	1.138
11/13/88	-0.22	-0.30	-0.12	0.41	0.32	0.59	1.147	.947	3.984
11/14/88	-0.44	-1.34	-0.12	0.34	0.27	0.40	1.040	.957	1.137
11/15/88	-1.16	-1.33	-0.87	0.34	0.25	0.40	1.155	1.034	1.364
11/16/88	-0.78	-0.91	-0.62	0.33	0.30	0.37	1.208	1.147	1.266
11/17/88	-0.43	-0.61	-0.27	0.34	0.28	0.44	1.142	1.011	1.223
11/18/88	-0.09	-0.39	0.20	0.37	0.30	0.46	1.418	1.178	1.811
11/19/88	0.09	0.04	0.15	0.39	0.32	0.46	1.287	1.050	2.187
11/20/88	0.31	0.13	0.47	0.36	0.30	0.47	1.307	1.128	1.473

MOORING=07E
 LATITUDE=64-00.9'N
 LONGITUDE=172-02.5'W

DAILY STATISTICS
 INST DEPTH=42M
 SONIC DEPTH=55M

BEGINNING: 10/04/88
 ENDING: 07/13/89

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
11/21/88	-0.05	-0.86	0.48	0.30	0.22	0.37	1.281	1.054	1.526
11/22/88	-1.17	-1.44	-0.87	0.30	0.23	0.36	1.000	.899	1.072
11/23/88	-1.48	-1.63	-1.38	0.29	0.22	0.35	1.049	.937	1.173
11/24/88	-1.73	-1.78	-1.62	0.26	0.18	0.40	.953	.894	1.004
11/25/88	-1.77	-1.78	-1.75	0.23	0.15	0.31	.862	.824	.918
11/26/88	-1.76	-1.78	-1.74	0.22	0.19	0.29	.815	.785	.867
11/27/88	-1.79	-1.81	-1.72	0.26	0.19	0.31	.869	.834	.913
11/28/88	-1.44	-1.73	-1.25	0.27	0.19	0.36	.887	.773	1.002
11/29/88	-1.42	-1.47	-1.36	0.23	0.19	0.27	.965	.832	1.115
11/30/88	-1.40	-1.55	-1.24	0.23	0.18	0.29	1.006	.890	1.143
12/01/88	-1.53	-1.74	-1.38	0.23	0.19	0.28	2.996	.864	>6.0
12/02/88	-1.59	-1.76	-1.43	0.22	0.18	0.27	>6.0	.865	>6.0
12/03/88	-1.61	-1.73	-1.51	0.21	0.12	0.27	.864	.831	.966
12/04/88	-1.78	-1.81	-1.74	0.21	0.16	0.31	.752	.699	.874
12/05/88	-1.78	-1.80	-1.77	0.22	0.18	0.26	.729	.716	.758
12/06/88	-1.79	-1.80	-1.76	0.19	0.13	0.24	.804	.721	.945
12/07/88	-1.77	-1.79	-1.73	0.19	0.15	0.27	1.006	.894	1.285
12/08/88	-1.70	-1.73	-1.64	0.24	0.17	0.30	1.375	1.246	1.606
12/09/88	-1.78	-1.80	-1.75	0.20	0.11	0.27	>6.0	1.435	>6.0
12/10/88	-1.76	-1.79	-1.74	0.18	0.09	0.25	>6.0	.909	>6.0
12/11/88	-1.74	-1.78	-1.71	0.15	0.07	0.22	1.238	.874	5.733
12/12/88	-1.71	-1.77	-1.69	0.18	0.05	0.26	.944	.876	1.200
12/13/88	-1.77	-1.79	-1.75	0.18	0.05	0.24	.971	.854	1.708
12/14/88	-1.78	-1.78	-1.77	0.15	0.09	0.22	.908	.873	.946
12/15/88	-1.78	-1.79	-1.76	0.13	0.07	0.19	.876	.853	.901
12/16/88	-1.78	-1.79	-1.77	0.14	0.03	0.26	.845	.820	.855
12/17/88	-1.79	-1.80	-1.78	0.12	0.04	0.22	.881	.788	1.202
12/18/88	-1.77	-1.79	-1.76	0.18	0.10	0.23	1.314	1.140	1.551
12/19/88	-1.77	-1.78	-1.77	0.19	0.09	0.29	2.164	1.117	>6.0
12/20/88	-1.78	-1.79	-1.76	0.15	0.08	0.27	2.076	.975	>6.0
12/21/88	-1.78	-1.79	-1.77	0.14	0.10	0.21	1.066	.981	1.433
12/22/88	-1.78	-1.78	-1.77	0.15	0.07	0.25	1.013	.950	1.173
12/23/88	-1.79	-1.80	-1.78	0.14	0.05	0.22	.953	.916	1.092
12/24/88	-1.80	-1.80	-1.79	0.16	0.09	0.22	.884	.854	.953
12/25/88	-1.80	-1.81	-1.77	0.14	0.03	0.23	.834	.782	.959
12/26/88	-1.81	-1.83	-1.80	0.17	0.10	0.24	1.005	.943	1.119
12/27/88	-1.81	-1.82	-1.80	0.17	0.11	0.23	.933	.847	1.017
12/28/88	-1.81	-1.82	-1.80	0.16	0.11	0.23	.844	.824	.877
12/29/88	-1.81	-1.82	-1.80	0.15	0.07	0.22	.827	.797	.905
12/30/88	-1.82	-1.83	-1.81	0.14	0.05	0.18	.913	.816	1.349
12/31/88	-1.83	-1.83	-1.82	0.18	0.13	0.24	.915	.839	1.116
01/01/89	-1.82	-1.83	-1.81	0.17	0.11	0.23	.871	.804	1.124
01/02/89	-1.82	-1.84	-1.81	0.16	0.10	0.21	.824	.791	.916
01/03/89	-1.83	-1.84	-1.82	0.12	0.05	0.21	1.127	.921	1.492
01/04/89	-1.82	-1.83	-1.80	0.10	0.02	0.20	1.079	.928	1.432
01/05/89	-1.81	-1.82	-1.80	0.13	0.06	0.18	1.144	.936	1.498
01/06/89	-1.79	-1.80	-1.79	0.12	0.07	0.18	1.432	1.188	1.876
01/07/89	-1.78	-1.79	-1.77	0.14	0.05	0.24	2.025	1.630	2.812

MOORING=07E
 LATITUDE=64-00.9'N
 LONGITUDE=172-02.5'W

DAILY STATISTICS
 INST DEPTH=42M
 SONIC DEPTH=55M

BEGINNING: 10/04/88
 ENDING: 07/13/89

DATE	TEMPERATURE (C)			CHL(UG/L)			ATTENUATION(1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
01/08/89	-1.77	-1.77	-1.76	0.21	0.15	0.32	2.455	1.790	4.196
01/09/89	-1.75	-1.76	-1.74	0.14	0.02	0.23	1.300	.950	1.756
01/10/89	-1.78	-1.78	-1.76	0.17	0.06	0.29	1.795	.952	2.313
01/11/89	-1.78	-1.79	-1.77	0.17	0.11	0.27	1.777	1.351	2.151
01/12/89	-1.78	-1.79	-1.76	0.15	0.07	0.21	1.209	1.142	1.359
01/13/89	-1.78	-1.79	-1.77	0.13	0.06	0.23	1.089	.981	1.229
01/14/89	-1.78	-1.79	-1.77	0.12	0.07	0.18	.928	.863	1.073
01/15/89	-1.77	-1.78	-1.76	0.14	0.06	0.18	.901	.869	1.093
01/16/89	-1.78	-1.79	-1.75	0.15	0.06	0.22	.960	.862	1.652
01/17/89	-1.79	-1.79	-1.78	0.14	0.06	0.19	.865	.835	.925
01/18/89	-1.80	-1.81	-1.79	0.11	0.02	0.19	.902	.825	1.051
01/19/89	-1.80	-1.81	-1.80	0.09	0.03	0.19	1.033	.930	1.123
01/20/89	-1.82	-1.82	-1.81	0.15	0.12	0.19	.960	.907	1.078
01/21/89	-1.81	-1.82	-1.79	0.14	0.10	0.19	.910	.873	.994
01/22/89	-1.81	-1.82	-1.79	0.14	0.11	0.16	.917	.878	1.002
01/23/89	-1.81	-1.82	-1.80	0.14	0.10	0.19	.856	.837	.874
01/24/89	-1.81	-1.82	-1.80	0.14	0.11	0.21	.850	.817	.962
01/25/89	-1.81	-1.82	-1.81	0.11	0.02	0.16	.840	.810	.891
01/26/89	-1.81	-1.82	-1.80	0.12	0.04	0.19	.860	.836	.928
01/27/89	-1.81	-1.82	-1.81	0.11	0.03	0.19	.879	.857	.959
01/28/89	-1.81	-1.82	-1.81	0.10	0.05	0.19	.936	.894	1.010
01/29/89	-1.82	-1.82	-1.81	0.14	0.07	0.19	.986	.908	1.130
01/30/89	-1.82	-1.83	-1.81	0.13	0.03	0.19	.964	.899	1.071
01/31/89	-1.81	-1.82	-1.80	0.12	0.05	0.21	1.144	1.036	1.253
02/01/89	-1.80	-1.81	-1.79	0.10	0.00	0.19	1.125	1.056	1.222
02/02/89	-1.79	-1.81	-1.73	0.12	0.05	0.20	1.054	.930	1.322
02/03/89	-1.66	-1.78	-1.55	0.13	0.04	0.21	1.227	.982	1.523
02/04/89	-1.79	-1.80	-1.78	0.14	0.08	0.20	1.366	1.249	1.496
02/05/89	-1.80	-1.80	-1.79	0.18	0.12	0.22	1.584	1.509	1.683
02/06/89	-1.78	-1.79	-1.78	0.14	0.08	0.22	1.473	1.405	1.608
02/07/89	-1.78	-1.78	-1.78	0.14	0.05	0.25	1.329	1.251	1.492
02/08/89	-1.78	-1.78	-1.77	0.14	0.06	0.20	1.221	1.175	1.313
02/09/89	-1.77	-1.78	-1.76	0.13	0.05	0.23	1.196	1.154	1.297
02/10/89	-1.78	-1.78	-1.77	0.14	0.06	0.19	1.219	1.186	1.298
02/11/89	-1.78	-1.79	-1.78	0.11	0.06	0.20	1.110	1.073	1.182
02/12/89	-1.78	-1.78	-1.77	0.15	0.06	0.23	1.130	1.086	1.169
02/13/89	-1.78	-1.78	-1.77	0.14	0.07	0.21	1.037	.993	1.092
02/14/89	-1.78	-1.78	-1.78	0.13	0.02	0.19	1.025	.984	1.065
02/15/89	-1.78	-1.78	-1.78	0.13	0.01	0.22	1.055	.987	1.102
02/16/89	-1.78	-1.78	-1.77	0.13	0.04	0.21	1.110	1.079	1.156
02/17/89	-1.77	-1.78	-1.77	0.10	0.04	0.18	1.128	1.081	1.197
02/18/89	-1.77	-1.78	-1.77	0.11	0.04	0.17	1.208	1.109	1.304
02/19/89	-1.77	-1.77	-1.75	0.11	0.01	0.22	1.110	.948	1.227
02/20/89	-1.74	-1.75	-1.72	0.11	0.01	0.20	.796	.705	.869
02/21/89	-1.74	-1.75	-1.69	0.11	0.06	0.23	.711	.687	.753
02/22/89	-1.67	-1.71	-1.59	0.14	0.01	0.23	.883	.749	1.002
02/23/89	-1.67	-1.74	-1.61	0.13	0.06	0.29	1.036	.930	1.193
02/24/89	-1.76	-1.77	-1.74	0.13	0.04	0.20	1.183	1.117	1.252

MOORING=07E
 LATITUDE=64-00.9'N
 LONGITUDE=172-02.5'W

DAILY STATISTICS
 INST DEPTH=42M
 SONIC DEPTH=55M

BEGINNING: 10/04/88
 ENDING: 07/13/89

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
02/25/89	-1.76	-1.77	-1.76	0.12	0.04	0.20	1.218	1.158	1.283
02/26/89	-1.76	-1.77	-1.74	0.14	0.07	0.20	1.209	1.126	1.308
02/27/89	-1.77	-1.78	-1.76	0.13	0.04	0.21	1.264	1.073	1.723
02/28/89	-1.75	-1.78	-1.73	0.25	0.13	0.33	3.016	2.014	3.797
03/01/89	-1.72	-1.77	-1.63	0.27	0.20	0.33	2.838	2.485	3.463
03/02/89	-1.73	-1.76	-1.69	0.18	0.05	0.28	1.879	1.345	2.582
03/03/89	-1.76	-1.78	-1.74	0.15	0.09	0.27	1.718	1.358	2.215
03/04/89	-1.79	-1.79	-1.78	0.16	0.09	0.25	1.820	1.600	1.959
03/05/89	-1.80	-1.81	-1.79	0.12	0.02	0.20	1.225	.992	1.681
03/06/89	-1.80	-1.80	-1.79	0.12	0.02	0.18	1.118	.873	1.231
03/07/89	-1.80	-1.81	-1.80	0.08	0.01	0.18	.843	.788	.952
03/08/89	-1.81	-1.81	-1.80	0.07	0.00	0.17	.750	.710	.808
03/09/89	-1.81	-1.81	-1.80	0.12	0.07	0.19	.936	.760	1.462
03/10/89	-1.74	-1.80	-1.67	0.25	0.13	0.35	2.319	1.365	2.841
03/11/89	-1.62	-1.67	-1.60	0.29	0.22	0.36	1.839	1.475	2.257
03/12/89	-1.53	-1.60	-1.47	0.33	0.24	0.45	1.478	1.404	1.601
03/13/89	-1.43	-1.47	-1.39	0.33	0.28	0.39	1.433	1.390	1.504
03/14/89	-1.40	-1.44	-1.38	0.36	0.28	0.43	1.331	1.274	1.412
03/15/89	-1.42	-1.47	-1.34	0.34	0.29	0.40	1.245	1.208	1.292
03/16/89	-1.34	-1.38	-1.32	0.32	0.26	0.36	1.283	1.247	1.319
03/17/89	-1.36	-1.43	-1.32	0.33	0.27	0.40	1.194	1.119	1.361
03/18/89	-1.63	-1.81	-1.45	0.30	0.25	0.37	1.241	1.181	1.312
03/19/89	-1.79	-1.81	-1.73	0.44	0.27	0.59	1.209	1.153	1.243
03/20/89	-1.80	-1.81	-1.80	0.50	0.42	0.58	1.223	1.163	1.298
03/21/89	-1.81	-1.82	-1.80	0.50	0.42	0.61	1.132	1.086	1.199
03/22/89	-1.81	-1.82	-1.80	0.37	0.26	0.47	1.035	.997	1.128
03/23/89	-1.81	-1.82	-1.79	0.33	0.25	0.40	1.011	.977	1.108
03/24/89	-1.82	-1.83	-1.82	0.36	0.29	0.42	1.029	.971	1.138
03/25/89	-1.82	-1.83	-1.81	0.29	0.21	0.39	.992	.961	1.143
03/26/89	-1.79	-1.82	-1.77	0.26	0.22	0.32	1.036	1.018	1.051
03/27/89	-1.79	-1.80	-1.78	0.32	0.21	0.44	1.089	1.055	1.125
03/28/89	-1.81	-1.82	-1.80	0.35	0.26	0.44	1.083	1.047	1.112
03/29/89	-1.78	-1.82	-1.70	0.32	0.25	0.38	1.075	1.024	1.128
03/30/89	-1.72	-1.76	-1.69	0.31	0.23	0.37	1.186	1.106	1.287
03/31/89	-1.69	-1.72	-1.55	0.27	0.19	0.35	1.298	1.249	1.350
04/01/89	-1.34	-1.61	-1.26	0.31	0.22	0.42	1.215	1.145	1.293
04/02/89	-1.56	-1.67	-1.36	0.28	0.20	0.35	1.273	1.241	1.345
04/03/89	-1.62	-1.68	-1.57	0.29	0.22	0.37	1.270	1.200	1.381
04/04/89	-1.58	-1.68	-1.49	0.44	0.33	0.63	1.206	1.087	1.333
04/05/89	-1.55	-1.59	-1.51	0.35	0.30	0.39	1.217	1.121	1.329
04/06/89	-1.56	-1.59	-1.52	0.32	0.27	0.38	1.373	1.183	1.489
04/07/89	-1.51	-1.57	-1.43	0.32	0.25	0.38	1.390	1.335	1.454
04/08/89	-1.41	-1.45	-1.33	0.29	0.22	0.38	1.381	1.314	1.489
04/09/89	-1.38	-1.52	-1.13	0.30	0.26	0.35	1.329	1.240	1.441
04/10/89	-1.25	-1.38	-1.06	0.37	0.29	0.48	1.412	1.307	1.550
04/11/89	-1.39	-1.60	-1.10	0.35	0.18	0.51	1.344	1.248	1.422
04/12/89	-1.62	-1.71	-1.42	0.23	0.18	0.28	1.283	1.211	1.370
04/13/89	-1.71	-1.74	-1.68	0.28	0.21	0.35	1.356	1.278	1.459

MOORING=07E
 LATITUDE=64-00.9'N
 LONGITUDE=172-02.5'W

DAILY STATISTICS
 INST DEPTH=42M
 SONIC DEPTH=55M

BEGINNING: 10/04/88
 ENDING: 07/13/89

DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
04/14/89	-1.76	-1.77	-1.74	0.40	0.27	0.51	1.524	1.443	1.635
04/15/89	-1.76	-1.78	-1.75	0.68	0.45	0.87	1.729	1.519	1.960
04/16/89	-1.77	-1.78	-1.76	0.87	0.60	1.20	1.856	1.715	2.067
04/17/89	-1.76	-1.77	-1.76	0.79	0.62	1.02	2.033	1.823	2.261
04/18/89	-1.75	-1.75	-1.73	0.85	0.63	1.05	2.420	2.298	2.588
04/19/89	-1.74	-1.75	-1.73	0.58	0.41	0.81	2.196	1.944	2.496
04/20/89	-1.75	-1.76	-1.74	0.50	0.36	0.84	2.291	2.096	2.447
04/21/89	-1.75	-1.76	-1.75	0.44	0.28	0.57	2.104	2.015	2.223
04/22/89	-1.75	-1.76	-1.74	0.37	0.29	0.57	1.940	1.823	2.178
04/23/89	-1.75	-1.76	-1.75	0.33	0.26	0.41	2.067	1.913	2.985
04/24/89	-1.77	-1.78	-1.75	0.39	0.21	0.58	2.077	1.930	2.308
04/25/89	-1.77	-1.78	-1.74	0.35	0.22	0.46	2.150	1.950	2.330
04/26/89	-1.78	-1.80	-1.77	0.30	0.19	0.51	2.090	1.863	2.276
04/27/89	-1.79	-1.80	-1.77	0.41	0.30	0.58	1.877	1.720	2.035
04/28/89	-1.77	-1.78	-1.76	0.43	0.28	0.62	1.982	1.857	2.130
04/29/89	-1.77	-1.78	-1.76	0.36	0.20	0.51	2.383	2.161	2.561
04/30/89	-1.78	-1.79	-1.76	0.32	0.20	0.62	2.419	2.173	2.603
05/01/89	-1.79	-1.79	-1.77	0.23	0.12	0.34	2.204	1.922	2.505
05/02/89	-1.77	-1.78	-1.75	0.27	0.15	0.76	2.094	2.001	2.201
05/03/89	-1.77	-1.78	-1.76	0.22	0.13	0.35	2.227	2.129	2.398
05/04/89	-1.77	-1.78	-1.76	0.30	0.14	0.65	2.359	2.216	2.552
05/05/89	-1.76	-1.77	-1.73	0.68	0.39	1.04	2.482	2.385	2.590
05/06/89	-1.75	-1.76	-1.74	0.80	0.58	0.96	2.309	2.123	2.655
05/07/89	-1.73	-1.74	-1.72	1.12	0.88	1.43	2.076	1.942	2.292
05/08/89	-1.73	-1.75	-1.70	1.04	0.66	1.91	2.160	1.972	2.418
05/09/89	-1.64	-1.73	-1.55	2.26	1.09	3.64	2.379	2.192	2.564
05/10/89	-1.65	-1.70	-1.61	2.16	1.48	2.77	2.447	2.360	2.612
05/11/89	-1.63	-1.69	-1.54	2.11	1.33	3.04	2.586	2.420	2.664
05/12/89	-1.48	-1.53	-1.42	1.94	1.50	2.15	2.704	2.574	2.807
05/13/89	-1.29	-1.39	-1.16	3.63	2.40	4.85	3.186	2.823	3.402
05/14/89	-0.98	-1.13	-0.85	4.33	3.81	4.87	3.213	3.003	3.382
05/15/89	-0.90	-1.05	-0.81	4.58	3.23	6.34	3.189	3.036	3.459
05/16/89	-1.18	-1.31	-1.07	4.37	3.07	6.24	3.311	3.161	3.414
05/17/89	-1.45	-1.58	-1.31	1.56	1.01	3.05	2.805	2.624	3.068
05/18/89	-1.63	-1.66	-1.60	1.67	1.23	2.23	2.842	2.749	3.004
05/19/89	-1.49	-1.62	-1.36	2.65	1.91	3.41	3.056	2.912	3.241
05/20/89	-1.24	-1.36	-1.13	4.30	3.04	5.12	3.228	3.112	3.342
05/21/89	-1.05	-1.18	-0.96	3.66	2.84	4.64	3.239	3.114	3.329
05/22/89	-0.85	-0.96	-0.74	3.07	2.01	3.74	3.255	3.080	3.406
05/23/89	-0.76	-0.82	-0.65	2.30	1.76	2.67	3.088	2.955	3.273
05/24/89	-0.59	-0.63	-0.55	2.20	1.77	2.86	2.984	2.781	3.230
05/25/89	-0.78	-0.89	-0.62	3.48	2.29	4.76	3.074	2.975	3.169
05/26/89	-0.83	-0.91	-0.80	3.80	2.93	4.46	3.083	2.857	3.239
05/27/89	-0.81	-0.90	-0.75	4.22	3.54	5.10	3.199	3.097	3.417
05/28/89	-0.82	-0.91	-0.73	3.83	3.07	4.49	>6.0	3.096	>6.0
05/29/89	-0.75	-0.81	-0.65	3.06	2.21	4.20	3.251	3.044	3.412
05/30/89	-0.59	-0.67	-0.53	1.80	1.10	2.81	2.625	2.285	3.048
05/31/89	-0.49	-0.58	-0.30	1.70	0.87	2.59	2.313	2.110	2.539

MOORING=07E
 LATITUDE=64-00.9'N
 LONGITUDE=172-02.5'W

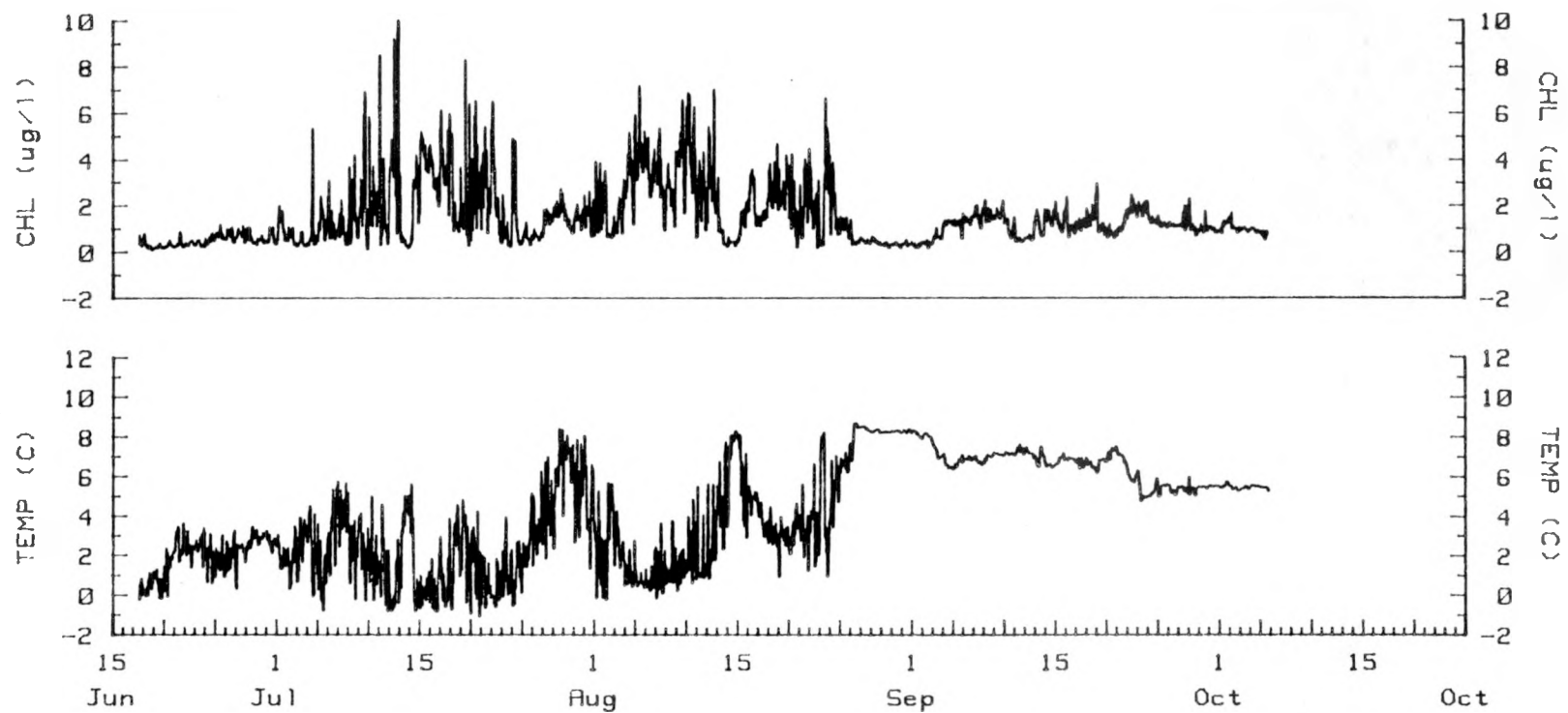
DAILY STATISTICS
 INST DEPTH=42M
 SONIC DEPTH=55M

BEGINNING: 10/04/88
 ENDING: 07/13/89

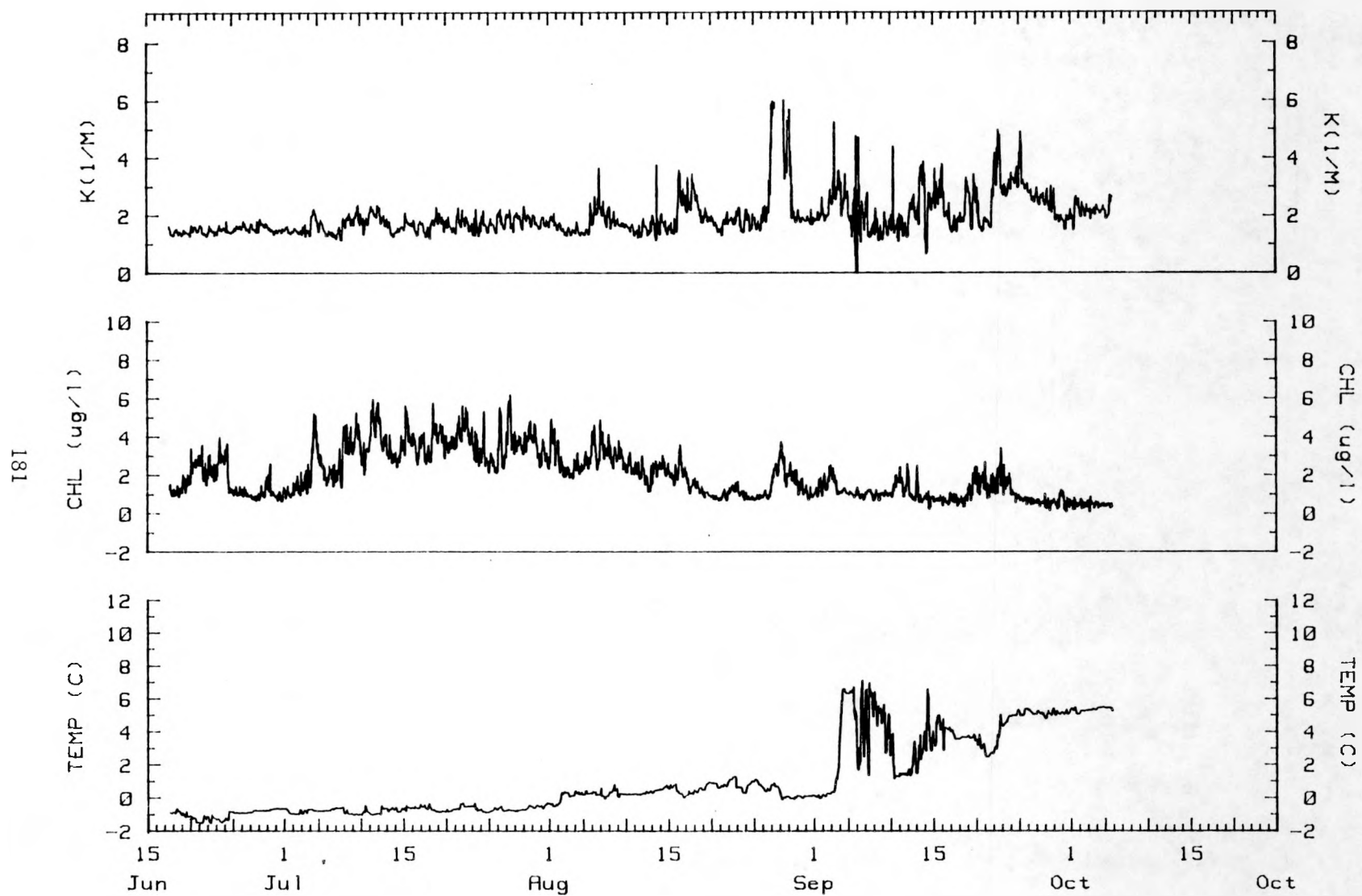
DATE	TEMPERATURE (C)			CHL (UG/L)			ATTENUATION (1/M)		
	MEAN	MIN	MAX	MEAN	MIN	MAX	MEAN	MIN	MAX
06/01/89	-0.63	-0.72	-0.54	2.28	1.81	2.91	2.604	2.433	2.788
06/02/89	-0.51	-0.62	-0.40	2.12	1.43	2.73	2.690	2.530	3.023
06/03/89	-0.46	-0.58	-0.33	1.10	0.69	1.49	2.438	2.220	2.784
06/04/89	-0.32	-0.38	-0.25	1.40	1.04	1.75	2.526	2.452	2.591
06/05/89	-0.40	-0.48	-0.32	1.66	1.23	2.05	2.643	2.574	2.739
06/06/89	-0.29	-0.40	-0.12	1.08	0.54	1.60	2.218	1.990	2.684
06/07/89	-0.22	-0.31	-0.02	0.66	0.45	0.87	2.037	1.901	2.149
06/08/89	0.01	-0.19	0.34	0.76	0.63	1.01	2.275	2.125	2.441
06/09/89	0.40	0.21	0.58	0.87	0.54	1.63	2.199	1.961	2.514
06/10/89	0.11	0.04	0.18	1.05	0.59	2.73	2.311	2.165	2.416
06/11/89	0.00	-0.07	0.11	0.71	0.54	0.97	2.134	1.884	2.340
06/12/89	-0.02	-0.04	0.03	0.75	0.50	1.03	2.300	2.206	2.456
06/13/89	0.03	-0.04	0.16	0.51	0.33	0.93	2.212	1.920	2.588
06/14/89	0.33	0.18	0.45	0.55	0.39	0.77	2.235	2.114	2.347
06/15/89	0.20	-0.09	0.47	0.49	0.34	0.75	2.214	2.060	2.427
06/16/89	0.13	-0.03	0.26	0.54	0.37	0.96	2.563	2.442	2.680
06/17/89	0.42	0.26	0.48	0.39	0.24	0.54	2.337	2.157	2.664
06/18/89	0.50	0.47	0.54	0.28	0.21	0.60	2.397	2.181	2.552
06/19/89	0.42	0.38	0.52	0.28	0.19	0.43	2.587	2.417	2.792
06/20/89	0.40	0.36	0.44	0.54	0.24	0.84	2.548	2.323	2.914
06/21/89	0.38	0.29	0.44	0.68	0.47	1.03	2.701	2.522	2.803
06/22/89	0.29	0.26	0.31	0.45	0.31	0.72	2.634	2.477	2.898
06/23/89	0.22	0.12	0.28	0.31	0.18	0.46	2.516	2.351	2.666
06/24/89	0.34	0.20	0.43	0.34	0.23	0.47	2.761	2.645	2.936
06/25/89	0.42	0.31	0.48	0.31	0.24	0.45	2.607	2.318	2.983
06/26/89	0.60	0.32	0.85	0.35	0.22	0.56	2.337	2.146	2.525
06/27/89	0.49	0.41	0.72	0.35	0.25	0.46	2.449	2.342	2.614
06/28/89	0.59	0.40	0.80	0.31	0.20	0.38	2.372	2.115	2.544
06/29/89	0.85	0.63	1.22	0.29	0.21	0.38	2.369	2.232	2.468
06/30/89	1.21	1.01	1.35	0.30	0.25	0.37	2.591	2.393	2.718
07/01/89	1.10	0.87	1.31	0.26	0.19	0.33	2.302	2.049	2.705
07/02/89	1.02	0.82	1.25	0.24	0.20	0.32	2.011	1.831	2.272
07/03/89	1.27	1.16	1.33	0.24	0.21	0.28	2.093	2.000	2.310
07/04/89	1.29	1.16	1.42	0.25	0.22	0.28	2.077	1.975	2.304
07/05/89	1.28	1.16	1.45	0.25	0.21	0.32	2.187	2.007	2.363
07/06/89	1.20	1.02	1.30	0.23	0.19	0.27	2.339	2.137	2.561
07/07/89	1.02	0.99	1.05	0.28	0.21	0.36	2.535	2.343	2.747
07/08/89	1.04	0.84	1.17	0.29	0.24	0.38	2.420	2.144	2.817
07/09/89	0.76	0.55	0.97	0.49	0.33	0.71	2.191	1.988	2.449
07/10/89	0.96	0.62	1.20	0.62	0.44	0.84	2.140	1.992	2.315
07/11/89	1.12	0.82	1.31	0.48	0.35	0.66	2.214	2.063	2.418
07/12/89	1.09	0.91	1.20	0.34	0.23	0.43	2.527	2.345	2.686
07/13/89	0.99	0.71	1.19	0.33	0.25	0.41	2.445	2.121	2.651

ISHTAR 1988 moorings:
Time series plots of chlorophyll a, temperature, and beam attenuation

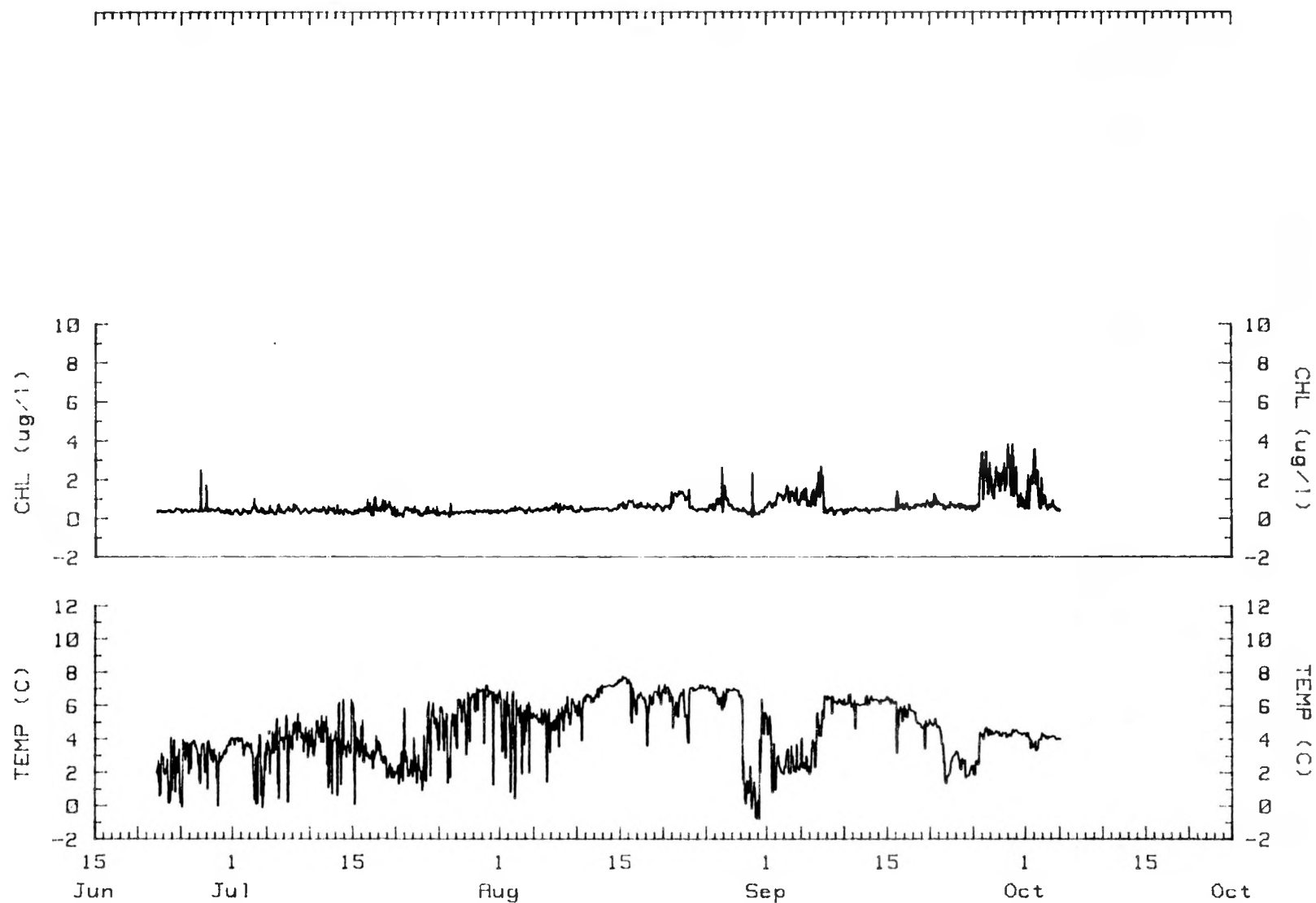
180



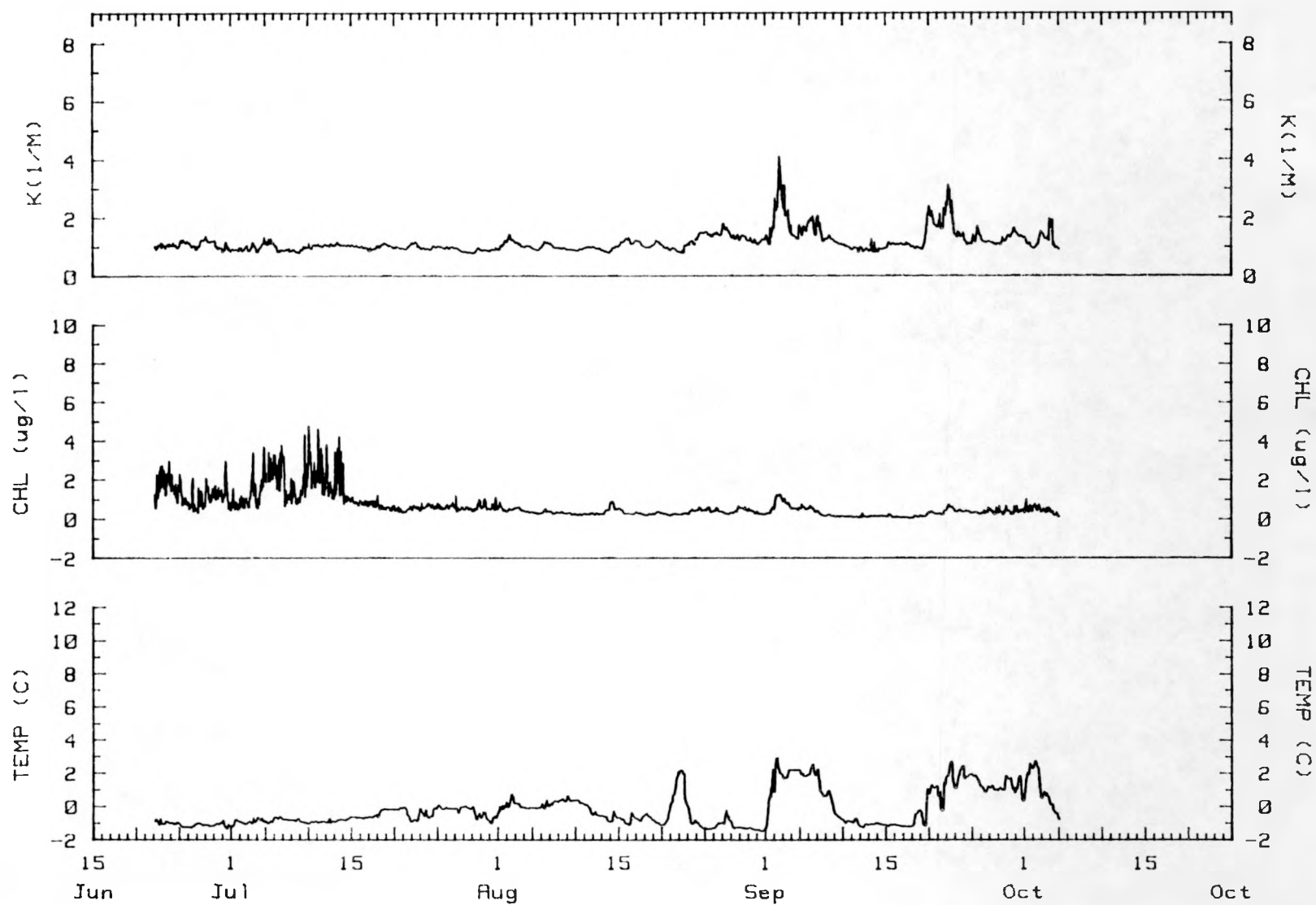
ISHTAR 1988, MOORING: 03D LAT: 62-49.5'N, LON: 168-39.7'W
SONIC DEPTH: 43M, INST DEPTH: 13M, FILTER: 2HLP



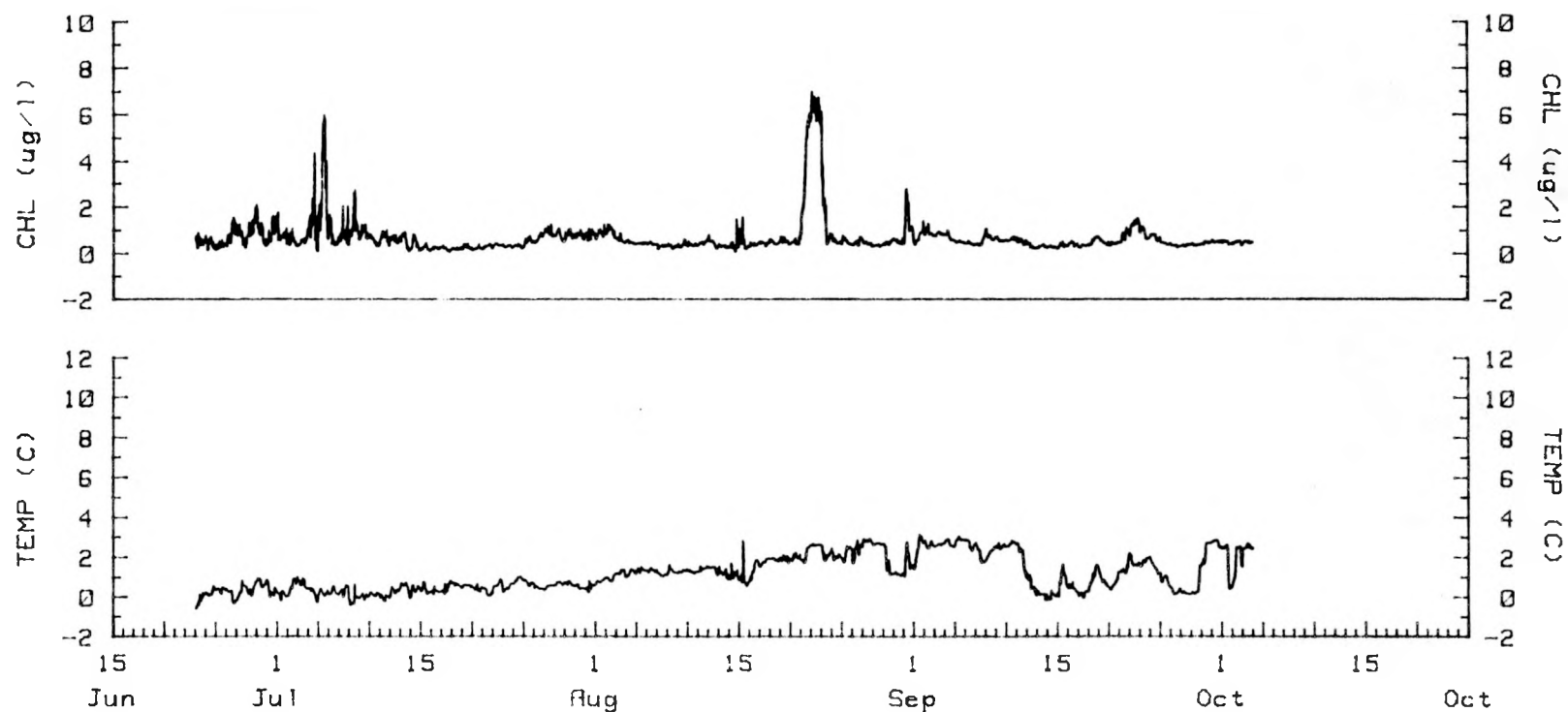
ISHTAR 1988, MOORING: 03D LAT: 62-49.5'N, LON: 168-39.7'W
SONIC DEPTH: 43M, INST DEPTH: 35M, FILTER: 2HLP



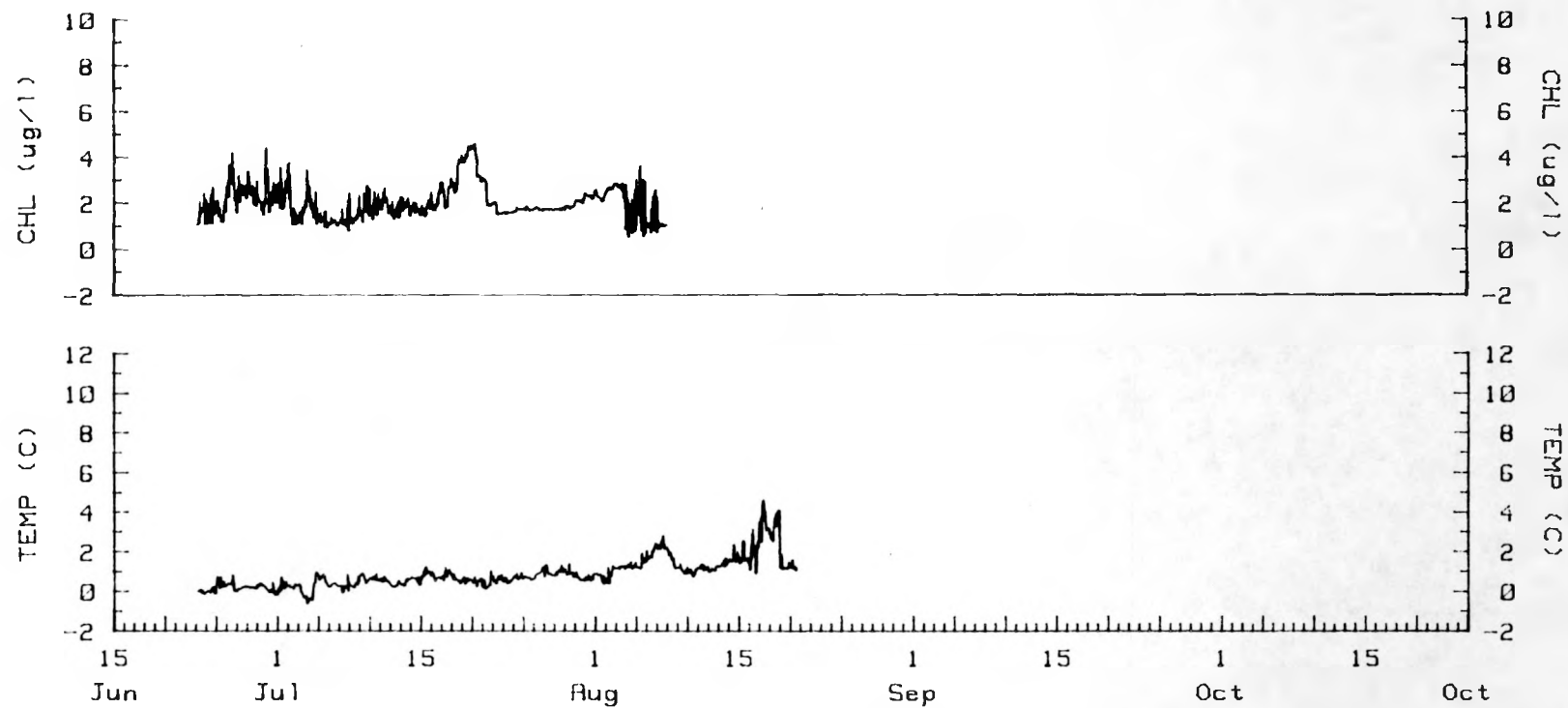
ISHTAR 1988, MOORING: 07D LAT:63-57.0'N, LON:172-06.1'W
SONIC DEPTH: 55M, INST DEPTH: 18M, FILTER: 2HLP



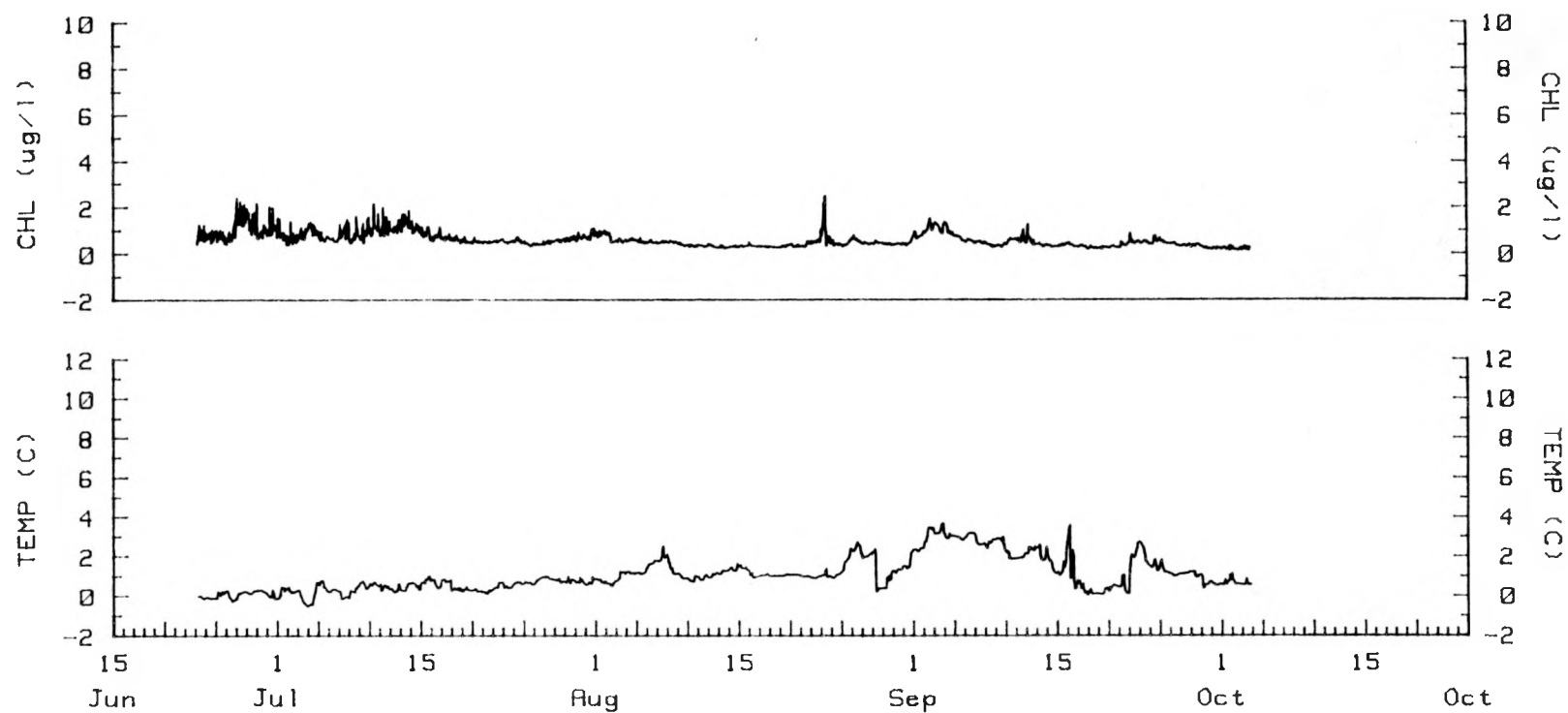
ISHTAR 1988, MOORING: 07D LAT:63-57.0'N, LON:172-06.1'W
SONIC DEPTH: 55M, INST DEPTH: 48M, FILTER: 2HLP



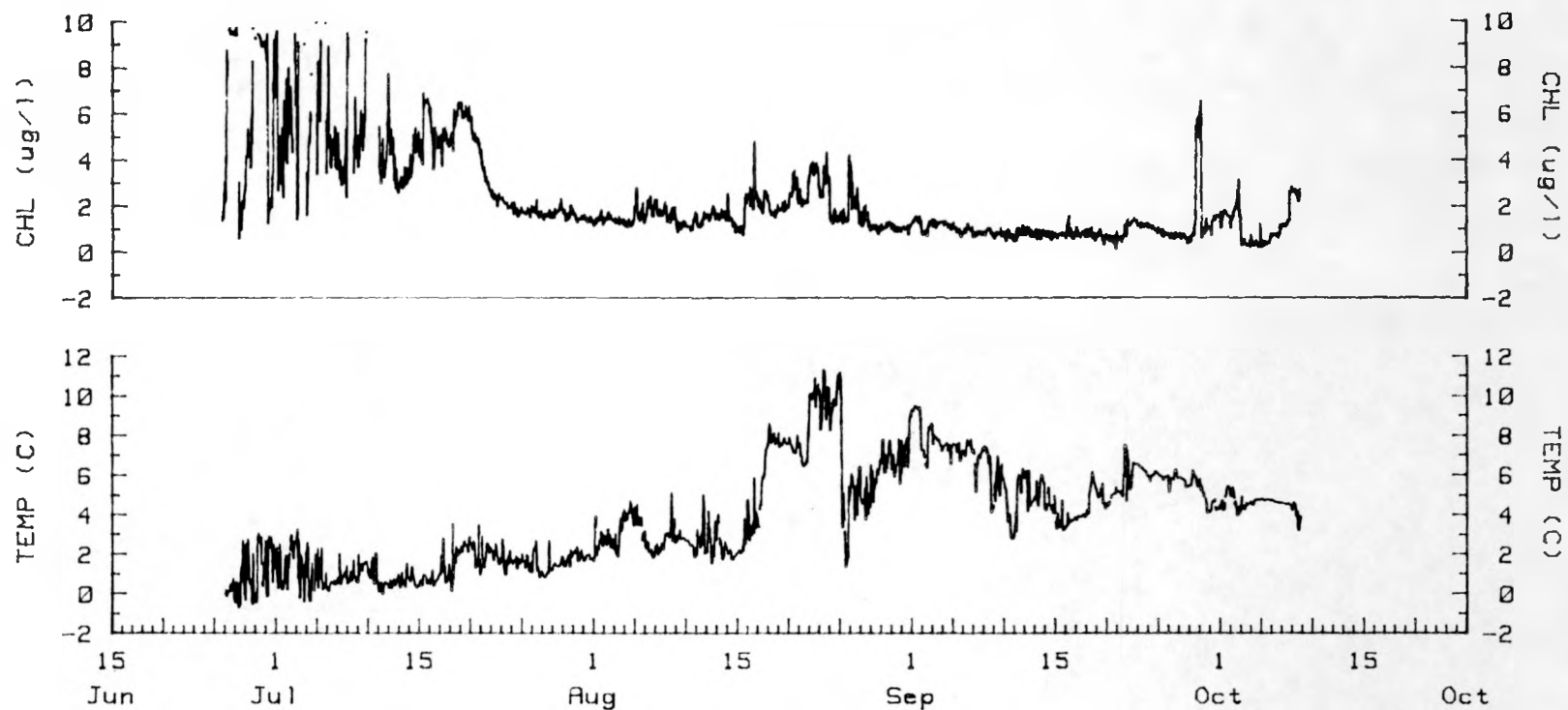
ISHTAR 1988, MOORING: 08D LAT: 64-37.0'N, LON: 170-50.4'W
SONIC DEPTH: 47M, INST DEPTH: 15M, FILTER: 2HLP



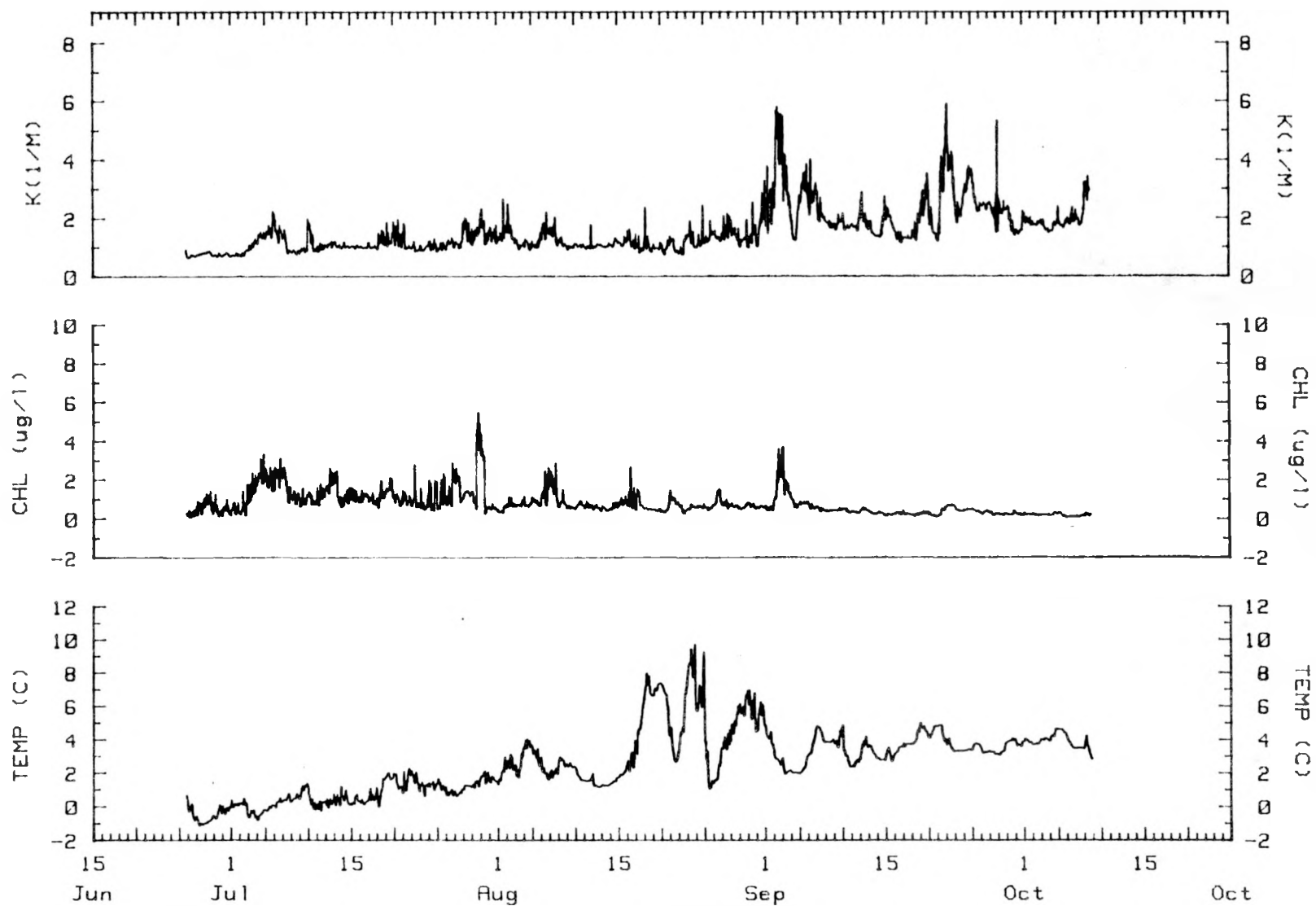
ISHTAR 1988, MOORING: 18B LAT: 64-37.2'N, LON: 169-45.2'W
SONIC DEPTH: 46M, INST DEPTH: 17M, FILTER: 2HLP



ISHTAR 1988, MOORING: 18B LAT: 64-37.2'N, LON: 169-45.2'W
SONIC DEPTH: 46M, INST DEPTH: 39M, FILTER: 2HLP



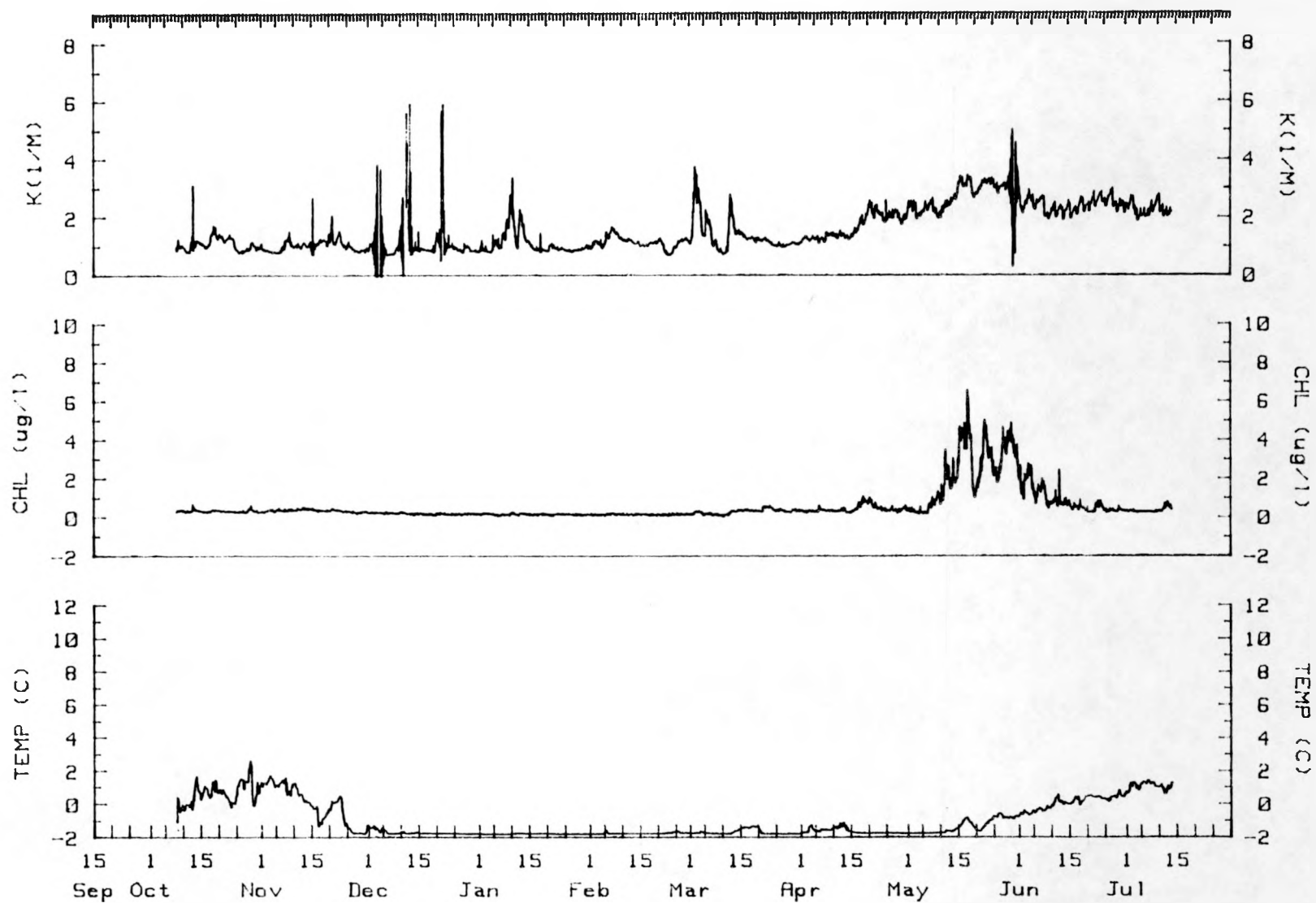
ISHTAR 1988, MOORING: 21B LAT:65-45.8'N, LON:168-27.7'W
SONIC DEPTH: 56M, INST DEPTH: 14M, FILTER: 2HLP



ISHTAR 1988, MOORING: 21B LAT: 65-45.8'N, LON: 168-27.7'W
 SONIC DEPTH: 56M, INST DEPTH: 48M, FILTER: 2HLP

ISHTAR 1988-89 moorings:
Time series plots of chlorophyll a, temperature, and beam attenuation

ISHTAR 1988-1989, MOORING: 03E LAT:62-49.2'N, LON:168-40.7'W
SONIC DEPTH: 43M, INST DEPTH: 35M, FILTER: 2HLP



ISHTAR 1988-1989, MOORING: 07E LAT: 64-00.9'N, LON: 172-02.5'W
SONIC DEPTH: 55M, INST DEPTH: 42M, FILTER: 2HLP