

# Marine Studies of San Pedro Bay, California

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## PART 10

PHYSICAL WATER QUALITY IN THE LONG BEACH HARBOR AREA

Data Report on Temperature, Salinity, Oxygen, pH and Turbidity for  
the Port of Long Beach in 1973 and 1974.



*Edited by*  
Dorothy F. Soule  
and  
Mikihiko Oguri

*Published by*  
The Allan Hancock Foundation  
Harbors Environmental Projects  
and  
The office of Sea Grant Programs  
University of Southern California  
Los Angeles, California 90007

January, 1976  
USC-SG-1-76

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On the cover: Port of Long Beach Slip 2. *(Photograph by courtesy of the Port of Long Beach.)*

MARINE STUDIES OF SAN PEDRO BAY, CALIFORNIA. PART 10  
PHYSICAL WATER QUALITY IN THE LONG BEACH HARBOR AREA  
in 1973 and 1974

by

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Los Angeles, California 90007

Abstract. Temperature, salinity, oxygen and pH were monitored at monthly intervals in 1973 and 1974 at stations in the Los Angeles-Long Beach harbor areas. Sensors were used to measure parameters at one meter intervals to give depth profiles. Light transmittance was also monitored. Seasonality, wind and weather, nutrient supply, pollutants, and shallow water stirring affect the parameters measured and displayed in the plots.

January, 1976

PHYSICAL WATER QUALITY IN THE LONG BEACH HARBOR AREA  
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for the Port of Long Beach in 1973 and 1974.

Introduction

The physical water quality of Los Angeles-Long Beach Harbors has been monitored for varying lengths of time by the Harbor Environmental Projects group of the Allan Hancock Foundation, University of Southern California. During 1973 and 1974, more than forty stations from Cabrillo Beach to the San Gabriel River mouth were monitored monthly for temperature, salinity, oxygen and pH, at one meter depth intervals throughout the water column. Martek Mark II or III instruments with remote probes were used for these measurements. In addition, percent light transmittance (turbidity) was measured by a Hydroproducts transmissometer.

The harbor areas were divided into four sectors for convenience in monitoring (Fig. 1). Monitoring was begun at Los Angeles A stations in June, 1971, under funding by the Pacific Lighting Corporation; also included in the scope were studies of the plankton, water column and benthic fauna. Subsequently the USC Sea Grant Program (NOAA, Department of Commerce), the Port of Los Angeles, the U.S. Army Corps of Engineers and local industries joined in the expanded cooperative investigations in an effort to gain an understanding of the marine environment, and the B, C, and D stations were added. The present publication is funded by the Port of Long Beach and includes data for 1973 and 1974 from the Port of Long Beach area (B stations), and the harbor waters east of the port, in the Long Beach City area (D stations). A report on A stations for 1971-1973 was published under funding by Pacific Lighting Corporation (Soule and Oguri, 1974).

Long term records demonstrate the difficulty of understanding the ecology of any area on the basis of a single time or short-term monitoring program, in the absence of an adequate baseline and a continuing program. For example, near-shore ocean temperatures off southern California vary from year to year (Soule, 1974), which in turn affects the fauna found in those waters (Soutar and Isaacs, 1969, 1974) and in the waters of the harbors and estuaries. Although the thermal regime of nearshore waters influences the species composition of the fauna, the variations and limitations imposed by dissolved oxygen levels (DO) dominate harbor waters. The reduced circulation, so necessary to safety and efficiency in the berthing of vessels, limits aeration and exchange or flushing. Industrial wastes, effluents from sewage treatment plants and canneries, storm run-off and natural seasonal die-offs of biota

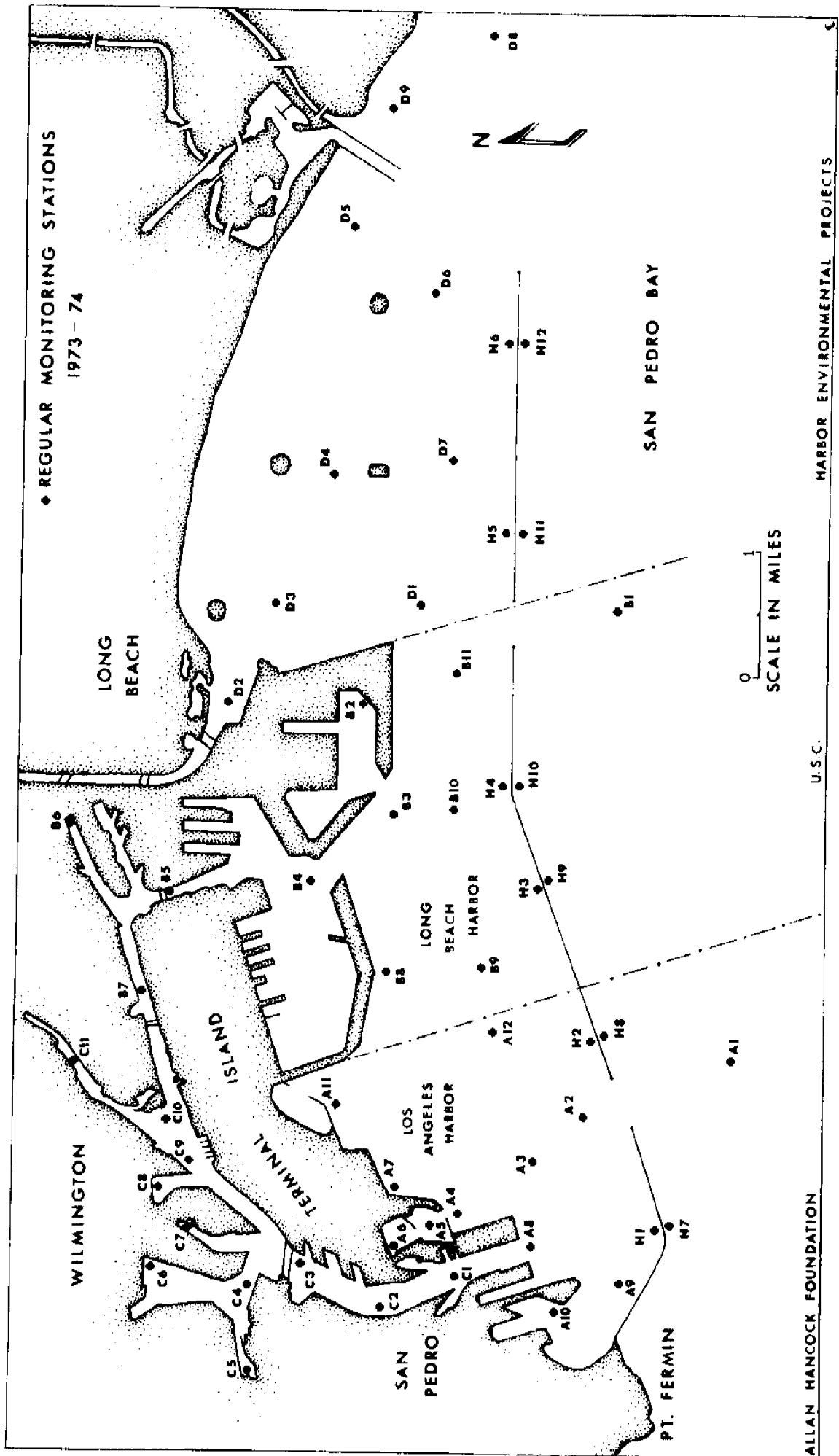


FIGURE 1

all exert demands on the oxygen supply. The supply of oxygen in the water column is related directly to photosynthesis carried on by phytoplankton (single-celled floating algae); these in turn may draw on the nutrients in the harbor waters for growth factors and exert further oxygen demand when populations bloom and then die. It therefore becomes very important to learn what the oxygen budget of the harbor waters may be.

### Temperature

The extremes recorded locally since the present investigations began are of interest. The low was  $8.1^{\circ}\text{C}$  ( $46.6^{\circ}\text{F}$ ) at A1, outside Angels Gate in December, 1971. Highs recorded were at A8 in West Basin, Los Angeles, of  $25.8^{\circ}\text{C}$  in August, 1971 and October, 1971 and  $26^{\circ}\text{C}$  ( $78.8^{\circ}\text{F}$ ) in July, 1972. Station A8 is near the effluent from the Harbor Steam Plant. In the Long Beach area, the lowest temperature recorded was  $8.8^{\circ}\text{C}$  at B1, outside Queens Gate in April, 1973, and the highest was  $27.2^{\circ}\text{C}$  in September, 1974, at D9 near the San Gabriel River mouth, where the Haynes Steam Plant discharges thermal effluent. Records from the two-year survey in 1973 and 1974 indicate that certain definitive differences occurred in the two years. For example, the high temperature in April of 1973 was lower than the low temperature of April, 1974 at B1, outside the Queens Gate entry of the Port of Long Beach.

The principal variations in sea temperatures in the spring months occur as follows: the water may remain cool through May, or waters may warm relatively suddenly, or temperatures may rise gradually over the period of several months. Conversely, the fall temperatures may drop gradually, as they did in September, October and November of 1973, or they may drop relatively suddenly, as they did in October, 1974, following a relatively cool summer with a peak in September.

The harbor waters are more likely to have temperatures influenced by insolation than are the ocean waters; the latter are more influenced by major currents and global meteorological phenomena (the weather). In harbors, highs correspond to long, sunny, summer days in July and August, and the heat of September, and lows occur in the shorter-day months, and in periods of fog and low cloud cover. May or June often have numerous days with morning fog and low clouds.

Thermal stratification occurs in the summer months, with fairly steep gradients. Rapid mixing, or turnover, such as is seen in freshwater lakes, occurs both inside and outside the harbor in November and December, though this is less apparent in outside waters. A thermal inversion may persist through January and February, as shown at B1 in 1973, when surface

waters are colder than waters beneath the surface. Thermal stratification may be followed by rapid turnover and thermal inversion, which is probably caused by a combination of several seasonal events that occur in the fall. These include hot days followed by long cool nights which chill surface waters, plus occasional strong hot Santa Ana winds from the desert and mountains, and the spring and fall tidal extremes.

Although A and B stations were monitored only one week apart each month, there are differences in the shape of the temperature curves between the sea buoys, A1 and B1. Station D8 is also outside the breakwaters, but apparently D8 is influenced by the power plant discharges and its curves are quite different from A1 or B1. The Long Beach main channel station B3 is similar to B1, but the temperature changes at B3, B4 and B5 become less abrupt and the curves more rounded, as is typical of more sheltered harbor areas such as B6 and B7. Stations B8 and B9 in the outer harbor are also somewhat modified and the curves are less abrupt. Stations B9, B10 and B11 were added during 1974 to increase coverage of the outer harbor, so those stations show only a part of that year. They seem to be influenced somewhat by waters from the gyre between Fish Harbor and the Navy Mole (Soule and Oguri, 1973).

The D station thermal patterns differ considerably from B stations. All D stations peaked at 21° C or above, except for D7 and D8 in 1973, whereas none of the B stations did. In the Port of Long Beach, the high was 20.9° C in July, 1974 at B6, and it was 20.6° C in September, 1974 at B11, whereas the peak was 27.2° C at D9. Depth is not apparently the limiting factor, but circulation, or lack of it, may be.

### Salinity

Salinities during the summer months show relatively small ranges, but the curves sometimes indicate that the highest salinities occur at about 12 meters depth, and lower salinities are found both above and below that general level. This trend can be seen in August, September and October in 1974 at B1, B9, B10, B11, and D1, D3, D4, D6, and D7.

Narrow ranges in salinities occurred in the summers at B1, B2, B3, B4 and B8-B11, and at D1, D5 and D8, while B5 and B6, D4, D6 and D7 were more variable. Station D2, at the mouth of the Los Angeles River, shows the greatest variation. Surprisingly, station B7 near the lift bridge in the inner harbor also had a very narrow range of salinities.

Certain salinity readings given in the data tables for May and June of 1974 have been deleted from the plots as pos-



sibly being due to malfunction of the salinity probe, although it is calibrated by the manufacturer regularly. The Los Angeles County Flood Control District does release impounded water upstream at times, but release of 400 acre-feet of water in June seems insufficient to lower salinities in a large area significantly. No other large source of freshwater input in the summer could be identified.

The normal seasonal rainfall for central Los Angeles is about 12 inches, most of which falls between November and March. In 1972-1973 the season totalled more than 21 inches of rain, most of which fell between January and April of 1973. In 1973-1974 the total was about 16 inches, with more than 10 inches falling in January 1974 alone. Harbor waters showed the effects of the runoff, especially in the spring of 1973, when a considerable salinity gradient persisted for several months.

The average salinity value for all ocean waters is 34.7‰, with a range of 33.0 to 37.0. The Pacific Ocean in local latitudes averages 34.24 (Gerard, 1966). Extremes in salinity occur in the coastal regions rather than open ocean, although water masses differ in salinity. The extremes measured in Long Beach Harbor waters during 1973 and 1974 ranged from a low of 27.5‰ at the mouth of the Los Angeles River, D2, in February, 1974 to a high of 35.05‰ near the bottom of the Long Beach Main Channel at B5 in January of 1973. In Los Angeles West Basin, salinities of 35 to 36.8‰ were recorded in the fall of 1971, the summer of 1972, and in January, 1973 in bottom waters. They then reduced and remained in the 33‰ range the remainder of 1973. Salinities were also in the 35-36‰ in 1971 and 1972 at A7, near the outfalls in outer Los Angeles Harbor, until February, 1973, when salinities dropped to the 31.5-33.9‰ range in 1973. It would appear that a significant shift in lowered salinity occurred in 1973 from the 1971 and 1972 levels.

#### Dissolved Oxygen

Although the saturation point of oxygen in seawater is usually given as 9 ppm, harbor and inshore waters often exceed this figure, due to phytoplankton blooms. The occurrence of local spring and fall phytoplankton blooms has been documented (Oguri et al., 1975; Oguri, 1974; Soule and Oguri, 1973; Brongersma-Sanders, 1957). At B1, outside the breakwater at Queens Gate, a single peak of 11.5 ppm is seen in April, 1973. In 1974, minor peaks occurred in April and June, while major peaks of 12 and 11.9 ppm occurred in September and November respectively. It is curious to note that the highest oxygens may be located at the surface, or they may occur below the sur-

face, thus suggesting the location of the particular phytoplankton bloom.

Incidences of dissolved oxygen readings above 9 ppm occurred throughout the B and D stations in all months except November and December, 1973. Readings above 13 ppm occurred at B6 in July, 1974, and at B8 in May, 1973; D stations showed similar readings at D1 and D7 in April, 1973, with other stations only slightly below 13 ppm at that time. At A3, 14.2 ppm occurred in April, 1972, when 13.8 occurred at A6 in Fish Harbor. A 14.6 reading had occurred in September 1971 at A6 as well. A high of 16 ppm has been recorded in 1975 near D2.

Episodes of supersaturated surface oxygen during phytoplankton blooms may well give the impression of enhanced water quality, but subsurface waters are quite likely to have very low DO readings when surface readings are very high. The lack of DO stresses fish and zooplankton in the water column, as well as the organisms in the benthos (bottom) that are so important to the food chain. Surface DO's generally decline precipitously following high peaks, perhaps due to the oxygen demand imposed by die-off of the bloom, or to exhaustion of nutrients at the immediate site, or to build-up of metabolic wastes, or a combination of these factors. Harbor waters are not ordinarily nutrient limited. It has been suggested, however, that phytoplankton blooms occur because "wind cells" form and confine to small areas water and phytoplankton populations that might otherwise be dispersed by tides and circulation. Thus small areas could become overpopulated by phytoplankton and be nutrient poor. (see Table 1 for high oxygen data.)

#### Hydrogen Ion Concentration (pH)

The pH of surface sea waters usually ranges from 7.8 to 8.3 and is affected by temperature and salinity, by photosynthesis and respiration, and by the carbonate buffer and gas exchange (Hood, 1966). Values as high as 9 have been recorded in estuaries. However, problems with pH electrode stability are recurrent, and for this reason a number of values have been omitted from data tables and plots.

The range of values reported for station B1 is 7.32 to 8.66. Lows between 6.9 and 7.0 have been reported at B3, B4 and B6 in the Port of Long Beach. Peaks in pH sometimes coincide with peaks in dissolved oxygen, but in other instances they do not. The latter case can be seen at D stations in the fall of 1973. No doubt the various factors presented above affect this.

It is probable that the relationship of high pH and high

	1973												1974											
	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
B1				X	X													X						
B2			X	X	X			X										X						
B3			X	X	X			X										X						
B4			X	X	X			X										X						
B5				X	X			X										X						
B6				X	X													X						
B7				X	X													X						
B8		X	X	X	X			X										X						
B9																		X						
B10																		X						
B11																		X						
<hr/>																								
D1			X	X	X			X									X			X?				
D2			X	X				X										X						
D3			X	X	X			X	X									X		X?				
D4			X	X	X			X	X									X		X?				
D5			X	X	X			X	X									X						
D6			X	X	X			X	X									X		X?				
D7			X	X	X			X	X									X		X?				
D8			X	X	X			X	X									X		X?				

X = DO above 9 ppm. ? = projected readings.

Table 1. Bloom (Excess Oxygen) Conditions in the Port of Long Beach and Harbor Waters.

oxygen is valid when oxygens are at or near the normal range of values, but is not valid when supersaturated oxygen and bloom conditions occur. More probably, low oxygens would be associated with low pH's.

### Correlations and Grouping of Stations

In a study for the U.S. Army Corps of Engineers (AHF 1975) analyses of biotic and abiotic parameters were carried out for the entire harbor area. Monthly measurements such as are presented in the present publication of DO, pH, percent light transmittance, salinity, temperature, nutrients and ammonia were used to calculate mean values for abiotic characterization of each station. Standard deviation was used as a measure of variability and oxygen and pH minima were included. "Percent light transmittance" is listed in the present data tables as "Turbidity."

Utilizing Euclidean distance measures on the centered and standardized data, the abiotic variables were classified and grouped. Stations were similarly grouped, based on their Euclidean distance from one another; that is, on their affinities as shown by the statistical treatment of the data. A two-way table from this report is reproduced here as Table 2, showing the grouping of the stations and the parameters used in classifying the surface waters. (Table 3,4; Figure 2)

Group I, consisting of stations A8, B2, B5 and B7 show moderate levels of the parameters considered. Groups II, III and IV encompass most of the outer harbor stations. Group II includes stations A1, B1, B3, B4, and B8-B11, in outer Long Beach Harbor and at the sea buoys of both harbors. Group III stations D1, and D4-D8, are all in the area to the east of Pier J. Group IV stations A2-A6 and A9-A12 are in outer Los Angeles Harbor. Group II showed the highest range of variation in BOD and temperature. Groups II and III had higher DO, higher pH, less variable salinity, and clearer water than Group IV.

Group V, station C1 through C11, comprises all the stations in Inner Los Angeles Harbor. These stations showed low DO and pH values and high values for the nutrients nitrite, ammonia and phosphate ( $\text{NO}_2$ ,  $\text{NH}_3$ , and  $\text{PO}_4$ ). Temperatures were higher and more variable and salinities were less variable in Group V than for Group IV stations.

Group VI stations A7, D2, D3 and D9 are all located near freshwater discharges. Turbidity and nutrients were generally higher than in other groups. Stations A7, D2 and D3 had very high BOD values, and A7 and D2, the closest stations to the freshwater sources, showed low and variable salinities.

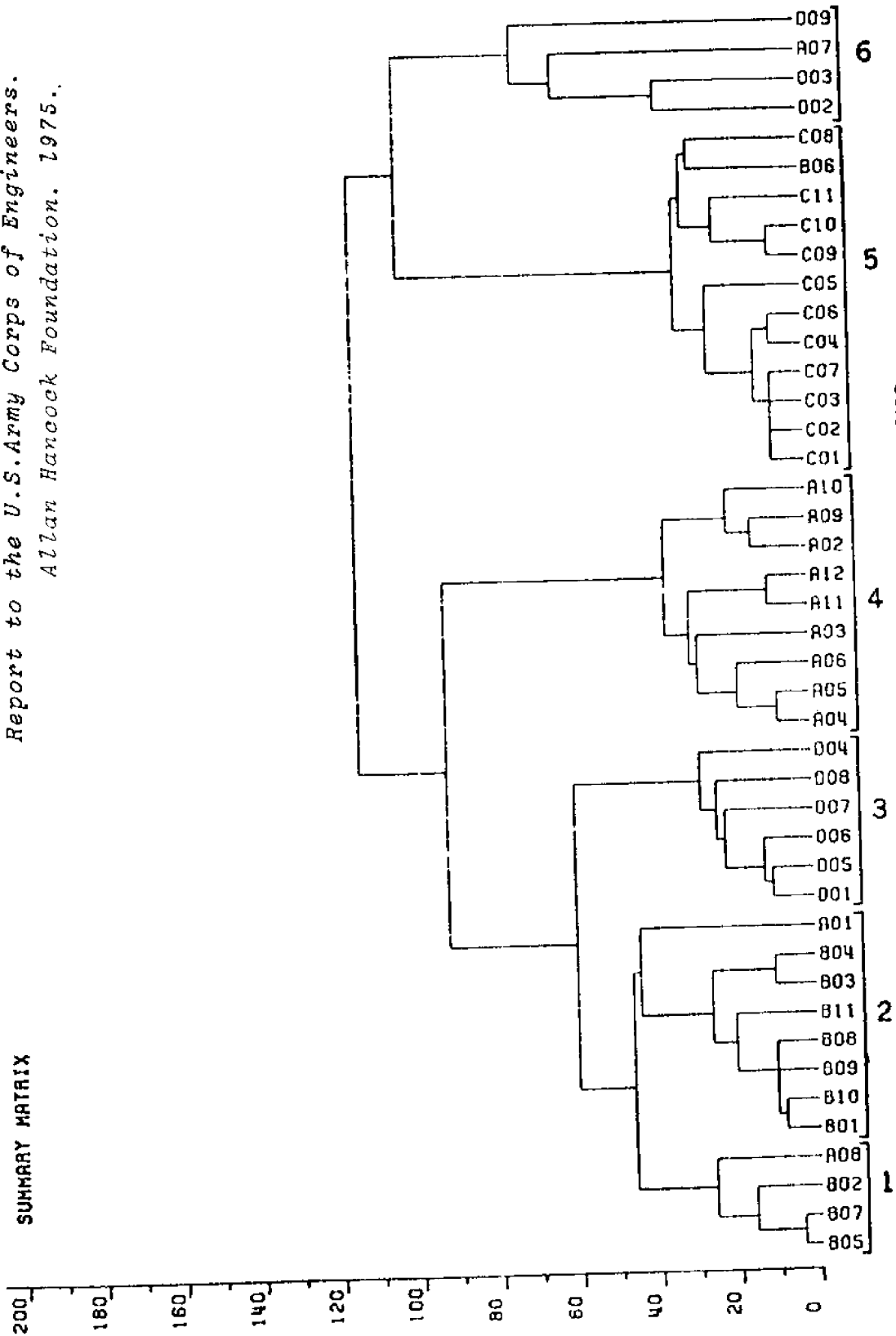
ABIOTIC DATA	STATION GROUPS					
	I	II	III	IV	V	VI
Mean DO	+	+	+	+	-	-
Minimum DO I	+	+	+	+	-	-
Mean pH	-	+	+	+	-	-
Minimum pH	-	+	+	+	-	-
% Transmiss.	-	+	+	+	-	-
Ammonia II	+	+	+	+	-	-
Phosphate	+	+	+	+	-	-
Nitrite	+	+	+	+	-	-
Mean Salinity	+	+	+	+	-	-
SD Salinity	-	-	-	-	+	+
Nitrate II	+	+	+	+	-	-
BOD IV	-	-	-	-	+	+
Mean Temp. V	-	-	-	-	+	+
SD Temp.	-	-	-	-	+	+

Report to the U.S. Army Corps of Engineers. 1975. *Allan Hancock Foundation*

TWO-WAY TABLE FROM THE CLASSIFICATION OF THE SURFACE ABIOTIC DATA

Table 2

No symbol indicates + 0.5 standard deviations from mean,  
 + or - indicates 0.5 to 1.5 standard deviations from mean  
 and \* or = indicates greater than 1.5 standard deviations from mean.

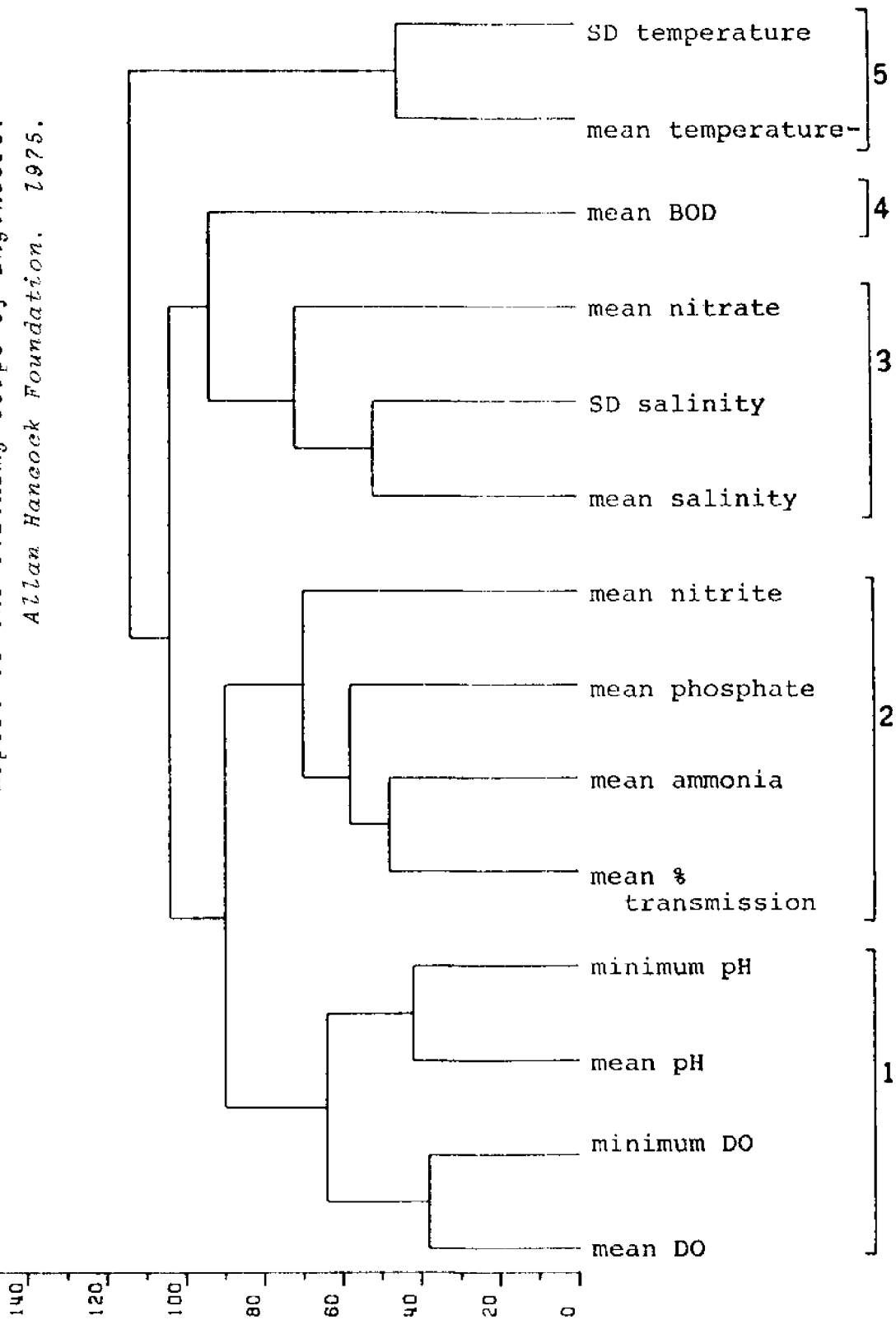


CLASSIFICATION OF STATIONS  
BASED ON THE SURFACE ABIOTIC PARAMETERS

Table 3

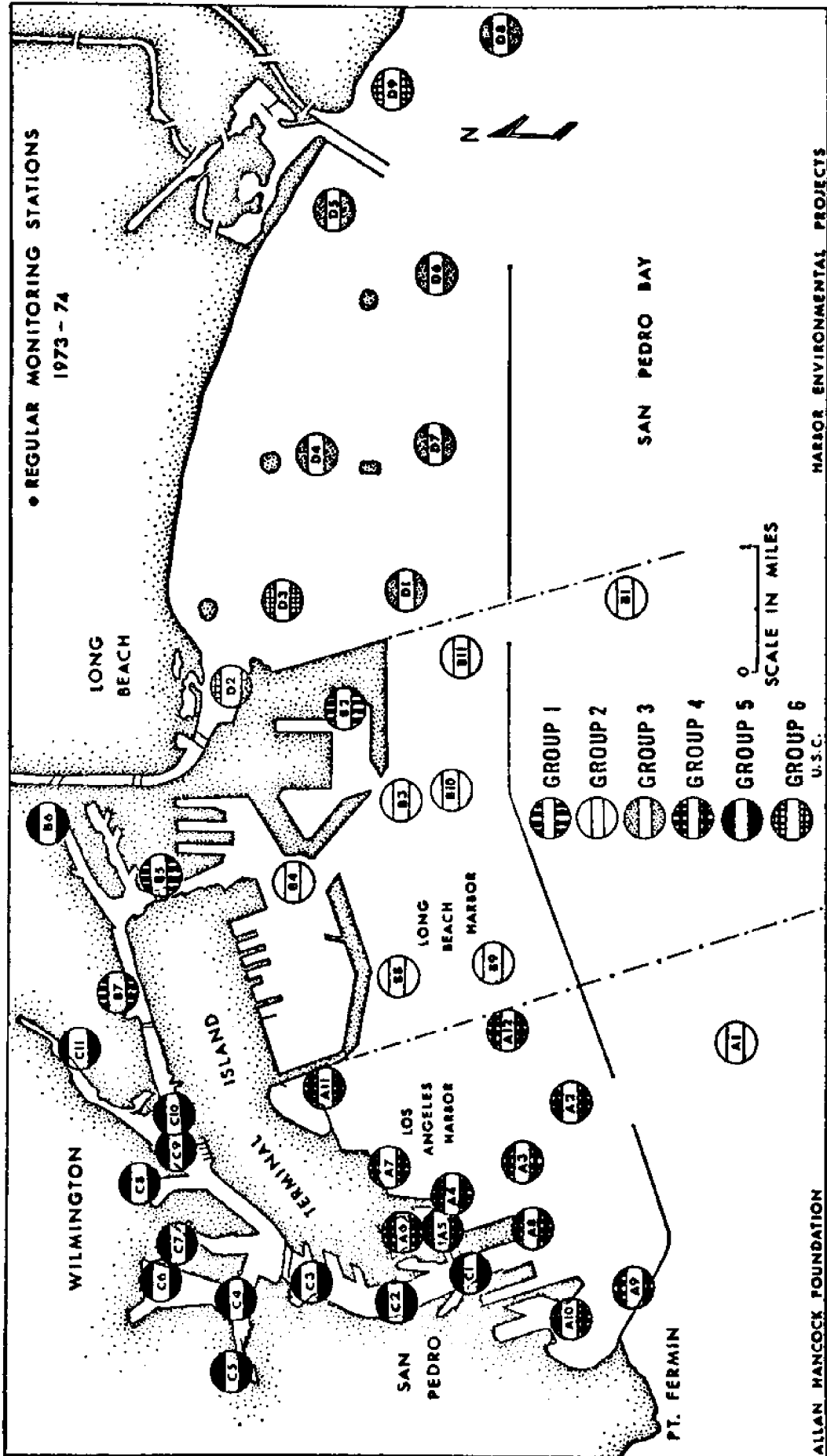
Report to the U.S. Army Corps of Engineers.  
Allan Hancock Foundation, 1975.

SUMMARY MATRIX



CLASSIFICATION OF THE  
SURFACE ABIOTIC VARIABLES

Table 4



STATION GROUPS CLASSIFIED ON THE BASIS OF ABIOTIC SURFACE DATA

Figure 2



Analysis of bottom data was heavily weighted for variables related to the depositional environment, in contrast to the surface data discussion above. These variables included available sources of fine sediment, weak currents suitable for accumulation, sources of pollutants such as organics, heavy metals and pesticides.

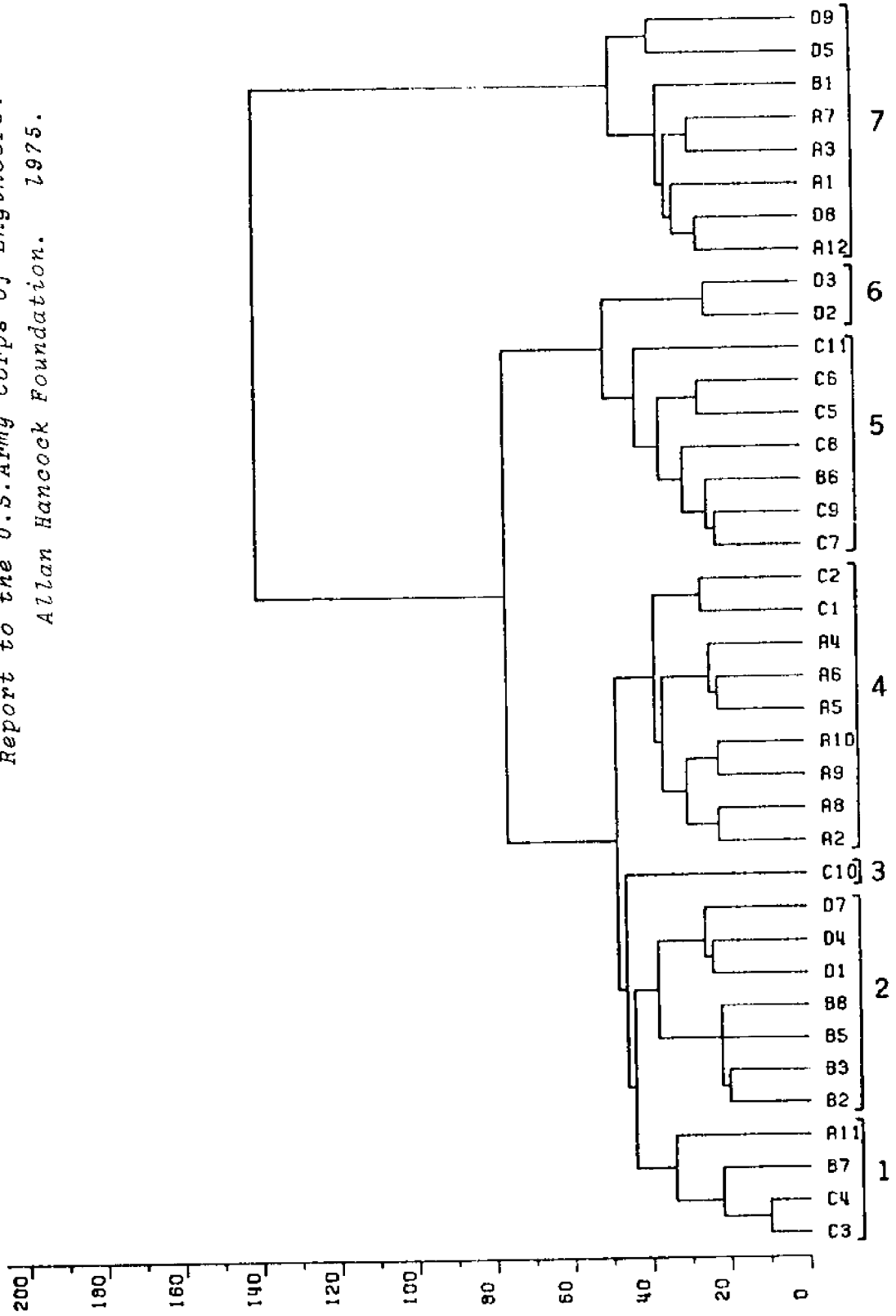
The two-way tables (Table 5) shows the influence of these variables in Group V, which includes stations in dead-end slips, and Group VI stations, near the Los Angeles River mouth. Group I and II stations are in areas of relatively strong currents and relatively clean coarser sediments. Group IV stations include those in the outer Los Angeles Harbor, Fish Harbor and the Los Angeles Main Channel (see Figure 3). Table 6 shows the groups by station while Table 7 shows the groupings of the variables considered in the classification.

ABIOTIC DATA	STATION GROUPS						
	I	II	III	IV	V	VI	VII
IOD	-	+	-	+	+	+	-
COD	-	-	+	+	+	+	-
Zn	-	-	+	+	+	+	-
Cd	-	-	+	+	+	+	-
Pb	-	-	+	+	+	+	-
Sulfide	-	+	-	-	+	+	-
Oil & Grease	-	+	-	+	+	+	-
Org. N	-	+	-	+	+	+	-
Ni	-	+	+	+	+	+	-
Cr	-	-	+	+	+	+	-
Total DDT	-	-	+	+	+	+	-
Total PCB	-	-	+	+	+	+	-
Org. C	-	-	+	+	+	+	-
Cu	-	-	+	+	+	+	-
Hg	+	-	+	+	+	+	-
As	-	+	+	+	+	+	-
Mean Oxygen	+	+	+	+	-	+	+
Oxygen Min.	+	+	+	+	-	+	+
Mean Sed. Size ( $\phi$ )	-	+	+	+	+	+	-
Mean pH	+	+	+	+	+	+	+
pH Min.	-	+	+	+	+	+	+
Mean % Trans.	-	+	+	+	-	+	+
Mean Temp.	+	-	-	+	+	-	+
Fe	-	+	+	-	+	+	-
Mean Sal.	+	+	-	-	+	+	-
Phosphorus	-	-	+	+	+	-	+
SD Salinity	+	-	+	+	+	+	+
SD Temp.	-	-	+	+	-	+	+

Report to the U.S. Army Corps of Engineers, 1975. Allan Hancock Foundation  
 TWO-WAY TABLE FROM THE CLASSIFICATION  
 OF THE BENTHIC ABIOTIC DATA

Table 5

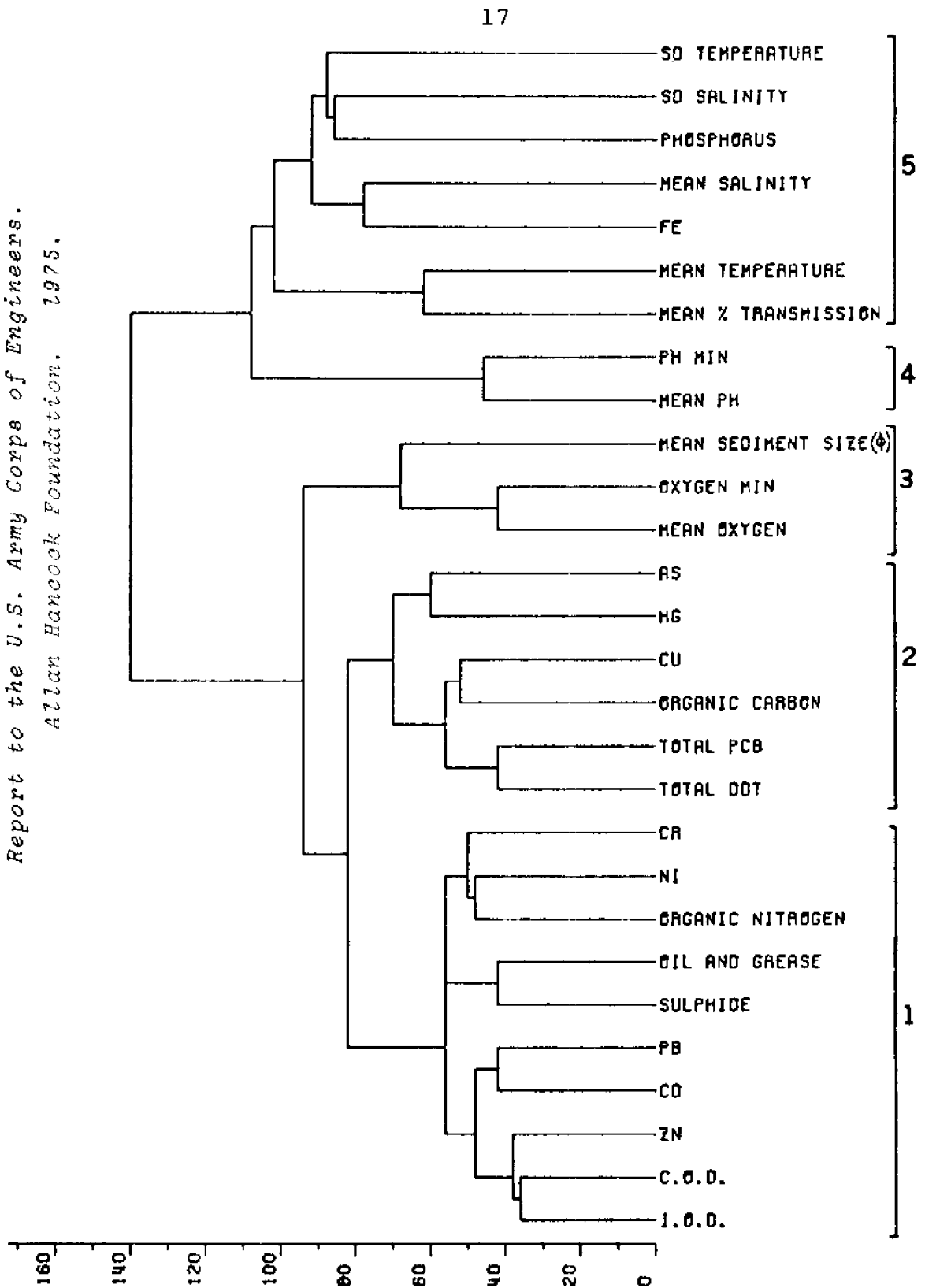
*Report to the U.S. Army Corps of Engineers.  
Allan Hancock Foundation. 1975.*

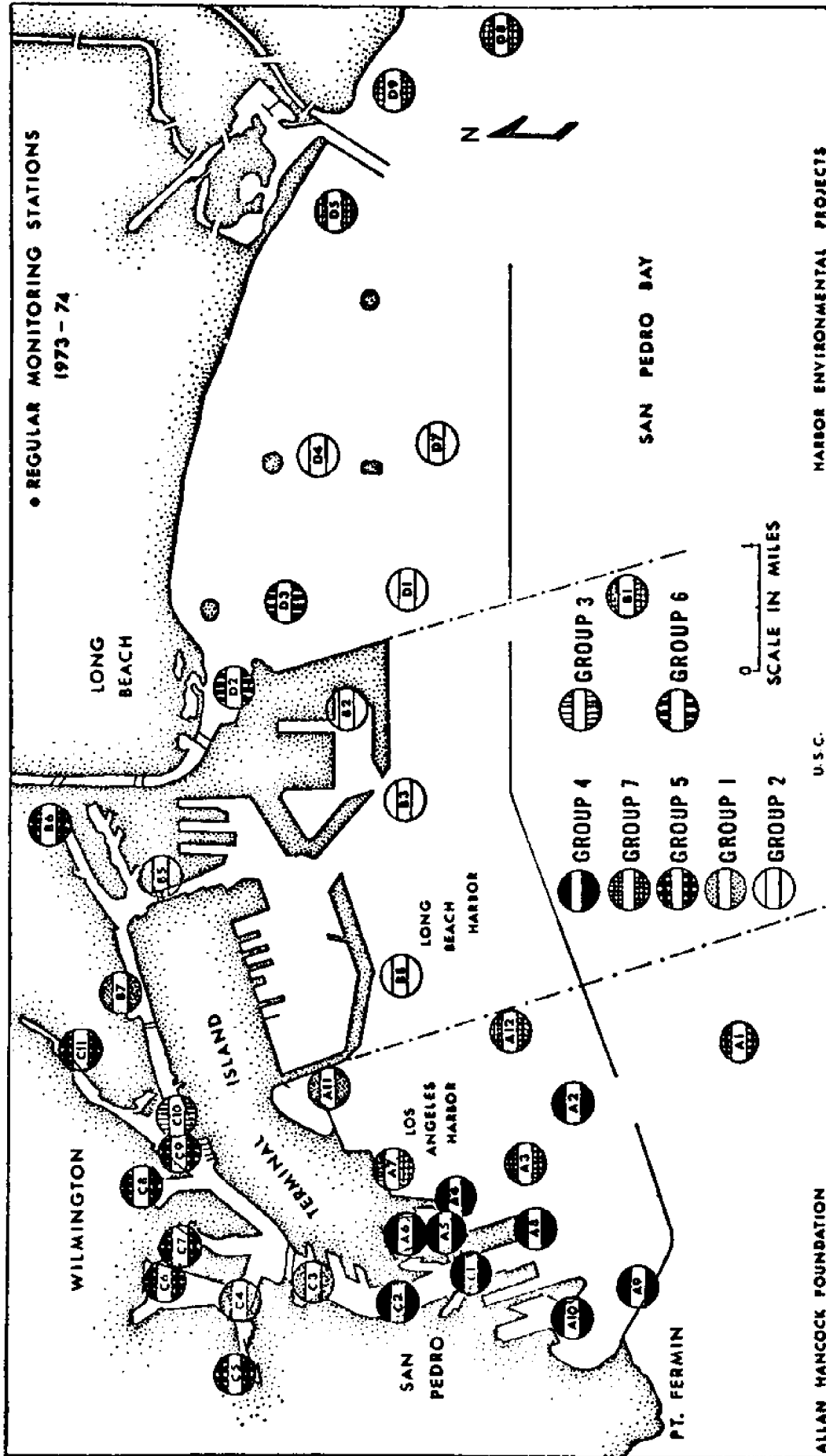


CLASSIFICATION OF STATIONS  
BASED ON THE BENTHIC ABIOTIC DATA

Table 6

Report to the U.S. Army Corps of Engineers.  
Allan Hancock Foundation. 1975.





STATION GROUPS CLASSIFIED ON THE BASIS OF ABIOTIC BENTHIC DATA

Figure 3  
Report to the U.S. Army Corps of Engineers. 1975.

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## PHYSICAL DATA PLOTS AND TABLES

The plots generated from the data tables maintained in computer files by Harbor Environmental Projects at the University Computer Center, using the IBM 370/158.

Minima and maxima are indicated by small squares and are plotted by connecting monthly readings with dotted lines. Each monthly sector of the chart has an interval depth scale in meters at the bottom, and solid line plots within the sectors show how the parameters vary with depth. The squares for minima and maxima may occur at points other than the top or bottom of the solid lines, indicating the variations in patterns.

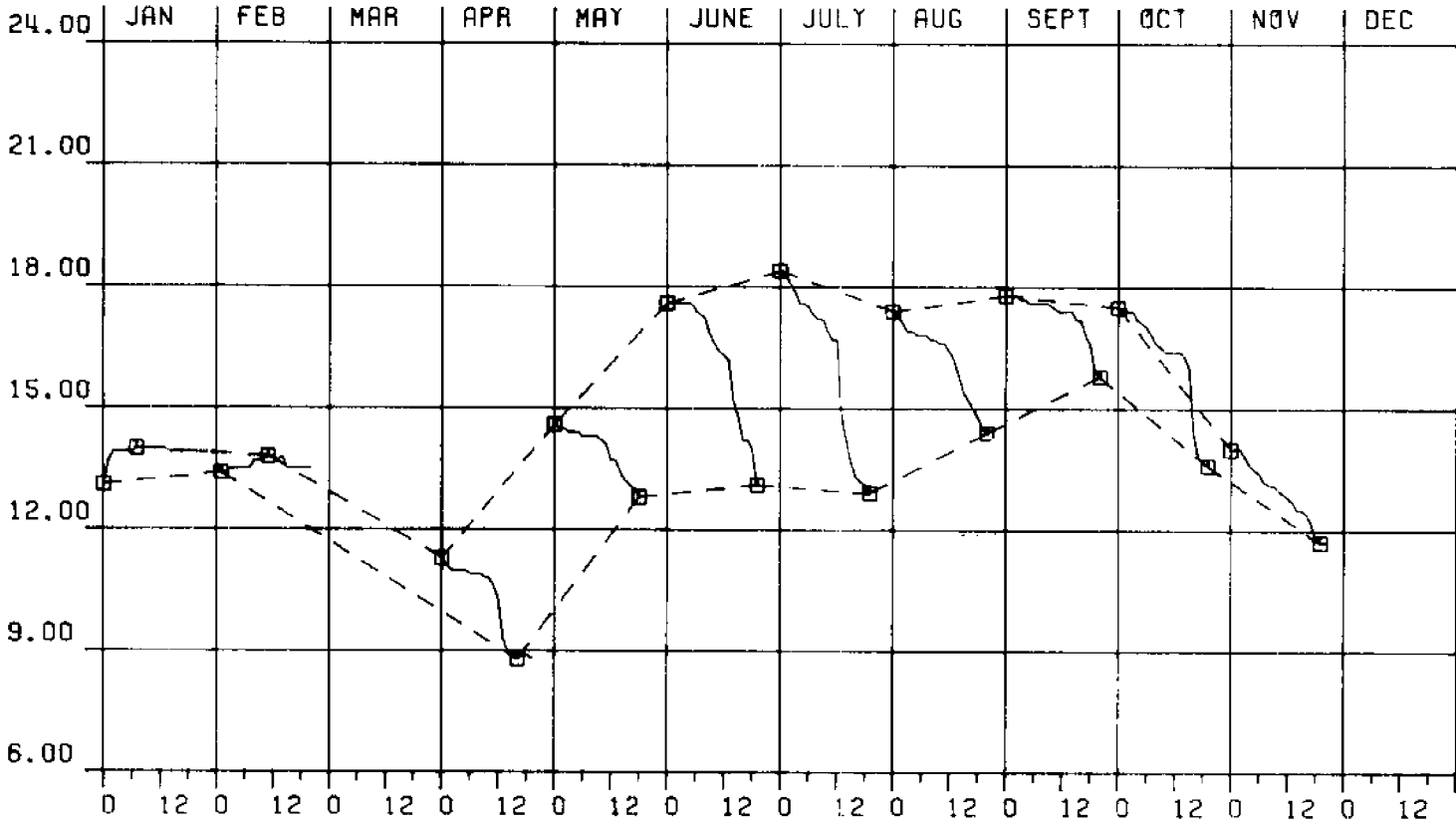


B1 LONG BEACH SEA BUOY "LB"

DATE: 1973

EACH SUBGRAPH BY MONTH

DATA: DEPTH METERS VS. TEMPERATURE CELSIUS

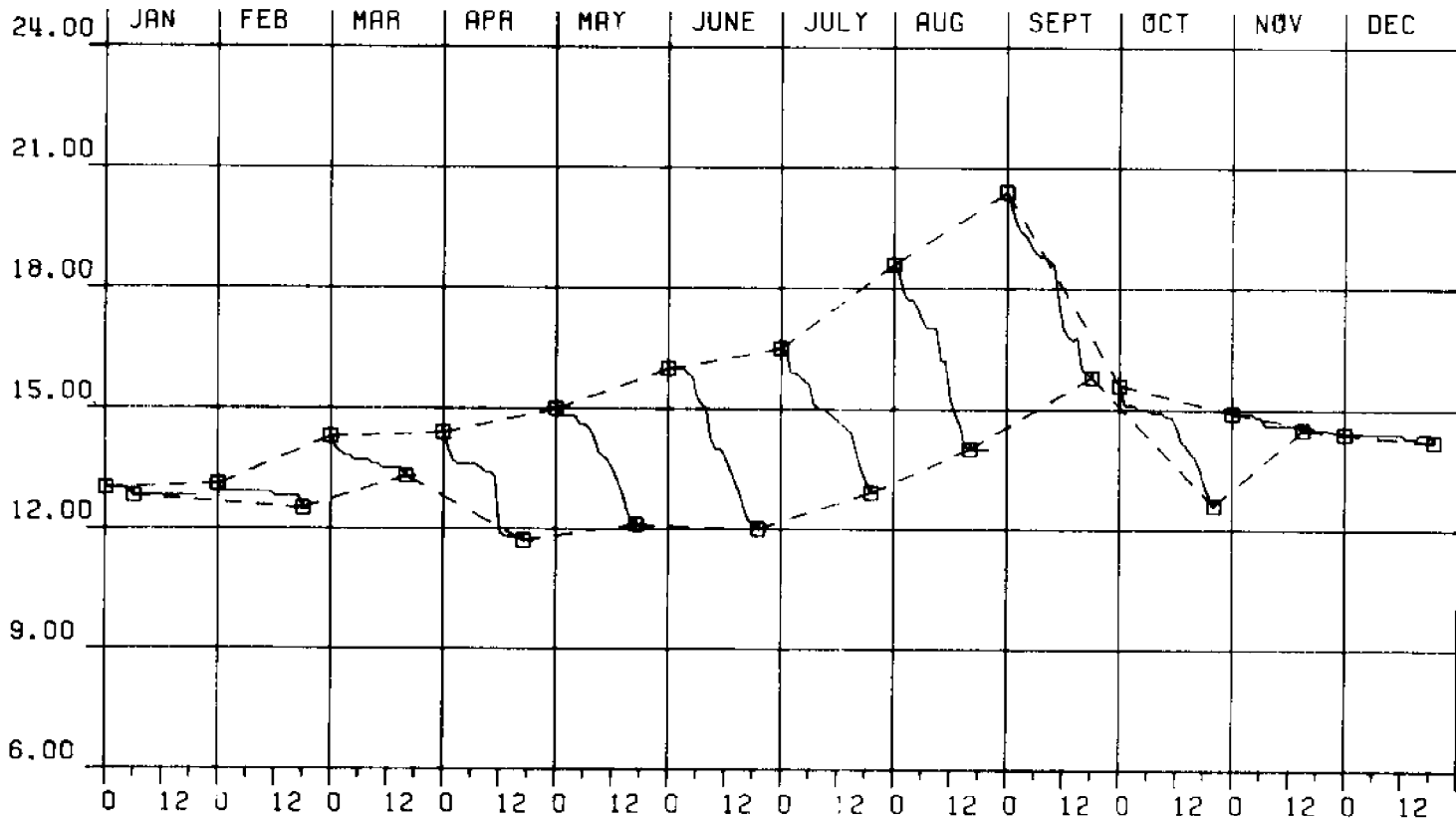


B1 LONG BEACH SEA BUOY "LB"

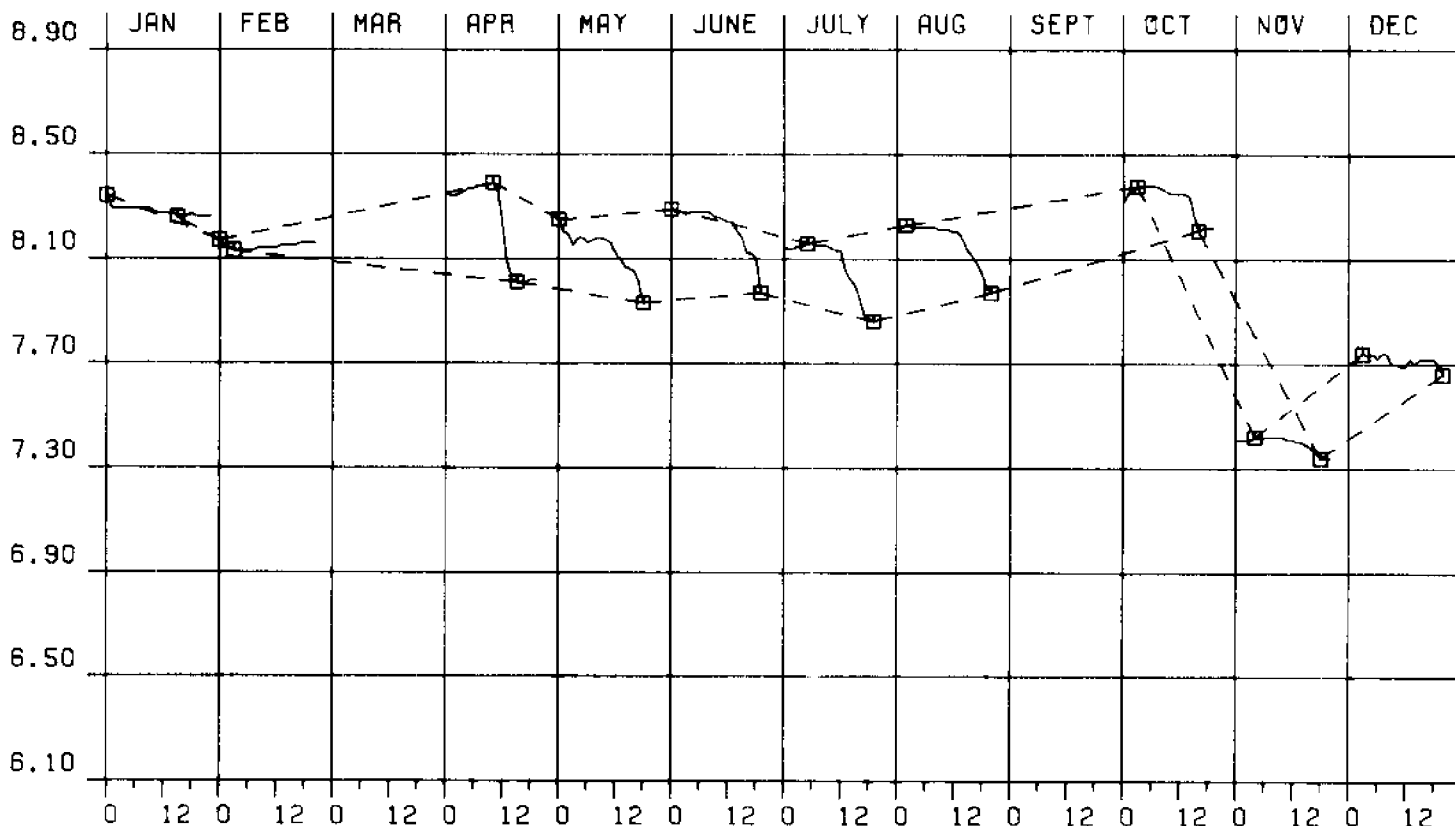
DATE: 1974

EACH SUBGRAPH BY MONTH

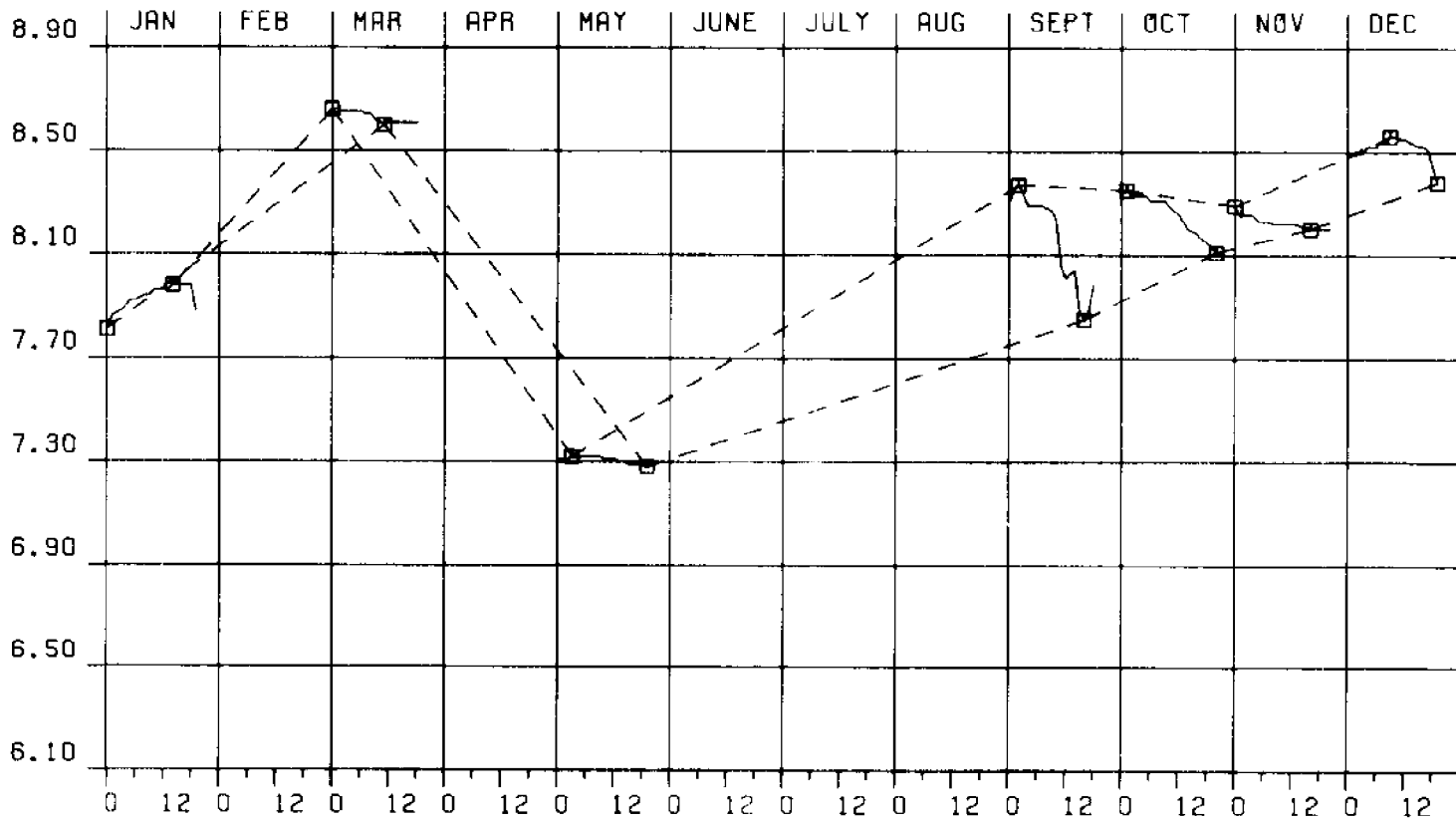
DATA: DEPTH METERS VS. TEMPERATURE CELSIUS



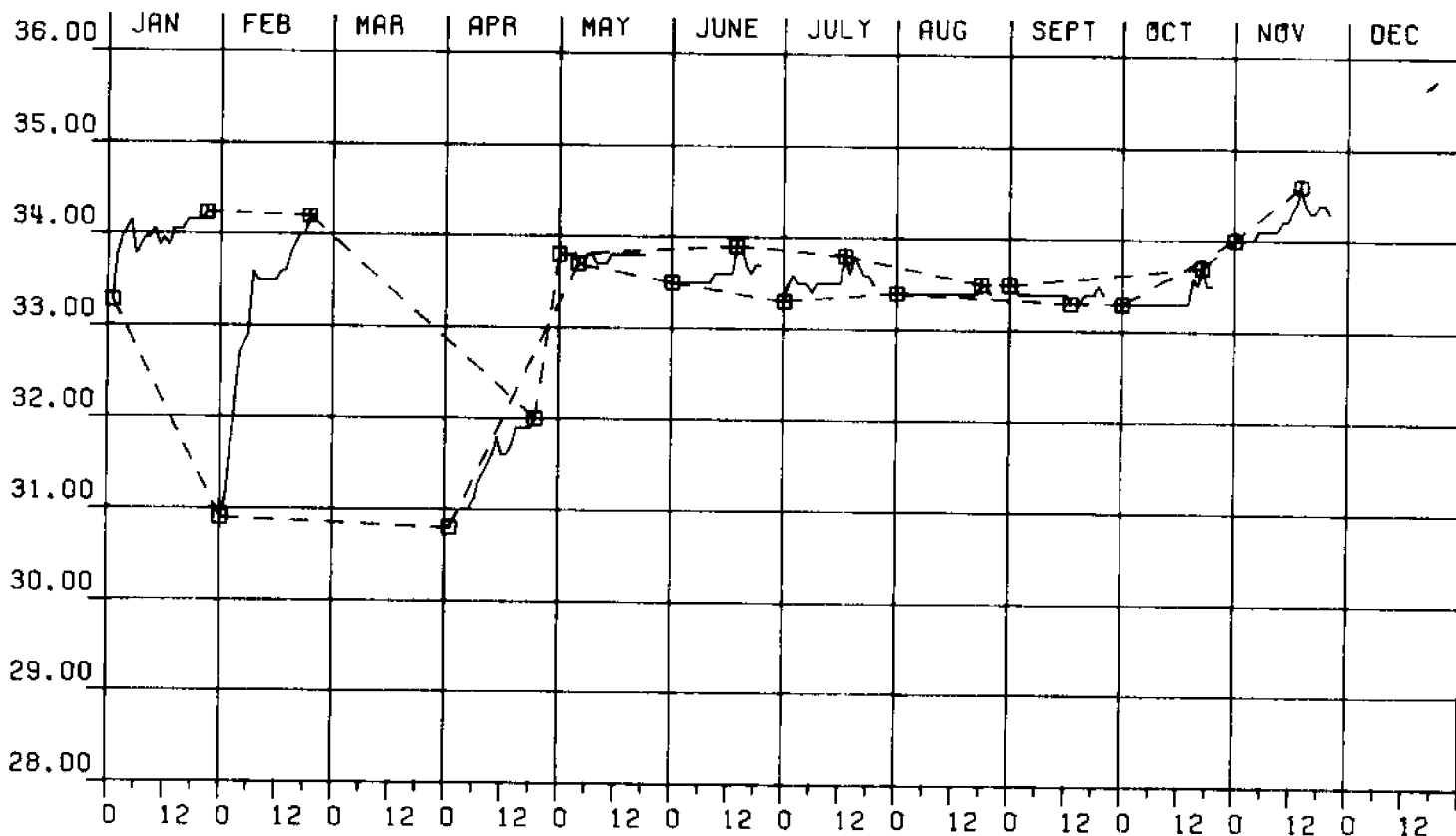
B1 LONG BEACH SEA BUOY "LB"  
 DATE: 1973  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. PH H ION CONC



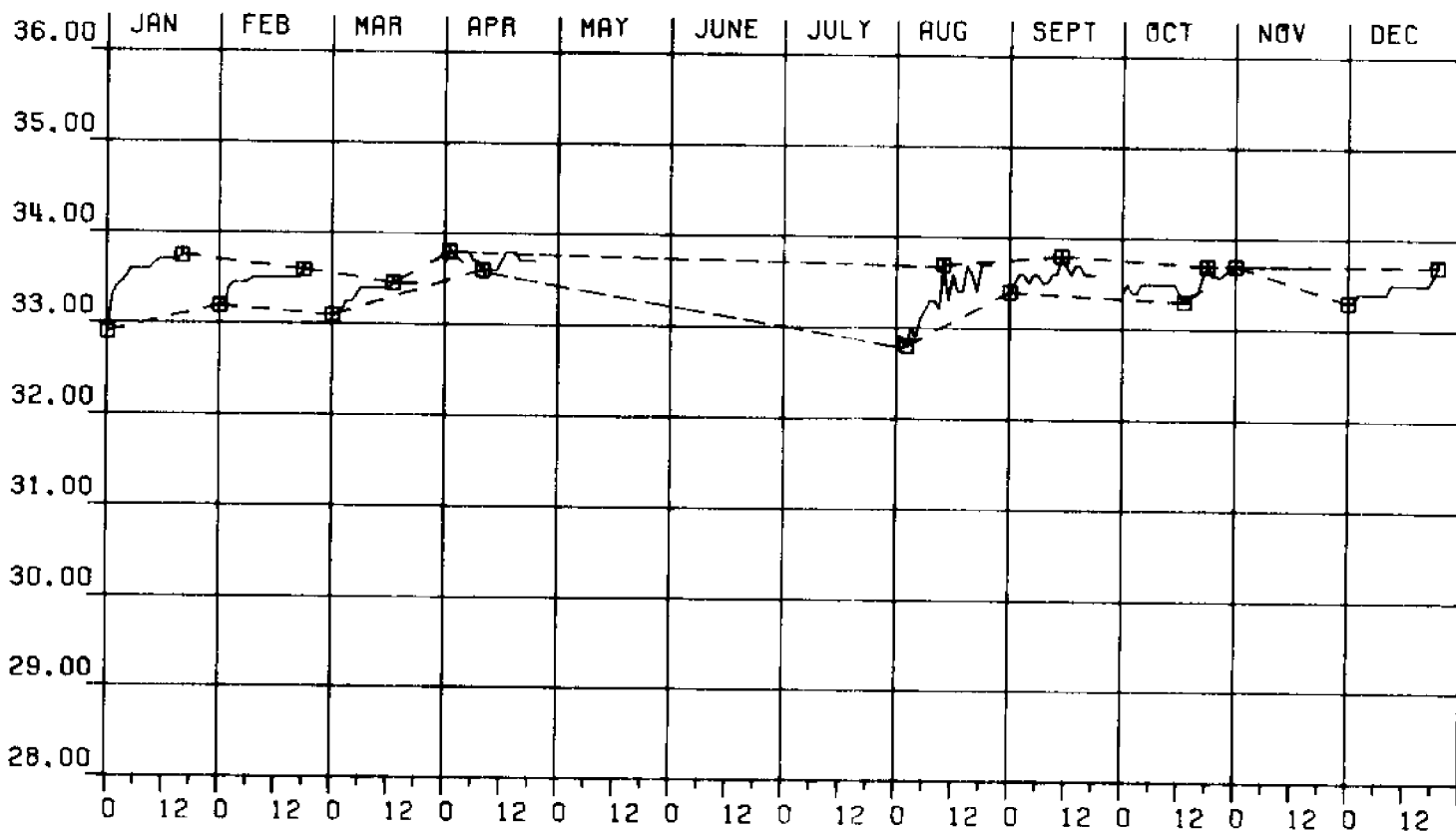
B1 LONG BEACH SEA BUOY "LB"  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. PH H ION CONC



B1 LONG BEACH SEA BUOY "LB"  
 DATE: 1973  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. SALINITY PPT



B1 LONG BEACH SEA BUOY "LB"  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. SALINITY PPT





DATE: JANUARY 1973

STATION: B1 LONG BEACH SEA BUOY "LB"

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O.2 PPM	PH	TURBIDITY %
00	0.0	13.10	55.58	34.00	9.80	8.34	-1.00
01	3.28	13.70	56.66	33.28	9.70	8.29	-1.00
02	6.56	13.90	57.02	33.77	9.30	8.29	-1.00
03	9.84	13.90	57.02	33.96	9.40	8.29	-1.00
04	13.12	13.90	57.02	34.05	9.50	8.29	-1.00
05	16.40	13.90	57.02	34.15	9.70	8.29	-1.00
06	19.68	13.90	57.02	33.77	9.30	8.29	-1.00
07	22.96	14.00	57.20	33.87	9.60	8.29	-1.00
08	26.24	14.00	57.20	33.96	9.60	8.29	-1.00
09	29.52	14.00	57.20	33.96	9.40	8.29	-1.00
10	32.80	14.00	57.20	34.06	9.20	8.28	-1.00
11	36.08	14.00	57.20	33.87	9.10	8.27	-1.00
12	39.36	14.00	57.20	33.96	8.80	8.27	-1.00
13	42.64	14.00	57.20	33.87	9.10	8.27	-1.00
14	45.92	13.90	57.02	34.05	8.70	8.27	-1.00
15	49.20	13.90	57.02	34.05	8.80	8.26	-1.00
16	52.48	13.90	57.02	34.05	8.30	8.26	-1.00
17	55.76	13.90	57.02	34.15	8.40	8.26	-1.00
18	59.04	13.90	57.02	34.15	8.60	8.27	-1.00
19	62.32	13.90	57.02	34.15	8.20	8.26	-1.00
20	65.60	13.90	57.02	34.15	8.40	8.26	-1.00
21	68.88	13.90	57.02	34.24	8.40	8.26	-1.00
22	72.16	13.90	57.02	34.24	8.60	8.26	-1.00

DATE: MARCH 1973

STATION: B1 LONG BEACH SEA BUOY "LB"

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O.2 PPM	PH	TURBIDITY %
00	0.0	12.00	53.60	32.30	8.80	8.19	-1.00
01	3.28	12.00	53.60	32.50	8.90	8.19	-1.00
02	6.56	12.00	53.60	32.50	8.70	8.17	-1.00
03	9.84	11.90	53.42	32.60	8.60	8.17	-1.00
04	13.12	11.80	53.24	32.50	8.30	8.14	-1.00
05	16.40	11.60	52.88	32.80	8.20	8.14	-1.00
06	19.68	11.60	52.88	32.80	8.10	8.14	-1.00
07	22.96	11.50	52.70	32.90	8.00	8.13	-1.00
08	26.24	11.50	52.70	33.00	8.00	8.12	-1.00
09	29.52	11.50	52.70	33.00	7.90	8.12	-1.00
10	32.80	11.30	52.34	33.10	7.80	8.12	-1.00
11	36.08	11.10	51.98	33.40	7.80	8.11	-1.00
12	39.36	11.00	51.80	33.40	7.80	8.10	-1.00
13	42.64	11.00	51.80	33.30	7.70	8.10	-1.00
14	45.92	11.00	51.80	33.30	7.70	8.10	-1.00
15	49.20	11.00	51.80	33.30	7.70	8.09	-1.00
16	52.48	11.00	51.80	33.30	7.60	8.09	-1.00
17	55.76	11.00	51.80	33.30	7.60	8.09	-1.00
18	59.04	11.00	51.80	33.30	7.60	8.09	-1.00
19	62.32	11.00	51.80	33.30	7.60	8.10	-1.00

DATE: FEBRUARY 1973

STATION: B1 LONG BEACH SEA BUOY "LB"

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O.2 PPM	PH	TURBIDITY %
00	0.0	13.50	56.30	30.90	10.00	8.17	-1.00
01	3.28	13.40	56.12	31.19	9.90	8.14	-1.00
02	6.56	13.40	56.12	31.00	9.80	8.14	-1.00
03	9.84	13.50	56.30	32.20	9.70	8.13	-1.00
04	13.12	13.50	56.30	32.70	9.50	8.13	-1.00
05	16.40	13.50	56.30	32.80	9.40	8.13	-1.00
06	19.68	13.50	56.30	32.90	9.40	8.13	-1.00
07	22.96	13.50	56.30	33.60	9.20	8.13	-1.00
08	26.24	13.70	56.66	33.50	9.20	8.14	-1.00
09	29.52	13.70	56.66	33.50	9.20	8.14	-1.00
10	32.80	13.70	56.66	33.50	9.50	8.14	-1.00
11	36.08	13.80	56.84	33.50	9.10	8.14	-1.00
12	39.36	13.80	56.84	33.50	9.10	8.14	-1.00
13	42.64	13.70	56.66	33.60	9.10	8.15	-1.00
14	45.92	13.80	56.84	33.60	9.10	8.15	-1.00
15	49.20	13.50	56.30	33.80	9.60	8.15	-1.00
16	52.48	13.50	56.30	33.90	9.00	8.15	-1.00
17	55.76	13.50	56.30	34.00	9.00	8.16	-1.00
18	59.04	13.50	56.30	34.00	9.00	8.16	-1.00
19	62.32	13.50	56.30	34.20	9.00	8.16	-1.00
20	65.60	13.50	56.30	34.20	9.00	8.16	-1.00

DATE: APRIL 1973

STATION: B1 LONG BEACH SEA BUOY "LB"

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O.2 PPM	PH	TURBIDITY %
00	0.0	11.30	52.34	31.00	11.30	8.35	99.00
01	3.28	11.10	51.98	30.80	11.00	8.34	99.99
02	6.56	11.00	51.80	30.90	11.00	8.34	98.00
03	9.84	11.00	51.80	31.00	10.90	8.35	94.00
04	13.12	11.00	51.80	31.00	11.00	8.36	94.00
05	16.40	11.00	51.80	31.00	11.50	8.37	94.00
06	19.68	10.90	51.62	31.10	11.20	8.37	94.00
07	22.96	10.90	51.62	31.30	11.20	8.38	94.00
08	26.24	10.90	51.62	31.40	11.40	8.38	94.00
09	29.52	10.80	51.44	31.50	11.20	8.38	94.00
10	32.80	10.80	51.44	31.60	11.50	8.39	94.00
11	36.08	10.60	51.08	31.80	10.70	8.36	94.00
12	39.36	10.30	50.54	31.80	8.60	8.24	94.00
13	42.64	9.30	48.74	31.60	6.10	8.09	91.00
14	45.92	9.00	48.20	31.70	4.90	8.02	94.00
15	49.20	8.90	48.02	31.90	4.00	8.01	91.00
16	52.48	8.80	47.84	31.90	4.50	8.01	91.00
17	55.76	8.90	48.02	31.90	4.50	8.01	88.00
18	59.04	8.90	48.02	31.90	4.70	8.02	-1.00
19	62.32	8.80	47.84	32.00	4.60	8.02	-1.00

MISSING DATA VALUE IS -1.0

MISSING DATA VALUE IS -1.0

DATE: MAY 1973  
STATION: R1 LONG BEACH SEA BUOY "LB"

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY P/1000	D.O2 PPM	PH	TURBIDITY %
		C	F				
00	0.0	14.60	58.28	33.80	11.00	8.25	98.00
01	3.28	14.50	58.10	33.80	10.30	8.20	99.99
02	6.56	14.50	58.10	33.80	10.10	8.19	99.99
03	9.84	14.40	57.92	33.80	9.70	8.15	96.00
04	13.12	14.40	57.92	33.70	9.80	8.18	99.99
05	16.40	14.40	57.92	33.70	9.90	8.18	99.99
06	19.68	14.30	57.74	33.80	9.70	8.16	99.99
07	22.96	14.30	57.74	33.80	9.60	8.17	-1.00
08	26.24	14.30	57.74	33.70	9.60	8.16	-1.00
09	29.52	14.30	57.74	33.70	9.60	8.18	-1.00
10	32.80	14.20	57.56	33.70	9.50	8.17	-1.00
11	36.08	14.10	57.38	33.80	9.20	8.16	-1.00
12	39.36	13.70	56.66	33.80	8.50	8.12	-1.00
13	42.64	13.70	56.66	33.80	8.30	8.10	-1.00
14	45.92	13.40	56.12	33.80	7.70	8.07	-1.00
15	49.20	13.20	55.76	33.80	7.60	8.06	-1.00
16	52.48	13.10	55.58	33.80	7.30	8.05	-1.00
17	55.76	13.00	55.40	33.80	6.70	8.01	-1.00
18	59.04	12.80	55.04	33.80	5.40	7.93	-1.00

DATE: JUNE 1973  
STATION: R1 LONG BEACH SEA BUOY "LB"

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY P/1000	D.O2 PPM	PH	TURBIDITY %
		C	F				
00	0.0	17.60	63.68	33.50	8.70	8.29	81.50
01	3.28	17.60	63.68	33.50	8.60	8.28	83.00
02	6.56	17.60	63.68	33.50	8.90	8.28	82.50
03	9.84	17.60	63.68	33.50	8.60	8.27	83.00
04	13.12	17.60	63.68	33.50	8.60	8.28	83.00
05	16.40	17.60	63.68	33.50	8.60	8.28	83.00
06	19.68	17.40	63.32	33.50	8.60	8.28	83.00
07	22.96	17.30	63.14	33.50	8.90	8.28	83.00
08	26.24	17.20	62.96	33.50	8.80	8.28	83.00
09	29.52	16.80	62.24	33.80	8.80	8.26	83.50
10	32.80	16.60	61.88	33.80	8.80	8.26	83.50
11	36.08	16.40	61.52	33.60	8.80	8.25	83.00
12	39.36	16.30	61.34	33.60	8.80	8.24	83.00
13	42.64	16.20	61.16	33.80	8.90	8.24	83.00
14	45.92	15.20	59.36	33.90	8.50	8.20	84.00
15	49.20	14.80	58.64	33.90	8.20	8.18	84.00
16	52.48	14.20	57.56	33.70	8.00	8.12	84.00
17	55.76	14.20	57.56	33.60	7.60	8.12	85.00
18	59.04	14.00	57.20	33.70	6.40	8.10	86.50
19	62.32	13.10	55.58	33.70	5.50	7.97	86.00

MISSING DATA VALUE IS -1.00

DATE: JULY 1973  
STATION: R1 LONG BEACH SEA BUOY "LB"

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY P/1000	D.O2 PPM	PH	TURBIDITY %
		C	F				
00	0.0	18.40	65.12	33.30	8.50	8.14	-1.00
01	3.28	18.30	64.94	33.50	8.20	8.14	-1.00
02	6.56	18.10	64.58	33.60	8.20	8.14	-1.00
03	9.84	17.90	64.22	33.50	8.20	8.15	-1.00
04	13.12	17.60	63.68	33.50	8.30	8.15	-1.00
05	16.40	17.60	63.68	33.50	8.30	8.16	-1.00
06	19.68	17.50	63.50	33.40	8.30	8.16	-1.00
07	22.96	17.30	63.14	33.50	8.20	8.15	-1.00
08	26.24	17.20	62.96	33.50	8.30	8.15	-1.00
09	29.52	17.20	62.96	33.50	8.20	8.15	-1.00
10	32.80	16.90	62.42	33.50	8.10	8.14	-1.00
11	36.08	16.70	62.06	33.50	8.10	8.13	-1.00
12	39.36	16.70	62.06	33.50	7.80	8.13	-1.00
13	42.64	16.80	62.64	33.80	7.30	8.05	-1.00
14	45.92	16.20	57.56	33.60	6.90	8.02	-1.00
15	49.20	13.70	56.66	33.80	6.60	8.00	-1.00
16	52.48	13.30	55.94	33.70	7.40	7.95	-1.00
17	55.76	13.20	55.76	33.60	6.60	7.88	-1.00
18	59.04	13.10	55.58	33.60	6.40	7.87	-1.00

DATE: AUGUST 1973  
STATION: R1 LONG BEACH SEA BUOY "LB"

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY P/1000	D.O2 PPM	PH	TURBIDITY %
		C	F				
00	0.0	17.40	63.32	33.40	8.40	8.22	-1.00
01	3.28	17.30	63.14	33.40	8.70	8.22	-1.00
02	6.56	17.10	62.78	33.40	8.60	8.23	-1.00
03	9.84	16.90	62.42	33.40	8.30	8.22	-1.00
04	13.12	16.90	62.42	33.40	8.50	8.22	-1.00
05	16.40	16.80	62.24	33.40	8.20	8.22	-1.00
06	19.68	16.80	62.24	33.40	8.40	8.22	-1.00
07	22.96	16.80	62.24	33.40	8.60	8.22	-1.00
08	26.24	16.70	62.06	33.40	8.20	8.22	-1.00
09	29.52	16.70	62.06	33.40	8.10	8.21	-1.00
10	32.80	16.60	61.88	33.40	8.10	8.21	-1.00
11	36.08	16.60	61.88	33.40	8.10	8.21	-1.00
12	39.36	16.40	61.52	33.40	8.10	8.20	-1.00
13	42.64	16.20	61.16	33.40	8.00	8.20	-1.00
14	45.92	15.80	60.44	33.40	7.80	8.17	-1.00
15	49.20	15.40	59.72	33.40	7.40	8.13	-1.00
16	52.48	15.20	59.36	33.40	7.10	8.11	-1.00
17	55.76	15.00	59.00	33.40	6.80	8.08	-1.00
18	59.04	14.80	58.64	33.50	6.40	8.04	-1.00
19	62.32	14.50	58.10	33.50	5.80	7.99	-1.00
20	65.60	14.40	57.92	33.40	5.50	7.97	-1.00

MISSING DATA VALUE IS -1.00

DATE: SEPTEMBER 1973

STATION: H1 LONG BEACH SEA BUOY "L8"

DATE: NOVEMBER 1973

STATION: H1 LONG BEACH SEA BUOY "L8"

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O2 PPM	PH	TURBIDITY %
00	0.0	17.80	64.04	33.50	8.40	-1.00	94.00
01	3.28	17.80	64.04	33.50	8.20	-1.00	94.50
02	6.56	17.80	64.04	33.40	8.50	-1.00	94.50
03	9.84	17.70	63.86	33.40	8.40	-1.00	94.00
04	13.12	17.70	63.86	33.40	8.40	-1.00	94.50
05	16.40	17.60	63.68	33.40	8.50	-1.00	94.00
06	19.68	17.60	63.68	33.40	8.70	-1.00	94.00
07	22.96	17.60	63.68	33.40	8.70	-1.00	94.00
08	26.24	17.60	63.68	33.40	8.70	-1.00	94.00
09	29.52	17.60	63.68	33.40	8.80	-1.00	94.00
10	32.80	17.50	63.50	33.40	8.70	-1.00	93.50
11	36.08	17.40	63.32	33.40	9.00	-1.00	93.00
12	39.36	17.40	63.32	33.40	8.90	-1.00	92.00
13	42.64	17.40	63.32	33.30	9.10	-1.00	92.00
14	45.92	17.40	63.32	33.30	8.80	-1.00	91.00
15	49.20	17.20	62.96	33.30	9.00	-1.00	91.00
16	52.48	17.20	62.96	33.40	8.90	-1.00	91.50
17	55.76	16.80	62.24	33.40	8.80	-1.00	92.00
18	59.04	16.60	61.88	33.40	9.10	-1.00	92.00
19	62.32	15.90	60.62	33.50	8.20	-1.00	92.00
20	65.60	15.80	60.44	33.40	8.20	-1.00	82.00

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O2 PPM	PH	TURBIDITY %
00	0.0	14.00	57.20	34.00	7.20	7.41	86.50
01	3.28	14.00	57.20	34.00	7.00	7.41	89.50
02	6.56	14.00	57.20	34.00	7.00	7.41	90.00
03	9.84	13.80	56.84	34.00	7.00	7.41	91.00
04	13.12	13.50	56.30	34.00	7.10	7.42	92.00
05	16.40	13.50	56.30	34.10	7.10	7.42	92.00
06	19.68	13.40	56.12	34.10	7.00	7.42	93.00
07	22.96	13.20	55.76	34.10	7.00	7.42	93.00
08	26.24	13.10	55.58	34.10	7.00	7.42	93.00
09	29.52	13.10	55.58	34.10	7.10	7.42	93.50
10	32.80	13.00	55.40	34.20	7.10	7.42	94.00
11	36.08	12.90	55.22	34.20	7.00	7.41	94.00
12	39.36	12.80	55.04	34.30	6.90	7.41	95.00
13	42.64	12.70	54.86	34.40	6.80	7.40	95.00
14	45.92	12.50	54.50	34.60	6.80	7.40	95.00
15	49.20	12.50	54.50	34.40	6.60	7.39	94.50
16	52.48	12.40	54.32	34.30	6.60	7.38	94.50
17	55.76	12.20	53.96	34.30	6.30	7.36	94.00
18	59.04	11.60	53.24	34.40	6.10	7.34	92.00
19	62.32	11.70	53.06	34.40	6.00	7.34	90.00
20	65.60	11.70	53.06	34.30	6.00	7.34	87.00

DATE: OCTOBER 1973

STATION: H1 LONG BEACH SEA BUOY "L8"

DATE: DECEMBER, 1973

STATION: H1 LONG BEACH SEA BUOY "L8"

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O2 PPM	PH	TURBIDITY %
00	0.0	17.50	63.50	33.30	8.80	8.32	90.00
01	3.28	17.50	63.50	33.30	8.80	8.35	91.00
02	6.56	17.40	63.32	33.30	8.70	8.36	92.00
03	9.84	17.40	63.32	33.30	8.50	8.38	92.00
04	13.12	17.20	62.96	33.30	8.80	8.38	92.00
05	16.40	17.10	62.78	33.30	8.80	8.38	92.00
06	19.68	17.00	62.60	33.30	8.80	8.38	92.00
07	22.96	16.80	62.24	33.30	8.70	8.38	92.00
08	26.24	16.60	61.88	33.30	8.70	8.37	92.00
09	29.52	16.50	61.70	33.30	8.60	8.36	92.00
10	32.80	16.40	61.52	33.30	8.50	8.35	91.00
11	36.08	16.40	61.52	33.30	8.30	8.35	90.00
12	39.36	16.40	61.52	33.30	8.50	8.35	90.00
13	42.64	16.40	61.52	33.30	8.30	8.35	91.00
14	45.92	16.30	61.34	33.30	8.20	8.34	91.00
15	49.20	16.00	60.80	33.60	7.80	8.27	91.50
16	52.48	14.40	57.92	33.50	7.40	8.21	91.50
17	55.76	13.60	56.48	33.70	7.70	8.22	91.50
18	59.04	13.70	56.66	33.50	7.70	8.22	92.00
19	62.32	13.60	56.48	33.50	7.60	8.22	90.50

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O2 PPM	PH	TURBIDITY %
00	0.0	-1.00	-1.00	-1.00	7.70	7.70	84.50
01	3.28	-1.00	-1.00	-1.00	7.80	7.70	85.00
02	6.56	-1.00	-1.00	-1.00	7.60	7.73	85.00
03	9.84	-1.00	-1.00	-1.00	8.00	7.74	85.00
04	13.12	-1.00	-1.00	-1.00	7.50	7.73	85.50
05	16.40	-1.00	-1.00	-1.00	7.40	7.74	86.00
06	19.68	-1.00	-1.00	-1.00	7.50	7.72	86.00
07	22.96	-1.00	-1.00	-1.00	7.30	7.74	87.00
08	26.24	-1.00	-1.00	-1.00	7.20	7.74	87.00
09	29.52	-1.00	-1.00	-1.00	7.00	7.70	87.00
10	32.80	-1.00	-1.00	-1.00	7.10	7.70	87.00
11	36.08	-1.00	-1.00	-1.00	7.10	7.69	87.50
12	39.36	-1.00	-1.00	-1.00	7.10	7.69	87.00
13	42.64	-1.00	-1.00	-1.00	7.20	7.72	87.00
14	45.92	-1.00	-1.00	-1.00	7.20	7.70	87.00
15	49.20	-1.00	-1.00	-1.00	7.10	7.72	86.00
16	52.48	-1.00	-1.00	-1.00	7.10	7.72	86.50
17	55.76	-1.00	-1.00	-1.00	7.20	7.72	86.00
18	59.04	-1.00	-1.00	-1.00	7.00	7.72	83.50
19	62.32	-1.00	-1.00	-1.00	6.80	7.70	78.00
20	65.60	-1.00	-1.00	-1.00	6.50	7.66	-1.00

MISSING DATA VALUE IS -1.0

MISSING DATA VALUE IS -1.0

DATE: JANUARY 1974

STATION: B1 LONG BEACH SEA BUOY "LBR"

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY PPT	D.O2 PPM	PH	TURBIDITY K
		C	F				
00	0.0	13.00	55.40	32.90	7.60	7.81	90.00
01	3.28	13.00	55.40	33.30	7.80	7.96	89.50
02	6.56	13.00	55.40	33.40	7.80	7.87	89.50
03	9.84	13.00	55.40	33.45	7.80	7.88	90.00
04	13.12	13.00	55.40	33.50	8.00	7.90	90.00
05	16.40	12.40	55.22	33.60	8.00	7.92	90.50
06	19.68	12.40	55.04	33.60	8.10	7.92	92.00
07	22.96	12.80	55.04	33.60	8.10	7.93	92.00
08	26.24	12.80	55.04	33.60	8.10	7.94	92.50
09	29.52	12.80	55.04	33.60	8.20	7.94	92.50
10	32.80	12.80	55.04	33.65	8.20	7.96	93.00
11	36.08	12.80	55.04	33.70	8.20	7.96	93.00
12	39.36	12.80	55.04	33.70	8.20	7.96	93.00
13	42.64	12.80	55.04	33.70	8.20	7.96	93.00
14	45.92	12.80	55.04	33.70	8.20	7.98	93.00
15	49.20	12.80	55.04	33.70	8.20	7.98	93.00
16	52.48	12.80	55.04	33.75	8.20	7.98	93.00
17	55.76	12.80	55.04	33.75	8.20	7.98	92.50
18	59.04	12.80	55.04	33.75	8.20	7.98	92.00
19	62.32	12.80	55.04	33.75	8.10	7.98	92.00

DATE: MARCH 1974

STATION: B1 LONG BEACH SEA BUOY "LBR"

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY PPT	D.O2 PPM	PH	TURBIDITY K
		C	F				
00	0.0	14.30	57.74	33.10	8.70	8.66	86.00
01	3.28	14.00	57.20	33.10	8.50	8.66	85.00
02	6.56	13.90	57.02	33.15	8.60	8.65	86.00
03	9.84	13.80	56.84	33.25	8.50	8.65	86.50
04	13.12	13.90	56.84	33.25	8.50	8.65	87.00
05	16.40	13.70	56.66	33.30	8.50	8.65	86.50
06	19.68	13.70	56.66	33.40	8.50	8.65	88.50
07	22.96	13.70	56.66	33.40	8.50	8.64	89.00
08	26.24	13.70	56.66	33.40	8.50	8.64	89.00
09	29.52	13.60	56.48	33.40	8.30	8.62	88.50
10	32.80	13.60	56.48	33.40	8.20	8.61	87.00
11	36.08	13.50	56.30	33.40	8.10	8.60	84.50
12	39.36	13.60	56.30	33.40	8.10	8.61	81.00
13	42.64	13.50	56.30	33.45	8.10	8.61	80.00
14	45.92	13.50	56.30	33.45	8.10	8.61	81.00
15	49.20	13.50	56.30	33.45	8.30	8.61	82.00
16	52.48	13.30	56.94	33.45	8.10	8.61	83.00
17	55.76	13.30	56.94	33.45	8.20	8.61	79.00
18	59.04	13.30	56.94	33.45	8.20	8.61	75.50

DATE: FEBRUARY 1974

STATION: B1 LONG BEACH SEA BUOY "LBR"

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY PPT	D.O2 PPM	PH	TURBIDITY K
		C	F				
00	0.0	13.10	55.58	33.20	-1.00	-1.00	-1.00
01	3.28	12.90	55.22	33.20	-1.00	-1.00	-1.00
02	6.56	12.90	55.22	33.40	-1.00	-1.00	-1.00
03	9.84	12.90	55.22	33.45	-1.00	-1.00	-1.00
04	13.12	12.90	55.22	33.45	-1.00	-1.00	-1.00
05	16.40	12.90	55.22	33.45	-1.00	-1.00	-1.00
06	19.68	12.90	55.22	33.45	-1.00	-1.00	-1.00
07	22.96	12.90	55.22	33.50	-1.00	-1.00	-1.00
08	26.24	12.90	55.22	33.50	-1.00	-1.00	-1.00
09	29.52	12.90	55.22	33.50	-1.00	-1.00	-1.00
10	32.80	12.90	55.22	33.50	-1.00	-1.00	-1.00
11	36.08	12.90	55.22	33.50	-1.00	-1.00	-1.00
12	39.36	12.80	55.04	33.50	-1.00	-1.00	-1.00
13	42.64	12.80	55.04	33.50	-1.00	-1.00	-1.00
14	45.92	12.80	55.04	33.50	-1.00	-1.00	-1.00
15	49.20	12.80	55.04	33.50	-1.00	-1.00	-1.00
16	52.48	12.80	55.04	33.50	-1.00	-1.00	-1.00
17	55.76	12.80	55.04	33.50	-1.00	-1.00	-1.00
18	59.04	12.50	54.60	33.60	-1.00	-1.00	-1.00
19	62.32	12.50	54.50	33.60	-1.00	-1.00	-1.00

DATE: APRIL 1974

STATION: B1 LONG BEACH SEA BUOY "LBR"

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY PPT	D.O2 PPM	PH	TURBIDITY K
		C	F				
00	0.0	14.40	57.92	33.70	8.70	-1.00	-1.00
01	3.28	14.00	57.20	33.80	9.10	-1.00	-1.00
02	6.56	13.70	56.66	33.80	8.60	-1.00	-1.00
03	9.84	13.60	56.48	33.80	8.30	-1.00	-1.00
04	13.12	13.60	56.48	33.80	8.20	-1.00	-1.00
05	16.40	13.60	56.48	33.80	8.40	-1.00	-1.00
06	19.68	13.60	56.48	33.70	8.60	-1.00	-1.00
07	22.96	13.60	56.48	33.70	8.60	-1.00	-1.00
08	26.24	13.50	56.30	33.60	8.60	-1.00	-1.00
09	29.52	13.40	56.12	33.60	8.70	-1.00	-1.00
10	32.80	13.40	56.12	33.60	8.70	-1.00	-1.00
11	36.08	13.30	55.94	33.60	8.20	-1.00	-1.00
12	39.36	11.90	53.42	33.70	7.20	-1.00	-1.00
13	42.64	11.80	53.24	33.80	6.80	-1.00	-1.00
14	45.92	11.80	53.24	33.80	6.80	-1.00	-1.00
15	49.20	11.80	53.24	33.80	6.80	-1.00	-1.00
16	52.48	11.80	53.24	33.70	6.70	-1.00	-1.00
17	55.76	11.70	53.06	33.70	6.60	-1.00	-1.00
18	59.04	11.70	53.06	33.70	6.40	-1.00	-1.00
19	62.32	11.70	53.06	33.70	6.40	-1.00	-1.00

MISSING DATA VALUE IS -1.0

MISSING DATA VALUE IS -1.0



DATE: MAY 1974  
STATION: B1 LONG BEACH SEA BUOY "LB"

DEPTH METERS	FEET	TEMPERATURE		SALINITY PPT	D.O.2 PPM	PH	TURBIDITY %
		C	F				
00	0.0	15.00	59.00	31.65	7.20	7.31	93.00
01	3.28	14.80	58.64	31.75	7.20	7.31	93.00
02	6.56	14.60	58.64	31.75	7.20	7.31	93.00
03	9.84	14.80	58.64	31.70	7.10	7.32	93.00
04	13.12	14.60	58.64	31.70	7.20	7.32	92.50
05	16.40	14.60	58.28	31.70	7.20	7.32	92.50
06	19.68	14.60	58.28	31.75	7.20	7.32	92.50
07	22.96	14.50	58.10	31.75	7.00	7.32	92.50
08	26.24	14.30	57.74	31.90	7.00	7.32	92.00
09	29.52	13.90	57.02	31.90	7.00	7.32	92.00
10	32.80	13.80	56.84	31.85	7.00	7.31	92.00
11	36.08	13.70	56.66	31.90	6.90	7.31	92.50
12	39.36	13.50	56.30	32.00	6.80	7.31	92.50
13	42.64	13.20	55.76	32.00	6.70	7.30	92.00
14	45.92	12.90	55.22	32.00	6.60	7.30	92.00
15	49.20	12.50	54.50	32.05	6.30	7.29	89.00
16	52.48	12.20	53.96	32.10	6.30	7.29	81.50
17	55.76	12.10	53.78	32.10	6.30	7.29	77.50
18	59.04	12.10	53.78	32.10	6.10	7.29	68.00
19	62.32	12.10	53.78	32.10	6.20	7.28	62.00

\* Possible probe malfunction

DATE: JUNE 1974  
STATION: B1 LONG BEACH SEA BUOY "LB"

DEPTH METERS	FEET	TEMPERATURE		SALINITY PPT	D.O.2 PPM	PH	TURBIDITY %
		C	F				
00	0.0	16.00	60.80	31.40	10.30	-1.00	74.50
01	3.28	16.00	60.80	31.50	10.10	-1.00	88.00
02	6.56	16.00	60.80	31.50	10.10	-1.00	89.50
03	9.84	16.00	60.80	31.50	10.00	-1.00	90.00
04	13.12	15.90	60.62	31.60	9.90	-1.00	91.50
05	16.40	15.80	60.44	31.40	9.90	-1.00	91.50
06	19.68	15.30	59.54	31.50	10.00	-1.00	92.00
07	22.96	15.10	59.18	31.60	9.80	-1.00	92.50
08	26.24	15.00	59.00	31.60	9.50	-1.00	93.00
09	29.52	14.20	57.56	31.90	9.50	-1.00	93.50
10	32.80	14.00	57.20	31.60	9.40	-1.00	94.00
11	36.08	14.00	57.20	31.50	9.20	-1.00	94.50
12	39.36	13.80	56.84	31.90	9.30	-1.00	94.00
13	42.64	13.50	56.30	31.80	8.90	-1.00	91.50
14	45.92	13.20	55.76	32.00	8.30	-1.00	91.00
15	49.20	12.90	55.22	32.00	7.80	-1.00	90.00
16	52.48	12.50	54.50	31.90	8.00	-1.00	90.00
17	55.76	12.20	53.96	32.10	8.20	-1.00	88.50
18	59.04	12.10	53.78	32.00	8.80	-1.00	81.00
19	62.32	12.00	53.60	32.10	8.50	-1.00	-1.00

\* Possible probe malfunction

MISSING DATA VALUE IS -1.0

DATE: JULY 1974  
STATION: B1 LONG BEACH SEA BUOY "LB"

DEPTH METERS	FEET	TEMPERATURE		SALINITY PPT	D.O.2 PPM	PH	TURBIDITY %
		C	F				
00	0.0	16.50	61.70	-1.00	8.30	-1.00	80.00
01	3.28	16.40	61.52	-1.00	8.50	-1.00	79.00
02	6.56	16.50	60.62	-1.00	8.70	-1.00	81.50
03	9.84	15.90	60.62	-1.00	8.50	-1.00	82.50
04	13.12	15.80	60.44	-1.00	8.40	-1.00	86.50
05	16.40	15.70	60.26	-1.00	8.50	-1.00	90.00
06	19.68	15.60	60.08	-1.00	8.50	-1.00	91.00
07	22.96	15.10	59.18	-1.00	9.00	-1.00	91.00
08	26.24	15.00	59.00	-1.00	8.70	-1.00	91.00
09	29.52	15.00	59.00	-1.00	8.80	-1.00	91.00
10	32.80	14.90	58.82	-1.00	8.90	-1.00	91.50
11	36.08	14.80	58.64	-1.00	8.60	-1.00	91.00
12	39.36	14.70	58.46	-1.00	8.40	-1.00	90.50
13	42.64	14.60	58.28	-1.00	8.10	-1.00	90.00
14	45.92	14.50	58.10	-1.00	8.00	-1.00	86.00
15	49.20	14.40	57.92	-1.00	6.10	-1.00	67.00
16	52.48	13.90	57.02	-1.00	5.70	-1.00	66.00
17	55.76	13.50	56.30	-1.00	5.70	-1.00	63.00
18	59.04	13.20	55.76	-1.00	5.40	-1.00	75.00
19	62.32	12.90	55.22	-1.00	7.00	-1.00	51.00
20	65.60	12.90	55.22	-1.00	6.60	-1.00	-1.00

DATE: AUGUST 1974  
STATION: B1 LONG BEACH SEA BUOY "LB"

DEPTH METERS	FEET	TEMPERATURE		SALINITY PPT	D.O.2 PPM	PH	TURBIDITY %
		C	F				
00	0.0	18.60	65.48	32.90	8.80	-1.00	84.00
01	3.28	18.40	65.12	32.90	8.80	-1.00	84.00
02	6.56	17.90	64.22	32.80	8.80	-1.00	83.50
03	9.84	17.70	63.86	33.00	9.00	-1.00	85.00
04	13.12	17.70	63.86	32.90	9.10	-1.00	86.00
05	16.40	17.50	63.50	33.10	9.10	-1.00	86.00
06	19.68	17.20	62.96	33.20	9.00	-1.00	86.00
07	22.96	17.00	62.60	33.30	8.90	-1.00	85.00
08	26.24	17.00	62.60	33.30	9.10	-1.00	84.50
09	29.52	17.00	62.60	33.20	8.80	-1.00	83.00
10	32.80	16.20	61.16	33.70	8.40	-1.00	83.00
11	36.08	16.20	61.16	33.30	8.40	-1.00	84.50
12	39.36	15.20	59.36	33.60	7.40	-1.00	81.50
13	42.64	14.90	58.82	33.40	7.00	-1.00	81.00
14	45.92	14.60	58.28	33.40	7.80	-1.00	85.00
15	49.20	14.10	57.38	33.70	7.70	-1.00	86.00
16	52.48	14.00	57.20	33.60	7.80	-1.00	80.00
17	55.76	14.00	57.20	33.40	7.80	-1.00	73.00
18	59.04	14.00	57.20	33.70	7.80	-1.00	74.00
19	62.32	14.00	57.20	33.70	7.80	-1.00	76.00
20	65.60	14.00	57.20	33.70	7.70	-1.00	-1.00

MISSING DATA VALUE IS -1.0

DATE: SEPTEMBER 1974

STATION: B1 LONG BEACH SEA BUOY "LB"

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PPT	D.O.2 PPM	PH M. ION CONC	TURBIDITY S
00	0.0	20.40	68.72	33.40	9.30	8.31	75.50
01	3.28	20.00	68.00	33.50	9.90	8.35	75.50
02	6.56	19.60	67.28	33.60	10.80	8.37	76.50
03	9.84	19.40	66.92	33.60	10.30	8.33	76.50
04	13.12	19.30	66.74	33.50	11.00	8.29	77.50
05	16.40	19.10	66.38	33.60	11.20	8.29	77.50
06	19.68	18.90	66.02	33.60	12.00	8.29	78.00
07	22.96	18.90	65.84	33.50	11.70	8.29	78.50
08	26.24	18.80	65.66	33.50	12.00	8.28	78.00
09	29.52	18.70	65.48	33.60	11.80	8.27	77.50
10	32.80	18.70	65.48	33.60	10.20	8.24	78.00
11	36.08	17.70	63.86	33.60	9.40	8.06	78.50
12	39.36	17.00	62.60	33.70	7.80	8.01	78.50
13	42.64	16.90	62.24	33.60	8.20	8.03	77.00
14	45.92	16.70	62.06	33.70	8.00	8.04	78.00
15	49.20	16.80	62.24	33.70	6.50	7.98	78.50
16	52.48	16.00	60.80	33.60	5.40	7.85	76.50
17	55.76	15.90	60.62	33.60	5.90	7.89	60.50
18	59.04	15.80	60.44	33.50	7.00	7.98	61.50

DATE: OCTOBER 1974

STATION: B1 LONG BEACH SEA BUOY "LB"

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PPT	D.O.2 PPM	PH M. ION CONC	TURBIDITY S
00	0.0	15.70	60.08	33.40	8.60	8.34	86.50
01	3.28	15.10	59.18	33.50	8.70	8.35	85.50
02	6.56	15.10	59.18	33.40	8.70	8.33	87.50
03	9.84	15.10	59.18	33.40	8.50	8.33	89.00
04	13.12	15.00	59.00	33.50	8.50	8.33	87.00
05	16.40	15.00	59.00	33.50	8.50	8.33	86.00
06	19.68	15.00	59.00	33.50	8.50	8.31	86.00
07	22.96	14.90	58.82	33.50	8.40	8.31	85.50
08	26.24	14.90	58.82	33.50	8.40	8.31	85.50
09	29.52	14.90	58.82	33.50	8.40	8.31	85.00
10	32.80	14.80	58.64	33.50	8.20	8.29	85.00
11	36.08	14.60	58.28	33.50	8.00	8.27	84.50
12	39.36	14.60	58.28	33.40	7.70	8.26	84.00
13	42.64	14.20	57.56	33.30	7.20	8.23	79.00
14	45.92	14.10	57.38	33.30	7.10	8.20	77.50
15	49.20	13.90	57.02	33.40	6.90	8.19	77.00
16	52.48	13.80	56.84	33.40	6.80	8.18	77.00
17	55.76	13.50	56.30	33.60	6.60	8.16	76.50
18	59.04	13.10	55.58	33.70	6.50	8.15	71.50
19	62.32	12.80	55.04	33.60	6.30	8.13	55.00
20	65.60	12.70	54.86	33.60	6.20	8.11	10.00

MISSING DATA VALUE IS -1.0

DATE: NOVEMBER 1974

STATION: B1 LONG BEACH SEA BUOY "LB"

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PPT	D.O.2 PPM	PH M. ION CONC	TURBIDITY S
00	0.0	14.90	58.82	33.70	11.90	8.29	73.50
01	3.28	14.90	58.82	33.70	11.70	8.25	74.00
02	6.56	14.90	58.82	33.70	11.80	8.25	73.00
03	9.84	14.90	58.82	33.70	11.40	8.26	73.50
04	13.12	14.90	58.82	33.70	11.50	8.25	83.50
05	16.40	14.80	58.64	33.70	10.20	8.23	73.00
06	19.68	14.80	58.64	33.70	10.20	8.23	82.50
07	22.96	14.60	58.28	33.70	10.20	8.23	82.50
08	26.24	14.60	58.28	33.70	10.20	8.22	84.00
09	29.52	14.60	58.28	33.70	9.80	8.22	84.00
10	32.80	14.70	58.28	33.70	10.00	8.22	84.50
11	36.08	14.60	58.28	33.70	10.00	8.22	85.00
12	39.36	14.60	58.28	33.70	9.90	8.22	84.00
13	42.64	14.60	58.28	33.70	10.00	8.22	81.50
14	45.92	14.60	58.28	33.70	10.00	8.21	81.00
15	49.20	14.50	58.10	33.70	10.00	8.21	81.50
16	52.48	14.50	58.10	33.70	10.00	8.20	79.50
17	55.76	14.50	58.10	33.70	9.80	8.20	72.50
18	59.04	14.50	58.10	33.70	10.00	8.20	70.00
19	62.32	14.50	58.10	33.70	9.80	8.20	67.50
20	65.60	14.50	58.10	33.70	9.50	8.20	-1.00

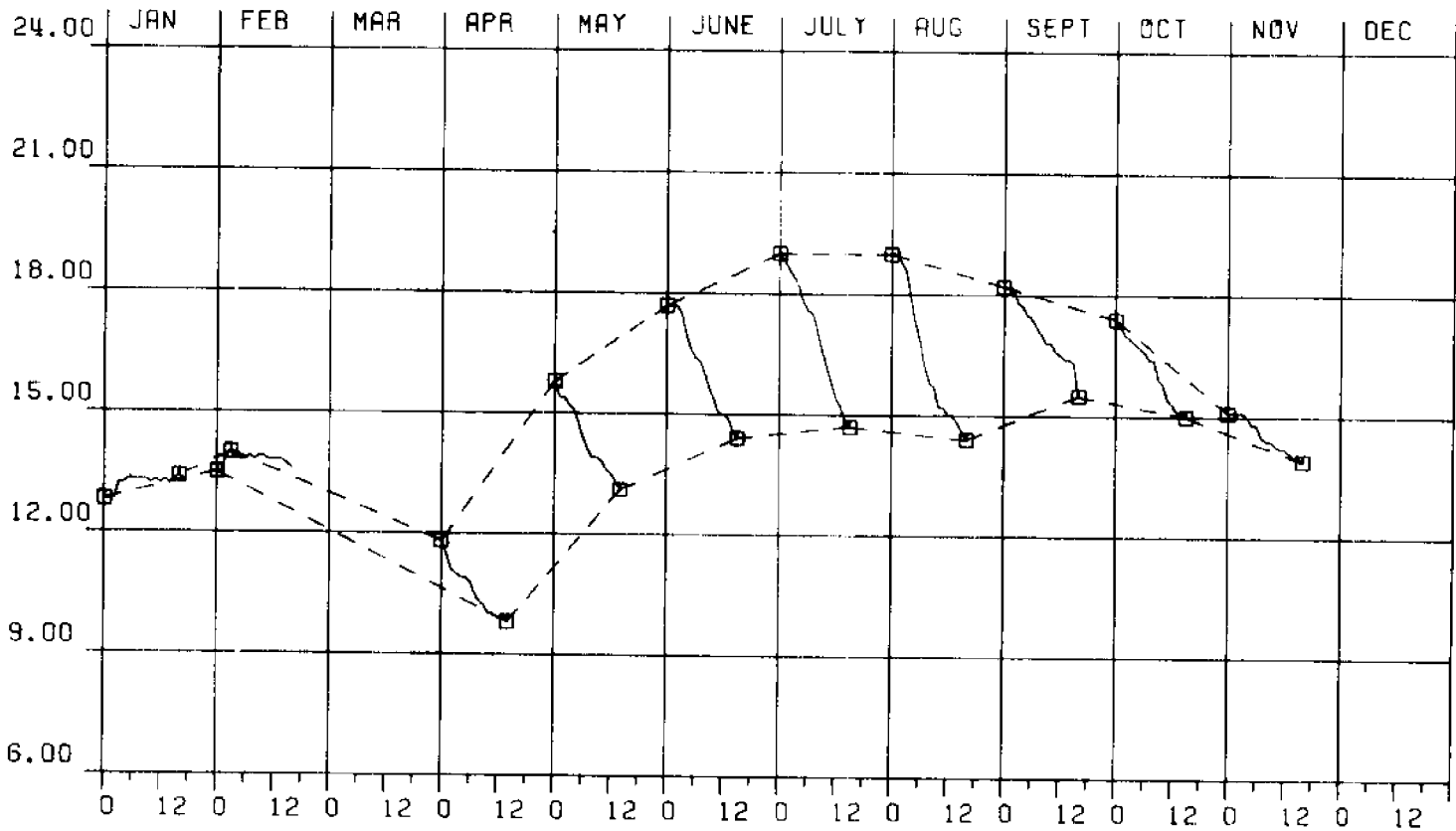
DATE: DECEMBER 1974

STATION: B1 LONG BEACH SEA BUOY "LB"

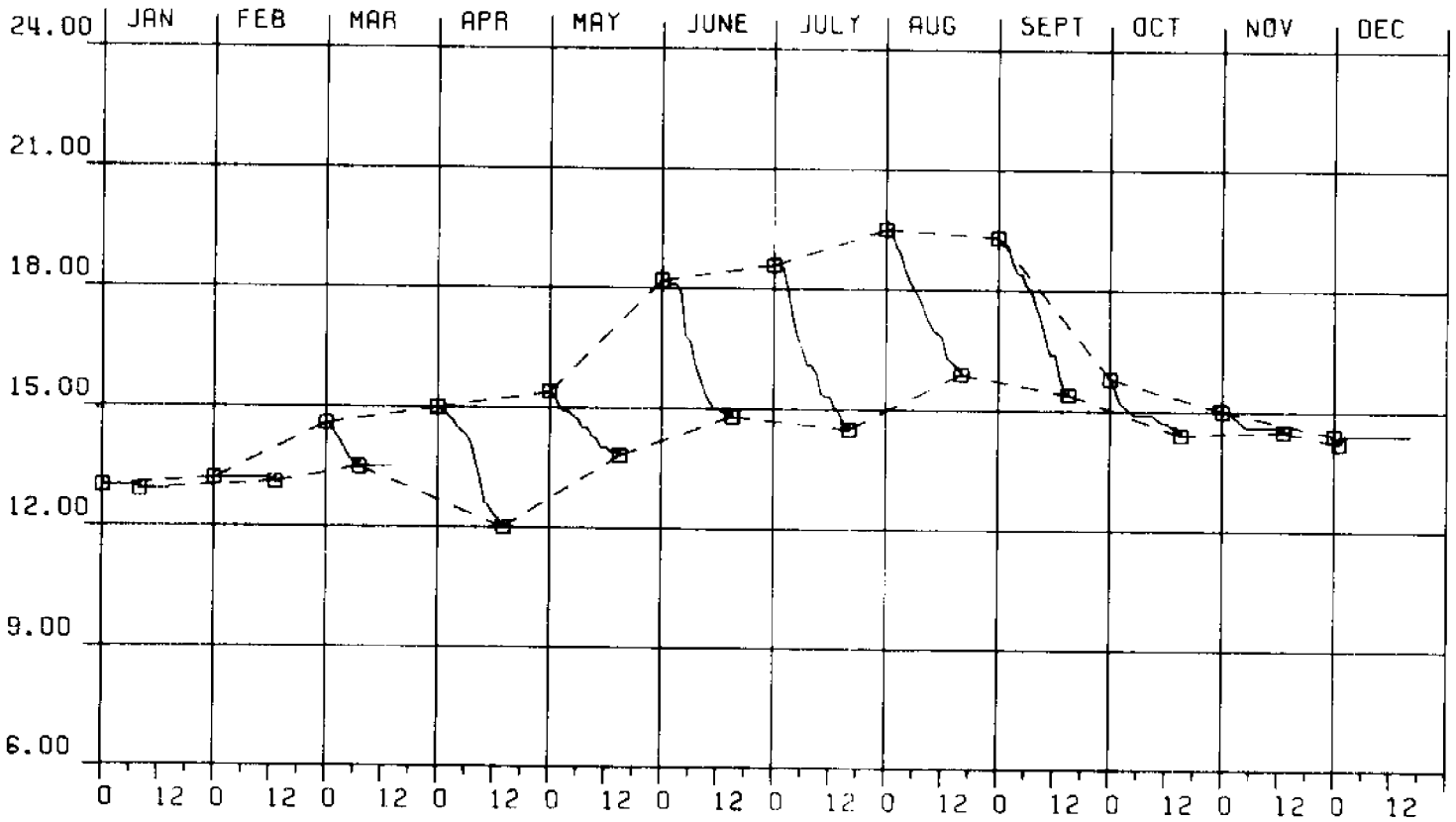
DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PPT	D.O.2 PPM	PH M. ION CONC	TURBIDITY S
00	0.0	14.40	57.92	33.30	9.20	8.48	94.50
01	3.28	14.40	57.92	33.30	9.30	8.49	80.00
02	6.56	14.40	57.92	33.40	9.40	8.49	80.00
03	9.84	14.40	57.92	33.40	9.60	8.50	81.00
04	13.12	14.40	57.92	33.40	9.80	8.52	81.50
05	16.40	14.40	57.92	33.40	9.70	8.52	81.50
06	19.68	14.40	57.92	33.40	9.80	8.52	82.00
07	22.96	14.40	57.92	33.40	9.90	8.54	84.00
08	26.24	14.40	57.92	33.40	10.00	8.54	84.00
09	29.52	14.40	57.92	33.50	10.00	8.56	85.00
10	32.80	14.40	57.92	33.50	10.00	8.56	85.00
11	36.08	14.40	57.92	33.50	9.90	8.55	86.00
12	39.36	14.40	57.92	33.50	9.90	8.55	86.50
13	42.64	14.30	57.74	33.50	9.80	8.54	86.50
14	45.92	14.30	57.74	33.50	9.60	8.53	87.00
15	49.20	14.30	57.74	33.50	9.40	8.52	87.00
16	52.48	14.40	57.92	33.50	9.40	8.52	87.00
17	55.76	14.40	57.92	33.50	9.20	8.51	86.50
18	59.04	14.40	57.92	33.60	8.20	8.44	66.00
19	62.32	14.20	57.56	33.70	7.30	8.34	-1.00

MISSING DATA VALUE IS -1.0

B2 PIER J BETWEEN BERTHS 244 & 245  
 DATE: 1973  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. TEMPERATURE CELSIUS

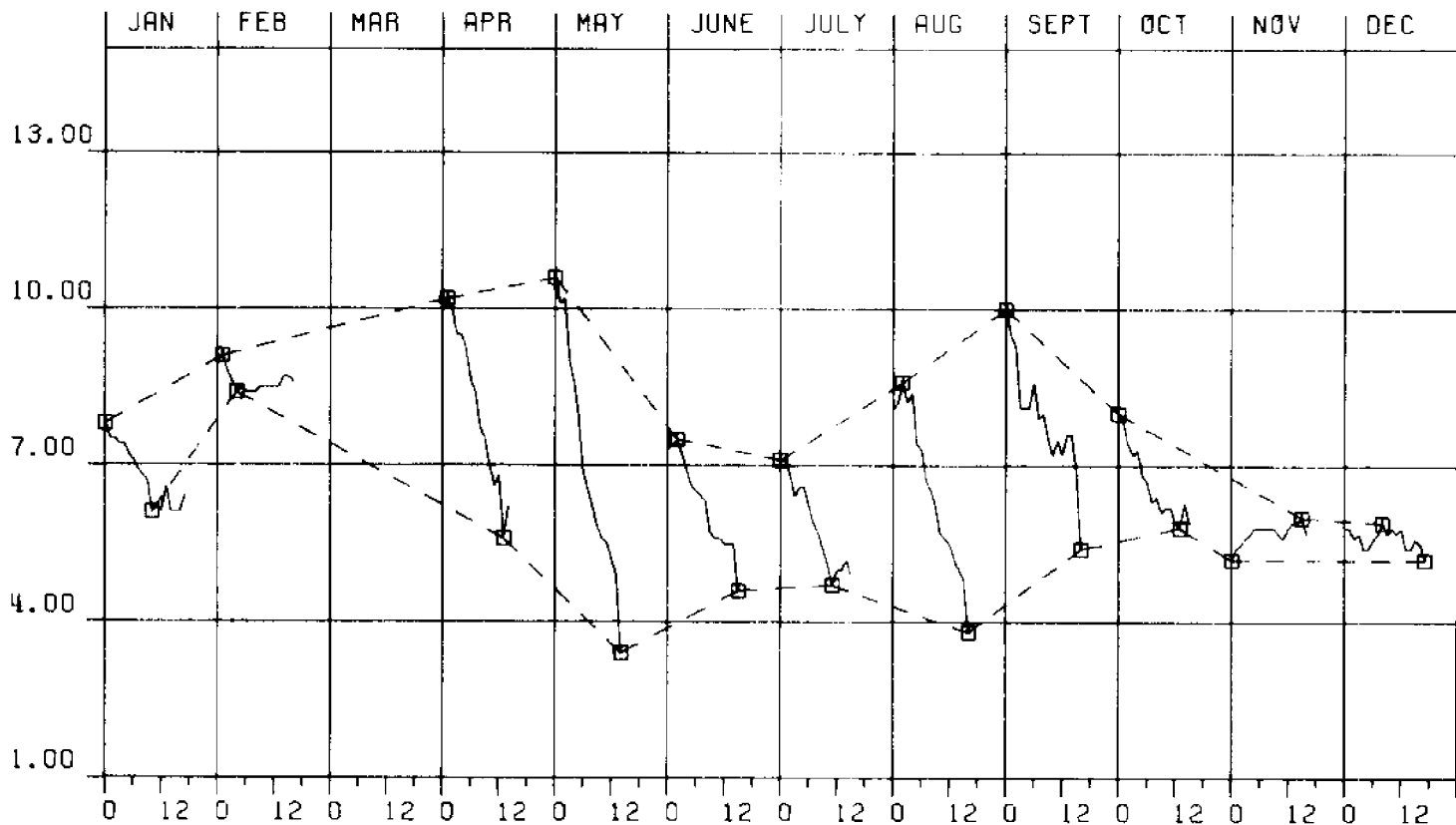


B2 PIER J BETWEEN BERTHS 244 & 245  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. TEMPERATURE CELSIUS

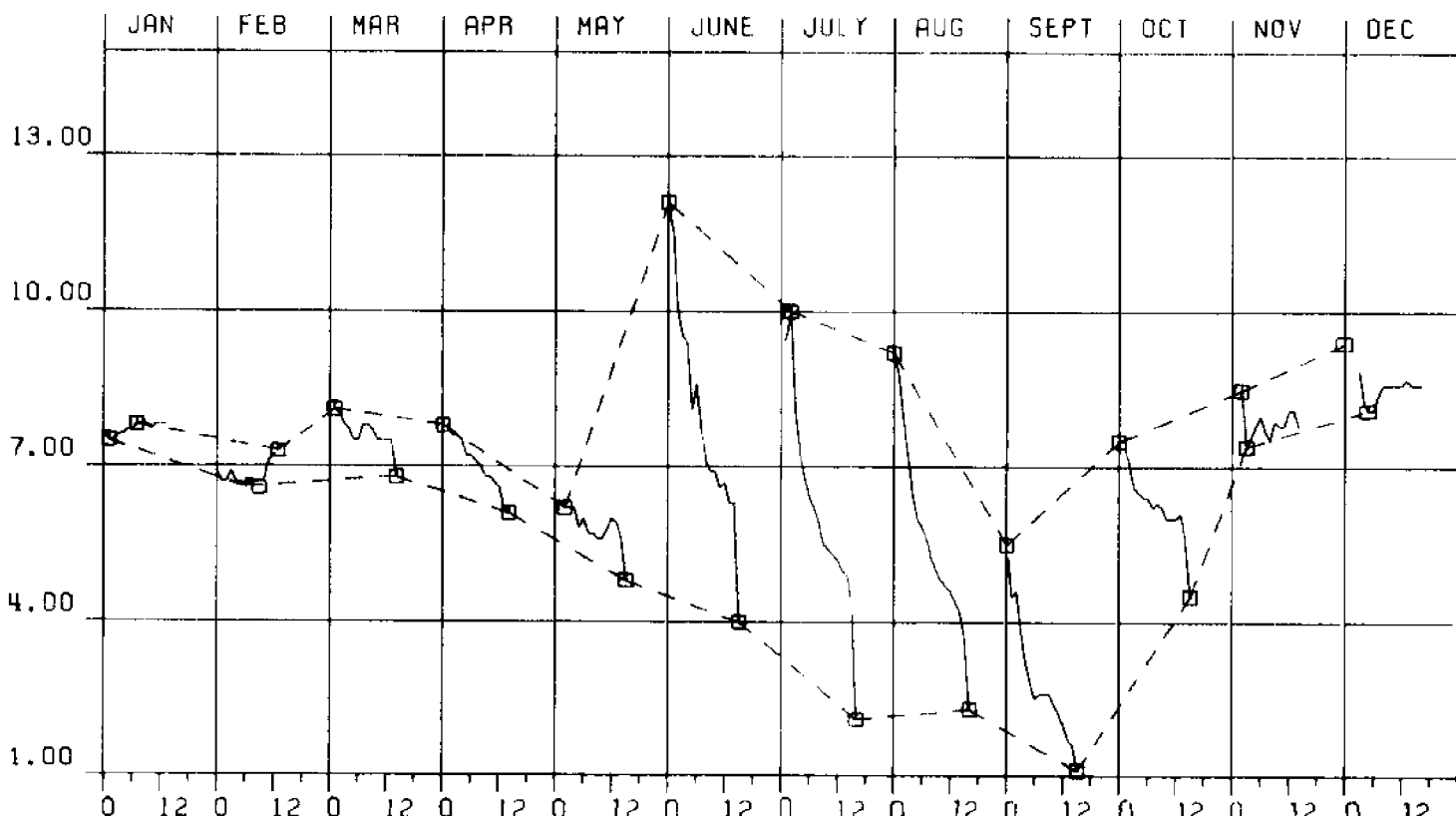




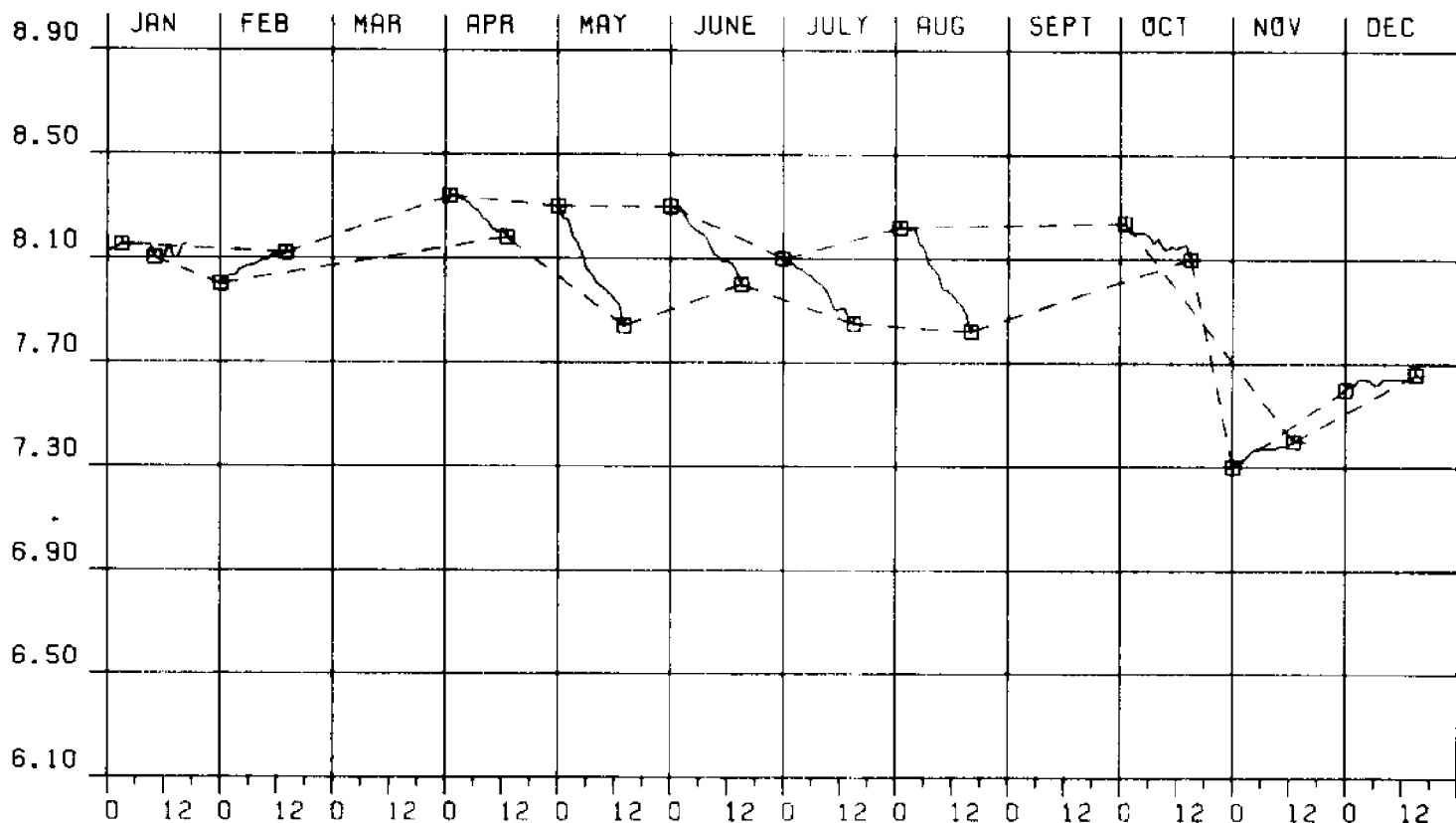
B2 PIER J BETWEEN BERTHS 244 & 245  
 DATE: 1973  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. DISSOLVED OXYGEN PPM



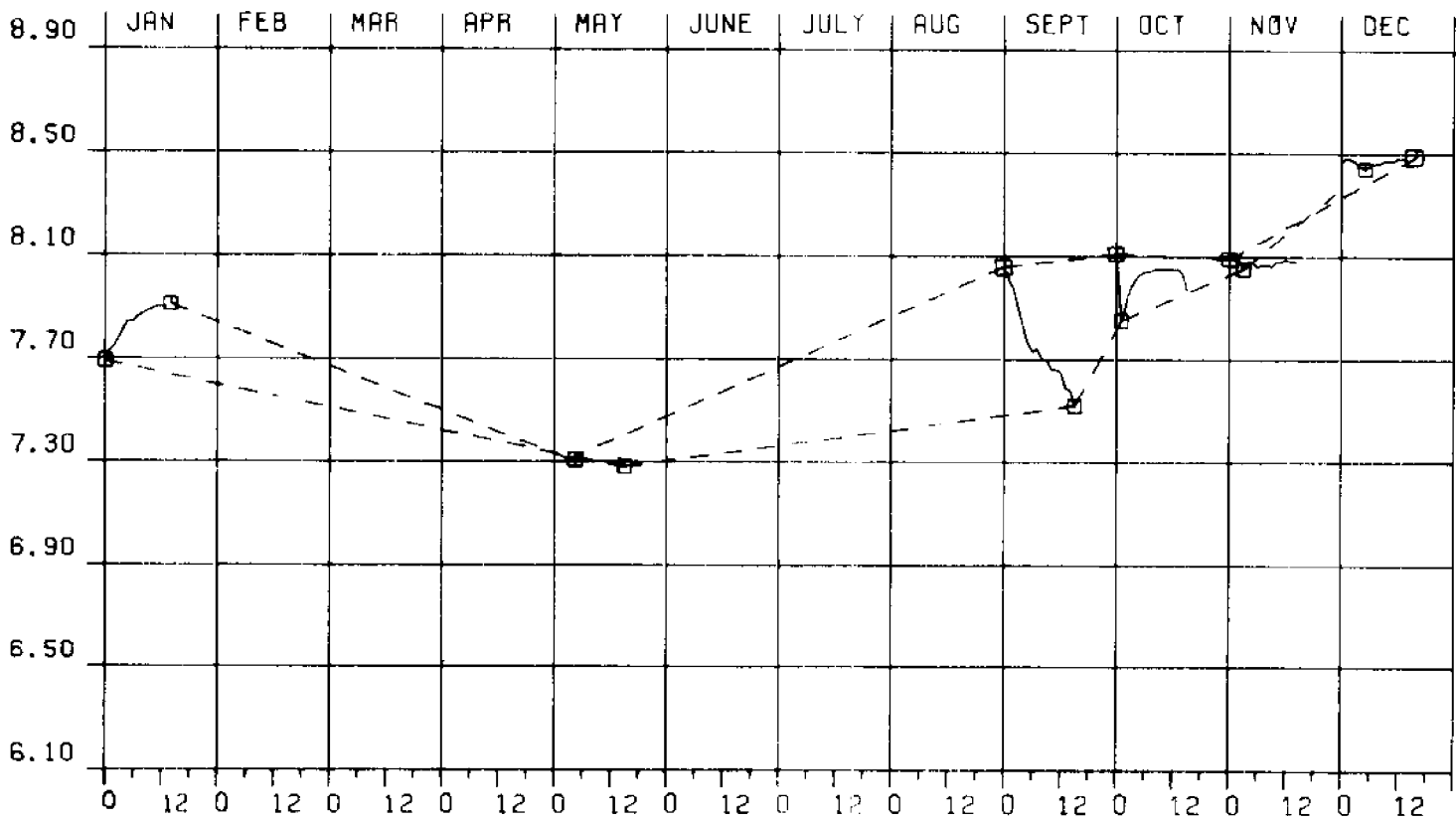
B2 PIER J BETWEEN BERTHS 244 & 245  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. DISSOLVED OXYGEN PPM



B2 PIER J BETWEEN BERTHS 244 & 245  
 DATE: 1973  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. PH H ION CONC



B2 PIER J BETWEEN BERTHS 244 & 245  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. PH H ION CONC



DATE: JANUARY 1973

STATION: 82 PIER J BETWEEN BERTHS 244 &amp; 245

DATE: MARCH 1973

STATION: 82 PIER J 750

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY	D.O2	PH	TURBIDITY
		C	F	PPT	PPM	U. ION CONC	%
00	0.0	12.80	55.04	33.62	7.80	8.12	-1.00
01	3.28	12.80	55.04	33.81	7.50	8.13	-1.00
02	6.56	12.80	55.04	33.81	7.50	8.14	-1.00
03	9.84	13.20	55.76	33.92	7.40	8.15	-1.00
04	13.12	13.20	55.76	34.12	7.40	8.15	-1.00
05	16.40	13.30	55.94	34.21	7.20	8.15	-1.00
06	19.68	13.30	55.94	34.12	7.10	8.15	-1.00
07	22.96	13.30	55.94	34.21	6.90	8.15	-1.00
08	26.24	13.30	55.94	34.21	6.80	8.15	-1.00
09	29.52	13.30	55.94	34.31	6.70	8.15	-1.00
10	32.80	13.20	55.76	34.40	6.10	8.10	-1.00
11	36.08	13.30	55.94	34.31	6.20	8.10	-1.00
12	39.36	13.20	55.76	34.40	6.10	8.10	-1.00
13	42.64	13.30	55.94	34.31	6.60	8.15	-1.00
14	45.92	13.20	55.76	34.40	6.10	8.10	-1.00
15	49.20	13.30	55.94	34.40	6.10	8.10	-1.00
16	52.48	13.40	56.12	34.31	6.10	8.15	-1.00
17	55.76	11.30	55.94	34.40	6.40	8.15	-1.00

DATE: FEBRUARY 1973

STATION: 82 PIER J BETWEEN BERTHS 244 &amp; 245

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY	D.O2	PH	TURBIDITY
		C	F	PPT	PPM	U. ION CONC	%
00	0.0	13.90	56.98	31.40	9.00	8.00	-1.00
01	3.28	13.30	56.30	31.70	9.10	8.02	-1.00
02	6.56	13.90	57.02	32.30	8.80	8.03	-1.00
03	9.84	14.00	57.20	32.60	8.60	8.03	-1.00
04	13.12	13.80	56.84	33.30	8.40	8.05	-1.00
05	16.40	13.80	56.84	33.40	8.50	8.06	-1.00
06	19.68	13.80	56.84	33.50	8.40	8.07	-1.00
07	22.96	12.90	57.02	33.40	8.40	8.07	-1.00
08	26.24	13.40	56.14	33.60	8.40	8.08	-1.00
09	29.52	13.90	57.02	33.60	8.50	8.09	-1.00
10	32.80	13.40	57.02	33.80	8.50	8.09	-1.00
11	36.08	13.80	56.84	34.00	8.50	8.11	-1.00
12	39.36	13.80	56.84	34.00	8.50	8.11	-1.00
13	42.64	13.80	56.84	34.10	8.50	8.11	-1.00
14	45.92	13.80	56.84	34.00	8.70	8.12	-1.00
15	49.20	13.70	56.66	34.20	8.70	8.12	-1.00
16	52.48	13.60	56.48	34.40	8.60	8.12	-1.00

MISSING DATA VALUE IS -1.0

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY	D.O2	PH	TURBIDITY
		C	F	PPT	PPM	U. ION CONC	%
00	0.0	13.20	55.76	32.70	10.10	8.27	-1.00
01	3.28	13.20	55.76	32.70	10.00	8.27	-1.00
02	6.56	13.10	55.58	32.90	10.00	8.26	-1.00
03	9.84	13.10	55.58	32.90	9.90	8.26	-1.00
04	13.12	13.40	56.12	32.80	9.40	8.24	-1.00
05	16.40	13.50	56.30	32.80	9.30	8.23	-1.00
06	19.68	13.50	56.30	32.80	9.20	8.24	-1.00
07	22.96	13.50	56.30	32.80	9.20	8.23	-1.00
08	26.24	13.50	56.30	32.80	9.10	8.22	-1.00
09	29.52	13.50	56.30	32.80	8.90	8.21	-1.00
10	32.80	13.50	56.30	32.80	8.90	8.21	-1.00
11	36.08	13.50	56.30	32.80	8.70	8.21	-1.00
12	39.36	13.40	56.12	33.00	8.70	8.21	-1.00
13	42.64	13.40	56.12	33.00	8.80	8.21	-1.00
14	45.92	13.40	56.12	33.00	8.40	8.20	-1.00
15	49.20	13.40	56.12	33.00	6.50	8.11	-1.00

DATE: APRIL 1973

STATION: 82 PIER J BETWEEN BERTHS 244 &amp; 245

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY	D.O2	PH	TURBIDITY
		C	F	PPT	PPM	U. ION CONC	%
00	0.0	13.80	56.84	33.13	10.00	8.30	49.00
01	3.28	11.50	52.70	33.20	10.20	8.34	94.00
02	6.56	11.10	51.98	33.20	10.00	8.34	92.00
03	9.84	11.00	51.80	33.20	9.50	8.33	86.00
04	13.12	10.90	51.62	33.20	9.50	8.32	86.00
05	16.40	10.90	51.62	33.20	9.20	8.31	86.00
06	19.68	10.80	51.44	33.20	8.60	8.29	83.00
07	22.96	10.50	50.90	33.40	8.40	8.28	80.00
08	26.24	10.30	50.54	33.50	7.70	8.25	79.00
09	29.52	10.20	50.36	33.60	7.50	8.24	76.00
10	32.80	10.00	50.00	33.70	7.00	8.21	75.00
11	36.08	10.00	50.00	33.80	6.60	8.20	71.00
12	39.36	9.90	49.82	33.50	6.80	8.21	-1.00
13	42.64	9.90	49.82	33.50	5.60	8.18	-1.00
14	45.92	9.80	49.64	33.60	6.20	8.18	-1.00

DATE: MAY 1973

STATION: 82 PIER J BETWEEN BERTHS 244 &amp; 245

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY	D.O2	PH	TURBIDITY
		C	F	PPT	PPM	U. ION CONC	%
00	0.0	15.80	60.44	33.30	10.00	8.30	84.00
01	3.28	15.40	59.72	33.60	10.10	8.25	93.00
02	6.56	15.40	59.72	33.70	10.20	8.25	86.00
03	9.84	15.20	59.36	33.70	9.00	8.18	88.00
04	13.12	15.10	59.18	33.70	8.60	8.16	87.00
05	16.40	14.80	58.64	33.80	7.90	8.12	82.00
06	19.68	14.40	57.92	34.10	6.90	8.06	82.00
07	22.96	14.10	57.38	33.90	6.50	8.04	84.00
08	26.24	13.90	57.02	33.90	6.20	8.03	84.00
09	29.52	13.90	57.02	33.90	5.80	7.99	80.00
10	32.80	13.80	56.84	33.80	5.60	7.98	80.00
11	36.08	13.60	56.48	33.80	5.50	7.96	-1.00
12	39.36	13.50	56.30	33.80	5.20	7.94	-1.00
13	42.64	13.30	55.94	33.80	4.90	7.92	-1.00
14	45.92	13.10	55.58	33.80	4.40	7.84	-1.00

DATE: JUNE 1973

STATION: 02 PIER J BETWEEN BERTHS 244 & 245

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O2 PPM	PH	TURBIDITY %
00	0.0	17.70	63.86	33.20	7.30	8.30	76.50
01	3.28	17.70	63.86	33.30	7.40	8.30	75.00
02	6.56	17.70	63.86	33.40	7.50	8.30	75.50
03	9.84	17.50	63.50	33.60	7.20	8.20	75.50
04	13.12	17.00	62.60	33.60	6.90	8.21	76.50
05	16.40	16.60	61.88	33.60	6.60	8.21	76.00
06	19.68	16.40	61.52	33.60	6.50	8.20	76.00
07	22.96	16.30	61.34	33.60	6.40	8.19	76.00
08	26.24	16.00	60.80	33.60	6.30	8.16	75.50
09	29.52	15.60	60.08	33.70	5.70	8.12	76.00
10	32.80	15.40	59.72	33.70	5.60	8.11	76.00
11	36.08	15.00	59.00	33.70	5.60	8.09	75.00
12	39.36	15.00	59.00	33.70	5.50	8.09	76.00
13	42.64	14.90	58.82	33.70	5.50	8.08	76.50
14	45.92	14.60	58.28	33.70	5.50	8.05	77.00
15	49.20	14.40	57.92	33.70	4.60	8.00	78.00

DATE: JULY 1973

STATION: 02 PIER J BETWEEN BERTHS 244 & 245

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O2 PPM	PH	TURBIDITY %
00	0.0	19.00	66.20	33.30	7.10	8.10	-1.00
01	3.28	18.80	65.84	33.60	7.10	8.08	-1.00
02	6.56	18.60	65.48	33.50	6.80	8.08	-1.00
03	9.84	18.40	65.12	33.50	6.40	8.06	-1.00
04	13.12	18.20	64.76	33.50	6.60	8.06	-1.00
05	16.40	17.80	64.04	33.60	6.60	8.04	-1.00
06	19.68	17.60	63.68	33.50	6.20	8.01	-1.00
07	22.96	17.50	63.50	33.60	5.90	8.01	-1.00
08	26.24	17.10	62.78	33.60	5.70	8.00	-1.00
09	29.52	16.60	61.88	33.60	5.40	7.98	-1.00
10	32.80	16.20	61.16	33.70	5.10	7.94	-1.00
11	36.08	15.80	60.44	33.70	4.70	7.90	-1.00
12	39.36	15.40	59.72	33.60	5.00	7.91	-1.00
13	42.64	15.20	59.36	33.70	5.00	7.91	-1.00
14	45.92	14.80	58.64	33.60	5.20	7.86	-1.00
15	49.20	14.70	58.46	33.50	4.90	7.85	-1.00

DATE: AUGUST 1973

STATION: 02 PIER J BETWEEN BERTHS 244 & 245

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O2 PPM	PH	TURBIDITY %
00	0.0	19.00	66.20	33.50	8.10	8.21	-1.00
01	3.28	19.00	66.20	33.30	8.20	8.22	-1.00
02	6.56	18.80	65.84	33.30	8.60	8.22	-1.00
03	9.84	18.60	65.48	33.30	8.20	8.21	-1.00
04	13.12	17.90	64.22	33.50	8.40	8.22	-1.00
05	16.40	17.30	63.14	33.50	7.40	8.14	-1.00
06	19.68	16.80	62.24	33.40	7.30	8.14	-1.00
07	22.96	16.20	61.16	33.40	6.70	8.08	-1.00
08	26.24	15.80	60.44	33.40	6.50	8.06	-1.00
09	29.52	15.70	60.26	33.40	6.20	8.04	-1.00
10	32.80	15.20	59.36	33.50	5.70	7.98	-1.00
11	36.08	15.20	59.36	33.40	5.60	7.98	-1.00
12	39.36	15.00	59.00	33.40	5.50	7.96	-1.00
13	42.64	15.00	59.00	33.40	5.20	7.94	-1.00
14	45.92	14.80	58.64	33.40	5.00	7.92	-1.00
15	49.20	14.60	58.28	33.40	4.80	7.89	-1.00
16	52.48	14.40	57.92	33.40	3.80	7.82	-1.00

DATE: SEPTEMBER 1973

STATION: 02 PIER J BETWEEN BERTHS 244 & 245

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O2 PPM	PH	TURBIDITY %
00	0.0	18.20	64.76	33.20	10.00	-1.00	36.00
01	3.28	18.20	64.76	33.20	9.50	-1.00	43.00
02	6.56	18.10	64.58	33.30	9.30	-1.00	75.50
03	9.84	17.80	64.04	33.40	8.10	-1.00	82.50
04	13.12	17.70	63.86	33.40	8.10	-1.00	83.00
05	16.40	17.50	63.50	33.30	8.10	-1.00	85.00
06	19.68	17.40	63.32	33.40	8.60	-1.00	84.00
07	22.96	17.20	62.96	33.40	7.90	-1.00	81.00
08	26.24	17.00	62.60	33.30	8.00	-1.00	80.00
09	29.52	16.80	62.24	33.40	7.50	-1.00	84.00
10	32.80	16.60	62.24	33.40	7.20	-1.00	84.50
11	36.08	16.60	61.88	33.40	7.50	-1.00	84.00
12	39.36	16.40	61.70	33.40	7.20	-1.00	84.00
13	42.64	16.40	61.52	33.30	7.60	-1.00	86.00
14	45.92	16.40	61.52	33.30	7.60	-1.00	86.00
15	49.20	16.10	61.34	33.40	6.90	-1.00	77.50
16	52.48	15.50	59.90	33.50	5.40	-1.00	-1.00

DATE: OCTOBER 1973

STATION: 02 PIER J BETWEEN BERTHS 244 & 245

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O2 PPM	PH	TURBIDITY %
00	0.0	17.40	63.32	33.20	8.00	8.23	82.00
01	3.28	17.20	62.96	33.30	7.80	8.24	82.50
02	6.56	17.00	62.60	33.30	7.40	8.20	76.00
03	9.84	16.90	62.42	33.30	7.20	8.20	81.50
04	13.12	16.80	62.24	33.30	7.30	8.20	82.00
05	16.40	16.70	62.06	33.30	6.80	8.20	84.00
06	19.68	16.60	61.88	33.70	6.70	8.19	84.00
07	22.96	16.40	61.52	33.30	6.30	8.16	84.00
08	26.24	16.40	61.52	33.30	6.40	8.18	85.00
09	29.52	15.90	60.62	33.40	6.10	8.14	85.50
10	32.80	15.80	60.44	33.50	6.20	8.14	83.00
11	36.08	15.40	59.72	33.50	6.20	8.15	81.50
12	39.36	15.30	59.54	33.50	5.90	8.14	81.00
13	42.64	15.10	59.18	33.50	5.80	8.15	74.50
14	45.92	15.10	59.18	33.40	6.30	8.16	76.00
15	49.20	15.00	59.00	33.40	5.90	8.10	73.00

MISSING DATA VALUE IS -1.0



DATE: NOVEMBER 1974

STATION: 30 - BIER J. BETWEEN BERTHS 244 & 245

DEPTH METERS	TEMPERATURE °C	SALINITY PPT	SI-02 PPM	PH	TURBIDITY N. UNITS
00	15.10	59.14	33.40	8.20	71.00
01	15.10	59.18	33.40	8.40	81.50
02	15.10	59.14	33.40	8.50	81.00
03	15.10	59.14	33.40	8.60	82.5
04	15.10	59.07	33.40	8.70	83.50
05	15.10	59.04	33.40	8.80	84.50
06	15.10	59.04	33.40	8.80	86.00
07	15.10	59.10	33.40	8.80	87.00
08	15.10	59.02	33.40	8.80	87.50
09	15.10	59.01	33.40	8.80	88.00
10	15.10	59.04	33.40	8.80	88.50
11	15.10	59.05	33.40	8.80	89.00
12	15.10	59.06	33.40	8.80	89.50
13	15.10	59.14	33.40	8.80	90.00
14	15.10	59.20	33.40	8.80	90.50
15	15.10	59.20	33.40	8.80	91.00
16	15.10	59.02	33.40	8.80	91.50

DATE: JANUARY 1976

STATION: 30 - BIER J. BETWEEN BERTHS 244 & 245

DEPTH METERS	TEMPERATURE °C	SALINITY PPT	SI-02 PPM	PH	TURBIDITY N. UNITS
00	15.20	59.40	33.40	7.60	71.50
01	15.20	59.40	33.40	7.60	72.50
02	15.20	59.40	33.40	7.60	73.00
03	15.20	59.40	33.40	7.60	73.50
04	15.20	59.40	33.40	7.60	74.00
05	15.20	59.40	33.40	7.60	74.50
06	15.20	59.40	33.40	7.60	75.00
07	15.20	59.40	33.40	7.60	75.50
08	15.20	59.40	33.40	7.60	76.00
09	15.20	59.40	33.40	7.60	76.50
10	15.20	59.40	33.40	7.60	77.00
11	15.20	59.40	33.40	7.60	77.50
12	15.20	59.40	33.40	7.60	78.00
13	15.20	59.40	33.40	7.60	78.50
14	15.20	59.40	33.40	7.60	79.00
15	15.20	59.40	33.40	7.60	79.50
16	15.20	59.40	33.40	7.60	80.00

DATE: FEBRUARY 1976

STATION: 30 - BIER J. BETWEEN BERTHS 244 & 245

DEPTH METERS	TEMPERATURE °C	SALINITY PPT	SI-02 PPM	PH	TURBIDITY N. UNITS
00	15.20	59.76	33.40	8.40	81.00
01	15.20	59.76	33.40	8.40	81.00
02	15.20	59.76	33.40	8.40	81.00
03	15.20	59.76	33.40	8.40	81.00
04	15.20	59.76	33.40	8.40	81.00
05	15.20	59.76	33.40	8.40	81.00
06	15.20	59.76	33.40	8.40	81.00
07	15.20	59.76	33.40	8.40	81.00
08	15.20	59.76	33.40	8.40	81.00
09	15.20	59.76	33.40	8.40	81.00
10	15.20	59.76	33.40	8.40	81.00
11	15.20	59.76	33.40	8.40	81.00
12	15.20	59.76	33.40	8.40	81.00
13	15.20	59.76	33.40	8.40	81.00
14	15.20	59.76	33.40	8.40	81.00
15	15.20	59.76	33.40	8.40	81.00
16	15.20	59.76	33.40	8.40	81.00
17	15.20	59.76	33.40	8.40	81.00

DATE: MARCH 1976

STATION: 30 - BIER J. BETWEEN BERTHS 244 & 245

DEPTH METERS	TEMPERATURE °C	SALINITY PPT	SI-02 PPM	PH	TURBIDITY N. UNITS
00	15.20	59.28	33.40	8.20	65.00
01	15.20	59.10	33.40	8.10	78.00
02	15.20	59.24	33.40	8.30	77.50
03	15.20	59.38	33.40	8.40	76.50
04	15.20	59.02	33.40	7.70	73.50
05	15.20	59.06	33.40	7.80	76.00
06	15.20	59.08	33.40	7.90	78.00
07	15.20	59.30	33.40	7.90	71.50
08	15.20	59.30	33.40	7.90	73.00
09	15.20	59.30	33.40	7.90	73.00
10	15.20	59.30	33.40	7.90	73.00
11	15.20	59.30	33.40	7.90	73.00
12	15.20	59.30	33.40	7.90	73.00
13	15.20	59.30	33.40	7.90	73.00
14	15.20	59.30	33.40	7.90	73.00
15	15.20	59.30	33.40	7.90	73.00
16	15.20	59.30	33.40	7.90	73.00
17	15.20	59.30	33.40	7.90	73.00

MISSING DATA VALUE: 0.0

DATE: APRIL 1974

STATION: 01 PIER J BETWEEN BERTHS 244 & 245

DATE: JULY 1974

STATION: 02 PIER J BETWEEN BERTHS 244 & 245

DEPTH METERS	DEPTH FEET	TEMPERATURE °C	TEMPERATURE °F	SALINITY ‰	σ <sub>t</sub> 2000	σ <sub>t</sub> 0-20	PH	TURBIDITY %
00	0.0	14.00	57.20	33.40	7.40	-1.00	-1.00	
01	3.29	14.90	58.82	33.40	7.80	-1.00	-1.00	
02	6.58	14.80	58.64	33.60	7.60	-1.00	-1.00	
03	9.87	14.70	58.46	33.70	7.60	-1.00	-1.00	
04	13.16	14.60	58.30	33.60	7.50	-1.00	-1.00	
05	16.45	14.40	57.92	33.70	7.20	-1.00	-1.00	
06	19.74	14.30	57.74	33.70	7.20	-1.00	-1.00	
07	23.03	14.10	57.38	33.80	7.10	-1.00	-1.00	
08	26.32	13.80	56.44	34.10	7.00	-1.00	-1.00	
09	29.61	13.20	55.76	33.90	6.80	-1.00	-1.00	
10	32.90	12.80	55.04	34.10	6.80	-1.00	-1.00	
11	36.19	12.50	54.50	34.00	6.70	-1.00	-1.00	
12	39.48	12.30	54.14	34.00	6.60	-1.00	-1.00	
13	42.77	12.20	53.96	33.80	6.70	-1.00	-1.00	
14	46.06	12.00	53.60	33.90	6.10	-1.00	-1.00	

DATE: MAY 1974

STATION: 02 PIER J BETWEEN BERTHS 244 & 245

DEPTH METERS	DEPTH FEET	TEMPERATURE °C	TEMPERATURE °F	SALINITY ‰	σ <sub>t</sub> 2000	σ <sub>t</sub> 0-20	PH	TURBIDITY %
00	0.0	15.40	59.72	31.80	6.00	7.30	70.50	
01	3.29	15.40	59.54	31.80	6.10	7.30	68.50	
02	6.58	15.00	59.00	31.80	6.20	7.10	66.50	
03	9.87	14.90	58.82	31.80	6.20	7.10	66.00	
04	13.16	14.50	58.30	31.80	6.20	7.10	65.00	
05	16.45	14.80	58.64	31.80	6.60	7.10	65.00	
06	19.74	14.70	58.46	31.80	6.00	7.10	61.00	
07	23.03	14.50	58.10	31.80	6.70	7.10	58.00	
08	26.32	14.50	58.10	31.80	6.70	7.10	58.00	
09	29.61	14.30	57.74	31.80	6.00	7.10	51.00	
10	32.90	14.20	57.56	31.90	6.60	7.10	52.00	
11	36.19	14.00	57.30	31.90	6.80	7.10	54.00	
12	39.48	14.00	57.20	31.90	6.00	7.10	54.00	
13	42.77	13.90	57.02	31.90	6.90	7.10	56.00	
14	46.06	13.80	56.84	31.90	6.40	7.10	57.00	
15	49.35	13.50	56.04	31.90	4.40	7.10	-1.00	

\* Possible probe malfunction

DATE: JUNE 1974

STATION: 03 PIER J BETWEEN BERTHS 244 & 245

DEPTH METERS	DEPTH FEET	TEMPERATURE °C	TEMPERATURE °F	SALINITY ‰	σ <sub>t</sub> 2000	σ <sub>t</sub> 0-20	PH	TURBIDITY %
00	0.0	18.20	64.76	30.80	12.10	-1.00	54.50	
01	3.29	18.20	64.76	30.80	11.50	-1.00	61.50	
02	6.58	18.10	64.58	30.90	13.00	-1.00	61.50	
03	9.87	18.10	64.58	30.90	9.50	-1.00	67.50	
04	13.16	17.90	64.22	31.30	7.40	-1.00	70.00	
05	16.45	18.50	62.74	31.10	6.10	-1.00	71.00	
06	19.74	17.50	63.50	31.10	9.60	-1.00	74.00	
07	23.03	16.10	60.98	31.30	7.70	-1.00	68.00	
08	26.32	15.80	60.44	31.40	7.10	-1.00	69.50	
09	29.61	15.40	59.72	31.30	6.90	-1.00	75.00	
10	32.90	15.10	59.38	31.40	6.90	-1.00	76.50	
11	36.19	15.00	59.50	31.50	6.60	-1.00	70.50	
12	39.48	15.00	59.50	31.50	6.70	-1.00	71.50	
13	42.77	14.90	59.42	31.60	6.10	-1.00	70.50	
14	46.06	14.80	59.62	31.60	6.10	-1.00	80.50	
15	49.35	14.50	58.04	31.60	6.80	-1.00	-1.00	

\* Possible probe malfunction

DEPTH METERS	DEPTH FEET	TEMPERATURE °C	TEMPERATURE °F	SALINITY ‰	σ <sub>t</sub> 2000	σ <sub>t</sub> 0-20	PH	TURBIDITY %
0	0.0	18.50	65.30	-1.00	6.70	-1.00	63.00	
1	3.29	18.50	65.30	-1.00	6.70	-1.00	66.00	
2	6.58	18.50	65.30	-1.00	10.00	-1.00	67.50	
3	9.87	17.90	64.22	-1.00	6.00	-1.00	69.50	
4	13.16	17.30	63.14	-1.00	7.20	-1.00	66.50	
5	16.45	18.40	62.74	-1.00	6.80	-1.00	66.00	
6	19.74	18.90	61.70	-1.00	9.40	-1.00	66.50	
7	23.03	17.10	62.78	-1.00	6.70	-1.00	65.00	
8	26.32	16.10	60.98	-1.00	5.40	-1.00	62.50	
9	29.61	15.90	60.62	-1.00	5.50	-1.00	62.50	
10	32.90	15.40	59.72	-1.00	5.40	-1.00	62.50	
11	36.19	15.70	60.26	-1.00	6.30	-1.00	62.00	
12	39.48	15.30	59.54	-1.00	5.20	-1.00	58.50	
13	42.77	15.00	59.00	-1.00	5.00	-1.00	60.00	
14	46.06	14.90	58.82	-1.00	4.60	-1.00	62.00	
15	49.35	14.60	58.28	-1.00	4.40	-1.00	-1.00	
16	52.64	14.50	58.10	-1.00	2.10	-1.00	-1.00	

DATE: AUGUST 1974

STATION: 02 PIER J BETWEEN BERTHS 244 & 245

DEPTH METERS	DEPTH FEET	TEMPERATURE °C	TEMPERATURE °F	SALINITY ‰	σ <sub>t</sub> 2000	σ <sub>t</sub> 0-20	PH	TURBIDITY %
00	0.0	19.00	66.20	33.00	9.20	-1.00	51.00	
01	3.29	19.30	66.74	33.00	6.80	-1.00	66.00	
02	6.58	19.10	66.38	33.00	7.90	-1.00	67.00	
03	9.87	18.90	66.02	32.90	7.20	-1.00	69.50	
04	13.16	18.50	65.30	33.00	6.40	-1.00	66.50	
05	16.45	18.00	64.40	33.20	5.80	-1.00	64.50	
06	19.74	18.00	64.40	33.20	5.80	-1.00	64.50	
07	23.03	17.80	64.04	33.30	5.60	-1.00	61.00	
08	26.32	17.50	63.50	33.10	5.20	-1.00	60.00	
09	29.61	17.20	62.96	33.20	5.00	-1.00	56.50	
10	32.90	17.00	62.60	33.40	4.80	-1.00	59.00	
11	36.19	16.90	62.42	33.40	4.70	-1.00	56.00	
12	39.48	16.80	62.24	33.40	4.60	-1.00	54.00	
13	42.77	16.70	62.06	33.40	4.40	-1.00	56.50	
14	46.06	16.70	62.06	33.10	4.20	-1.00	49.50	
15	49.35	16.50	61.30	33.30	4.70	-1.00	61.00	
16	52.64	16.40	61.32	33.40	2.30	-1.00	-1.00	

STATION: DATE: VALUE: IS -1.0

DATE: SEPTEMBER 1974

STATION: 52 PIER J BETWEEN BERTHS 244 & 245

DEPTH METERS	FATHOMS	TEMPERATURE C	TEMPERATURE F	SALINITY PPT	CHLORIDE PPM	PH	TURBIDITY NTU
00	0.0	19.30	66.74	33.40	5.50	8.26	61.00
01	3.29	19.20	66.56	33.40	4.50	8.00	55.00
02	6.58	19.10	66.38	33.50	4.63	7.97	62.00
03	9.87	19.00	65.60	33.60	3.80	7.89	66.00
04	13.16	18.90	65.12	33.60	4.20	7.82	68.00
05	16.45	18.80	65.12	33.50	2.80	7.76	67.00
06	19.74	18.70	64.86	33.50	2.50	7.73	66.00
07	23.03	18.60	64.80	33.50	2.60	7.74	68.00
08	26.32	18.50	64.90	33.60	2.50	7.70	63.50
09	29.61	18.40	63.14	33.60	2.60	7.70	67.50
10	32.90	18.30	62.24	33.40	2.40	7.66	60.00
11	36.19	18.20	61.52	33.80	2.20	7.66	60.00
12	39.48	18.10	61.54	33.60	2.00	7.65	61.00
13	42.77	18.00	60.62	33.90	1.70	7.59	34.50
14	46.06	18.00	59.90	33.90	1.60	7.54	33.00
15	49.35	18.00	59.72	33.60	1.10	7.52	25.00

DATE: NOVEMBER 1974

STATION: 52 PIER J BETWEEN BERTHS 244 & 245

DEPTH METERS	FATHOMS	TEMPERATURE C	TEMPERATURE F	SALINITY PPT	CHLORIDE PPM	PH	TURBIDITY NTU
00	0.0	15.00	59.00	33.50	8.20	8.09	77.00
01	3.29	15.00	59.00	33.60	8.20	8.09	76.50
02	6.58	14.90	58.82	33.70	8.10	8.09	75.50
03	9.87	14.80	58.64	33.70	7.40	8.05	74.00
04	13.16	14.70	58.46	33.70	7.40	8.05	73.00
05	16.45	14.60	58.28	33.70	7.80	8.04	72.00
06	19.74	14.50	58.28	33.70	8.00	8.04	72.00
07	23.03	14.40	58.28	33.70	7.70	8.07	71.50
08	26.32	14.30	58.28	33.70	7.50	8.07	71.50
09	29.61	14.20	58.28	33.70	7.90	8.07	64.50
10	32.90	14.10	58.28	33.70	7.50	8.08	61.50
11	36.19	14.00	58.28	33.70	7.80	8.09	63.00
12	39.48	14.00	58.28	33.70	8.10	8.09	60.00
13	42.77	14.00	58.10	33.70	8.10	8.08	58.00
14	46.06	14.00	58.10	33.70	7.40	8.08	34.00

DATE: DECEMBER 1974

STATION: 52 PIER J BETWEEN BERTHS 244 & 245

DATE: OCTOBER 1974

STATION: 52 PIER J BETWEEN BERTHS 244 & 245

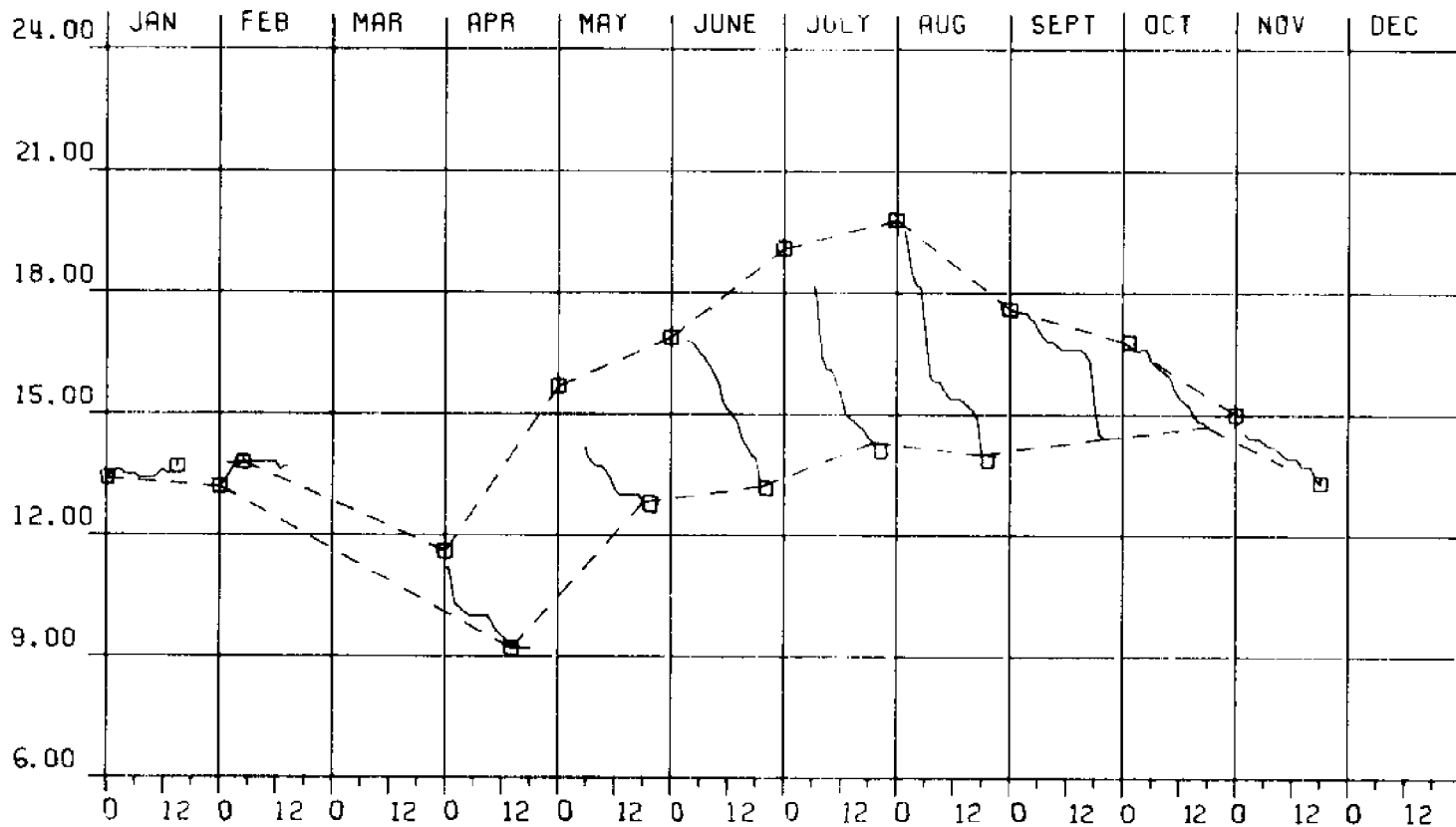
DEPTH METERS	FATHOMS	TEMPERATURE C	TEMPERATURE F	SALINITY PPT	CHLORIDE PPM	PH	TURBIDITY NTU
00	0.0	15.80	60.44	33.50	7.50	8.11	69.50
01	3.29	15.70	59.90	33.60	7.40	7.95	75.00
02	6.58	15.60	59.36	33.60	7.10	7.92	72.00
03	9.87	15.50	59.18	33.50	6.60	7.94	66.00
04	13.16	15.40	59.00	33.50	6.50	8.01	60.00
05	16.45	15.30	58.82	33.60	6.40	8.03	65.00
06	19.74	15.20	58.82	33.50	6.40	8.04	62.50
07	23.03	15.10	58.82	33.50	6.20	8.04	60.50
08	26.32	15.00	58.82	33.50	6.30	8.05	58.50
09	29.61	14.90	58.82	33.50	6.20	8.05	59.00
10	32.90	14.80	58.64	33.50	6.00	8.05	52.00
11	36.19	14.70	58.46	33.50	6.00	8.05	51.50
12	39.48	14.60	58.46	33.50	6.00	8.05	54.00
13	42.77	14.50	58.28	33.60	6.10	8.05	56.50
14	46.06	14.50	58.28	33.50	6.60	8.04	51.50
15	49.35	14.40	57.92	33.60	6.50	7.97	5.00

MISSING DATA VALUE IS -1.0

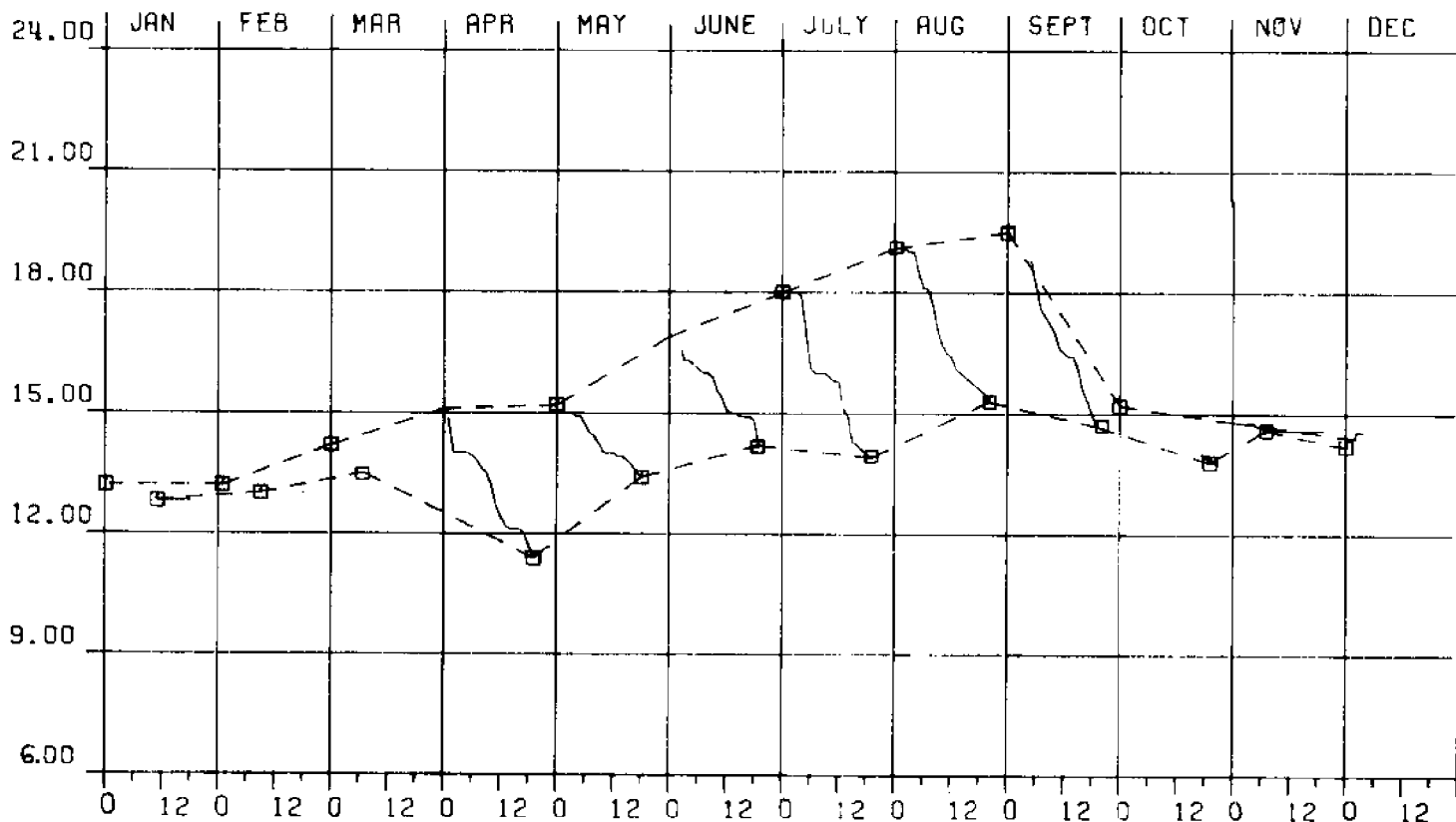
DEPTH METERS	FATHOMS	TEMPERATURE C	TEMPERATURE F	SALINITY PPT	CHLORIDE PPM	PH	TURBIDITY NTU
00	0.0	14.40	57.92	33.20	9.40	8.47	55.00
01	3.29	14.30	57.54	33.20	9.40	8.44	62.00
02	6.58	14.20	57.36	33.30	9.30	8.44	63.00
03	9.87	14.10	57.36	33.30	9.40	8.47	60.00
04	13.16	14.00	57.36	33.30	8.20	8.44	63.00
05	16.45	14.00	57.36	33.40	8.10	8.44	63.00
06	19.74	14.00	57.36	33.40	8.10	8.45	63.50
07	23.03	14.00	57.36	33.40	8.40	8.46	63.50
08	26.32	14.00	57.36	33.40	8.50	8.46	64.00
09	29.61	14.00	57.36	33.40	8.60	8.47	64.50
10	32.90	14.00	57.36	33.40	8.60	8.47	60.50
11	36.19	14.00	57.36	33.40	8.60	8.47	61.50
12	39.48	14.00	57.36	33.50	8.60	8.44	61.00
13	42.77	14.00	57.36	33.50	8.70	8.46	60.00
14	46.06	14.00	57.36	33.50	8.60	8.46	61.50
15	49.35	14.00	57.36	33.50	8.60	8.44	61.00
16	52.64	14.00	57.36	33.50	8.60	8.44	61.00

MISSING DATA VALUE IS -1.0

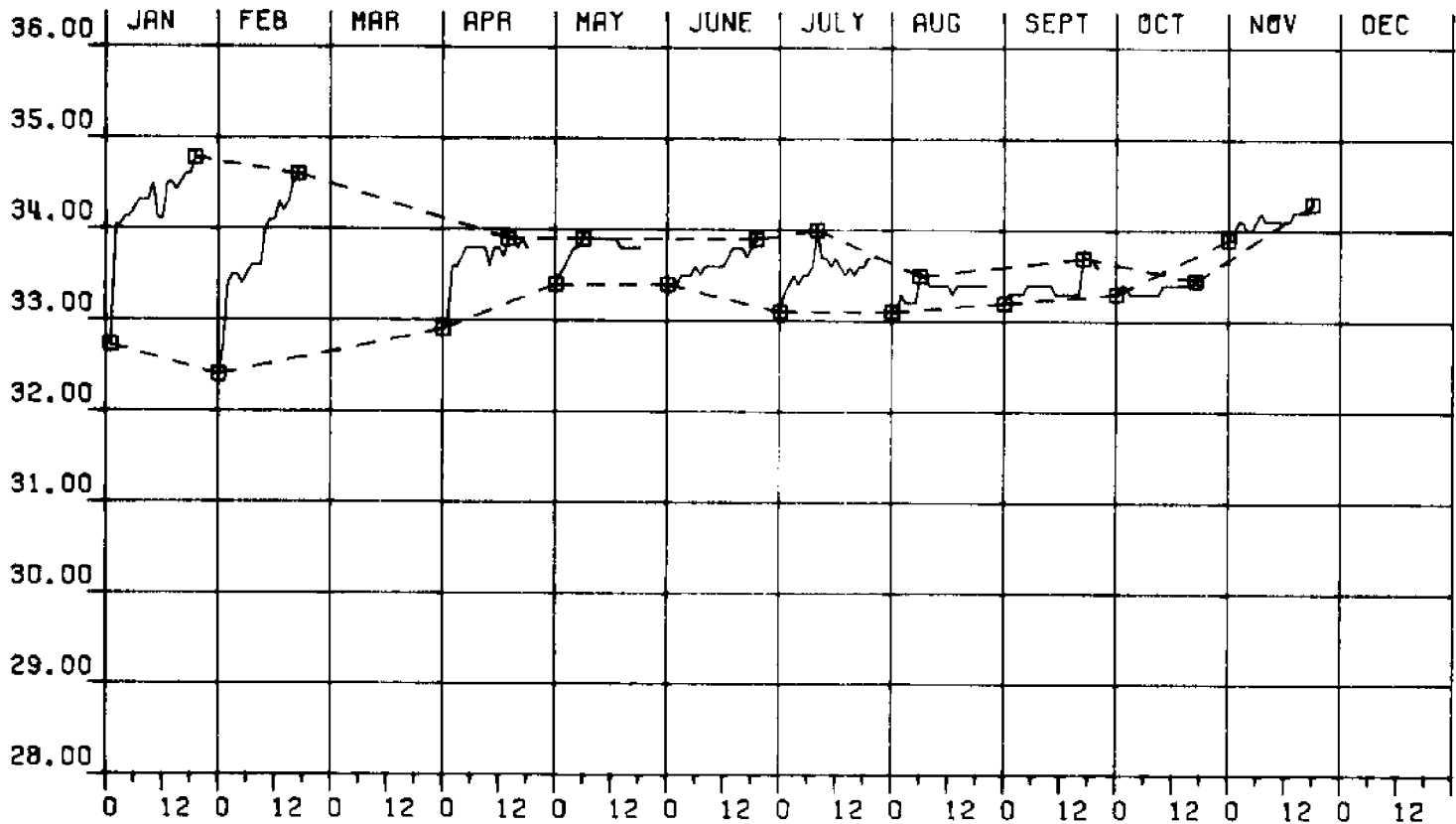
B3 LB "A" BUOY  
 DATE: 1973  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. TEMPERATURE CELSIUS



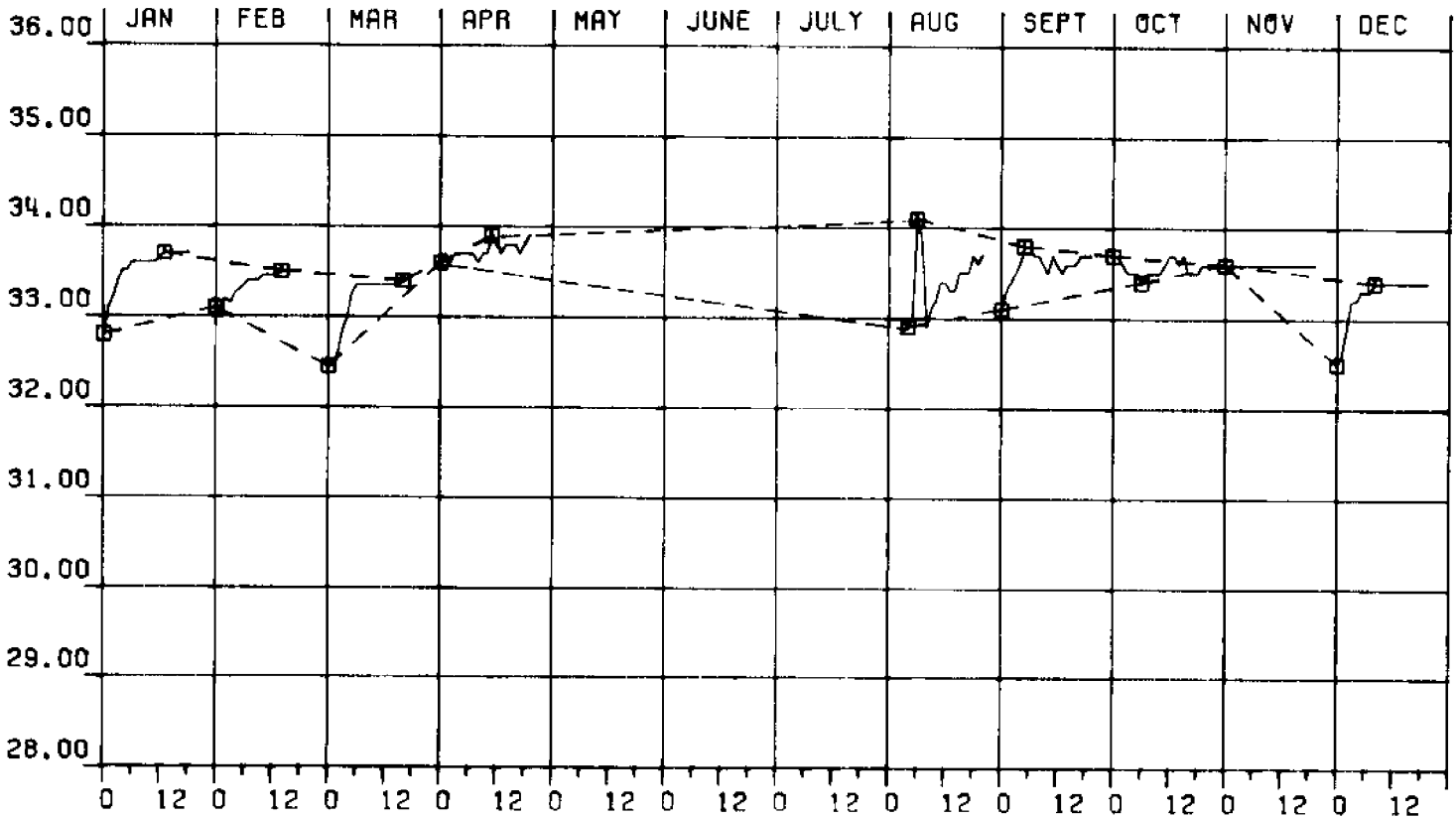
B3 LB "A" BUOY  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. TEMPERATURE CELSIUS



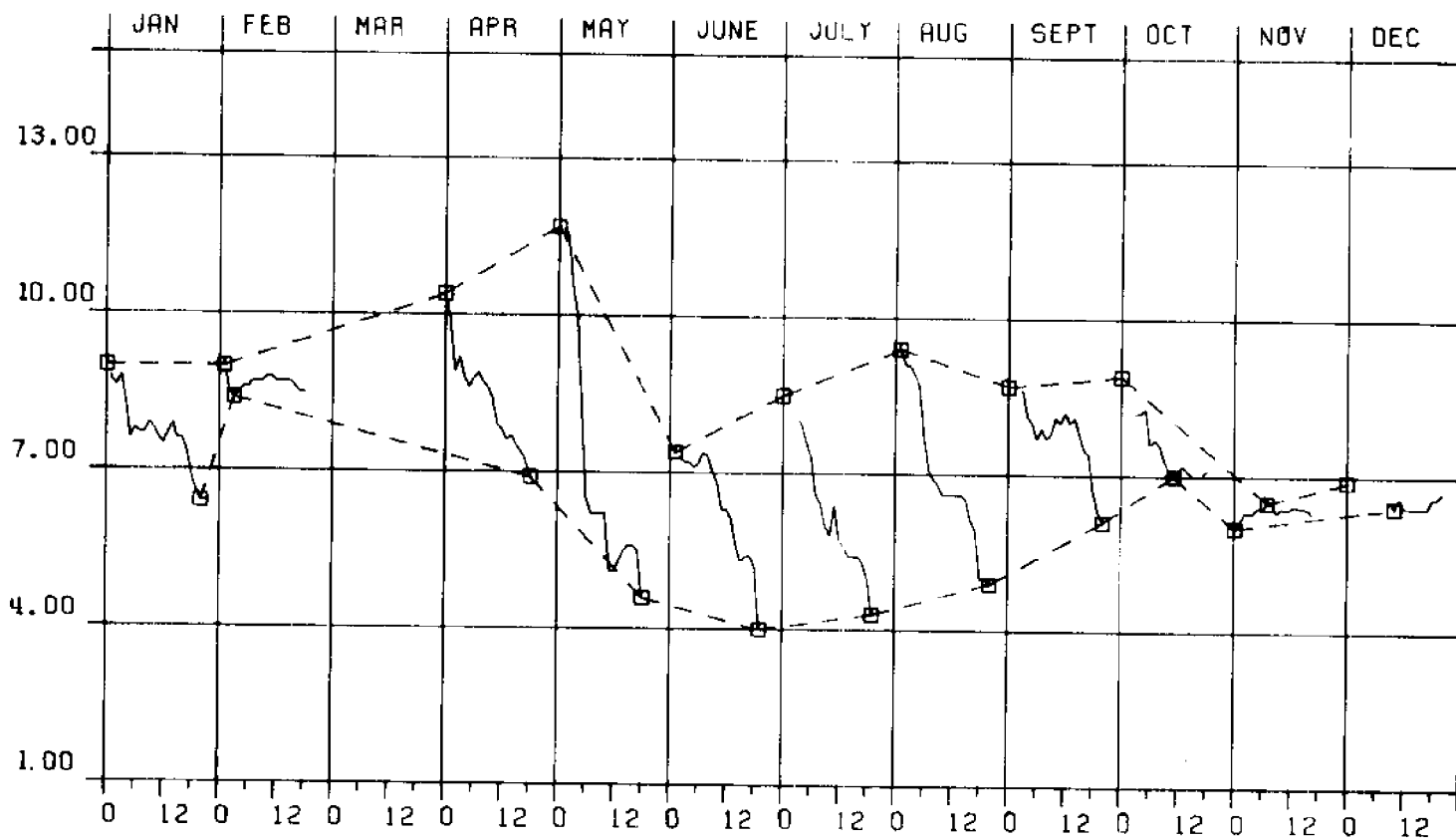
B3 LB "A" BUOY  
 DATE: 1973  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. SALINITY PPT



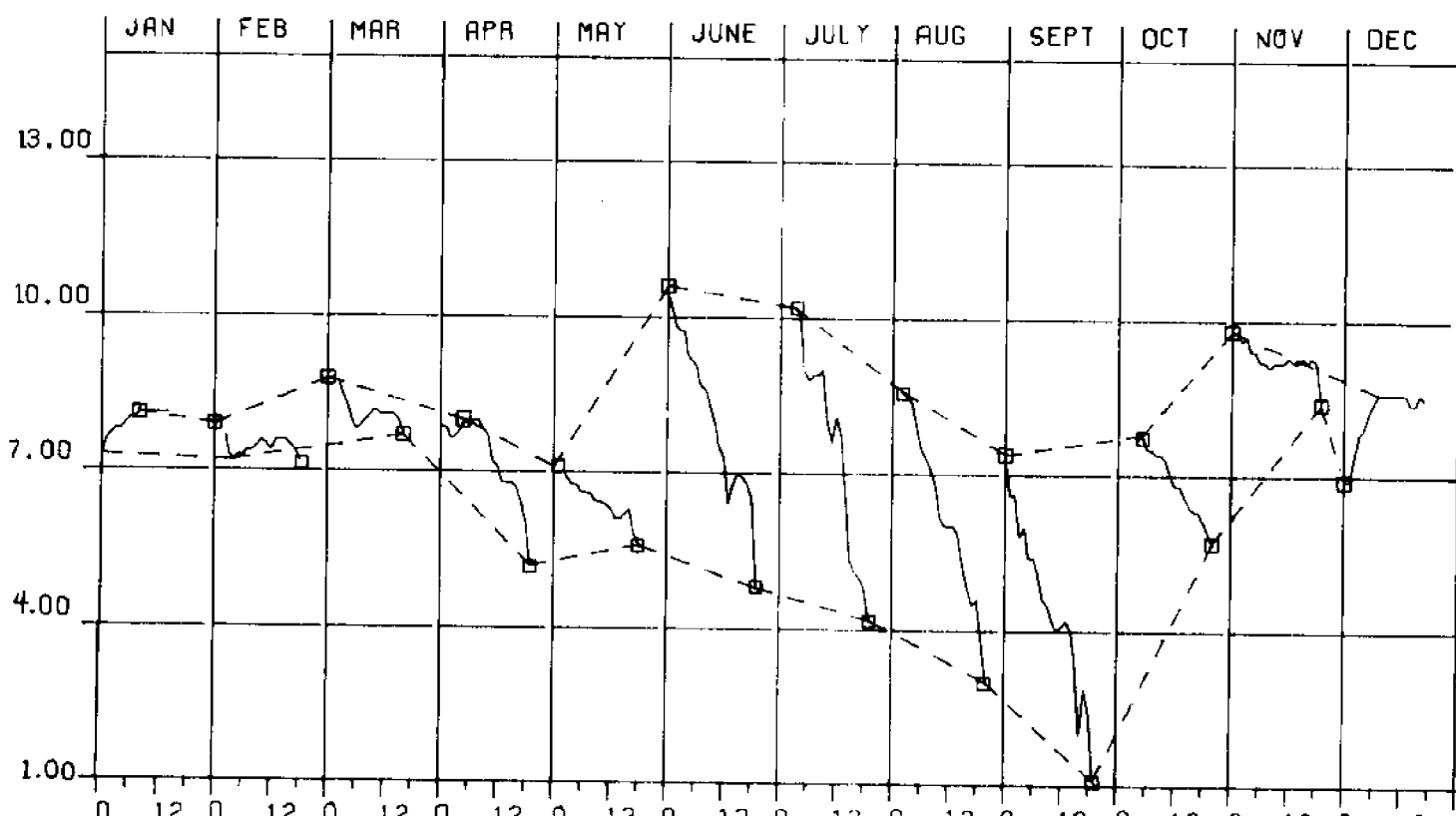
B3 LB "A" BUOY  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. SALINITY PPT



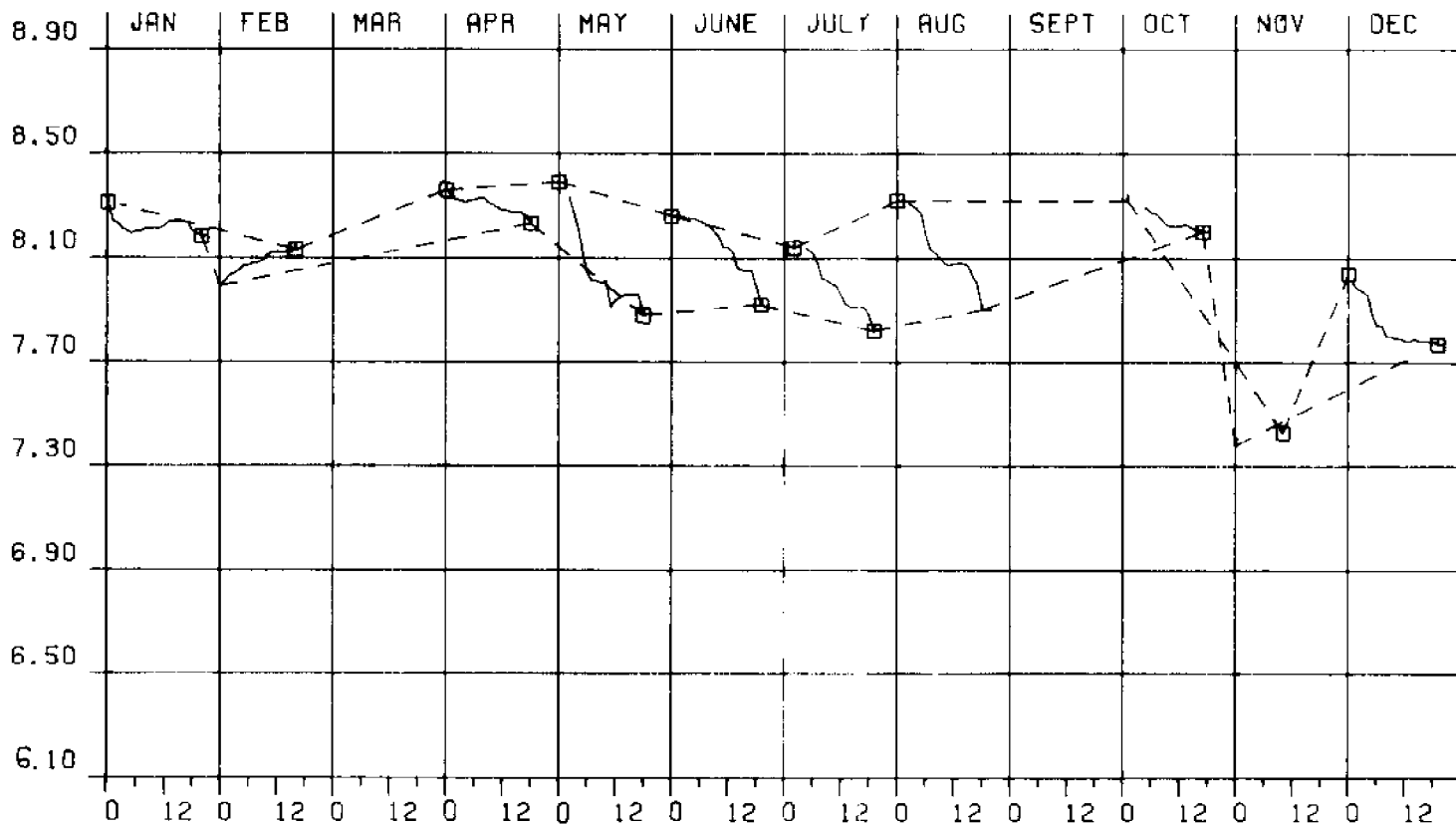
B3 LB "A" BUOY  
 DATE: 1973  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. DISSOLVED OXYGEN PPM



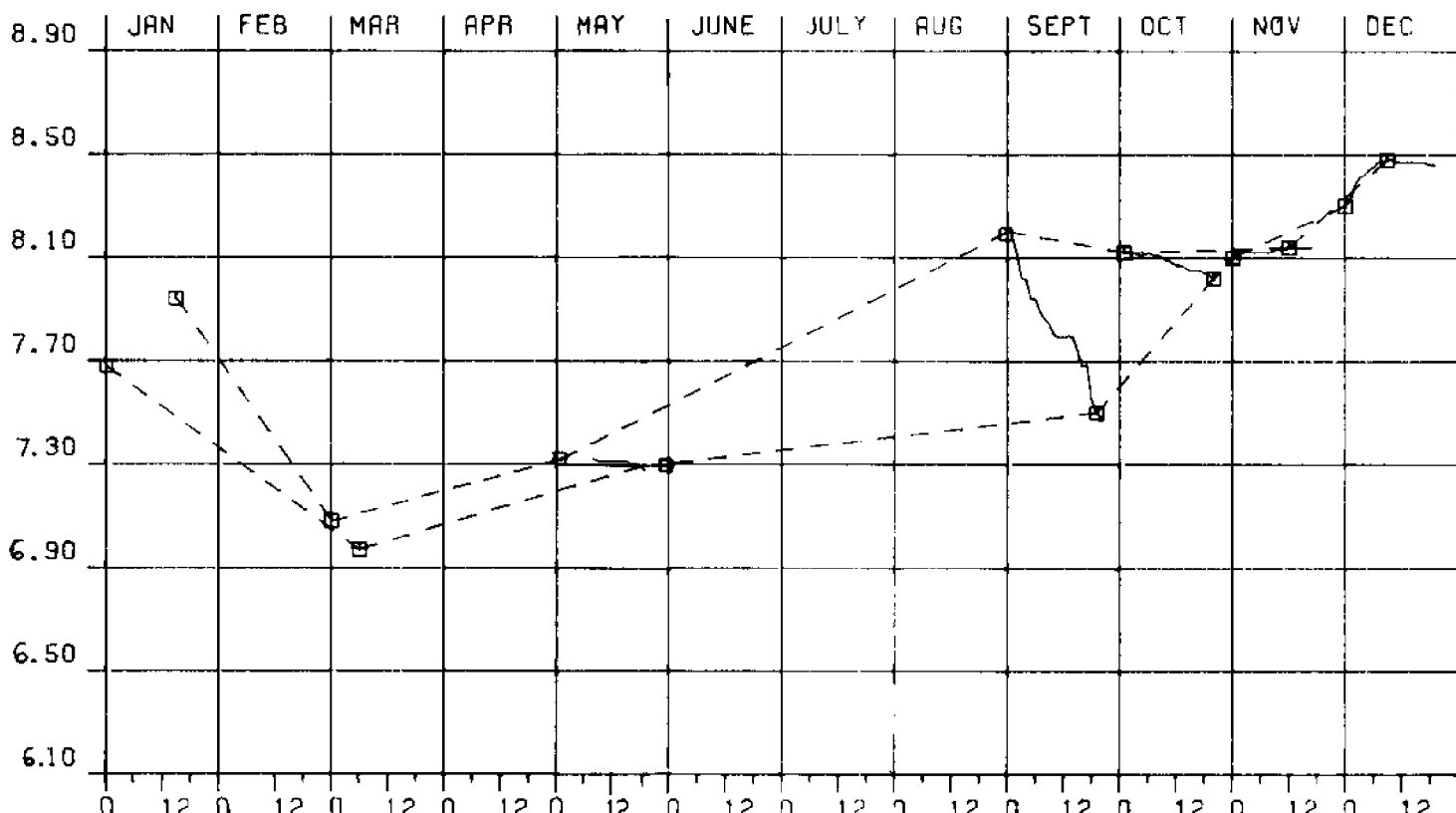
B3 LB "A" BUOY  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. DISSOLVED OXYGEN PPM



B3 LB "A" BUOY  
 DATE: 1973  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. PH H ION CONC



B3 LB "A" BUOY  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. PH H ION CONC



DATE: JANUARY 1973  
 STATION: 83 LB "A" BUOY

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY 0/00	D.O2 PPM	PH	TURBIDITY %
00	0.0	13.40	56.12	32.40	9.40	8.22	-1.00
01	3.28	13.20	55.76	32.90	9.50	8.22	-1.00
02	6.56	13.30	55.94	32.90	9.40	8.22	-1.00
03	9.84	13.10	55.58	33.10	9.40	8.22	-1.00
04	13.12	13.10	55.58	33.10	9.40	8.22	-1.00
05	16.40	13.10	55.58	33.10	9.50	8.22	-1.00
06	19.68	13.10	55.58	33.10	9.50	8.22	-1.00
07	22.96	13.00	55.40	33.20	9.50	8.22	-1.00
08	26.24	13.00	55.40	33.20	9.50	8.22	-1.00
09	29.52	13.00	55.40	33.20	9.40	8.22	-1.00
10	32.80	13.00	55.40	33.20	9.20	8.21	-1.00
11	36.08	13.00	55.40	33.20	9.00	8.21	-1.00
12	39.36	13.00	55.40	33.20	8.90	8.21	-1.00
13	42.64	13.00	55.40	33.20	8.90	8.21	-1.00
14	45.92	13.00	55.40	33.20	8.90	8.21	-1.00
15	49.20	13.00	55.40	33.20	8.90	8.21	-1.00
16	52.48	13.00	55.40	33.30	8.90	8.21	-1.00
17	55.76	13.00	55.40	33.30	8.90	8.21	-1.00

DATE: MARCH 1973  
 STATION: 83 LB "A" BUOY

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY 0/00	D.O2 PPM	PH	TURBIDITY %
00	0.0	13.40	56.12	32.40	9.40	8.22	-1.00
01	3.28	13.20	55.76	32.90	9.50	8.22	-1.00
02	6.56	13.30	55.94	32.90	9.40	8.22	-1.00
03	9.84	13.10	55.58	33.10	9.40	8.22	-1.00
04	13.12	13.10	55.58	33.10	9.40	8.22	-1.00
05	16.40	13.10	55.58	33.10	9.50	8.22	-1.00
06	19.68	13.10	55.58	33.10	9.50	8.22	-1.00
07	22.96	13.00	55.40	33.20	9.50	8.22	-1.00
08	26.24	13.00	55.40	33.20	9.50	8.22	-1.00
09	29.52	13.00	55.40	33.20	9.40	8.22	-1.00
10	32.80	13.00	55.40	33.20	9.20	8.21	-1.00
11	36.08	13.00	55.40	33.20	9.00	8.21	-1.00
12	39.36	13.00	55.40	33.20	8.90	8.21	-1.00
13	42.64	13.00	55.40	33.20	8.90	8.21	-1.00
14	45.92	13.00	55.40	33.20	8.90	8.21	-1.00
15	49.20	13.00	55.40	33.20	8.90	8.21	-1.00
16	52.48	13.00	55.40	33.30	8.90	8.21	-1.00
17	55.76	13.00	55.40	33.30	8.90	8.21	-1.00

DATE: APRIL 1973  
 STATION: 83 LB "A" BUOY

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY 0/00	D.O2 PPM	PH	TURBIDITY %
00	0.0	13.60	56.48	32.40	10.40	8.36	99.99
01	3.28	13.40	56.12	32.90	9.30	8.34	99.99
02	6.56	13.30	55.94	33.40	8.90	8.38	99.99
03	9.84	13.20	55.76	33.90	9.20	8.30	99.99
04	13.12	13.10	55.58	33.70	8.80	8.31	99.99
05	16.40	13.00	55.40	33.60	8.60	8.32	99.99
06	19.68	13.00	55.40	33.60	8.80	8.32	99.99
07	22.96	13.00	55.40	33.80	8.90	8.33	99.99
08	26.24	13.00	55.40	33.80	8.70	8.33	99.99
09	29.52	13.00	55.40	33.80	8.60	8.31	99.99
10	32.80	13.00	55.40	33.80	8.40	8.30	99.99
11	36.08	13.00	55.40	33.60	8.43	8.30	99.99
12	39.36	13.00	55.40	33.60	8.40	8.29	99.99
13	42.64	13.00	55.40	33.60	8.43	8.29	99.99
14	45.92	13.00	55.40	33.60	8.40	8.29	99.99
15	49.20	13.00	55.40	33.60	8.40	8.29	99.99
16	52.48	13.00	55.40	33.60	8.40	8.29	99.99
17	55.76	13.00	55.40	33.60	8.40	8.29	99.99

MISSING DATA VALUE IS -1.00

DATE: FEBRUARY 1973  
 STATION: 83 LB "A" BUOY

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY 0/00	D.O2 PPM	PH	TURBIDITY %
00	0.0	12.40	54.32	32.40	8.90	7.99	-1.00
01	3.28	13.40	56.12	32.70	9.00	8.01	-1.00
02	6.56	13.50	56.30	33.40	8.50	8.03	-1.00
03	9.84	13.70	56.66	33.50	8.40	8.04	-1.00
04	13.12	13.70	56.66	33.50	8.30	8.05	-1.00
05	16.40	13.60	56.48	33.40	8.30	8.07	-1.00
06	19.68	13.40	56.12	33.50	8.60	8.07	-1.00
07	22.96	13.40	56.12	33.60	8.70	8.08	-1.00
08	26.24	13.60	56.48	33.70	8.70	8.08	-1.00
09	29.52	13.40	56.12	33.60	8.70	8.09	-1.00
10	32.80	13.40	56.12	33.60	8.90	8.11	-1.00
11	36.08	13.60	56.48	33.60	8.80	8.12	-1.00
12	39.36	13.40	56.12	33.60	8.70	8.12	-1.00
13	42.64	13.60	56.48	33.60	8.70	8.12	-1.00
14	45.92	13.70	56.66	33.20	8.70	8.12	-1.00
15	49.20	13.70	56.66	33.30	8.70	8.12	-1.00
16	52.48	13.60	56.48	33.40	8.60	8.13	-1.00
17	55.76	13.50	56.30	33.80	8.50	8.13	-1.00
18	59.04	13.50	56.30	33.60	8.50	8.13	-1.00

MISSING DATA VALUE IS -1.00



DATE: MAY 1973  
STATION: B3 LB HAM BUOY

DEPTH	TEMPERATURE	SALINITY	D.O2	PH	TURBIDITY		
METERS	FEET	C	F	PPT	PERM	M-ION CONC	%
00	0.0	15.70	60.26	33.40	11.70	8.39	95.00
01	3.28	15.50	60.08	33.50	11.70	8.36	95.00
02	6.56	15.50	59.90	33.60	11.50	8.34	90.00
03	9.84	15.40	59.72	33.70	10.59	8.28	90.00
04	13.12	15.20	59.36	33.80	10.00	8.21	90.00
05	16.40	14.80	58.64	33.80	8.20	8.13	90.00
06	19.68	14.00	57.20	33.90	6.50	8.04	94.00
07	22.96	13.80	56.84	33.90	6.20	8.01	94.00
08	26.24	13.70	56.66	33.90	6.20	8.01	94.00
09	29.52	13.70	56.66	33.90	6.20	8.00	94.00
10	32.80	13.60	56.48	33.90	6.20	8.01	94.00
11	36.08	13.40	56.12	33.90	5.10	7.91	-1.00
12	39.36	13.10	55.58	33.90	5.10	7.94	-1.00
13	42.64	13.00	55.40	33.90	5.30	7.95	-1.00
14	45.92	13.00	55.40	33.80	5.50	7.96	-1.00
15	49.20	13.00	55.40	33.80	5.60	7.96	-1.00
16	52.48	13.00	55.40	33.80	5.60	7.96	-1.00
17	55.76	13.00	55.40	33.80	5.50	7.96	-1.00
18	59.04	12.80	55.04	33.80	4.60	7.88	-1.00

DATE: JUNE 1973  
STATION: B3 LB HAM BUOY

DEPTH	TEMPERATURE	SALINITY	D.O2	PH	TURBIDITY		
METERS	FEET	C	F	PPT	PERM	M-ION CONC	%
00	0.0	16.90	62.42	33.40	7.20	8.25	74.00
01	3.28	16.90	62.42	33.40	7.40	8.26	75.00
02	6.56	16.90	62.42	33.40	7.30	8.26	76.50
03	9.84	16.80	62.24	33.50	7.20	8.25	77.00
04	13.12	16.80	62.24	33.50	7.20	8.25	77.00
05	16.40	16.70	62.06	33.50	7.10	8.25	77.00
06	19.68	16.50	61.70	33.60	7.20	8.24	77.00
07	22.96	16.40	61.52	33.50	7.40	8.23	77.00
08	26.24	16.20	61.16	33.60	7.30	8.22	76.00
09	29.52	16.00	60.80	33.60	7.00	8.20	76.00
10	32.80	15.80	60.44	33.60	6.80	8.18	75.00
11	36.08	15.30	59.54	33.60	6.30	8.14	72.50
12	39.36	15.10	59.18	33.60	6.30	8.14	71.00
13	42.64	15.00	59.00	33.70	6.10	8.12	69.00
14	45.92	14.80	58.64	33.80	5.60	8.05	71.00
15	49.20	14.40	57.92	33.80	5.30	8.05	73.00
16	52.48	14.70	57.56	33.80	5.40	8.05	74.50
17	55.76	14.00	57.20	33.70	5.40	8.05	73.00
18	59.04	13.90	57.02	33.80	5.20	7.99	70.50
19	62.32	13.20	55.76	33.90	4.60	7.92	69.50

MISSING DATA VALUE IS -1.0

DATE: JULY 1973  
STATION: B3 LB HAM BUOY

DEPTH	TEMPERATURE	SALINITY	D.O2	PH	TURBIDITY		
METERS	FEET	C	F	PPT	PERM	M-ION CONC	%
00	0.0	19.10	66.38	33.10	8.50	8.12	-1.00
01	3.28	19.00	66.20	33.30	8.40	8.13	-1.00
02	6.56	19.00	66.20	33.40	8.40	8.14	-1.00
03	9.84	18.90	65.84	33.50	8.10	8.14	-1.00
04	13.12	18.60	65.48	33.40	7.90	8.14	-1.00
05	16.40	18.50	65.30	33.50	7.60	8.13	-1.00
06	19.68	18.40	65.12	33.59	7.70	8.12	-1.00
07	22.96	17.80	64.04	33.60	6.60	8.08	-1.00
08	26.24	16.40	61.52	34.00	6.40	8.02	-1.00
09	29.52	16.10	60.98	33.70	6.00	8.01	-1.00
10	32.80	16.10	60.98	33.70	5.80	8.00	-1.00
11	36.08	15.80	60.44	33.60	6.40	7.99	-1.00
12	39.36	15.50	59.90	33.70	5.70	7.96	-1.00
13	42.64	15.00	59.00	33.60	5.60	7.92	-1.00
14	45.92	14.90	58.82	33.50	5.40	7.91	-1.00
15	49.20	14.80	58.64	33.60	5.40	7.91	-1.00
16	52.48	14.70	58.46	33.50	5.40	7.91	-1.00
17	55.76	14.60	58.28	33.60	5.30	7.91	-1.00
18	59.04	14.40	57.92	33.60	5.00	7.88	-1.00

DATE: AUGUST 1973  
STATION: B3 LB HAM BUOY

DEPTH	TEMPERATURE	SALINITY	D.O2	PH	TURBIDITY		
METERS	FEET	C	F	PPT	PERM	M-ION CONC	%
00	0.0	19.60	67.28	33.10	9.20	8.32	-1.00
01	3.28	19.80	67.64	33.10	9.40	8.32	-1.00
02	6.56	19.30	66.74	33.30	9.10	8.32	-1.00
03	9.84	18.50	65.30	33.20	9.10	8.30	-1.00
04	13.12	18.20	64.76	33.20	8.90	8.29	-1.00
05	16.40	18.10	64.58	33.20	8.70	8.27	-1.00
06	19.68	17.00	62.60	33.50	7.70	8.19	-1.00
07	22.96	15.90	60.62	33.50	7.10	8.13	-1.00
08	26.24	15.60	60.08	33.40	6.90	8.12	-1.00
09	29.52	15.00	60.44	33.40	6.80	8.10	-1.00
10	32.80	15.00	60.44	33.40	6.80	8.08	-1.00
11	36.08	15.40	59.72	33.40	6.60	8.07	-1.00
12	39.36	15.40	59.72	33.40	6.60	8.08	-1.00
13	42.64	15.40	59.72	33.30	6.60	8.08	-1.00
14	45.92	15.30	59.54	33.40	6.60	8.08	-1.00
15	49.20	15.20	59.36	33.40	6.50	8.07	-1.00
16	52.48	15.10	59.18	33.40	6.10	8.03	-1.00
17	55.76	14.90	58.82	33.40	5.90	8.00	-1.00
18	59.04	14.00	57.20	33.40	5.00	7.90	-1.00
19	62.32	14.00	57.20	33.40	5.00	7.90	-1.00
20	65.60	14.00	57.20	33.40	4.90	7.90	-1.00

MISSING DATA VALUE IS -1.0

DATE: SEPTEMBER 1973  
STATION: B3 LB #4# BUOY

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	17.60	63.66	33.20	8.70	-1.00	80.00
01	3.28	17.60	63.68	33.30	8.50	-1.00	78.00
02	6.56	17.60	63.68	33.30	8.70	-1.00	80.50
03	9.84	17.60	63.68	33.30	8.60	-1.00	82.00
04	13.12	17.40	63.32	33.30	8.10	-1.00	82.50
05	16.40	17.30	63.14	33.40	8.00	-1.00	82.00
06	19.68	17.10	62.78	33.40	7.70	-1.00	80.00
07	22.96	16.90	62.42	33.40	7.90	-1.00	79.00
08	26.24	16.80	62.24	33.40	7.70	-1.00	79.00
09	29.52	16.80	62.24	33.40	7.80	-1.00	80.00
10	32.80	16.70	62.06	33.40	8.10	-1.00	81.00
11	36.08	16.60	61.88	33.30	8.00	-1.00	82.00
12	39.36	16.60	61.88	33.30	8.20	-1.00	82.00
13	42.64	16.60	61.88	33.30	8.00	-1.00	82.00
14	45.92	16.60	61.88	33.30	8.10	-1.00	82.00
15	49.20	16.60	61.88	33.30	7.80	-1.00	82.00
16	52.48	16.50	61.70	33.30	7.50	-1.00	82.50
17	55.76	16.30	61.34	33.70	7.40	-1.00	83.00
18	59.04	15.20	59.36	33.70	6.70	-1.00	79.00
19	62.32	14.50	58.10	33.70	6.30	-1.00	69.00
20	65.60	14.40	57.92	33.60	6.10	-1.00	67.00

DATE: NOVEMBER 1973  
STATION: B3 LB #4# BUOY

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	15.00	59.00	33.90	6.00	7.38	81.00
01	3.28	14.90	58.82	33.90	6.10	7.39	83.00
02	6.56	14.50	58.10	34.10	6.30	7.40	84.00
03	9.84	14.40	57.92	34.10	6.30	7.40	85.00
04	13.12	14.40	57.92	34.00	6.30	7.40	86.00
05	16.40	14.40	57.92	34.00	6.40	7.40	86.00
06	19.68	14.30	57.74	34.10	6.40	7.42	87.00
07	22.96	14.20	57.56	34.20	6.50	7.42	87.00
08	26.24	14.20	57.56	34.10	6.50	7.42	87.00
09	29.52	14.10	57.38	34.10	6.30	7.42	88.00
10	32.80	14.00	57.20	34.10	6.40	7.43	88.00
11	36.08	13.90	57.02	34.10	6.35	7.43	87.50
12	39.36	13.90	57.02	34.10	6.45	7.43	87.00
13	42.64	13.70	56.66	34.20	6.40	7.43	87.00
14	45.92	13.70	56.66	34.20	6.40	7.43	86.00
15	49.20	13.70	56.66	34.20	6.40	7.43	85.00
16	52.48	13.70	56.66	34.20	6.35	7.43	85.50
17	55.76	13.40	56.12	34.20	6.20	7.43	82.50
18	59.04	13.30	55.94	34.30	6.20	7.42	80.50

DATE: DECEMBER 1973  
STATION: B3 LB #4# BUOY

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	-1.00	-1.00	-1.00	6.90	8.04	83.00
01	3.28	-1.00	-1.00	-1.00	6.80	8.00	85.00
02	6.56	-1.00	-1.00	-1.00	6.70	7.98	85.00
03	9.84	-1.00	-1.00	-1.00	6.80	7.97	85.00
04	13.12	-1.00	-1.00	-1.00	6.60	7.96	86.00
05	16.40	-1.00	-1.00	-1.00	6.60	7.98	86.00
06	19.68	-1.00	-1.00	-1.00	6.60	7.84	86.00
07	22.96	-1.00	-1.00	-1.00	6.60	7.84	89.00
08	26.24	-1.00	-1.00	-1.00	6.60	7.80	85.00
09	29.52	-1.00	-1.00	-1.00	6.50	7.80	84.50
10	32.80	-1.00	-1.00	-1.00	6.40	7.79	84.00
11	36.08	-1.00	-1.00	-1.00	6.60	7.79	84.00
12	39.36	-1.00	-1.00	-1.00	6.40	7.78	83.50
13	42.64	-1.00	-1.00	-1.00	6.40	7.74	84.00
14	45.92	-1.00	-1.00	-1.00	6.40	7.79	84.00
15	49.20	-1.00	-1.00	-1.00	6.40	7.75	85.00
16	52.48	-1.00	-1.00	-1.00	6.40	7.74	84.00
17	55.76	-1.00	-1.00	-1.00	6.40	7.78	84.00
18	59.04	-1.00	-1.00	-1.00	6.60	7.78	82.00
19	62.32	-1.00	-1.00	-1.00	6.60	7.77	81.00
20	65.60	-1.00	-1.00	-1.00	6.70	7.77	-1.00

MISSING DATA VALUE IS -1.00

MISSING DATA VALUE IS -1.00

DATE: OCTOBER 1973  
STATION: B3 LB #4# BUOY

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	16.90	62.24	33.30	8.90	8.30	75.00
01	3.28	16.90	62.24	33.40	8.50	8.32	76.00
02	6.56	16.70	62.06	33.40	8.20	8.31	76.00
03	9.84	16.60	61.88	33.30	8.20	8.30	77.00
04	13.12	16.60	61.88	33.30	8.20	8.30	78.00
05	16.40	16.40	61.52	33.30	8.30	8.29	77.50
06	19.68	16.30	61.34	33.30	7.60	8.27	81.00
07	22.96	16.20	61.16	33.30	7.70	8.27	84.00
08	26.24	15.10	60.98	33.30	7.60	8.25	85.00
09	29.52	15.00	60.80	33.30	7.30	8.23	86.00
10	32.80	15.90	60.62	33.40	7.10	8.22	85.00
11	36.08	15.80	60.44	33.40	7.00	8.22	84.00
12	39.36	15.40	59.72	33.40	7.10	8.22	78.50
13	42.64	15.30	59.54	33.40	7.20	8.23	75.00
14	45.92	15.20	59.36	33.40	7.10	8.22	77.50
15	49.20	15.00	59.00	33.40	7.00	8.21	81.50
16	52.48	14.20	58.54	32.40	7.00	8.21	80.50
17	55.76	14.00	58.04	33.45	7.00	8.20	78.00
18	59.04	14.70	58.46	33.40	7.10	8.20	77.00

DATE: JANUARY 1974  
STATION: B3 LB MAN BUOY

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O2 PPM	PH	TURBIDITY %
00	0.0	13.20	55.76	33.80	7.30	7.68	87.50
01	3.28	13.10	55.58	33.10	7.60	7.75	86.50
02	6.56	13.00	55.40	33.20	7.70	7.79	84.50
03	9.84	13.00	55.40	33.40	7.80	7.83	82.00
04	13.12	13.00	55.40	33.50	7.80	7.84	82.00
05	16.40	12.90	55.22	33.90	7.90	7.86	82.50
06	19.68	12.90	55.22	33.60	8.00	7.88	84.00
07	22.96	12.90	55.22	33.60	8.00	7.89	84.00
08	26.24	12.90	55.22	33.60	8.10	7.90	84.00
09	29.52	12.90	55.22	33.60	8.10	7.91	84.50
10	32.80	12.90	55.22	33.60	8.10	7.92	84.50
11	36.08	12.80	55.04	33.60	8.10	7.92	84.00
12	39.36	12.80	55.04	33.65	8.10	7.93	84.00
13	42.64	12.80	55.04	33.70	8.10	7.93	84.50
14	45.92	12.80	55.04	33.70	8.10	7.93	84.50
15	49.20	12.80	55.04	33.70	8.10	7.94	83.00
16	52.48	12.80	55.04	33.70	8.10	7.94	82.00
17	55.76	12.80	55.04	33.70	8.10	7.94	81.50
18	59.04	12.80	55.04	33.70	8.10	7.94	79.00

DATE: MARCH 1974  
STATION: B3 LB MAN BUOY

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O2 PPM	PH	TURBIDITY %
00	0.0	14.20	57.56	32.45	6.40	7.09	69.00
01	3.28	14.20	57.56	32.45	6.80	7.08	81.50
02	6.56	14.10	57.38	32.60	6.80	7.08	84.00
03	9.84	14.00	57.20	32.85	6.50	7.04	84.50
04	13.12	13.80	56.84	33.00	6.30	7.02	85.00
05	16.40	13.70	56.66	33.25	6.00	6.99	84.00
06	19.68	13.60	56.48	33.35	7.00	6.97	84.50
07	22.96	13.50	56.30	33.35	7.40	6.99	82.50
08	26.24	13.50	56.30	33.35	8.00	6.99	82.50
09	29.52	13.50	56.30	33.35	8.10	7.01	82.50
10	32.80	13.50	56.30	33.35	8.20	7.02	82.00
11	36.08	13.50	56.30	33.35	8.10	7.02	80.00
12	39.36	13.50	56.30	33.35	8.10	7.02	80.00
13	42.64	13.50	56.30	33.35	8.10	7.02	79.00
14	45.92	13.50	56.30	33.35	8.10	7.02	78.00
15	49.20	13.50	56.30	33.35	8.00	7.00	77.50
16	52.48	13.50	56.30	33.40	7.70	6.99	76.50

DATE: APRIL 1974  
STATION: B3 LB MAN BUOY

DATE: FEBRUARY 1974  
STATION: B3 LB MAN BUOY

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O2 PPM	PH	TURBIDITY %
00	0.0	13.10	55.58	33.10	7.90	-1.00	-1.00
01	3.28	13.20	55.76	33.10	7.90	-1.00	-1.00
02	6.56	13.20	55.76	33.20	7.80	-1.00	-1.00
03	9.84	13.20	55.76	33.15	7.30	-1.00	-1.00
04	13.12	13.10	55.58	33.25	7.20	-1.00	-1.00
05	16.40	13.10	55.58	33.30	7.30	-1.00	-1.00
06	19.68	13.10	55.58	33.35	7.30	-1.00	-1.00
07	22.96	13.10	55.58	33.40	7.40	-1.00	-1.00
08	26.24	13.10	55.58	33.40	7.40	-1.00	-1.00
09	29.52	13.00	55.40	33.40	7.50	-1.00	-1.00
10	32.80	13.00	55.40	33.45	7.60	-1.00	-1.00
11	36.08	13.00	55.40	33.45	7.50	-1.00	-1.00
12	39.36	13.00	55.40	33.45	7.40	-1.00	-1.00
13	42.64	13.00	55.40	33.45	7.50	-1.00	-1.00
14	45.92	13.00	55.40	33.50	7.60	-1.00	-1.00
15	49.20	13.00	55.40	33.50	7.60	-1.00	-1.00
16	52.48	13.00	55.40	33.50	7.50	-1.00	-1.00
17	55.76	13.00	55.40	33.50	7.40	-1.00	-1.00
18	59.04	13.00	55.40	33.50	7.20	-1.00	-1.00

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O2 PPM	PH	TURBIDITY %
00	0.0	15.10	59.18	33.60	7.90	-1.00	-1.00
01	3.28	14.80	58.64	33.70	7.80	-1.00	-1.00
02	6.56	14.00	57.20	33.60	7.60	-1.00	-1.00
03	9.84	14.00	57.20	33.70	7.70	-1.00	-1.00
04	13.12	14.00	57.20	33.70	7.80	-1.00	-1.00
05	16.40	14.00	57.20	33.70	8.00	-1.00	-1.00
06	19.68	13.90	57.02	33.70	7.90	-1.00	-1.00
07	22.96	13.80	56.84	33.70	8.00	-1.00	-1.00
08	26.24	13.50	56.30	33.60	8.00	-1.00	-1.00
09	29.52	13.50	56.30	33.70	7.80	-1.00	-1.00
10	32.80	13.20	55.76	33.70	7.70	-1.00	-1.00
11	36.08	12.70	54.86	33.90	7.20	-1.00	-1.00
12	39.36	12.40	54.32	33.80	7.10	-1.00	-1.00
13	42.64	12.20	53.96	33.70	6.90	-1.00	-1.00
14	45.92	12.10	53.78	33.80	6.80	-1.00	-1.00
15	49.20	12.10	53.78	33.80	6.80	-1.00	-1.00
16	52.48	12.10	53.78	33.80	6.70	-1.00	-1.00
17	55.76	12.00	53.60	33.70	6.60	-1.00	-1.00
18	59.04	11.70	53.06	33.80	6.60	-1.00	-1.00
19	62.32	11.40	52.52	33.90	6.20	-1.00	-1.00

MISSING DATA VALUE IS -1.0

MISSING DATA VALUE IS -1.0

DATE: MAY 1974  
STATION: B1 LB "A" BUOY

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PPT	D.O2 PPM	PH	TURBIDITY %
00	0.0	15.20	59.36	31.75	7.10	7.31	84.50
01	3.28	15.20	59.36	31.85	6.90	7.32	86.50
02	6.56	15.00	59.00	31.85	7.10	7.32	87.00
03	9.84	15.00	59.00	31.85	7.00	7.32	86.50
04	13.12	14.90	58.82	31.80	6.80	7.32	86.00
05	16.40	14.90	58.82	31.75	6.80	7.32	85.50
06	19.68	14.70	58.46	31.90	6.80	7.32	84.00
07	22.96	14.50	58.10	31.95	6.60	7.32	83.00
08	26.24	14.40	57.92	31.90	6.60	7.32	82.00
09	29.52	14.20	57.56	32.00	6.40	7.31	80.00
10	32.80	14.00	57.20	31.90	6.40	7.31	79.00
11	36.08	14.00	57.20	31.90	6.40	7.31	77.00
12	39.36	14.00	57.20	31.85	6.30	7.31	76.50
13	42.64	13.90	57.02	31.85	6.10	7.31	75.50
14	45.92	13.90	57.02	31.85	6.10	7.31	74.00
15	49.20	13.80	56.84	31.90	6.20	7.31	74.50
16	52.48	13.70	56.66	31.90	6.30	7.30	73.50
17	55.76	13.50	56.30	32.00	5.80	7.30	63.00
18	59.04	13.40	56.12	31.95	5.60	7.29	59.50

\* Possible probe malfunction

DATE: JUNE 1974  
STATION: B3 LB "A" BUOY

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PPT	D.O2 PPM	PH	TURBIDITY %
00	0.0	16.90	62.42	30.90	10.60	-1.00	66.50
01	3.28	16.80	62.24	30.90	10.10	-1.00	78.00
02	6.56	16.80	62.24	30.90	10.10	-1.00	80.00
03	9.84	16.30	61.34	31.20	9.90	-1.00	84.00
04	13.12	16.30	61.34	31.20	9.50	-1.00	84.50
05	16.40	16.20	61.16	31.20	9.40	-1.00	83.00
06	19.68	16.10	60.98	31.30	9.20	-1.00	83.00
07	22.96	16.00	60.80	31.40	8.70	-1.00	82.00
08	26.24	16.00	60.80	31.40	8.60	-1.00	82.00
09	29.52	15.90	60.62	31.70	8.30	-1.00	81.50
10	32.80	15.60	60.08	31.40	8.00	-1.00	80.50
11	36.08	15.40	59.72	31.30	7.50	-1.00	78.00
12	39.36	15.10	59.18	31.50	7.30	-1.00	77.00
13	42.64	15.00	59.00	31.40	6.40	-1.00	74.50
14	45.92	15.00	59.00	31.40	6.80	-1.00	73.50
15	49.20	14.90	58.82	31.60	7.00	-1.00	73.50
16	52.48	14.90	58.82	31.60	6.90	-1.00	73.00
17	55.76	14.90	58.82	31.30	6.80	-1.00	68.00
18	59.04	14.80	58.64	31.50	6.50	-1.00	65.50
19	62.32	14.20	57.56	31.60	4.80	-1.00	-1.00

\* Possible probe malfunction

MISSING DATA VALUE IS -1.0

DATE: JULY 1974  
STATION: B1 LB "A" BUOY

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PPT	D.O2 PPM	PH	TURBIDITY %
00	0.0	16.00	60.80	-1.00	10.10	-1.00	70.00
01	3.28	16.00	60.80	-1.00	10.10	-1.00	70.00
02	6.56	16.00	60.80	-1.00	10.10	-1.00	70.50
03	9.84	16.00	60.80	-1.00	10.20	-1.00	70.50
04	13.12	17.90	64.22	-1.00	10.10	-1.00	70.50
05	16.40	17.10	62.78	-1.00	9.00	-1.00	70.50
06	19.68	16.10	60.98	-1.00	8.80	-1.00	72.50
07	22.96	16.00	60.80	-1.00	8.90	-1.00	78.00
08	26.24	16.00	60.80	-1.00	8.90	-1.00	72.50
09	29.52	15.00	60.80	-1.00	9.00	-1.00	76.00
10	32.80	15.90	60.62	-1.00	8.00	-1.00	77.50
11	36.08	15.80	60.44	-1.00	7.60	-1.00	78.00
12	39.36	15.80	60.44	-1.00	8.10	-1.00	72.50
13	42.64	15.10	59.18	-1.00	7.70	-1.00	73.00
14	45.92	14.90	58.82	-1.00	4.50	-1.00	58.00
15	49.20	14.30	57.74	-1.00	5.30	-1.00	52.00
16	52.48	14.20	57.56	-1.00	5.10	-1.00	45.00
17	55.76	14.10	57.38	-1.00	5.00	-1.00	45.00
18	59.04	14.00	57.20	-1.00	4.80	-1.00	47.50

DATE: AUGUST 1974  
STATION: B3 LB "A" BUOY

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PPT	D.O2 PPM	PH	TURBIDITY %
00	0.0	19.10	66.38	33.00	8.40	-1.00	82.00
01	3.28	19.10	66.38	33.00	8.40	-1.00	81.50
02	6.56	19.10	66.38	33.00	8.60	-1.00	77.50
03	9.84	19.00	66.20	33.00	8.50	-1.00	76.50
04	13.12	19.00	66.20	32.90	8.40	-1.00	76.00
05	16.40	18.50	65.30	33.00	7.90	-1.00	76.50
06	19.68	18.10	64.58	34.10	7.60	-1.00	77.00
07	22.96	18.10	64.58	33.90	7.30	-1.00	76.50
08	26.24	17.70	63.86	32.90	7.10	-1.00	76.00
09	29.52	17.10	62.78	33.10	6.80	-1.00	73.00
10	32.80	16.70	62.06	33.20	6.20	-1.00	68.00
11	36.08	16.50	61.70	33.40	6.00	-1.00	67.00
12	39.36	16.40	61.52	33.40	6.00	-1.00	65.00
13	42.64	16.10	60.98	33.30	6.00	-1.00	64.00
14	45.92	16.00	60.80	33.30	5.80	-1.00	62.50
15	49.20	15.90	60.62	33.10	5.20	-1.00	59.50
16	52.48	15.80	60.44	33.50	4.80	-1.00	57.50
17	55.76	15.70	60.26	33.50	4.50	-1.00	58.00
18	59.04	15.00	59.00	33.70	4.60	-1.00	58.00
19	62.32	15.50	59.90	33.60	3.80	-1.00	46.00
20	65.60	15.30	59.54	33.70	3.00	-1.00	-1.00

MISSING DATA VALUE IS -1.0

DATE: SEPTEMBER 1974

STATION: 43 LB "A" BUOY

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY P/1000	D.O.2 PPM	PH	TURBIDITY %
		C	F				
00	0.0	19.50	67.10	33.10	7.40	8.20	76.50
01	3.28	19.40	66.92	33.30	6.60	8.19	77.00
02	6.56	19.30	66.74	33.40	6.60	8.11	78.00
03	9.84	19.20	66.56	33.50	5.80	8.02	81.00
04	13.12	18.90	66.02	33.60	6.00	8.01	80.50
05	16.40	18.80	65.84	33.80	5.40	7.94	82.00
06	19.68	18.70	64.76	33.80	5.40	7.94	82.50
07	22.96	17.60	63.68	33.70	5.10	7.89	80.50
08	26.24	17.40	63.32	33.70	4.60	7.86	74.00
09	29.52	17.20	62.96	33.60	4.50	7.84	74.00
10	32.80	17.00	62.60	33.50	4.20	7.80	75.50
11	36.08	16.50	61.88	33.70	4.00	7.79	77.50
12	39.36	16.50	61.70	33.60	4.10	7.79	77.00
13	42.64	16.40	61.52	33.50	4.20	7.80	77.00
14	45.92	16.40	61.52	33.60	4.00	7.79	77.00
15	49.20	16.10	60.98	33.60	3.40	7.74	78.50
16	52.48	15.60	60.08	33.60	2.00	7.68	77.00
17	55.76	15.30	59.54	33.70	2.90	7.69	73.50
18	59.04	15.00	59.00	33.70	2.40	7.55	67.50
19	62.32	14.70	58.46	33.70	1.10	7.50	56.00

DATE: OCTOBER 1974

STATION: 43 LB "A" BUOY

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY P/1000	D.O.2 PPM	PH	TURBIDITY %
		C	F				
00	0.0	15.20	59.36	33.70	7.60	8.11	61.50
01	3.28	15.10	59.18	33.70	7.60	8.12	68.50
02	6.56	15.20	59.36	33.50	7.60	8.12	72.50
03	9.84	15.20	59.36	33.50	7.60	8.12	72.00
04	13.12	15.10	59.18	33.50	7.70	8.11	72.00
05	16.40	15.10	59.18	33.50	7.60	8.11	72.00
06	19.68	15.10	59.18	33.40	7.50	8.12	71.50
07	22.96	15.00	59.00	33.50	7.50	8.11	70.50
08	26.24	15.00	59.00	33.50	7.40	8.11	71.00
09	29.52	14.90	58.82	33.50	7.40	8.10	71.50
10	32.80	14.80	58.64	33.50	7.30	8.09	71.00
11	36.08	14.50	58.10	33.60	7.00	8.08	68.50
12	39.36	14.30	57.74	33.70	6.80	8.07	64.50
13	42.64	14.30	57.74	33.70	6.60	8.07	63.50
14	45.92	14.20	57.56	33.60	6.60	8.06	61.50
15	49.20	14.10	57.38	33.70	6.40	8.05	66.50
16	52.48	14.00	57.20	33.50	6.30	8.05	63.00
17	55.76	14.00	57.20	33.50	6.30	8.05	49.50
18	59.04	14.00	57.20	33.50	6.10	8.04	48.00
19	62.32	13.80	56.84	33.60	5.90	8.03	43.00
20	65.60	13.80	56.84	33.60	5.70	8.02	-1.00

MISSING DATA VALUE IS -1.0

DATE: NOVEMBER 1974

STATION: 43 LB "A" BUOY

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY P/1000	D.O.2 PPM	PH	TURBIDITY %
		C	F				
00	0.0	14.80	58.64	33.60	9.80	8.10	85.00
01	3.28	14.80	58.64	33.60	9.80	8.12	89.00
02	6.56	14.80	58.64	33.60	9.60	8.12	86.50
03	9.84	14.80	58.64	33.60	9.70	8.13	86.00
04	13.12	14.80	58.64	33.60	9.40	8.12	86.00
05	16.40	14.70	58.46	33.60	9.40	8.12	84.50
06	19.68	14.70	58.46	33.60	9.20	8.12	82.50
07	22.96	14.60	58.28	33.60	9.20	8.12	81.50
08	26.24	14.60	58.28	33.60	9.10	8.12	81.00
09	29.52	14.60	58.28	33.60	9.20	8.13	81.00
10	32.80	14.60	58.28	33.60	9.20	8.13	81.00
11	36.08	14.60	58.28	33.60	9.20	8.13	79.00
12	39.36	14.60	58.28	33.60	7.30	8.14	79.50
13	42.64	14.60	58.28	33.60	9.20	8.14	79.50
14	45.92	14.60	58.28	33.60	9.20	8.14	77.50
15	49.20	14.60	58.28	33.60	9.30	8.14	77.50
16	52.48	14.60	58.28	33.60	9.20	8.14	77.00
17	55.76	14.60	58.28	33.60	9.30	8.14	77.00
18	59.04	14.60	58.28	33.60	9.20	8.14	77.00
19	62.32	14.60	58.28	33.60	8.40	8.14	76.00

DATE: DECEMBER 1974

STATION: 43 LB "A" BUOY

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY P/1000	D.O.2 PPM	PH	TURBIDITY %
		C	F				
00	0.0	14.20	57.56	32.50	6.90	8.30	86.00
01	3.28	14.20	57.56	32.60	6.90	8.32	94.00
02	6.56	14.40	57.92	32.90	7.30	8.38	91.00
03	9.84	14.40	57.92	33.20	7.80	8.41	90.00
04	13.12	14.40	57.92	33.20	7.90	8.42	89.00
05	16.40	14.60	57.92	33.30	8.20	8.44	89.00
06	19.68	14.60	57.92	33.30	8.40	8.45	88.50
07	22.96	14.40	57.92	33.30	8.60	8.47	87.50
08	26.24	14.40	57.92	33.40	8.60	8.47	86.00
09	29.52	14.40	57.92	33.40	8.60	8.48	86.00
10	32.80	14.40	57.92	33.40	8.60	8.48	82.00
11	36.08	14.40	57.92	33.40	8.60	8.47	82.00
12	39.36	14.40	57.92	33.40	8.60	8.47	82.00
13	42.64	14.40	57.92	33.40	8.60	8.47	82.00
14	45.92	14.40	57.92	33.40	8.40	8.47	81.50
15	49.20	14.40	57.92	33.40	8.40	8.47	80.50
16	52.48	14.40	57.92	33.40	8.60	8.47	80.00
17	55.76	14.40	57.92	33.40	8.50	8.47	77.00
18	59.04	14.40	57.92	33.40	8.20	8.46	74.00
19	62.32	14.40	57.92	33.40	8.10	8.46	-1.00

MISSING DATA VALUE IS -1.0

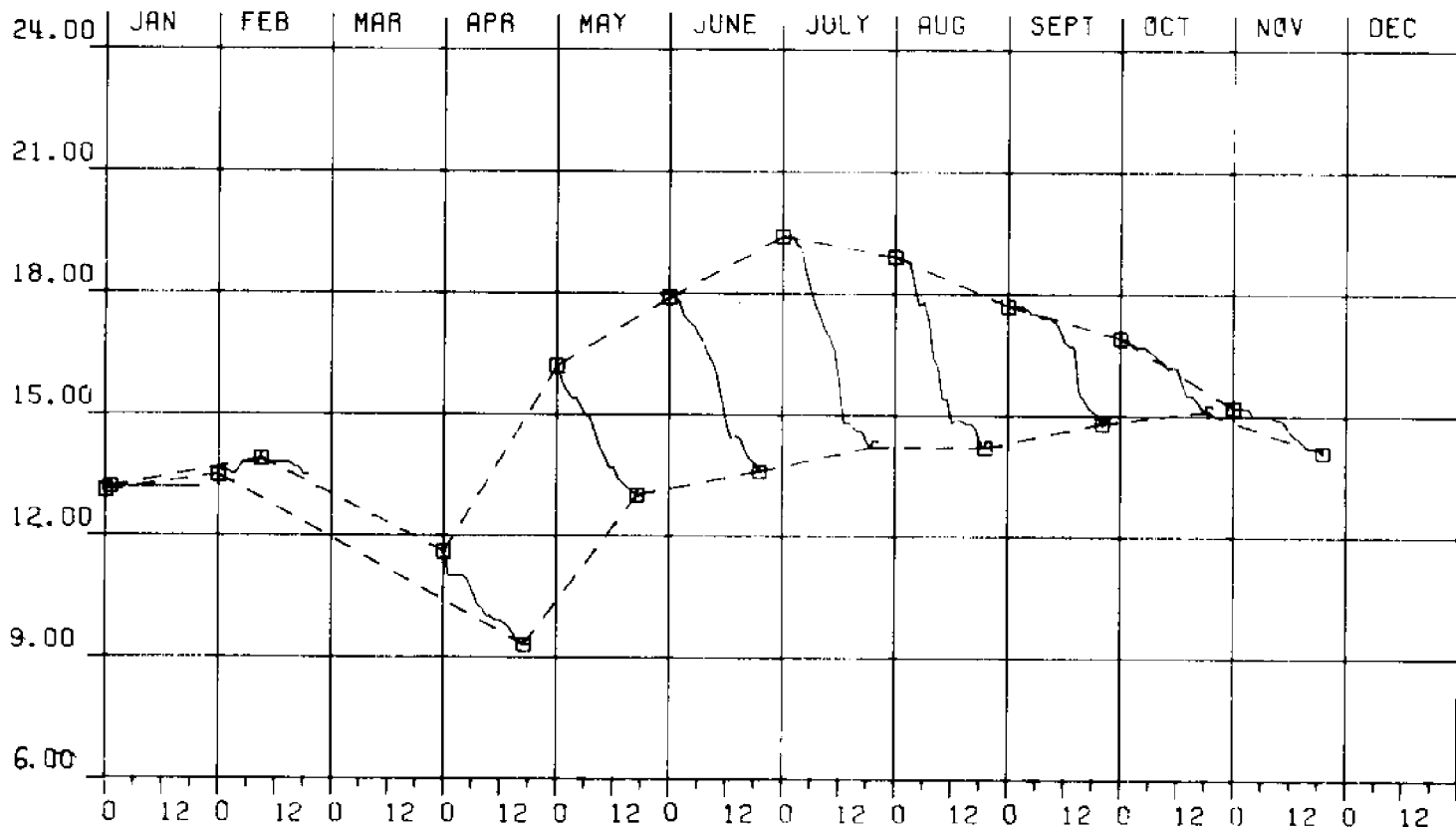
B4 LB "B" BUOY

51

DATE: 1973

EACH SUBGRAPH BY MONTH

DATA: DEPTH METERS VS. TEMPERATURE CELSIUS

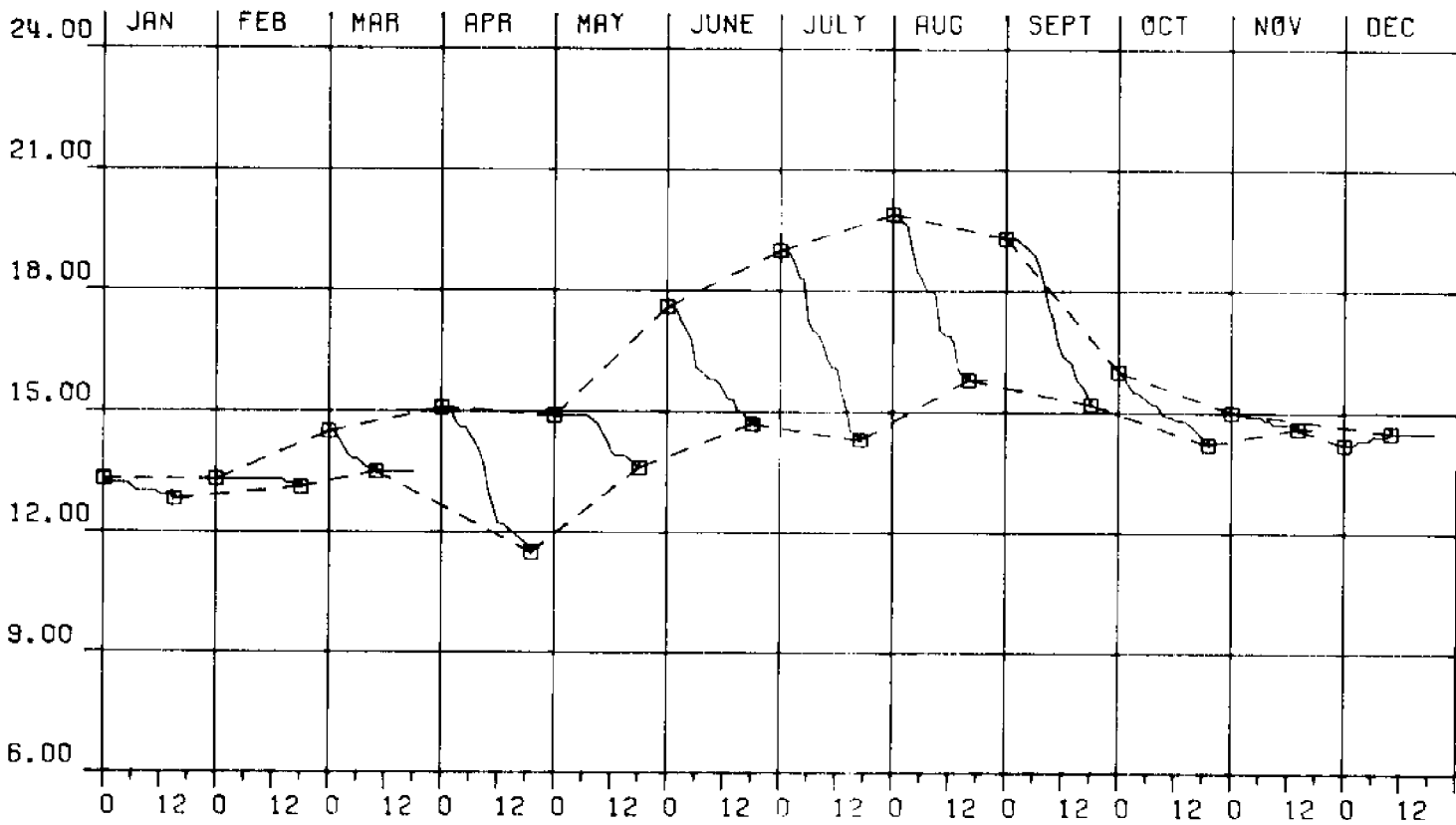


B4 LB "B" BUOY

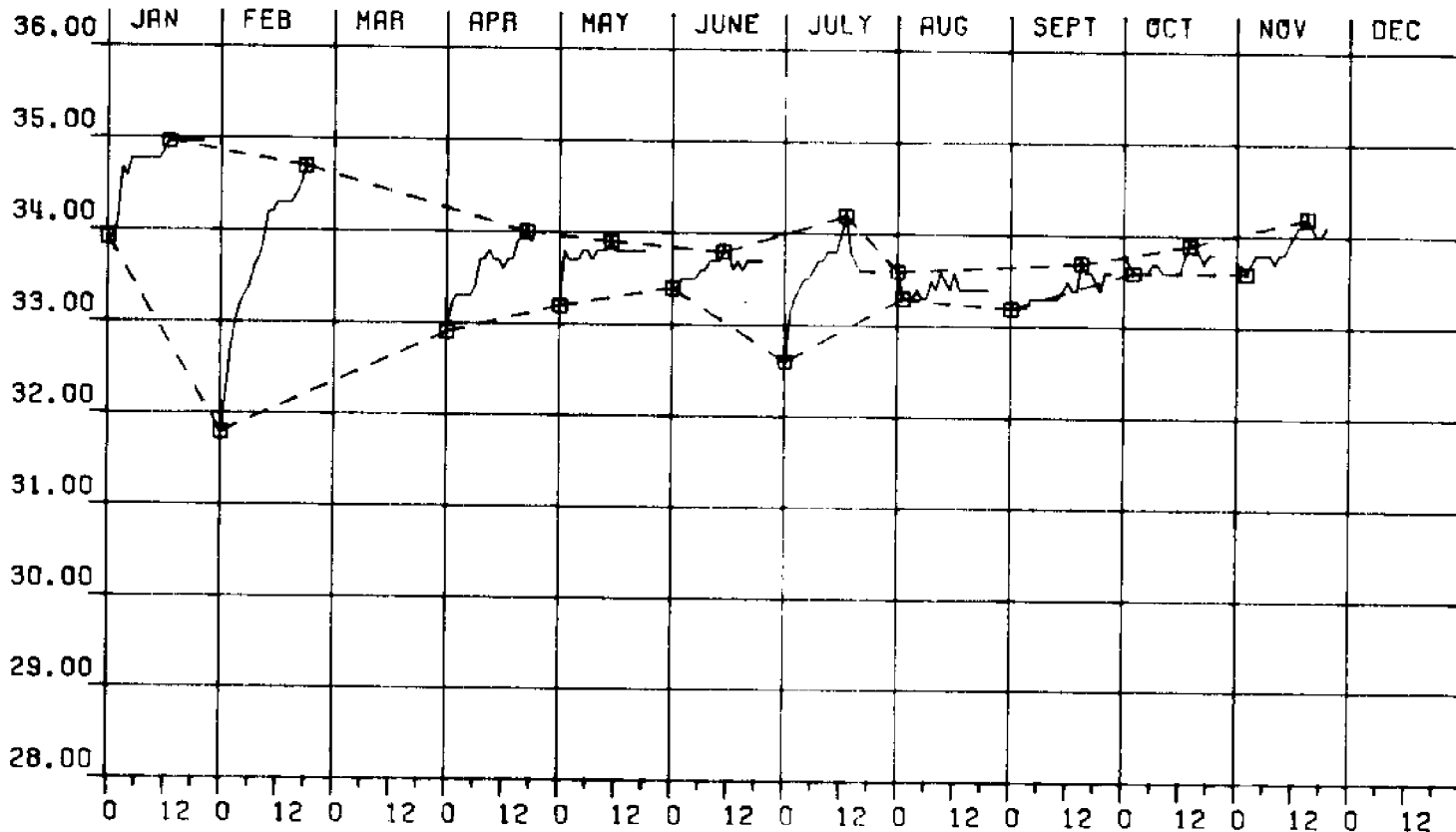
DATE: 1974

EACH SUBGRAPH BY MONTH

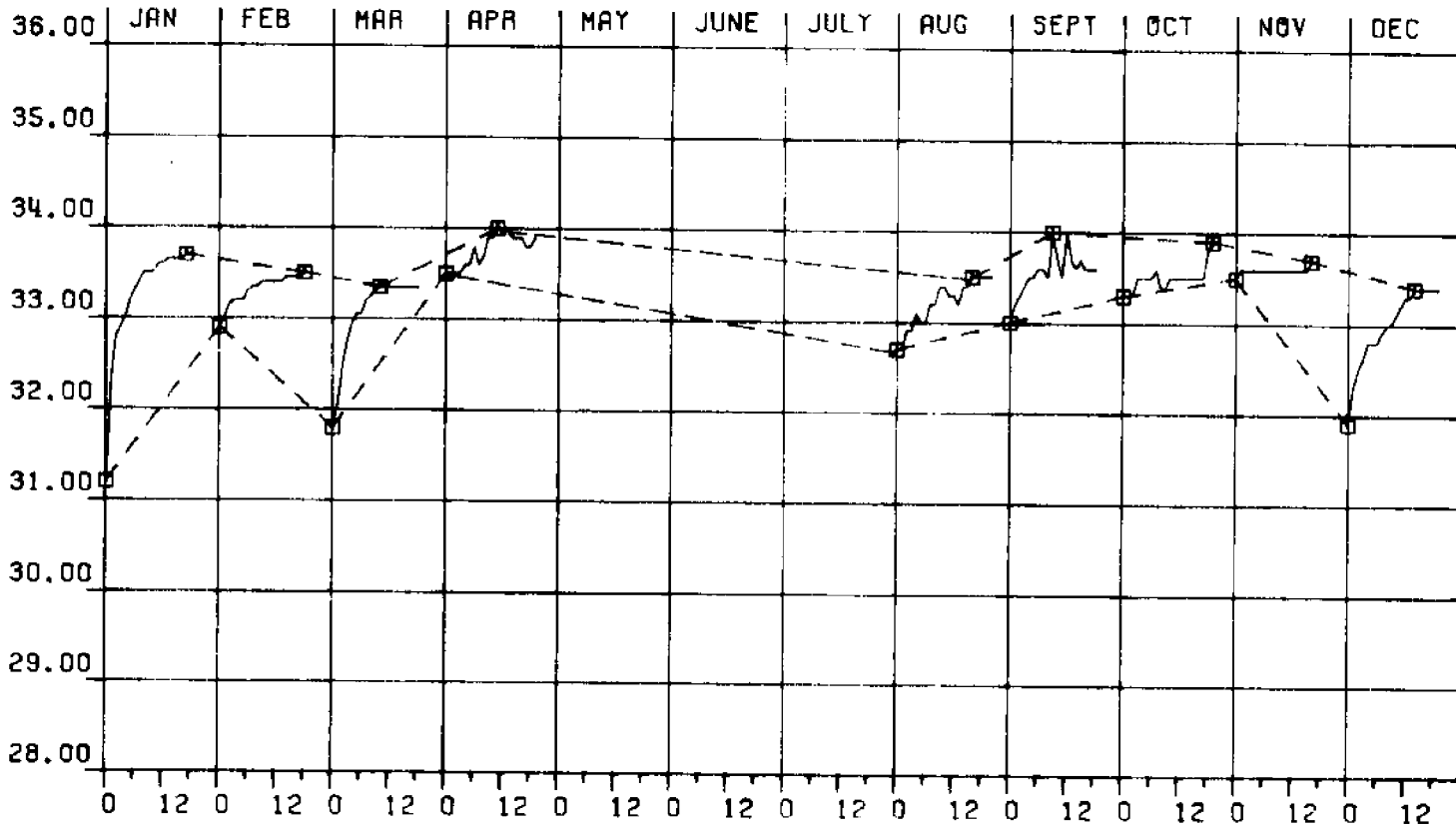
DATA: DEPTH METERS VS. TEMPERATURE CELSIUS



B4 LB "B" BUOY  
 DATE: 1973 52  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. SALINITY PPT



B4 LB "B" BUOY  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. SALINITY PPT

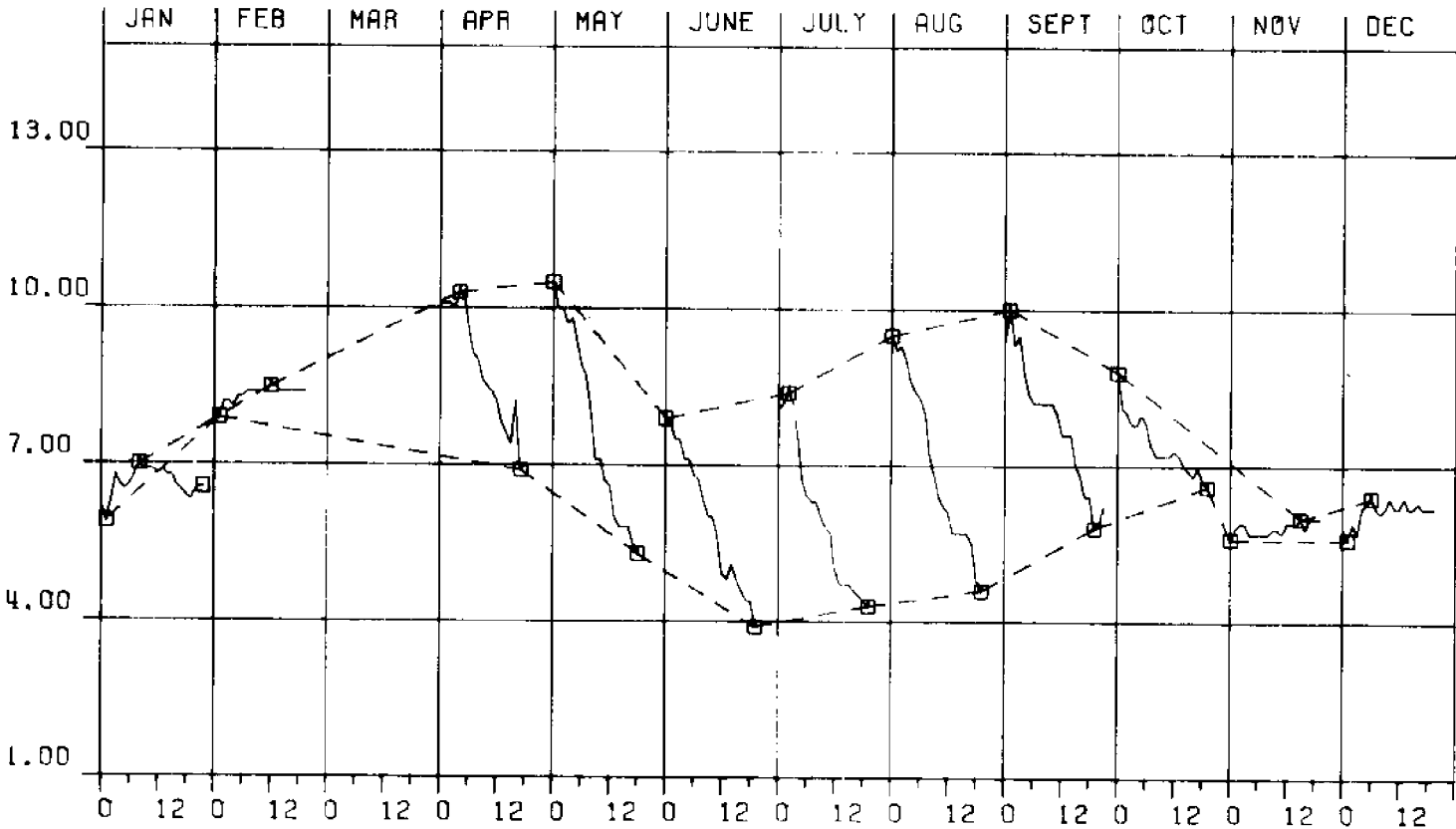


84 LB "8" BUOY

DATE: 1973

EACH SUBGRAPH BY MONTH

DATA: DEPTH METERS VS. DISSOLVED OXYGEN PPM

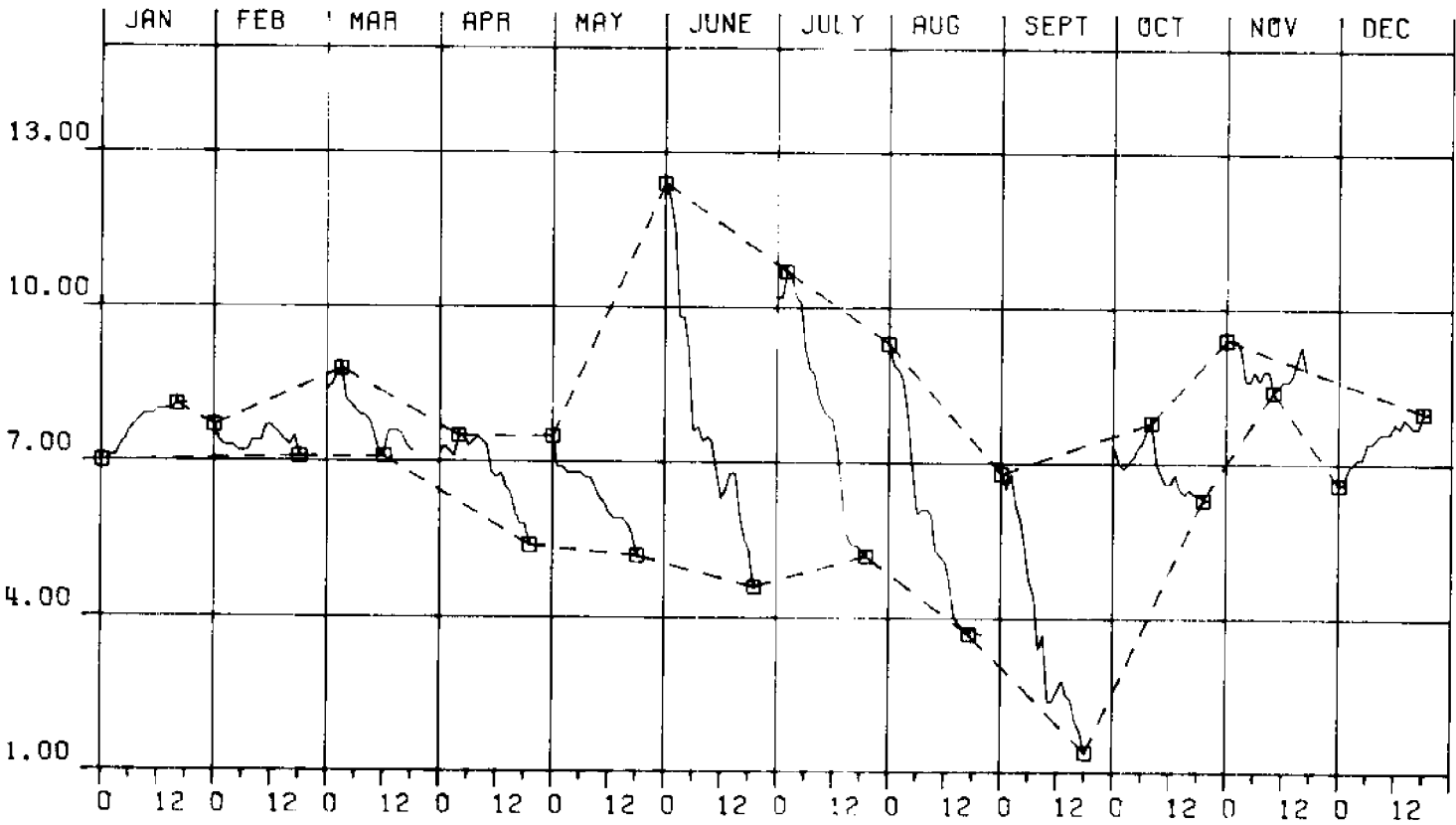


84 LB "8" BUOY

DATE: 1974

EACH SUBGRAPH BY MONTH

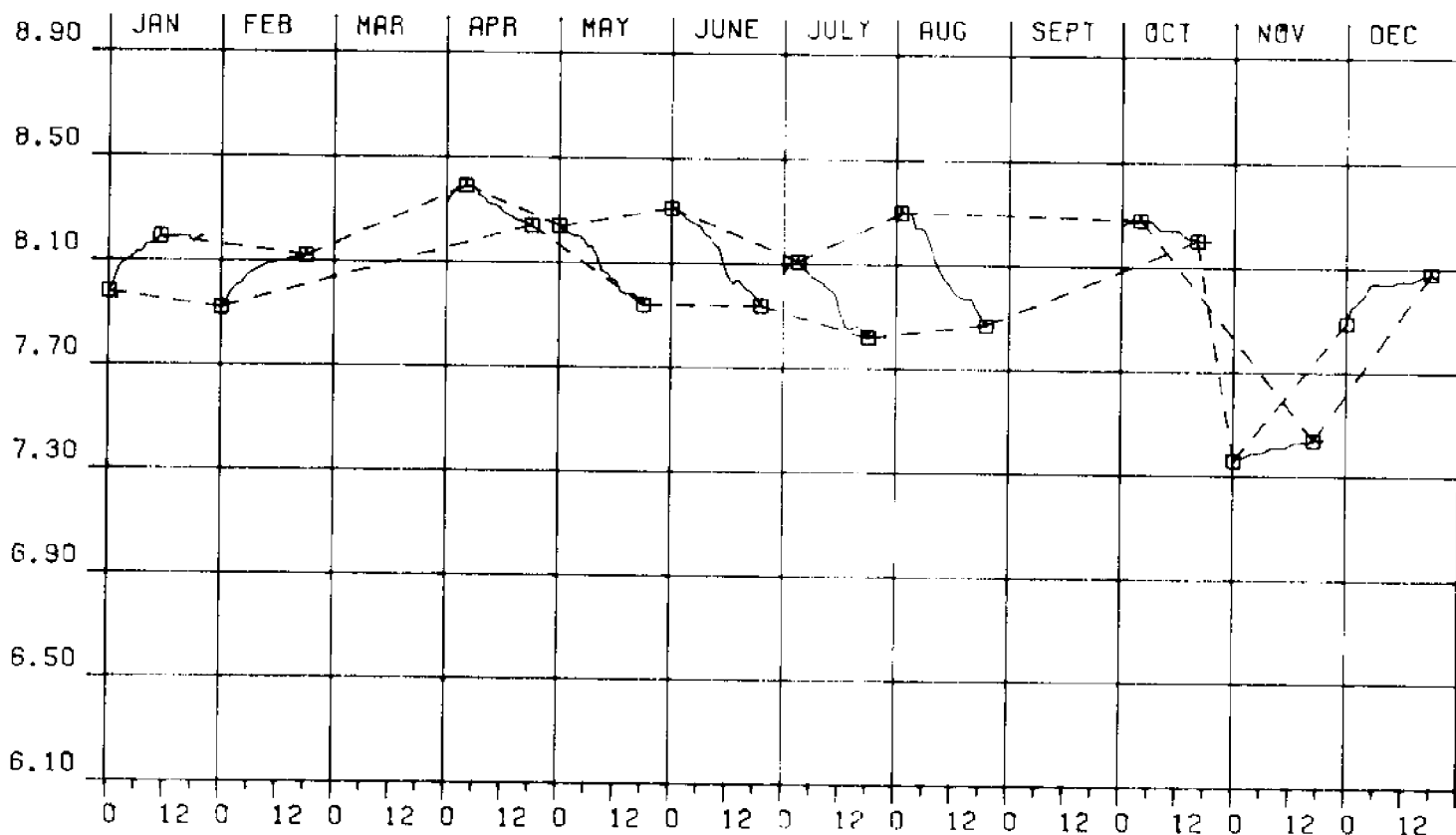
DATA: DEPTH METERS VS. DISSOLVED OXYGEN PPM



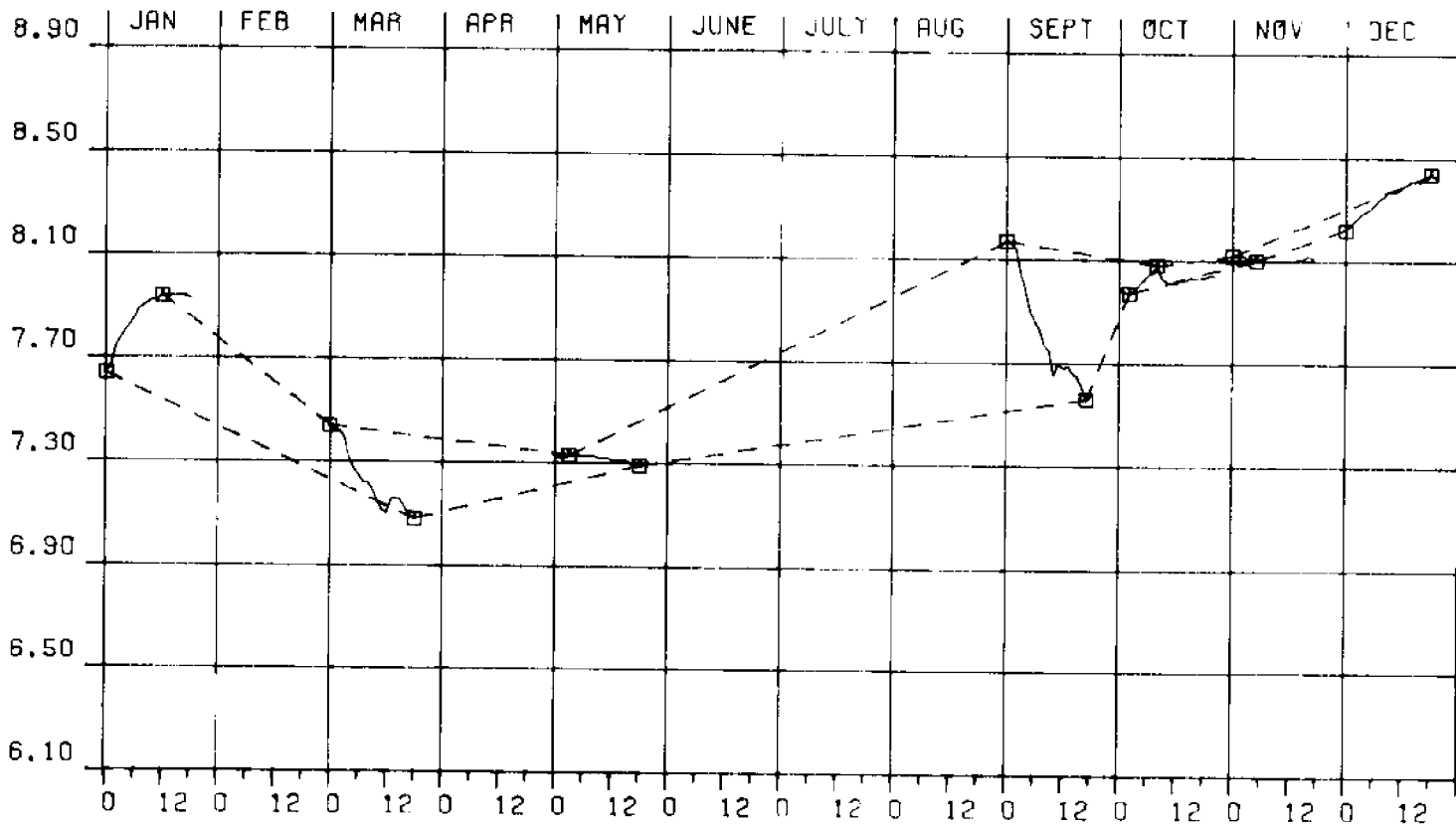


B4 LB "B" BUOY  
 DATE: 1973  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. PH H ION CONC

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B4 LB "B" BUOY  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. PH H ION CONC



DATE: JANUARY 1973  
STATION: 84 LB "B" BUOY

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY 0/00	D.O2 PPM	PH H. ION CONC	TURBIDITY %
00	0.0	13.10	55.58	33.92	6.20	7.98	-1.00
01	3.28	13.20	55.76	33.92	5.90	8.01	-1.00
02	6.56	13.20	55.76	34.11	6.30	8.07	-1.00
03	9.84	13.10	55.58	34.67	6.80	8.09	-1.00
04	13.12	13.20	55.76	34.58	6.60	8.10	-1.00
05	16.40	13.20	55.76	34.77	6.50	8.11	-1.00
06	19.68	13.20	55.76	34.77	6.60	8.13	-1.00
07	22.96	13.20	55.76	34.77	6.80	8.13	-1.00
08	26.24	13.20	55.76	34.77	7.00	8.16	-1.00
09	29.52	13.20	55.76	34.77	6.90	8.16	-1.00
10	32.80	13.20	55.76	34.77	6.90	8.17	-1.00
11	36.08	13.20	55.76	34.77	6.90	8.19	-1.00
12	39.36	13.20	55.76	34.88	6.80	8.18	-1.00
13	42.64	13.20	55.76	34.96	6.90	8.19	-1.00
14	45.92	13.20	55.76	34.96	6.80	8.19	-1.00
15	49.20	13.20	55.76	34.96	6.80	8.19	-1.00
16	52.48	13.20	55.76	34.96	6.60	8.19	-1.00
17	55.76	13.20	55.76	34.96	6.80	8.19	-1.00
18	59.04	13.20	55.76	34.96	6.40	8.17	-1.00
19	62.32	13.20	55.76	34.96	6.30	8.18	-1.00
20	65.60	13.20	55.76	34.96	6.50	8.19	-1.00

DATE: MARCH 1973  
STATION: 84 LB "B" BUOY

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY 0/00	D.O2 PPM	PH H. ION CONC	TURBIDITY %
00	0.0	13.60	56.48	32.20	9.20	8.20	-1.00
01	3.28	13.50	56.30	32.40	9.20	8.20	-1.00
02	6.56	13.30	55.94	32.60	9.40	8.21	-1.00
03	9.84	13.20	55.76	32.80	9.50	8.21	-1.00
04	13.12	13.10	55.58	32.90	9.50	8.21	-1.00
05	16.40	13.10	55.58	32.90	9.40	8.21	-1.00
06	19.68	13.10	55.58	33.00	9.50	8.21	-1.00
07	22.96	13.10	55.58	33.10	9.50	8.21	-1.00
08	26.24	13.20	55.76	33.10	9.00	8.21	-1.00
09	29.52	13.30	55.94	33.00	8.90	8.21	-1.00
10	32.80	13.30	55.94	33.10	8.80	8.21	-1.00
11	36.08	13.20	55.76	33.20	8.70	8.21	-1.00
12	39.36	13.20	55.76	33.10	8.60	8.21	-1.00
13	42.64	13.20	55.76	33.30	8.60	8.20	-1.00
14	45.92	13.20	55.76	33.40	8.60	8.20	-1.00
15	49.20	13.20	55.76	33.40	8.60	8.20	-1.00
16	52.48	13.20	55.76	33.50	8.60	8.20	-1.00
17	55.76	13.20	55.76	33.50	8.40	8.20	-1.00
18	59.04	13.10	55.58	33.70	8.10	8.19	-1.00

DATE: APRIL 1973  
STATION: 84 LB "B" BUOY

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY 0/00	D.O2 PPM	PH H. ION CONC	TURBIDITY %
00	0.0	11.60	52.90	32.90	10.10	8.33	50.00
01	3.28	11.00	51.80	33.20	10.10	8.36	99.99
02	6.56	11.00	51.80	33.30	10.10	8.36	99.99
03	9.84	11.00	51.80	33.30	10.00	8.38	99.99
04	13.12	11.00	51.80	33.30	10.30	8.39	99.99
05	16.40	10.90	51.62	33.30	10.20	8.39	99.99
06	19.68	10.60	51.08	33.40	9.60	8.38	98.00
07	22.96	10.30	50.54	33.70	9.10	8.35	87.00
08	26.24	10.20	50.36	33.70	9.00	8.34	85.00
09	29.52	10.00	50.00	33.80	8.60	8.32	86.00
10	32.80	10.00	50.00	33.70	8.50	8.32	76.00
11	36.08	9.90	49.82	33.70	8.40	8.31	80.00
12	39.36	9.90	49.82	33.60	8.20	8.29	-1.00
13	42.64	9.80	49.64	33.70	7.80	8.28	-1.00
14	45.92	9.70	49.46	33.70	7.60	8.27	-1.00
15	49.20	9.50	49.10	33.90	7.40	8.26	-1.00
16	52.48	9.40	48.92	-1.00	8.26	-1.00	-1.00
17	55.76	9.30	48.74	34.00	6.90	8.25	-1.00
18	59.04	9.30	48.74	33.90	7.00	8.24	-1.00

MISSING DATA VALUE IS -1.0

DATE: FEBRUARY 1973  
STATION: 84 LB "B" BUOY

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY 0/00	D.O2 PPM	PH H. ION CONC	TURBIDITY %
00	0.0	13.50	56.30	31.80	8.00	7.92	-1.00
01	3.28	13.40	56.12	32.20	7.90	7.94	-1.00
02	6.56	13.00	55.40	32.70	9.20	7.98	-1.00
03	9.84	12.50	54.50	33.00	8.20	8.00	-1.00
04	13.12	13.00	55.40	33.20	8.10	8.01	-1.00
05	16.40	13.80	56.84	33.30	8.30	8.03	-1.00
06	19.68	13.80	56.84	33.40	8.30	8.05	-1.00
07	22.96	13.80	56.84	33.60	8.40	8.06	-1.00
08	26.24	13.80	56.84	33.70	8.40	8.07	-1.00
09	29.52	13.90	57.02	33.90	8.40	8.08	-1.00
10	32.80	13.80	56.84	34.20	8.40	8.09	-1.00
11	36.08	13.80	56.84	34.20	8.40	8.09	-1.00
12	39.36	13.60	56.48	34.30	8.50	8.10	-1.00
13	42.64	13.60	56.48	34.30	8.50	8.10	-1.00
14	45.92	13.60	56.48	34.30	8.40	8.10	-1.00
15	49.20	13.80	56.84	34.30	8.40	8.11	-1.00
16	52.48	13.70	56.66	34.40	8.40	8.11	-1.00
17	55.76	13.70	56.66	34.50	8.40	8.11	-1.00
18	59.04	13.50	56.30	34.70	8.40	8.12	-1.00
19	62.32	13.50	56.30	34.70	8.40	8.12	-1.00

MISSING DATA VALUE IS -1.0

DATE: MAY 1973  
STATION: RA LB #87 BUOY

DATE: JULY 1973  
STATION: RA LB #87 BUOY

DEPTH METERS	FEET	TEMPERATURE		SALINITY PPT	D.O2 PPM	PH	TURBIDITY %
		C	F				
00	0.0	16.20	61.16	33.20	10.50	8.24	93.00
01	3.28	15.80	60.44	33.80	10.00	8.22	85.00
02	6.56	15.50	60.08	33.70	10.00	8.21	80.00
03	9.84	15.40	59.72	33.70	9.70	8.20	84.00
04	13.12	15.40	59.72	33.70	9.40	8.20	85.00
05	16.40	15.20	59.36	33.80	9.40	8.19	85.00
06	19.68	15.00	59.00	33.80	8.90	8.16	85.00
07	22.96	14.90	58.82	33.70	8.70	8.15	85.00
08	26.24	14.60	58.28	33.80	8.00	8.12	87.00
09	29.52	14.20	57.56	33.80	7.10	8.07	86.00
10	32.80	14.00	57.20	33.80	7.10	8.06	85.00
11	36.08	13.70	56.66	33.90	6.70	8.04	-1.00
12	39.36	13.70	56.66	33.80	6.60	8.03	-1.00
13	42.64	13.40	56.12	33.80	6.00	7.99	-1.00
14	45.92	13.30	55.94	33.80	5.80	7.98	-1.00
15	49.20	13.20	55.76	33.80	5.80	7.98	-1.00
16	52.48	13.10	55.58	33.80	5.80	7.98	-1.00
17	55.76	13.00	55.40	33.80	5.50	7.96	-1.00
18	59.04	13.00	55.40	33.80	5.10	7.94	-1.00

DEPTH METERS	FEET	TEMPERATURE		SALINITY PPT	D.O2 PPM	PH	TURBIDITY %
		C	F				
00	0.0	19.40	66.92	32.60	9.10	8.07	-1.00
01	3.28	19.40	66.92	33.10	8.20	8.10	-1.00
02	6.56	19.40	66.92	33.30	8.40	8.10	-1.00
03	9.84	19.20	66.56	33.40	8.20	8.11	-1.00
04	13.12	19.10	66.38	33.50	7.50	8.09	-1.00
05	16.40	18.90	65.80	33.50	6.70	8.07	-1.00
06	19.68	18.10	64.58	32.60	5.40	8.05	-1.00
07	22.96	17.70	63.86	33.70	6.40	8.04	-1.00
08	26.24	17.40	63.32	33.70	6.30	8.03	-1.00
09	29.52	17.10	62.78	33.80	5.00	8.01	-1.00
10	32.80	16.90	62.42	33.80	5.80	8.00	-1.00
11	36.08	16.60	61.88	33.80	5.70	7.99	-1.00
12	39.36	15.80	60.44	34.00	5.00	7.97	-1.00
13	42.64	14.80	58.64	34.20	4.70	7.96	-1.00
14	45.92	14.60	58.08	33.80	4.70	7.95	-1.00
15	49.20	14.70	58.46	33.70	4.70	7.96	-1.00
16	52.48	14.60	58.28	33.60	4.70	7.96	-1.00
17	55.76	14.60	58.28	33.60	4.50	7.94	-1.00
18	59.04	14.30	57.74	33.60	4.40	7.92	-1.00
19	62.32	14.20	57.56	33.60	4.30	7.91	-1.00

DATE: JUNE 1973  
STATION: RA LB #87 BUOY

DATE: AUGUST 1973  
STATION: RA LB #87 BUOY

DEPTH METERS	FEET	TEMPERATURE		SALINITY PPT	D.O2 PPM	PH	TURBIDITY %
		C	F				
00	0.0	17.90	64.22	33.40	7.90	8.31	78.00
01	3.28	17.90	64.22	33.40	7.80	8.31	78.50
02	6.56	17.80	64.04	33.50	7.50	8.29	77.00
03	9.84	17.40	63.32	33.50	7.50	8.27	76.50
04	13.12	17.30	63.14	33.50	7.10	8.26	77.50
05	16.40	17.20	62.96	33.50	7.10	8.25	78.00
06	19.68	17.00	62.60	33.60	6.80	8.24	78.00
07	22.96	16.80	62.24	33.60	6.70	8.21	78.50
08	26.24	16.50	61.70	33.70	6.30	8.20	79.50
09	29.52	16.30	61.34	33.70	6.00	8.17	80.00
10	32.80	16.00	60.80	33.70	6.00	8.16	77.50
11	36.08	15.40	59.72	33.80	5.60	8.10	75.50
12	39.36	14.80	58.64	33.80	4.90	8.05	76.00
13	42.64	14.40	57.92	33.60	4.80	8.02	74.00
14	45.92	14.50	58.10	33.70	5.10	8.04	74.00
15	49.20	14.40	57.92	33.60	4.80	8.02	74.00
16	52.48	14.10	57.38	33.70	4.60	8.00	75.00
17	55.76	13.90	57.02	33.70	4.40	7.99	74.00
18	59.04	13.80	56.84	33.70	4.40	7.97	71.50
19	62.32	13.60	56.48	33.70	3.90	7.94	70.00

DEPTH METERS	FEET	TEMPERATURE		SALINITY PPT	D.O2 PPM	PH	TURBIDITY %
		C	F				
00	0.0	16.90	62.42	33.60	9.50	8.28	-1.00
01	3.28	16.90	62.42	33.30	9.20	8.10	-1.00
02	6.56	16.80	62.24	33.30	9.30	8.30	-1.00
03	9.84	16.80	62.24	33.30	9.00	8.30	-1.00
04	13.12	16.20	61.16	33.40	8.60	8.24	-1.00
05	16.40	16.70	62.06	33.30	8.40	8.24	-1.00
06	19.68	16.80	62.24	33.30	8.30	8.23	-1.00
07	22.96	16.40	61.32	33.00	8.00	8.18	-1.00
08	26.24	16.40	61.52	33.40	7.20	8.12	-1.00
09	29.52	16.20	61.16	33.60	6.80	8.08	-1.00
10	32.80	15.40	59.72	33.50	6.40	8.05	-1.00
11	36.08	15.40	59.72	33.40	6.20	8.03	-1.00
12	39.36	14.80	58.64	33.60	6.10	8.00	-1.00
13	42.64	14.90	58.82	33.40	5.70	7.98	-1.00
14	45.92	14.80	58.64	33.40	5.70	7.97	-1.00
15	49.20	14.70	58.46	33.40	5.50	7.95	-1.00
16	52.48	14.30	57.74	33.40	4.80	7.90	-1.00
17	55.76	14.20	57.56	33.40	4.60	7.87	-1.00

MISSING DATA VALUE IS -1.00

MISSING DATA VALUE IS -1.00

DATE: SEPTEMBER 1973

STATION: H4 LB "B" BUOY

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PPT	D.O.2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	17.70	63.86	33.20	9.40	-1.00	76.00
01	3.28	17.70	63.86	33.20	10.00	-1.00	77.50
02	6.56	17.70	63.86	33.20	9.30	-1.00	77.00
03	9.84	17.70	63.86	33.20	9.50	-1.00	80.00
04	13.12	17.70	63.68	33.30	8.80	-1.00	82.00
05	16.40	17.50	63.50	33.30	8.40	-1.00	84.00
06	19.68	17.40	63.50	33.30	8.20	-1.00	84.50
07	22.96	17.40	63.32	33.30	8.20	-1.00	85.00
08	26.24	17.40	63.32	33.30	8.20	-1.00	85.00
09	29.52	17.40	63.32	33.30	8.20	-1.00	85.00
10	32.80	17.30	63.14	33.30	8.20	-1.00	85.50
11	36.08	17.10	62.78	33.40	8.00	-1.00	85.00
12	39.36	16.80	62.24	33.50	7.60	-1.00	84.00
13	42.64	16.70	62.06	33.40	7.60	-1.00	81.00
14	45.92	16.70	62.06	33.40	7.60	-1.00	83.00
15	49.20	15.80	60.45	33.70	7.00	-1.00	81.00
16	52.48	15.40	59.72	33.60	6.80	-1.00	77.00
17	55.76	15.20	59.36	33.60	6.40	-1.00	75.00
18	59.04	15.10	59.18	33.50	6.40	-1.00	74.00
19	62.32	15.00	59.00	33.40	5.80	-1.00	72.50
20	65.60	14.80	58.64	33.60	5.90	-1.00	68.50
21	68.88	14.90	58.82	33.60	6.20	-1.00	-1.00

DATE: NOVEMBER 1973

STATION: H4 LB "B" BUOY

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PPT	D.O.2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	15.20	59.36	33.70	5.60	7.36	77.50
01	3.28	15.20	59.36	33.70	5.80	7.17	80.00
02	6.56	15.20	59.36	33.60	5.90	7.37	82.00
03	9.84	15.20	59.36	33.70	5.90	7.38	83.00
04	13.12	15.00	59.00	33.80	5.70	7.39	84.00
05	16.40	15.00	59.00	33.80	5.70	7.39	85.00
06	19.68	15.00	59.00	33.80	5.70	7.39	85.00
07	22.96	15.40	59.00	33.80	5.70	7.40	85.50
08	26.24	15.00	59.00	33.70	5.70	7.41	85.00
09	29.52	14.90	58.82	33.80	5.80	7.41	85.50
10	32.80	14.90	58.82	33.80	5.80	7.41	86.00
11	36.08	14.80	58.64	33.90	5.70	7.41	85.50
12	39.36	14.80	58.28	34.00	5.90	7.42	86.00
13	42.64	14.80	58.10	34.10	5.90	7.43	86.00
14	45.92	14.40	57.92	34.10	5.90	7.43	85.50
15	49.20	14.30	57.74	34.20	6.00	7.43	85.00
16	52.48	14.20	57.56	34.10	5.90	7.43	85.00
17	55.76	14.20	57.56	34.00	6.00	7.44	84.50
18	59.04	14.20	57.56	34.00	6.00	7.44	82.00
19	62.32	14.10	57.38	34.10	6.00	7.44	79.50

DATE: DECEMBER 1973

STATION: H4 LB "B" BUOY

DATE: OCTOBER 1973

STATION: H4 LB "B" BUOY

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PPT	D.O.2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	16.90	62.42	33.80	8.80	8.26	74.00
01	3.28	16.90	62.42	33.70	8.10	8.27	75.00
02	6.56	16.80	62.24	33.40	8.00	8.27	77.00
03	9.84	16.70	62.06	33.40	7.80	8.27	76.00
04	13.12	16.70	62.06	33.60	7.80	8.28	76.00
05	16.40	16.70	62.06	33.60	8.00	8.28	76.00
06	19.68	16.80	61.88	33.70	7.80	8.28	78.00
07	22.96	16.50	61.70	33.70	7.40	8.26	80.00
08	26.24	16.40	61.52	33.60	7.20	8.24	81.00
09	29.52	16.30	61.34	33.60	7.20	8.24	84.00
10	32.80	16.20	61.16	33.60	7.20	8.24	83.00
11	36.08	16.20	61.16	33.60	7.20	8.24	81.00
12	39.36	16.20	61.16	33.60	7.30	8.24	82.00
13	42.64	15.80	60.44	33.80	7.20	8.22	81.00
14	45.92	15.50	59.90	33.90	7.00	8.21	79.00
15	49.20	15.50	59.90	33.90	6.90	8.21	77.00
16	52.48	15.40	59.72	33.80	6.80	8.20	72.00
17	55.76	15.20	59.36	33.70	7.00	8.20	72.00
18	59.04	15.10	59.18	33.80	6.70	8.20	69.00
19	62.32	15.10	59.18	33.80	6.00	8.20	70.00

MISSING DATA VALUE IS -1.0

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PPT	D.O.2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	-1.00	-1.00	-1.00	5.80	7.29	79.00
01	3.28	-1.00	-1.00	-1.00	5.60	7.45	82.00
02	6.56	-1.00	-1.00	-1.00	5.90	7.56	81.50
03	9.84	-1.00	-1.00	-1.00	5.70	7.98	81.50
04	13.12	-1.00	-1.00	-1.00	6.20	8.00	82.00
05	16.40	-1.00	-1.00	-1.00	6.30	8.04	81.50
06	19.68	-1.00	-1.00	-1.00	6.40	8.04	83.00
07	22.96	-1.00	-1.00	-1.00	6.20	8.04	82.50
08	26.24	-1.00	-1.00	-1.00	6.10	8.04	83.00
09	29.52	-1.00	-1.00	-1.00	6.20	8.04	83.00
10	32.80	-1.00	-1.00	-1.00	6.40	8.04	83.00
11	36.08	-1.00	-1.00	-1.00	6.20	8.05	83.00
12	39.36	-1.00	-1.00	-1.00	6.20	8.35	83.00
13	42.64	-1.00	-1.00	-1.00	6.40	8.35	82.50
14	45.92	-1.00	-1.00	-1.00	6.20	8.35	82.50
15	49.20	-1.00	-1.00	-1.00	6.20	8.36	82.00
16	52.48	-1.00	-1.00	-1.00	6.30	8.07	82.00
17	55.76	-1.00	-1.00	-1.00	6.20	8.07	82.00
18	59.04	-1.00	-1.00	-1.00	6.20	8.08	81.50
19	62.32	-1.00	-1.00	-1.00	6.20	8.07	82.00

MISSING DATA VALUE IS -1.0

DATE: JANUARY 1974  
STATION: 94 LB "B" BUOY

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O2 PPM	PH M. ION CONC.	TURBIDITY %
00	0.0	13.10	55.94	31.20	7.00	7.64	75.00
01	3.28	13.20	55.76	32.30	7.00	7.66	85.50
02	6.56	11.20	55.76	32.80	7.10	7.74	85.50
03	9.84	13.20	55.76	32.90	7.10	7.77	85.50
04	13.12	13.20	55.76	33.00	7.30	7.80	85.50
05	16.40	13.20	55.76	33.20	7.40	7.82	85.50
06	19.68	13.10	55.58	33.30	7.60	7.85	85.00
07	22.96	13.00	55.40	33.40	7.70	7.88	85.50
08	26.24	13.00	55.40	33.50	7.80	7.90	78.00
09	29.52	13.00	55.40	33.50	7.90	7.91	80.00
10	32.80	13.00	55.40	33.50	7.90	7.92	81.00
11	36.08	13.00	55.40	33.60	7.90	7.92	81.50
12	39.36	12.90	55.22	33.60	8.00	7.94	82.00
13	42.64	12.90	55.22	33.65	8.00	7.94	80.50
14	45.92	12.90	55.22	33.65	8.00	7.94	77.00
15	49.20	12.80	55.04	33.65	8.00	7.94	77.00
16	52.48	12.80	55.04	33.65	8.10	7.94	77.00
17	55.76	12.80	55.04	33.70	8.10	7.94	77.50
18	59.04	12.80	55.04	33.70	8.10	7.93	79.00

DATE: MARCH 1974  
STATION: 94 LB "B" BUOY

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O2 PPM	PH M. ION CONC.	TURBIDITY %
00	0.0	14.50	58.10	31.80	8.40	7.44	73.00
01	3.28	14.50	58.10	32.05	8.50	7.42	80.00
02	6.56	14.30	57.74	32.45	8.70	7.42	82.00
03	9.84	14.10	57.38	32.75	8.80	7.39	83.50
04	13.12	13.90	57.02	32.95	8.90	7.31	86.00
05	16.40	13.80	56.84	33.05	8.10	7.27	88.50
06	19.68	13.80	56.84	33.05	8.00	7.25	88.50
07	22.96	13.70	56.66	33.20	7.90	7.22	89.00
08	26.24	13.60	56.48	33.25	7.90	7.22	89.00
09	29.52	13.60	56.48	33.30	7.80	7.19	86.50
10	32.80	13.50	56.30	33.35	7.80	7.15	86.00
11	36.08	13.50	56.30	33.35	7.80	7.11	83.00
12	39.36	13.50	56.30	33.35	7.10	7.10	80.00
13	42.64	13.50	56.30	33.35	7.60	7.16	77.50
14	45.92	13.60	56.30	33.38	7.60	7.16	73.00
15	49.20	13.50	56.30	33.35	7.60	7.15	68.00
16	52.48	13.50	56.30	33.35	7.50	7.12	65.00
17	55.76	13.50	56.30	33.35	7.30	7.09	62.00
18	59.04	13.50	56.30	33.35	7.20	7.08	54.50

DATE: FEBRUARY 1974  
STATION: 94 LB "B" BUOY

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O2 PPM	PH M. ION CONC.	TURBIDITY %
00	0.0	13.30	55.94	32.90	7.70	-1.00	-1.00
01	3.28	13.30	55.94	33.00	7.40	-1.00	-1.00
02	6.56	13.40	55.94	33.15	7.39	-1.00	-1.00
03	9.84	13.30	55.94	33.20	7.30	-1.00	-1.00
04	13.12	13.30	55.94	33.20	7.30	-1.00	-1.00
05	16.40	13.30	55.94	33.20	7.20	-1.00	-1.00
06	19.68	13.10	55.94	33.30	7.20	-1.00	-1.00
07	22.96	13.30	55.94	33.35	7.20	-1.00	-1.00
08	26.24	13.30	55.94	33.35	7.40	-1.00	-1.00
09	29.52	13.30	55.94	33.40	7.40	-1.00	-1.00
10	32.80	13.30	55.94	33.40	7.40	-1.00	-1.00
11	36.08	13.30	55.94	33.40	7.70	-1.00	-1.00
12	39.36	13.30	55.94	33.40	7.70	-1.00	-1.00
13	42.64	13.30	55.94	33.40	7.60	-1.00	-1.00
14	45.92	13.30	55.94	33.45	7.50	-1.00	-1.00
15	49.20	13.20	55.76	33.45	7.40	-1.00	-1.00
16	52.48	13.20	55.76	33.45	7.30	-1.00	-1.00
17	55.76	13.20	55.76	33.45	7.50	-1.00	-1.00
18	59.04	13.10	55.58	33.50	7.10	-1.00	-1.00

MISSING DATA VALUE IS -1.00

DATE: APRIL 1974  
STATION: 94 LB "B" BUOY

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O2 PPM	PH M. ION CONC.	TURBIDITY %
00	0.0	15.10	59.18	33.50	7.20	-1.00	-1.00
01	3.28	15.10	59.18	33.50	7.30	-1.00	-1.00
02	6.56	15.00	59.00	33.50	7.20	-1.00	-1.00
03	9.84	14.70	58.46	33.50	7.10	-1.00	-1.00
04	13.12	14.60	58.28	33.60	7.50	-1.00	-1.00
05	16.40	14.60	58.28	33.60	7.50	-1.00	-1.00
06	19.68	14.40	57.92	33.80	7.30	-1.00	-1.00
07	22.96	14.20	57.56	33.60	7.40	-1.00	-1.00
08	26.24	14.00	57.20	33.70	7.50	-1.00	-1.00
09	29.52	13.80	56.84	33.90	7.40	-1.00	-1.00
10	32.80	13.60	56.48	33.90	7.30	-1.00	-1.00
11	36.08	12.60	54.68	34.00	6.80	-1.00	-1.00
12	39.36	12.20	53.96	34.00	6.70	-1.00	-1.00
13	42.64	12.20	53.96	34.00	6.80	-1.00	-1.00
14	45.92	12.10	53.78	33.90	6.50	-1.00	-1.00
15	49.20	12.00	53.60	33.90	6.40	-1.00	-1.00
16	52.48	11.90	53.42	33.90	6.00	-1.00	-1.00
17	55.76	11.80	53.24	33.80	5.80	-1.00	-1.00
18	59.04	11.70	53.06	33.80	5.80	-1.00	-1.00
19	62.32	11.50	52.70	33.90	5.40	-1.00	-1.00

MISSING DATA VALUE IS -1.00

DATE: MAY 1974  
STATION: 84 LB "B" BUOY

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY † ‰	D.O.2 PPM	PH	TURBIDITY %
00	0.0	14.90	58.82	31.75	7.50	7.32	85.00
01	3.28	14.90	58.82	31.75	6.90	7.32	85.00
02	6.55	14.90	58.82	31.75	6.90	7.32	85.50
03	9.84	14.90	58.82	31.75	6.80	7.33	86.00
04	13.12	14.90	58.82	31.75	6.80	7.33	85.00
05	16.40	14.90	58.82	31.70	6.80	7.33	85.00
06	19.68	14.90	58.82	31.75	6.80	7.33	85.00
07	22.96	14.90	58.82	31.75	6.70	7.33	84.50
08	26.24	14.80	58.64	31.75	6.70	7.33	84.00
09	29.52	14.70	58.46	31.75	6.50	7.32	83.00
10	32.80	14.50	58.10	31.85	6.30	7.32	78.50
11	36.08	14.30	57.74	31.85	6.20	7.32	72.00
12	39.36	14.00	57.20	31.85	6.00	7.31	71.00
13	42.64	13.90	57.02	31.85	5.90	7.31	71.00
14	45.92	13.90	57.02	31.85	5.90	7.31	71.00
15	49.20	13.90	57.02	31.85	5.90	7.31	71.50
16	52.48	13.80	56.84	31.85	5.80	7.30	69.50
17	55.76	13.70	56.66	31.85	5.60	7.30	64.00
18	59.04	13.60	56.48	31.85	5.20	7.29	62.00

\* Possible probe malfunction

DATE: JULY 1974  
STATION: 84 LB "B" BUOY

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY † ‰	D.O.2 PPM	PH	TURBIDITY %
00	0.0	19.00	66.20	-1.00	10.20	-1.00	75.00
01	3.28	19.00	66.20	-1.00	10.20	-1.00	74.50
02	6.56	18.90	66.02	-1.00	10.70	-1.00	73.50
03	9.84	18.70	65.66	-1.00	10.60	-1.00	73.50
04	13.12	18.30	64.94	-1.00	10.20	-1.00	73.00
05	16.40	18.30	64.94	-1.00	10.10	-1.00	73.50
06	19.68	17.20	62.96	-1.00	9.20	-1.00	74.50
07	22.96	17.00	62.60	-1.00	8.60	-1.00	75.00
08	26.24	16.90	62.42	-1.00	8.70	-1.00	75.50
09	29.52	16.70	62.06	-1.00	8.20	-1.00	75.50
10	32.80	16.30	61.34	-1.00	8.00	-1.00	76.00
11	36.08	16.10	60.98	-1.00	7.90	-1.00	76.00
12	39.36	16.10	60.98	-1.00	7.80	-1.00	76.00
13	42.64	15.50	59.90	-1.00	7.20	-1.00	74.50
14	45.92	15.10	59.18	-1.00	6.30	-1.00	73.50
15	49.20	14.50	58.10	-1.00	5.60	-1.00	70.50
16	52.48	14.50	58.10	-1.00	5.40	-1.00	67.00
17	55.76	14.30	57.74	-1.00	5.40	-1.00	61.50
18	59.04	14.40	57.92	-1.00	5.30	-1.00	58.00
19	62.32	14.40	57.92	-1.00	5.20	-1.00	58.00

DATE: JUNE 1974  
STATION: 84 LB "B" BUOY

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY † ‰	D.O.2 PPM	PH	TURBIDITY %
00	0.0	17.60	63.68	31.00	12.40	-1.00	47.00
01	3.28	17.60	63.68	31.00	12.10	-1.00	66.00
02	6.56	17.40	63.50	31.00	11.50	-1.00	66.50
03	9.84	17.20	62.96	30.90	9.80	-1.00	68.50
04	13.12	17.00	62.60	31.10	9.80	-1.00	70.00
05	16.40	16.80	62.24	30.90	9.10	-1.00	70.50
06	19.68	16.10	60.98	31.40	7.60	-1.00	71.50
07	22.96	16.00	60.80	31.30	7.70	-1.00	71.50
08	26.24	15.90	60.62	31.30	7.40	-1.00	70.50
09	29.52	15.80	60.44	31.40	7.50	-1.00	71.00
10	32.80	15.80	60.44	31.30	7.40	-1.00	71.50
11	36.08	15.70	60.26	31.10	6.80	-1.00	71.00
12	39.36	15.50	59.90	31.30	6.30	-1.00	71.50
13	42.64	15.30	59.54	31.30	6.50	-1.00	66.50
14	45.92	15.10	59.18	31.30	6.80	-1.00	66.00
15	49.20	15.00	59.00	31.60	6.80	-1.00	67.00
16	52.48	15.00	59.00	31.60	6.00	-1.00	56.00
17	55.76	14.80	58.64	31.60	5.50	-1.00	57.00
18	59.04	14.70	58.46	31.50	5.30	-1.00	56.50
19	62.32	14.60	58.28	31.60	4.60	-1.00	-1.00

\* Possible probe malfunction

MISSING DATA VALUE IS -1.0

DATE: AUGUST 1974  
STATION: 84 LB "B" BUOY

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY † ‰	D.O.2 PPM	PH	TURBIDITY %
00	0.0	19.90	67.82	32.70	9.30	-1.00	78.00
01	3.28	19.90	67.82	32.70	8.90	-1.00	78.50
02	6.56	19.70	67.46	32.90	8.80	-1.00	79.50
03	9.84	19.60	67.28	32.90	8.60	-1.00	78.00
04	13.12	19.00	66.20	33.10	7.90	-1.00	80.00
05	16.40	18.90	65.30	33.00	6.90	-1.00	82.00
06	19.68	18.30	64.94	33.00	6.00	-1.00	82.00
07	22.96	18.00	64.40	33.20	6.10	-1.00	80.50
08	26.24	18.00	64.40	33.20	6.10	-1.00	78.00
09	29.52	17.90	64.22	33.40	6.60	-1.00	75.00
10	32.80	17.00	62.60	33.40	5.30	-1.00	73.50
11	36.08	16.90	62.42	33.30	5.20	-1.00	74.00
12	39.36	16.90	62.42	33.30	5.10	-1.00	75.00
13	42.64	16.70	62.06	33.20	4.70	-1.00	71.50
14	45.92	16.00	60.80	33.40	4.00	-1.00	65.00
15	49.20	15.90	60.62	33.40	3.90	-1.00	59.00
16	52.48	15.80	60.44	33.50	3.80	-1.00	57.00
17	55.76	15.80	60.44	33.50	3.70	-1.00	56.00
18	59.04	15.80	60.44	33.50	3.80	-1.00	54.00
19	62.32	15.80	60.44	33.50	3.70	-1.00	51.00
20	65.60	15.80	60.44	33.50	3.70	-1.00	-1.00

MISSING DATA VALUE IS -1.0

DATE: SEPTEMBER 1974

STATION: 84 LB "B" BUOY

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O.2 PPM	PH	TURBIDITY %
00	0.0	19.30	66.74	33.00	6.80	8.17	71.50
01	3.28	19.30	66.74	33.20	6.50	8.16	72.50
02	6.56	19.10	66.38	33.30	6.80	8.14	72.00
03	9.84	19.20	66.56	33.40	6.20	8.04	74.00
04	13.12	19.10	66.38	33.50	5.90	7.98	75.50
05	16.40	19.00	66.20	33.50	5.40	7.90	77.50
06	19.68	18.90	66.02	33.60	4.70	7.86	78.50
07	22.96	18.60	65.48	33.60	4.40	7.83	79.00
08	26.24	18.20	64.76	33.50	3.40	7.77	80.00
09	29.52	17.40	63.68	34.00	3.70	7.75	80.50
10	32.80	17.30	63.14	33.70	2.40	7.65	81.00
11	36.08	16.70	62.06	33.50	2.40	7.70	80.50
12	39.36	16.40	61.52	34.00	2.60	7.66	80.00
13	42.64	16.30	61.34	33.70	2.80	7.69	79.50
14	45.92	16.20	61.16	33.60	2.50	7.66	79.00
15	49.20	15.80	60.44	33.70	2.40	7.65	76.00
16	52.48	15.70	60.26	33.60	2.00	7.61	72.50
17	55.76	15.50	59.90	33.60	1.80	7.56	66.00
18	59.04	15.20	59.36	33.60	1.40	7.58	58.00

DATE: NOVEMBER 1974

STATION: 84 LB "B" BUOY

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O.2 PPM	PH	TURBIDITY %
00	0.0	15.00	59.00	33.50	9.40	8.12	76.00
01	3.28	15.00	59.00	33.60	9.40	8.12	81.50
02	6.56	15.00	59.00	33.60	9.40	8.12	84.50
03	9.84	14.90	58.82	33.60	9.70	8.11	84.50
04	13.12	14.90	58.82	33.60	8.60	8.11	85.00
05	16.40	14.90	58.82	33.60	8.60	8.11	85.50
06	19.68	14.90	58.82	33.60	8.80	8.10	85.00
07	22.96	14.80	58.64	33.60	8.60	8.10	85.00
08	26.24	14.80	58.64	33.60	8.80	8.10	85.00
09	29.52	14.70	58.46	33.60	8.80	8.10	85.50
10	32.80	14.70	58.46	33.60	8.40	8.10	84.50
11	36.08	14.70	58.46	33.60	9.50	8.10	80.00
12	39.36	14.70	58.46	33.60	8.60	8.10	78.00
13	42.64	14.70	58.46	33.60	8.60	8.10	76.00
14	45.92	14.60	58.28	33.60	8.70	8.11	71.50
15	49.20	14.60	58.28	33.60	9.00	8.11	68.50
16	52.48	14.60	58.28	33.70	9.30	8.12	66.50
17	55.76	14.60	58.28	33.70	8.80	8.11	68.50

DATE: OCTOBER 1974

STATION: 84 LB "B" BUOY

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O.2 PPM	PH	TURBIDITY %
00	0.0	16.00	60.80	33.30	7.30	7.90	58.50
01	3.28	15.90	60.62	33.30	7.00	7.96	73.50
02	6.56	15.70	60.26	33.30	6.90	7.97	85.00
03	9.84	15.50	59.90	33.50	7.00	7.98	84.50
04	13.12	15.50	59.90	33.50	7.10	8.00	85.00
05	16.40	15.40	59.72	33.50	7.30	8.02	84.50
06	19.68	15.30	59.54	33.50	7.40	8.04	85.50
07	22.96	15.20	59.36	33.60	7.70	8.05	85.00
08	26.24	15.20	59.36	33.40	7.80	8.08	85.50
09	29.52	15.00	59.00	33.40	7.00	8.03	80.00
10	32.80	14.90	58.82	33.30	6.80	8.02	79.00
11	36.08	14.90	58.82	33.50	6.60	8.01	78.50
12	39.36	14.80	58.64	33.50	6.60	8.01	77.00
13	42.64	14.80	58.64	33.50	6.80	8.02	76.50
14	45.92	14.80	58.64	33.50	6.50	8.02	74.00
15	49.20	14.70	58.46	33.50	6.40	8.03	75.00
16	52.48	14.60	58.28	33.50	6.50	8.03	70.50
17	55.76	14.50	58.10	33.50	6.40	8.03	67.00
18	59.04	14.30	57.74	33.80	6.40	8.03	64.00
19	62.32	14.20	57.56	33.90	6.30	8.04	56.00
20	65.60	14.20	57.56	33.90	6.30	8.04	-1.00

MISSING DATA VALUE IS -1.0

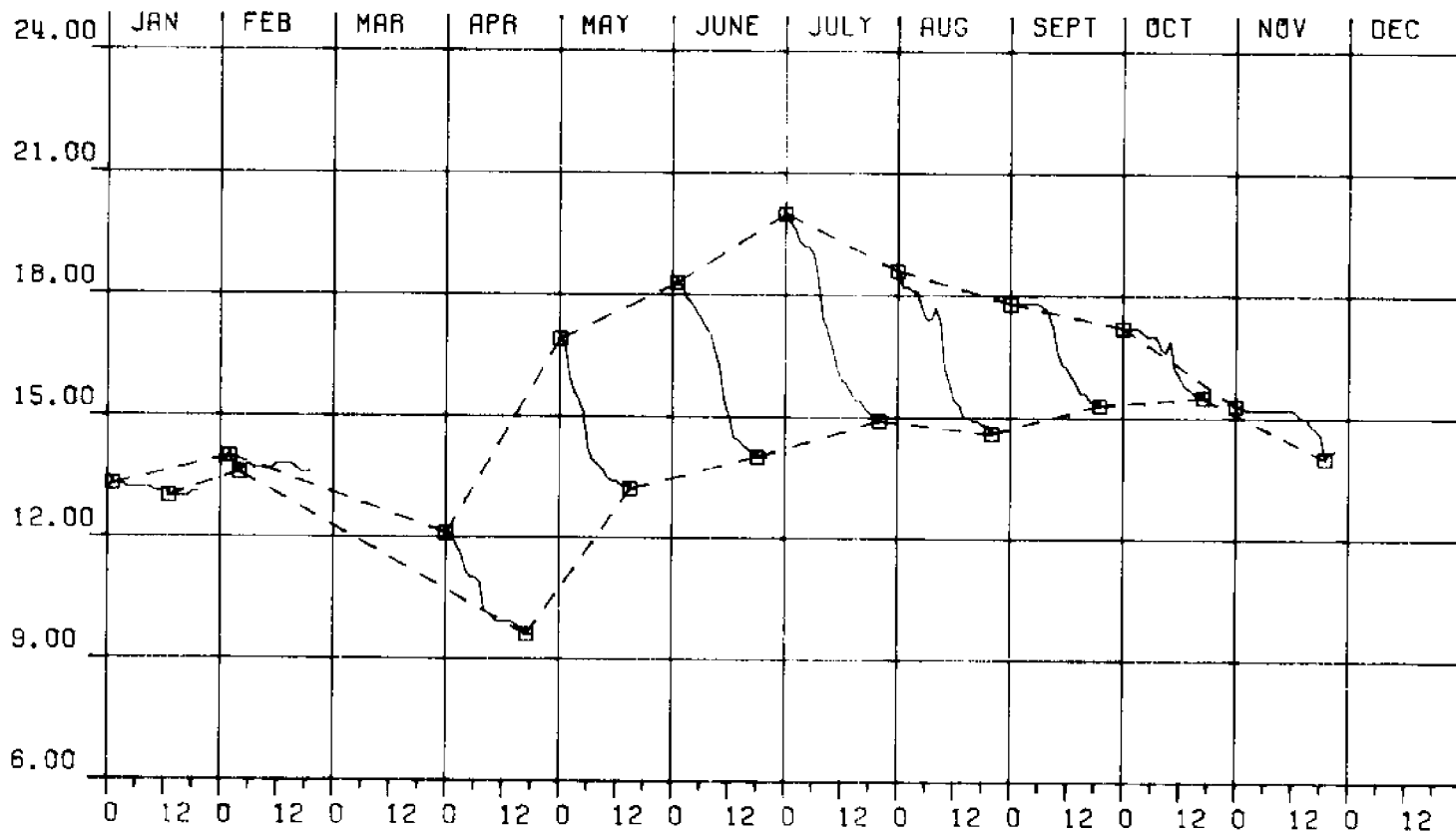
DATE: DECEMBER 1974

STATION: 84 LB "B" BUOY

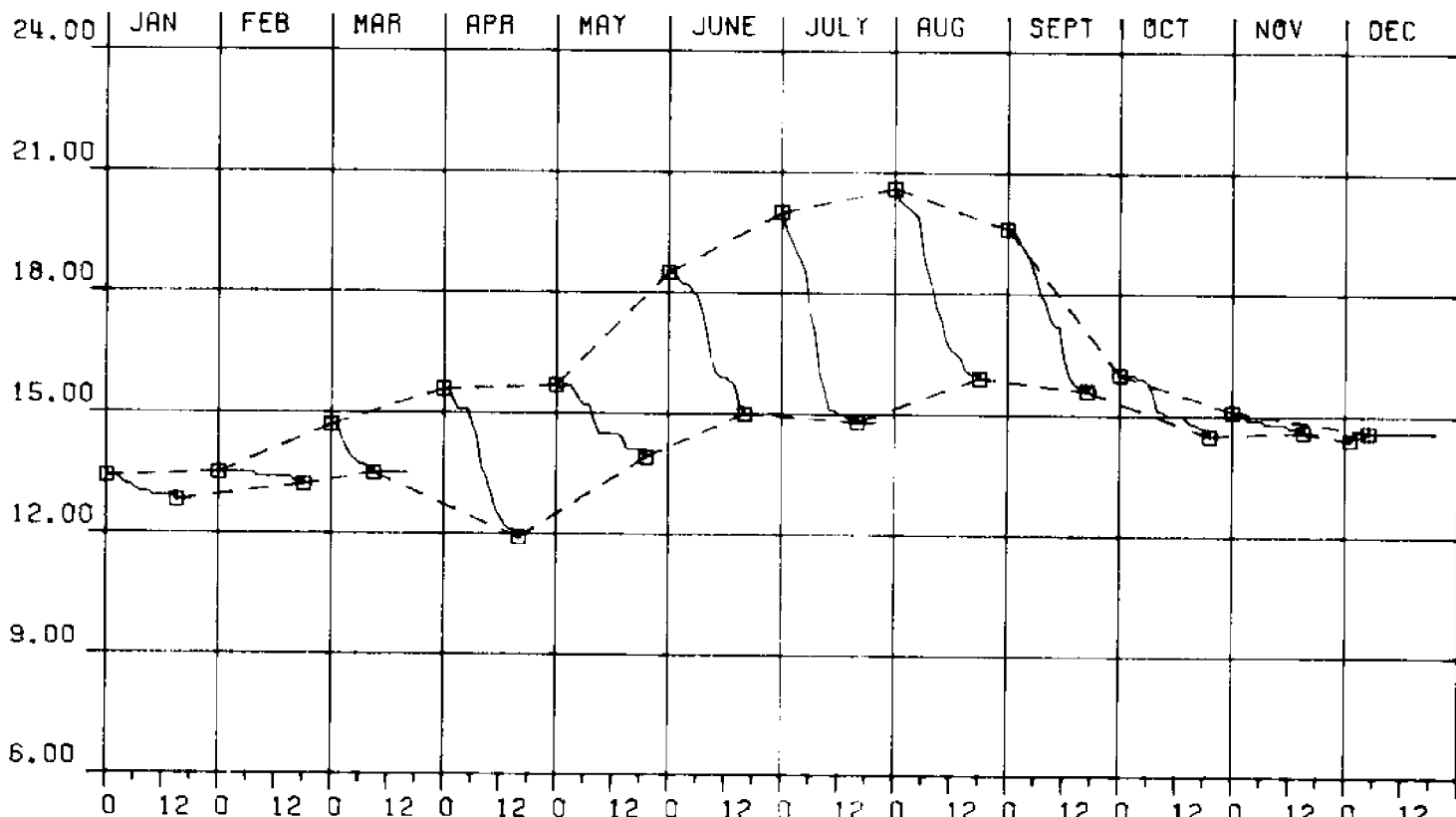
DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O.2 PPM	PH	TURBIDITY %
00	0.0	14.20	57.56	33.90	6.60	8.22	71.50
01	3.28	14.20	57.56	32.30	6.60	8.24	82.00
02	6.56	14.20	57.56	32.50	6.90	8.26	82.00
03	9.84	14.30	57.74	32.60	7.00	8.28	83.00
04	13.12	14.30	57.74	32.80	7.10	8.29	84.00
05	16.40	14.30	57.74	32.80	7.10	8.30	84.00
06	19.68	14.40	57.92	32.80	7.40	8.32	83.50
07	22.96	14.40	57.92	32.90	7.40	8.34	83.50
08	26.24	14.40	57.92	33.00	7.50	8.35	83.00
09	29.52	14.40	57.92	33.00	7.60	8.37	82.00
10	32.80	14.50	58.10	33.10	7.60	8.37	81.50
11	36.08	14.50	58.10	33.20	7.60	8.37	81.00
12	39.36	14.50	58.10	33.30	7.80	8.39	80.50
13	42.64	14.50	58.10	33.30	7.70	8.40	76.50
14	45.92	14.50	58.10	33.40	7.90	8.41	75.00
15	49.20	14.50	58.10	33.40	7.80	8.41	73.50
16	52.48	14.50	58.10	33.40	7.70	8.41	69.00
17	55.76	14.50	58.10	33.40	7.70	8.42	65.00
18	59.04	14.50	58.10	33.40	8.00	8.44	58.00
19	62.32	14.50	58.10	33.40	8.00	8.43	-1.00

MISSING DATA VALUE IS -1.0

B5 GERALD DESMOND BRIDGE FIRE STN  
 DATE: 1973  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. TEMPERATURE CELSIUS

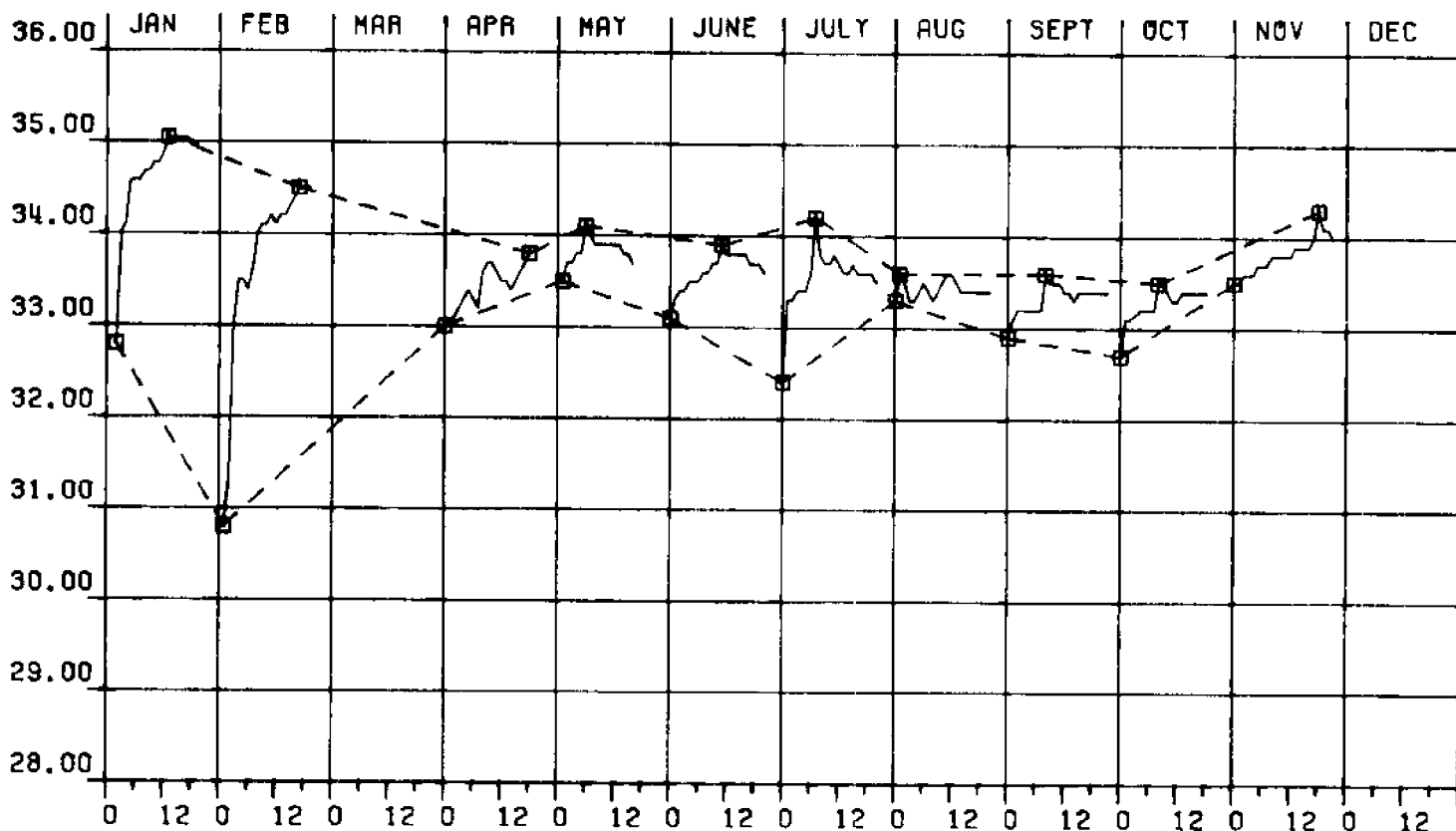


B5 GERALD DESMOND BRIDGE FIRE STN  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. TEMPERATURE CELSIUS

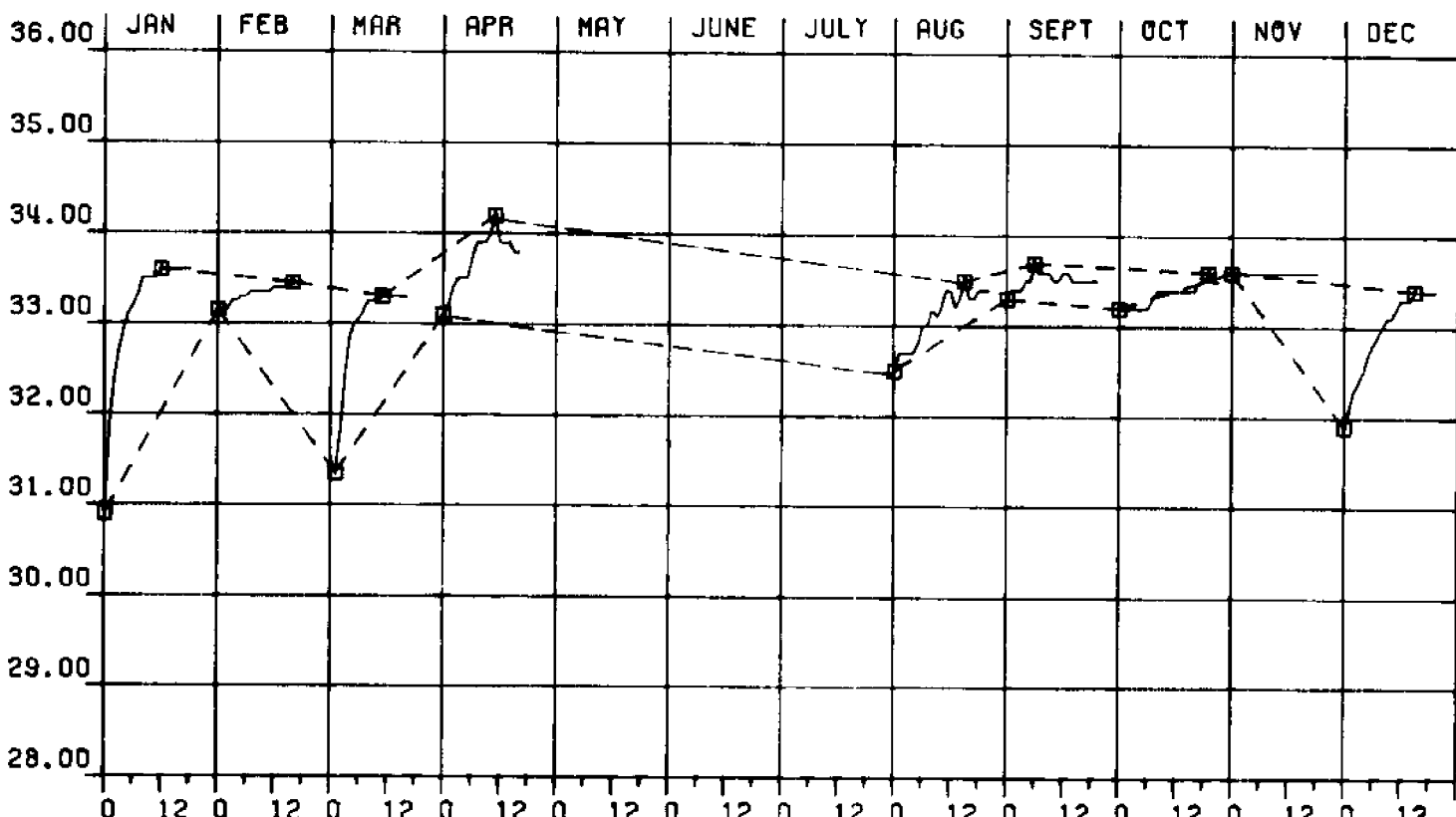




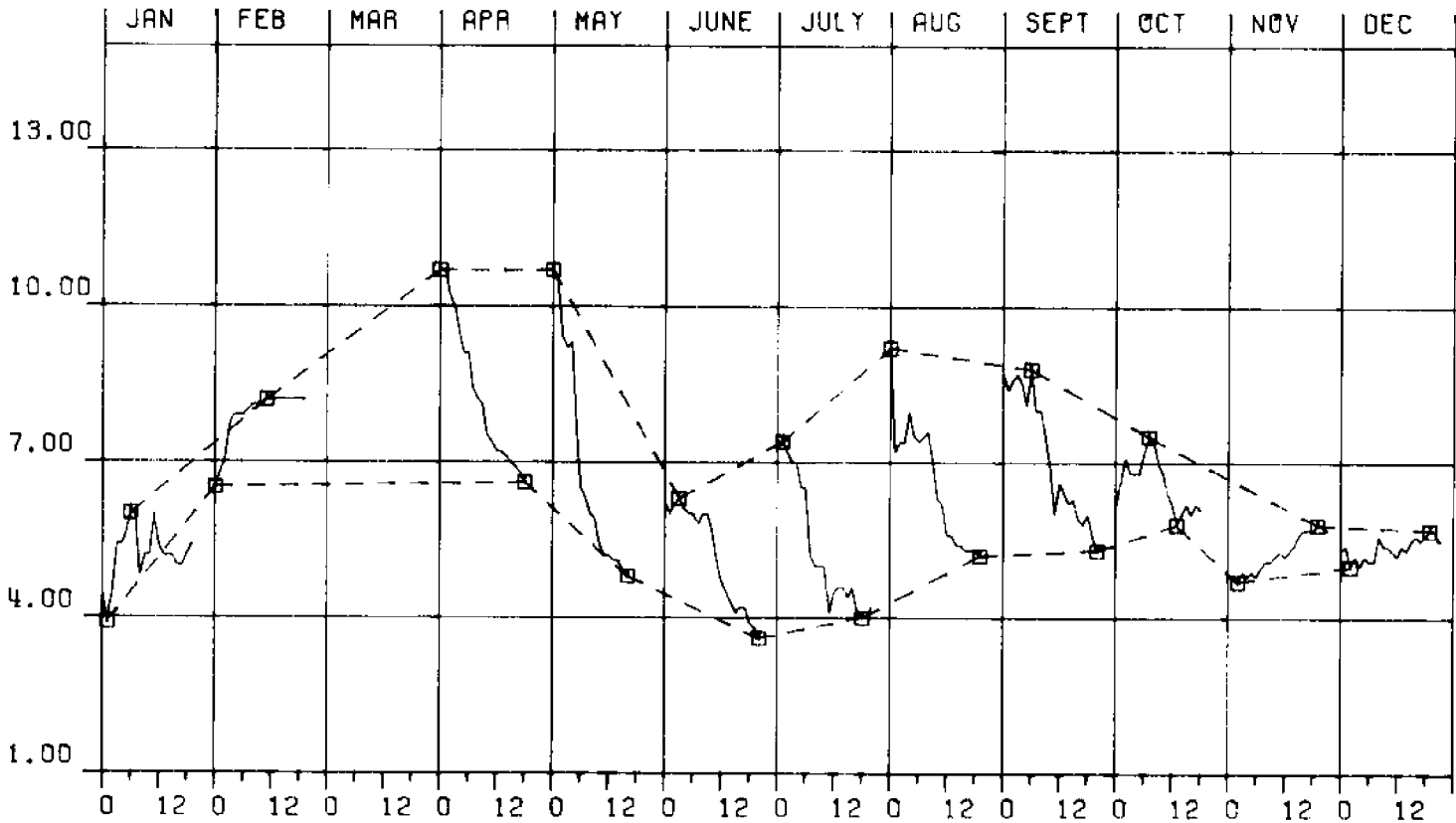
BS GERALD DESMOND BRIDGE FIRE STN  
 DATE: 1973  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. SALINITY PPT



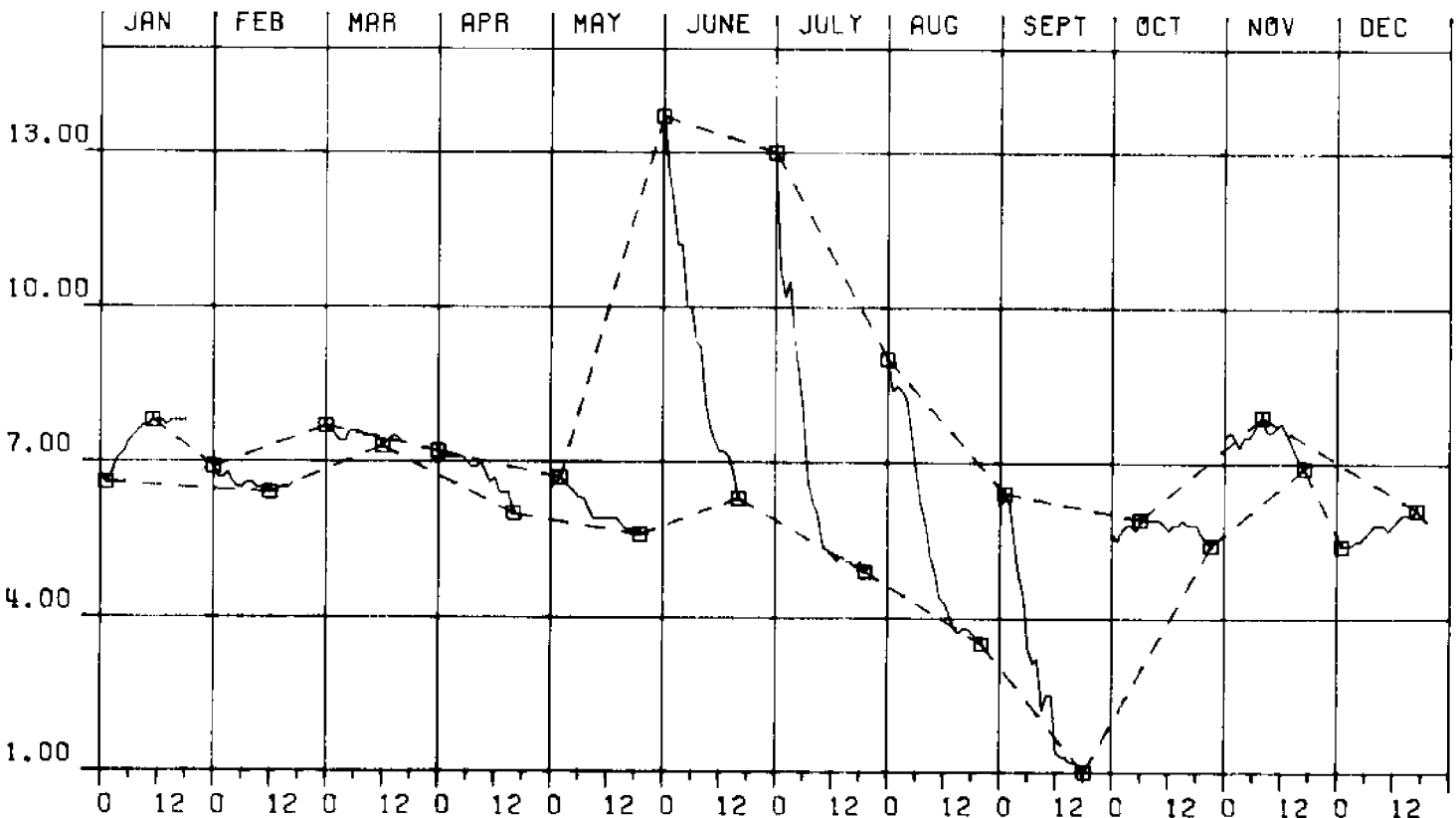
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 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. SALINITY PPT



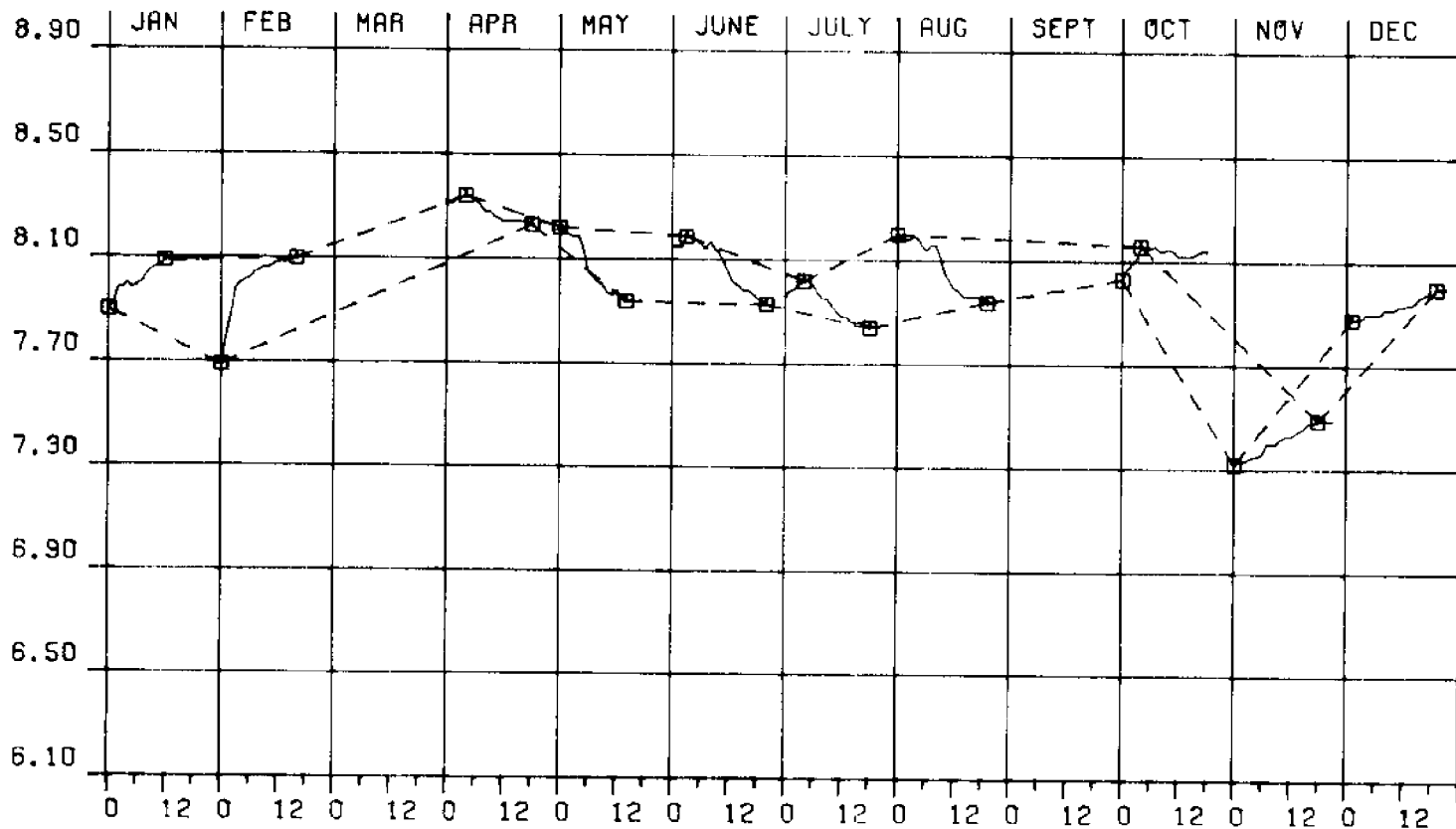
B5 GERALD DESMOND BRIDGE FIRE STN  
 DATE: 1973  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. DISSOLVED OXYGEN PPM



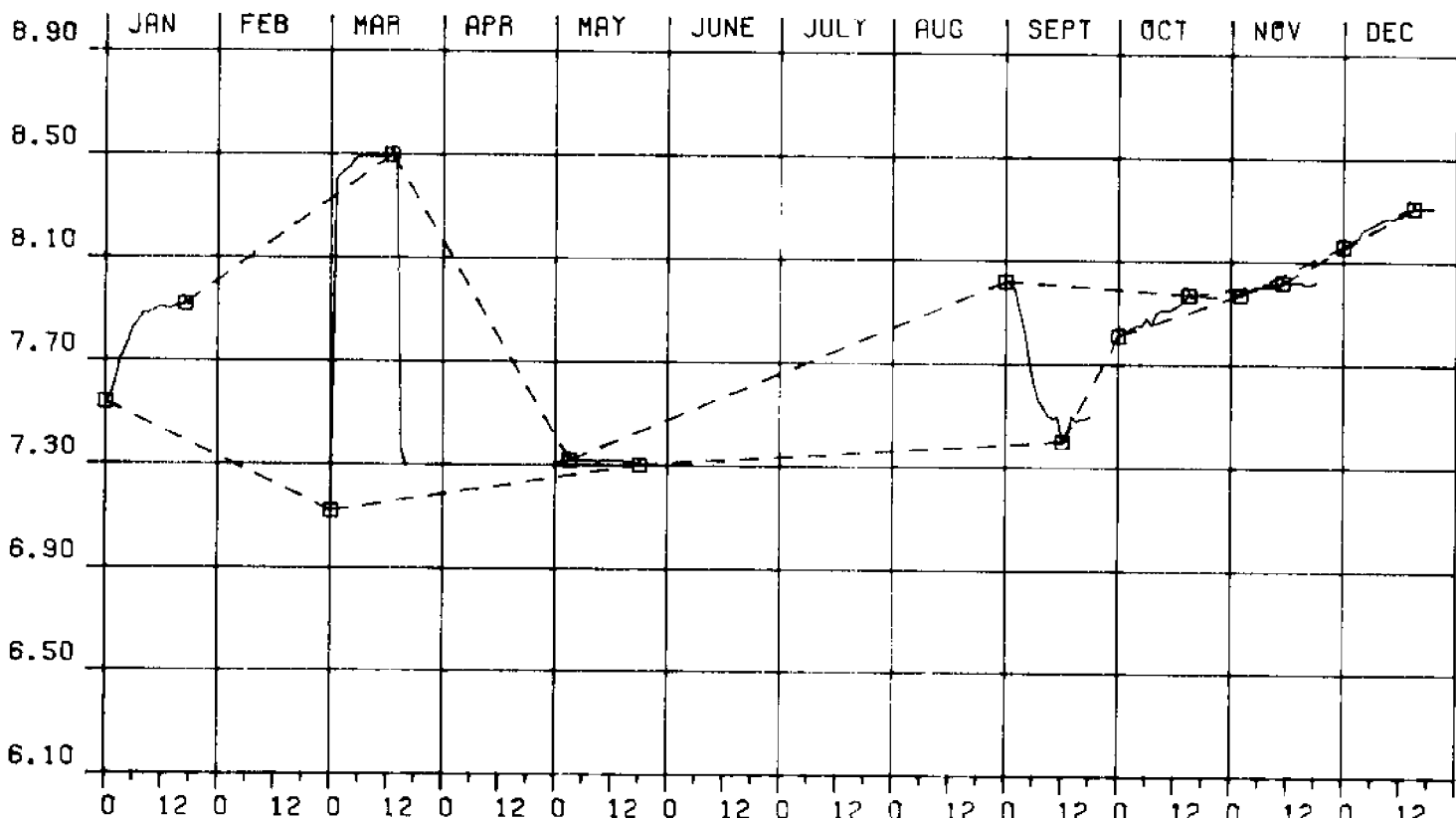
B5 GERALD DESMOND BRIDGE FIRE STN  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. DISSOLVED OXYGEN PPM



B5 GERALD DESMOND BRIDGE FIRE STN  
 DATE: 1973  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. PH H ION CONC



B5 GERALD DESMOND BRIDGE FIRE STN  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. PH H ION CONC



DATE: FEBRUARY 1973

STATION: 85 GERALD DESHOND (FUDGE FIRE) STN.

DATE: MARCH 1973

STATION: 85 FIRE STATION

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	CHLORIDE PPM	PH	TURBIDITY %
00	0.0	13.00	55.40	34.90	4.40	7.77	-1.00
01	3.0	13.00	55.40	34.90	4.40	7.77	-1.00
02	6.0	13.00	55.40	34.90	4.40	7.77	-1.00
03	9.0	13.00	55.40	34.90	4.40	7.77	-1.00
04	12.0	13.00	55.40	34.90	4.40	7.77	-1.00
05	15.0	13.00	55.40	34.90	4.40	7.77	-1.00
06	18.0	13.00	55.40	34.90	4.40	7.77	-1.00
07	21.0	13.00	55.40	34.90	4.40	7.77	-1.00
08	24.0	13.00	55.40	34.90	4.40	7.77	-1.00
09	27.0	13.00	55.40	34.90	4.40	7.77	-1.00
10	30.0	13.00	55.40	34.90	4.40	7.77	-1.00
11	33.0	13.00	55.40	34.90	4.40	7.77	-1.00
12	36.0	13.00	55.40	34.90	4.40	7.77	-1.00
13	39.0	13.00	55.40	34.90	4.40	7.77	-1.00
14	42.0	13.00	55.40	34.90	4.40	7.77	-1.00
15	45.0	13.00	55.40	34.90	4.40	7.77	-1.00
16	48.0	13.00	55.40	34.90	4.40	7.77	-1.00
17	51.0	13.00	55.40	34.90	4.40	7.77	-1.00
18	54.0	13.00	55.40	34.90	4.40	7.77	-1.00
19	57.0	13.00	55.40	34.90	4.40	7.77	-1.00

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	CHLORIDE PPM	PH	TURBIDITY %
0	0.0	13.60	56.48	31.70	8.50	8.11	-1.00
1	3.28	13.60	56.48	31.70	8.50	8.11	-1.00
2	6.56	13.60	56.48	31.70	8.50	8.11	-1.00
3	9.84	13.60	56.48	31.80	8.50	8.12	-1.00
4	13.12	13.00	56.48	32.40	8.20	8.18	-1.00
5	16.40	13.60	56.48	32.60	8.30	8.19	-1.00
6	19.68	13.50	56.30	32.70	8.20	8.19	-1.00
7	22.96	13.50	56.30	32.80	8.20	8.19	-1.00
8	26.24	13.50	56.30	32.80	8.20	8.19	-1.00
9	29.52	13.50	56.30	32.90	8.20	8.19	-1.00
10	32.80	13.50	56.30	32.90	8.20	8.19	-1.00
11	36.08	13.40	56.12	33.10	8.10	8.19	-1.00
12	39.36	13.40	56.12	33.30	8.10	8.19	-1.00
13	42.64	13.40	56.12	33.30	8.10	8.19	-1.00
14	45.92	13.40	56.12	33.30	8.00	8.19	-1.00
15	49.20	13.40	56.12	33.30	8.00	8.19	-1.00
16	52.48	13.40	56.12	33.40	7.90	8.19	-1.00
17	55.76	13.30	55.94	33.00	7.70	8.19	-1.00
18	59.04	13.20	55.76	33.70	7.50	8.18	-1.00

DATE: FEBRUARY 1973

STATION: 85 GERALD DESHOND (FUDGE FIRE) STN.

DATE: APRIL 1973

STATION: 85 GERALD DESHOND (FUDGE FIRE) STN.

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	CHLORIDE PPM	PH	TURBIDITY %
00	0.0	12.00	53.60	34.00	4.50	7.69	-1.00
01	3.0	12.00	53.60	34.00	4.50	7.69	-1.00
02	6.0	12.00	53.60	34.00	4.50	7.69	-1.00
03	9.0	12.00	53.60	34.00	4.50	7.69	-1.00
04	12.0	12.00	53.60	34.00	4.50	7.69	-1.00
05	15.0	12.00	53.60	34.00	4.50	7.69	-1.00
06	18.0	12.00	53.60	34.00	4.50	7.69	-1.00
07	21.0	12.00	53.60	34.00	4.50	7.69	-1.00
08	24.0	12.00	53.60	34.00	4.50	7.69	-1.00
09	27.0	12.00	53.60	34.00	4.50	7.69	-1.00
10	30.0	12.00	53.60	34.00	4.50	7.69	-1.00
11	33.0	12.00	53.60	34.00	4.50	7.69	-1.00
12	36.0	12.00	53.60	34.00	4.50	7.69	-1.00
13	39.0	12.00	53.60	34.00	4.50	7.69	-1.00
14	42.0	12.00	53.60	34.00	4.50	7.69	-1.00
15	45.0	12.00	53.60	34.00	4.50	7.69	-1.00
16	48.0	12.00	53.60	34.00	4.50	7.69	-1.00
17	51.0	12.00	53.60	34.00	4.50	7.69	-1.00
18	54.0	12.00	53.60	34.00	4.50	7.69	-1.00
19	57.0	12.00	53.60	34.00	4.50	7.69	-1.00

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	CHLORIDE PPM	PH	TURBIDITY %
00	0.0	12.10	53.78	34.00	4.40	7.71	72.00
01	3.0	12.10	53.78	34.00	4.40	7.71	72.00
02	6.0	12.10	53.78	34.00	4.40	7.71	72.00
03	9.0	12.10	53.78	34.00	4.40	7.71	72.00
04	12.0	12.10	53.78	34.00	4.40	7.71	72.00
05	15.0	12.10	53.78	34.00	4.40	7.71	72.00
06	18.0	12.10	53.78	34.00	4.40	7.71	72.00
07	21.0	12.10	53.78	34.00	4.40	7.71	72.00
08	24.0	12.10	53.78	34.00	4.40	7.71	72.00
09	27.0	12.10	53.78	34.00	4.40	7.71	72.00
10	30.0	12.10	53.78	34.00	4.40	7.71	72.00
11	33.0	12.10	53.78	34.00	4.40	7.71	72.00
12	36.0	12.10	53.78	34.00	4.40	7.71	72.00
13	39.0	12.10	53.78	34.00	4.40	7.71	72.00
14	42.0	12.10	53.78	34.00	4.40	7.71	72.00
15	45.0	12.10	53.78	34.00	4.40	7.71	72.00
16	48.0	12.10	53.78	34.00	4.40	7.71	72.00
17	51.0	12.10	53.78	34.00	4.40	7.71	72.00
18	54.0	12.10	53.78	34.00	4.40	7.71	72.00
19	57.0	12.10	53.78	34.00	4.40	7.71	72.00

4100 5000 10000 20000 30000 40000 50000

MISSING DATA VALUE IS -1.00

DATE: MAY 1973  
STATION: 85 GERALD DESMOND BRIDGE FIRE STN

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY	D.O2	PH	TURBIDITY
		C	F	P/1000	PPM	H. ION CONC	%
00	0.0	16.90	62.42	33.60	10.70	8.22	96.00
01	3.28	15.80	60.44	33.50	10.50	8.20	83.00
02	6.56	14.00	57.20	33.70	9.40	8.14	84.00
03	9.84	13.60	56.48	33.70	9.20	8.18	84.00
04	13.12	13.40	56.12	33.80	9.30	8.19	80.00
05	16.40	13.10	55.58	33.80	7.40	8.13	80.00
06	19.68	14.20	57.56	33.10	6.50	8.05	80.00
07	22.96	13.90	57.02	34.00	6.30	8.03	79.00
08	26.24	13.20	55.76	33.90	6.00	8.01	75.00
09	29.52	13.70	56.66	33.90	5.90	8.00	75.00
10	32.80	13.50	56.30	33.90	5.40	7.97	-1.00
11	36.08	13.40	56.12	33.90	5.20	7.96	-1.00
12	39.36	13.40	56.12	33.90	5.20	7.98	-1.00
13	42.64	13.30	55.94	33.90	5.10	7.95	-1.00
14	45.92	13.30	55.94	33.80	5.10	7.94	-1.00
15	49.20	13.20	55.76	33.80	4.90	7.94	-1.00
16	52.48	13.20	55.76	33.70	4.80	7.94	-1.00

DATE: JUNE 1973  
STATION: 85 GERALD DESMOND BRIDGE FIRE STN

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY	D.O2	PH	TURBIDITY
		C	F	P/1000	PPM	H. ION CONC	%
00	0.0	15.70	60.26	33.10	9.20	8.15	79.00
01	3.28	18.30	64.94	33.30	8.00	8.15	79.00
02	6.56	15.20	59.36	33.40	6.20	8.15	79.00
03	9.84	17.90	64.22	33.40	6.30	8.19	78.50
04	13.12	17.80	64.04	33.50	6.10	8.19	80.00
05	16.40	17.60	63.68	33.50	6.00	8.17	80.50
06	19.68	17.40	63.32	33.50	6.00	8.16	80.00
07	22.96	17.20	62.96	33.60	5.80	8.14	79.50
08	26.24	17.00	62.60	33.60	5.00	8.17	79.50
09	29.52	16.60	61.88	33.70	6.00	8.14	81.50
10	32.80	16.20	61.16	33.70	5.70	8.12	81.00
11	36.08	15.40	59.72	33.90	5.10	8.09	80.50
12	39.36	15.00	59.00	33.80	4.70	8.04	79.00
13	42.64	14.50	58.10	33.80	4.50	8.01	78.00
14	45.92	14.40	57.92	33.80	4.30	8.00	74.50
15	49.20	14.30	57.74	33.80	4.10	7.98	72.50
16	52.48	14.20	57.56	33.80	4.20	7.98	70.00
17	55.76	14.10	57.38	33.70	4.20	7.97	66.00
18	59.04	14.00	57.20	33.70	3.90	7.95	63.00
19	62.32	14.00	57.20	33.70	3.80	7.94	58.00
20	65.60	14.00	57.20	33.60	3.60	7.93	53.00

MISSING DATA VALUE IS -1.0

DATE: JULY 1973  
STATION: 85 GERALD DESMOND BRIDGE FIRE STN

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY	D.O2	PH	TURBIDITY
		C	F	P/1000	PPM	H. ION CONC	%
00	0.0	20.00	68.00	32.40	7.30	7.96	-1.00
01	3.28	19.80	67.64	33.30	7.40	7.98	-1.00
02	6.56	19.60	67.28	33.30	7.20	7.99	-1.00
03	9.84	19.30	66.74	33.40	7.00	8.01	-1.00
04	13.12	19.20	66.56	33.40	7.00	8.02	-1.00
05	16.40	19.20	66.56	33.40	6.90	8.02	-1.00
06	19.68	19.00	66.20	33.60	6.50	8.00	-1.00
07	22.96	18.40	65.12	34.20	5.20	7.97	-1.00
08	26.24	17.40	63.32	33.80	5.00	7.95	-1.00
09	29.52	17.10	62.78	33.70	5.00	7.95	-1.00
10	32.80	16.70	62.06	33.70	5.00	7.92	-1.00
11	36.08	16.20	61.16	33.80	4.10	7.90	-1.00
12	39.36	15.90	60.62	33.70	4.50	7.98	-1.00
13	42.64	15.80	60.44	33.80	4.60	7.98	-1.00
14	45.92	15.60	60.08	33.60	4.60	7.86	-1.00
15	49.20	15.40	59.72	33.70	4.40	7.96	-1.00
16	52.48	15.40	59.72	33.60	4.60	7.96	-1.00
17	55.76	15.20	59.36	33.60	4.10	7.85	-1.00
18	59.04	15.10	59.18	33.60	4.00	7.84	-1.00
19	62.32	15.00	59.00	33.60	4.00	7.84	-1.00
20	65.60	14.90	58.82	33.50	4.20	7.84	-1.00

DATE: AUGUST 1973  
STATION: 85 GERALD DESMOND BRIDGE FIRE STN

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY	D.O2	PH	TURBIDITY
		C	F	P/1000	PPM	H. ION CONC	%
00	0.0	18.00	64.40	33.30	9.20	8.20	-1.00
01	3.28	18.20	64.76	33.60	7.20	8.17	-1.00
02	6.56	18.20	64.76	33.60	7.40	8.18	-1.00
03	9.84	18.10	64.58	33.30	7.40	8.19	-1.00
04	13.12	18.10	64.58	33.30	8.00	8.19	-1.00
05	16.40	17.70	63.86	33.40	7.30	8.16	-1.00
06	19.68	17.40	63.32	33.50	7.40	8.14	-1.00
07	22.96	17.40	63.32	33.40	7.50	8.16	-1.00
08	26.24	17.70	63.86	33.30	7.60	8.16	-1.00
09	29.52	17.30	63.14	33.40	7.00	8.11	-1.00
10	32.80	16.20	61.16	33.50	6.30	8.05	-1.00
11	36.08	15.80	60.44	33.60	6.20	8.02	-1.00
12	39.36	15.40	59.72	33.60	5.60	7.99	-1.00
13	42.64	15.30	59.54	33.50	5.60	7.98	-1.00
14	45.92	15.00	59.00	33.40	5.40	7.96	-1.00
15	49.20	15.00	59.00	33.40	5.40	7.96	-1.00
16	52.48	14.90	58.82	33.40	5.30	7.96	-1.00
17	55.76	14.90	58.82	33.40	5.30	7.96	-1.00
18	59.04	14.80	58.64	33.40	5.30	7.95	-1.00
19	62.32	14.80	58.64	33.40	5.20	7.94	-1.00
20	65.60	14.60	58.28	33.40	5.20	7.94	-1.00

MISSING DATA VALUE IS -1.0

DATE: SEPTEMBER 1973

STATION: 85 GERALD DESMOND BRIDGE FIRE STN

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PPT	O <sub>2</sub> PPM	PH	TURBIDITY NTU
00	0.0	17.80	64.04	32.90	8.70	-1.00	77.00
01	3.28	17.80	64.04	33.10	8.40	-1.00	81.50
02	6.56	17.80	64.04	33.20	8.60	-1.00	81.00
03	9.84	17.80	64.04	33.20	8.70	-1.00	85.00
04	13.12	17.80	64.04	33.20	8.50	-1.00	86.00
05	16.40	17.80	64.04	33.20	8.10	-1.00	81.50
06	19.68	17.80	64.04	33.20	8.80	-1.00	82.00
07	22.96	17.70	63.86	33.20	8.00	-1.00	82.50
08	26.24	17.60	63.68	33.60	8.00	-1.00	81.00
09	29.52	17.20	62.96	33.50	7.50	-1.00	86.00
10	32.80	16.00	61.00	33.50	6.90	-1.00	85.00
11	36.08	16.30	61.34	33.50	6.00	-1.00	84.50
12	39.36	15.20	61.16	33.40	6.60	-1.00	81.00
13	42.64	16.00	60.80	33.40	6.80	-1.00	78.00
14	45.92	15.80	60.44	33.30	6.20	-1.00	73.00
15	49.20	15.60	60.08	33.40	6.30	-1.00	72.50
16	52.48	15.60	60.08	33.40	5.90	-1.00	70.00
17	55.76	15.40	59.72	33.40	5.80	-1.00	69.00
18	59.04	15.40	59.72	33.40	6.00	-1.00	69.00
19	62.32	15.30	59.54	33.40	5.60	-1.00	66.00
20	65.60	15.30	59.54	33.40	5.30	-1.00	61.50
21	68.88	15.30	59.54	33.40	5.40	-1.00	61.00

DATE: OCTOBER 1973

STATION: 85 GERALD DESMOND BRIDGE FIRE STN

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PPT	O <sub>2</sub> PPM	PH	TURBIDITY NTU
00	0.0	17.20	62.96	32.70	6.20	8.03	81.00
01	3.28	17.20	62.96	33.10	6.00	8.07	82.50
02	6.56	17.20	62.96	33.10	7.10	8.09	82.00
03	9.84	17.20	62.96	33.15	6.80	8.11	82.50
04	13.12	17.10	62.78	33.20	6.80	8.16	82.00
05	16.40	17.00	62.60	33.20	6.80	8.16	81.00
06	19.68	17.00	62.60	33.20	7.20	8.15	81.50
07	22.96	17.00	62.60	33.20	7.50	8.16	82.00
08	26.24	16.70	62.06	33.50	7.40	8.14	82.00
09	29.52	16.60	61.88	33.50	7.00	8.14	80.00
10	32.80	16.90	62.42	33.40	6.80	8.15	77.50
11	36.08	16.20	61.16	33.30	6.40	8.14	76.50
12	39.36	16.00	60.80	33.30	6.20	8.12	76.00
13	42.64	15.80	60.44	33.40	5.80	8.12	75.00
14	45.92	15.70	60.26	33.40	6.00	8.12	73.00
15	49.20	15.60	60.08	33.40	6.20	8.12	70.00
16	52.48	15.60	60.08	33.40	5.00	8.13	64.00
17	55.76	15.50	59.90	33.40	5.20	8.14	59.00
18	59.04	15.50	59.90	33.40	5.10	8.14	59.00

MISSING DATA VALUE IS -1.0

DATE: NOVEMBER 1973

STATION: 85 GERALD DESMOND BRIDGE FIRE STN

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PPT	O <sub>2</sub> PPM	PH	TURBIDITY NTU
00	0.0	15.30	59.54	33.50	4.80	7.32	79.00
01	3.28	15.30	59.54	33.50	4.80	7.33	80.00
02	6.56	15.20	59.36	33.60	4.70	7.33	80.50
03	9.84	15.20	59.36	33.60	4.90	7.34	81.50
04	13.12	15.20	59.36	33.60	4.80	7.35	81.00
05	16.40	15.20	59.36	33.70	4.90	7.35	81.00
06	19.68	15.20	59.36	33.70	4.80	7.36	80.50
07	22.96	15.20	59.36	33.70	5.00	7.40	81.50
08	26.24	15.20	59.36	33.80	5.10	7.40	81.50
09	29.52	15.20	59.36	33.80	5.10	7.40	81.50
10	32.80	15.20	59.36	33.80	5.20	7.42	81.50
11	36.08	15.20	59.36	33.80	5.30	7.41	81.50
12	39.36	15.20	59.36	33.80	5.20	7.43	81.50
13	42.64	15.10	59.18	33.90	5.30	7.44	82.00
14	45.92	15.00	59.00	33.90	5.40	7.45	83.00
15	49.20	15.00	59.00	33.90	5.60	7.46	82.00
16	52.48	14.80	58.64	33.90	5.70	7.48	79.50
17	55.76	14.70	58.46	34.00	5.70	7.48	78.50
18	59.04	14.80	58.28	34.30	5.70	7.49	74.00
19	62.32	14.00	57.20	34.10	5.80	7.49	72.00
20	65.60	14.20	57.56	34.10	5.80	7.49	70.00
21	68.88	14.20	57.56	34.00	5.70	7.49	-1.00

DATE: DECEMBER 1973

STATION: 85 GERALD DESMOND BRIDGE FIRE STN

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PPT	O <sub>2</sub> PPM	PH	TURBIDITY NTU
00	0.0	-1.00	-1.00	-1.00	5.30	7.90	68.00
01	3.28	-1.00	-1.00	-1.00	5.40	7.88	77.00
02	6.56	-1.00	-1.00	-1.00	5.00	7.88	77.50
03	9.84	-1.00	-1.00	-1.00	5.20	7.88	78.00
04	13.12	-1.00	-1.00	-1.00	5.00	7.90	78.00
05	16.40	-1.00	-1.00	-1.00	5.20	7.90	77.00
06	19.68	-1.00	-1.00	-1.00	5.10	7.90	77.50
07	22.96	-1.00	-1.00	-1.00	5.10	7.90	77.50
08	26.24	-1.00	-1.00	-1.00	5.00	7.92	76.50
09	29.52	-1.00	-1.00	-1.00	5.40	7.92	75.00
10	32.80	-1.00	-1.00	-1.00	5.40	7.92	74.50
11	36.08	-1.00	-1.00	-1.00	5.30	7.93	73.50
12	39.36	-1.00	-1.00	-1.00	5.20	7.93	73.50
13	42.64	-1.00	-1.00	-1.00	5.40	7.94	70.50
14	45.92	-1.00	-1.00	-1.00	5.30	7.94	71.50
15	49.20	-1.00	-1.00	-1.00	5.50	7.96	70.00
16	52.48	-1.00	-1.00	-1.00	5.60	7.97	69.00
17	55.76	-1.00	-1.00	-1.00	5.50	7.98	66.00
18	59.04	-1.00	-1.00	-1.00	5.60	7.98	64.00
19	62.32	-1.00	-1.00	-1.00	5.70	8.00	63.00
20	65.60	-1.00	-1.00	-1.00	5.70	8.00	-1.00
21	68.88	-1.00	-1.00	-1.00	5.50	8.00	-1.00

MISSING DATA VALUE IS -1.0

DATE: JANUARY 1974

STATION: B5 GERALD DESMOND BRIDGE FIRE STN

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PPT	D.O2 PPM	PH	TURBIDITY %
00	0.0	13.40	56.12	30.90	6.70	7.54	87.00
01	3.28	13.40	56.12	31.90	6.80	7.56	87.00
02	6.56	13.40	56.12	32.40	6.70	7.62	86.00
03	9.84	13.30	55.94	32.70	7.00	7.70	85.00
04	13.12	13.20	55.76	32.95	7.10	7.74	83.00
05	16.40	13.20	55.76	33.10	7.20	7.78	83.50
06	19.68	13.10	55.58	33.20	7.40	7.83	84.00
07	22.96	13.00	55.40	33.30	7.50	7.85	83.00
08	26.24	13.00	55.40	33.50	7.60	7.88	79.50
09	29.52	13.00	55.40	33.50	7.70	7.88	79.50
10	32.80	12.90	55.22	33.50	7.70	7.89	77.00
11	36.08	12.90	55.22	33.50	7.80	7.90	76.50
12	39.36	12.90	55.22	33.60	7.80	7.91	76.50
13	42.64	12.90	55.22	33.60	7.80	7.90	77.00
14	45.92	12.90	55.22	33.60	7.70	7.90	76.00
15	49.20	12.80	55.04	33.60	7.80	7.91	69.00
16	52.48	12.80	55.04	33.60	7.80	7.91	64.50
17	55.76	12.80	55.04	33.60	7.80	7.92	63.00
18	59.04	12.80	55.04	33.60	7.80	7.92	61.50

DATE: MARCH 1974

STATION: B5 GERALD DESMOND BRIDGE FIRE STN

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PPT	D.O2 PPM	PH	TURBIDITY %
00	0.0	14.70	58.46	31.50	7.70	7.12	75.00
01	3.28	14.70	58.46	31.35	7.60	8.40	77.00
02	6.56	14.40	57.92	31.40	7.50	8.42	81.00
03	9.84	14.10	57.38	32.45	7.40	8.44	82.00
04	13.12	13.90	57.02	32.85	7.40	8.45	83.50
05	16.40	13.80	56.84	33.00	7.60	8.45	81.00
06	19.68	13.70	56.66	33.05	7.60	8.49	81.00
07	22.96	13.70	56.66	33.15	7.60	8.49	80.00
08	26.24	13.60	56.48	33.25	7.50	8.49	76.00
09	29.52	13.50	56.30	33.25	7.50	8.49	69.00
10	32.80	13.50	56.30	33.25	7.50	8.49	68.00
11	36.08	13.50	56.30	33.30	7.50	8.49	66.00
12	39.36	13.50	56.30	33.30	7.30	9.49	61.00
13	42.64	13.50	56.30	33.30	7.40	8.50	58.00
14	45.92	13.50	56.30	33.30	7.50	8.50	55.50
15	49.20	13.50	56.30	33.30	7.50	7.16	52.50
16	52.48	13.50	56.30	33.30	7.40	7.16	51.00

DATE: APRIL 1974

STATION: B5 GERALD DESMOND BRIDGE FIRE STN

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PPT	D.O2 PPM	PH	TURBIDITY %
00	0.0	15.60	60.08	33.10	7.20	-1.00	-1.00
01	3.28	15.60	60.08	33.20	7.10	-1.00	-1.00
02	6.56	15.30	59.54	33.40	7.10	-1.00	-1.00
03	9.84	15.10	59.18	33.50	7.10	-1.00	-1.00
04	13.12	15.10	59.18	33.50	7.10	-1.00	-1.00
05	16.40	15.10	59.18	33.50	7.10	-1.00	-1.00
06	19.68	14.70	58.46	33.70	7.00	-1.00	-1.00
07	22.96	14.40	57.92	33.90	6.90	-1.00	-1.00
08	26.24	13.60	56.48	33.90	6.90	-1.00	-1.00
09	29.52	13.40	56.12	33.90	7.00	-1.00	-1.00
10	32.80	13.00	55.40	34.00	6.80	-1.00	-1.00
11	36.08	12.60	54.68	34.20	6.60	-1.00	-1.00
12	39.36	12.40	54.32	33.90	6.70	-1.00	-1.00
13	42.64	12.20	53.96	33.90	6.40	-1.00	-1.00
14	45.92	12.10	53.78	33.90	6.40	-1.00	-1.00
15	49.20	12.10	53.78	33.80	6.40	-1.00	-1.00
16	52.48	11.90	53.42	33.80	6.00	-1.00	-1.00

MISSING DATA VALUE IS -1.0

DATE: FEBRUARY 1974

STATION: B5 GERALD DESMOND BRIDGE FIRE STN

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PPT	D.O2 PPM	PH	TURBIDITY %
00	0.0	13.50	56.30	33.15	6.90	-1.00	-1.00
01	3.28	13.50	56.30	33.15	6.70	-1.00	-1.00
02	6.56	13.50	56.30	33.15	6.70	-1.00	-1.00
03	9.84	13.50	56.30	33.25	6.80	-1.00	-1.00
04	13.12	13.50	56.30	33.25	6.60	-1.00	-1.00
05	16.40	13.50	56.30	33.30	6.50	-1.00	-1.00
06	19.68	13.50	56.30	33.30	6.50	-1.00	-1.00
07	22.96	13.50	56.30	33.35	6.60	-1.00	-1.00
08	26.24	13.40	56.12	33.35	6.60	-1.00	-1.00
09	29.52	13.40	56.12	33.35	6.50	-1.00	-1.00
10	32.80	13.40	56.12	33.35	6.50	-1.00	-1.00
11	36.08	13.40	56.12	33.35	6.50	-1.00	-1.00
12	39.36	13.40	56.12	33.40	6.40	-1.00	-1.00
13	42.64	13.40	56.12	33.40	6.40	-1.00	-1.00
14	45.92	13.40	56.12	33.40	6.50	-1.00	-1.00
15	49.20	13.40	56.12	33.40	6.50	-1.00	-1.00
16	52.48	13.30	55.94	33.45	6.50	-1.00	-1.00
17	55.76	13.30	55.94	33.45	6.80	-1.00	-1.00
18	59.04	13.20	55.76	33.45	-1.00	-1.00	-1.00

MISSING DATA VALUE IS -1.0

DATE: MAY 1974  
STATION: 85 GERALD DESMOND BRIDGE FIRE STN

DATE: JULY 1974  
STATION: 85 GERALD DESMOND BRIDGE FIRE STN

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY ‰	D.O2 PPM	PH	TURBIDITY %
		C	F				
00	0.0	15.70	60.26	31.85	6.50	7.31	78.00
01	3.28	15.60	60.08	31.95	6.60	7.31	78.00
02	6.56	15.70	60.26	31.95	6.70	7.31	78.50
03	9.84	15.70	60.26	31.95	6.60	7.32	78.50
04	13.12	15.50	59.90	31.95	6.50	7.32	79.00
05	16.40	15.30	59.54	32.05	6.40	7.32	79.00
06	19.68	15.20	59.36	32.05	6.30	7.32	78.50
07	22.96	15.20	59.16	32.10	6.30	7.32	75.50
08	26.24	14.80	58.64	32.15	6.40	7.32	70.50
09	29.52	14.50	58.10	32.25	5.90	7.31	68.00
10	32.80	14.30	58.10	32.05	5.90	7.32	65.00
11	36.08	14.50	58.10	32.15	5.90	7.32	66.50
12	39.36	14.50	58.10	32.10	5.90	7.32	66.00
13	42.64	14.50	58.10	32.05	5.90	7.32	65.00
14	45.92	14.40	57.92	32.00	5.90	7.32	65.50
15	49.20	14.10	57.38	31.95	5.80	7.31	68.00
16	52.48	14.10	57.38	32.05	5.70	7.31	62.50
17	55.76	14.10	57.38	31.95	5.70	7.31	62.00
18	59.04	14.10	57.38	32.00	5.70	7.30	59.00
19	62.32	14.00	57.02	31.95	5.60	7.30	55.50

\* Possible probe malfunction

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY ‰	D.O2 PPM	PH	TURBIDITY %
		C	F				
00	0.0	20.00	68.00	-1.00	13.00	-1.00	51.00
01	3.28	19.60	67.10	-1.00	10.70	-1.00	50.00
02	6.56	19.30	66.74	-1.00	10.20	-1.00	60.00
03	9.84	19.00	66.20	-1.00	10.50	-1.00	65.50
04	13.12	18.80	65.84	-1.00	9.40	-1.00	67.50
05	16.40	18.50	65.30	-1.00	8.70	-1.00	70.00
06	19.68	17.50	63.50	-1.00	7.90	-1.00	69.00
07	22.96	17.00	62.60	-1.00	6.60	-1.00	66.00
08	26.24	16.00	60.80	-1.00	6.20	-1.00	71.50
09	29.52	15.60	60.08	-1.00	9.00	-1.00	75.00
10	32.80	15.10	59.18	-1.00	5.40	-1.00	75.50
11	36.08	15.10	59.18	-1.00	5.30	-1.00	73.50
12	39.36	15.00	59.00	-1.00	5.20	-1.00	68.00
13	42.64	15.00	59.00	-1.00	5.10	-1.00	66.50
14	45.92	14.50	58.02	-1.00	5.20	-1.00	65.50
15	49.20	14.90	58.82	-1.00	5.10	-1.00	65.00
16	52.48	14.80	58.64	-1.00	5.10	-1.00	64.50
17	55.76	14.80	58.64	-1.00	5.00	-1.00	65.00
18	59.04	14.80	58.64	-1.00	5.10	-1.00	61.00
19	62.32	14.60	58.64	-1.00	4.30	-1.00	52.50
20	65.60	14.80	58.64	-1.00	5.00	-1.00	-1.00

DATE: JUNE 1974  
STATION: 85 GERALD DESMOND BRIDGE FIRE STN

DATE: AUGUST 1974  
STATION: 85 GERALD DESMOND BRIDGE FIRE STN

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY ‰	D.O2 PPM	PH	TURBIDITY %
		C	F				
00	0.0	16.60	61.80	30.40	13.70	-1.00	29.00
01	3.28	16.50	61.70	30.50	12.70	-1.00	51.50
02	6.56	16.30	61.14	30.70	12.10	-1.00	53.50
03	9.84	16.20	61.16	30.70	11.20	-1.00	54.50
04	13.12	16.20	61.16	30.70	11.20	-1.00	61.00
05	16.40	16.00	60.80	30.70	10.00	-1.00	66.00
06	19.68	17.90	64.22	30.80	10.00	-1.00	68.50
07	22.96	17.50	63.50	30.80	9.30	-1.00	73.00
08	26.24	17.00	62.60	31.00	9.20	-1.00	74.00
09	29.52	16.30	61.34	31.20	8.10	-1.00	74.00
10	32.80	16.00	60.80	31.10	7.70	-1.00	74.00
11	36.08	15.90	60.62	31.20	7.40	-1.00	74.00
12	39.36	15.90	60.62	30.90	7.20	-1.00	74.50
13	42.64	15.80	60.44	31.00	7.20	-1.00	73.50
14	45.92	15.70	60.26	31.00	7.10	-1.00	71.50
15	49.20	15.20	59.36	31.30	6.80	-1.00	69.50
16	52.48	15.00	59.00	31.50	6.30	-1.00	68.00

\* Possible probe malfunction

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY ‰	D.O2 PPM	PH	TURBIDITY %
		C	F				
00	0.0	20.60	69.08	32.50	9.00	-1.00	39.00
01	3.28	20.30	68.54	32.70	8.40	-1.00	41.50
02	6.56	20.20	68.36	32.70	8.50	-1.00	42.00
03	9.84	20.10	68.18	32.70	8.40	-1.00	42.50
04	13.12	20.00	68.00	32.70	8.20	-1.00	43.00
05	16.40	19.90	67.82	32.80	7.60	-1.00	43.00
06	19.68	19.80	67.64	33.00	6.80	-1.00	43.50
07	22.96	18.80	65.80	33.00	6.20	-1.00	44.00
08	26.24	18.10	64.58	33.20	5.80	-1.00	44.50
09	29.52	17.60	63.68	33.10	5.20	-1.00	45.00
10	32.80	17.30	63.14	33.20	4.90	-1.00	42.50
11	36.08	16.80	62.24	33.40	4.40	-1.00	38.50
12	39.36	16.80	62.24	33.40	4.30	-1.00	35.00
13	42.64	16.50	61.70	33.20	4.10	-1.00	34.00
14	45.92	16.40	61.52	33.30	3.80	-1.00	33.50
15	49.20	16.10	60.98	33.50	3.70	-1.00	31.50
16	52.48	16.00	60.80	33.30	3.60	-1.00	31.00
17	55.76	16.00	60.80	33.30	3.80	-1.00	30.50
18	59.04	15.90	60.62	33.40	3.70	-1.00	30.00
19	62.32	15.90	60.62	33.40	3.60	-1.00	24.00
20	65.60	15.90	60.62	33.40	3.50	-1.00	-1.00

MISSING DATA VALUE IS -1.00



DATE: SEPTEMBER 1974

STATION: 85 GERALD DESMOND BRIDGE FIRE STN

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/100	D.O.2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	19.60	67.28	33.30	6.20	8.02	62.00
01	3.28	19.60	67.28	33.40	6.40	8.01	69.00
02	6.56	19.40	66.92	33.40	6.20	7.98	73.00
03	9.84	19.20	66.56	33.40	5.40	7.90	74.50
04	13.12	18.00	64.40	33.80	4.90	7.82	76.50
05	16.40	18.80	65.84	33.50	4.40	7.72	76.00
06	19.68	18.40	65.12	33.70	3.40	7.62	76.50
07	22.96	18.00	64.40	33.60	3.10	7.56	78.50
08	26.24	17.80	64.04	33.60	3.20	7.53	78.00
09	29.52	17.40	63.32	33.60	2.20	7.50	78.00
10	32.80	17.20	62.96	33.50	2.50	7.49	77.50
11	36.08	17.20	62.96	33.50	2.50	7.50	77.50
12	39.36	16.80	61.52	33.60	1.40	7.40	73.00
13	42.64	16.00	60.80	33.60	1.30	7.41	65.00
14	45.92	15.80	60.44	33.50	1.30	7.40	59.50
15	49.20	15.70	60.26	33.50	1.20	7.48	57.00
16	52.48	15.70	60.26	33.50	1.20	7.49	53.00
17	55.76	15.60	60.08	33.50	1.10	7.49	51.50
18	59.04	15.80	60.44	33.50	1.00	7.50	49.50
19	62.32	15.60	60.08	33.50	-1.00	-1.00	47.50

DATE: NOVEMBER 1974

STATION: 85 GERALD DESMOND BRIDGE FIRE STN

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/100	D.O.2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	15.10	59.18	33.60	7.50	7.98	92.00
01	3.28	15.10	59.18	33.60	7.60	7.98	94.50
02	6.56	15.10	59.18	33.60	7.50	7.97	94.00
03	9.84	14.90	58.82	33.60	7.30	7.99	93.00
04	13.12	14.90	58.82	33.60	7.50	7.99	93.00
05	16.40	14.90	58.82	33.60	7.50	7.99	93.50
06	19.68	14.90	58.82	33.60	7.60	8.00	94.00
07	22.96	14.80	58.64	33.60	7.80	8.00	93.00
08	26.24	14.80	58.64	33.60	7.90	8.00	92.00
09	29.52	14.80	58.64	33.60	7.60	8.00	90.00
10	32.80	14.80	58.64	33.60	7.60	8.00	87.00
11	36.08	14.80	58.64	33.60	7.70	8.02	83.00
12	39.36	14.70	58.46	33.60	7.80	8.02	78.00
13	42.64	14.70	58.46	33.60	7.60	8.02	80.00
14	45.92	14.70	58.46	33.60	7.40	8.02	81.50
15	49.20	14.60	58.28	33.60	7.20	8.02	83.50
16	52.48	14.60	58.28	33.60	7.00	8.03	86.00
17	55.76	14.60	58.28	33.60	6.90	8.03	79.00
18	59.04	14.60	58.28	33.60	7.00	8.02	75.00

DATE: DECEMBER 1974

STATION: 85 GERALD DESMOND BRIDGE FIRE STN

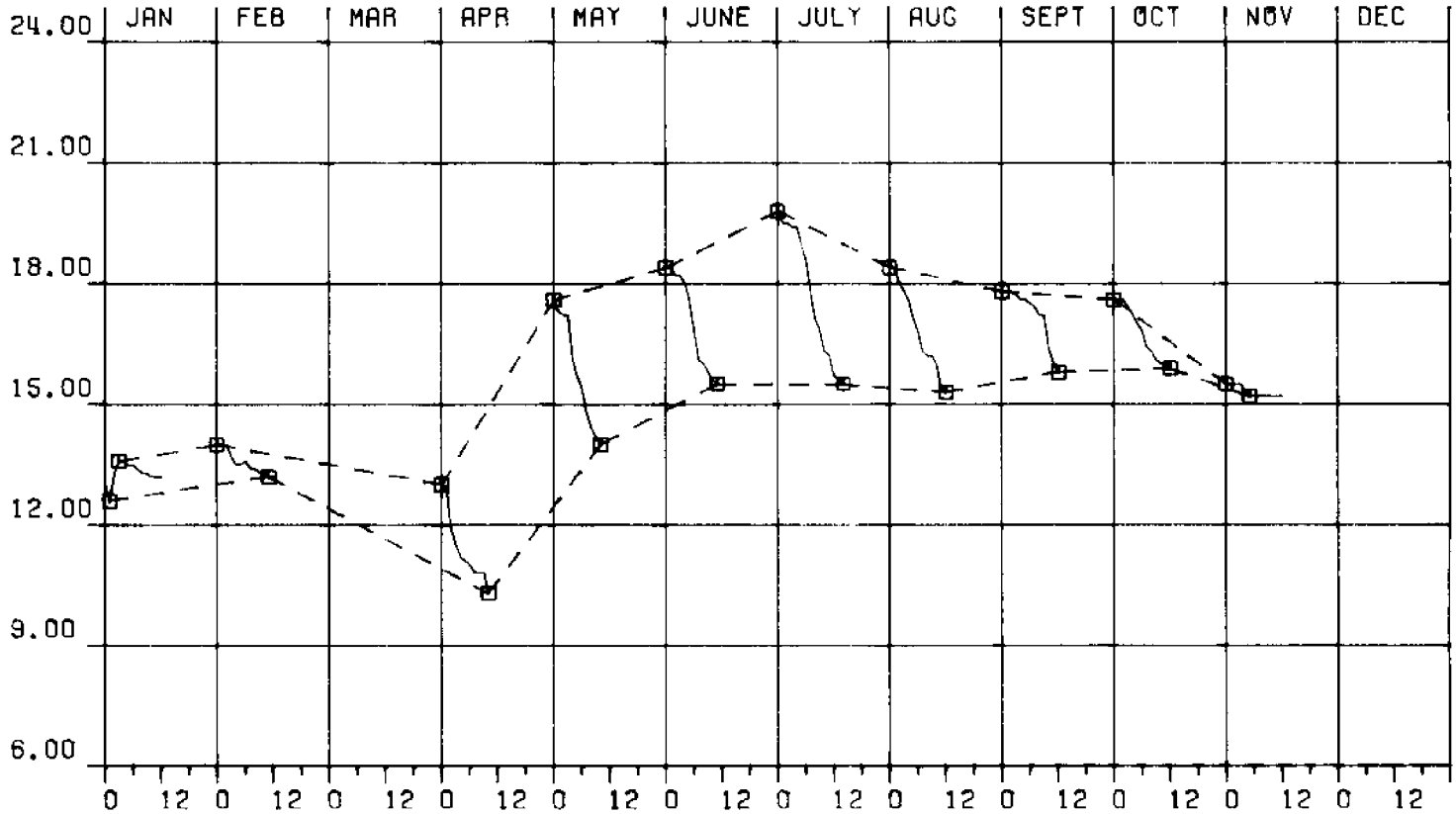
DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/100	D.O.2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	16.00	60.80	33.20	5.60	7.81	52.50
01	3.28	16.00	60.80	33.20	5.50	7.82	67.50
02	6.56	16.00	60.80	33.20	5.70	7.83	66.50
03	9.84	16.00	60.80	33.20	5.80	7.84	65.50
04	13.12	15.90	60.62	33.20	5.80	7.85	65.00
05	16.40	15.90	60.62	33.20	5.70	7.85	64.50
06	19.68	15.80	60.44	33.20	5.90	7.89	64.00
07	22.96	15.50	59.90	33.30	5.90	7.85	64.00
08	26.24	15.30	59.18	33.40	5.90	7.90	71.00
09	29.52	15.30	59.18	33.40	5.90	7.91	58.50
10	32.80	15.00	59.00	33.40	5.90	7.91	67.50
11	36.08	15.00	59.00	33.40	5.80	7.91	66.50
12	39.36	15.00	59.00	33.40	5.70	7.92	63.50
13	42.64	15.00	59.00	33.40	5.80	7.93	65.50
14	45.92	14.90	58.82	33.40	5.80	7.95	64.00
15	49.20	14.80	58.64	33.40	5.90	7.97	61.00
16	52.48	14.80	58.64	33.40	6.80	7.96	58.50
17	55.76	14.70	58.46	33.50	5.80	7.97	56.50
18	59.04	14.70	58.46	33.50	5.80	7.97	50.00
19	62.32	14.50	58.10	33.60	5.60	7.96	46.50
20	65.60	14.50	58.10	33.50	5.50	7.96	44.50
21	68.88	14.50	58.10	33.50	5.40	7.96	42.00

MISSING DATA VALUE IS -1.0

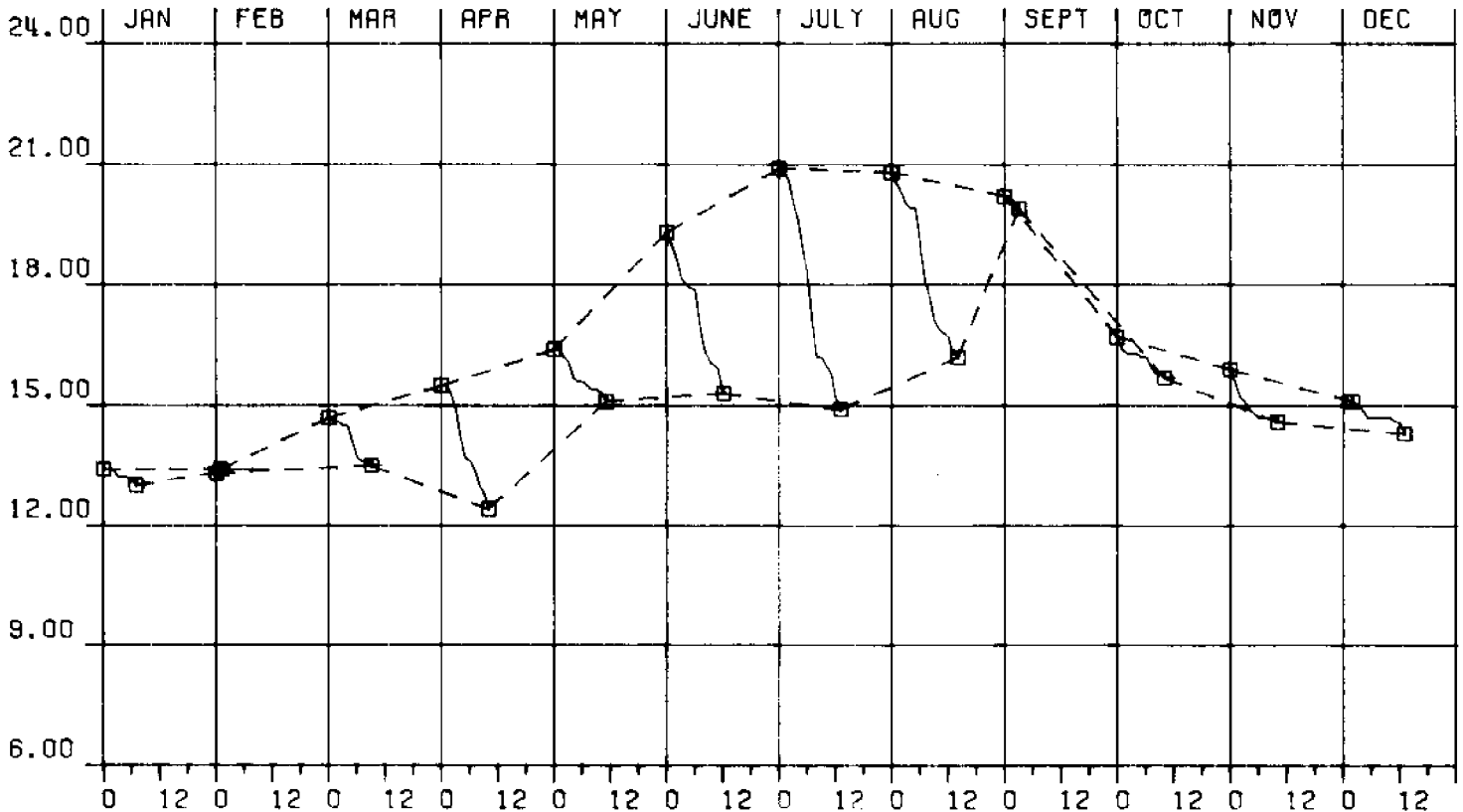
DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/100	D.O.2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	14.50	58.10	31.90	5.00	8.16	76.00
01	3.28	14.40	57.92	32.10	5.40	8.17	86.50
02	6.56	14.50	58.10	32.30	5.40	8.14	87.50
03	9.84	14.50	58.10	32.40	5.40	8.14	87.50
04	13.12	14.50	58.10	32.50	5.50	8.22	87.00
05	16.40	14.60	58.28	32.70	5.50	8.23	86.50
06	19.68	14.60	58.28	32.80	5.60	8.24	83.50
07	22.96	14.60	58.28	32.90	5.70	8.25	82.00
08	26.24	14.60	58.28	33.00	5.80	8.26	80.00
09	29.52	14.60	58.28	33.10	5.80	8.27	80.00
10	32.80	14.60	58.28	33.10	5.80	8.27	78.00
11	36.08	14.60	58.28	33.20	5.70	8.27	73.50
12	39.36	14.60	58.28	33.30	5.90	8.26	74.00
13	42.64	14.60	58.28	33.30	5.90	8.26	72.00
14	45.92	14.60	58.28	33.30	6.00	8.30	69.00
15	49.20	14.60	58.28	33.40	6.00	8.31	66.50
16	52.48	14.60	58.28	33.40	6.00	8.31	67.00
17	55.76	14.60	58.28	33.40	6.10	8.31	67.50
18	59.04	14.60	58.28	33.40	6.00	8.31	64.00
19	62.32	14.60	58.28	33.40	5.90	8.31	-1.00

MISSING DATA VALUE IS -1.0

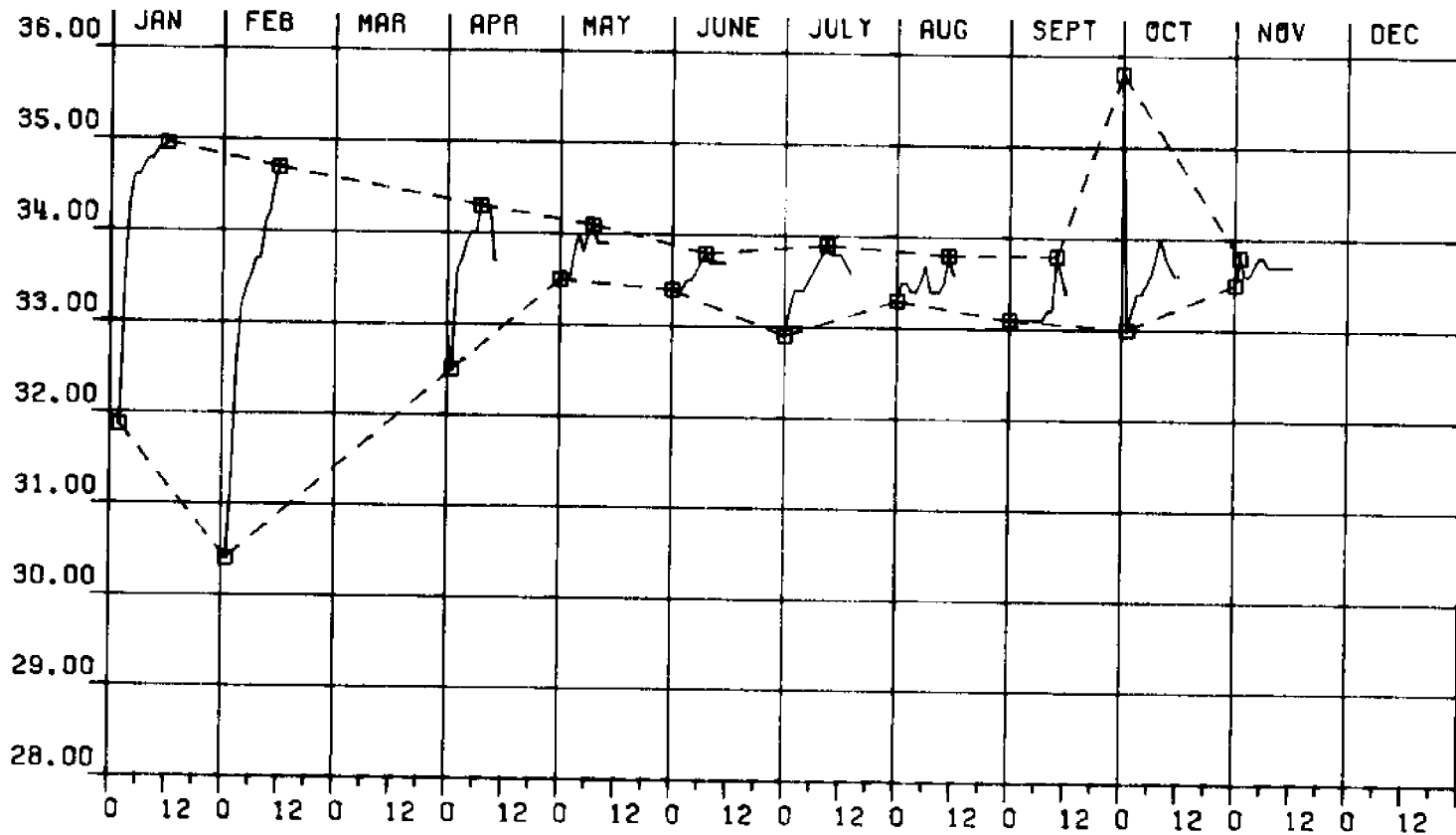
B6 LB CHANN. TWO, BERTHS 74-76  
 DATE: 1973  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. TEMPERATURE CELSIUS



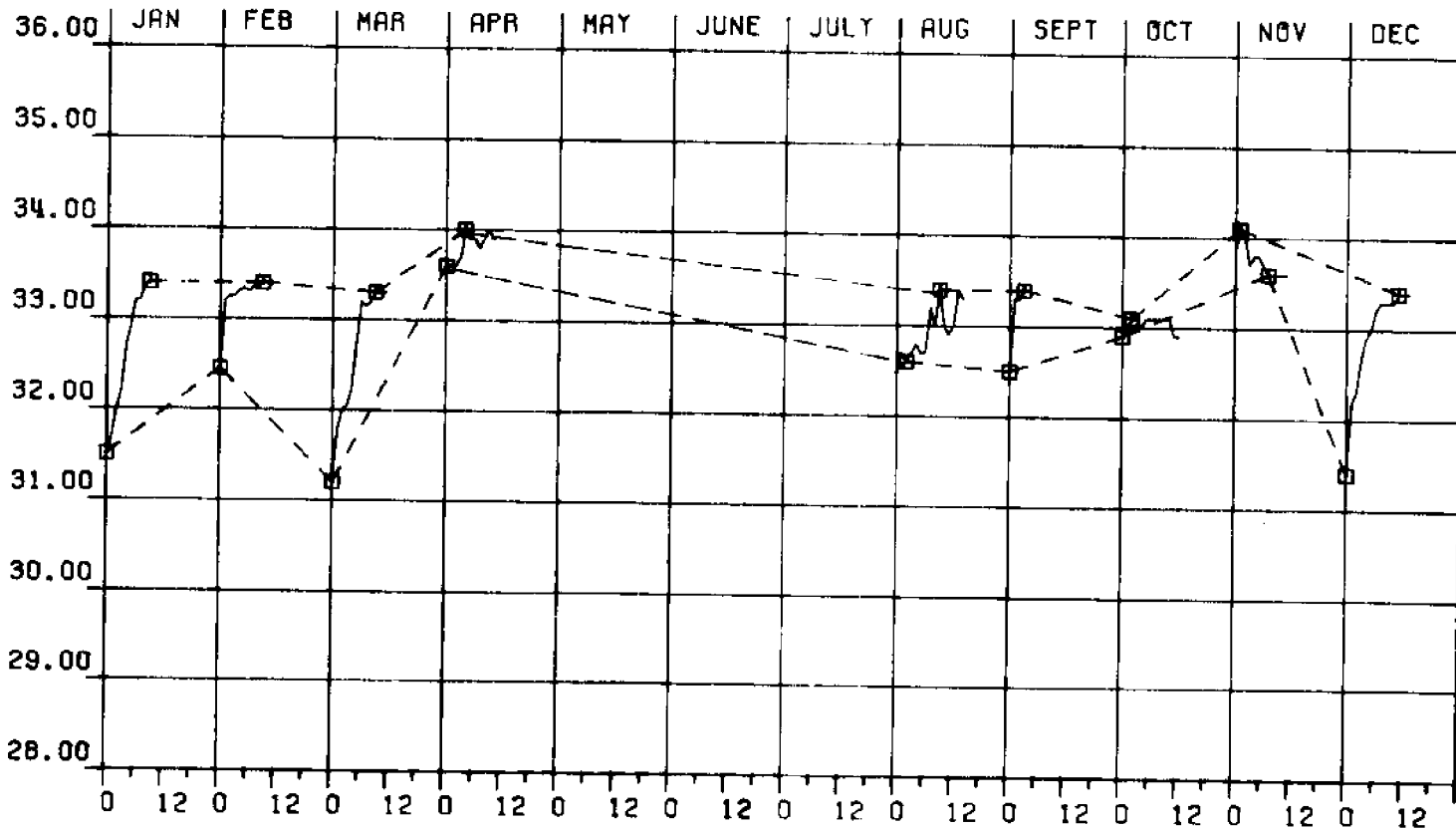
B6 LB CHANN. TWO, BERTHS 74-76  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. TEMPERATURE CELSIUS



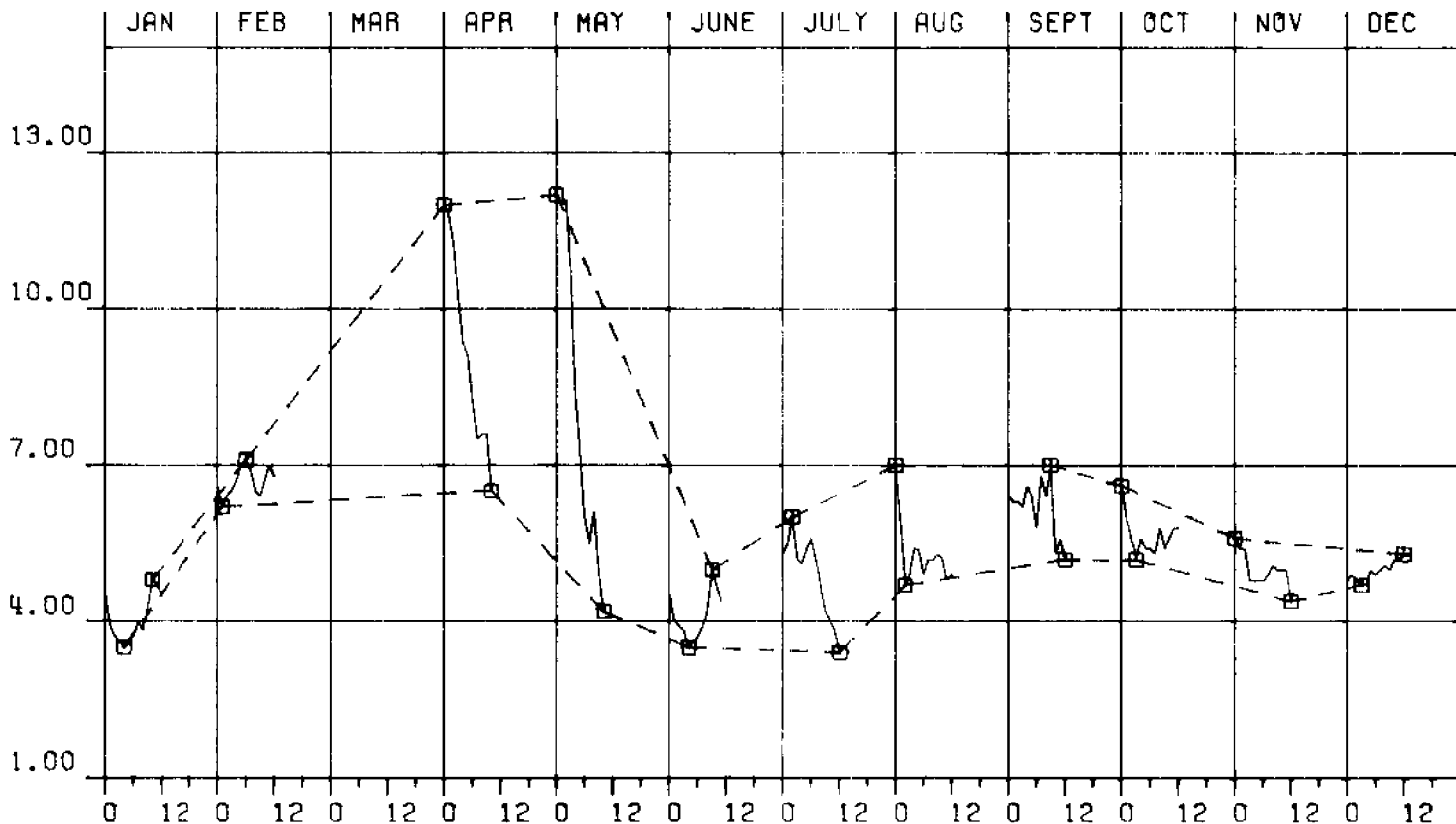
B6 LB CHANN. TWO, BERTHS 74-76  
 DATE: 1973  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. SALINITY PPT



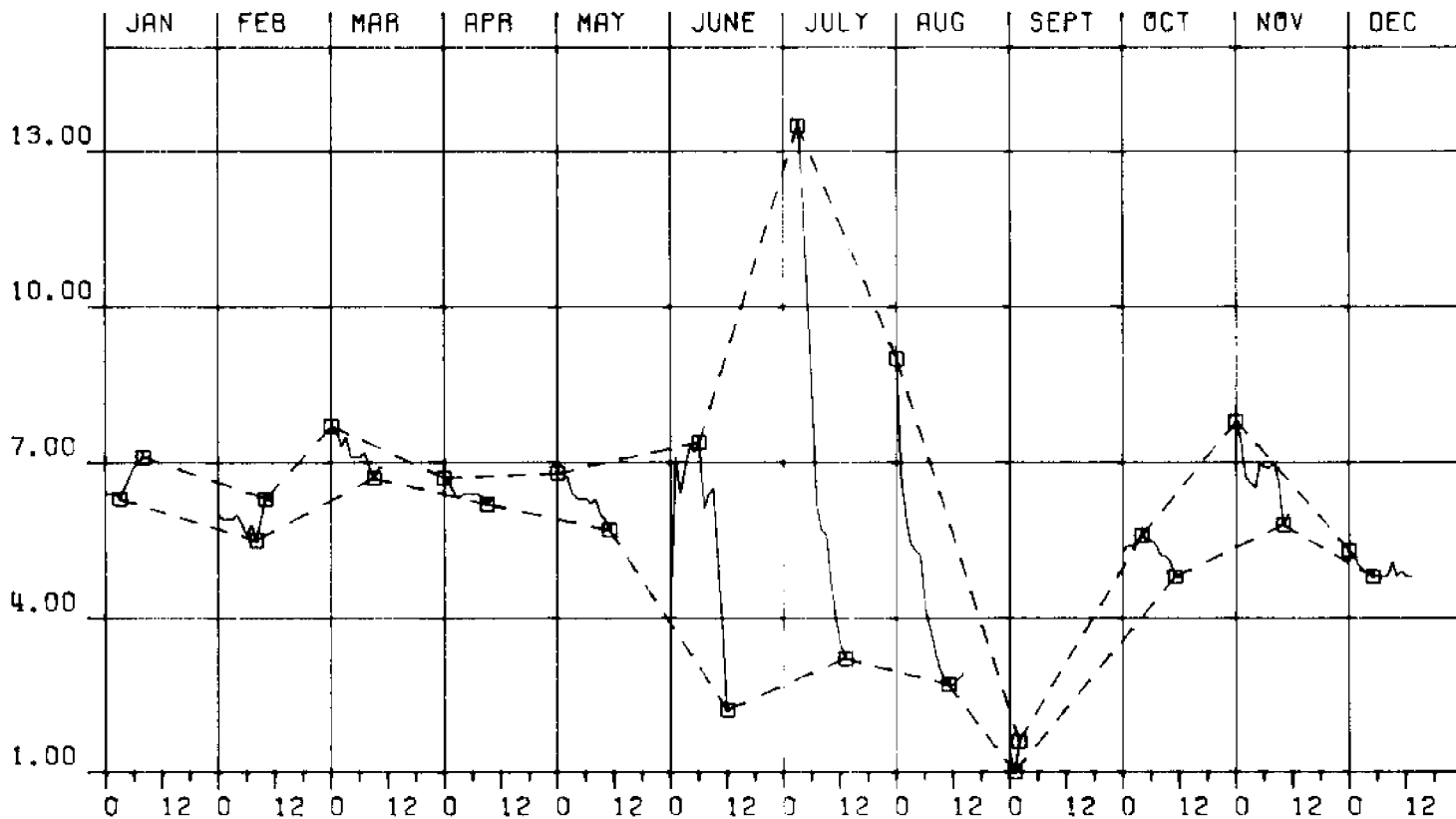
B6 LB CHANN. TWO, BERTHS 74-76  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. SALINITY PPT



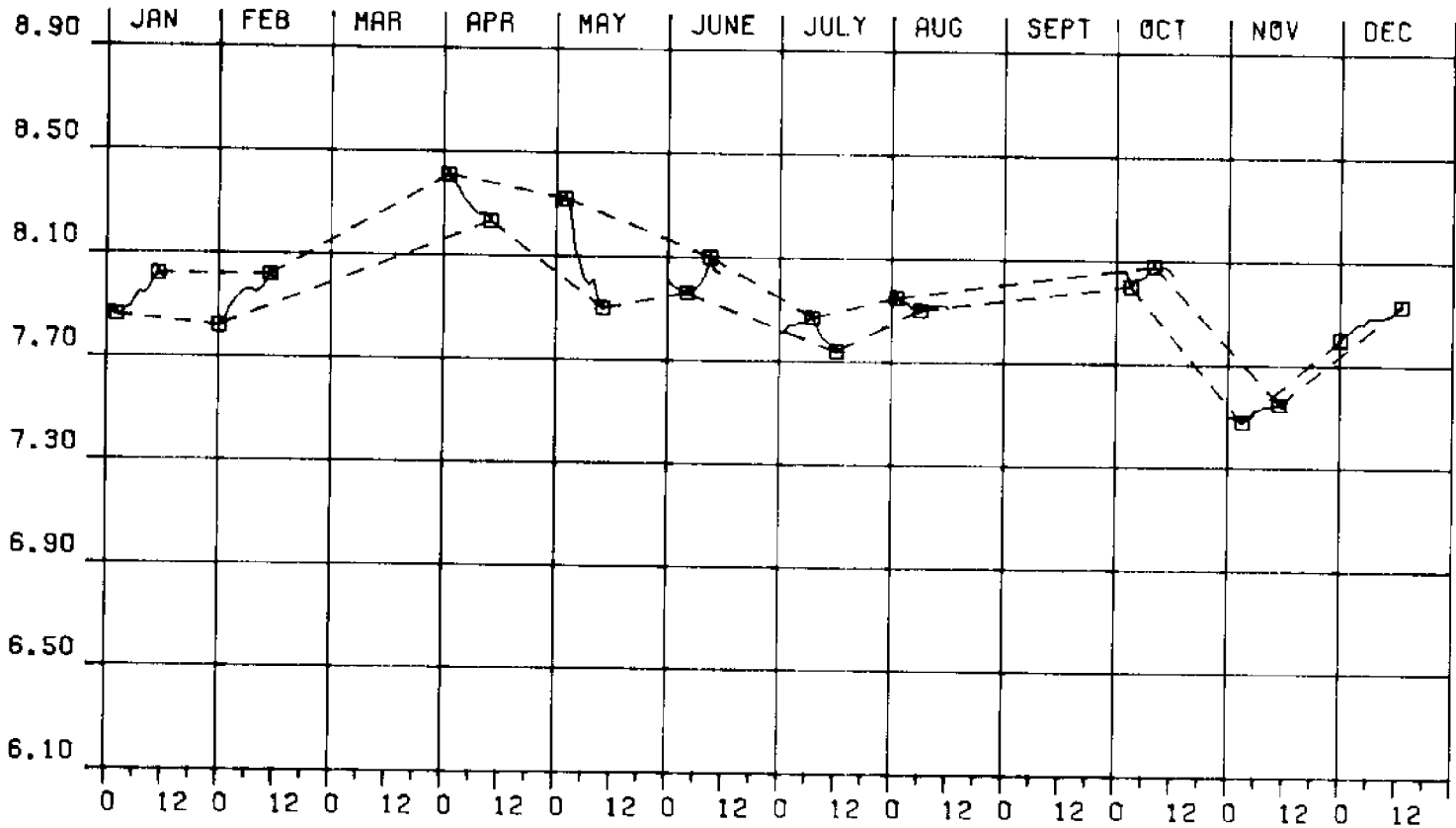
B6 LB CHANN. TWO, BERTHS 74-76  
 DATE: 1973  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. DISSOLVED OXYGEN PPM



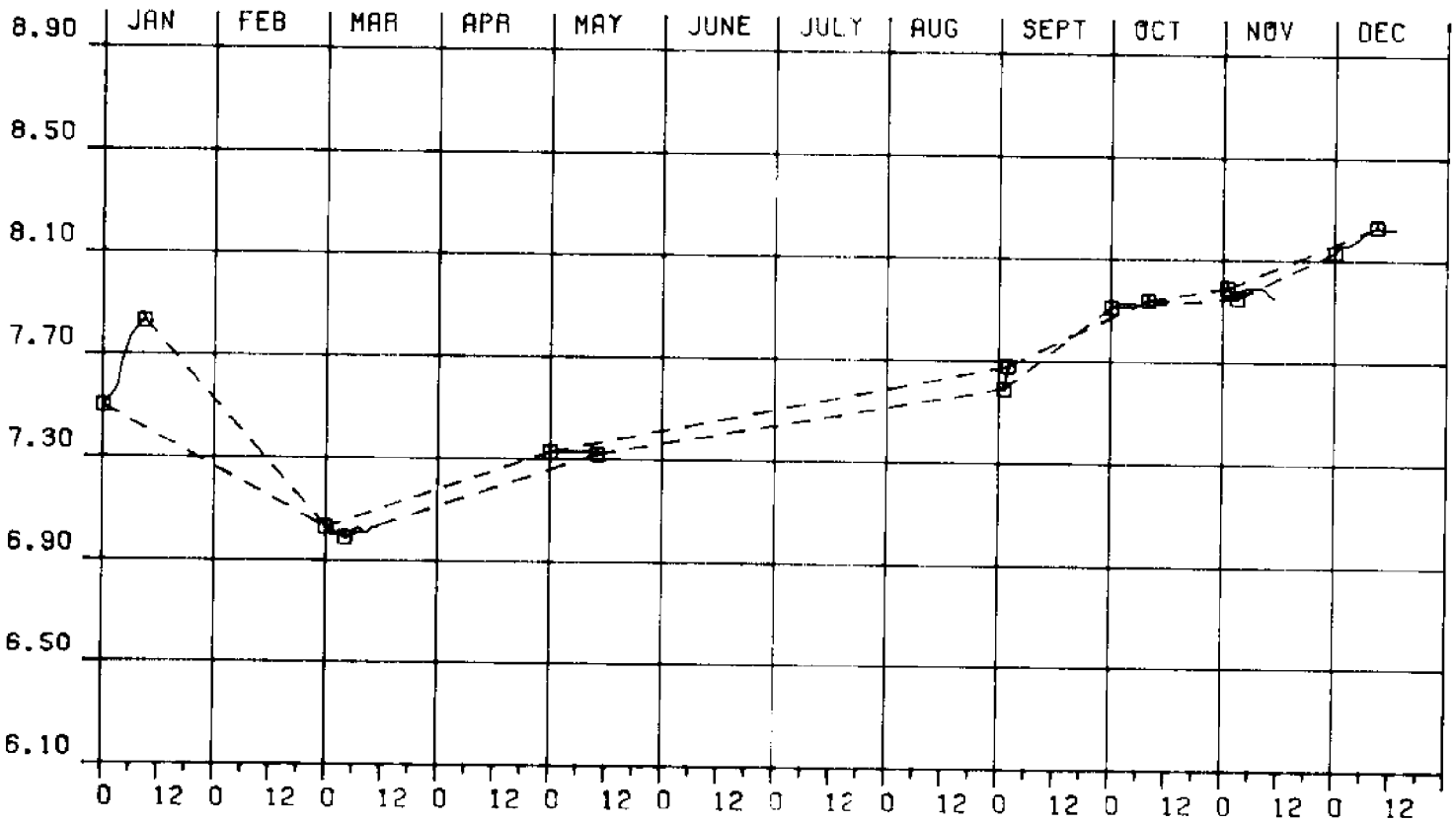
B6 LB CHANN. TWO, BERTHS 74-76  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. DISSOLVED OXYGEN PPM



86 LB CHANN. TWO, BERTHS 74-76  
 DATE: 1973  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. PH H ION CONC



86 LB CHANN. TWO, BERTHS 74-76  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. PH H ION CONC



DATE: JANUARY 1973

STATION: 86 LB CHANN. TWO, BERTHS 74-76

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O2 PPM	PH	TURBIDITY %
00	0.0	13.00	55.40	-1.00	4.50	7.87	-1.00
01	3.28	12.60	54.68	-1.00	3.90	7.87	+1.00
02	6.56	13.50	56.30	31.87	3.70	7.86	+1.00
03	9.84	13.60	56.48	33.48	3.60	7.86	-1.00
04	13.12	13.50	56.30	34.32	3.50	7.86	+1.00
05	16.40	13.50	56.30	34.60	3.60	7.89	-1.00
06	19.68	13.50	56.30	34.60	3.70	7.92	-1.00
07	22.96	13.40	56.12	34.69	4.00	7.95	-1.00
08	26.24	13.30	55.94	34.78	3.80	7.94	-1.00
09	29.52	13.30	55.94	34.78	4.30	7.96	-1.00
10	32.80	13.20	55.76	34.88	4.80	8.00	-1.00
11	36.08	13.20	55.76	34.88	4.70	8.02	-1.00
12	39.36	13.20	55.76	34.96	4.50	8.01	-1.00

DATE: FEBRUARY 1973

STATION: 86 LB CHANN. TWO, BERTHS 74-76

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O2 PPM	PH	TURBIDITY %
00	0.0	14.00	57.20	-1.00	6.60	7.82	-1.00
01	3.28	14.30	57.74	30.40	6.20	7.83	-1.00
02	6.56	14.30	57.74	31.30	6.40	7.88	-1.00
03	9.84	14.70	58.46	32.60	6.50	7.91	-1.00
04	13.12	14.50	58.10	33.20	6.70	7.93	-1.00
05	16.40	13.90	56.99	33.40	7.00	7.95	-1.00
06	19.68	13.40	56.12	33.50	7.10	7.96	-1.00
07	22.96	13.30	55.94	33.70	6.90	7.96	-1.00
08	26.24	13.40	56.12	33.70	6.50	7.95	-1.00
09	29.52	13.30	55.94	34.10	6.40	7.96	-1.00
10	32.80	13.30	55.94	34.20	6.70	7.99	-1.00
11	36.08	13.20	55.76	34.50	7.00	8.02	+1.00
12	39.36	13.20	55.76	34.70	6.80	8.00	-1.00

DATE: MARCH 1973

STATION: 86 E CERRITOS CHANNEL, GEN OCEANOGRAPH DOCK

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O2 PPM	PH	TURBIDITY %
00	0.0	14.30	57.74	32.20	7.80	8.12	-1.00
01	3.28	14.00	57.20	32.20	7.80	8.12	-1.00
02	6.56	13.30	55.94	32.30	7.70	8.11	-1.00
03	9.84	13.90	57.02	32.30	7.70	8.11	-1.00
04	13.12	13.90	57.02	32.30	7.60	8.11	-1.00
05	16.40	13.80	56.84	32.50	7.50	8.11	-1.00
06	19.68	13.80	56.84	32.50	7.50	8.11	-1.00
07	22.96	13.80	56.84	32.50	7.40	8.11	-1.00
08	26.24	13.80	56.84	32.50	7.40	8.11	-1.00
09	29.52	13.80	56.84	32.60	7.40	8.11	-1.00

DATE: APRIL 1973

STATION: 86 LB CHANN. TWO, BERTHS 74-76

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O2 PPM	PH	TURBIDITY %
00	0.0	13.00	55.40	32.90	12.00	8.40	88.00
01	3.28	12.90	55.22	32.50	11.80	8.41	80.00
02	6.56	11.90	53.42	33.60	11.20	8.38	80.00
03	9.84	11.50	52.70	33.70	10.20	8.36	73.00
04	13.12	11.20	52.16	33.90	9.30	8.32	72.00
05	16.40	11.10	51.98	34.00	9.10	8.30	70.00
06	19.68	11.00	51.80	34.00	8.20	8.28	70.00
07	22.96	10.80	51.44	34.30	7.50	8.26	61.00
08	26.24	10.80	51.44	34.30	7.60	8.26	61.00
09	29.52	10.80	51.44	34.30	7.50	8.26	65.00
10	32.80	10.30	50.54	33.70	6.50	8.23	60.00

DATE: MAY 1973

STATION: 86 LB CHANN. TWO, BERTHS 74-76

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O2 PPM	PH	TURBIDITY %
00	0.0	17.50	63.50	33.50	12.20	8.30	80.00
01	3.28	17.30	63.14	33.60	12.00	8.31	64.00
02	6.56	17.20	62.96	33.50	12.10	8.32	56.00
03	9.84	17.20	62.96	33.80	10.70	8.28	47.00
04	13.12	16.10	60.98	34.00	8.30	8.12	61.00
05	16.40	15.70	60.26	33.80	7.30	8.08	61.00
06	19.68	15.40	59.72	34.00	6.80	8.01	61.00
07	22.96	14.80	58.64	34.10	5.50	7.99	61.00
08	26.24	14.80	57.92	33.90	6.10	8.01	60.00
09	29.52	14.20	57.56	33.90	4.90	7.93	60.00
10	32.80	14.00	57.20	33.90	4.20	7.90	50.00

DATE: JUNE 1973

STATION: 86 LB CHANN. TWO, BERTHS 74-76

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O2 PPM	PH	TURBIDITY %
00	0.0	18.40	65.12	33.40	4.50	8.01	57.50
01	3.28	18.40	65.12	33.40	4.00	7.99	60.00
02	6.56	18.20	64.76	33.40	3.90	7.98	57.50
03	9.84	18.20	64.76	33.50	3.80	7.97	58.50
04	13.12	18.00	64.40	33.50	3.50	7.96	64.00
05	16.40	17.50	63.50	33.60	3.60	7.97	66.00
06	19.68	16.80	62.24	33.70	3.70	7.98	63.00
07	22.96	16.10	60.98	33.80	3.90	8.00	58.00
08	26.24	16.00	60.80	33.70	4.20	8.03	62.50
09	29.52	15.80	60.44	33.70	5.00	8.10	71.50
10	32.80	15.60	60.08	33.70	4.70	8.05	77.00
11	36.08	15.50	59.90	33.70	4.40	8.04	74.00

MISSING DATA VALUE IS -1.0

DATE: JULY 1973  
STATION: 86 LB CHANN. TWO. BERTHS 74-76

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O.2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	19.80	67.64	32.90	5.30	7.81	-1.00
01	3.28	19.50	67.10	33.20	5.50	7.82	-1.00
02	6.56	19.50	67.10	33.40	6.00	7.84	-1.00
03	9.84	19.40	66.92	33.40	5.20	7.84	-1.00
04	13.12	19.40	66.92	33.40	5.10	7.85	-1.00
05	16.40	19.20	66.20	33.50	5.40	7.85	-1.00
06	19.68	18.60	65.48	33.60	5.60	7.86	-1.00
07	22.96	17.40	64.04	33.70	5.20	7.87	-1.00
08	26.24	17.10	62.78	33.80	4.70	7.83	-1.00
09	29.52	16.30	62.24	33.90	4.20	7.79	-1.00
10	32.80	16.30	61.34	33.80	4.00	7.79	-1.00
11	36.08	16.20	61.16	33.80	3.80	7.76	-1.00
12	39.36	15.70	60.26	33.80	3.40	7.74	-1.00
13	42.64	15.50	60.08	33.70	3.50	7.74	-1.00
14	45.92	15.50	59.90	33.60	3.40	7.74	-1.00

DATE: AUGUST 1973  
STATION: 86 LB CHANN. TWO. BERTHS 74-76

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O.2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	18.40	65.12	33.30	7.00	7.92	-1.00
01	3.28	18.40	65.12	33.50	5.90	7.94	-1.00
02	6.56	18.10	64.40	33.50	4.70	7.93	-1.00
03	9.84	17.40	64.04	33.40	4.90	7.93	-1.00
04	13.12	17.50	63.68	33.40	5.40	7.91	-1.00
05	16.40	17.10	62.78	33.50	5.40	7.92	-1.00
06	19.68	16.80	62.24	33.70	4.90	7.90	-1.00
07	22.96	16.70	61.34	33.40	5.20	7.92	-1.00
08	26.24	16.20	61.16	33.40	5.20	7.92	-1.00
09	29.52	16.20	61.16	33.40	5.30	7.92	-1.00
10	32.80	16.00	60.80	33.50	5.20	7.92	-1.00
11	36.08	15.40	59.72	33.80	4.80	7.92	-1.00
12	39.36	15.30	59.54	33.60	4.90	7.91	-1.00

DATE: SEPTEMBER 1973  
STATION: 86 LB CHANN. TWO. BERTHS 74-76

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O.2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	17.80	64.04	33.10	6.40	+1.00	45.00
01	3.28	17.80	64.04	33.10	6.30	-1.00	65.00
02	6.56	17.80	64.04	33.19	6.30	-1.00	74.00
03	9.84	17.70	63.86	33.10	6.20	-1.00	78.00
04	13.12	17.60	63.68	33.10	6.60	+1.00	81.00
05	16.40	17.40	63.68	33.19	6.40	-1.00	63.00
06	19.68	17.50	63.50	33.10	5.80	-1.00	63.00
07	22.96	17.40	63.32	33.10	6.80	-1.00	62.50
08	26.24	17.20	62.96	33.20	6.40	-1.00	76.00
09	29.52	17.20	62.96	33.20	7.00	-1.00	76.00
10	32.80	16.40	61.52	33.80	5.30	-1.00	65.50
11	36.08	16.00	60.80	33.60	5.60	-1.00	74.50
12	39.36	15.80	60.44	33.40	5.20	-1.00	-1.00

MISSING DATA VALUE IS -1.0

DATE: OCTOBER 1973  
STATION: 86 LB CHANN. TWO. BERTHS 74-76

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O.2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	17.60	63.68	33.80	6.60	8.06	73.00
01	3.28	17.60	63.68	33.00	6.00	8.06	74.00
02	6.56	17.60	63.68	33.20	5.60	8.06	77.00
03	9.84	17.40	63.32	33.40	5.20	8.00	79.00
04	13.12	17.20	62.96	33.40	5.60	8.03	81.00
05	16.40	17.00	62.60	33.50	5.40	8.07	82.00
06	19.68	16.80	62.24	33.60	5.40	8.04	84.50
07	22.96	16.40	61.52	33.80	5.30	8.07	84.50
08	26.24	16.30	61.34	34.00	5.80	8.08	79.00
09	29.52	16.10	60.98	33.80	5.40	8.07	81.50
10	32.80	16.00	60.80	33.70	5.60	8.08	80.50
11	36.08	16.00	60.80	33.60	5.80	8.07	67.50
12	39.36	15.90	60.62	33.60	5.80	8.05	65.00

DATE: NOVEMBER 1973  
STATION: 86 LB CHANN. TWO. BERTHS 74-76

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O.2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	15.50	59.90	33.50	5.60	7.50	72.00
01	3.28	15.50	59.90	33.80	5.40	7.50	70.00
02	6.56	15.50	59.90	33.60	5.40	7.49	73.50
03	9.84	15.50	59.90	33.60	4.80	7.48	77.50
04	13.12	15.30	59.54	33.70	4.80	7.49	76.00
05	16.40	15.20	59.36	33.80	4.80	7.50	77.50
06	19.68	15.20	59.36	33.80	4.80	7.52	76.00
07	22.96	15.20	59.36	33.70	4.90	7.53	75.50
08	26.24	15.20	59.36	33.70	5.10	7.54	75.50
09	29.52	15.20	59.36	33.75	5.00	7.54	75.00
10	32.80	15.20	59.36	33.70	5.00	7.54	74.00
11	36.08	15.20	59.36	33.70	5.00	7.55	72.00
12	39.36	15.20	59.36	33.70	4.40	7.54	-1.00

DATE: DECEMBER 1973  
STATION: 86 LB CHANN. TWO. BERTHS 74-76

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O.2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	-1.00	-1.00	-1.00	4.80	7.00	04.00
01	3.28	-1.00	-1.00	-1.00	4.90	7.82	70.50
02	6.56	-1.00	-1.00	-1.00	4.80	7.81	71.00
03	9.84	-1.00	-1.00	-1.00	4.70	7.85	75.00
04	13.12	-1.00	-1.00	-1.00	4.70	7.86	69.00
05	16.40	-1.00	-1.00	-1.00	5.00	7.86	69.50
06	19.68	-1.00	-1.00	-1.00	4.70	7.88	69.00
07	22.96	-1.00	-1.00	-1.00	5.00	7.88	68.50
08	26.24	-1.00	-1.00	-1.00	5.16	7.88	69.00
09	29.52	-1.00	-1.00	-1.00	5.00	7.88	67.50
10	32.80	-1.00	-1.00	-1.00	5.20	7.89	67.50
11	36.08	-1.00	-1.00	-1.00	5.20	7.90	66.00
12	39.36	-1.00	-1.00	-1.00	5.30	7.92	66.00
13	42.64	-1.00	-1.00	-1.00	5.30	7.93	-1.00

MISSING DATA VALUE IS -1.0

DATE: JANUARY 1974  
 STATION: 06 LP CHANN. TWC, BERTHS 74-76

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O.2 PPM	PH	TURBIDITY H. UN. CONC	TURBIDITY %
00	0.0	13.40	56.12	31.50	5.40	7.70	82.50	
01	3.28	13.40	56.12	31.70	6.40	7.72	86.50	
02	6.56	13.40	56.12	32.00	6.40	7.54	85.00	
03	9.84	13.20	55.76	32.20	6.30	7.47	79.00	
04	13.12	13.00	55.40	32.70	6.50	7.66	75.00	
05	16.40	13.00	55.40	32.90	6.70	7.70	71.00	
06	19.68	13.10	55.58	33.20	6.90	7.77	71.00	
07	22.96	13.00	55.40	33.20	7.00	7.79	70.50	
08	26.24	13.00	55.40	33.35	7.10	7.92	65.00	
09	29.52	13.00	55.40	33.40	7.10	7.83	71.00	

DATE: FEBRUARY 1974  
 STATION: 06 LP CHANN. TWC, BERTHS 74-76

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O.2 PPM	PH	TURBIDITY H. UN. CONC	TURBIDITY %
00	0.0	13.30	55.94	32.45	6.00	-1.00	-1.00	
01	3.28	13.40	56.12	33.20	5.90	-1.00	-1.00	
02	6.56	13.40	56.12	33.25	5.90	-1.00	-1.00	
03	9.84	13.40	56.12	33.25	5.90	-1.00	-1.00	
04	13.12	13.40	56.12	33.30	5.90	-1.00	-1.00	
05	16.40	13.40	56.12	33.35	5.80	-1.00	-1.00	
06	19.68	13.40	56.12	33.30	5.60	-1.00	-1.00	
07	22.96	13.40	56.12	33.35	5.80	-1.00	-1.00	
08	26.24	13.40	56.12	33.35	5.50	-1.00	-1.00	
09	29.52	13.40	56.12	33.40	5.90	-1.00	-1.00	
10	32.80	13.40	56.12	33.40	5.70	-1.00	-1.00	
11	36.08	13.40	56.12	33.40	5.30	-1.00	-1.00	

DATE: MARCH 1974  
 STATION: 06 LP CHANN. TWC, BERTHS 74-76

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O.2 PPM	PH	TURBIDITY H. UN. CONC	TURBIDITY %
00	0.0	14.70	58.46	31.20	7.70	7.01	81.00	
01	3.28	14.60	58.28	31.40	7.60	7.90	82.50	
02	6.56	14.60	58.28	32.00	7.40	7.00	82.00	
03	9.84	14.50	58.10	32.05	7.50	7.01	82.50	
04	13.12	14.30	57.74	32.25	7.10	6.99	81.00	
05	16.40	14.10	57.38	32.75	7.10	6.99	78.50	
06	19.68	13.90	56.98	33.20	7.10	7.22	76.50	
07	22.96	13.80	56.84	33.15	7.00	7.01	75.00	
08	26.24	13.60	56.48	33.20	6.90	7.01	75.50	
09	29.52	13.50	56.30	33.30	6.90	7.01	70.50	
10	32.80	13.50	56.30	33.30	7.00	7.01	62.50	
11	36.08	13.50	56.30	33.30	6.90	7.01	55.00	

MISSING DATA VALUE IS -1.0

DATE: APRIL 1974  
 STATION: 06 LP CHANN. TWC, BERTHS 74-76

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O.2 PPM	PH	TURBIDITY H. UN. CONC	TURBIDITY %
00	0.0	15.40	59.72	33.00	7.70	-1.00	-1.00	
01	3.28	15.40	59.72	33.00	6.60	-1.00	-1.00	
02	6.56	15.40	59.72	33.60	6.40	-1.00	-1.00	
03	9.84	15.20	59.36	33.70	7.30	-1.00	-1.00	
04	13.12	14.80	58.64	34.00	6.40	-1.00	-1.00	
05	16.40	14.70	58.46	33.90	6.40	-1.00	-1.00	
06	19.68	14.60	58.28	33.90	6.40	-1.00	-1.00	
07	22.96	14.40	57.92	33.80	6.40	-1.00	-1.00	
08	26.24	13.80	56.84	33.90	6.30	-1.00	-1.00	
09	29.52	13.80	56.84	34.00	6.20	-1.00	-1.00	
10	32.80	13.40	56.12	33.90	6.30	-1.00	-1.00	

DATE: MAY 1974  
 STATION: 06 LP CHANN. TWC, BERTHS 74-76

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O.2 PPM	PH	TURBIDITY H. UN. CONC	TURBIDITY %
00	0.0	15.40	61.72	31.75	6.90	7.97	74.00	
01	3.28	15.40	61.72	32.45	6.90	7.70	73.50	
02	6.56	15.40	61.72	32.95	6.70	7.10	72.00	
03	9.84	15.10	60.98	32.95	6.40	7.00	76.00	
04	13.12	14.70	58.46	32.60	6.30	7.30	81.00	
05	16.40	14.60	58.28	32.60	6.50	7.30	77.50	
06	19.68	14.40	57.92	32.60	6.30	7.30	81.50	
07	22.96	14.40	57.92	31.90	6.20	7.30	80.00	
08	26.24	14.40	57.92	31.90	6.30	7.30	80.00	
09	29.52	13.40	56.12	31.40	6.00	7.30	83.00	
10	32.80	13.30	55.94	31.45	6.40	7.30	75.00	
11	36.08	13.10	55.58	32.00	6.70	7.30	87.50	

\* possible probe malfunction

DATE: JUNE 1974  
 STATION: 06 LP CHANN. TWC, BERTHS 74-76

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O.2 PPM	PH	TURBIDITY H. UN. CONC	TURBIDITY %
00	0.0	14.30	57.74	30.30	6.30	-1.00	27.00	
01	3.28	14.00	57.20	30.40	7.10	-1.00	47.50	
02	6.56	13.70	56.66	30.50	6.90	-1.00	61.50	
03	9.84	13.30	55.94	30.70	6.90	-1.00	71.00	
04	13.12	12.90	57.22	30.60	7.30	-1.00	73.50	
05	16.40	12.90	57.22	30.50	7.20	-1.00	75.00	
06	19.68	12.90	57.22	31.50	7.50	-1.00	74.50	
07	22.96	12.80	57.04	31.40	6.10	-1.00	73.50	
08	26.24	12.40	54.32	31.30	6.40	-1.00	77.50	
09	29.52	12.10	53.78	31.40	6.50	-1.00	72.00	
10	32.80	11.90	53.42	31.20	6.70	-1.00	69.00	
11	36.08	11.70	53.06	31.30	6.20	-1.00	71.00	

\* possible probe malfunction

MISSING DATA VALUE IS -1.0



DATE: JULY 1974  
STATION: 86 LB CHANN, TWO, BERTHS 74-76

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY 0/00	D.O2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	20.90	69.62	-1.00	17.00	-1.00	30.00
01	3.28	20.80	69.44	-1.00	17.50	-1.00	29.50
02	6.56	20.60	69.08	-1.00	15.30	-1.00	41.50
03	9.84	20.00	68.00	-1.00	13.50	-1.00	53.00
04	13.12	19.60	67.28	-1.00	12.10	-1.00	66.00
05	16.40	18.90	66.02	-1.00	10.10	-1.00	71.00
06	19.68	18.30	64.94	-1.00	8.40	-1.00	74.00
07	22.96	17.10	62.78	-1.00	6.10	-1.00	76.50
08	26.24	16.20	61.16	-1.00	5.70	-1.00	77.50
09	29.52	15.20	61.16	-1.00	5.60	-1.00	79.00
10	32.80	16.00	60.80	-1.00	4.70	-1.00	77.50
11	36.08	15.80	60.44	-1.00	4.00	-1.00	70.50
12	39.36	15.20	59.36	-1.00	3.50	-1.00	61.50
13	42.64	14.90	58.82	-1.00	3.20	-1.00	-1.00

DATE: OCTOBER 1974  
STATION: 86 LB CHANN, TWO, BERTHS 74-76

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY 0/00	D.O2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	16.70	62.06	32.90	5.30	7.91	58.00
01	3.28	16.40	61.52	33.00	5.40	7.92	58.00
02	6.56	16.30	61.34	33.10	5.40	7.93	59.00
03	9.84	16.30	61.34	33.10	5.50	7.93	59.50
04	13.12	16.30	61.34	33.00	5.60	7.93	59.50
05	16.40	16.20	61.16	33.10	5.50	7.93	60.00
06	19.68	16.20	61.16	33.10	5.50	7.92	59.50
07	22.96	16.00	60.80	33.10	5.40	7.93	59.00
08	26.24	15.80	60.44	33.10	5.20	7.94	59.50
09	29.52	15.80	60.44	33.10	5.20	7.94	59.00
10	32.80	15.70	60.26	33.10	5.10	7.94	58.00
11	36.08	15.70	60.26	32.90	4.80	7.94	68.00
12	39.36	15.70	60.26	32.90	4.80	7.94	67.50

DATE: NOVEMBER 1974  
STATION: 86 LB CHANN, TWO, BERTHS 74-76

DATE: AUGUST 1974  
STATION: 86 LB CHANN, TWO, BERTHS 74-76

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY 0/00	D.O2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	20.80	69.44	32.70	9.00	-1.00	6.00
01	3.28	20.50	68.90	32.70	8.60	-1.00	15.00
02	6.56	20.30	68.54	32.60	5.90	-1.00	22.50
03	9.84	20.00	68.00	32.70	5.40	-1.00	24.50
04	13.12	19.90	67.82	32.80	5.30	-1.00	31.00
05	16.40	19.90	67.82	32.70	5.20	-1.00	35.50
06	19.68	19.00	66.20	32.70	4.20	-1.00	38.50
07	22.96	18.10	64.58	33.20	3.80	-1.00	40.50
08	26.24	17.70	63.86	33.00	3.40	-1.00	40.00
09	29.52	17.10	62.78	33.40	3.00	-1.00	41.00
10	32.80	16.90	62.42	33.00	2.80	-1.00	39.00
11	36.08	16.80	62.24	32.90	2.70	-1.00	38.50
12	39.36	16.70	62.06	33.00	2.70	-1.00	36.00
13	42.64	16.30	61.34	33.40	2.80	-1.00	34.50
14	45.92	16.20	61.16	33.30	2.90	-1.00	-1.00

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY 0/00	D.O2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	15.90	60.62	33.90	7.80	7.98	59.00
01	3.28	15.60	60.08	34.10	7.40	7.99	68.00
02	6.56	15.20	59.36	34.00	6.70	7.96	72.00
03	9.84	15.10	59.18	33.70	6.60	7.95	72.00
04	13.12	14.90	58.82	33.80	6.50	7.98	72.50
05	16.40	14.80	58.64	33.80	7.00	7.99	78.50
06	19.68	14.70	58.46	33.70	6.90	7.99	79.50
07	22.96	14.70	58.46	33.60	6.90	7.99	81.00
08	26.24	14.70	58.46	33.60	7.00	7.99	81.00
09	29.52	14.70	58.46	33.60	6.60	7.98	81.50
10	32.80	14.60	58.28	33.60	5.80	7.96	81.00
11	36.08	14.60	58.28	33.60	6.00	7.95	81.50
12	39.36	-1.00	-1.00	-1.00	-1.00	-1.00	81.00

DATE: DECEMBER 1974  
STATION: 86 LB CHANN, TWO, BERTHS 74-76

DATE: SEPTEMBER 1974  
STATION: 86 LB CHANN, TWO, BERTHS 74-76

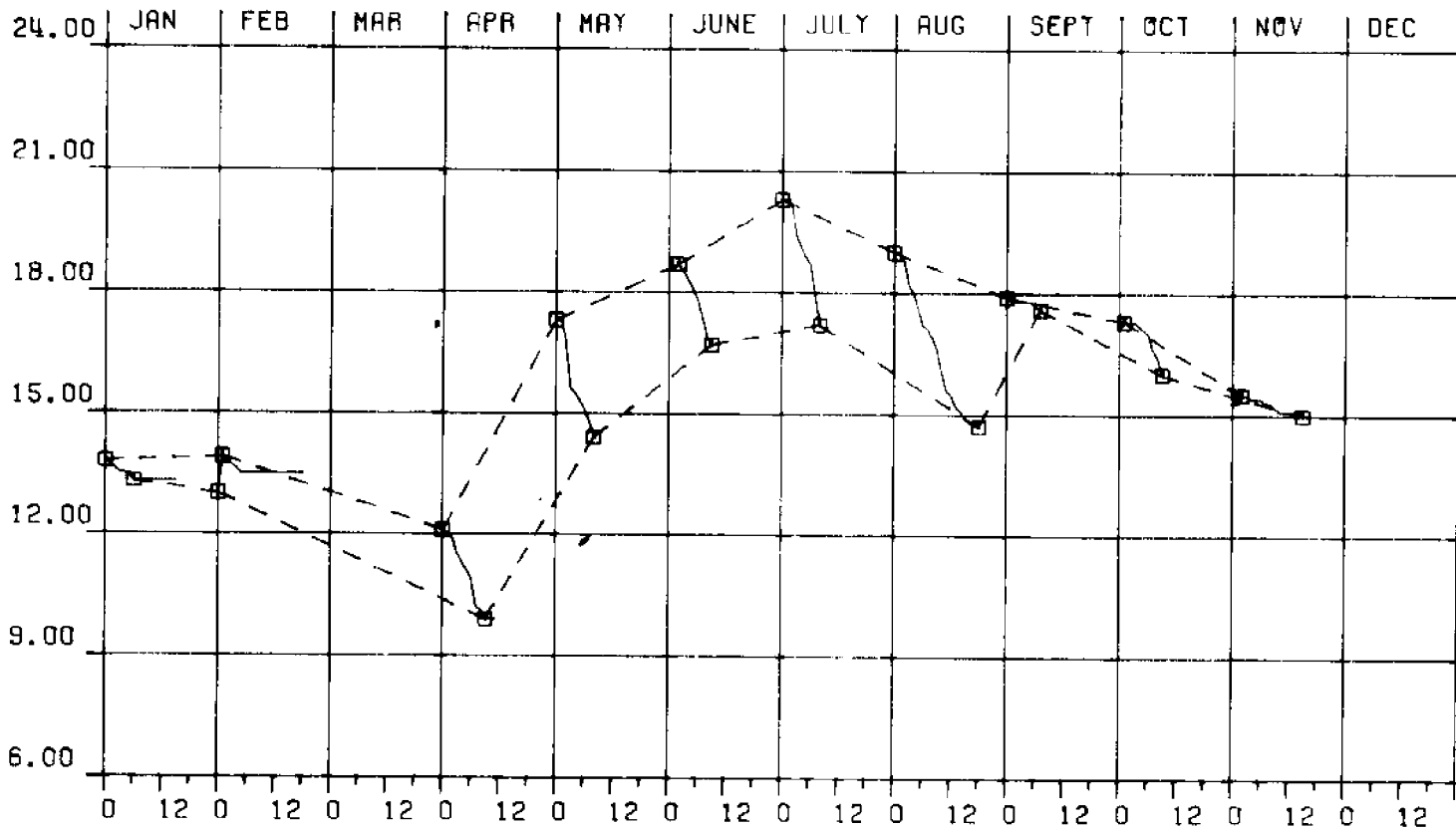
DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY 0/00	D.O2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	20.20	68.36	32.50	1.40	7.60	56.50
01	3.28	20.20	68.36	33.30	1.00	7.59	56.50
02	6.56	20.00	68.00	33.30	1.60	7.68	74.00
03	9.84	19.90	67.82	33.40	0.0	-1.00	88.00

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY 0/00	D.O2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	15.00	59.00	31.40	5.30	8.13	87.00
01	3.28	15.00	59.00	32.20	5.20	8.15	97.00
02	6.56	15.10	59.18	32.30	5.00	8.16	93.00
03	9.84	15.00	59.00	32.70	4.90	8.16	97.50
04	13.12	14.90	58.82	32.90	4.90	8.17	98.00
05	16.40	14.70	58.46	33.00	4.80	8.18	97.50
06	19.68	14.70	58.46	33.20	4.80	8.20	94.50
07	22.96	14.70	58.46	33.30	4.80	8.21	90.00
08	26.24	14.70	58.46	33.30	4.80	8.22	86.00
09	29.52	14.70	58.46	33.30	5.10	8.23	84.00
10	32.80	14.70	58.46	33.30	4.80	8.22	84.00
11	36.08	14.60	58.28	33.40	4.90	8.22	80.50
12	39.36	14.60	58.28	33.40	4.80	8.22	77.50
13	42.64	14.30	57.74	33.40	4.80	8.22	-1.00

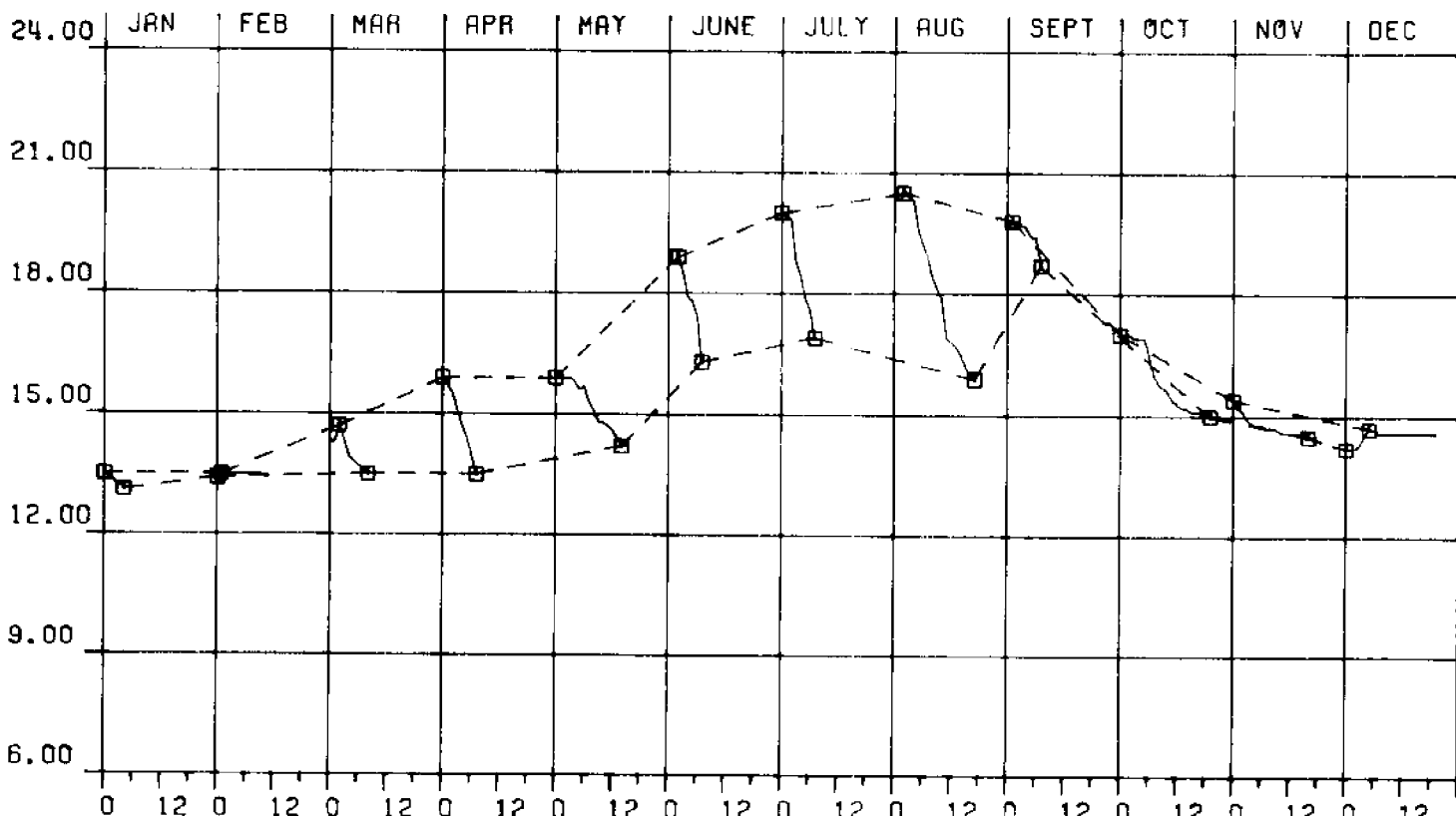
MISSING DATA VALUE IS -1.0

MISSING DATA VALUE IS -1.0

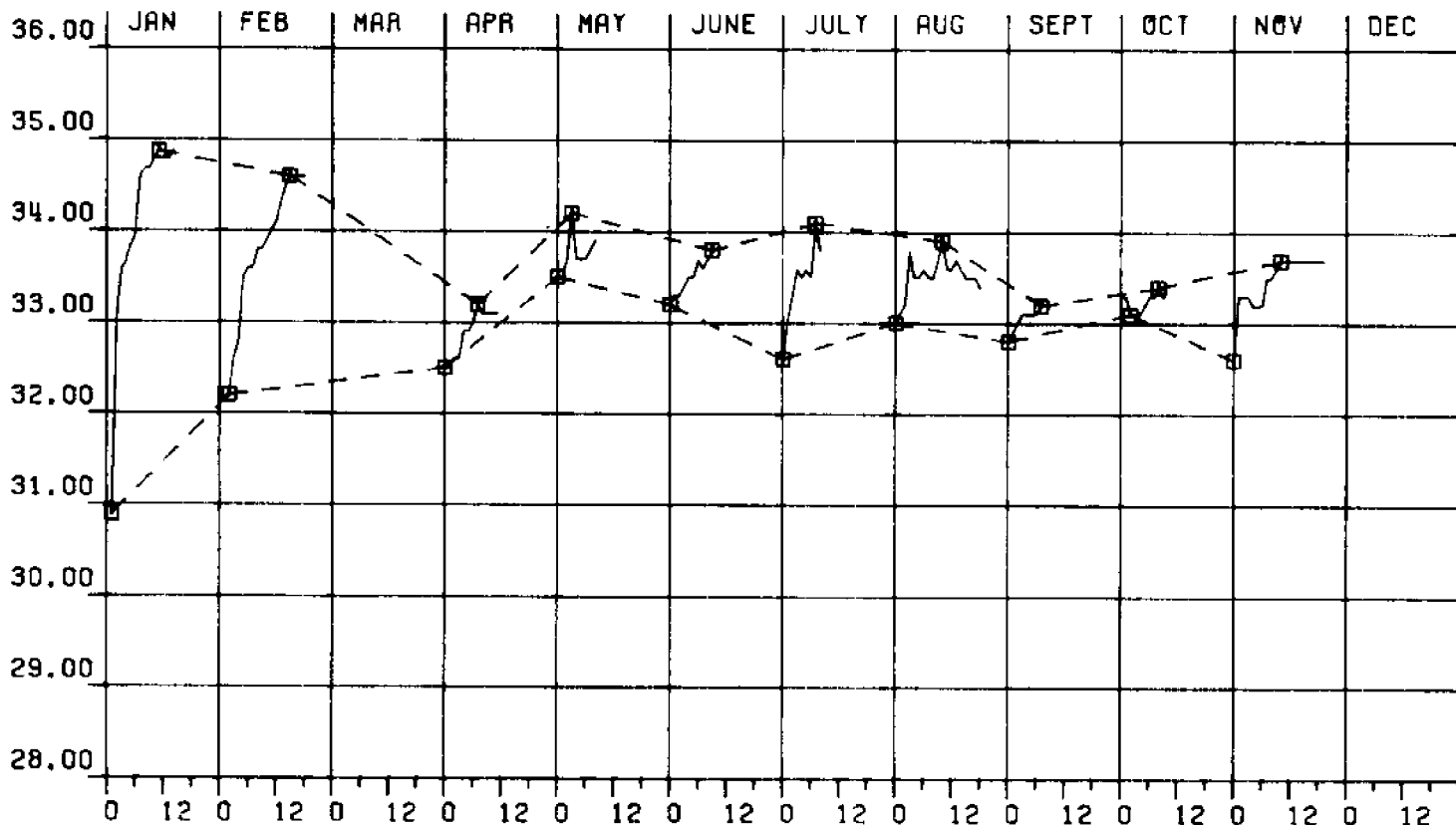
B7 UNION PACIFIC RAILROAD DOCK  
 DATE: 1973  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. TEMPERATURE CELSIUS



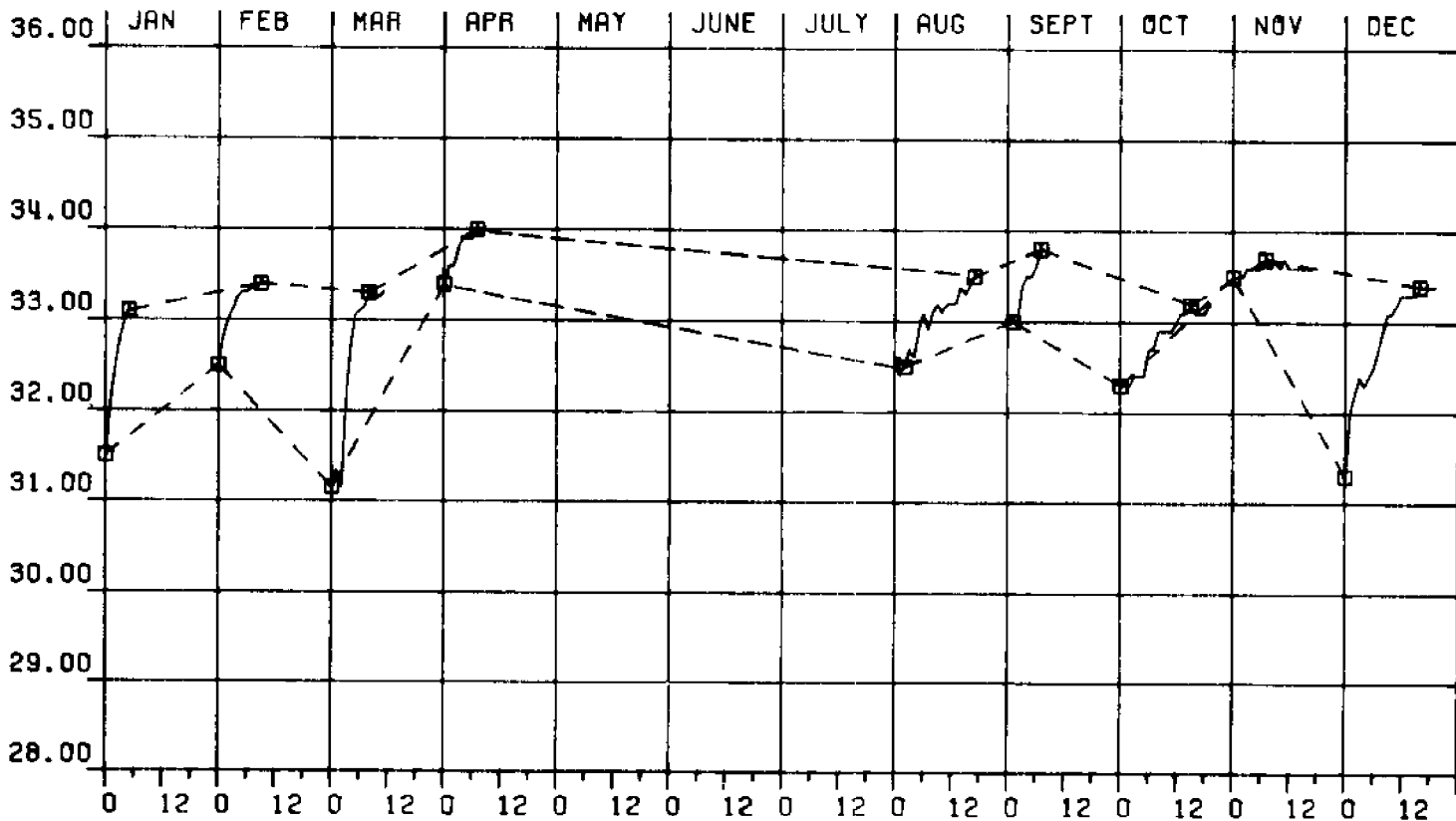
B7 UNION PACIFIC RAILROAD DOCK  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. TEMPERATURE CELSIUS



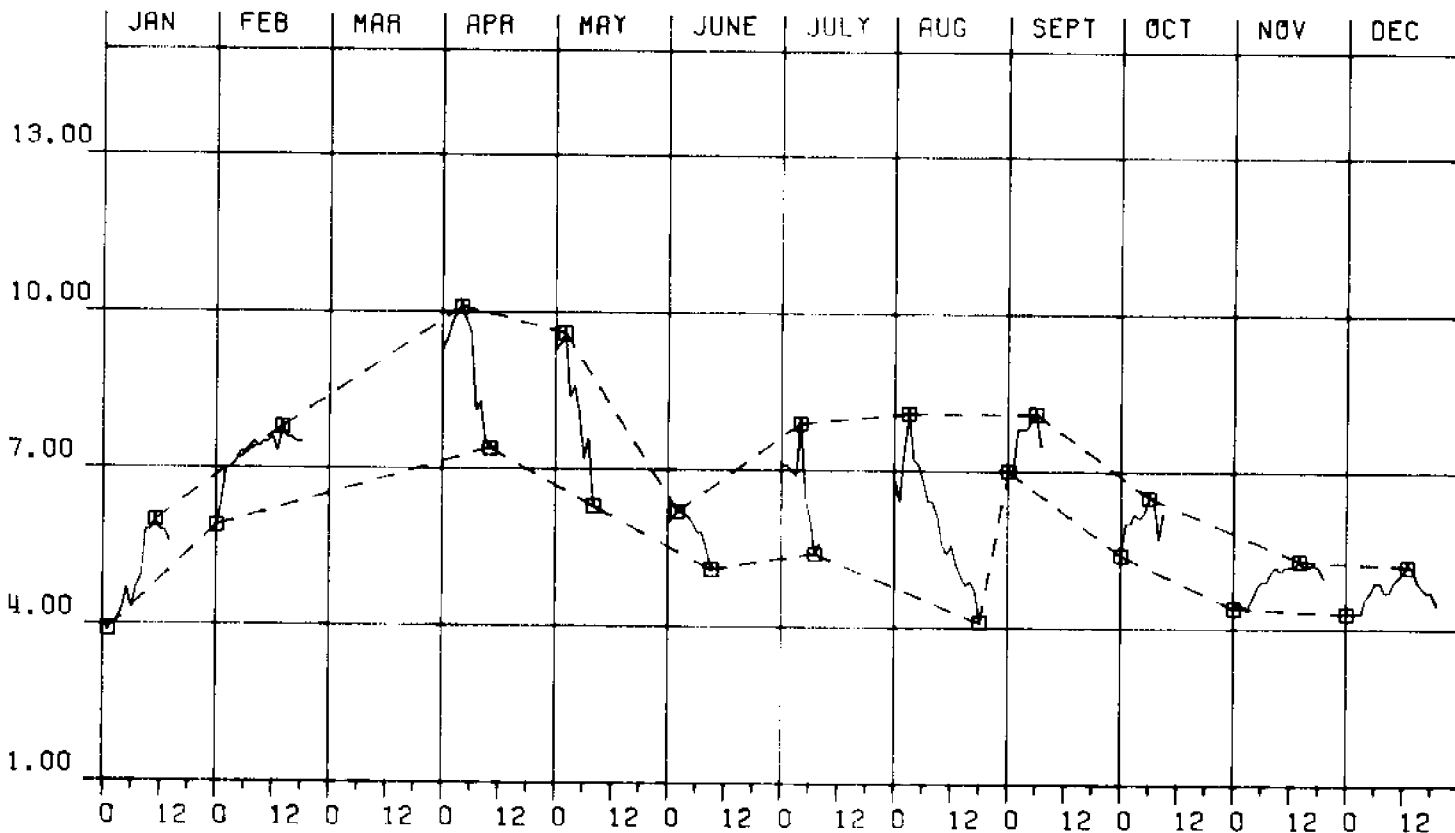
B7 UNION PACIFIC RAILROAD DOCK  
 DATE: 1973  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. SALINITY PPT



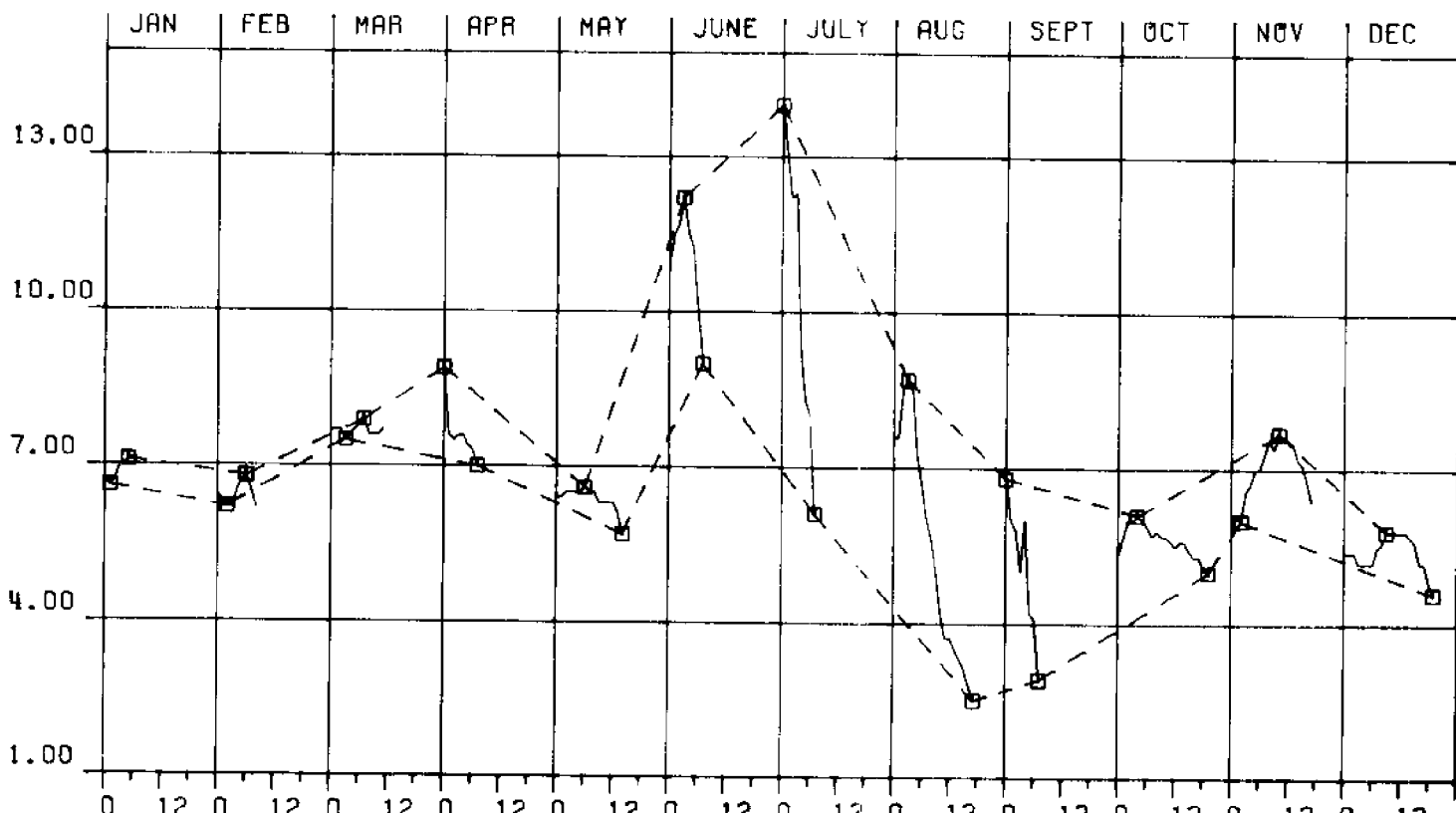
B7 UNION PACIFIC RAILROAD DOCK  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. SALINITY PPT



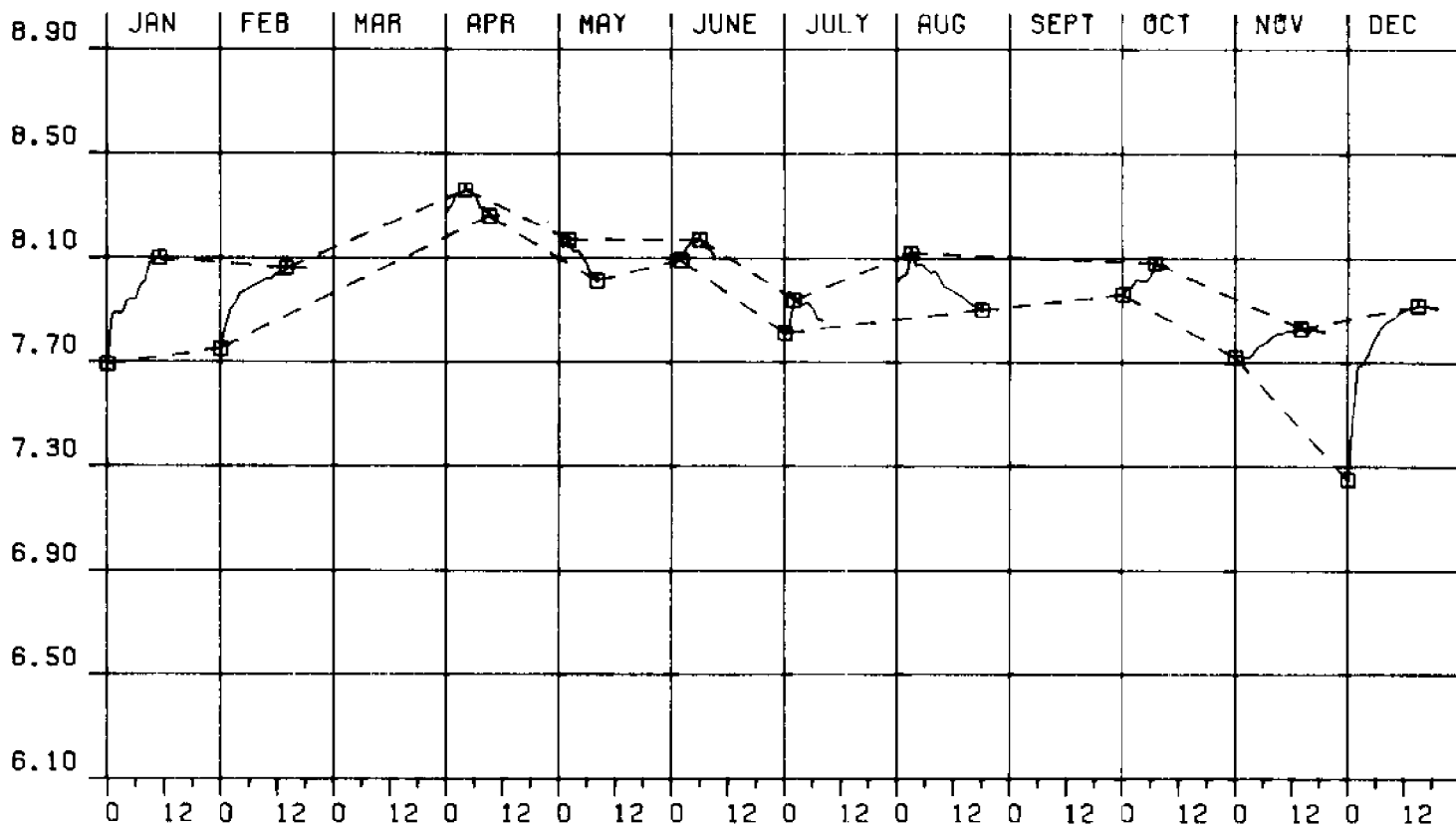
B7 UNION PACIFIC RAILROAD DOCK  
 DATE: 1973  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. DISSOLVED OXYGEN PPM



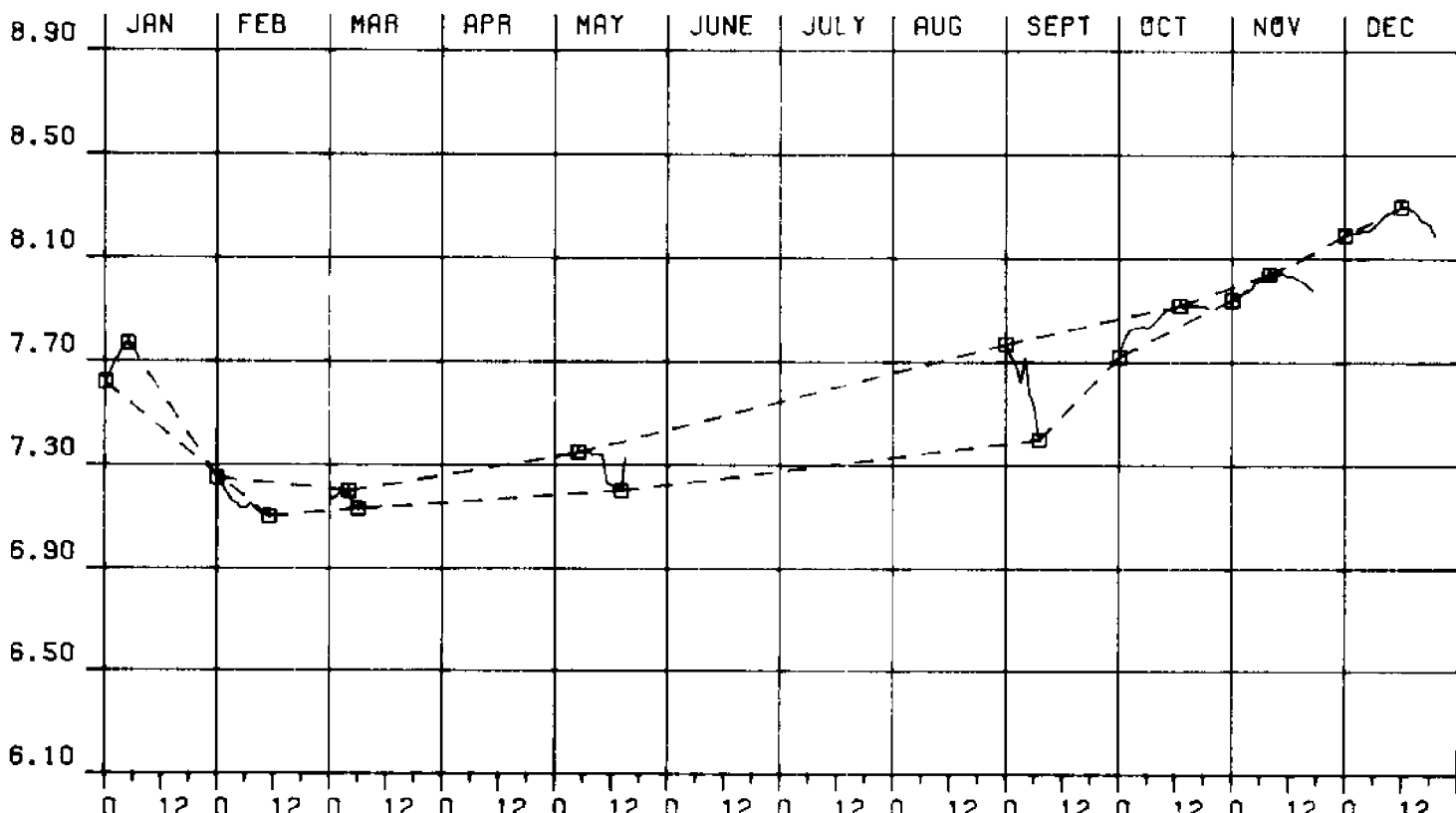
B7 UNION PACIFIC RAILROAD DOCK  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. DISSOLVED OXYGEN PPM



B7 UNION PACIFIC RAILROAD DOCK  
 DATE: 1973  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. PH H ION CONC



B7 UNION PACIFIC RAILROAD DOCK  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. PH H ION CONC



DATE: JANUARY 1973

STATION: 57 UNION PACIFIC RAILROAD DOCK

DEPTH METERS	FEET	TEMPERATURE		SALINITY PPT	D.O2 PPM	PH	TURBIDITY %
		C	F				
00	0.0	13.30	56.84	-1.00	4.00	7.69	-1.00
01	3.28	13.70	56.66	10.69	3.90	7.68	-1.00
02	6.56	13.40	56.48	33.01	4.00	7.64	-1.00
03	9.84	13.50	56.30	33.57	4.10	7.68	-1.00
04	13.12	13.50	56.30	33.66	4.30	7.93	-1.00
05	16.40	13.40	56.12	33.64	4.70	7.94	-1.00
06	19.68	13.30	55.94	33.93	4.30	7.94	-1.00
07	22.96	13.30	55.94	34.59	4.70	7.99	-1.00
08	26.24	13.30	55.94	34.68	4.90	8.01	-1.00
09	29.52	13.30	55.94	34.68	5.80	8.08	-1.00
10	32.80	13.30	55.94	34.78	5.80	8.09	-1.00
11	36.08	13.30	55.94	34.87	6.00	8.10	-1.00
12	39.36	13.30	55.94	34.87	5.80	8.09	-1.00
13	42.64	13.30	55.94	34.78	5.80	8.09	-1.00
14	45.92	13.30	55.94	34.87	5.60	8.09	-1.00
15	49.20	13.30	55.94	-1.00	-1.00	-1.00	-1.00

DATE: FEBRUARY 1973

STATION: 57 UNION PACIFIC RAILROAD DOCK

DEPTH METERS	FEET	TEMPERATURE		SALINITY PPT	D.O2 PPM	PH	TURBIDITY %
		C	F				
00	0.0	13.60	55.40	-1.00	5.90	7.75	-1.00
01	3.28	13.90	57.02	-1.00	6.30	7.83	-1.00
02	6.56	13.80	55.84	32.20	7.00	7.90	-1.00
03	9.84	13.70	56.86	32.80	7.00	7.92	-1.00
04	13.12	13.60	56.48	32.80	7.10	7.96	-1.00
05	16.40	13.50	56.30	33.50	7.30	7.97	-1.00
06	19.68	13.50	56.30	33.60	7.30	7.98	-1.00
07	22.96	13.50	55.30	33.60	7.40	7.99	-1.00
08	26.24	13.50	56.30	33.80	7.50	8.00	-1.00
09	29.52	13.50	56.30	33.80	7.40	8.01	-1.00
10	32.80	13.50	56.30	33.90	7.30	8.02	-1.00
11	36.08	13.50	56.30	34.00	7.30	8.02	-1.00
12	39.36	13.50	56.30	34.10	7.60	8.04	-1.00
13	42.64	13.50	56.30	34.30	7.30	8.03	-1.00
14	45.92	13.50	54.30	34.50	7.80	8.06	-1.00
15	49.20	13.50	56.30	34.60	7.60	8.06	-1.00
16	52.48	13.50	54.30	34.60	7.60	8.06	-1.00
17	55.76	13.50	56.30	34.60	7.50	8.06	-1.00
18	59.04	13.50	56.30	34.60	7.50	8.06	-1.00

MISSING DATA VALUE IS -1.0

DATE: MARCH 1973

STATION: 57 UNION PACIFIC RAILROAD DOCK

DEPTH METERS	FEET	TEMPERATURE		SALINITY PPT	D.O2 PPM	PH	TURBIDITY %
		C	F				
00	0.0	14.00	57.20	31.20	8.00	8.09	-1.80
01	3.28	14.00	57.20	31.30	8.10	8.08	-1.00
02	6.56	13.90	57.02	31.70	8.40	8.17	-1.00
03	9.84	13.90	57.02	32.30	8.50	8.19	-1.00
04	13.12	13.90	57.02	32.30	8.60	8.19	-1.00
05	16.40	13.90	57.02	32.40	8.50	8.19	-1.00
06	19.68	13.80	56.84	32.60	8.40	8.19	-1.00
07	22.96	13.80	56.84	32.60	8.70	8.19	-1.00
08	26.24	13.80	56.84	32.60	8.20	8.19	-1.00
09	29.52	13.70	56.66	32.70	8.20	8.19	-1.00
10	32.80	13.70	56.66	32.80	8.00	8.19	-1.00
11	36.08	13.60	56.48	33.10	7.90	8.19	-1.00
12	39.36	13.50	56.30	33.30	7.90	8.19	-1.00
13	42.64	13.50	56.30	33.30	7.80	8.18	-1.00
14	45.92	13.40	56.12	33.50	7.70	8.18	-1.00
15	49.20	13.40	56.12	33.50	7.60	8.18	-1.00
16	52.48	13.30	55.94	33.60	6.90	8.16	-1.00
17	55.76	13.30	55.94	33.60	6.40	8.15	-1.00

DATE: APRIL 1973

STATION: 57 UNION PACIFIC RAILROAD DOCK

DEPTH METERS	FEET	TEMPERATURE		SALINITY PPT	D.O2 PPM	PH	TURBIDITY %
		C	F				
00	0.0	12.10	53.78	32.50	9.30	8.28	99.99
01	3.28	12.00	53.60	32.50	9.50	8.30	99.99
02	6.56	11.90	53.42	32.60	9.80	8.34	84.00
03	9.84	11.50	52.70	32.60	10.00	8.35	85.00
04	13.12	11.30	52.34	32.90	10.10	8.36	76.00
05	16.40	11.10	51.98	32.90	9.80	8.36	81.00
06	19.68	10.90	51.62	33.00	9.60	8.34	72.00
07	22.96	10.20	50.36	33.20	8.10	8.29	65.00
08	26.24	10.10	50.18	33.10	8.30	8.29	65.00
09	29.52	9.90	49.82	33.10	7.50	8.26	60.00
10	32.80	9.90	49.82	33.10	7.40	8.26	62.00
11	36.08	9.90	49.82	33.10	7.40	8.26	62.00

DATE: MAY 1973

STATION: 57 UNION PACIFIC RAILROAD DOCK

DEPTH METERS	FEET	TEMPERATURE		SALINITY PPT	D.O2 PPM	PH	TURBIDITY %
		C	F				
00	0.0	17.30	63.14	33.50	9.30	8.16	82.00
01	3.28	17.30	63.14	33.50	9.40	8.15	78.00
02	6.56	16.80	62.24	33.70	9.60	8.17	71.00
03	9.84	15.60	60.08	34.20	8.40	8.12	76.00
04	13.12	15.50	59.90	33.70	8.60	8.13	71.00
05	16.40	15.30	59.54	33.70	8.10	8.15	66.00
06	19.68	15.10	59.18	33.70	7.20	8.07	61.00
07	22.96	14.80	58.64	33.80	7.60	8.02	60.00
08	26.24	14.40	57.92	33.90	6.30	8.01	57.00

MISSING DATA VALUE IS +1.0

DATE: JUNE 1973  
STATION: 87 UNION PACIFIC RAILROAD DOCK

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O.2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	18.60	65.48	33.20	6.00	8.11	73.00
01	3.28	18.60	65.48	33.30	6.10	8.10	75.00
02	6.56	18.70	65.66	33.30	6.20	8.09	76.50
03	9.84	18.50	65.30	33.40	6.20	8.16	76.50
04	13.12	18.10	64.58	33.50	6.10	8.16	77.00
05	16.40	18.10	64.58	33.50	6.00	8.16	79.00
06	19.68	17.80	64.04	33.70	5.80	8.17	79.50
07	22.96	17.40	63.32	33.60	5.80	8.14	81.00
08	26.24	16.90	62.42	33.70	5.50	8.13	76.50
09	29.52	16.70	62.06	33.80	5.10	8.11	76.50

DATE: JULY 1973  
STATION: 87 UNION PACIFIC RAILROAD DOCK

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O.2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	20.30	68.54	32.60	7.10	7.91	-1.00
01	3.28	20.30	68.54	33.00	7.10	7.83	-1.00
02	6.56	20.20	68.36	33.30	7.00	7.94	-1.00
03	9.84	19.40	66.92	33.60	6.90	7.93	-1.00
04	13.12	19.10	66.38	33.50	7.90	7.92	-1.00
05	16.40	18.90	66.02	33.60	6.50	7.93	-1.00
06	19.68	18.70	65.66	33.50	6.10	7.91	-1.00
07	22.96	18.00	64.40	33.10	5.40	7.87	-1.00
08	26.24	17.20	62.96	33.80	5.60	7.86	-1.00

DATE: AUGUST 1973  
STATION: 87 UNION PACIFIC RAILROAD DOCK

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O.2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	19.00	66.20	33.00	6.80	8.01	-1.00
01	3.28	19.00	66.20	33.10	6.40	8.03	-1.00
02	6.56	18.80	65.84	33.20	7.40	8.04	+1.00
03	9.84	18.20	64.76	33.80	8.10	8.12	-1.00
04	13.12	18.00	64.40	33.50	7.20	8.07	-1.00
05	16.40	17.70	63.88	33.50	7.10	8.08	-1.00
06	19.68	17.20	62.96	33.60	6.80	8.06	-1.00
07	22.96	17.10	62.78	33.50	6.40	8.04	-1.00
08	26.24	16.90	62.42	33.50	6.40	8.05	-1.00
09	29.52	16.60	61.88	33.70	6.10	8.02	-1.00
10	32.80	16.10	60.98	33.90	5.60	7.99	-1.00
11	36.08	15.60	60.08	33.60	5.40	7.98	-1.00
12	39.36	15.50	59.90	33.60	5.60	7.97	-1.00
13	42.64	15.20	59.36	33.70	5.20	7.96	-1.00
14	45.92	15.10	59.18	33.60	5.00	7.95	-1.00
15	49.20	14.90	58.82	33.50	4.80	7.93	-1.00
16	52.48	14.80	58.64	33.00	4.90	7.92	-1.00
17	55.76	14.80	58.64	33.50	4.70	7.91	-1.00
18	59.04	14.70	58.46	33.40	4.10	7.90	-1.00

MISSING DATA VALUE IS -1.0

DATE: SEPTEMBER 1973  
STATION: 87 UNION PACIFIC RAILROAD DOCK

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O.2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	17.90	64.22	32.80	7.30	-1.00	77.00
01	3.28	17.80	64.04	32.90	7.00	-1.00	77.00
02	6.56	17.80	64.04	33.00	7.90	-1.00	77.00
03	9.84	17.80	64.04	33.10	7.80	-1.00	82.00
04	13.12	17.80	64.04	33.10	7.90	-1.00	81.00
05	16.40	17.80	64.04	33.10	8.00	-1.00	80.00
06	19.68	17.70	63.86	33.10	8.10	-1.00	79.00
07	22.96	17.60	63.68	33.20	7.50	-1.00	60.00

DATE: OCTOBER 1973  
STATION: 87 UNION PACIFIC RAILROAD DOCK

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O.2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	17.20	62.96	33.30	5.40	7.96	77.50
01	3.28	17.30	63.14	33.30	6.00	7.94	81.00
02	6.56	17.30	63.14	33.10	6.00	7.94	82.00
03	9.84	17.30	63.14	33.10	6.20	8.02	82.00
04	13.12	17.20	62.96	33.10	6.10	8.01	82.00
05	16.40	17.10	62.78	33.20	6.20	8.01	81.50
06	19.68	17.00	62.60	33.30	6.50	8.03	81.50
07	22.96	16.60	61.88	33.70	6.50	8.08	82.00
08	26.24	16.40	61.52	33.40	5.70	8.07	76.00
09	29.52	16.00	60.80	33.30	6.20	8.07	74.50

DATE: NOVEMBER 1973  
STATION: 87 UNION PACIFIC RAILROAD DOCK

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O.2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	15.10	59.54	32.60	4.40	7.72	79.50
01	3.28	15.30	59.54	33.30	4.45	7.73	81.00
02	6.56	15.30	59.90	33.30	4.45	7.72	81.00
03	9.84	15.50	59.90	33.30	4.40	7.72	80.00
04	13.12	15.40	59.72	33.20	4.60	7.74	79.50
05	16.40	15.40	59.72	33.20	4.80	7.76	80.00
06	19.68	15.40	59.72	33.20	4.90	7.77	81.00
07	22.96	15.30	59.54	33.50	4.90	7.78	80.00
08	26.24	15.30	59.54	33.50	5.10	7.80	79.00
09	29.52	15.20	59.36	33.60	5.20	7.81	75.50
10	32.80	15.10	59.18	33.70	5.10	7.81	74.50
11	36.08	15.10	59.18	33.70	5.20	7.82	74.00
12	39.36	15.10	59.18	33.70	5.20	7.82	72.00
13	42.64	15.10	59.18	33.70	5.20	7.82	70.00
14	45.92	15.10	59.18	33.70	5.30	7.83	69.00
15	49.20	15.00	59.00	33.70	5.20	7.82	67.50
16	52.48	15.00	59.00	33.70	5.20	7.82	64.00
17	55.76	15.00	59.00	33.70	5.25	7.83	65.00
18	59.04	15.00	59.00	33.70	5.20	7.82	58.00
19	62.32	15.00	59.00	33.70	5.00	7.82	-1.00

MISSING DATA VALUE IS -1.0

DATE: DECEMBER 1973

STATION: B7 UNION PACIFIC RAILROAD DOCK

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O.2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	-1.00	-1.00	-1.00	4.30	7.25	80.00
01	3.28	-1.00	-1.00	-1.00	4.30	7.46	80.00
02	6.56	-1.00	-1.00	-1.00	4.30	7.68	80.50
03	9.84	-1.00	-1.00	-1.00	4.30	7.69	79.00
04	13.12	-1.00	-1.00	-1.00	4.60	7.72	77.50
05	16.40	-1.00	-1.00	-1.00	4.70	7.76	76.50
06	19.68	-1.00	-1.00	-1.00	4.90	7.80	72.00
07	22.96	-1.00	-1.00	-1.00	4.90	7.83	69.00
08	26.24	-1.00	-1.00	-1.00	4.70	7.86	72.50
09	29.52	-1.00	-1.00	-1.00	4.70	7.86	62.00
10	32.80	-1.00	-1.00	-1.00	4.90	7.87	55.50
11	36.08	-1.00	-1.00	-1.00	5.00	7.89	67.50
12	39.36	-1.00	-1.00	-1.00	5.10	7.90	61.50
13	42.64	-1.00	-1.00	-1.00	5.20	7.91	50.50
14	45.92	-1.00	-1.00	-1.00	5.20	7.91	48.00
15	49.20	-1.00	-1.00	-1.00	4.90	7.92	48.00
16	52.48	-1.00	-1.00	-1.00	4.80	7.92	47.00
17	55.76	-1.00	-1.00	-1.00	4.70	7.92	41.00
18	59.04	-1.00	-1.00	-1.00	4.70	7.91	27.00
19	62.32	-1.00	-1.00	-1.00	4.50	7.91	-1.00

DATE: JANUARY 1974

STATION: B7 UNION PACIFIC RAILROAD DOCK

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O.2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	13.50	55.30	31.50	6.70	7.62	89.00
01	3.28	13.40	56.12	32.10	6.80	7.65	87.00
02	6.56	13.30	55.94	32.50	6.70	7.70	86.50
03	9.84	13.20	55.76	32.80	7.00	7.72	84.00
04	13.12	13.10	55.58	33.00	7.00	7.76	84.00
05	16.40	13.10	55.58	33.10	7.10	7.77	83.50
06	19.68	13.10	55.58	33.10	7.10	7.76	51.00

DATE: FEBRUARY 1974

STATION: B7 UNION PACIFIC RAILROAD DOCK

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O.2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	13.40	56.12	32.50	6.40	7.25	-1.00
01	3.28	13.50	56.30	32.80	6.30	7.22	-1.00
02	6.56	13.50	56.30	33.00	6.20	7.19	-1.00
03	9.84	13.50	56.30	33.10	6.20	7.16	-1.00
04	13.12	13.50	56.30	33.25	6.50	7.16	-1.00
05	16.40	13.50	56.30	33.30	6.70	7.13	-1.00
06	19.68	13.50	56.30	33.30	6.80	7.13	-1.00
07	22.96	13.50	55.30	33.35	6.50	7.16	-1.00
08	26.24	13.50	56.30	33.35	6.20	7.13	-1.00
09	29.52	13.50	56.30	33.40	-1.00	7.11	-1.00
10	32.80	13.40	56.12	33.40	-1.00	7.11	-1.00
11	36.08	13.40	56.12	33.40	-1.00	7.10	-1.00

MISSING DATA VALUE IS -1.0

DATE: MARCH 1974

STATION: B7 UNION PACIFIC RAILROAD DOCK

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O.2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	14.30	57.74	31.15	7.70	7.17	81.50
01	3.28	14.30	57.74	31.35	7.70	7.17	84.00
02	6.56	14.70	58.46	31.15	7.70	7.19	84.00
03	9.84	14.30	57.74	32.05	7.50	7.18	86.50
04	13.12	13.90	57.02	32.70	7.60	7.20	84.00
05	16.40	13.80	56.84	33.05	7.70	7.14	80.50
06	19.68	13.70	56.66	33.10	7.80	7.13	80.00
07	22.96	13.60	56.48	33.15	7.90	7.15	60.00
08	26.24	13.60	56.30	33.30	7.60	7.13	71.50
09	29.52	13.50	56.30	33.25	7.60	7.13	63.00
10	32.80	13.50	56.30	33.25	7.60	7.13	61.00
11	36.08	13.50	56.30	33.30	7.70	7.14	49.00

DATE: APRIL 1974

STATION: B7 UNION PACIFIC RAILROAD DOCK

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O.2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	15.90	60.62	33.40	8.90	-1.00	-1.00
01	3.28	15.70	60.26	33.60	7.60	-1.00	-1.00
02	6.56	15.50	59.90	33.60	7.50	-1.00	-1.00
03	9.84	15.10	59.18	33.80	7.60	-1.00	-1.00
04	13.12	14.70	58.46	33.90	7.60	-1.00	-1.00
05	16.40	14.40	57.92	33.90	7.40	-1.00	-1.00
06	19.68	14.00	57.20	33.90	7.30	-1.00	-1.00
07	22.96	13.50	56.30	34.00	7.00	-1.00	-1.00

DATE: MAY 1974

STATION: B7 UNION PACIFIC RAILROAD DOCK

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O.2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	15.90	60.62	32.25	6.40	7.33	78.50
01	3.28	15.90	60.62	32.25	6.40	7.34	81.00
02	6.56	15.90	60.62	32.25	6.50	7.34	81.00
03	9.84	15.90	60.62	32.35	6.50	7.34	79.00
04	13.12	15.80	60.44	32.30	6.50	7.34	80.50
05	16.40	15.80	60.44	32.35	6.50	7.35	81.00
06	19.68	15.70	60.26	32.25	6.60	7.35	82.50
07	22.96	15.30	59.54	32.55	6.50	7.35	77.00
08	26.24	15.10	59.18	32.55	6.50	7.34	79.00
09	29.52	14.80	58.64	32.55	6.30	7.34	78.00
10	32.80	14.80	58.64	32.55	6.30	7.34	77.50
11	36.08	14.70	58.46	32.45	6.30	7.23	78.00
12	39.36	14.60	58.28	32.40	6.30	7.22	75.00
13	42.64	14.40	57.92	32.35	6.10	7.21	73.00
14	45.92	14.20	57.56	32.35	5.70	7.20	70.50
15	49.20	14.20	57.56	32.30	5.90	7.33	68.50

\* Possible probe malfunction

MISSING DATA VALUE IS -1.0



DATE: JUNE 1974  
STATION: B7 UNION PACIFIC RAILROAD DOCK

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY P/1000	D.O2 PPM	PH	TURBIDITY X
		C	F				
00	0.0	18.70	65.66	30.40	11.00	-1.00	62.50
01	3.28	18.80	65.64	30.40	11.50	-1.00	64.50
02	6.56	18.90	66.02	30.30	11.70	-1.00	76.50
03	9.84	18.50	65.30	30.60	12.20	-1.00	85.00
04	13.12	17.90	64.22	30.70	11.50	-1.00	85.50
05	16.40	17.00	64.04	30.70	11.20	-1.00	84.00
06	19.68	17.40	63.32	30.80	10.10	-1.00	65.00
07	22.96	16.30	61.34	31.30	9.00	-1.00	-1.00

\* Possible probe malfunction

DATE: JULY 1974  
STATION: B7 UNION PACIFIC RAILROAD DOCK

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY P/1000	D.O2 PPM	PH	TURBIDITY X
		C	F				
00	0.0	20.00	68.00	-1.00	14.00	-1.00	50.00
01	3.28	19.00	67.02	-1.00	13.00	-1.00	54.00
02	6.56	19.00	67.04	-1.00	12.00	-1.00	64.00
03	9.84	18.80	65.84	-1.00	12.30	-1.00	60.00
04	13.12	18.40	65.12	-1.00	9.30	-1.00	73.50
05	16.40	17.90	64.22	-1.00	8.90	-1.00	78.00
06	19.68	17.60	63.68	-1.00	8.00	-1.00	77.50
07	22.96	16.90	62.42	-1.00	6.10	-1.00	78.80

MISSING DATA VALUE IS -1.0

DATE: AUGUST 1974  
STATION: B7 UNION PACIFIC RAILROAD DOCK

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY P/1000	D.O2 PPM	PH	TURBIDITY X
		C	F				
00	0.0	20.40	68.72	32.60	7.60	-1.00	38.00
01	3.28	20.30	68.54	32.60	7.60	-1.00	38.50
02	6.56	20.50	68.90	32.50	8.60	-1.00	40.00
03	9.84	20.40	68.72	32.70	8.70	-1.00	43.50
04	13.12	20.30	68.54	32.60	8.80	-1.00	44.50
05	16.40	19.60	67.28	32.90	7.20	-1.00	44.50
06	19.68	19.20	66.56	33.10	6.60	-1.00	44.00
07	22.96	18.90	66.02	32.90	6.00	-1.00	44.00
08	26.24	18.40	65.12	33.10	5.60	-1.00	44.00
09	29.52	18.10	64.58	33.20	5.00	-1.00	44.00
10	32.80	17.90	64.22	33.10	4.20	-1.00	44.00
11	36.08	16.90	62.42	33.20	3.70	-1.00	40.00
12	39.36	16.80	62.24	33.20	3.70	-1.00	39.00
13	42.64	16.70	62.06	33.20	3.50	-1.00	37.00
14	45.92	16.50	61.70	33.40	3.30	-1.00	35.60
15	49.20	16.20	61.16	33.30	3.10	-1.00	33.00
16	52.48	16.00	60.80	33.40	2.80	-1.00	47.50
17	55.76	15.90	60.62	33.50	2.50	-1.00	25.50

DATE: SEPTEMBER 1974

STATION: B7 UNION PACIFIC RAILROAD DOCK

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY P/1000	D.O2 PPM	PH	TURBIDITY X
		C	F				
00	0.0	19.70	67.46	33.10	6.80	7.77	71.00
01	3.28	19.80	67.64	33.00	6.00	7.72	73.00
02	6.56	19.80	67.04	33.00	5.80	7.69	74.00
03	9.84	19.70	67.46	33.40	5.00	7.62	77.50
04	13.12	19.60	67.28	33.50	6.00	7.72	83.00
05	16.40	19.40	66.92	33.50	4.20	7.58	83.50
06	19.68	19.40	66.92	33.60	4.10	7.52	84.60
07	22.96	18.70	65.66	33.80	2.90	7.40	85.00

MISSING DATA VALUE IS -1.0

DATE: OCTOBER 1974

STATION: 87 UNION PACIFIC RAILROAD DOCK

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY P/1000	D.O2 PPM	PH M. ION CONC	TURBIDITY S
		C	F				
00	0.0	17.00	62.60	32.30	5.40	7.72	61.50
01	3.28	17.00	62.60	32.30	5.70	7.78	65.00
02	6.56	17.00	62.60	32.30	6.00	7.82	65.00
03	9.84	16.90	62.42	32.40	6.00	7.83	65.50
04	13.12	16.90	62.42	32.40	6.10	7.83	65.50
05	16.40	16.90	62.42	32.40	6.00	7.84	64.00
06	19.68	16.50	61.70	32.70	5.90	7.83	63.00
07	22.96	16.00	60.80	32.70	5.70	7.84	60.50
08	26.24	15.80	60.44	32.90	5.80	7.86	59.00
09	29.52	15.70	60.26	32.90	5.70	7.88	59.00
10	32.80	15.60	60.08	32.90	5.70	7.90	56.50
11	36.08	15.40	59.72	32.90	5.60	7.90	56.00
12	39.36	15.30	59.54	33.00	5.50	7.91	55.00
13	42.64	15.20	59.36	33.10	5.60	7.92	53.50
14	45.92	15.20	59.36	33.10	5.80	7.91	50.00
15	49.20	15.10	59.18	33.20	5.40	7.92	47.00
16	52.48	15.10	59.18	33.10	5.30	7.92	45.50
17	55.76	15.10	59.18	33.10	5.30	7.92	43.00
18	59.04	15.10	59.18	33.10	5.10	7.92	43.00
19	62.32	15.00	59.00	33.20	5.00	7.91	20.00

DATE: DECEMBER 1974

STATION: 87 UNION PACIFIC RAILROAD DOCK

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY P/1000	D.O2 PPM	PH M. ION CONC	TURBIDITY S
		C	F				
00	0.0	14.20	57.56	31.30	5.40	8.19	66.50
01	3.28	14.20	57.56	32.00	5.40	8.20	75.00
02	6.56	14.20	57.56	32.20	5.40	8.20	75.00
03	9.84	14.30	57.74	32.40	5.20	8.20	74.00
04	13.12	14.60	58.28	32.30	5.20	8.21	74.00
05	16.40	14.70	58.46	32.40	5.20	8.21	73.50
06	19.68	14.70	58.46	32.50	5.20	8.22	73.50
07	22.96	14.60	58.28	32.70	5.50	8.24	71.00
08	26.24	14.60	58.28	32.90	5.60	8.26	71.00
09	29.52	14.60	58.28	33.10	5.80	8.28	67.00
10	32.80	14.60	58.28	33.10	5.80	8.28	65.00
11	36.08	14.60	58.28	33.20	5.80	8.29	64.00
12	39.36	14.60	58.28	33.30	5.80	8.30	63.00
13	42.64	14.60	58.28	33.30	5.80	8.30	62.00
14	45.92	14.60	58.28	33.30	5.70	8.29	59.00
15	49.20	14.60	58.28	33.30	5.60	8.28	58.00
16	52.48	14.60	58.28	33.40	5.20	8.25	56.00
17	55.76	14.80	58.28	33.40	5.20	8.24	59.00
18	59.04	14.60	58.28	33.40	4.80	8.23	-1.00
19	62.32	14.60	58.28	33.40	4.60	8.19	-1.00

MISSING DATA VALUE IS -1.0

DATE: NOVEMBER 1974

STATION: 87 UNION PACIFIC RAILROAD DOCK

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY P/1000	D.O2 PPM	PH M. ION CONC	TURBIDITY S
		C	F				
00	0.0	15.40	59.72	33.50	6.10	7.94	83.00
01	3.28	15.20	59.36	33.50	6.10	7.94	83.00
02	6.56	15.10	59.18	33.50	6.00	7.96	84.00
03	9.84	14.90	58.82	33.60	6.60	7.98	84.50
04	13.12	14.80	58.64	33.60	6.70	7.98	84.00
05	16.40	14.80	58.64	33.60	7.00	8.01	84.00
06	19.68	14.80	58.64	33.60	7.00	8.01	82.00
07	22.96	14.70	58.46	33.70	7.30	8.02	73.50
08	26.24	14.70	58.46	33.60	7.60	8.04	71.00
09	29.52	14.70	58.46	33.70	7.40	8.03	68.50
10	32.80	14.60	58.28	33.60	7.70	8.04	68.00
11	36.08	14.60	58.28	33.70	7.60	8.04	64.00
12	39.36	14.60	58.28	33.60	7.40	8.03	65.50
13	42.64	14.60	58.28	33.60	7.50	8.03	60.00
14	45.92	14.60	58.28	33.60	7.20	8.02	58.50
15	49.20	14.60	58.28	33.60	7.10	8.01	58.50
16	52.48	14.50	58.10	33.60	6.80	8.00	56.50
17	55.76	14.50	58.10	33.60	6.40	7.98	56.00

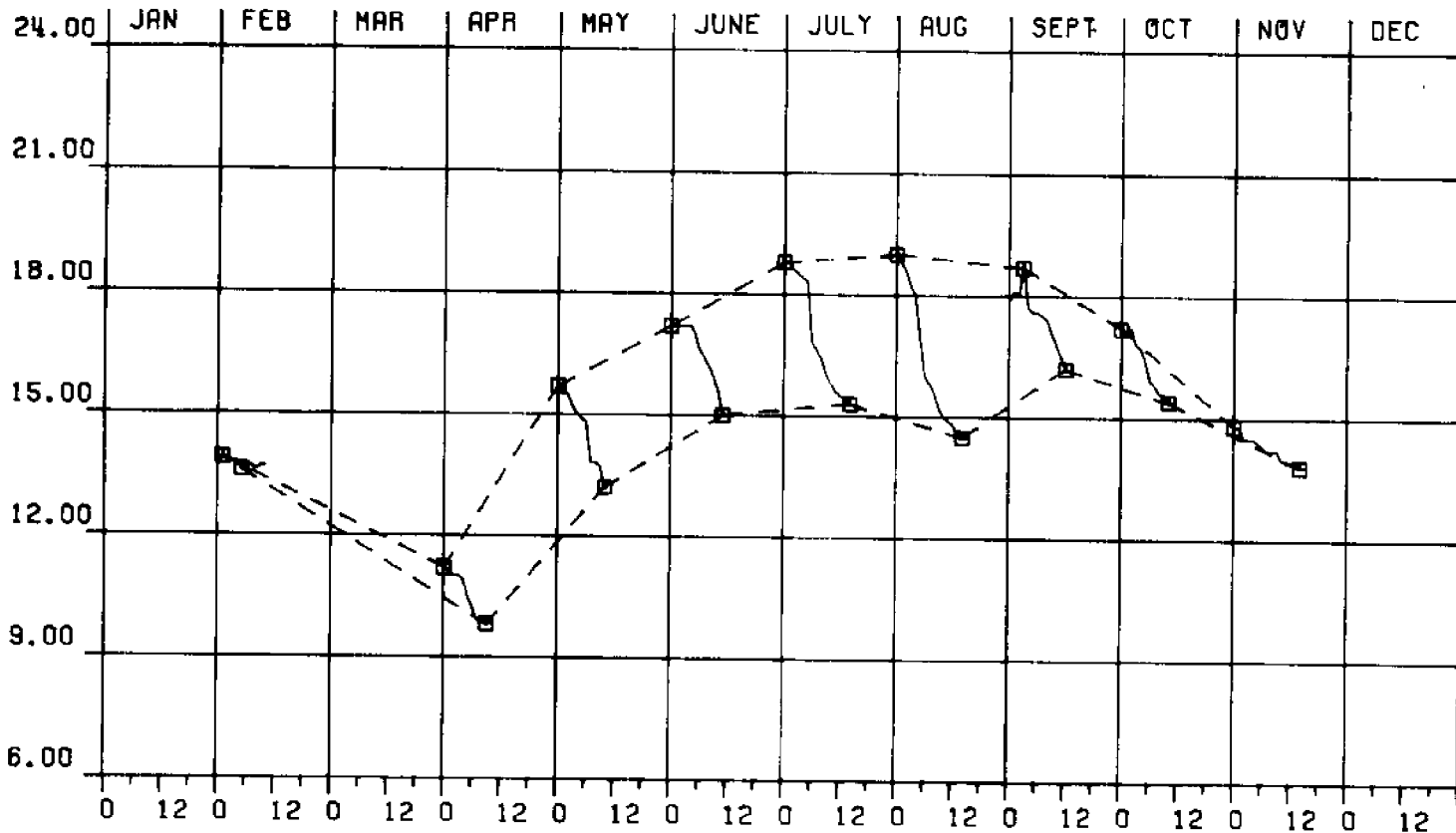
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**88 NAVY DEGAUSSING STATION**

DATE: 1973

EACH SUBGRAPH BY MONTH

DATA: DEPTH METERS VS. TEMPERATURE CELSIUS

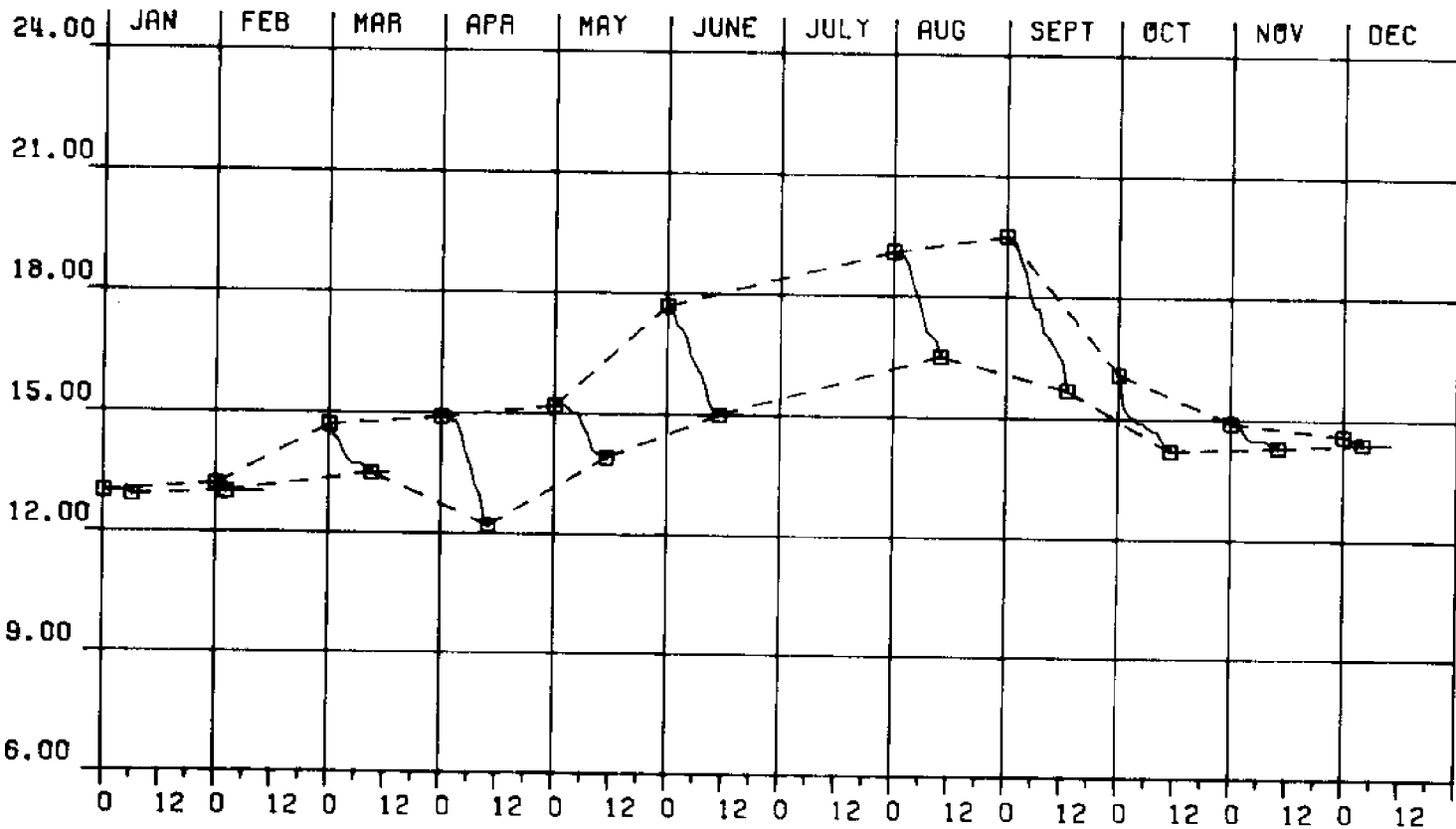


**88 NAVY DEGAUSSING STATION**

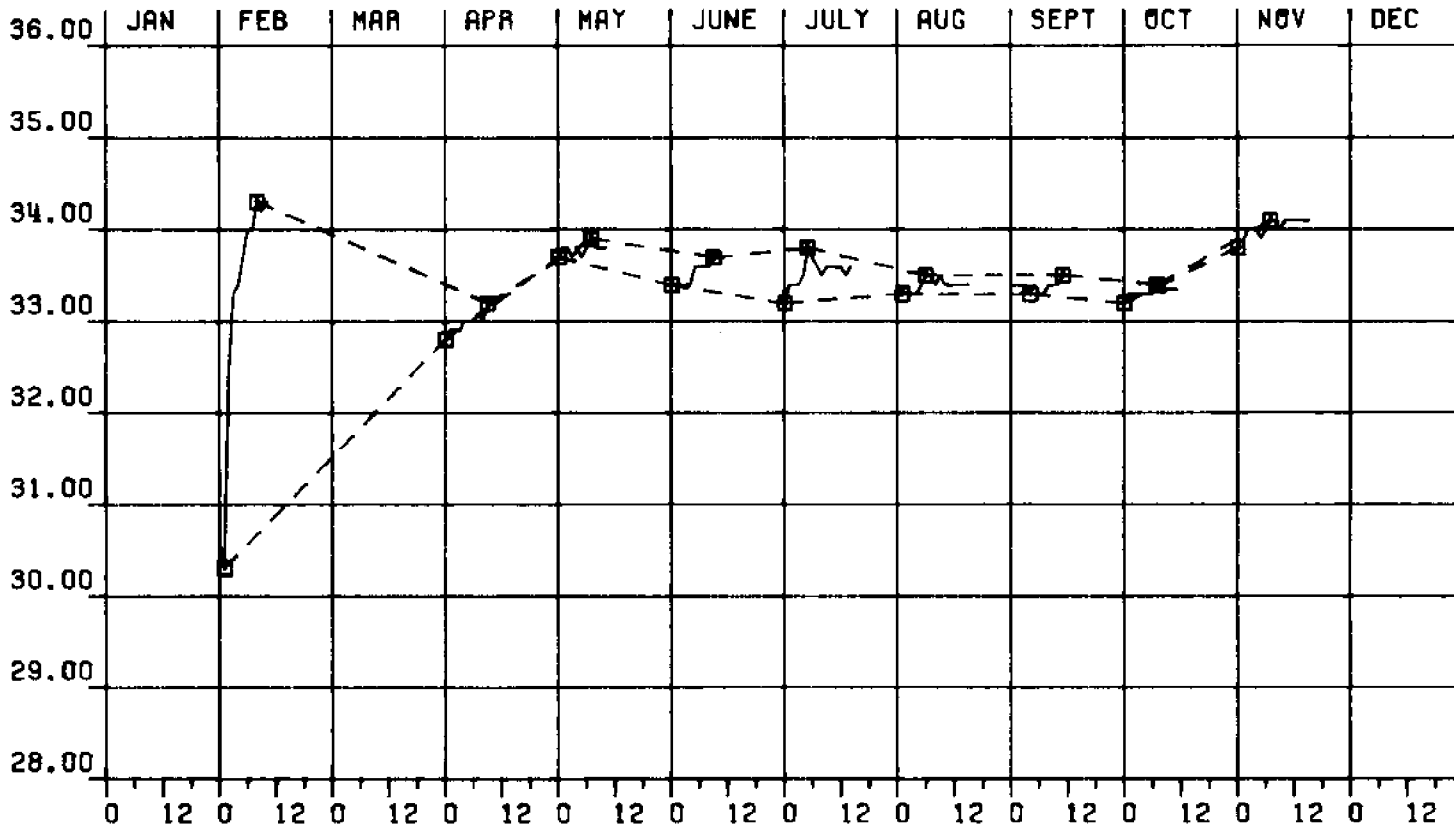
DATE: 1974

EACH SUBGRAPH BY MONTH

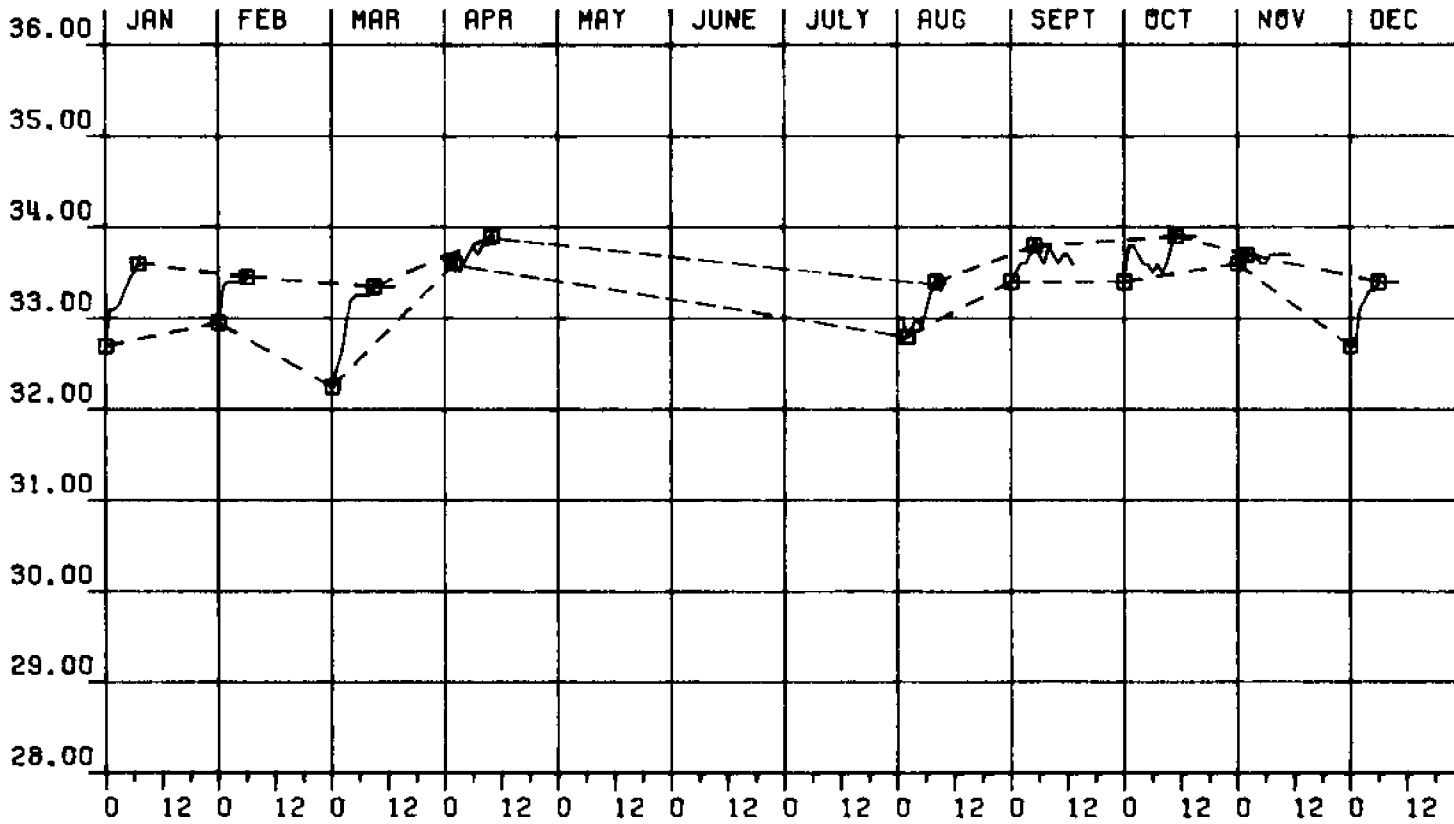
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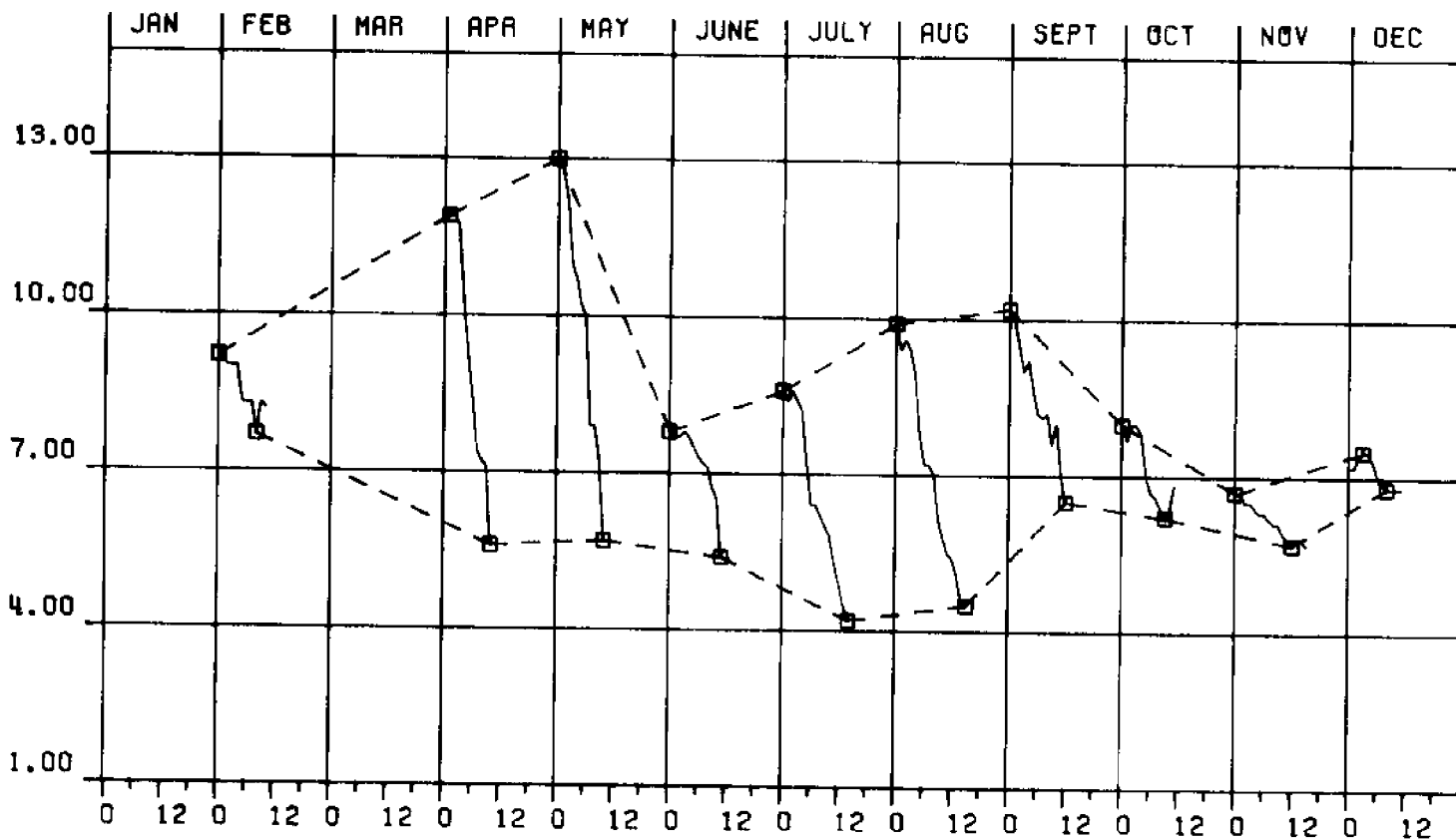
88 NAVY DEGAUSSING STATION  
 DATE: 1973  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. SALINITY PPT



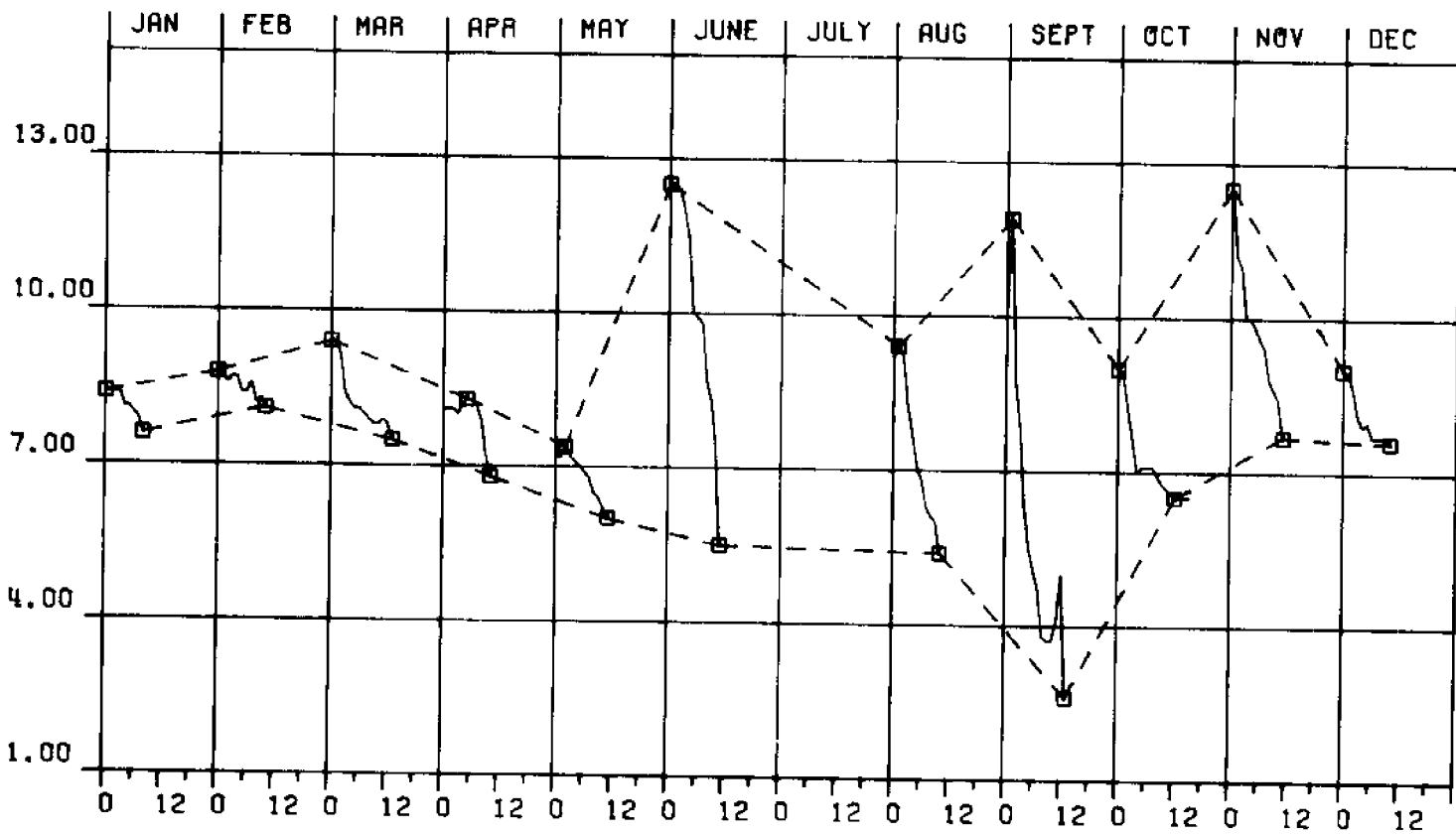
88 NAVY DEGAUSSING STATION  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. SALINITY PPT



B8 NAVY DEGAUSSING STATION  
 DATE: 1973  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. DISSOLVED OXYGEN PPM



B8 NAVY DEGAUSSING STATION  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. DISSOLVED OXYGEN PPM

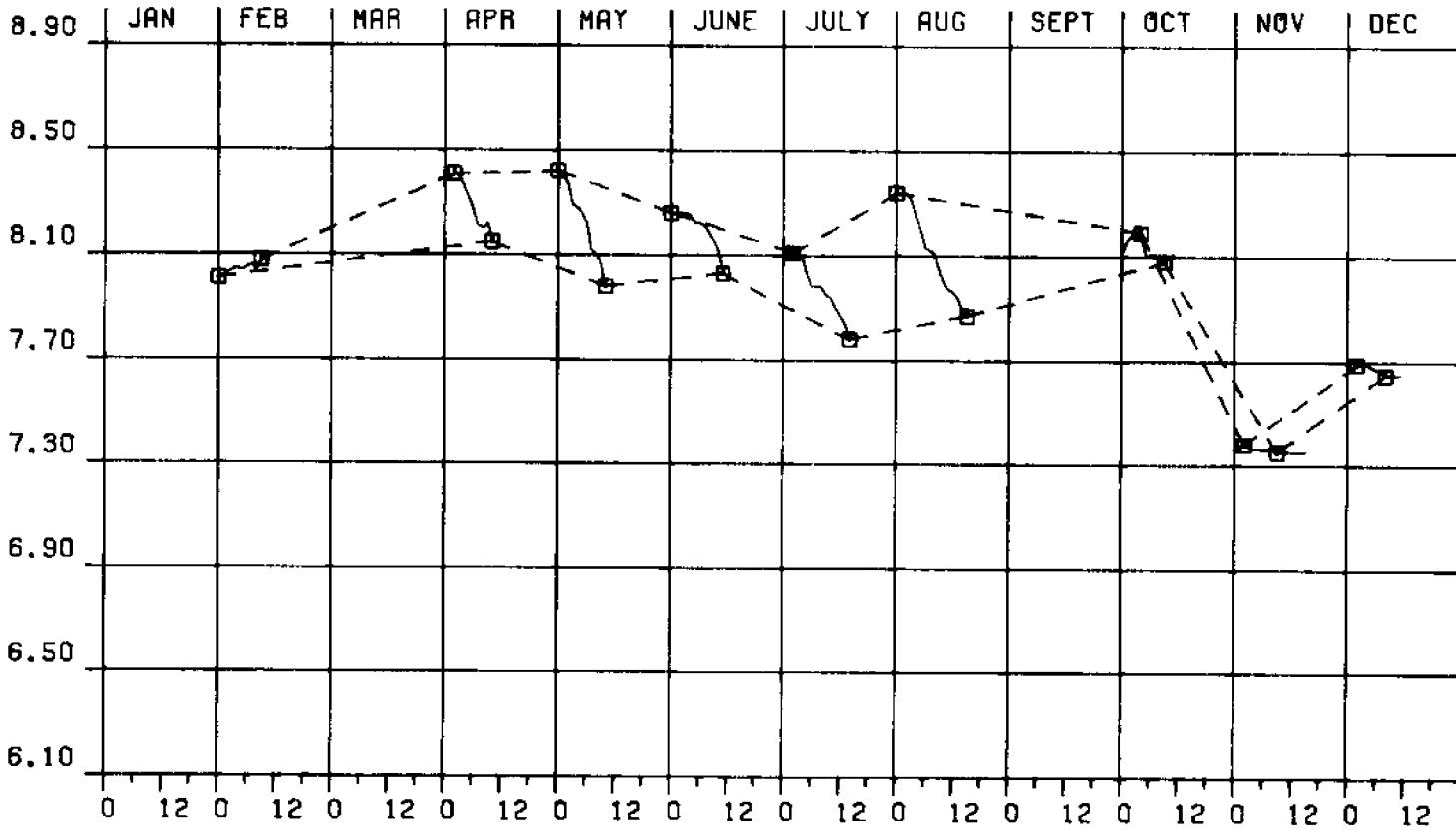


BB NAVY DEGAUSSING STATION

DATE: 1973

EACH SUBGRAPH BY MONTH

DATA: DEPTH METERS VS. PH H ION CONC

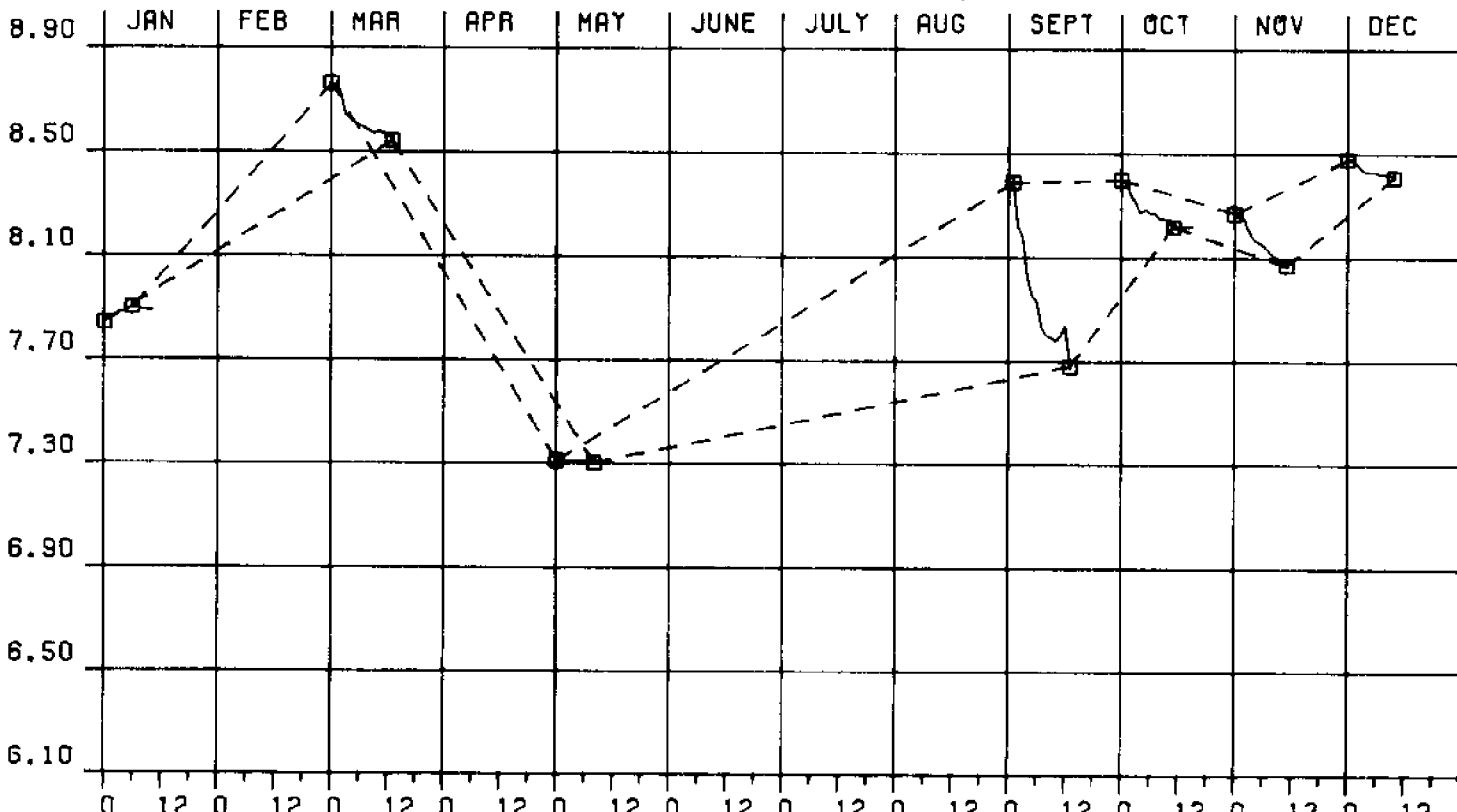


BB NAVY DEGAUSSING STATION

DATE: 1974

EACH SUBGRAPH BY MONTH

DATA: DEPTH METERS VS. PH H ION CONC



DATE: FEBRUARY 1973

STATION: 88 NAVY DEGAUSSING STATION

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/00	D.O2 PPM	PH H ION CONC	TURBIDITY %
00	0.0	13.80	56.84	30.60	9.20	8.01	-1.00
01	3.28	13.90	57.02	30.30	9.10	8.01	-1.00
02	6.56	13.80	56.84	32.30	9.00	8.03	-1.00
03	9.84	13.80	56.84	33.30	9.00	8.04	-1.00
04	13.12	13.80	56.84	33.40	9.00	9.05	-1.00
05	16.40	13.80	56.84	33.70	8.30	8.04	-1.00
06	19.68	13.70	56.66	34.00	8.30	8.05	-1.00
07	22.96	13.70	56.66	34.00	8.30	8.06	-1.00
08	26.24	13.60	56.48	34.30	7.70	8.04	-1.00
09	29.52	13.70	56.66	34.70	8.30	9.08	-1.00
10	32.80	13.70	56.66	34.30	8.20	8.08	-1.00

DATE: MARCH 1973

STATION: 88 NAVY DEGAUSSING STATION

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/00	D.O2 PPM	PH H ION CONC	TURBIDITY %
00	0.0	14.00	57.20	32.30	9.70	8.22	-1.00
01	3.28	13.90	57.02	32.40	9.70	8.22	-1.00
02	6.56	13.90	57.02	32.50	9.80	8.23	-1.00
03	9.84	13.40	56.12	32.80	9.80	8.23	-1.00
04	13.12	13.20	55.76	33.00	10.00	8.23	-1.00
05	16.40	13.10	55.58	33.20	9.50	8.22	-1.00
06	19.68	13.10	55.58	33.20	8.70	8.20	-1.00
07	22.96	13.10	55.58	33.40	8.10	8.19	-1.00
08	26.24	13.10	55.58	33.40	8.00	8.19	-1.00
09	29.52	13.10	55.58	33.40	7.80	8.18	-1.00
10	32.80	13.00	55.40	33.40	7.50	8.15	-1.00
11	36.08	12.50	54.50	33.60	7.70	8.15	-1.00
12	39.36	12.30	54.14	33.80	7.80	8.15	-1.00
13	42.64	11.90	53.42	33.60	7.10	8.11	-1.00

DATE: APRIL 1973

STATION: 88 NAVY DEGAUSSING STATION

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/00	D.O2 PPM	PH H ION CONC	TURBIDITY %
00	0.0	11.20	52.16	32.80	11.80	8.39	86.00
01	3.28	11.10	51.98	32.90	11.90	8.40	91.00
02	6.56	11.00	51.80	32.90	11.90	8.41	89.00
03	9.84	11.00	51.80	32.90	11.70	8.40	88.00
04	13.12	10.90	51.62	33.00	10.30	8.36	85.00
05	16.40	10.80	51.44	33.00	9.30	8.32	81.00
06	19.68	10.20	50.36	33.00	8.40	8.27	80.00
07	22.96	9.90	49.82	33.10	7.40	8.21	80.00
08	26.24	9.90	49.82	33.00	7.20	8.20	76.00
09	29.52	9.80	49.64	33.20	7.10	8.22	74.00
10	32.80	9.80	49.64	33.20	5.60	8.15	71.00

MISSING DATA VALUE IS -1.0

DATE: MAY 1973

STATION: 89 NAVY DEGAUSSING STATION

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/00	D.O2 PPM	PH H ION CONC	TURBIDITY %
00	0.0	15.70	60.26	33.70	13.00	8.42	84.00
01	3.28	15.50	59.90	33.80	12.80	8.41	81.00
02	6.56	15.50	59.90	33.60	12.20	8.37	70.00
03	9.84	15.20	59.36	33.70	11.00	8.29	65.00
04	13.12	15.00	59.00	33.80	10.70	8.28	66.00
05	16.40	14.90	58.82	33.70	10.20	8.26	65.00
06	19.68	14.60	58.28	33.80	10.00	8.22	63.00
07	22.96	13.80	56.84	33.90	7.90	8.12	63.00
08	26.24	13.80	56.84	33.80	7.90	8.10	61.00
09	29.52	13.70	56.66	33.60	7.20	8.07	61.00
10	32.80	13.20	55.76	33.80	5.70	7.98	-1.00

DATE: JUNE 1973

STATION: 88 NAVY DEGAUSSING STATION

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/00	D.O2 PPM	PH H ION CONC	TURBIDITY %
00	0.0	17.20	62.96	33.40	7.80	8.26	74.50
01	3.28	17.20	62.96	33.40	7.70	8.26	76.50
02	6.56	17.20	62.96	33.40	7.70	8.26	76.50
03	9.84	17.20	62.96	33.40	7.80	8.26	76.00
04	13.12	17.20	62.96	33.40	7.70	8.25	78.00
05	16.40	17.00	62.60	33.60	7.50	8.22	76.50
06	19.68	16.60	61.88	33.60	7.30	8.22	77.00
07	22.96	16.40	61.52	33.60	7.20	8.21	79.00
08	26.24	16.20	61.16	33.60	7.10	8.18	79.00
09	29.52	15.90	60.62	33.70	6.70	8.15	79.00
10	32.80	15.60	60.08	33.70	6.50	8.12	77.00
11	36.08	15.00	59.00	33.70	5.40	8.03	77.00

DATE: JULY 1973

STATION: 88 NAVY DEGAUSSING STATION

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/00	D.O2 PPM	PH H ION CONC	TURBIDITY %
00	0.0	18.80	65.64	33.20	8.60	8.08	-1.00
01	3.28	18.80	65.64	33.40	8.40	8.10	-1.00
02	6.56	18.60	65.48	33.40	8.60	8.11	-1.00
03	9.84	18.50	65.30	33.40	8.40	8.10	-1.00
04	13.12	18.40	65.12	33.50	8.20	8.10	-1.00
05	16.40	18.30	64.94	33.80	7.30	8.03	-1.00
06	19.68	18.00	62.24	33.70	6.40	7.98	-1.00
07	22.96	16.60	61.88	33.60	6.40	7.98	-1.00
08	26.24	16.40	61.52	33.50	6.20	7.98	-1.00
09	29.52	16.00	60.80	33.60	6.00	7.95	-1.00
10	32.80	15.80	60.44	33.60	5.80	7.94	-1.00
11	36.08	15.60	60.08	33.60	5.30	7.90	-1.00
12	39.36	15.50	59.90	33.60	4.90	7.87	-1.00
13	42.64	15.40	59.72	33.50	4.50	7.84	-1.00
14	45.92	15.30	59.54	33.60	4.20	7.78	-1.00

MISSING DATA VALUE IS -1.0

DATE: AUGUST 1973  
STATION: 88 NAVY DEGAUSSING STATION

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O2 PPM	PH	TURBIDITY %
00	0.0	19.00	66.20	33.40	9.90	8.34	-1.00
01	3.28	18.80	65.84	33.30	9.40	8.34	-1.00
02	6.56	18.60	65.48	33.30	9.60	8.34	-1.00
03	9.84	18.20	64.76	33.30	9.40	8.32	-1.00
04	13.12	18.00	64.40	33.30	8.90	8.26	-1.00
05	16.40	16.90	62.42	33.40	7.80	8.20	-1.00
06	19.68	16.00	60.80	33.50	7.20	8.13	-1.00
07	22.96	15.80	60.44	33.50	7.20	8.12	-1.00
08	26.24	15.60	60.08	33.40	7.00	8.11	-1.00
09	29.52	15.20	59.36	33.50	6.20	8.05	-1.00
10	32.80	15.00	59.00	33.40	5.80	8.00	-1.00
11	36.08	14.90	58.82	33.40	5.30	7.97	-1.00
12	39.36	14.80	58.64	33.40	5.40	7.96	-1.00
13	42.64	14.60	58.28	33.40	5.10	7.94	-1.00
14	45.92	14.50	58.10	33.40	4.60	7.89	-1.00
15	49.20	14.50	58.10	33.40	4.30	7.87	-1.00

DATE: NOVEMBER 1973  
STATION: 88 NAVY DEGAUSSING STATION

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O2 PPM	PH	TURBIDITY %
00	0.0	14.80	58.64	33.80	6.70	7.36	77.00
01	3.28	14.80	58.64	33.80	6.70	7.37	84.00
02	6.56	14.50	58.10	34.00	6.50	7.38	86.00
03	9.84	14.50	58.10	34.00	6.50	7.37	88.00
04	13.12	14.50	58.10	34.00	6.40	7.36	89.00
05	16.40	14.40	57.92	33.90	6.30	7.36	88.50
06	19.68	14.30	57.74	34.00	6.30	7.36	87.00
07	22.96	14.20	57.56	34.10	6.20	7.36	86.50
08	26.24	14.20	57.56	34.10	6.10	7.36	86.00
09	29.52	14.20	57.56	34.00	6.10	7.35	86.00
10	32.80	14.00	57.20	34.10	5.90	7.35	84.50
11	36.08	13.90	57.02	34.10	5.80	7.35	78.50
12	39.36	13.90	57.02	34.10	5.70	7.35	75.50
13	42.64	13.90	57.02	34.10	5.80	7.36	76.00
14	45.92	13.80	56.84	34.10	5.80	7.35	73.00
15	49.20	13.80	56.84	34.10	5.70	7.35	72.00

DATE: SEPTEMBER 1973  
STATION: 88 NAVY DEGAUSSING STATION

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O2 PPM	PH	TURBIDITY %
00	0.0	17.90	64.22	33.40	10.20	-1.00	74.00
01	3.28	18.10	64.58	33.40	10.00	-1.00	72.00
02	6.56	18.00	64.40	33.40	9.50	-1.00	72.00
03	9.84	18.70	65.66	33.40	9.00	-1.00	79.00
04	13.12	17.70	63.86	33.30	9.20	-1.00	83.00
05	16.40	17.60	63.68	33.40	8.70	-1.00	84.50
06	19.68	17.60	63.68	33.30	8.20	-1.00	86.00
07	22.96	17.50	63.50	33.30	8.10	-1.00	87.00
08	26.24	17.40	63.32	33.40	8.20	-1.00	88.50
09	29.52	17.10	62.78	33.40	7.60	-1.00	87.50
10	32.80	16.80	62.24	33.40	8.00	-1.00	85.00
11	36.08	16.50	61.70	33.50	7.00	-1.00	77.50
12	39.36	16.20	61.16	33.50	6.50	-1.00	-1.00

DATE: DECEMBER 1973  
STATION: 88 NAVY DEGAUSSING STATION

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O2 PPM	PH	TURBIDITY %
00	0.0	-1.00	-1.00	-1.00	7.20	7.68	83.00
01	3.28	-1.00	-1.00	-1.00	7.20	7.68	84.00
02	6.56	-1.00	-1.00	-1.00	7.40	7.69	83.50
03	9.84	-1.00	-1.00	-1.00	7.50	7.69	84.00
04	13.12	-1.00	-1.00	-1.00	7.50	7.69	83.50
05	16.40	-1.00	-1.00	-1.00	7.30	7.68	83.00
06	19.68	-1.00	-1.00	-1.00	7.00	7.67	82.00
07	22.96	-1.00	-1.00	-1.00	6.90	7.66	81.00
08	26.24	-1.00	-1.00	-1.00	6.80	7.66	80.00
09	29.52	-1.00	-1.00	-1.00	6.80	7.65	80.00
10	32.80	-1.00	-1.00	-1.00	6.80	7.65	79.00
11	36.08	-1.00	-1.00	-1.00	6.80	7.65	78.00

DATE: OCTOBER 1973  
STATION: 88 NAVY DEGAUSSING STATION

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O2 PPM	PH	TURBIDITY %
00	0.0	17.20	62.96	33.20	8.00	8.12	69.00
01	3.28	17.00	62.60	33.30	7.70	8.16	71.00
02	6.56	17.20	62.96	33.30	8.00	8.18	75.00
03	9.84	18.80	62.24	33.30	8.00	8.17	80.50
04	13.12	18.70	62.06	33.30	7.80	8.19	80.50
05	16.40	16.80	61.52	33.30	7.00	8.19	80.50
06	19.68	15.90	60.62	33.30	6.70	8.11	81.00
07	22.96	15.80	60.44	33.40	6.60	8.11	82.00
08	26.24	15.60	60.08	33.30	6.40	8.09	85.50
09	29.52	15.00	60.00	33.35	6.21	8.08	85.00
10	32.80	15.40	59.72	33.35	6.30	8.10	81.50
11	36.08	15.40	59.72	33.35	6.82	8.11	87.00

DATE: JANUARY 1974  
STATION: 88 NAVY DEGAUSSING STATION

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O2 PPM	PH	TURBIDITY %
00	0.0	13.00	55.40	32.70	8.40	7.84	89.50
01	3.28	13.00	55.40	33.10	8.40	7.86	89.00
02	6.56	13.00	55.40	33.10	8.40	7.86	88.50
03	9.84	13.00	55.40	33.15	8.40	7.88	87.00
04	13.12	13.00	55.40	33.30	8.10	7.88	87.00
05	16.40	13.00	55.40	33.40	8.10	7.89	87.00
06	19.68	12.90	55.22	33.30	8.00	7.90	87.00
07	22.96	12.90	55.22	33.40	7.90	7.90	85.00
08	26.24	12.90	55.22	33.60	7.60	7.89	79.00
09	29.52	12.90	55.22	33.80	7.60	7.89	74.00
10	32.80	12.90	55.22	33.60	7.60	7.89	71.00

MISSING DATA VALUE IS -1.0

MISSING DATA VALUE IS -1.0



DATE: FEBRUARY 1974

STATION: 88 NAVY DEGAUSSING STATION

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O2 PPM	PH M. ION CONC.	TURBIDITY %
00	0.0	13.20	55.76	32.95	8.80	-1.00	-1.00
01	3.28	13.10	55.58	33.35	8.70	-1.00	-1.00
02	6.56	13.00	55.40	33.40	8.60	-1.00	-1.00
03	9.84	13.00	55.40	33.40	8.70	-1.00	-1.00
04	13.12	13.00	55.40	33.40	8.70	-1.00	-1.00
05	16.40	13.00	55.40	33.40	8.40	-1.00	-1.00
06	19.68	13.00	55.40	33.45	8.40	-1.00	-1.00
07	22.96	13.00	55.40	33.45	8.60	-1.00	-1.00
08	26.24	13.00	55.40	33.45	8.20	-1.00	-1.00
09	29.52	13.00	55.40	33.45	8.30	-1.00	-1.00
10	32.80	13.00	55.40	33.45	8.10	-1.00	-1.00

DATE: MARCH 1974

STATION: 88 NAVY DEGAUSSING STATION

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O2 PPM	PH M. ION CONC.	TURBIDITY %
00	0.0	14.70	58.46	32.25	9.40	8.76	78.50
01	3.28	14.40	57.92	32.45	9.40	8.75	82.00
02	6.56	14.30	57.74	32.60	9.10	8.72	82.00
03	9.84	14.00	57.20	32.95	8.40	8.64	84.00
04	13.12	13.80	56.84	33.20	8.20	8.62	87.00
05	16.40	13.70	56.66	33.25	8.10	8.61	87.50
06	19.68	13.70	56.66	33.25	8.10	8.60	89.00
07	22.96	13.70	56.66	33.25	8.00	8.59	89.00
08	26.24	13.60	56.48	33.25	7.90	8.58	88.00
09	29.52	13.50	56.30	33.35	7.80	8.57	86.00
10	32.80	13.50	56.30	33.35	7.80	8.58	83.00
11	36.08	13.50	56.30	33.35	7.90	8.57	82.50
12	39.36	13.50	56.30	33.35	7.80	8.57	82.00
13	42.64	13.50	56.30	33.35	7.50	8.54	80.50

DATE: APRIL 1974

STATION: 88 NAVY DEGAUSSING STATION

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O2 PPM	PH M. ION CONC.	TURBIDITY %
00	0.0	14.90	58.82	33.70	8.10	-1.00	-1.00
01	3.28	14.00	57.20	33.70	8.10	-1.00	-1.00
02	6.56	14.80	58.64	33.60	8.10	-1.00	-1.00
03	9.84	14.80	58.64	33.70	8.00	-1.00	-1.00
04	13.12	14.50	58.10	33.60	8.20	-1.00	-1.00
05	16.40	14.40	57.72	33.70	8.30	-1.00	-1.00
06	19.68	13.70	56.66	33.80	8.30	-1.00	-1.00
07	22.96	13.20	55.76	33.70	8.20	-1.00	-1.00
08	26.24	13.00	55.40	33.80	7.90	-1.00	-1.00
09	29.52	12.40	54.32	33.80	7.20	-1.00	-1.00
10	32.80	12.20	53.96	33.90	6.80	-1.00	-1.00

MISSING DATA VALUE IS -1.0

DATE: MAY 1974

STATION: 88 NAVY DEGAUSSING STATION

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O2 PPM	PH M. ION CONC.	TURBIDITY %
00	0.0	15.20	59.36	32.30	7.20	7.31	86.00
01	3.28	15.20	59.36	32.20	7.20	7.31	86.00
02	6.56	15.20	59.36	32.20	7.40	7.31	86.50
03	9.84	15.10	59.18	32.15	7.20	7.31	87.50
04	13.12	15.00	59.00	32.10	7.10	7.31	87.50
05	16.40	15.00	59.00	32.15	7.00	7.31	88.00
06	19.68	14.70	58.46	32.15	6.90	7.31	89.00
07	22.96	14.50	58.10	32.20	6.80	7.31	89.00
08	26.24	14.10	57.38	32.20	6.50	7.30	87.00
09	29.52	14.00	57.20	32.15	6.40	7.30	82.00
10	32.80	14.00	57.20	32.15	6.20	7.30	78.00
11	36.08	13.90	57.02	32.20	6.00	7.30	81.00

\* Possible probe malfunction

DATE: JUNE 1974

STATION: 88 NAVY DEGAUSSING STATION

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O2 PPM	PH M. ION CONC.	TURBIDITY %
00	0.0	17.70	63.86	31.10	12.50	-1.00	78.50
01	3.28	17.80	63.68	31.20	12.50	-1.00	78.00
02	6.56	17.20	62.96	31.40	12.40	-1.00	77.00
03	9.84	17.10	62.78	31.40	12.00	-1.00	80.00
04	13.12	16.90	62.42	31.00	11.50	-1.00	81.50
05	16.40	16.40	61.52	31.30	10.00	-1.00	81.00
06	19.68	16.20	61.16	31.40	9.90	-1.00	82.50
07	22.96	16.00	60.80	31.50	9.80	-1.00	81.50
08	26.24	15.70	60.26	31.40	9.70	-1.00	79.50
09	29.52	15.20	59.36	31.60	8.30	-1.00	75.00
10	32.80	15.10	59.18	31.50	7.50	-1.00	71.50
11	36.08	15.00	59.00	31.50	5.50	-1.00	57.00

\* Possible probe malfunction

DATE: AUGUST 1974

STATION: 89 NAVY DEGAUSSING STATION

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O2 PPM	PH M. ION CONC.	TURBIDITY %
00	0.0	19.10	66.38	33.00	9.20	-1.00	75.00
01	3.28	19.00	66.20	33.00	9.40	-1.00	77.50
02	6.56	19.00	66.20	32.80	9.20	-1.00	68.50
03	9.84	18.80	65.84	32.90	8.30	-1.00	69.50
04	13.12	18.30	64.94	33.00	7.70	-1.00	77.00
05	16.40	18.00	64.40	32.90	7.10	-1.00	80.00
06	19.68	17.60	63.68	33.10	6.50	-1.00	78.00
07	22.96	17.10	62.78	33.30	6.30	-1.00	75.00
08	26.24	17.00	62.60	33.40	6.10	-1.00	76.00
09	29.52	16.90	62.42	33.30	6.00	-1.00	77.50
10	32.80	16.50	61.70	33.40	5.40	-1.00	76.00

MISSING DATA VALUE IS -1.0

DATE: SEPTEMBER 1974

STATION: 88 NAVY DEGAUSSING STATION

DEPTH METERS	FEET	TEMPERATURE		SALINITY P/1000	D.O2 PPM	PH	TURBIDITY %
		C	F				
00	0.0	19.50	67.10	33.40	10.20	8.37	66.50
01	3.28	19.40	66.92	33.50	11.90	8.39	66.00
02	6.56	19.30	66.74	33.60	8.70	8.22	66.00
03	9.84	18.90	66.02	33.60	7.60	8.17	65.50
04	13.12	18.60	65.48	33.70	6.30	8.02	66.00
05	16.40	18.10	64.58	33.80	5.50	7.95	66.00
06	19.68	17.70	63.86	33.70	5.10	7.93	70.00
07	22.96	17.70	63.86	33.60	4.70	7.83	71.00
08	26.24	17.10	62.78	33.60	3.80	7.80	72.00
09	29.52	17.00	62.60	33.70	3.70	7.79	72.50
10	32.80	16.80	62.24	33.60	3.70	7.78	72.50
11	36.08	16.60	61.88	33.70	4.10	7.80	72.50
12	39.36	16.40	61.52	33.70	5.00	7.84	72.50
13	42.64	15.70	60.26	33.60	2.60	7.68	-1.00

DATE: OCTOBER 1974

STATION: 88 NAVY DEGAUSSING STATION

DEPTH METERS	FEET	TEMPERATURE		SALINITY P/1000	D.O2 PPM	PH	TURBIDITY %
		C	F				
00	0.0	16.10	60.98	33.40	9.00	8.40	80.00
01	3.28	15.30	59.54	33.80	8.90	8.39	78.00
02	6.56	15.10	59.18	33.80	8.20	8.34	78.00
03	9.84	15.00	59.00	33.70	7.60	8.31	80.50
04	13.12	14.90	58.82	33.60	7.00	8.27	80.50
05	16.40	14.90	58.82	33.60	7.10	8.29	80.00
06	19.68	14.80	58.64	33.50	7.10	8.27	78.50
07	22.96	14.70	58.46	33.60	7.10	8.27	77.00
08	26.24	14.70	58.46	33.50	7.00	8.25	72.50
09	29.52	14.50	58.10	33.60	6.80	8.25	70.00
10	32.80	14.30	57.74	33.80	6.70	8.24	73.50
11	36.08	14.20	57.56	33.90	6.60	8.22	71.00
12	39.36	14.20	57.56	33.90	6.50	8.22	66.00
13	42.64	14.20	57.56	33.90	6.50	8.22	61.50
14	45.92	14.20	57.56	33.90	6.50	8.22	61.50
15	49.20	14.20	57.56	33.90	6.50	8.22	52.00

MISSING DATA VALUE IS -1.0

DATE: NOVEMBER 1974

STATION: 88 NAVY DEGAUSSING STATION

DEPTH METERS	FEET	TEMPERATURE		SALINITY P/1000	D.O2 PPM	PH	TURBIDITY %
		C	F				
00	0.0	14.90	58.82	33.60	12.50	8.27	81.00
01	3.28	14.90	58.82	33.60	11.20	8.26	85.50
02	6.56	14.80	58.64	33.70	11.00	8.25	86.00
03	9.84	14.60	58.28	33.70	10.00	8.20	87.50
04	13.12	14.50	58.10	33.70	10.00	8.17	90.50
05	16.40	14.50	58.10	33.60	9.80	8.16	92.00
06	19.68	14.50	58.10	33.60	9.60	8.15	91.50
07	22.96	14.50	58.10	33.70	9.40	8.13	90.00
08	26.24	14.40	57.92	33.70	8.80	8.11	89.00
09	29.52	14.40	57.92	33.70	8.60	8.10	88.00
10	32.80	14.30	57.74	33.70	8.40	8.09	80.50
11	36.08	14.30	57.74	33.70	7.70	8.07	73.50

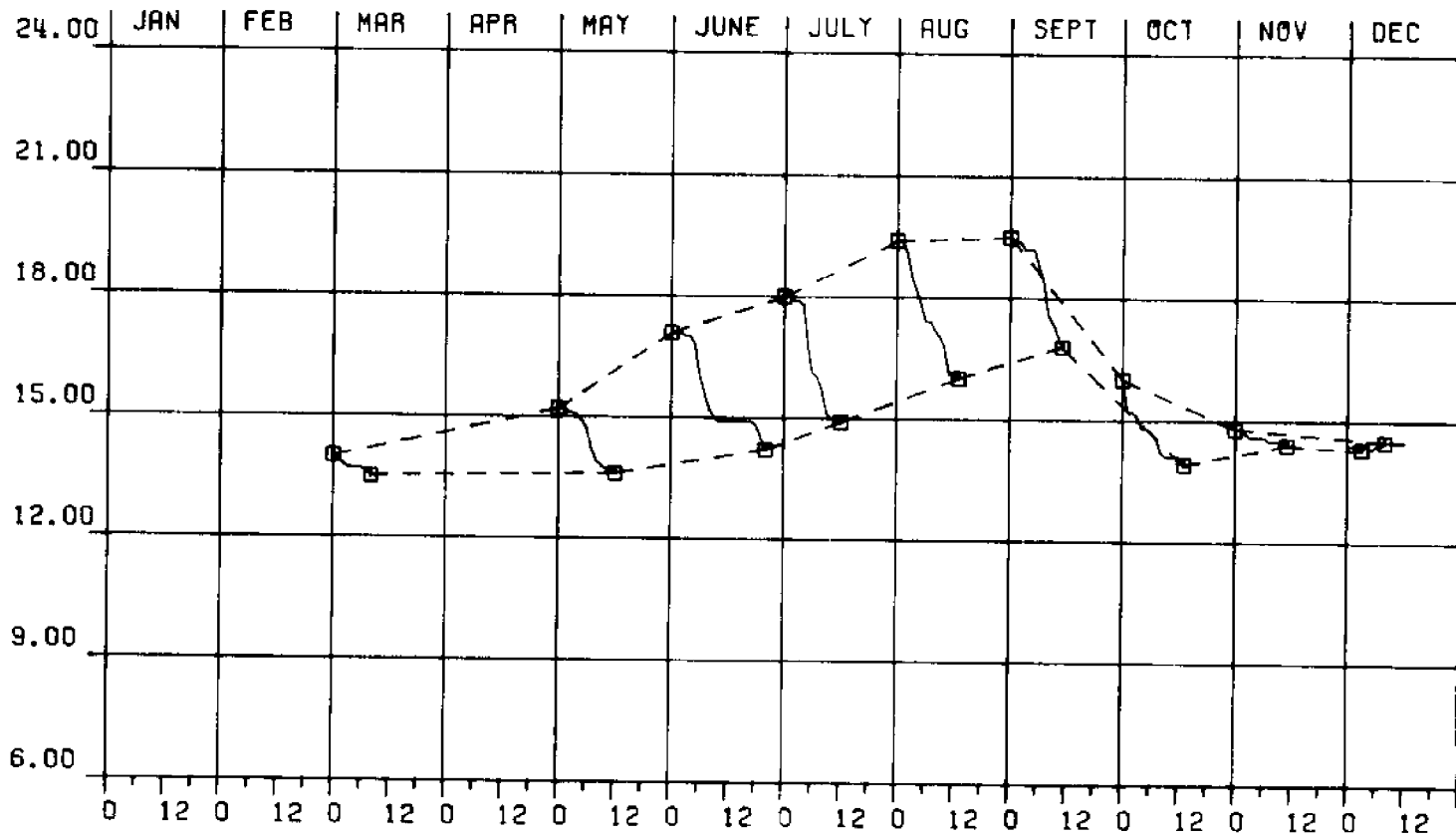
DATE: DECEMBER 1974

STATION: 88 NAVY DEGAUSSING STATION

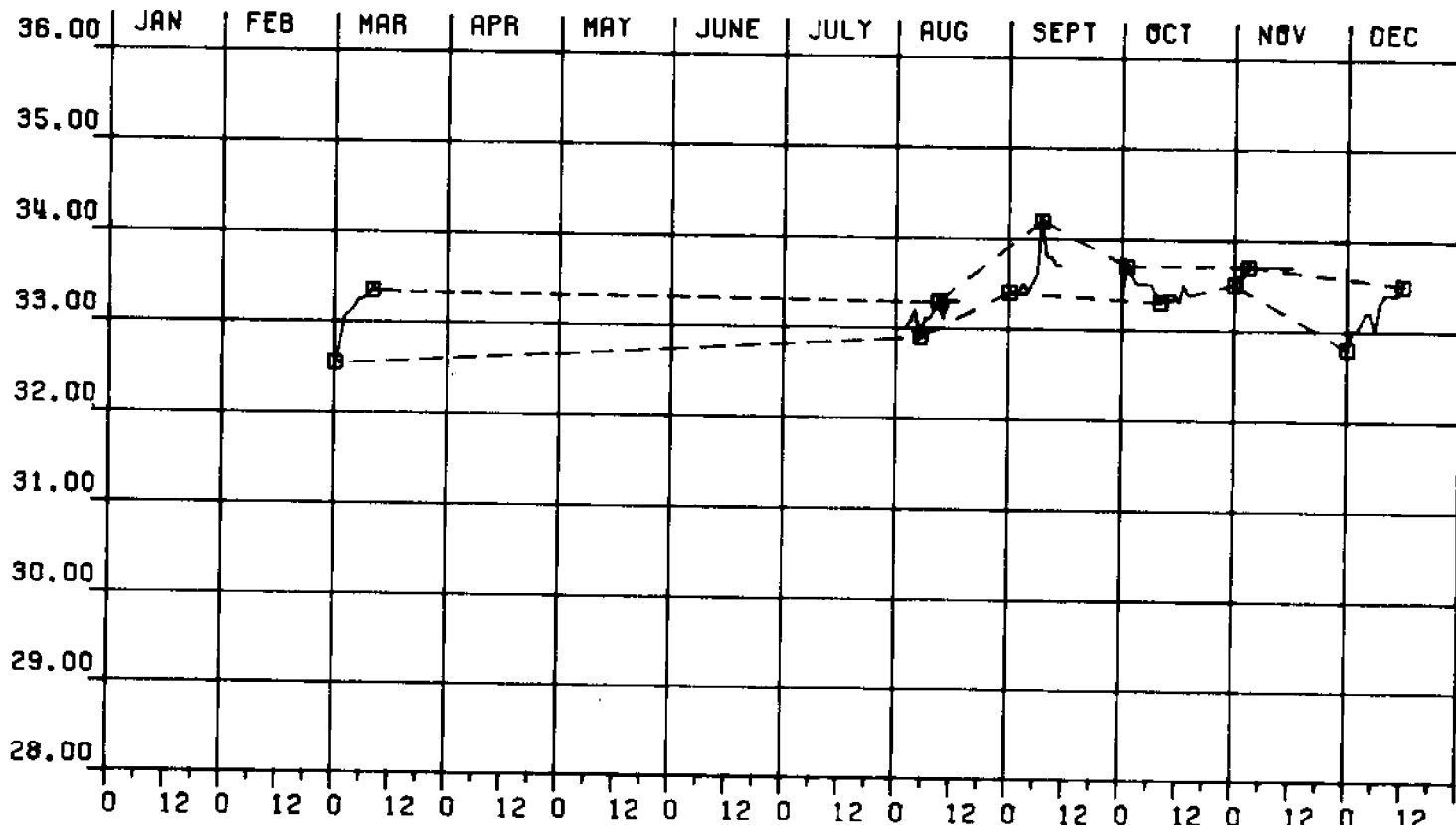
DEPTH METERS	FEET	TEMPERATURE		SALINITY P/1000	D.O2 PPM	PH	TURBIDITY %
		C	F				
00	0.0	14.60	58.28	32.70	9.00	8.48	75.00
01	3.28	14.60	58.28	32.70	8.90	8.48	62.00
02	6.56	14.50	58.10	33.10	8.60	8.46	62.50
03	9.84	14.50	58.10	33.20	8.10	8.44	63.00
04	13.12	14.40	57.92	33.30	7.90	8.43	63.00
05	16.40	14.40	57.92	33.30	8.00	8.43	58.00
06	19.68	14.40	57.92	33.40	7.70	8.43	56.00
07	22.96	14.40	57.92	33.40	7.70	8.42	55.00
08	26.24	14.40	57.92	33.40	7.70	8.42	53.00
09	29.52	14.40	57.92	33.40	7.70	8.42	49.00
10	32.80	14.40	57.92	33.40	7.60	8.41	-1.00

MISSING DATA VALUE IS -1.0

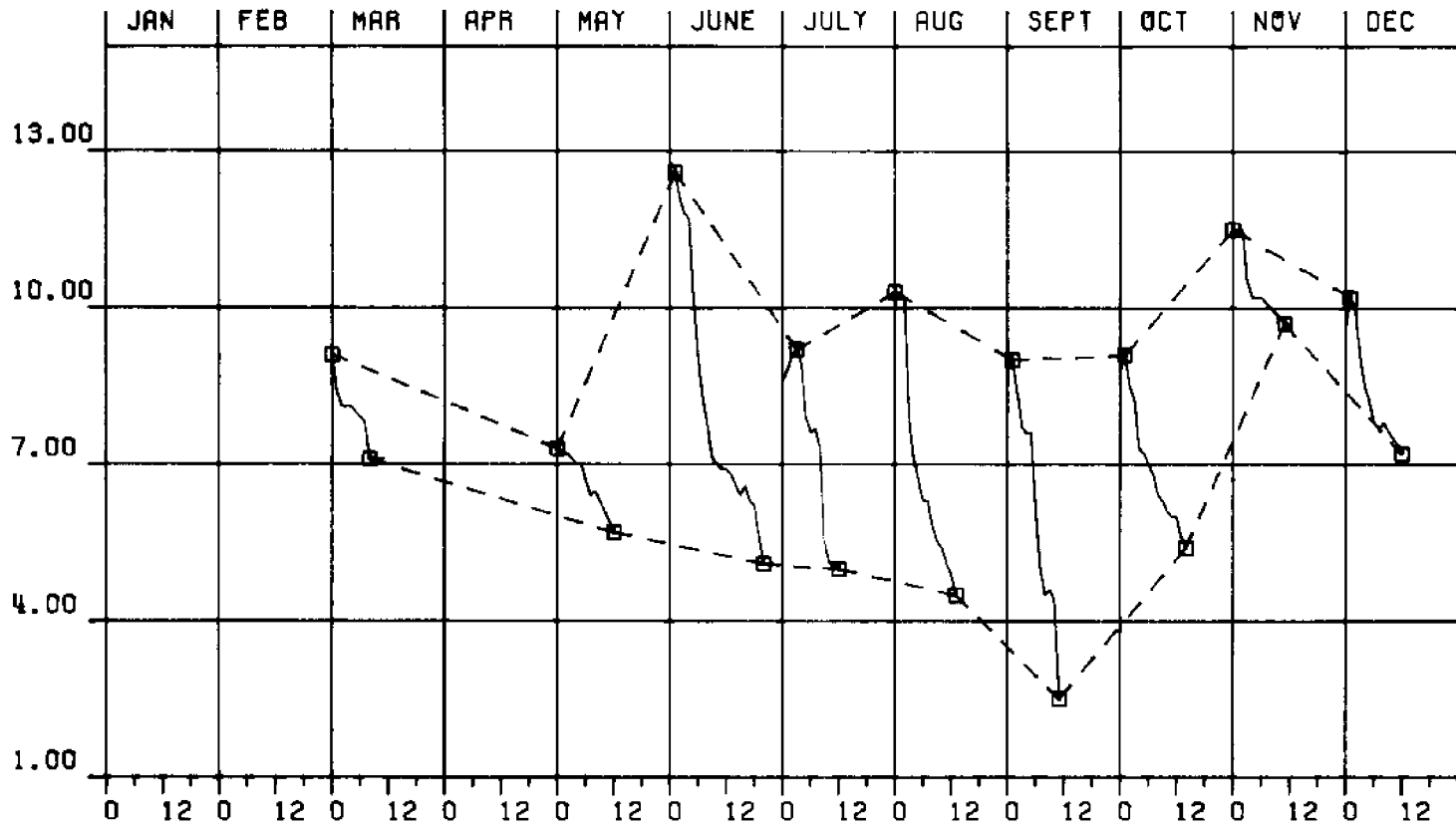
B9 1800 YDS SSE NAVY MOLE LIGHT "2"  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. TEMPERATURE CELSIUS



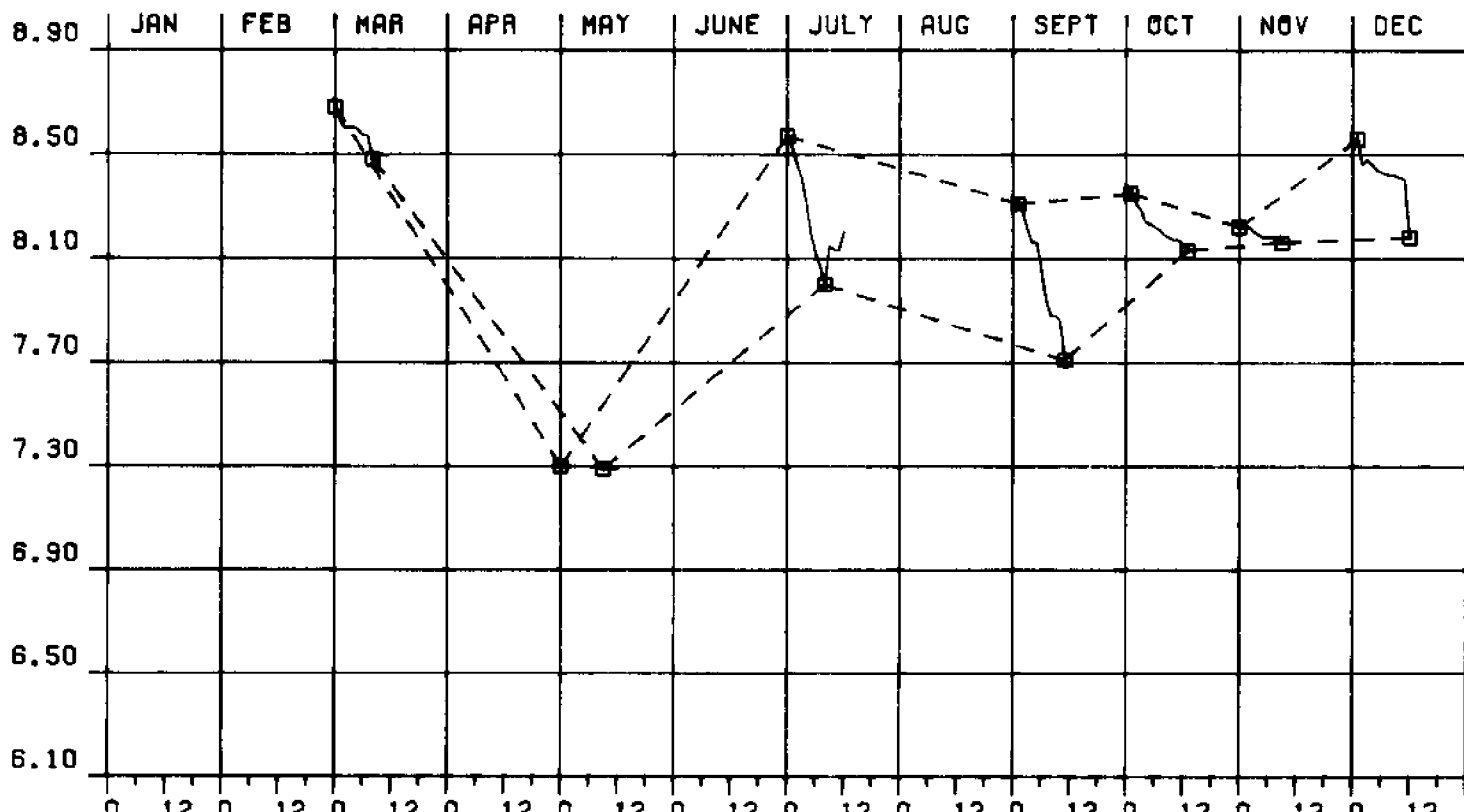
B9 1800 YDS SSE NAVY MOLE LIGHT "2"  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. SALINITY PPT



B9 1800 YDS SSE NAVY MOLE LIGHT "2"  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. DISSOLVED OXYGEN PPM



B9 1800 YDS SSE NAVY MOLE LIGHT "2"  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. PH H ION CONC



DATE: MARCH 1974  
 STATION: 89 1800 YDS SSE NAVY MOLE LIGHT "2"

DATE: JUNE 1974  
 STATION: 89 1800 YDS SSE NAVY MOLE LIGHT "2"

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY † ‰	O <sub>2</sub> † PPM	PH	TURBIDITY #
00	0.0	14.00	57.20	32.55	9.10	8.68	89.00
01	3.28	13.90	57.02	32.75	8.40	8.63	80.00
02	6.56	13.80	56.84	33.05	8.10	8.60	83.00
03	9.84	13.70	56.66	33.10	8.10	8.60	83.50
04	13.12	13.70	56.66	33.15	8.10	8.60	85.50
05	16.40	13.70	56.66	33.25	8.00	8.59	85.50
06	19.68	13.70	56.66	33.25	7.90	8.57	86.00
07	22.96	13.60	56.48	33.30	7.80	8.57	86.00
08	26.24	13.50	56.30	33.35	7.10	8.48	86.50
09	29.52	13.50	56.30	33.35	7.10	8.49	71.50
10	32.80	13.50	56.30	33.35	7.10	8.50	68.50
11	36.08	13.50	56.30	33.35	7.10	8.49	69.50

MISSING DATA VALUE IS -1.0

DATE: MAY 1974  
 STATION: 89 1800 YDS SSE NAVY MOLE LIGHT "2"

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY † ‰	O <sub>2</sub> † PPM	PH	TURBIDITY #
00	0.0	15.20	59.36	32.55	7.30	7.30	84.00
01	3.28	15.20	59.36	32.50	7.20	7.30	87.00
02	6.56	15.10	59.18	32.50	7.20	7.30	87.50
03	9.84	15.10	59.18	32.50	7.10	7.30	88.00
04	13.12	15.00	59.00	32.50	7.00	7.30	88.00
05	16.40	14.00	58.82	32.55	7.00	7.30	88.50
06	19.68	14.70	58.46	32.65	6.70	7.30	89.00
07	22.96	14.20	57.56	33.00	6.40	7.30	89.00
08	26.24	13.90	57.02	32.70	6.50	7.30	81.00
09	29.52	13.80	56.84	32.65	6.30	7.29	76.00
10	32.80	13.70	56.66	32.65	6.10	7.29	77.00
11	36.08	13.70	56.66	32.55	5.90	7.29	72.00
12	39.36	13.60	56.48	32.65	5.70	7.29	-1.00

\* Possible probe malfunction

MISSING DATA VALUE IS -1.0

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY † ‰	O <sub>2</sub> † PPM	PH	TURBIDITY #
00	0.0	17.10	62.78	31.10	12.50	-1.00	83.00
01	3.28	17.10	62.78	31.20	12.60	-1.00	83.00
02	6.56	17.10	62.78	31.10	12.10	-1.00	84.00
03	9.84	17.00	62.60	31.20	11.90	-1.00	86.00
04	13.12	17.00	62.60	31.10	11.70	-1.00	89.00
05	16.40	16.80	62.24	31.20	10.10	-1.00	92.00
06	19.68	16.00	60.80	31.50	9.00	-1.00	89.50
07	22.96	15.60	60.08	31.70	8.20	-1.00	87.00
08	26.24	15.20	59.36	31.70	7.70	-1.00	84.00
09	29.52	15.00	59.00	31.60	7.10	-1.00	76.00
10	32.80	14.90	58.82	31.60	7.00	-1.00	75.50
11	36.08	14.90	58.82	31.60	6.90	-1.00	75.50
12	39.36	14.90	58.82	31.60	6.90	-1.00	74.50
13	42.64	14.90	58.82	31.60	6.80	-1.00	73.50
14	45.92	14.90	58.82	31.60	6.60	-1.00	73.50
15	49.20	14.90	58.82	31.60	6.40	-1.00	76.50
16	52.48	14.90	58.82	31.60	6.60	-1.00	77.00
17	55.76	14.90	58.82	31.60	6.30	-1.00	77.50
18	59.04	14.80	58.64	31.60	6.20	-1.00	75.00
19	62.32	14.50	58.10	31.90	5.50	-1.00	72.50
20	65.60	14.20	57.56	32.00	5.10	-1.00	63.00

DATE: JULY 1974  
 STATION: 89 1800 YDS SSE NAVY MOLE LIGHT "2"

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY † ‰	O <sub>2</sub> † PPM	PH	TURBIDITY #
00	0.0	15.00	59.00	-1.00	8.60	-1.00	71.00
01	3.28	15.00	59.00	-1.00	8.90	-1.00	73.00
02	6.56	17.90	64.22	-1.00	9.10	-1.00	73.00
03	9.84	17.90	64.22	-1.00	9.20	-1.00	73.50
04	13.12	17.80	64.04	-1.00	8.90	-1.00	75.00
05	16.40	16.80	62.24	-1.00	7.90	-1.00	78.00
06	19.68	16.10	60.98	-1.00	7.60	-1.00	78.50
07	22.96	16.00	60.80	-1.00	7.70	-1.00	78.50
08	26.24	15.70	60.26	-1.00	7.30	-1.00	71.00
09	29.52	15.10	59.18	-1.00	5.50	-1.00	66.00
10	32.80	15.00	59.00	-1.00	5.10	-1.00	65.00
11	36.08	15.00	59.00	-1.00	5.10	-1.00	64.50
12	39.36	14.90	58.82	-1.00	5.00	-1.00	64.00

MISSING DATA VALUE IS -1.0

DATE: AUGUST 1974

STATION: 89 1800 YDS SSE NAVY MOLE LIGHT #2"

DEPTH	TEMPERATURE	SALINITY	D.O2	PH	TURBIDITY		
METERS	FEET	C	F	‰	PPM	M. ION CONC	%
00	0.0	19.40	66.92	33.00	10.30	-1.00	81.00
01	3.28	19.40	66.92	33.00	10.20	-1.00	79.00
02	6.56	19.10	66.38	33.00	10.20	-1.00	55.00
03	9.84	18.50	65.30	33.10	7.90	-1.00	75.00
04	13.12	18.20	64.76	33.20	7.10	-1.00	50.00
05	16.40	17.80	64.04	32.90	6.70	-1.00	83.00
06	19.68	17.40	63.32	33.10	6.30	-1.00	83.50
07	22.96	17.40	63.32	33.10	6.30	-1.00	82.00
08	26.24	17.20	62.96	33.20	5.80	-1.00	81.50
09	29.52	17.00	62.60	33.30	5.50	-1.00	80.50
10	32.80	16.80	62.24	33.10	5.40	-1.00	76.50
11	36.08	16.10	60.98	33.30	5.10	-1.00	70.00
12	39.36	16.10	60.98	33.30	4.90	-1.00	67.00
13	42.64	16.00	60.80	33.30	4.50	-1.00	-1.00

DATE: SEPTEMBER 1974

STATION: 89 1800 YDS SSE NAVY MOLE LIGHT #2"

DEPTH	TEMPERATURE	SALINITY	D.O2	PH	TURBIDITY		
METERS	FEET	C	F	‰	PPM	M. ION CONC	%
00	0.0	19.50	67.10	33.40	8.80	8.30	75.00
01	3.28	19.40	66.92	33.40	9.00	8.31	73.50
02	6.56	19.40	66.92	33.40	8.40	8.28	72.50
03	9.84	19.20	66.56	33.50	7.70	8.21	71.50
04	13.12	19.20	66.56	33.40	7.60	8.16	72.00
05	16.40	19.20	66.56	33.50	7.60	8.16	73.00
06	19.68	18.80	65.84	33.60	6.20	8.06	74.50
07	22.96	18.40	65.12	34.20	5.90	7.94	75.00
08	26.24	17.60	63.68	33.80	4.50	7.88	75.00
09	29.52	17.40	63.32	33.80	4.60	7.88	75.00
10	32.80	17.10	62.78	33.70	4.40	7.86	75.00
11	36.08	16.80	62.24	33.70	2.50	7.71	-1.00

DATE: OCTOBER 1974

STATION: 89 1800 YDS SSE NAVY MOLE LIGHT #2"

DEPTH	TEMPERATURE	SALINITY	D.O2	PH	TURBIDITY		
METERS	FEET	C	F	‰	PPM	M. ION CONC	%
00	0.0	16.00	60.80	33.40	5.80	8.33	73.00
01	3.28	15.20	59.36	33.70	9.10	8.35	78.00
02	6.56	15.20	59.36	33.60	8.50	8.31	77.50
03	9.84	15.10	59.18	33.50	8.20	8.29	80.00
04	13.12	14.80	58.64	33.50	7.30	8.24	81.50
05	16.40	14.80	58.64	33.50	7.20	8.23	81.00
06	19.68	14.70	58.46	33.50	7.00	8.22	80.00
07	22.96	14.60	58.28	33.40	6.80	8.21	72.00
08	26.24	14.20	57.56	33.30	6.40	8.19	66.00
09	29.52	14.10	57.38	33.40	6.30	8.18	63.50
10	32.80	14.10	57.38	33.40	6.10	8.17	61.00
11	36.08	14.10	57.38	33.40	6.00	8.17	62.00
12	39.36	14.10	57.38	33.30	6.00	8.15	50.00
13	42.64	13.90	57.02	33.50	5.60	8.13	43.00
14	45.92	13.90	57.02	33.40	5.40	8.13	-1.00

MISSING DATA VALUE IS -1.0

DATE: NOVEMBER 1974

STATION: 89 1800 YDS SSE NAVY MOLE LIGHT #2"

DEPTH	TEMPERATURE	SALINITY	D.O2	PH	TURBIDITY		
METERS	FEET	C	F	‰	PPM	M. ION CONC	%
00	0.0	14.80	58.64	33.50	11.50	8.22	92.00
01	3.28	14.80	58.64	33.00	11.50	8.22	92.00
02	6.56	14.70	58.46	33.60	11.50	8.22	84.50
03	9.84	14.50	58.28	33.70	10.50	8.20	85.50
04	13.12	14.60	58.28	33.70	10.20	8.19	91.50
05	16.40	14.60	58.28	33.70	10.20	8.18	92.00
06	19.68	14.60	58.28	33.70	10.20	8.18	92.00
07	22.96	14.50	58.10	33.70	10.10	8.18	92.00
08	26.24	14.50	58.10	33.70	10.00	8.18	92.00
09	29.52	14.50	58.10	33.70	9.90	8.16	90.00
10	32.80	14.50	58.10	33.70	9.80	8.16	85.00
11	36.08	14.40	57.92	33.70	9.70	8.16	82.50
12	39.36	14.40	57.92	33.70	9.70	8.16	76.50

MISSING DATA VALUE IS -1.0

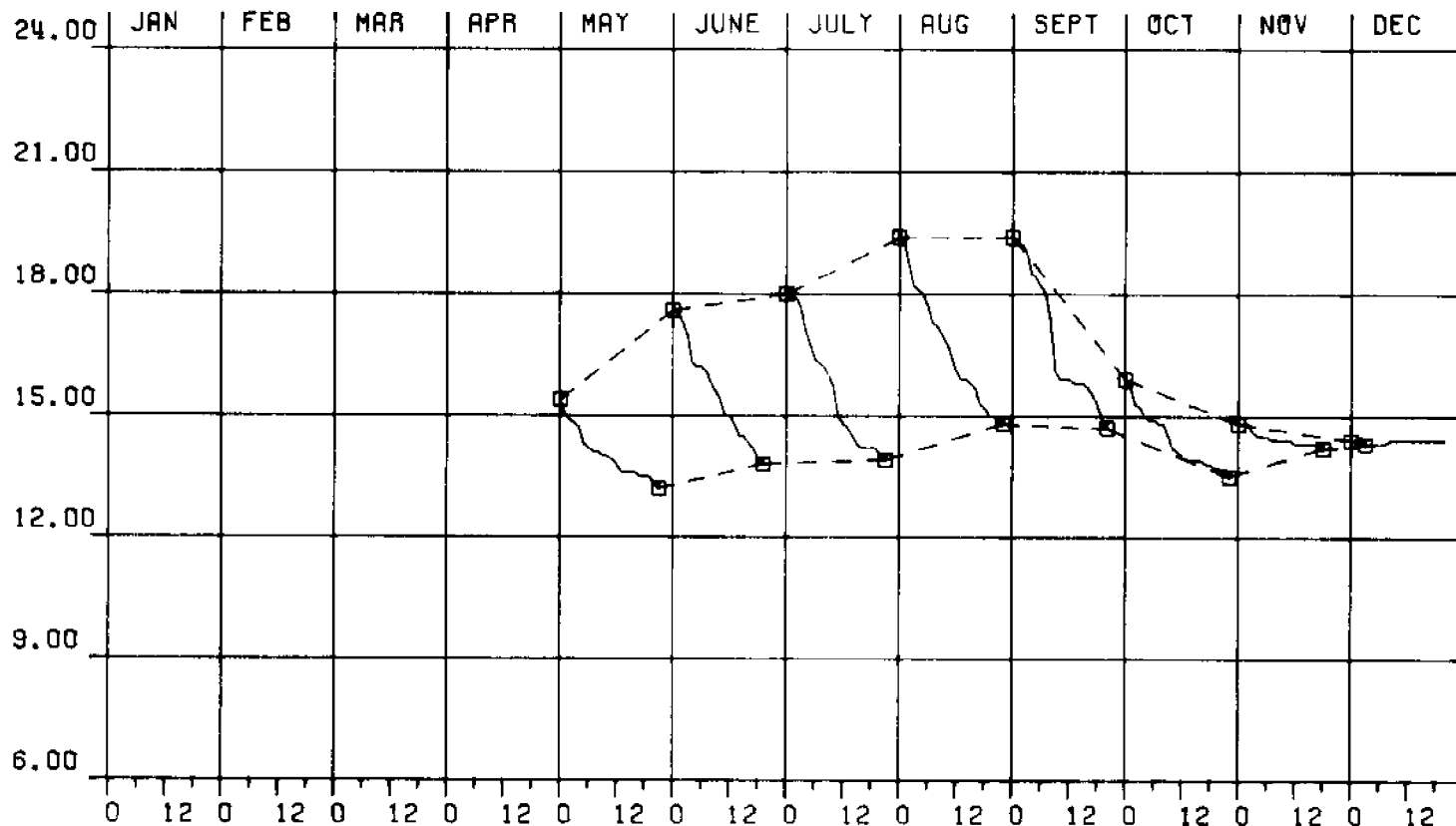
DATE: DECEMBER 1974

STATION: 89 1800 YDS SSE NAVY MOLE LIGHT #2"

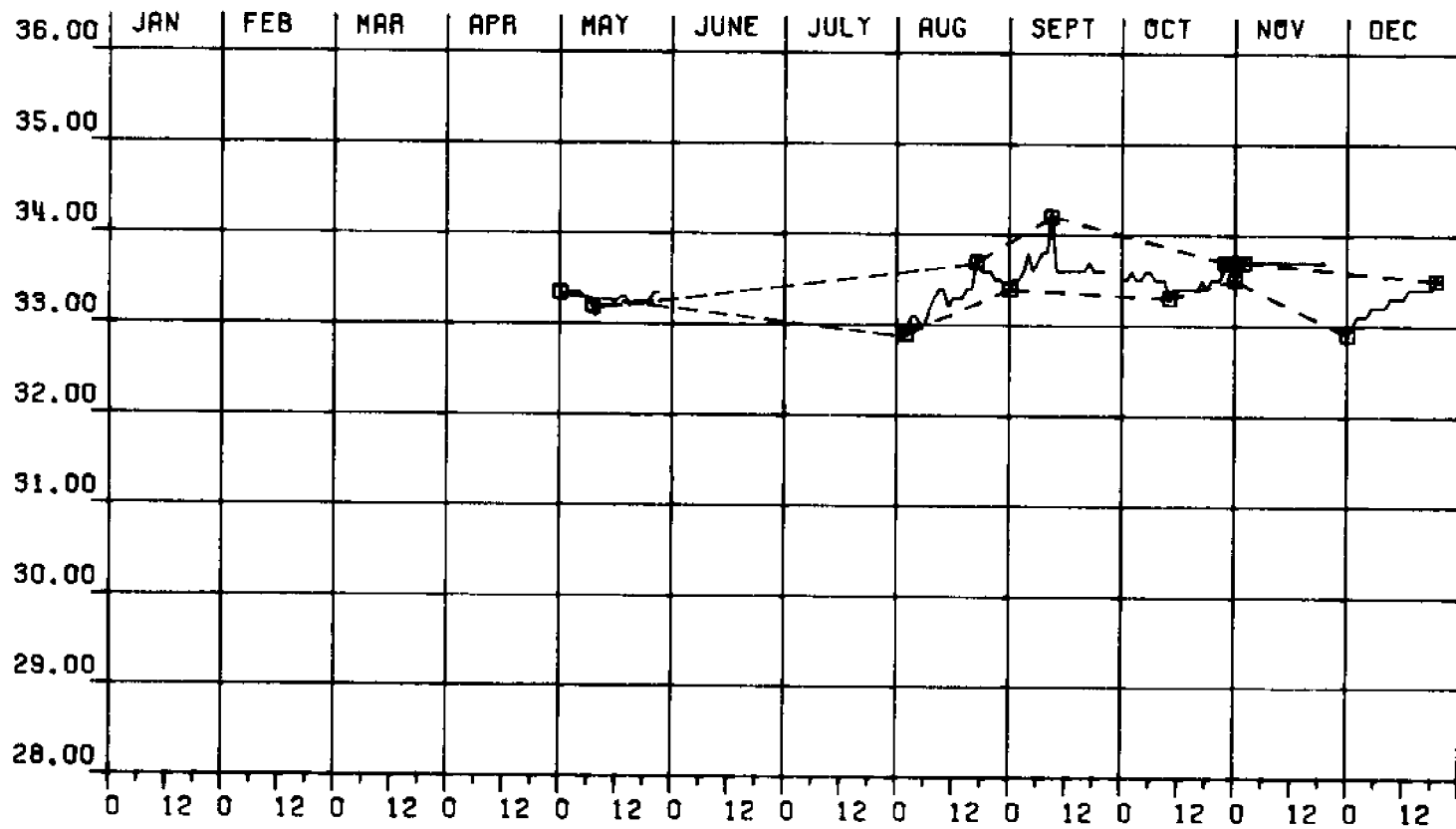
DEPTH	TEMPERATURE	SALINITY	D.O2	PH	TURBIDITY		
METERS	FEET	C	F	‰	PPM	M. ION CONC	%
00	0.0	14.40	57.92	32.80	9.70	8.52	71.00
01	3.28	14.40	57.92	33.00	10.20	8.56	75.50
02	6.56	14.40	57.92	33.00	10.00	8.46	79.00
03	9.84	14.30	57.74	33.10	9.10	8.48	81.50
04	13.12	14.40	57.92	33.20	8.50	8.46	81.50
05	16.40	14.30	57.74	33.20	8.20	8.44	78.00
06	19.68	14.40	57.92	33.00	7.80	8.43	77.00
07	22.96	14.40	57.92	33.30	7.70	8.42	76.50
08	26.24	14.50	58.10	33.40	7.80	8.42	75.00
10	32.80	14.50	58.10	33.40	7.50	8.41	68.00
11	36.08	14.50	58.10	33.40	7.40	8.40	64.00
12	39.36	14.50	58.10	33.50	7.20	8.18	-1.00

MISSING DATA VALUE IS -1.0

B10 1850 YDS SSE NAVY MOLE LIGHT "5"  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. TEMPERATURE CELSIUS



B10 1850 YDS SSE NAVY MOLE LIGHT "5"  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. SALINITY PPT

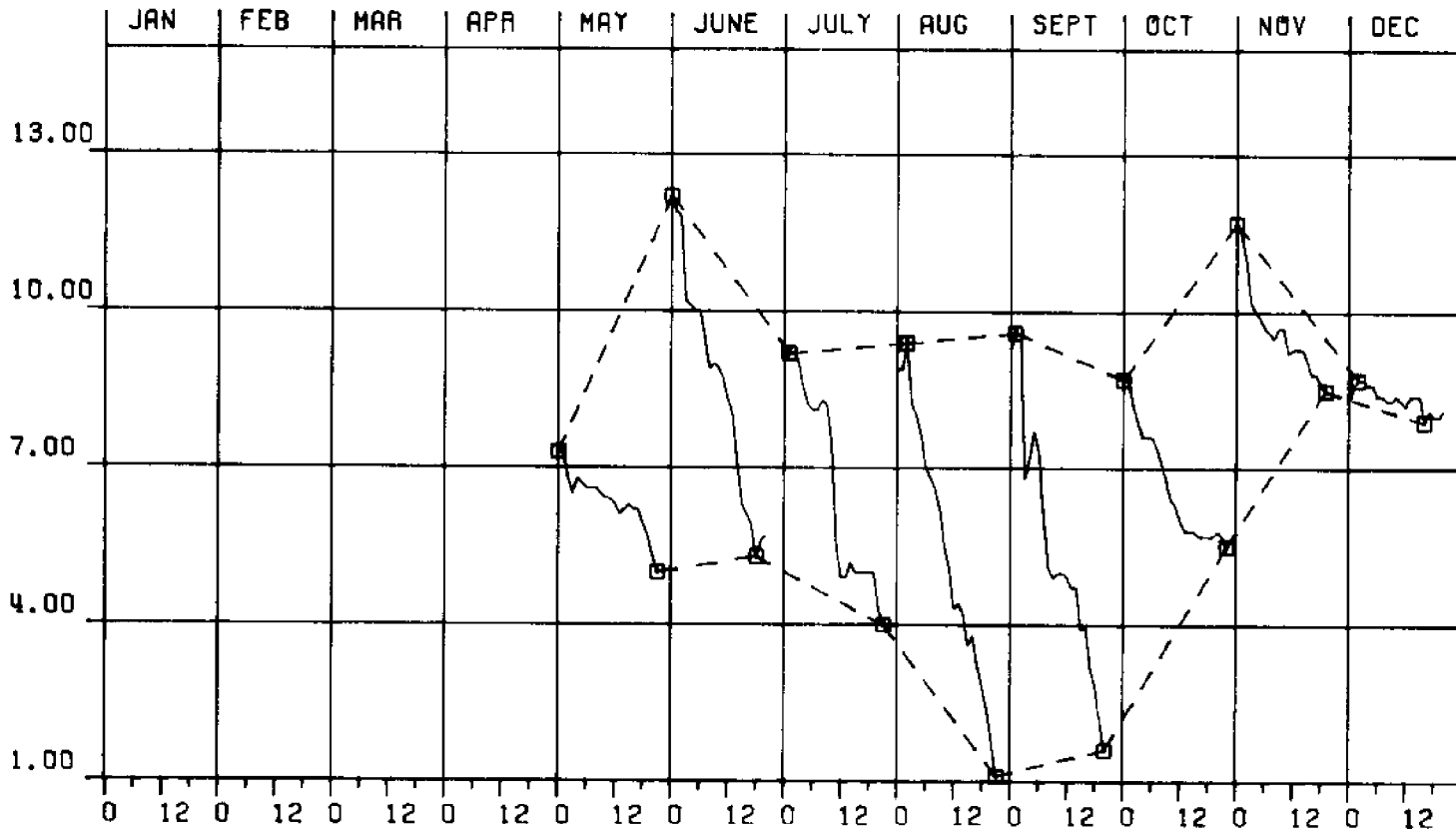


B10 1850 YDS SSE NAVY MOLE LIGHT "5"

DATE: 1974

EACH SUBGRAPH BY MONTH

DATA: DEPTH METERS VS. DISSOLVED OXYGEN PPM

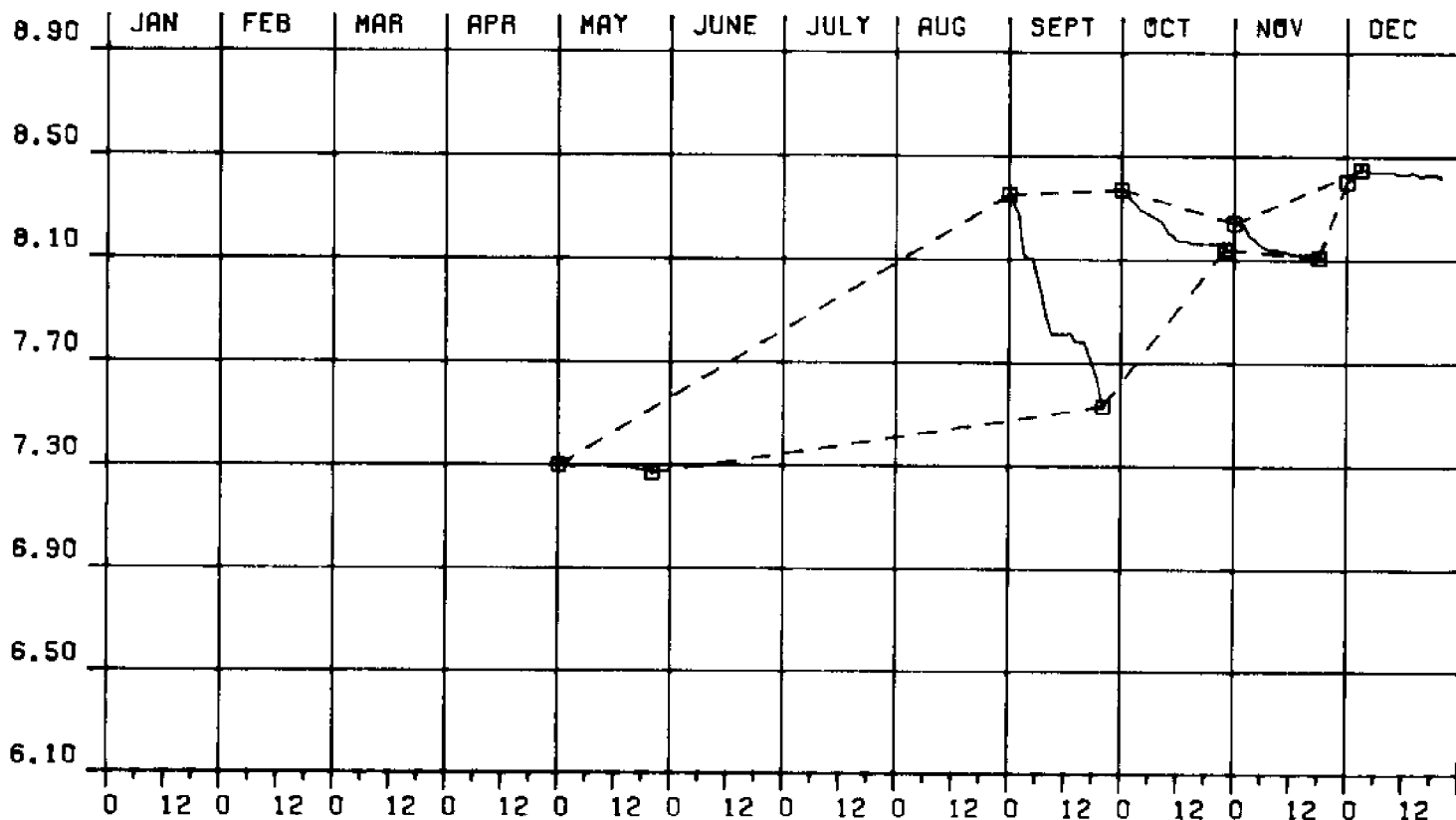


B10 1850 YDS SSE NAVY MOLE LIGHT "5"

DATE: 1974

EACH SUBGRAPH BY MONTH

DATA: DEPTH METERS VS. PH H ION CONC





DATE: MAY 1974  
STATION: B10 1850 YDS SSE NAVY MOLE LIGHT #5\*

DATE: JULY 1974  
STATION: B10 1850 YDS SSE NAVY MOLE LIGHT #5\*

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PPT	D.O2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	15.40	59.72	33.35	7.30	7.30	89.50
01	3.25	15.00	59.00	33.25	7.30	7.30	89.00
02	6.56	14.90	58.82	33.35	6.80	7.30	83.00
03	9.84	14.80	58.64	33.35	6.50	7.29	79.00
04	13.12	14.70	58.46	33.35	6.80	7.30	85.50
05	16.40	14.30	57.74	33.30	6.70	7.30	86.50
06	19.68	14.20	57.56	33.25	6.60	7.30	85.50
07	22.96	14.10	57.38	33.20	6.60	7.30	85.00
08	26.24	14.10	57.38	33.20	6.60	7.30	80.50
09	29.52	14.00	57.20	33.20	6.50	7.30	83.00
10	32.80	14.00	57.20	33.20	6.40	7.30	85.00
11	36.08	13.90	57.02	33.20	6.40	7.29	82.00
12	39.36	13.80	56.84	33.25	6.30	7.29	81.50
13	42.64	13.60	56.68	33.30	6.10	7.29	80.00
14	45.92	13.60	56.68	33.30	6.20	7.29	79.00
15	49.20	13.60	56.48	33.20	6.30	7.29	76.50
16	52.48	13.60	56.48	33.25	6.20	7.29	72.00
17	55.76	13.50	56.30	33.25	6.20	7.28	71.50
18	59.04	13.50	56.30	33.25	5.90	7.28	75.00
19	62.32	13.50	56.30	33.25	5.70	7.28	75.50
20	65.60	13.30	55.94	33.35	5.30	7.27	69.50
21	68.88	13.20	55.76	33.35	5.00	7.27	42.50

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PPT	D.O2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	18.00	64.40	-1.00	9.10	-1.00	73.00
01	3.28	17.90	64.22	-1.00	9.20	-1.00	73.00
02	6.56	17.90	64.22	-1.00	9.20	-1.00	72.50
03	9.84	17.70	63.86	-1.00	9.00	-1.00	72.00
04	13.12	17.10	62.78	-1.00	8.50	-1.00	72.50
05	16.40	16.80	62.24	-1.00	8.20	-1.00	76.50
06	19.68	16.40	61.52	-1.00	8.10	-1.00	77.00
07	22.96	16.30	61.34	-1.00	8.10	-1.00	77.50
08	26.24	16.20	61.16	-1.00	8.30	-1.00	78.00
09	29.52	16.00	60.80	-1.00	8.20	-1.00	79.80
10	32.80	15.70	60.26	-1.00	7.50	-1.00	79.50
11	36.08	15.00	59.00	-1.00	6.50	-1.00	61.00
12	39.36	14.80	58.64	-1.00	4.90	-1.00	61.00
13	42.64	14.70	58.46	-1.00	4.90	-1.00	61.00
14	45.92	14.50	58.10	-1.00	5.20	-1.00	62.50
15	49.20	14.30	57.74	-1.00	5.00	-1.00	62.00
16	52.48	14.20	57.56	-1.00	5.00	-1.00	65.00
17	55.76	14.20	57.56	-1.00	5.00	-1.00	64.50
18	59.04	14.20	57.56	-1.00	5.00	-1.00	-1.00
19	62.32	14.20	57.56	-1.00	5.00	-1.00	-1.00
20	65.60	14.00	57.20	-1.00	4.30	-1.00	-1.00
21	68.88	13.90	57.02	-1.00	4.00	-1.00	-1.00

DATE: JUNE 1974  
STATION: B10 1850 YDS SSE NAVY MOLE LIGHT #5\*

DATE: AUGUST 1974  
STATION: B10 1850 YDS SSE NAVY MOLE LIGHT #5\*

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PPT	D.O2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	17.00	63.08	31.20	12.20	-1.00	72.00
01	3.28	17.90	63.50	31.30	11.90	-1.00	78.00
02	6.56	17.30	63.14	31.30	11.80	-1.00	79.00
03	9.84	17.00	62.60	31.40	10.20	-1.00	87.00
04	13.12	16.30	61.34	31.50	10.10	-1.00	69.00
05	16.40	16.20	61.16	31.60	10.00	-1.00	90.50
06	19.68	16.20	61.16	31.50	10.00	-1.00	92.00
07	22.96	16.10	60.98	31.50	9.50	-1.00	91.00
08	26.24	15.80	60.44	31.60	8.90	-1.00	89.50
09	29.52	15.60	60.08	31.50	9.00	-1.00	88.00
10	32.80	15.40	59.72	31.60	8.90	-1.00	86.00
11	36.08	15.00	59.00	31.70	8.70	-1.00	84.50
12	39.36	15.00	59.00	31.50	8.30	-1.00	83.00
13	42.64	14.80	58.64	31.60	8.00	-1.00	80.50
14	45.92	14.50	58.10	31.50	7.10	-1.00	84.00
15	49.20	14.50	58.10	31.80	6.30	-1.00	86.50
16	52.48	14.30	57.74	32.00	6.10	-1.00	88.50
17	55.76	14.20	57.56	31.90	5.90	-1.00	74.50
18	59.04	13.90	57.02	31.70	5.30	-1.00	69.00
19	62.32	13.80	56.84	31.70	5.60	-1.00	62.00
20	65.60	13.80	56.84	31.80	5.70	-1.00	57.50

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PPT	D.O2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	19.40	66.92	33.00	8.90	-1.00	84.00
01	3.28	19.30	66.74	33.00	8.90	-1.00	83.50
02	6.56	18.70	65.66	32.90	9.40	-1.00	52.00
03	9.84	18.20	64.76	33.10	8.20	-1.00	77.50
04	13.12	18.10	64.58	33.10	8.00	-1.00	78.00
05	16.40	18.00	64.40	33.05	7.60	-1.00	77.50
06	19.68	17.70	63.86	33.00	7.00	-1.00	74.00
07	22.96	17.30	63.14	33.20	6.80	-1.00	74.50
08	26.24	17.20	62.96	33.30	6.60	-1.00	77.50
09	29.52	17.00	62.60	33.40	6.20	-1.00	78.00
10	32.80	16.80	62.24	33.40	5.50	-1.00	74.50
11	36.08	16.50	61.70	33.20	5.10	-1.00	67.00
12	39.36	16.10	60.98	33.30	4.30	-1.00	67.50
13	42.64	15.90	60.62	33.30	4.40	-1.00	63.50
14	45.92	15.90	60.62	33.30	4.20	-1.00	63.00
15	49.20	15.80	60.44	33.40	3.60	-1.00	68.00
16	52.48	15.70	60.26	33.40	3.80	-1.00	64.00
17	55.76	15.30	59.54	33.70	3.20	-1.00	71.00
18	59.04	15.20	59.36	33.60	2.80	-1.00	71.50
19	62.32	15.00	59.00	33.60	2.40	-1.00	67.00
20	65.60	15.00	59.00	33.90	1.80	-1.00	57.50
21	68.88	14.90	58.82	33.50	1.10	-1.00	39.00
22	72.16	14.80	58.64	33.50	0.50	-1.00	-1.00

\* Possible probe malfunction

MISSING DATA VALUE IS -1.0

MISSING DATA VALUE IS -1.0

DATE: SEPTEMBER 1974

STATION: 810 1850 YDS SSE NAVY MOLE LIGHT #5H

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY P/1000	D.O.2 PPM	PH H. ION CONC	TURBIDITY %
		C	F				
00	0.0	19.40	66.92	33.40	9.30	8.35	85.00
01	3.28	19.30	66.74	33.50	9.60	8.31	80.00
02	6.56	19.20	66.56	33.50	9.60	8.27	78.00
03	9.84	19.00	66.20	33.60	6.80	8.12	82.50
04	13.12	18.50	65.30	33.80	7.20	8.10	82.00
05	16.40	18.40	65.12	33.60	7.70	8.11	82.00
06	19.68	18.20	64.76	33.70	7.30	8.03	83.00
07	22.96	18.00	64.40	33.80	6.10	7.96	82.50
08	26.24	17.40	63.32	33.80	5.10	7.87	82.00
09	29.52	16.10	60.98	34.20	4.90	7.81	81.00
10	32.80	15.90	60.62	33.60	5.00	7.81	70.50
11	36.08	15.90	60.62	33.60	5.00	7.81	70.00
12	39.36	15.90	60.62	33.60	4.90	7.81	69.50
13	42.64	15.80	60.44	33.60	4.70	7.82	70.00
14	45.92	15.80	60.44	33.60	4.70	7.78	74.50
15	49.20	15.80	60.44	33.60	3.90	7.78	78.50
16	52.48	15.70	60.26	33.60	4.00	7.78	77.00
17	55.76	15.50	59.90	33.70	3.20	7.73	75.50
18	59.04	15.30	59.54	33.60	2.80	7.68	74.50
19	62.32	14.90	58.82	33.60	2.20	7.62	82.00
20	65.60	14.70	58.46	33.60	1.40	7.53	46.00

DATE: NOVEMBER 1974

STATION: 810 1850 YDS SSE NAVY MOLE LIGHT #5H

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY P/1000	D.O.2 PPM	PH H. ION CONC	TURBIDITY %
		C	F				
00	0.0	14.80	58.64	33.50	11.70	8.24	73.00
01	3.28	14.80	58.64	33.60	11.50	8.24	71.00
02	6.56	14.80	58.64	33.70	11.00	8.23	69.00
03	9.84	14.60	58.28	33.70	10.20	8.19	69.00
04	13.12	14.50	58.10	33.70	10.00	8.18	68.50
05	16.40	14.50	58.10	33.70	9.90	8.16	69.00
06	19.68	14.50	58.10	33.70	9.70	8.15	69.00
07	22.96	14.40	57.92	33.70	9.60	8.14	68.50
08	26.24	14.40	57.92	33.70	9.50	8.14	69.00
09	29.52	14.40	57.92	33.70	9.70	8.14	68.50
10	32.80	14.40	57.92	33.70	9.70	8.13	64.50
11	36.08	14.40	57.92	33.70	9.20	8.13	59.50
12	39.36	14.30	57.74	33.70	9.30	8.12	59.50
13	42.64	14.30	57.74	33.70	9.30	8.12	58.50
14	45.92	14.30	57.74	33.70	9.30	8.12	56.00
15	49.20	14.30	57.74	33.70	9.10	8.12	54.50
16	52.48	14.30	57.74	33.70	8.80	8.12	51.50
17	55.76	14.30	57.74	33.70	8.80	8.12	51.00
18	59.04	14.20	57.56	33.70	8.60	8.11	50.00
19	62.32	14.20	57.56	33.70	8.90	8.11	48.00

DATE: DECEMBER 1974

STATION: 810 1850 YDS SSE NAVY MOLE LIGHT #5H

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY P/1000	D.O.2 PPM	PH H. ION CONC	TURBIDITY %
		C	F				
00	0.0	15.90	60.62	33.50	8.70	8.37	76.00
01	3.28	15.70	60.26	33.50	8.70	8.36	77.00
02	6.56	15.70	59.84	33.60	8.20	8.33	75.50
03	9.84	15.20	59.36	33.50	7.90	8.31	76.50
04	13.12	15.00	59.00	33.50	7.60	8.29	79.50
05	16.40	14.90	58.82	33.60	7.60	8.28	79.50
06	19.68	14.90	58.82	33.60	7.60	8.27	80.00
07	22.96	14.80	58.64	33.50	7.40	8.26	80.50
08	26.24	14.80	58.64	33.50	7.10	8.25	81.00
09	29.52	14.50	58.10	33.50	6.80	8.23	77.00
10	32.80	14.20	57.56	33.30	6.40	8.20	75.50
11	36.08	14.10	57.38	33.40	6.30	8.19	72.00
12	39.36	14.00	57.20	33.40	6.00	8.17	67.00
13	42.64	13.90	57.02	33.40	5.80	8.17	65.00
14	45.92	13.90	57.02	33.40	5.80	8.17	63.50
15	49.20	13.90	57.02	33.40	5.80	8.16	63.00
16	52.48	13.90	57.02	33.40	5.70	8.16	62.50
17	55.76	13.80	56.84	33.50	5.70	8.16	62.00
18	59.04	13.80	56.84	33.40	5.70	8.16	61.50
19	62.32	13.70	56.66	33.50	5.70	8.16	61.00
20	65.60	13.70	56.66	33.50	5.60	8.16	61.00
21	68.88	13.70	56.66	33.50	5.70	8.16	46.00
22	72.16	13.50	56.30	33.70	5.50	8.14	43.00

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY P/1000	D.O.2 PPM	PH H. ION CONC	TURBIDITY %
		C	F				
00	0.0	14.40	57.92	32.90	8.30	8.40	82.00
01	3.28	14.40	57.92	33.00	8.80	8.41	82.50
02	6.56	14.40	57.92	33.10	8.70	8.44	83.50
03	9.84	14.30	57.74	33.10	8.70	8.45	85.00
04	13.12	14.30	57.74	33.10	8.60	8.45	86.50
05	16.40	14.30	57.74	33.20	8.60	8.44	86.50
06	19.68	14.30	57.74	33.20	8.40	8.44	86.00
07	22.96	14.30	57.74	33.20	8.40	8.44	85.50
08	26.24	14.40	57.92	33.20	8.30	8.44	85.00
09	29.52	14.40	57.92	33.30	8.30	8.44	83.00
10	32.80	14.40	57.92	33.30	8.40	8.44	83.00
11	36.08	14.40	57.92	33.30	8.30	8.43	82.00
12	39.36	14.40	57.92	33.30	8.20	8.43	82.00
13	42.64	14.40	57.92	33.40	8.40	8.43	83.00
14	45.92	14.40	57.92	33.40	8.40	8.44	83.00
15	49.20	14.40	57.92	33.40	8.40	8.43	83.00
16	52.48	14.40	57.92	33.40	7.90	8.42	78.50
17	55.76	14.40	57.92	33.40	8.10	8.43	75.00
18	59.04	14.40	57.92	33.40	8.00	8.43	72.00
19	62.32	14.40	57.92	32.50	8.00	8.43	69.00
20	65.60	14.40	57.92	33.50	8.10	8.42	-1.00

MISSING DATA VALUE IS -1.0

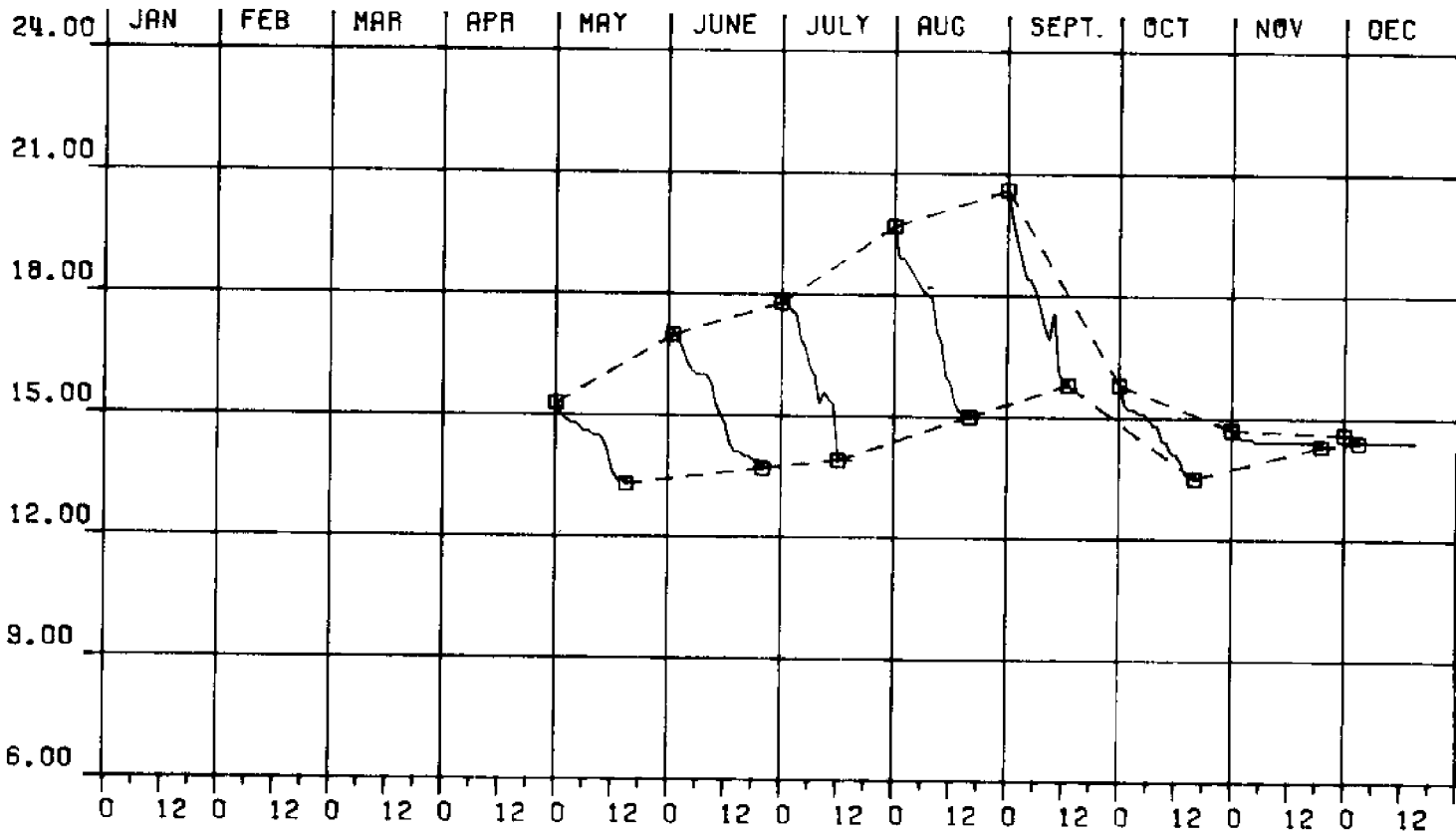
MISSING DATA VALUE IS -1.0

B11 1180 YDS SE PIER J LIGHT "4"

DATE: 1974

EACH SUBGRAPH BY MONTH

DATA: DEPTH METERS VS. TEMPERATURE CELSIUS

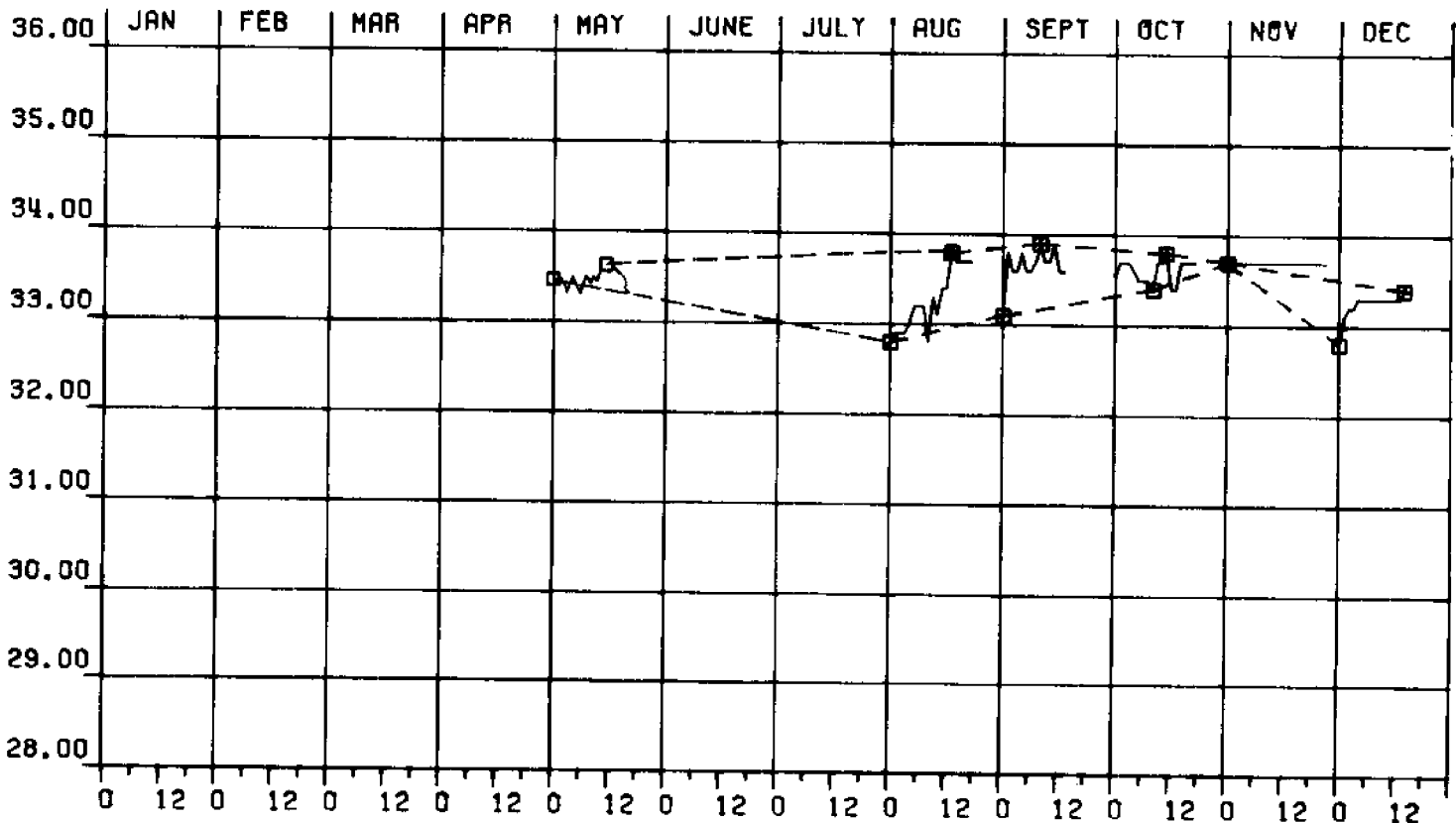


B11 1180 YDS SE PIER J LIGHT "4"

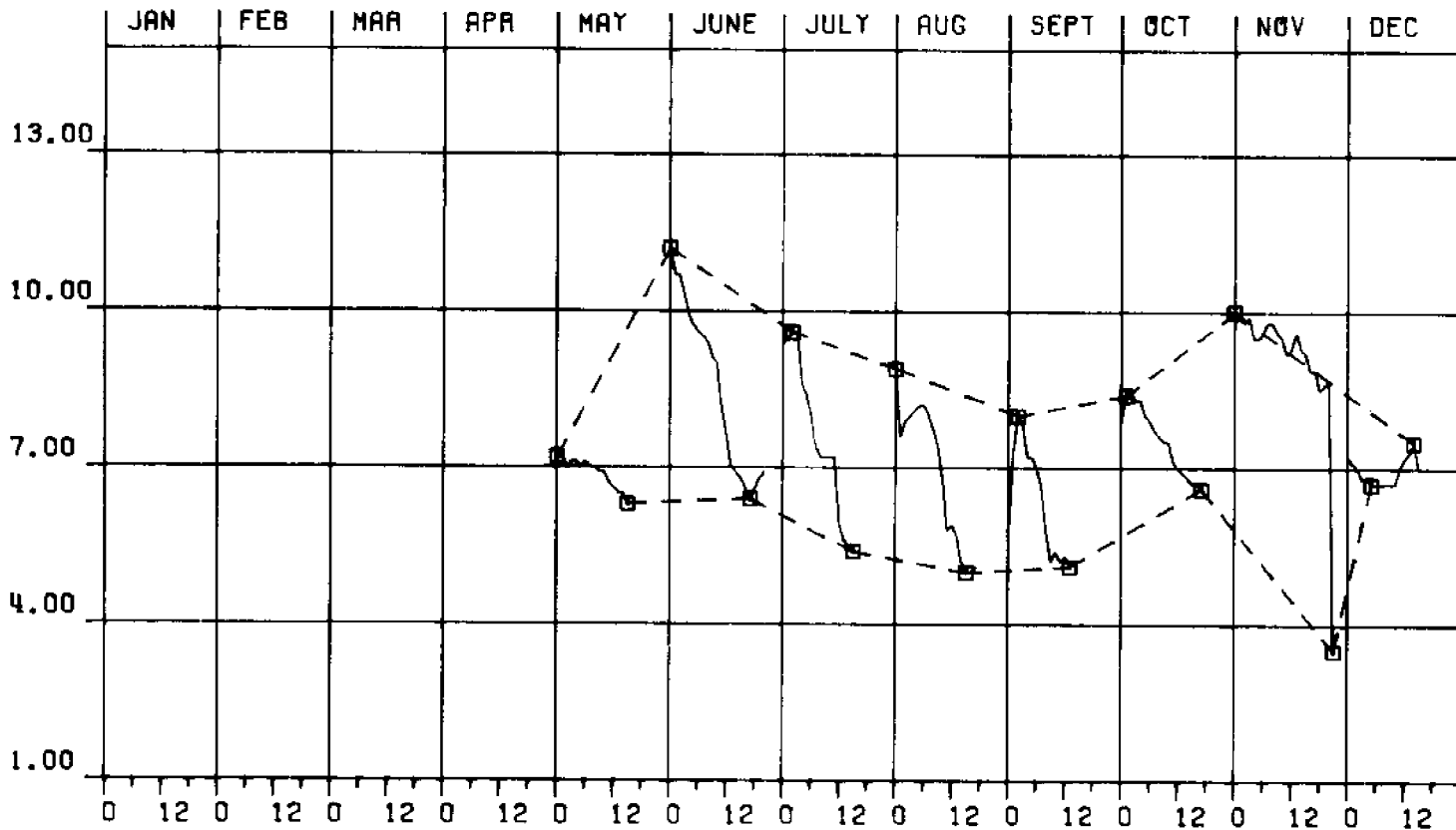
DATE: 1974

EACH SUBGRAPH BY MONTH

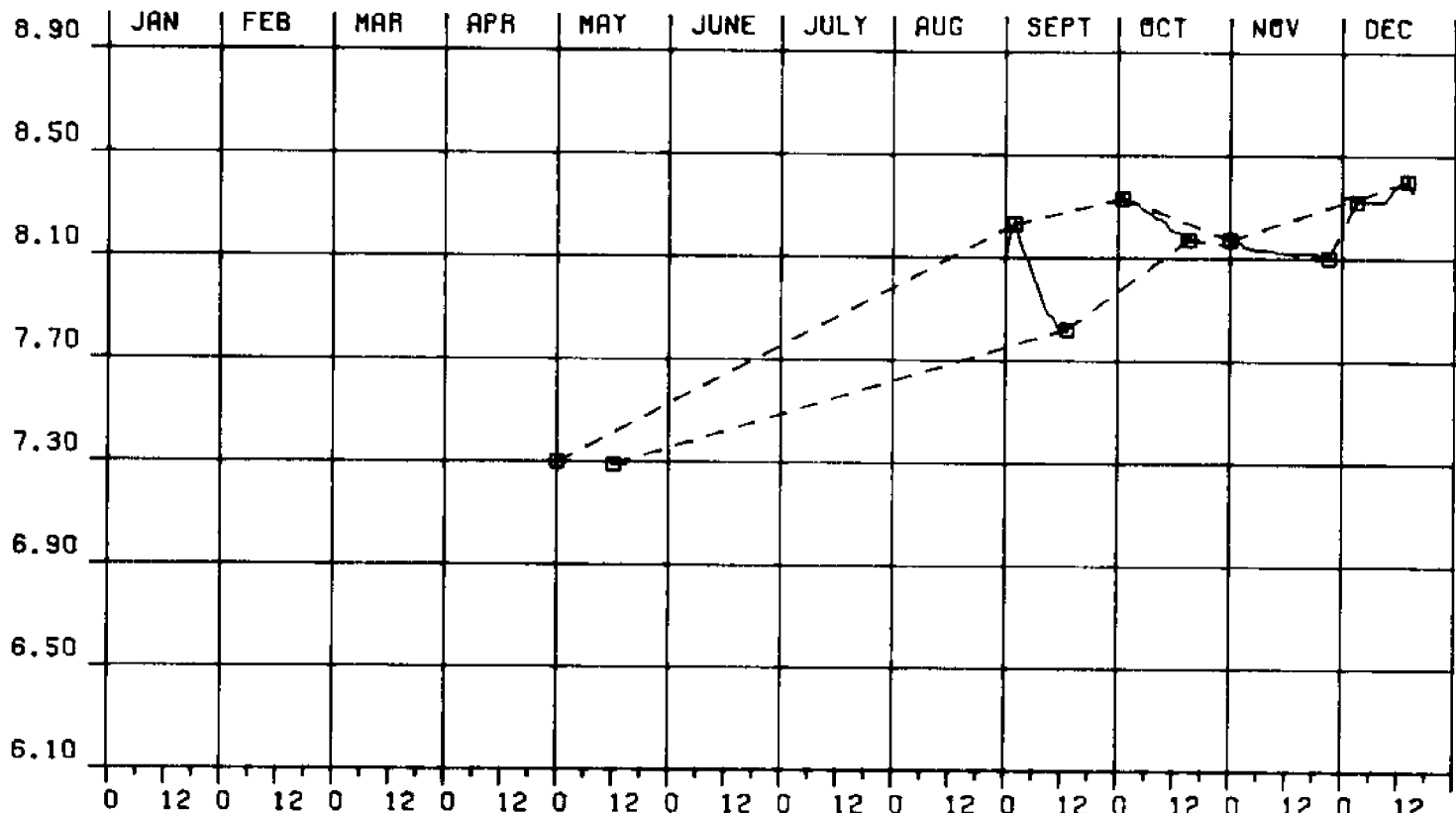
DATA: DEPTH METERS VS. SALINITY PPT



B11 1180 YDS SE PIER J LIGHT "4"  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. DISSOLVED OXYGEN PPM



B11 1180 YDS SE PIER J LIGHT "4"  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. PH H ION CONC



DATE: MAY 1974  
STATION: 811 1180 YDS SE PIER J LIGHT MAR

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/000	D.O.2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	15.30	59.54	33.50	7.20	7.30	87.00
01	3.28	15.00	59.00	33.45	7.20	7.30	86.50
02	6.56	14.90	58.82	33.55	7.00	7.30	86.00
03	9.84	14.80	58.64	33.55	7.10	7.30	86.00
04	13.12	14.80	58.64	33.50	7.10	7.30	86.00
05	16.40	14.70	58.46	33.40	7.00	7.30	87.00
06	19.68	14.60	58.28	33.40	7.10	7.30	87.00
07	22.96	14.60	58.28	33.40	7.00	7.30	87.00
08	26.24	14.50	58.10	33.30	7.00	7.30	87.00
09	29.52	14.50	58.10	33.40	6.90	7.30	86.50
10	32.80	14.40	57.92	33.40	6.90	7.30	86.00
11	36.08	14.10	57.38	33.40	6.70	7.30	84.50
12	39.36	13.60	56.48	33.60	6.60	7.29	81.00
13	42.64	13.40	56.12	33.45	6.50	7.29	79.00
14	45.92	13.40	56.12	33.50	6.50	7.29	72.50
15	49.20	13.30	55.94	33.40	6.30	7.29	-1.00

DATE: JUNE 1974  
STATION: 811 1180 YDS SE PIER J LIGHT MAR

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/000	D.O.2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	16.90	62.42	31.00	11.20	-1.00	80.00
01	3.28	17.00	62.60	31.00	10.70	-1.00	85.50
02	6.56	16.90	62.42	31.00	10.70	-1.00	85.50
03	9.84	16.60	61.88	31.20	10.30	-1.00	88.00
04	13.12	16.30	61.34	31.30	9.90	-1.00	89.00
05	16.40	16.10	60.98	31.50	9.70	-1.00	89.50
06	19.68	16.00	60.80	31.50	9.60	-1.00	89.50
07	22.96	16.00	60.80	31.50	9.50	-1.00	90.00
08	26.24	16.00	60.80	31.40	9.40	-1.00	88.00
09	29.52	15.80	60.44	31.60	9.10	-1.00	88.00
10	32.80	15.30	59.54	31.50	9.00	-1.00	87.00
11	36.08	15.00	59.00	31.50	8.10	-1.00	85.00
12	39.36	14.80	58.64	31.60	7.40	-1.00	76.00
13	42.64	14.30	57.74	31.90	7.00	-1.00	70.50
14	45.92	14.10	57.38	31.80	6.90	-1.00	76.50
15	49.20	14.10	57.38	31.80	6.80	-1.00	78.00
16	52.48	14.00	57.20	31.80	6.60	-1.00	75.00
17	55.76	14.00	57.20	31.80	6.40	-1.00	69.50
18	59.04	13.90	57.02	31.70	6.50	-1.00	65.50
19	62.32	13.90	57.02	31.60	6.80	-1.00	53.00
20	65.60	13.70	56.66	31.80	6.90	-1.00	39.50

\* Possible probe malfunction

MISSING DATA VALUE IS -1.0

DATE: JULY 1974  
STATION: 811 1180 YDS SE PIER J LIGHT MAR

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/000	D.O.2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	17.80	64.04	-1.00	9.40	-1.00	71.00
01	3.28	17.80	64.04	-1.00	9.50	-1.00	71.00
02	6.56	17.60	63.68	-1.00	9.60	-1.00	70.00
03	9.84	17.50	63.50	-1.00	9.60	-1.00	71.00
04	13.12	16.90	62.42	-1.00	8.60	-1.00	75.50
05	16.40	16.70	62.06	-1.00	8.40	-1.00	75.50
06	19.68	16.20	61.16	-1.00	8.00	-1.00	74.50
07	22.96	16.00	60.80	-1.00	7.40	-1.00	71.00
08	26.24	15.30	59.54	-1.00	7.20	-1.00	71.00
09	29.52	15.60	60.08	-1.00	7.20	-1.00	71.50
10	32.80	15.40	59.72	-1.00	7.20	-1.00	71.50
11	36.08	15.30	59.54	-1.00	7.20	-1.00	71.00
12	39.36	13.90	57.02	-1.00	5.90	-1.00	50.50
13	42.64	13.90	57.02	-1.00	5.80	-1.00	38.50
14	45.92	13.90	57.02	-1.00	5.50	-1.00	30.00
15	49.20	13.90	57.02	-1.00	5.40	-1.00	-1.00

DATE: AUGUST 1974  
STATION: 811 1180 YDS SE PIER J LIGHT MAR

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/000	D.O.2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	19.70	67.46	32.80	8.90	-1.00	83.00
01	3.28	18.90	66.02	32.90	7.60	-1.00	71.00
02	6.56	18.70	66.02	32.90	7.90	-1.00	69.50
03	9.84	18.70	66.02	32.90	8.00	-1.00	71.00
04	13.12	18.50	65.30	33.00	8.10	-1.00	73.00
05	16.40	18.30	64.94	33.20	8.20	-1.00	77.00
06	19.68	18.10	64.58	33.20	8.20	-1.00	80.00
07	22.96	18.00	64.40	33.20	8.00	-1.00	81.00
08	26.24	17.90	64.22	32.80	7.70	-1.00	80.50
09	29.52	17.10	62.78	33.30	7.40	-1.00	79.50
10	32.80	16.80	62.24	33.10	6.80	-1.00	78.00
11	36.08	16.00	60.80	33.40	5.80	-1.00	70.50
12	39.36	15.80	60.44	33.40	5.90	-1.00	65.00
13	42.64	15.30	59.54	33.80	5.70	-1.00	55.00
14	45.92	15.10	59.18	33.70	5.20	-1.00	50.00
15	49.20	15.10	59.18	33.70	5.00	-1.00	49.00
16	52.48	15.00	59.00	33.70	5.00	-1.00	49.50
17	55.76	15.00	59.00	33.70	5.10	-1.00	-1.00

MISSING DATA VALUE IS -1.0

DATE: SEPTEMBER 1974

STATION: 811 1180 YDS SE PIER J LIGHT #4#

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O2 PPM	PH M. ION CONC	TURBIDITY NTU
00	0.0	20.60	69.08	33.10	8.80	8.10	86.50
01	3.28	19.90	67.82	33.80	7.30	8.20	84.00
02	6.56	19.30	66.74	33.80	8.00	8.23	85.50
03	9.84	18.90	66.02	33.80	7.80	8.16	86.50
04	13.12	18.40	65.12	33.80	7.20	8.11	88.50
05	16.40	18.40	65.12	33.60	7.20	8.08	89.00
06	19.68	18.10	64.58	33.60	7.00	8.02	86.00
07	22.96	17.70	63.86	33.70	6.60	7.98	81.50
08	26.24	17.20	62.96	33.90	5.60	7.92	81.00
09	29.52	16.90	62.42	33.70	8.20	7.88	81.00
10	32.80	17.60	63.68	33.70	5.40	7.87	81.50
11	36.08	16.10	60.98	33.90	5.20	7.83	85.50
12	39.36	15.90	60.62	33.80	5.30	7.83	78.50
13	42.64	15.80	60.44	33.60	5.10	7.82	73.00

DATE: OCTOBER 1974

STATION: 811 1180 YDS SE PIER J LIGHT #4#

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O2 PPM	PH M. ION CONC	TURBIDITY NTU
00	0.0	15.80	60.44	33.90	5.00	8.32	48.50
01	3.28	15.30	59.54	33.70	8.40	8.33	80.00
02	6.56	15.20	59.36	33.70	9.40	8.31	80.50
03	9.84	15.20	59.36	33.70	8.30	8.31	80.50
04	13.12	15.10	59.18	33.60	8.30	8.31	80.00
05	16.40	15.10	59.18	33.50	6.00	8.29	78.00
06	19.68	15.00	59.00	33.50	7.40	8.28	77.00
07	22.96	14.80	58.64	33.50	7.70	8.27	77.00
08	26.24	14.80	58.64	33.40	7.80	8.25	76.00
09	29.52	14.40	57.92	33.70	7.50	8.25	74.80
10	32.80	14.40	57.92	33.70	7.50	8.24	73.50
11	36.08	14.10	57.38	33.80	7.10	8.21	71.50
12	39.36	14.10	57.38	33.40	7.00	8.20	67.50
13	42.64	13.90	57.02	33.40	6.90	8.20	66.50
14	45.92	13.80	56.84	33.70	6.80	8.18	58.00
15	49.20	13.80	56.84	33.70	6.70	8.17	51.00
16	52.48	13.50	56.30	33.70	6.70	8.17	32.00
17	55.76	13.00	55.30	33.70	6.60	8.17	-1.00

MISSING DATA VALUE IS -1.0

DATE: NOVEMBER 1974

STATION: 811 1180 YDS SE PIER J LIGHT #4#

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O2 PPM	PH M. ION CONC	TURBIDITY NTU
00	0.0	14.70	58.46	33.70	10.00	8.17	82.00
01	3.28	14.60	58.28	33.70	9.90	8.16	78.00
02	6.56	14.50	58.10	33.70	9.80	8.16	74.50
03	9.84	14.50	58.10	33.70	9.90	8.14	75.00
04	13.12	14.50	58.10	33.70	9.50	8.14	74.00
05	16.40	14.40	57.92	33.70	9.50	8.13	73.50
06	19.68	14.40	57.92	33.70	9.80	8.13	73.50
07	22.96	14.40	57.92	33.70	9.80	8.13	72.00
08	26.24	14.40	57.92	33.70	9.80	8.13	71.50
09	29.52	14.40	57.92	33.70	9.60	8.13	72.50
10	32.80	14.40	57.92	33.70	9.50	8.12	72.50
11	36.08	14.40	57.92	33.70	9.20	8.12	72.50
12	39.36	14.40	57.92	33.70	9.30	8.12	70.00
13	42.64	14.40	57.92	33.70	9.60	8.12	69.00
14	45.92	14.40	57.92	33.70	9.30	8.12	66.50
15	49.20	14.40	57.92	33.70	9.20	8.12	66.00
16	52.48	14.40	57.92	33.70	8.88	8.12	67.50
17	55.76	14.40	57.92	33.70	8.88	8.12	67.50
18	59.04	14.40	57.92	33.70	8.50	8.12	66.50
19	62.32	14.30	57.74	33.70	8.00	8.11	65.50
20	65.60	14.30	57.74	33.70	8.70	8.11	61.00
21	68.88	14.30	57.74	33.70	3.50	8.11	37.00

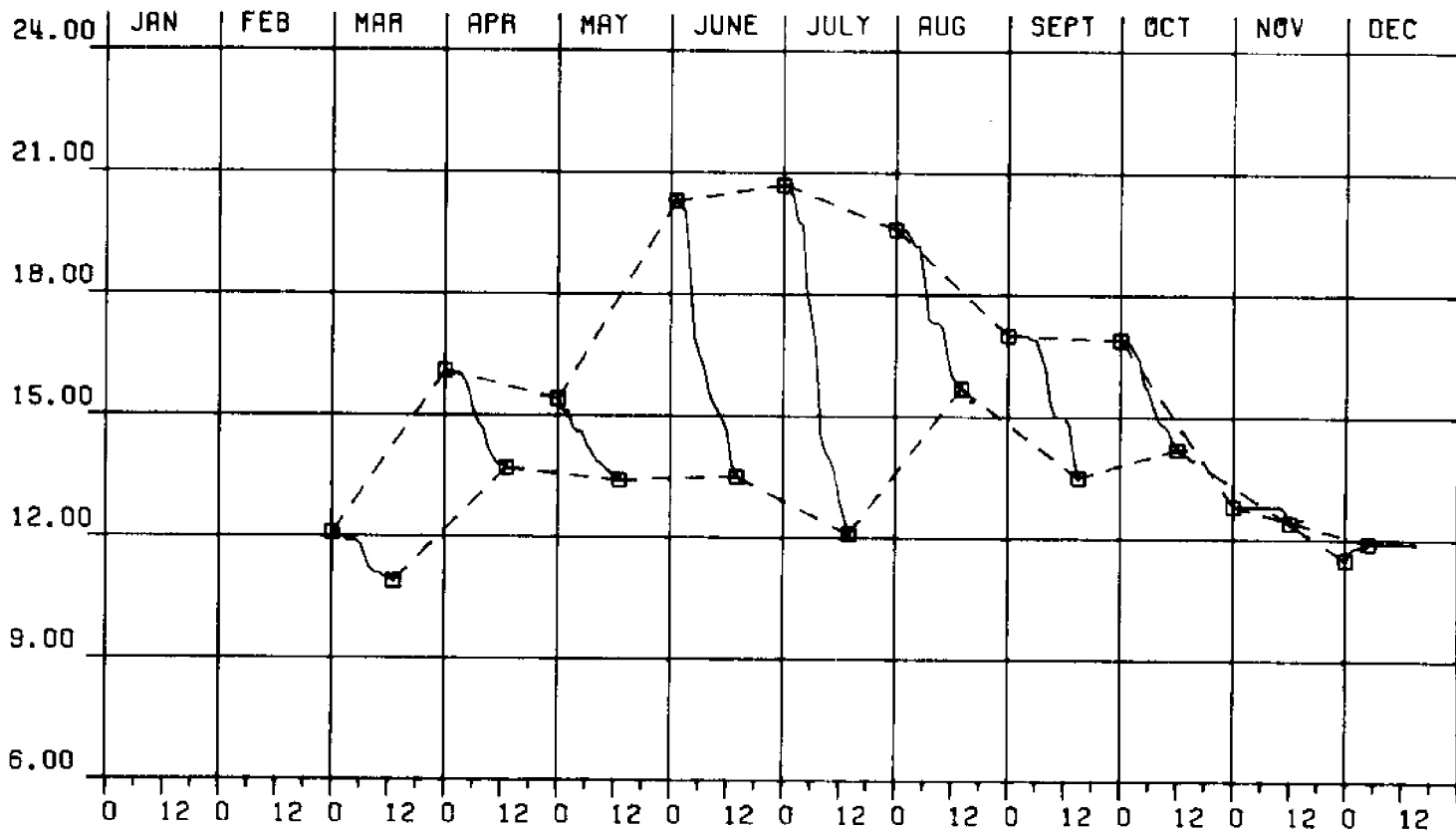
DATE: DECEMBER 1974

STATION: 811 1180 YDS SE PIER J LIGHT #4#

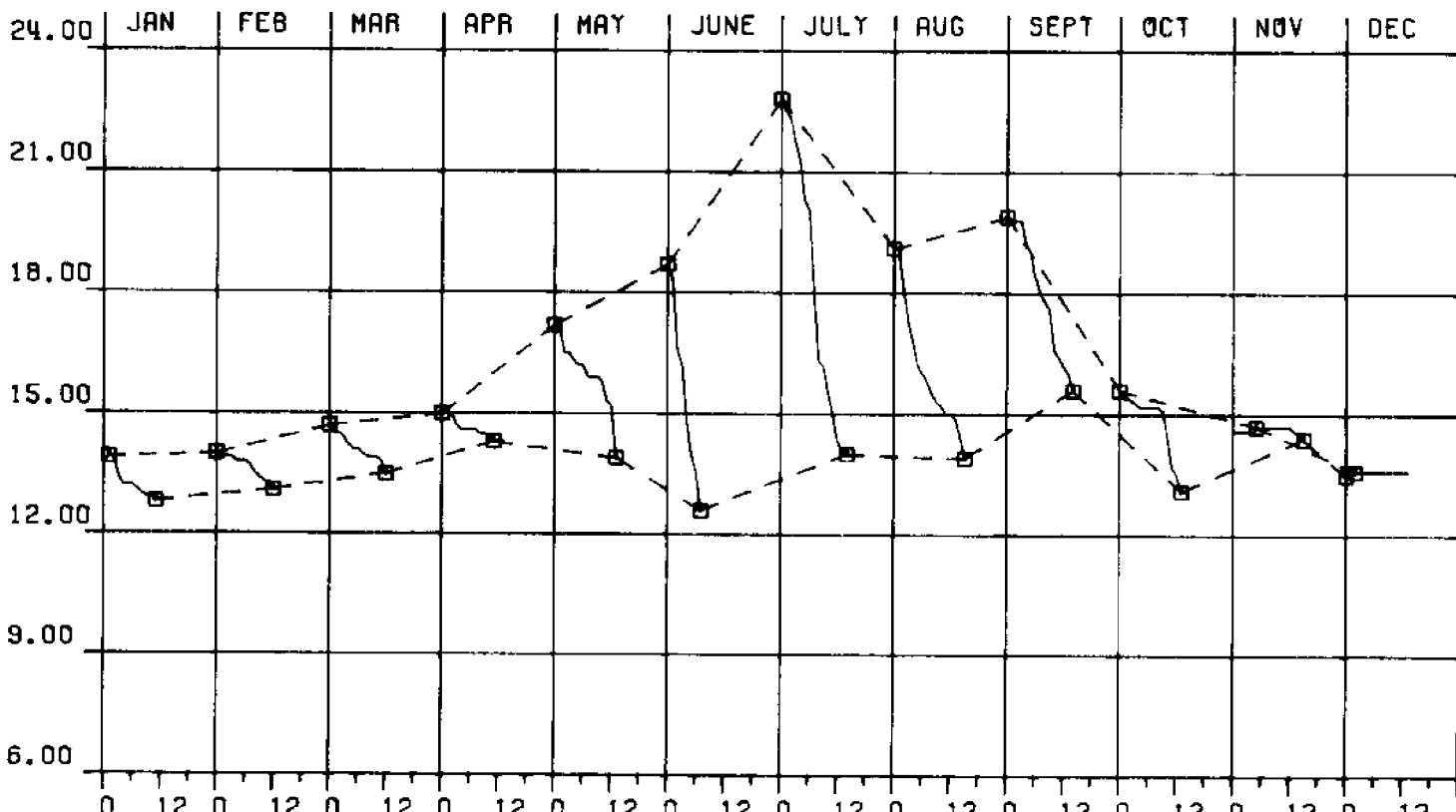
DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O2 PPM	PH M. ION CONC	TURBIDITY NTU
00	0.0	14.60	58.28	32.80	7.20	8.33	56.50
01	3.28	14.60	58.28	33.10	7.10	8.34	61.00
02	6.56	14.50	58.10	33.20	7.00	8.34	62.00
03	9.84	14.40	57.92	33.20	6.80	8.32	63.50
04	13.12	14.40	57.92	33.30	6.80	8.32	63.50
05	16.40	14.40	57.92	33.30	6.70	8.32	62.00
06	19.68	14.40	57.92	33.30	6.70	8.32	60.00
07	22.96	14.40	57.92	33.30	6.70	8.32	56.50
08	26.24	14.40	57.92	33.30	6.70	8.32	54.00
09	29.52	14.40	57.92	33.30	6.70	8.32	53.00
10	32.80	14.40	57.92	33.30	6.70	8.34	52.00
11	36.08	14.40	57.92	33.30	7.00	8.37	49.00
12	39.36	14.40	57.92	33.30	7.20	8.38	49.00
13	42.64	14.40	57.92	33.30	7.30	8.38	47.00
14	45.92	14.40	57.92	33.40	7.50	8.40	47.00
15	49.20	14.40	57.92	33.40	7.00	8.36	47.00

MISSING DATA VALUE IS -1.0

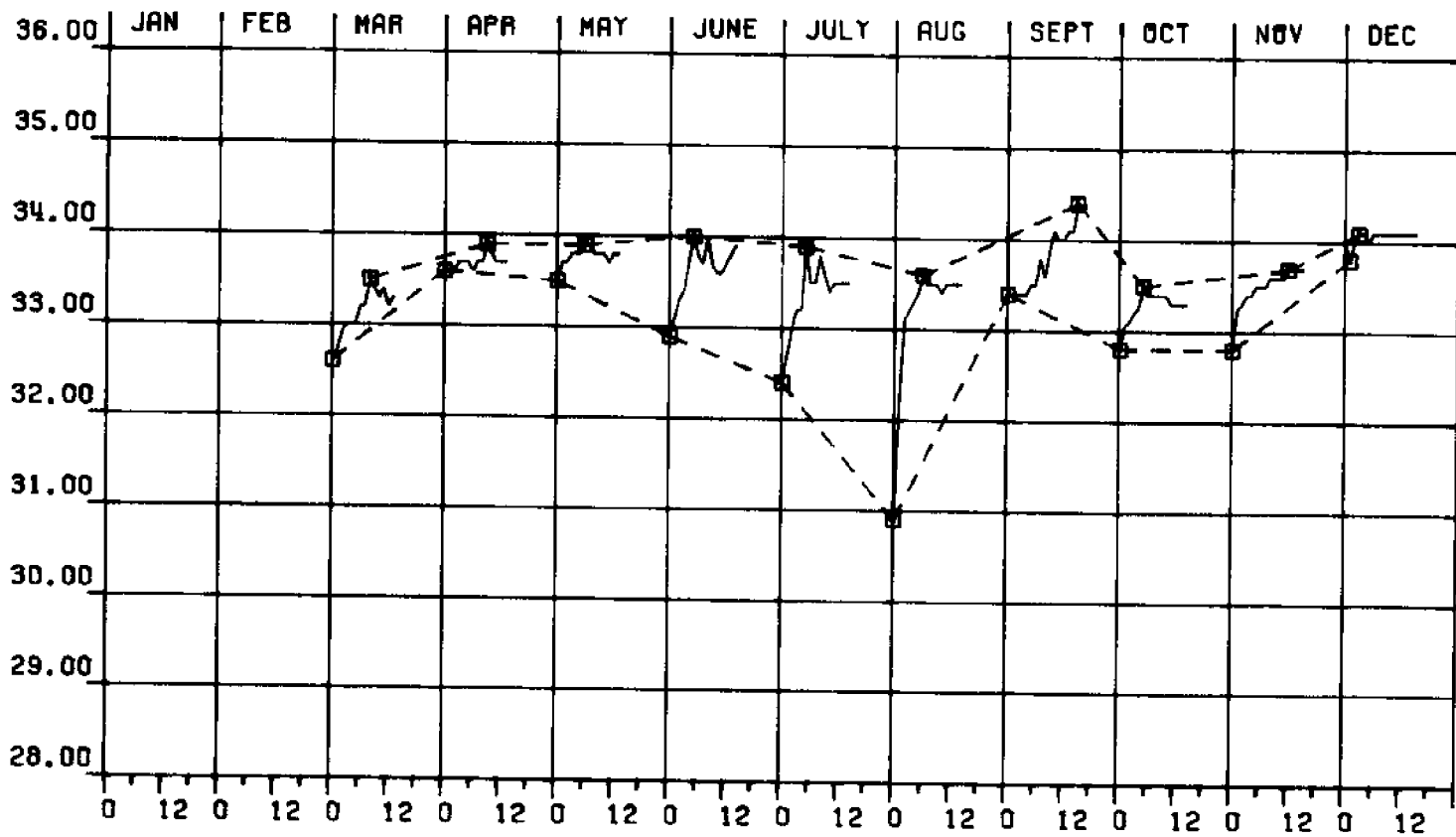
D1 500 YDS SE END OF PIER J  
 DATE: 1973  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. TEMPERATURE CELSIUS



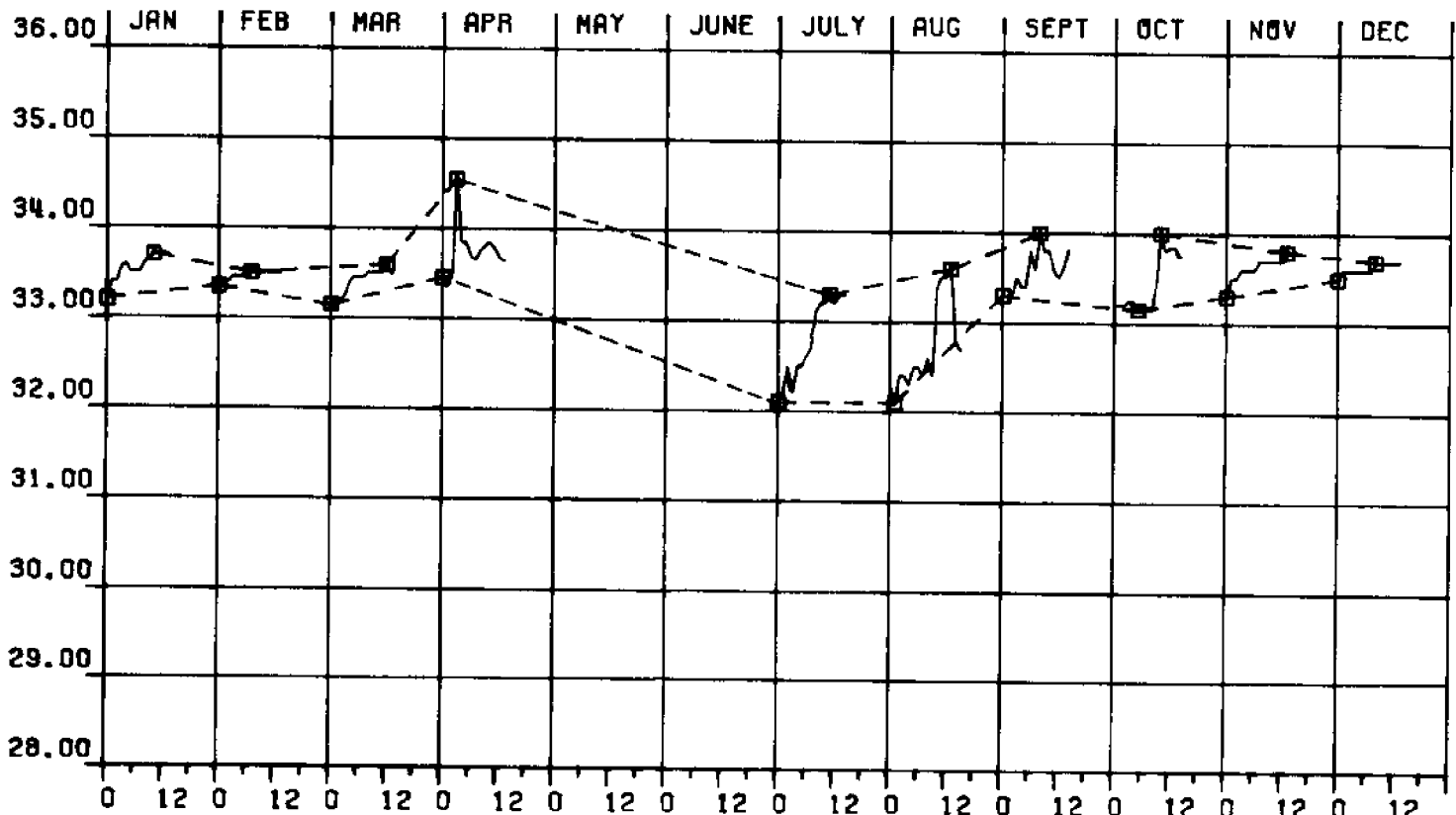
D1 500 YDS SE END OF PIER J  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. TEMPERATURE CELSIUS



01 500 YDS SE END OF PIER J  
 DATE: 1973  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. SALINITY PPT



01 500 YDS SE END OF PIER J  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. SALINITY PPT



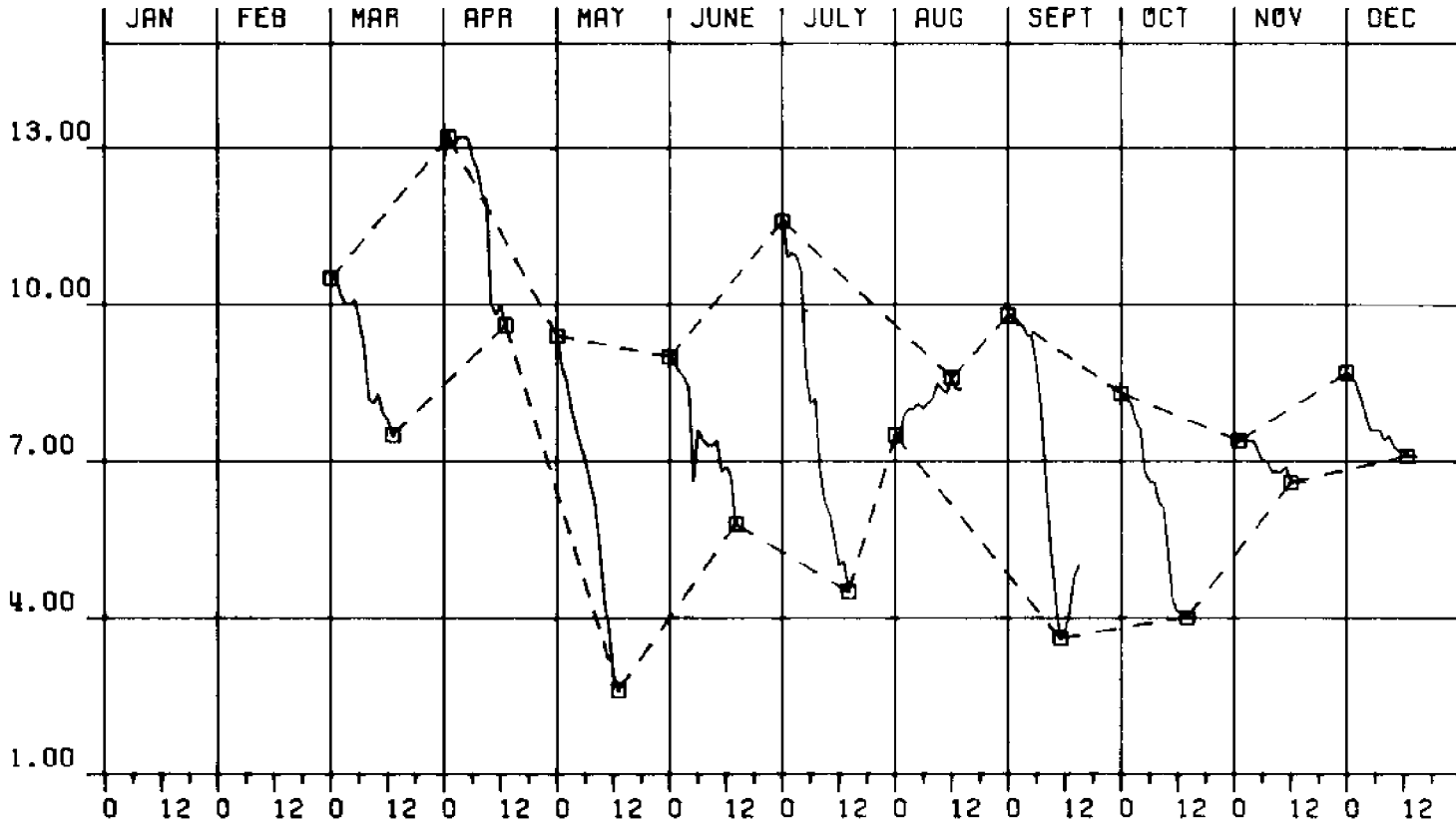


01 500 YDS SE END OF PIER J

DATE: 1973

EACH SUBGRAPH BY MONTH

DATA: DEPTH METERS VS. DISSOLVED OXYGEN PPM

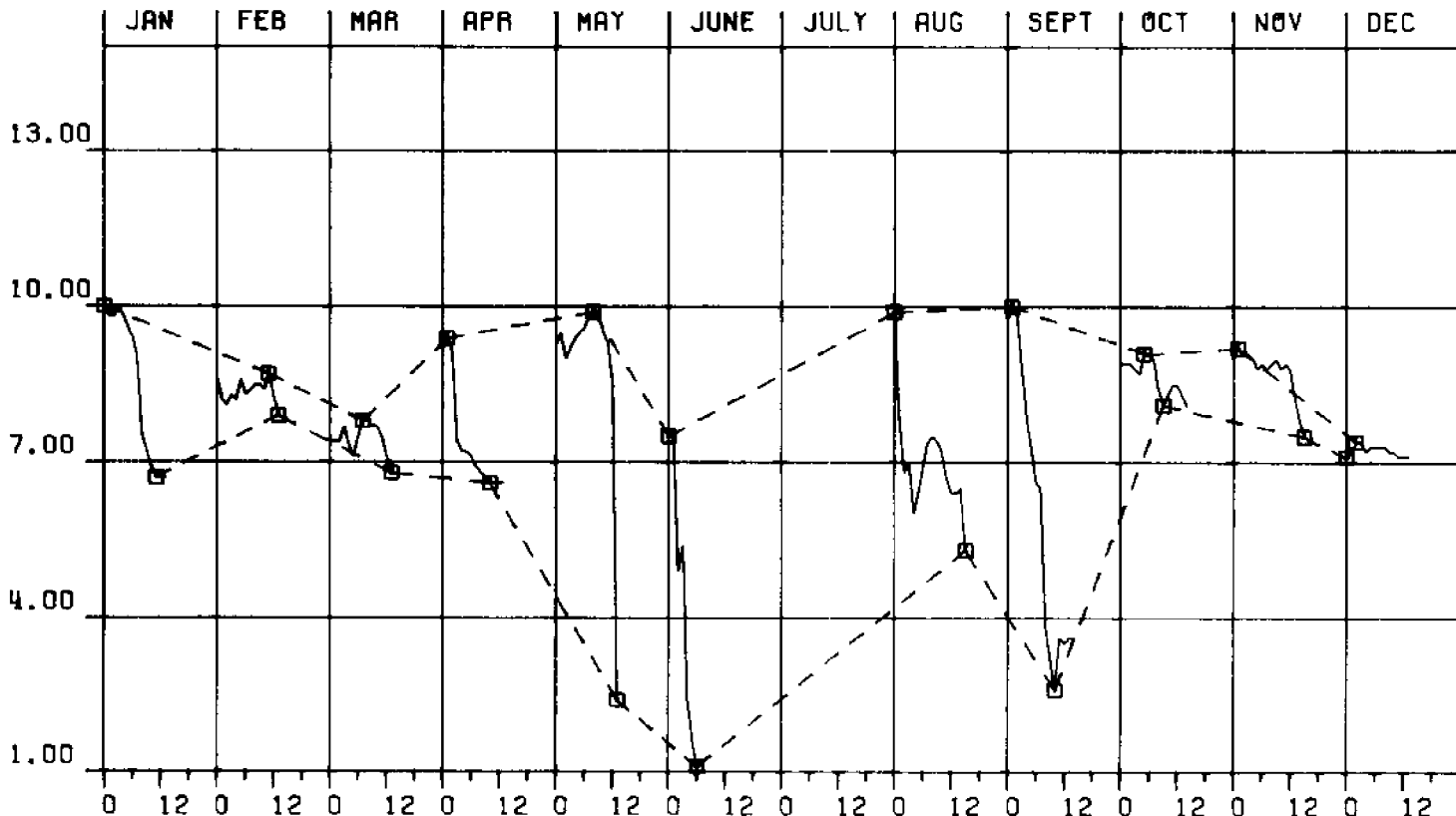


01 500 YDS SE END OF PIER J

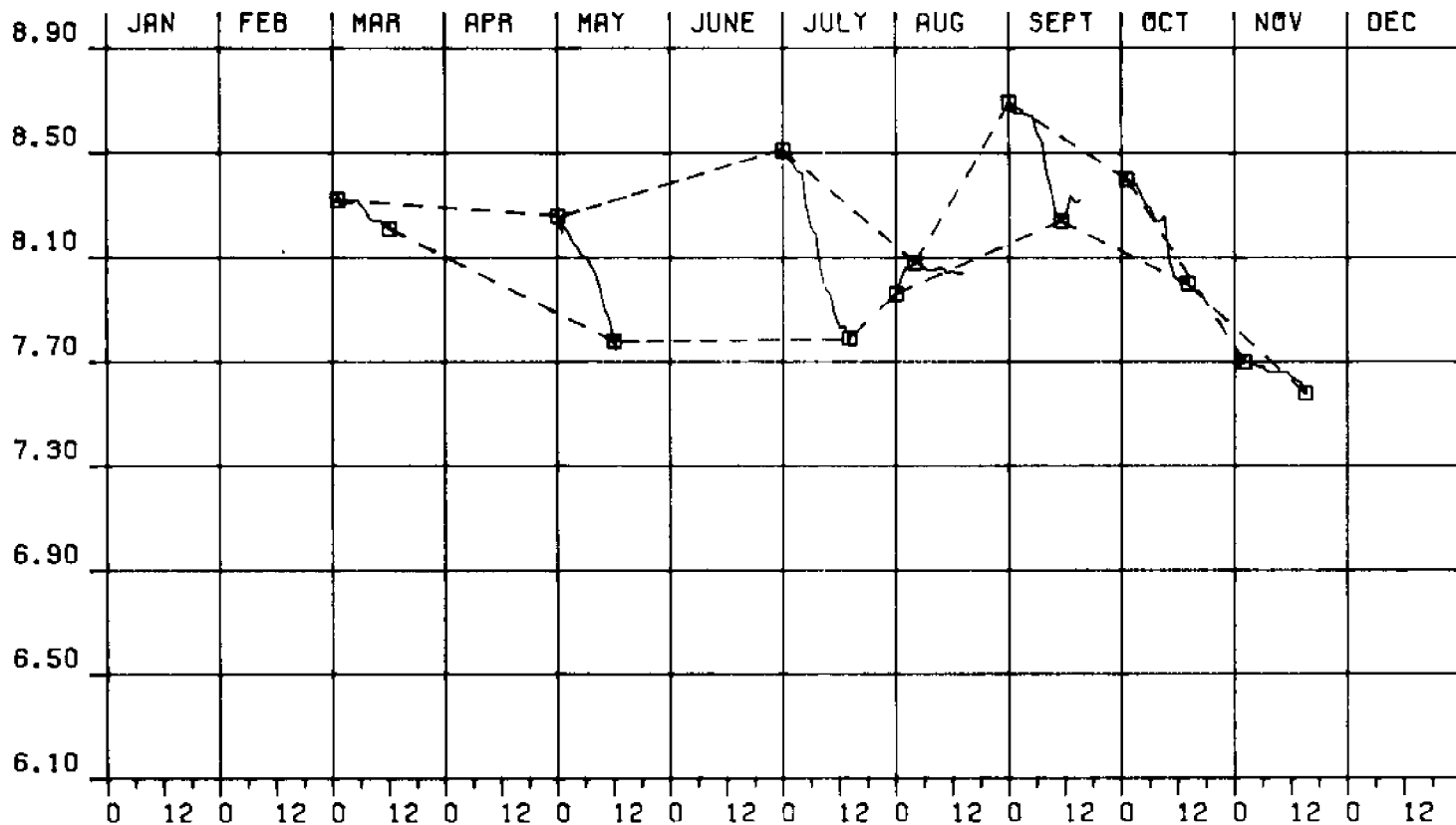
DATE: 1974

EACH SUBGRAPH BY MONTH

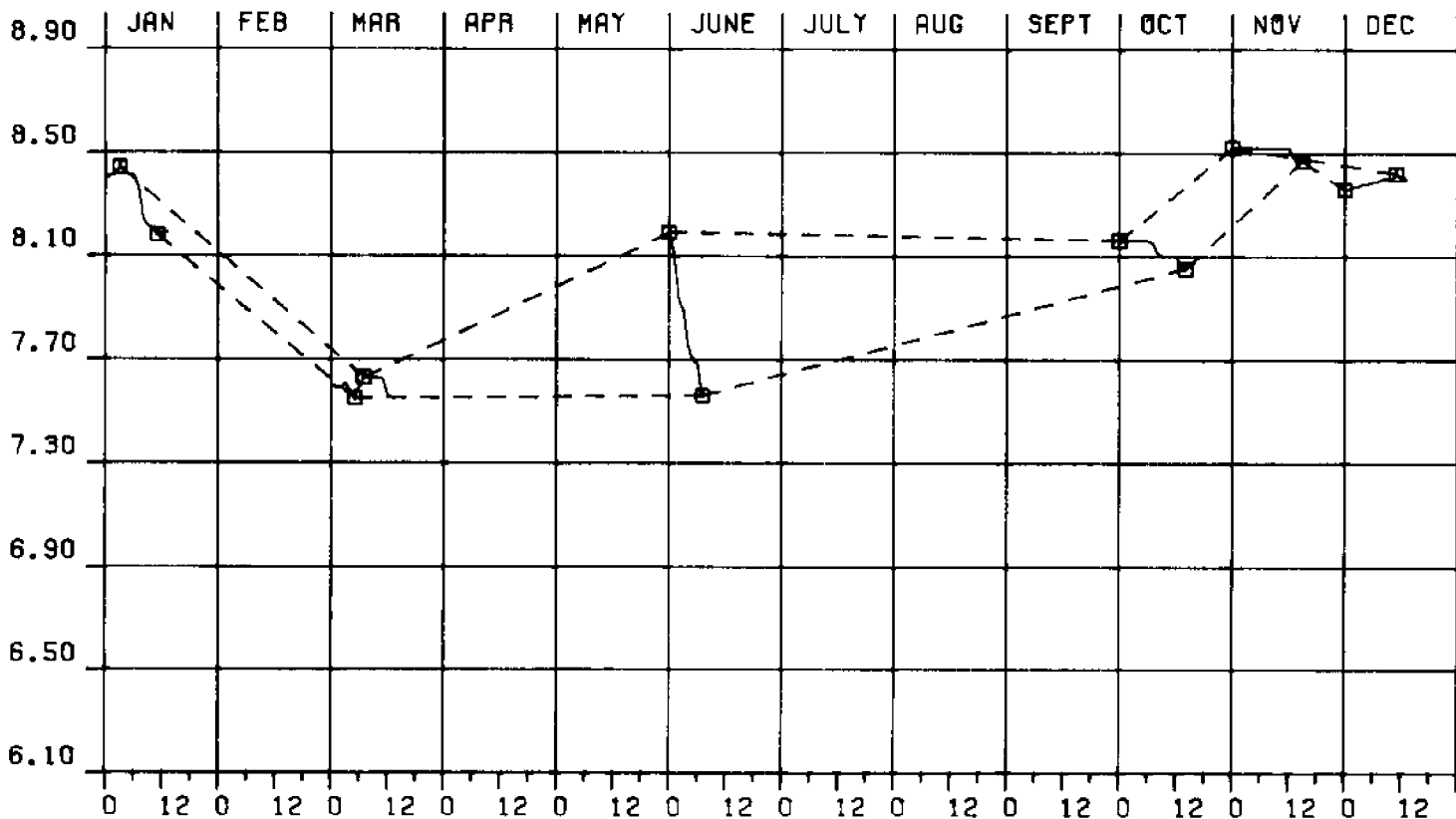
DATA: DEPTH METERS VS. DISSOLVED OXYGEN PPM



D1 500 YDS SE END OF PIER J  
 DATE: 1973  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. PH H ION CONC



D1 500 YDS SE END OF PIER J  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. PH H ION CONC



DATE: MARCH 1973

STATION: D1 500 YDS SE END OF PIER J

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY P/1000	D.O.2 PPM	PH H. ION CONC	TURBIDITY %
		C	F				
00	0.0	12.10	53.78	32.60	10.50	8.31	-1.00
01	3.28	12.10	53.78	32.70	10.50	8.32	-1.00
02	6.56	12.00	53.60	32.90	10.20	8.30	-1.00
03	9.84	11.90	53.42	33.00	10.00	8.31	-1.00
04	13.12	11.90	53.42	33.00	10.00	8.31	-1.00
05	16.40	11.90	53.42	33.00	10.10	8.32	-1.00
06	19.68	11.80	53.24	33.20	9.70	8.30	-1.00
07	22.96	11.50	52.70	33.20	9.20	8.28	-1.00
08	26.24	11.20	52.16	33.30	8.20	8.24	-1.00
09	29.52	11.10	51.98	33.40	8.10	8.24	-1.00
10	32.80	11.10	51.98	33.30	8.30	8.24	-1.00
11	36.08	11.00	51.80	33.40	7.90	8.22	-1.00
12	39.36	11.00	51.80	33.20	7.80	8.21	-1.00
13	42.64	10.90	51.62	33.30	7.50	8.21	-1.00

DATE: APRIL 1973

STATION: D1 500 YDS SE END OF PIER J

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY P/1000	D.O.2 PPM	PH H. ION CONC	TURBIDITY %
		C	F				
00	0.0	16.10	60.98	33.60	12.80	-1.00	-1.00
01	3.28	15.00	60.00	33.60	13.20	-1.00	-1.00
02	6.56	14.00	60.00	33.60	13.00	-1.00	-1.00
03	9.84	14.00	60.00	33.70	13.20	-1.00	-1.00
04	13.12	15.90	60.62	33.70	13.20	-1.00	-1.00
05	16.40	15.00	60.00	33.70	13.20	-1.00	-1.00
06	19.68	15.10	59.18	33.60	12.80	-1.00	-1.00
07	22.96	14.80	58.64	33.70	12.50	-1.00	-1.00
08	26.24	14.70	58.46	33.70	12.10	-1.00	-1.00
09	29.52	14.20	57.56	33.90	12.00	-1.00	-1.00
10	32.80	14.00	57.20	33.80	10.00	-1.00	-1.00
11	36.08	13.80	56.84	33.70	9.80	-1.00	-1.00
12	39.36	13.80	56.84	33.70	10.00	-1.00	-1.00
13	42.64	13.70	56.66	33.70	9.68	-1.00	-1.00

DATE: MAY 1973

STATION: D1 500 YDS SE END OF PIER J

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY P/1000	D.O.2 PPM	PH H. ION CONC	TURBIDITY %
		C	F				
00	0.0	15.40	59.72	33.50	9.40	8.20	50.00
01	3.28	15.10	59.18	33.70	8.80	8.22	52.00
02	6.56	15.10	59.18	33.70	8.58	8.20	50.00
03	9.84	14.70	58.46	33.80	9.00	8.16	52.00
04	13.12	14.60	58.28	33.80	7.88	8.14	46.00
05	16.40	14.60	58.28	33.80	7.30	8.11	46.00
06	19.68	14.30	57.74	33.90	7.00	8.10	47.00
07	22.96	14.10	57.38	33.90	6.68	8.07	46.00
08	26.24	13.90	57.02	33.80	6.20	8.04	49.00
09	29.52	13.80	56.84	33.80	5.48	7.98	49.00
10	32.80	13.70	56.66	33.80	4.30	7.90	47.00
11	36.08	13.60	56.48	33.70	3.88	7.86	45.00
12	39.36	13.50	56.30	33.80	2.80	7.78	44.00
13	42.64	13.40	56.12	33.80	2.80	7.79	39.00

MISSING DATA VALUE IS -1.0

DATE: JUNE 1973

STATION: D1 500 YDS SE END OF PIER J

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY P/1000	D.O.2 PPM	PH H. ION CONC	TURBIDITY %
		C	F				
00	0.0	20.20	68.36	32.90	9.00	6.32	83.00
01	3.28	20.30	68.54	33.10	8.90	6.34	85.00
02	6.56	20.20	68.36	33.30	8.70	6.36	85.00
03	9.84	20.00	68.00	33.40	8.60	6.36	92.00
04	13.12	18.50	65.30	33.70	8.40	6.34	80.00
05	16.40	16.90	62.42	34.00	8.60	6.24	86.00
06	19.68	16.50	61.70	33.80	7.60	6.30	87.00
07	22.96	16.20	61.16	33.70	7.40	6.29	87.00
08	26.24	15.60	60.08	34.00	7.30	6.29	94.00
09	29.52	15.30	59.54	33.70	7.30	6.28	96.00
10	32.80	15.10	59.18	33.60	7.40	6.27	99.00
11	36.08	14.90	58.82	33.60	6.80	6.24	99.99
12	39.36	14.60	58.28	33.70	6.90	6.28	99.99
13	42.64	13.80	56.84	33.80	6.70	6.24	98.99
14	45.92	13.50	56.30	33.90	5.80	6.16	99.99

\* Possible probe malfunction

DATE: JULY 1973

STATION: D1 500 YDS SE END OF PIER J

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY P/1000	D.O.2 PPM	PH H. ION CONC	TURBIDITY %
		C	F				
00	0.0	20.70	69.26	32.40	11.60	8.51	-1.00
01	3.28	20.70	69.26	32.70	10.90	8.48	-1.00
02	6.56	20.40	68.72	33.08	11.00	8.46	-1.00
03	9.84	19.80	67.64	33.20	10.90	8.43	-1.00
04	13.12	19.70	67.46	33.20	10.60	8.42	-1.00
05	16.40	18.10	64.58	33.90	8.70	8.29	-1.00
06	19.68	17.40	63.32	33.50	8.10	8.21	-1.00
07	22.96	16.70	62.06	33.50	8.20	8.19	-1.00
08	26.24	14.50	58.10	33.80	6.80	8.05	-1.00
09	29.52	14.10	57.38	33.60	6.20	7.98	-1.00
10	32.80	13.90	57.02	33.40	6.00	7.96	-1.00
11	36.08	13.60	56.48	33.50	5.50	7.86	-1.00
12	39.36	12.90	55.22	33.50	5.00	7.83	-1.00
13	42.64	12.50	54.50	33.50	5.10	7.84	-1.00
14	45.92	12.10	53.78	33.50	4.50	7.79	-1.00

DATE: AUGUST 1973

STATION: D1 500 YDS SE END OF PIER J

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY P/1000	D.O.2 PPM	PH H. ION CONC	TURBIDITY %
		C	F				
00	0.0	19.60	67.28	30.90	7.50	7.96	-1.00
01	3.28	19.60	67.28	32.10	7.50	8.01	-1.00
02	6.56	19.60	67.28	33.10	7.90	8.06	-1.00
03	9.84	19.40	66.92	33.20	8.00	8.06	-1.00
04	13.12	19.20	66.56	33.30	8.00	8.08	-1.00
05	16.40	19.20	66.56	33.40	8.10	8.08	-1.00
06	19.68	18.40	65.12	33.60	8.00	8.06	-1.00
07	22.96	17.40	63.32	33.50	8.10	8.05	-1.00
08	26.24	17.30	63.14	33.50	8.20	8.05	-1.00
09	29.52	17.30	63.14	33.50	8.30	8.06	-1.00
10	32.80	17.20	62.96	33.40	8.40	8.06	-1.00
11	36.08	16.50	61.70	33.50	8.30	8.04	-1.00
12	39.36	16.00	60.80	33.50	8.60	8.05	-1.00
13	42.64	15.00	60.44	33.50	8.40	8.04	-1.00
14	45.92	15.70	60.26	33.50	8.40	8.04	-1.00

DATE: SEPTEMBER 1973

DATE: DECEMBER 1973

STATION: 01 500 YDS SE END OF PIER 1

STATION: 01 500 YDS SE END OF PIER 1

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O2 PPM	PH	TURBIDITY %
00	0.0	17.00	62.60	33.40	9.80	8.00	82.00
01	3.28	17.00	62.60	33.40	9.80	8.05	82.80
02	6.56	17.00	62.60	33.40	9.80	8.05	83.00
03	9.84	17.00	62.60	33.40	9.80	8.05	84.00
04	13.12	17.00	62.60	33.40	9.80	8.04	84.00
05	16.40	16.50	61.70	33.50	9.80	8.04	84.50
06	19.68	16.90	62.42	33.50	9.80	8.03	85.00
07	22.96	16.50	61.70	33.60	9.80	8.04	85.50
08	26.24	16.20	61.16	33.60	9.80	8.02	85.00
09	29.52	15.30	59.54	33.90	9.80	8.03	85.00
10	32.80	15.00	59.00	34.10	9.80	8.02	84.50
11	36.08	15.00	59.00	34.00	9.80	8.02	80.00
12	39.36	15.00	59.00	34.00	9.70	8.02	78.00
13	42.64	14.80	58.64	34.10	9.70	8.04	79.00
14	45.92	14.00	57.20	34.10	9.80	8.03	81.00
15	49.20	13.50	56.30	34.40	9.70	8.02	80.00

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O2 PPM	PH	TURBIDITY %
00	0.0	11.50	52.70	34.00	9.70	8.00	69.00
01	3.28	11.70	53.06	34.40	9.80	8.00	69.00
02	6.56	11.80	53.24	34.00	9.50	8.00	69.00
03	9.84	11.80	53.24	34.10	9.20	8.00	69.50
04	13.12	11.80	53.24	34.10	7.90	8.00	73.00
05	16.40	11.90	53.42	34.00	7.60	8.00	75.00
06	19.68	11.90	53.42	34.10	7.60	8.00	76.00
07	22.96	11.90	53.42	34.10	7.60	8.00	76.00
08	26.24	11.90	53.42	34.10	7.40	8.00	75.00
09	29.52	11.90	53.42	34.10	7.50	8.00	75.50
10	32.80	11.90	53.42	34.10	7.30	8.00	75.50
11	36.08	11.90	53.42	34.10	7.20	8.00	75.00
12	39.36	11.90	53.42	34.10	7.20	8.00	76.00
13	42.64	11.90	53.42	34.10	7.10	8.00	72.00
14	45.92	11.90	53.42	34.10	7.10	8.00	71.50
15	49.20	11.50	52.70	34.10	7.10	8.00	71.00

DATE: OCTOBER 1973

DATE: JANUARY 1974

STATION: 01 500 YDS SE END OF PIER 1

STATION: 01 500 YDS SE END OF PIER 1

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O2 PPM	PH	TURBIDITY %
00	0.0	16.00	60.80	32.80	9.30	8.00	75.50
01	3.28	16.90	62.42	33.05	9.20	8.00	75.00
02	6.56	16.90	62.42	33.10	9.10	8.00	75.50
03	9.84	16.90	62.42	33.20	7.90	8.00	76.00
04	13.12	16.90	62.42	33.20	7.90	8.00	79.50
05	16.40	15.80	60.44	33.50	7.80	8.00	81.50
06	19.68	15.60	60.08	33.40	6.60	8.00	82.00
07	22.96	15.20	59.36	33.40	6.60	8.00	82.00
08	26.24	14.90	58.82	33.40	6.20	8.00	81.50
09	29.52	14.70	58.46	33.40	6.10	8.00	80.00
10	32.80	14.70	58.46	33.40	5.20	8.00	80.00
11	36.08	14.00	57.20	33.30	4.30	8.00	80.50
12	39.36	14.20	57.56	33.30	4.10	8.00	71.00
13	42.64	14.20	57.56	33.30	4.10	8.00	60.00
14	45.92	14.20	57.56	33.30	4.00	8.00	51.00

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O2 PPM	PH	TURBIDITY %
00	0.0	13.80	56.84	33.20	10.00	8.00	71.00
01	3.28	13.90	57.02	33.40	9.80	8.00	71.00
02	6.56	13.90	57.02	33.40	9.80	8.00	71.00
03	9.84	13.40	56.12	33.40	10.00	8.00	71.00
04	13.12	13.20	55.76	33.40	9.60	8.00	71.00
05	16.40	13.20	55.76	33.50	9.60	8.00	71.00
06	19.68	13.20	55.76	33.50	9.40	8.00	71.00
07	22.96	13.10	55.58	33.50	9.00	8.00	71.00
08	26.24	13.00	55.40	33.60	7.40	8.00	71.00
09	29.52	12.90	55.22	33.65	7.20	8.00	71.00
10	32.80	12.90	55.22	33.70	6.90	8.00	71.00
11	36.08	12.40	54.32	33.70	6.70	8.00	71.00
12	39.36	12.80	55.04	33.70	6.70	8.00	71.00
13	42.64	12.40	54.32	33.70	6.70	8.00	71.00

DATE: NOVEMBER 1973

DATE: FEBRUARY 1974

STATION: 01 500 YDS SE END OF PIER 1

STATION: 01 500 YDS SE END OF PIER 1

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O2 PPM	PH	TURBIDITY %
00	0.0	12.80	55.04	32.80	7.30	7.68	82.00
01	3.28	12.80	55.04	33.25	7.40	7.67	82.30
02	6.56	12.90	55.22	33.30	7.40	7.70	82.50
03	9.84	12.90	55.22	33.40	7.40	7.70	83.00
04	13.12	12.80	55.04	33.40	7.40	7.67	83.50
05	16.40	12.80	55.04	33.50	7.20	7.68	84.00
06	19.68	12.80	55.04	33.50	7.00	7.68	84.50
07	22.96	12.80	55.04	33.50	7.00	7.66	84.00
08	26.24	12.80	55.04	33.60	6.80	7.66	84.00
09	29.52	12.90	55.22	33.60	6.80	7.66	84.50
10	32.80	12.80	55.04	33.60	6.40	7.66	85.00
11	36.08	12.70	54.86	33.60	6.40	7.66	85.00
12	39.36	12.40	54.32	33.70	6.60	7.64	85.50
13	42.64	12.40	54.32	33.70	6.60	7.63	83.00
14	45.92	12.50	54.50	33.70	6.50	7.62	80.00
15	49.20	12.50	54.50	33.70	6.60	7.68	74.00

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O2 PPM	PH	TURBIDITY %
00	0.0	14.00	57.20	33.30	6.60	8.00	89.00
01	3.28	13.90	57.02	33.40	6.20	8.00	90.40
02	6.56	13.90	57.02	33.40	6.10	8.00	90.50
03	9.84	13.90	57.02	33.40	6.30	8.00	90.50
04	13.12	13.30	56.94	33.40	6.20	8.00	90.00
05	16.40	13.40	56.12	33.40	6.60	8.00	90.00
06	19.68	13.60	56.48	33.40	6.30	8.00	90.00
07	22.96	13.70	56.66	33.50	6.40	8.00	89.50
08	26.24	13.50	56.30	33.50	6.50	8.00	89.00
09	29.52	13.40	56.12	33.50	6.50	8.00	88.50
10	32.80	13.30	55.94	33.50	6.40	8.00	87.00
11	36.08	13.20	55.76	33.50	6.70	8.00	86.00
12	39.36	13.10	55.58	33.50	6.30	8.00	89.00
13	42.64	13.10	55.58	33.50	7.00	8.00	81.00

MISSING DATA VALUE IS -1.00

DATE: MARCH 1974

STATION: D1 500 YDS SE END OF PIER J

DATE: JUNE 1974

STATION: D1 500 YDS SE END OF PIER J

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY ‰	D.O2 PPM	PH	TURBIDITY %
		C	F				
00	0.0	14.70	58.46	33.15	7.40	7.00	-1.00
01	3.28	14.50	58.10	33.15	7.40	7.50	-1.00
02	6.56	14.50	58.10	33.20	7.40	7.50	-1.00
03	9.84	14.40	57.92	33.25	7.70	7.61	-1.00
04	13.12	14.20	57.56	33.40	7.30	7.57	-1.00
05	16.40	14.10	57.38	33.45	7.10	7.55	-1.00
06	19.68	14.10	57.38	33.45	7.50	7.60	-1.00
07	22.96	14.00	57.20	33.45	7.80	7.63	-1.00
08	26.24	13.90	57.02	33.50	7.80	7.63	-1.00
09	29.52	13.90	57.02	33.50	7.70	7.63	-1.00
10	32.80	13.90	57.02	33.50	7.70	7.63	-1.00
11	36.08	13.80	56.84	33.50	7.50	7.62	-1.00
12	39.36	13.50	56.30	33.60	7.10	7.56	-1.00
13	42.64	13.50	56.30	33.50	6.80	7.55	-1.00

DATE: APRIL 1974

STATION: D1 500 YDS SE END OF PIER J

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY ‰	D.O2 PPM	PH	TURBIDITY %
		C	F				
00	0.0	15.00	59.00	33.45	9.20	-1.00	80.50
01	3.28	15.00	59.00	33.45	9.40	-1.00	81.00
02	6.56	15.00	59.00	33.45	9.10	-1.00	81.00
03	9.84	14.70	58.46	34.55	7.40	-1.00	80.50
04	13.12	14.60	58.28	33.85	7.20	-1.00	80.00
05	16.40	14.60	58.28	33.85	7.20	-1.00	79.00
06	19.68	14.60	58.28	33.70	7.10	-1.00	78.00
07	22.96	14.60	58.28	33.65	6.90	-1.00	77.00
08	26.24	14.50	58.10	33.75	6.80	-1.00	72.00
09	29.52	14.50	58.10	33.80	6.70	-1.00	73.50
10	32.80	14.40	57.92	33.85	6.60	-1.00	76.00
11	36.08	14.30	57.74	33.80	6.40	-1.00	68.00
12	39.36	14.30	57.74	33.70	6.60	-1.00	57.00
13	42.64	14.30	57.74	33.65	6.60	-1.00	35.00

DATE: MAY 1974

STATION: D1 500 YDS SE END OF PIER J

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY ‰	D.O2 PPM	PH	TURBIDITY %
		C	F				
00	0.0	17.20	62.96	-1.00	9.30	-1.00	69.00
01	3.28	17.10	62.78	-1.00	9.50	-1.00	74.00
02	6.56	16.50	61.70	-1.00	9.00	-1.00	78.00
03	9.84	16.50	61.70	-1.00	9.20	-1.00	79.50
04	13.12	16.30	61.34	-1.00	9.40	-1.00	80.00
05	16.40	16.20	61.16	-1.00	9.50	-1.00	81.00
06	19.68	16.20	61.16	-1.00	9.60	-1.00	82.00
07	22.96	15.90	60.62	-1.00	9.80	-1.00	83.00
08	26.24	15.90	60.62	-1.00	9.90	-1.00	83.50
09	29.52	15.90	60.62	-1.00	9.90	-1.00	83.00
10	32.80	15.80	60.44	-1.00	9.50	-1.00	83.00
11	36.08	15.30	59.54	-1.00	9.30	-1.00	82.50
12	39.36	15.20	59.36	-1.00	8.90	-1.00	76.00
13	42.64	13.90	57.02	-1.00	2.40	-1.00	-1.00

MISSING DATA VALUE IS -1.0

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY ‰	D.O2 PPM	PH	TURBIDITY %
		C	F				
00	0.0	13.70	65.66	29.00	7.50	8.19	64.00
01	3.28	14.30	64.94	29.20	7.50	8.11	64.00
02	6.56	16.60	61.98	29.40	4.90	7.93	66.00
03	9.84	16.20	61.16	29.60	5.40	7.89	67.50
04	13.12	14.80	58.64	29.70	2.40	7.75	69.50
05	16.40	14.00	57.20	29.90	1.60	7.70	70.50
06	19.68	13.50	56.30	30.00	1.10	7.68	73.00
07	22.96	12.60	54.68	30.00	0.0	7.56	79.00

DATE: JULY 1974

STATION: D1 500 YDS SE END OF PIER J

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY ‰	D.O2 PPM	PH	TURBIDITY %
		C	F				
00	0.0	22.90	73.02	32.10	-1.00	-1.00	50.00
01	3.28	22.50	72.50	32.20	-1.00	-1.00	71.00
02	6.56	22.30	72.14	32.50	-1.00	-1.00	73.00
03	9.84	21.70	71.06	32.20	-1.00	-1.00	76.00
04	13.12	21.20	70.16	32.50	-1.00	-1.00	77.50
05	16.40	20.30	68.54	32.50	-1.00	-1.00	80.00
06	19.68	20.00	68.00	32.60	-1.00	-1.00	80.00
07	22.96	19.10	66.58	32.70	-1.00	-1.00	80.00
08	26.24	19.30	66.74	33.10	-1.00	-1.00	76.50
09	29.52	18.20	64.76	33.20	-1.00	-1.00	78.00
10	32.80	17.50	63.50	33.10	-1.00	-1.00	76.00
11	36.08	15.00	59.00	33.30	-1.00	-1.00	73.50
12	39.36	14.30	57.74	33.20	-1.00	-1.00	71.50
13	42.64	14.10	57.38	33.30	-1.00	-1.00	32.00
14	45.92	14.00	57.20	33.70	-1.00	-1.00	-1.00

DATE: AUGUST 1974

STATION: D1 500 YDS SE END OF PIER J

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY ‰	D.O2 PPM	PH	TURBIDITY %
		C	F				
00	0.0	19.10	66.38	32.30	9.90	-1.00	72.00
01	3.28	19.10	66.38	32.10	7.80	-1.00	68.00
02	6.56	18.10	64.58	32.40	6.80	-1.00	69.00
03	9.84	17.30	63.14	32.40	7.00	-1.00	70.00
04	13.12	16.60	62.24	32.30	6.00	-1.00	71.00
05	16.40	16.20	61.16	32.50	6.40	-1.00	81.50
06	19.68	16.00	60.80	32.50	6.90	-1.00	82.50
07	22.96	15.80	60.44	32.40	7.40	-1.00	83.50
08	26.24	15.50	59.90	32.60	7.50	-1.00	86.00
09	29.52	15.30	59.54	32.40	7.40	-1.00	82.50
10	32.80	15.20	59.36	33.40	7.20	-1.00	82.00
11	36.08	15.00	59.00	33.50	6.70	-1.00	78.00
12	39.36	15.00	59.00	33.50	6.40	-1.00	77.50
13	42.64	14.90	58.82	33.60	6.40	-1.00	76.50
14	45.92	14.50	58.10	32.80	6.50	-1.00	76.50
15	49.20	13.90	57.02	32.70	5.30	-1.00	-1.00

MISSING DATA VALUE IS -1.0

DATE: SEPTEMBER 1974

STATION: 01 500 YDS SE END OF PIER J

DEPTH METERS	FEET	TEMPERATURE		SALINITY P/1000	D.O.2 PPM	PH	TURBIDITY %
		C	F				
00	0.0	19.90	67.82	33.30	9.80	-1.00	70.00
01	3.28	19.80	67.64	33.30	10.00	-1.00	69.50
02	6.56	19.80	67.64	33.30	9.80	-1.00	74.00
03	9.84	19.80	67.64	33.50	8.80	-1.00	73.50
04	13.12	19.20	66.56	33.40	7.80	-1.00	71.50
05	16.40	19.00	66.20	33.40	7.30	-1.00	73.00
06	19.68	18.40	65.12	33.80	6.60	-1.00	77.00
07	22.96	18.00	64.40	33.80	6.50	-1.00	76.00
08	26.24	17.80	64.04	34.00	3.80	-1.00	71.00
09	29.52	17.60	63.68	33.80	3.20	-1.00	70.00
10	32.80	16.80	61.98	33.80	2.60	-1.00	71.50
11	36.08	16.40	61.52	33.80	3.60	-1.00	75.50
12	39.36	16.20	61.16	33.50	3.80	-1.00	70.00
13	42.64	16.00	60.80	33.60	3.60	-1.00	70.50
14	45.92	15.60	60.08	33.80	3.60	-1.00	57.00

DATE: OCTOBER 1974

STATION: 01 500 YDS SE END OF PIER J

DEPTH METERS	FEET	TEMPERATURE		SALINITY P/1000	D.O.2 PPM	PH	TURBIDITY %
		C	F				
00	0.0	15.60	60.08	33.20	8.90	8.16	73.50
01	3.28	15.40	59.72	33.20	8.90	8.16	74.00
02	6.56	15.40	59.72	33.20	8.90	8.16	74.00
03	9.84	15.30	59.54	33.25	8.80	8.16	74.00
04	13.12	15.20	59.36	33.25	8.70	8.16	74.50
05	16.40	15.20	59.36	33.15	9.10	8.16	75.00
06	19.68	15.20	59.36	33.15	9.10	8.16	75.50
07	22.96	15.20	59.36	33.15	9.00	8.15	77.50
08	26.24	15.20	59.36	33.15	8.40	8.11	76.80
09	29.52	15.10	59.18	33.45	8.10	8.10	79.00
10	32.80	14.50	58.10	34.00	8.30	8.10	77.50
11	36.08	13.70	56.66	33.80	8.50	8.10	77.50
12	39.36	13.50	56.30	33.85	8.50	8.10	76.50
13	42.64	13.10	55.58	33.85	8.30	8.07	72.00
14	45.92	13.10	55.58	33.75	8.10	8.05	67.00

MISSING DATA VALUE IS -1.0

DATE: NOVEMBER 1974

STATION: 01 500 YDS SE END OF PIER J

DEPTH METERS	FEET	TEMPERATURE		SALINITY P/1000	D.O.2 PPM	PH	TURBIDITY %
		C	F				
00	0.0	14.60	58.28	33.30	9.10	8.52	-1.00
01	3.28	14.60	58.28	33.50	9.20	8.52	-1.00
02	6.56	14.60	58.28	33.50	9.10	8.52	-1.00
03	9.84	14.60	58.28	33.60	9.10	8.52	-1.00
04	13.12	14.60	58.28	33.60	9.00	8.52	-1.00
05	16.40	14.70	58.46	33.60	8.80	8.52	-1.00
06	19.68	14.70	58.46	33.60	8.90	8.52	-1.00
07	22.96	14.70	58.46	33.70	8.80	8.52	-1.00
08	26.24	14.70	58.46	33.70	8.90	8.52	-1.00
09	29.52	14.70	58.46	33.70	9.00	8.52	-1.00
10	32.80	14.70	58.46	33.70	8.80	8.52	-1.00
11	36.08	14.70	58.46	33.70	8.90	8.52	-1.00
12	39.36	14.70	58.46	33.70	8.80	8.52	-1.00
13	42.64	14.60	58.28	33.80	8.20	8.48	-1.00
14	45.92	14.50	58.10	33.80	7.80	8.48	-1.00
15	49.20	14.40	57.92	33.80	7.50	8.47	-1.00

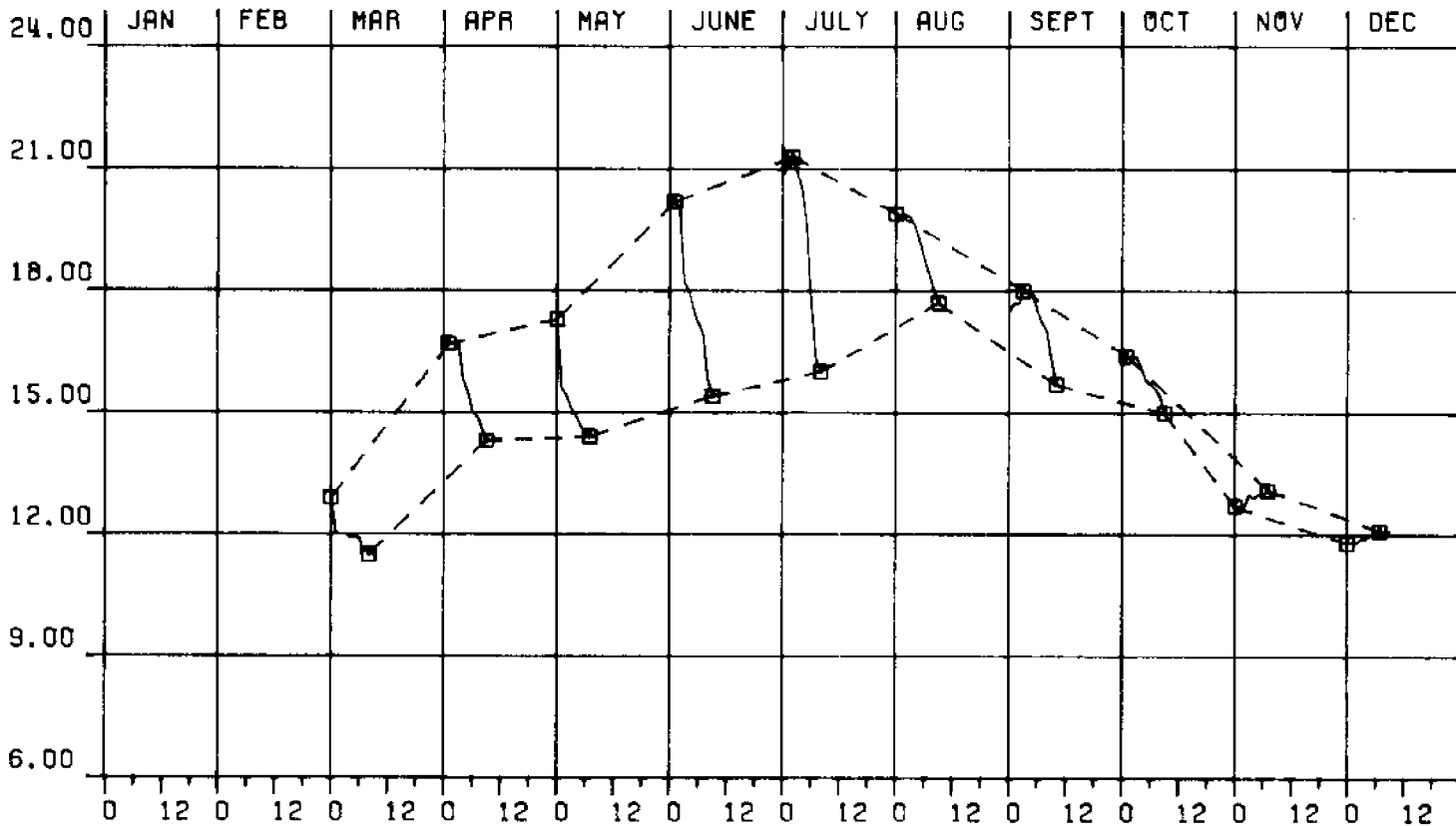
DATE: DECEMBER 1974

STATION: 01 500 YDS SE END OF PIER J

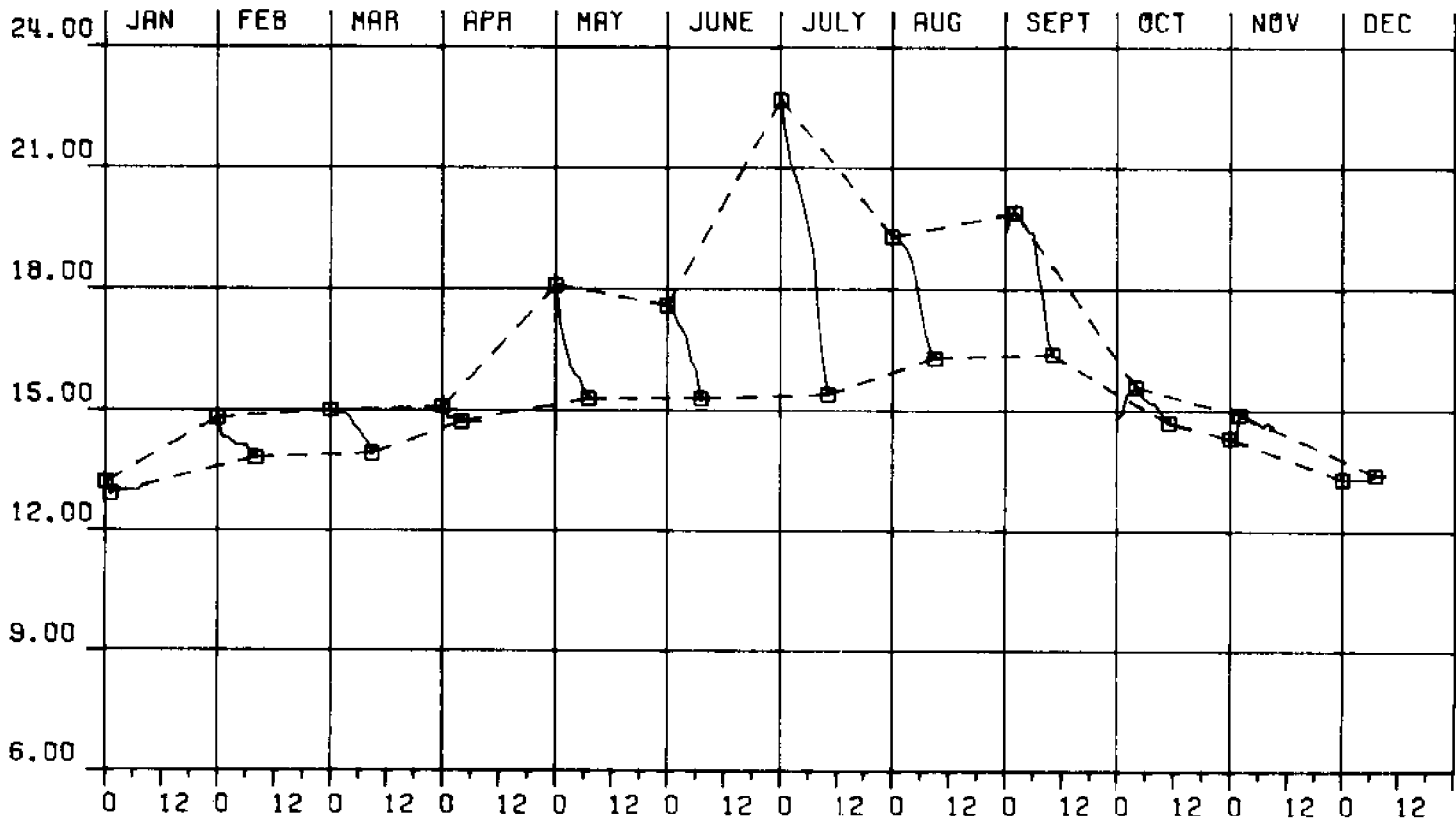
DEPTH METERS	FEET	TEMPERATURE		SALINITY P/1000	D.O.2 PPM	PH	TURBIDITY %
		C	F				
00	0.0	13.50	56.30	33.50	7.10	8.36	92.00
01	3.28	13.50	56.30	33.60	7.20	8.36	91.00
02	6.56	13.60	56.48	33.60	7.40	8.37	94.00
03	9.84	13.60	56.48	33.60	7.40	8.37	94.50
04	13.12	13.60	56.48	33.60	7.20	8.38	95.00
05	16.40	13.60	56.48	33.60	7.30	8.38	96.00
06	19.68	13.60	56.48	33.60	7.30	8.39	96.50
07	22.96	13.60	56.48	33.60	7.30	8.39	95.00
08	26.24	13.60	56.48	33.70	7.30	8.40	95.00
09	29.52	13.60	56.48	33.70	7.20	8.40	95.50
10	32.80	13.60	56.48	33.70	7.20	8.40	96.00
11	36.08	13.60	56.48	33.70	7.10	8.42	94.50
12	39.36	13.60	56.48	33.70	7.10	8.41	92.00
13	42.64	13.60	56.48	33.70	7.10	8.40	90.00

MISSING DATA VALUE IS -1.0

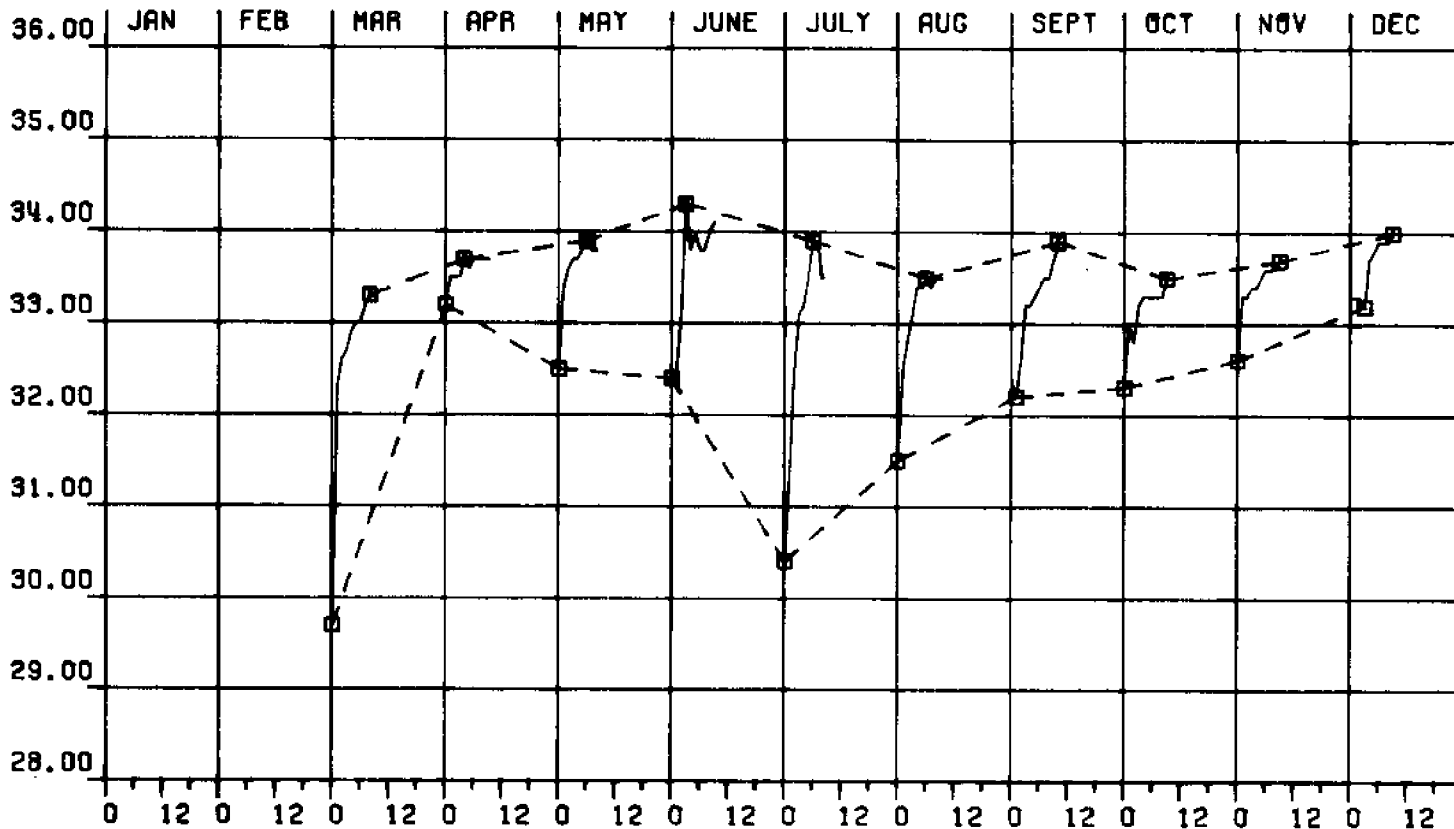
D2 500 YRDS NW OF QUEEN MARY  
 DATE: 1973  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. TEMPERATURE CELSIUS



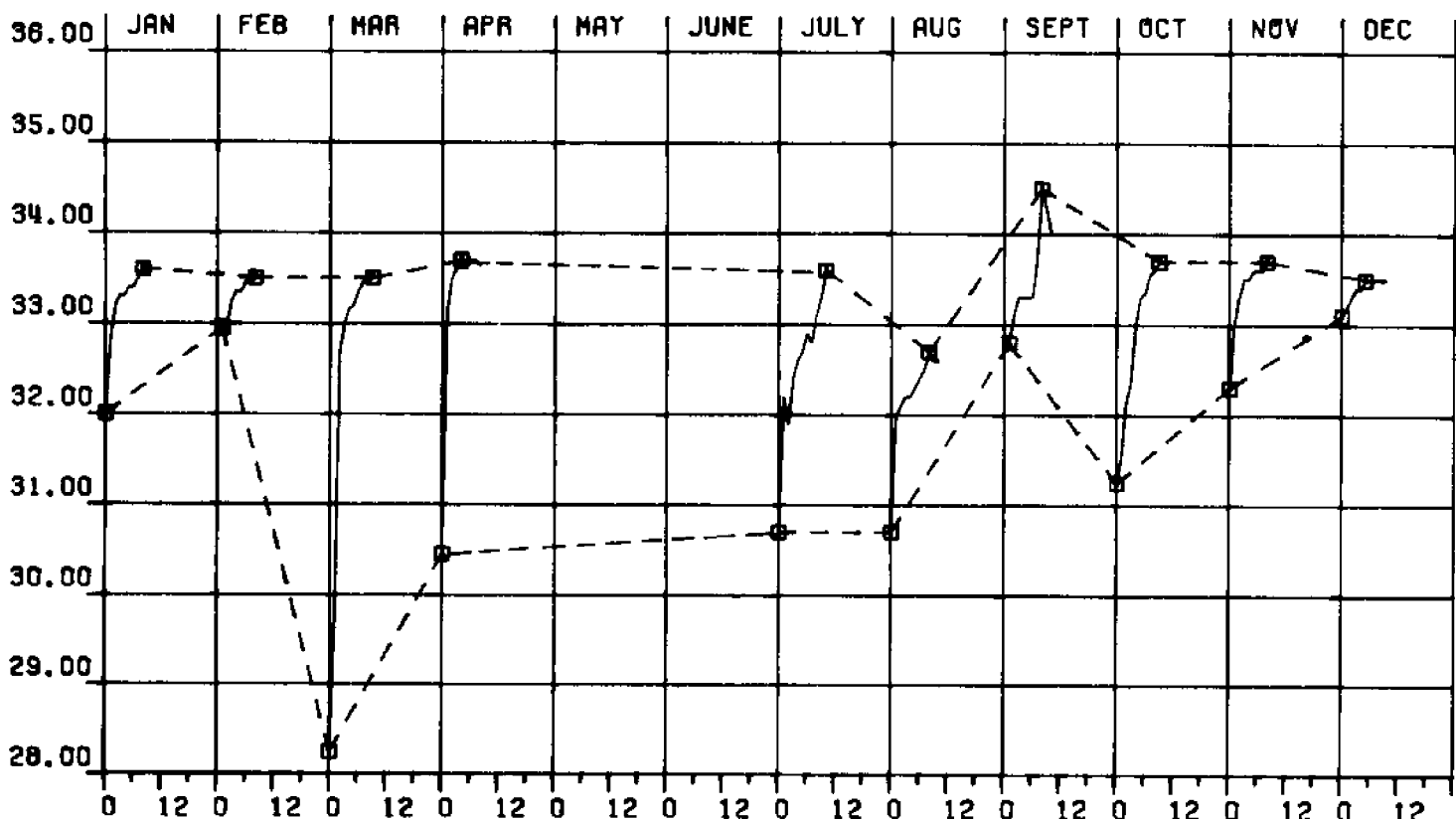
D2 500 YRDS NW OF QUEEN MARY  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. TEMPERATURE CELSIUS



D2 500 YARDS NW OF QUEEN MARY  
 DATE: 1973  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. SALINITY PPT

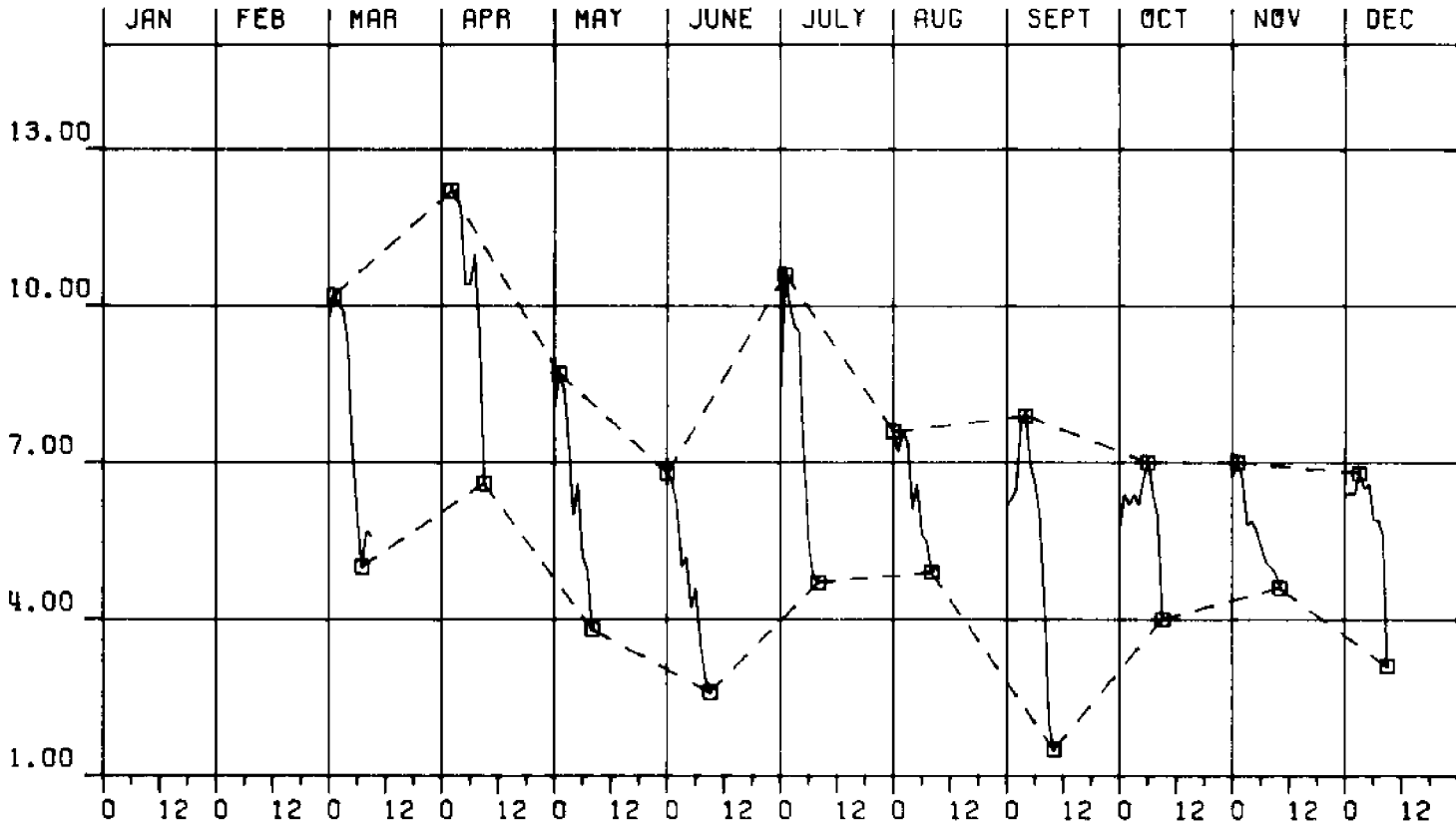


D2 500 YARDS NW OF QUEEN MARY  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. SALINITY PPT

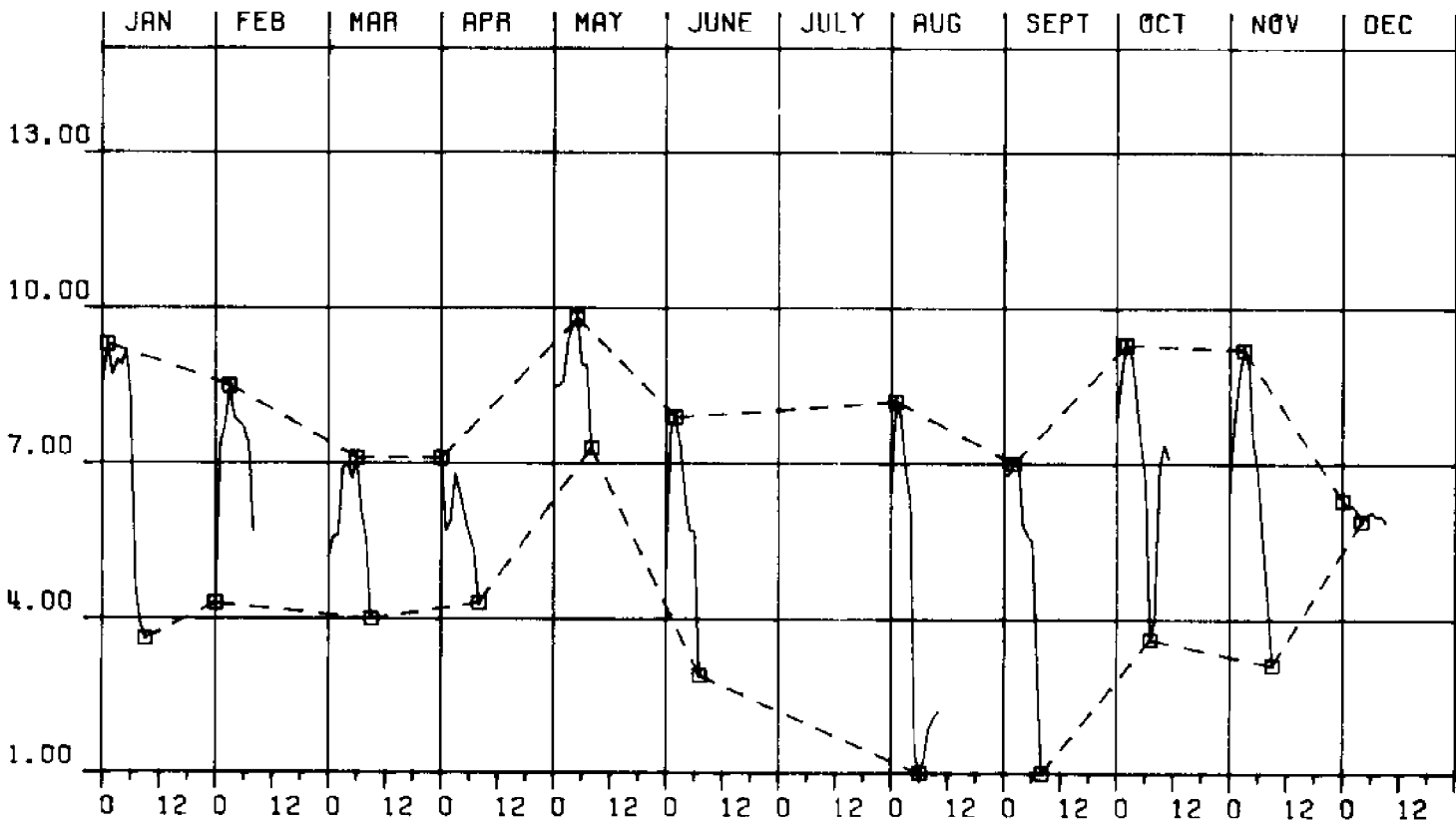




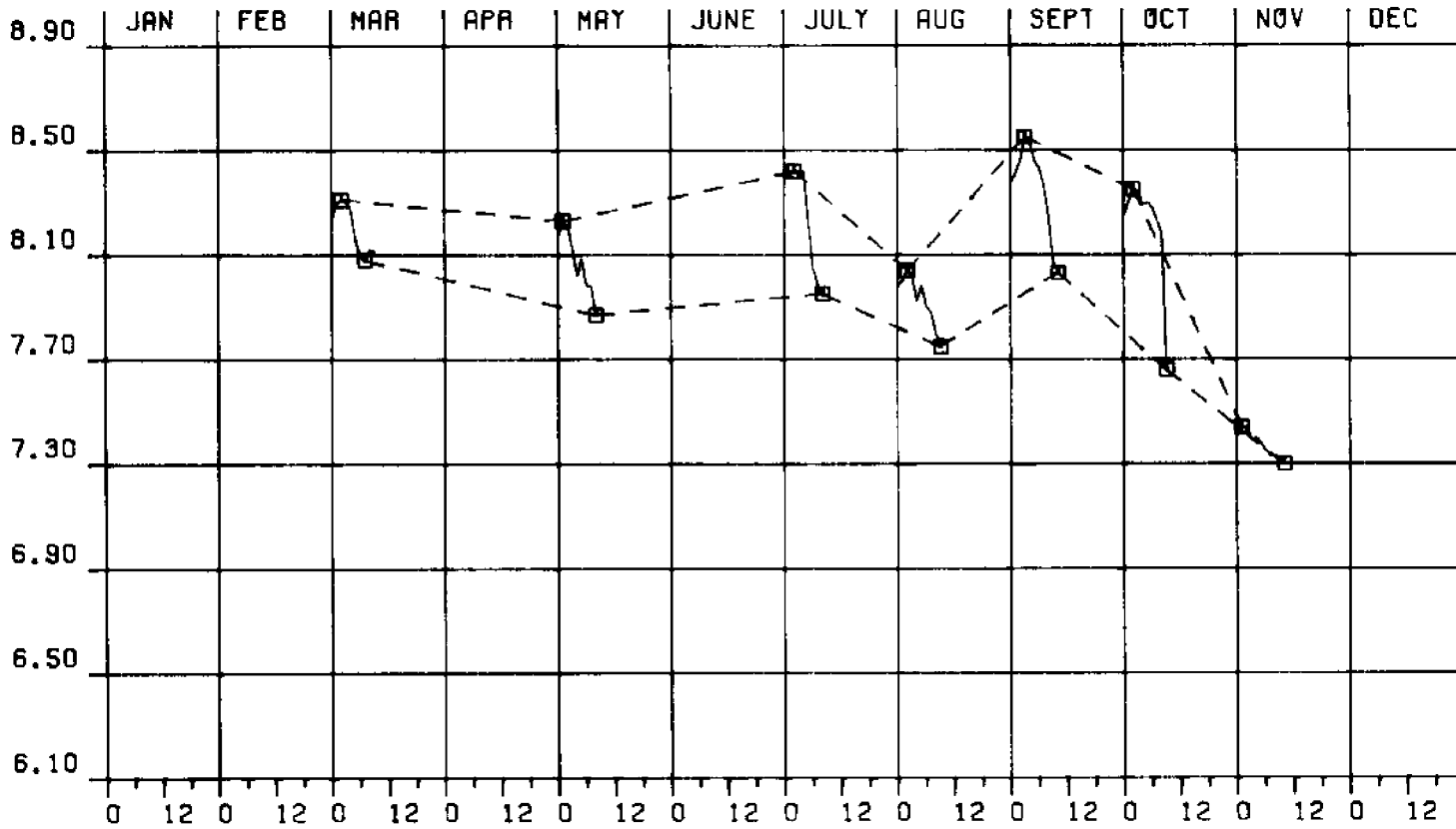
O2 500 YARDS NW OF QUEEN MARY  
 DATE: 1973  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. DISSOLVED OXYGEN PPM



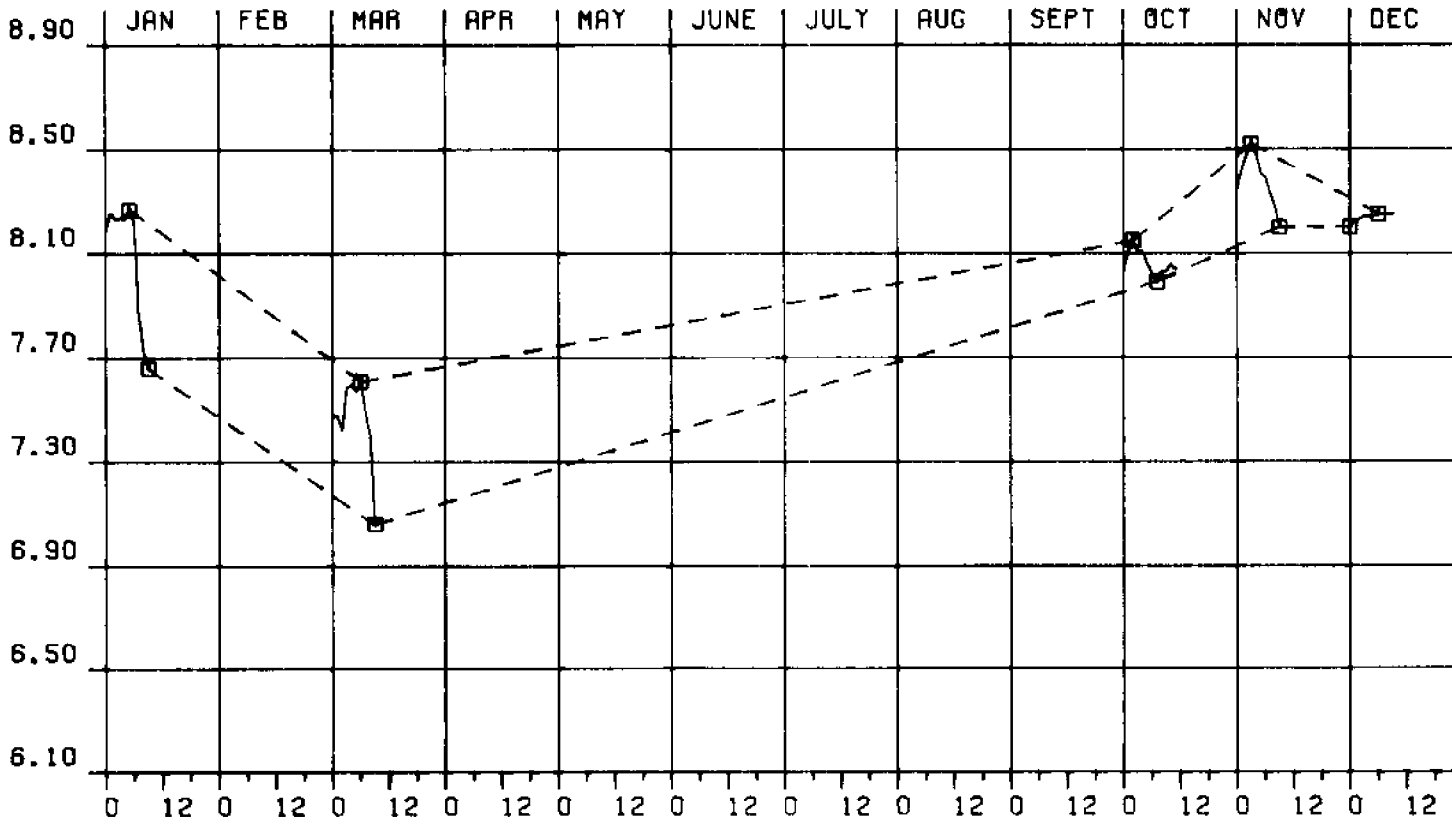
O2 500 YARDS NW OF QUEEN MARY  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. DISSOLVED OXYGEN PPM



D2 500 YARDS NW OF QUEEN MARY  
 DATE: 1973  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. PH H ION CONC



D2 500 YARDS NW OF QUEEN MARY  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. PH H ION CONC



DATE: MARCH 1973  
STATION: D2 500 YRDS NW OF QUEEN MARY

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	12.90	55.22	29.70	9.90	8.24	-1.00
01	3.28	12.00	53.60	32.30	10.20	8.30	-1.00
02	6.56	12.00	53.60	32.60	10.00	8.31	-1.00
03	9.84	12.00	53.60	32.70	9.90	8.30	-1.00
04	13.12	11.90	53.42	32.90	9.20	8.27	-1.00
05	16.40	11.90	53.42	33.00	7.30	8.16	-1.00
06	19.68	11.90	53.42	33.00	6.00	8.09	-1.00
07	22.96	11.60	52.88	33.20	5.00	8.08	-1.00
08	26.24	11.50	52.70	33.30	5.70	8.12	-1.00
09	29.52	11.50	52.70	33.30	5.60	8.11	-1.00

DATE: APRIL 1973  
STATION: D2 500 YRDS NW OF QUEEN MARY

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	16.60	61.88	33.20	12.10	-1.00	-1.00
01	3.28	16.70	62.06	33.50	12.10	-1.00	-1.00
02	6.56	16.70	62.06	33.50	12.20	-1.00	-1.00
03	9.84	16.70	62.06	33.50	12.20	-1.00	-1.00
04	13.12	15.80	60.44	33.70	11.80	-1.00	-1.00
05	16.40	15.50	59.90	33.60	10.40	-1.00	-1.00
06	19.68	15.00	59.00	33.70	10.40	-1.00	-1.00
07	22.96	14.90	58.82	33.70	11.00	-1.00	-1.00
08	26.24	14.60	58.28	33.70	9.40	-1.00	-1.00
09	29.52	14.30	57.74	33.70	8.60	-1.00	-1.00

DATE: MAY 1973  
STATION: D2 500 YRDS NW OF QUEEN MARY

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	17.30	63.14	32.50	8.10	8.18	-1.00
01	3.28	15.60	60.08	33.40	8.78	8.23	-1.00
02	6.56	15.40	59.72	33.60	8.40	8.20	-1.00
03	9.84	15.10	59.18	33.70	7.30	8.12	-1.00
04	13.12	14.90	58.82	33.70	6.00	8.02	-1.00
05	16.40	14.70	58.46	33.80	6.60	8.09	-1.00
06	19.68	14.50	58.10	33.90	5.20	7.98	-1.00
07	22.96	14.40	57.92	33.80	4.90	7.98	-1.00
08	26.24	14.40	57.92	33.80	3.80	7.87	-1.00

DATE: JUNE 1973  
STATION: D2 500 YRDS NW OF QUEEN MARY

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	20.10	68.18	32.40	6.80	-1.00	88.00
01	3.28	20.20	68.36	32.40	6.60	-1.00	88.00
02	6.56	20.00	68.00	33.10	6.20	-1.00	92.00
03	9.84	18.20	64.76	34.30	5.00	-1.00	80.00
04	13.12	18.00	64.40	33.80	5.20	-1.00	80.00
05	16.40	17.50	63.50	34.00	4.20	-1.00	80.00
06	19.68	17.20	62.96	33.80	4.60	-1.00	91.00
07	22.96	16.90	62.42	33.80	3.50	-1.00	86.00
08	26.24	15.80	60.44	34.00	2.90	-1.00	87.00
09	29.52	15.40	59.72	34.10	2.60	-1.00	89.00

DATE: JULY 1973  
STATION: D2 500 YRDS NW OF QUEEN MARY

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	20.90	69.62	30.40	8.20	8.40	-1.00
01	3.28	21.10	69.98	31.30	10.00	8.41	-1.00
02	6.56	21.30	70.34	32.50	10.00	8.42	-1.00
03	9.84	20.90	69.62	33.10	9.60	8.42	-1.00
04	13.12	20.50	68.90	33.20	9.50	8.42	-1.00
05	16.40	19.60	67.28	33.80	7.20	8.23	-1.00
06	19.68	17.80	64.04	33.90	5.50	8.05	-1.00
07	22.96	16.30	61.34	33.90	4.80	7.98	-1.00
08	26.24	16.00	60.80	33.50	4.70	7.95	-1.00

DATE: AUGUST 1973  
STATION: D2 500 YRDS NW OF QUEEN MARY

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	19.90	67.82	31.50	7.60	7.98	-1.00
01	3.28	19.80	67.64	32.50	7.20	8.00	-1.00
02	6.56	19.90	67.82	32.80	7.60	8.04	-1.00
03	9.84	19.80	67.64	33.10	7.40	8.02	-1.00
04	13.12	19.60	67.28	33.40	6.10	7.92	-1.00
05	16.40	19.20	66.56	33.40	6.60	7.98	-1.00
06	19.68	18.60	65.48	33.50	5.60	7.90	-1.00
07	22.96	18.40	65.12	33.40	5.50	7.88	-1.00
08	26.24	18.00	64.40	33.50	4.90	7.80	-1.00
09	29.52	17.70	63.86	33.50	5.00	7.75	-1.00

DATE: SEPTEMBER 1973  
STATION: D2 500 YRDS NW OF QUEEN MARY

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	17.90	63.50	32.40	6.20	8.38	50.00
01	3.28	17.70	63.86	32.20	6.30	8.41	58.50
02	6.56	17.70	63.86	32.60	6.50	8.46	64.00
03	9.84	16.00	60.80	33.20	7.80	8.55	71.50
04	13.12	16.00	60.80	33.20	7.90	8.53	74.50
05	16.40	17.90	64.22	33.30	7.00	8.46	73.50
06	19.68	17.50	63.50	33.40	6.60	8.43	74.00
07	22.96	17.20	62.96	33.50	6.00	8.37	71.00
08	26.24	17.00	62.60	33.50	4.30	8.24	72.00
09	29.52	16.30	61.34	33.70	2.00	8.07	75.00
10	32.80	15.70	60.26	33.90	1.50	8.03	66.00

DATE: OCTOBER 1973  
STATION: D2 500 YRDS NW OF QUEEN MARY

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	16.20	61.16	32.30	5.60	8.26	81.00
01	3.28	16.40	61.52	33.00	6.40	8.30	78.00
02	6.56	16.40	61.52	32.80	6.20	8.35	80.00
03	9.84	16.40	61.52	33.20	6.40	8.34	80.00
04	13.12	16.10	60.98	33.30	6.20	8.29	79.50
05	16.40	15.80	60.44	33.30	6.70	8.30	76.50
06	19.68	15.70	60.26	33.30	7.00	8.28	76.00
07	22.96	15.60	60.08	33.30	6.40	8.23	77.00
08	26.24	15.40	59.72	33.30	6.00	8.18	78.50
09	29.52	15.00	59.00	33.50	4.60	7.65	74.00

DATE: NOVEMBER 1973

STATION: 02 500 YRDS NW OF QUEEN MARY

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PCT/000	D.O2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	12.70	54.86	32.60	6.80	7.41	80.00
01	3.28	12.70	54.86	32.30	7.00	7.44	80.00
02	6.56	12.70	54.86	32.10	6.70	7.44	80.00
03	9.84	12.60	54.68	32.00	5.80	7.39	78.00
04	13.12	12.50	54.52	32.00	5.90	7.46	79.00
05	16.40	12.50	54.50	32.50	5.70	7.34	78.00
06	19.68	12.00	53.60	32.70	5.40	7.15	77.00
07	22.96	12.10	53.78	32.60	5.10	7.23	76.50
08	26.24	12.00	53.60	32.60	5.00	7.33	67.50
09	29.52	12.00	53.60	32.70	4.90	7.32	58.00
10	32.80	12.00	53.60	32.70	4.90	7.30	-1.00

DATE: DECEMBER 1973

STATION: 02 500 YRDS NW OF QUEEN MARY

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PCT/000	D.O2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	11.80	53.24	32.70	6.40	-1.00	70.00
01	3.28	11.80	53.24	32.30	6.40	-1.00	70.00
02	6.56	11.80	53.24	32.30	6.40	-1.00	74.50
03	9.84	11.90	53.42	32.20	6.80	-1.00	75.00
04	13.12	11.90	53.42	32.70	6.50	-1.00	76.00
05	16.40	12.00	53.60	32.80	6.60	-1.00	77.50
06	19.68	12.00	53.60	32.90	5.70	-1.00	78.00
07	22.96	12.10	53.78	32.90	5.70	-1.00	76.00
08	26.24	12.10	53.78	32.90	5.60	-1.00	57.50
09	29.52	12.10	53.78	32.90	5.10	-1.00	55.00

DATE: JANUARY 1974

STATION: 02 500 YRDS NW OF QUEEN MARY

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PCT/000	D.O2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	13.20	55.76	32.00	6.60	8.19	51.00
01	3.28	12.90	55.22	32.40	9.30	8.26	79.50
02	6.56	13.10	55.58	32.20	8.70	8.23	84.50
03	9.84	13.00	55.40	32.30	9.00	8.24	84.00
04	13.12	13.00	55.40	32.30	8.90	8.23	76.50
05	16.40	13.00	55.40	32.40	9.20	8.27	77.00
06	19.68	13.00	55.40	32.40	8.20	8.22	76.00
07	22.96	13.00	55.40	32.50	4.60	7.86	74.00
08	26.24	13.10	55.58	32.60	3.90	7.72	56.50
09	29.52	13.10	55.58	32.60	3.40	7.66	42.00

DATE: FEBRUARY 1974

STATION: 02 500 YRDS NW OF QUEEN MARY

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PCT/000	D.O2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	14.90	58.84	27.93	4.30	-1.00	65.70
01	3.28	14.90	58.84	28.95	7.40	-1.00	65.50
02	6.56	14.90	58.84	29.00	7.70	-1.00	64.00
03	9.84	14.80	58.64	31.25	8.50	-1.00	60.50
04	13.12	14.80	58.64	31.35	7.70	-1.00	60.30
05	16.40	14.80	58.64	32.35	7.40	-1.00	60.50
06	19.68	14.80	58.64	32.45	7.70	-1.00	62.00
07	22.96	13.90	57.02	32.45	7.40	-1.00	76.00
08	26.24	13.90	57.02	32.40	5.70	-1.00	-1.00

DATE: MARCH 1974

STATION: 02 500 YRDS NW OF QUEEN MARY

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PCT/000	D.O2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	15.00	59.00	29.25	5.20	7.49	-1.00
01	3.28	14.90	58.82	29.75	5.50	7.48	-1.00
02	6.56	14.90	58.82	32.65	5.60	7.42	-1.00
03	9.84	14.90	58.82	32.00	5.90	7.59	-1.00
04	13.12	14.80	58.64	32.15	7.00	7.60	-1.00
05	16.40	14.60	58.28	32.20	6.70	7.57	-1.00
06	19.68	14.50	58.10	32.35	7.10	7.61	-1.00
07	22.96	14.30	57.74	32.45	6.10	7.49	-1.00
08	26.24	14.20	57.56	32.45	5.50	7.40	-1.00
09	29.52	13.60	57.02	32.50	4.00	7.06	-1.00

DATE: APRIL 1974

STATION: 02 500 YRDS NW OF QUEEN MARY

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PCT/000	D.O2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	15.10	59.18	30.45	7.10	-1.00	56.00
01	3.28	14.90	58.84	32.15	5.70	-1.00	53.50
02	6.56	14.80	58.64	32.50	5.90	-1.00	63.00
03	9.84	14.80	58.64	32.60	6.80	-1.00	71.50
04	13.12	14.70	58.46	32.70	6.40	-1.00	73.00
05	16.40	14.70	58.46	32.70	6.00	-1.00	69.00
06	19.68	14.70	58.46	32.70	5.00	-1.00	63.00
07	22.96	14.70	58.46	32.70	5.30	-1.00	63.00
08	26.24	14.70	58.46	32.65	4.30	-1.00	57.00

DATE: MAY 1974

STATION: 02 500 YRDS NW OF QUEEN MARY

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PCT/000	D.O2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	14.10	57.38	-1.00	8.50	-1.00	63.00
01	3.28	13.10	55.58	-1.00	8.50	-1.00	71.00
02	6.56	12.90	55.22	-1.00	9.60	-1.00	73.50
03	9.84	12.80	55.04	-1.00	9.40	-1.00	72.00
04	13.12	13.00	55.40	-1.00	9.70	-1.00	70.00
05	16.40	13.50	56.30	-1.00	9.80	-1.00	61.50
06	19.68	13.50	56.30	-1.00	8.90	-1.00	56.00
07	22.96	13.30	55.94	-1.00	8.90	-1.00	62.50
08	26.24	13.30	55.94	-1.00	7.30	-1.00	-1.00

DATE: JUNE 1974

STATION: 02 500 YRDS NW OF QUEEN MARY

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PCT/000	D.O2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	17.00	62.60	27.60	5.00	-1.00	52.00
01	3.28	17.50	63.50	24.90	7.70	-1.00	59.00
02	6.56	17.20	62.96	29.50	7.90	-1.00	64.50
03	9.84	17.00	62.60	29.70	7.10	-1.00	64.00
04	13.12	16.80	62.24	29.60	6.40	-1.00	65.00
05	16.40	16.20	61.16	29.70	5.70	-1.00	64.00
06	19.68	16.00	60.80	29.70	5.70	-1.00	61.50
07	22.96	15.30	59.54	29.70	2.90	-1.00	-1.00

\* Possible probe malfunction

MISSING DATA VALUE IS -1.00

DATE: JULY 1974  
STATION: 02 500 YRDS NW OF QUEEN MARY

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PPT	D.O.2 PPM	PH	TURBIDITY %
00	0.0	22.70	72.96	30.70	-1.00	-1.00	80.00
01	3.28	21.80	71.24	32.20	-1.00	-1.00	72.00
02	6.56	21.10	69.98	31.90	-1.00	-1.00	72.50
03	9.84	20.40	68.72	32.40	-1.00	-1.00	75.00
04	13.12	20.40	68.72	32.60	-1.00	-1.00	74.00
05	16.40	20.00	68.00	32.70	-1.00	-1.00	78.50
06	19.68	19.40	66.92	32.90	-1.00	-1.00	80.00
07	22.96	18.90	66.02	32.80	-1.00	-1.00	80.50
08	26.24	17.30	63.14	33.10	-1.00	-1.00	89.00
09	29.52	16.20	61.16	33.30	-1.00	-1.00	86.50
10	32.80	15.40	59.72	33.60	-1.00	-1.00	-1.00

DATE: AUGUST 1974  
STATION: 02 500 YRDS NW OF QUEEN MARY

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PPT	D.O.2 PPM	PH	TURBIDITY %
00	0.0	19.30	66.74	30.70	6.50	-1.00	9.90
01	3.28	19.30	66.74	32.00	6.20	-1.00	56.50
02	6.56	19.10	66.38	32.10	7.90	-1.00	83.00
03	9.84	19.00	66.20	32.20	6.90	-1.00	85.50
04	13.12	18.70	65.66	32.20	6.30	-1.00	85.50
05	16.40	18.20	64.76	32.30	1.40	-1.00	81.00
06	19.68	17.40	63.32	32.40	1.00	-1.00	75.00
07	22.96	16.90	62.42	32.50	1.30	-1.00	74.00
08	26.24	16.60	61.70	32.70	1.90	-1.00	72.50
09	29.52	16.30	61.34	32.80	2.10	-1.00	72.50
10	32.80	16.30	61.34	32.60	2.20	-1.00	-1.00

DATE: SEPTEMBER 1974  
STATION: 02 500 YRDS NW OF QUEEN MARY

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PPT	D.O.2 PPM	PH	TURBIDITY %
00	0.0	19.40	66.92	32.90	6.80	-1.00	45.00
01	3.28	19.80	67.64	32.80	6.90	-1.00	72.50
02	6.56	19.40	67.12	33.10	7.00	-1.00	79.50
03	9.84	19.80	67.64	33.30	7.00	-1.00	79.00
04	13.12	19.60	67.28	33.30	5.80	-1.00	80.00
05	16.40	19.40	66.92	33.30	5.60	-1.00	85.00
06	19.68	19.40	66.92	33.30	5.50	-1.00	85.50
07	22.96	18.40	65.12	33.70	3.30	-1.00	85.00
08	26.24	17.80	64.04	34.50	1.00	-1.00	74.00
09	29.52	16.90	62.42	34.30	0.50	-1.00	57.50
10	32.80	16.40	61.52	34.00	0.20	-1.00	22.00

DATE: OCTOBER 1974  
STATION: 02 500 YRDS NW OF QUEEN MARY

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PPT	D.O.2 PPM	PH	TURBIDITY %
00	0.0	14.80	58.64	31.25	7.90	8.03	64.00
01	3.28	14.40	57.92	31.50	8.60	8.11	73.50
02	6.56	14.40	57.92	32.15	9.30	8.15	76.50
03	9.84	13.90	56.90	32.35	9.10	8.11	78.50
04	13.12	13.60	56.48	33.00	8.40	8.11	80.50
05	16.40	13.40	56.12	33.10	7.40	8.06	79.00
06	19.68	13.30	55.94	33.35	6.70	8.02	77.00
07	22.96	13.20	55.76	33.55	3.60	7.99	74.00
08	26.24	13.20	55.76	33.80	4.00	8.03	76.50
09	29.52	13.00	55.40	33.70	6.90	8.03	64.50
10	32.80	12.80	55.04	33.70	7.40	8.06	53.00
11	36.08	12.70	54.86	33.70	7.10	8.04	-1.00

DATE: NOVEMBER 1974  
STATION: 02 500 YRDS NW OF QUEEN MARY

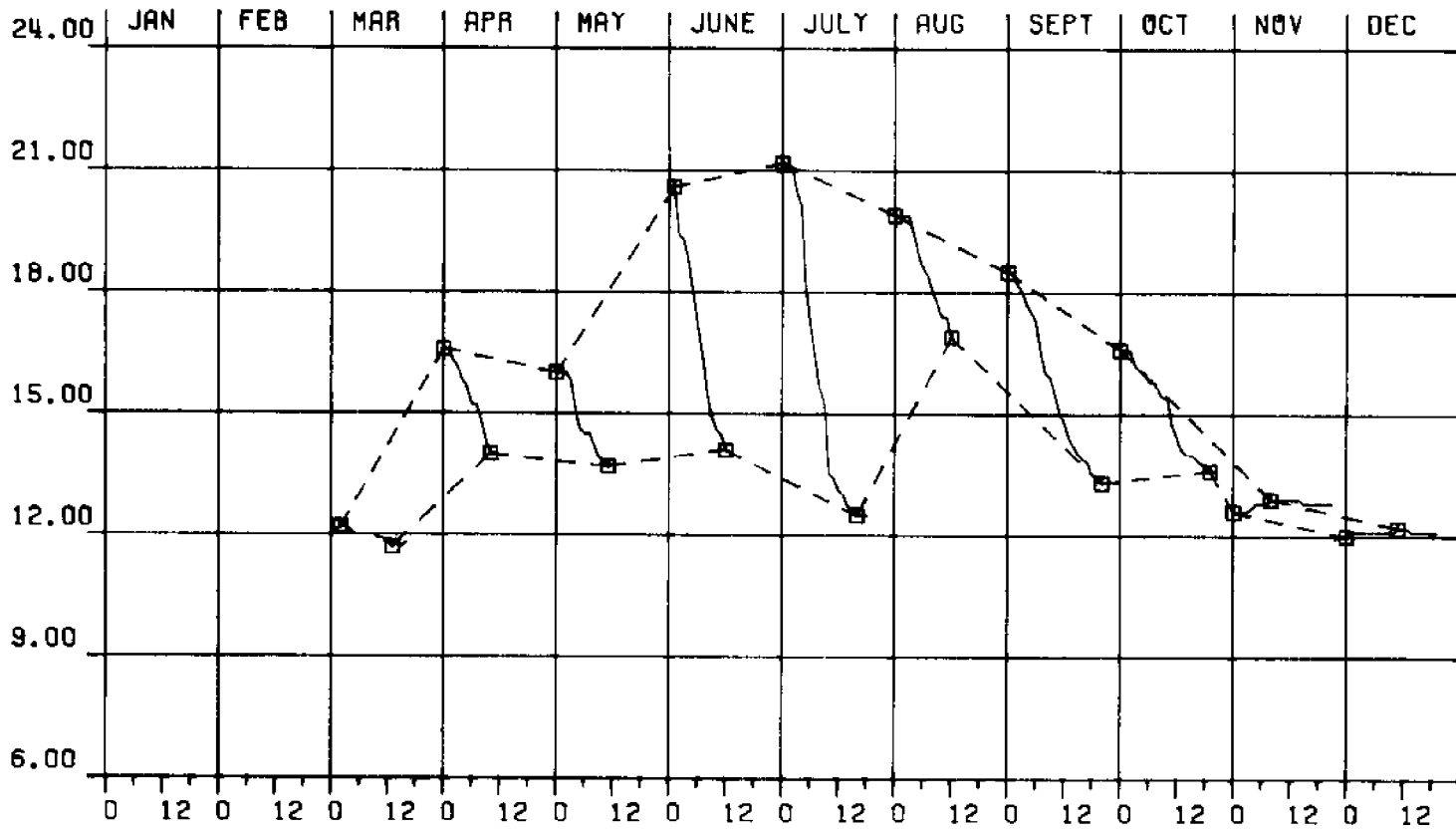
DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PPT	D.O.2 PPM	PH	TURBIDITY %
00	0.0	14.30	57.74	32.30	9.50	8.15	-1.00
01	3.28	14.30	57.74	33.00	7.90	8.42	-1.00
02	6.56	14.90	58.82	33.30	8.70	8.48	-1.00
03	9.84	14.90	58.82	33.50	9.20	8.52	-1.00
04	13.12	14.80	58.64	33.50	8.90	8.48	-1.00
05	16.40	14.70	58.46	33.60	7.40	8.41	-1.00
06	19.68	14.70	58.46	33.60	6.80	8.39	-1.00
07	22.96	14.60	58.28	33.60	5.50	8.33	-1.00
08	26.24	14.70	58.46	33.70	4.40	8.28	-1.00
09	29.52	14.60	58.28	33.70	3.10	8.20	-1.00

DATE: DECEMBER 1974  
STATION: 02 500 YRDS NW OF QUEEN MARY

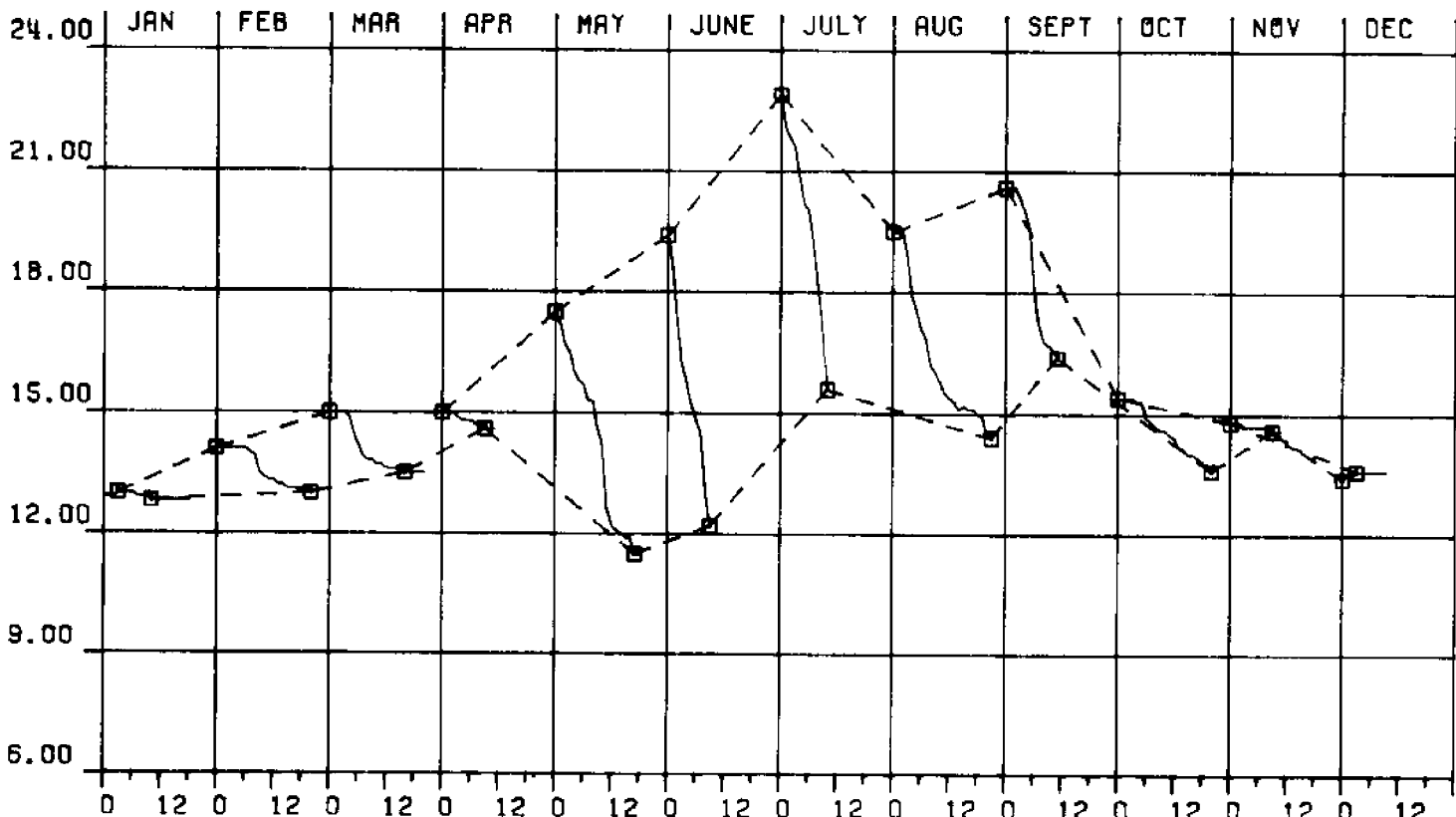
DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PPT	D.O.2 PPM	PH	TURBIDITY %
00	0.0	13.30	55.94	33.10	6.30	8.20	98.00
01	3.28	13.30	55.94	33.20	6.20	8.22	99.00
02	6.56	13.30	55.94	33.30	6.20	8.23	99.90
03	9.84	13.30	55.94	33.40	6.10	8.24	94.90
04	13.12	13.70	56.66	33.40	6.90	8.24	99.50
05	16.40	13.30	55.94	33.50	6.60	8.24	99.50
06	19.68	13.30	55.94	33.50	6.10	8.24	99.00
07	22.96	13.40	56.12	33.50	6.00	8.25	94.50
08	26.24	13.40	56.12	33.50	6.00	8.25	99.00
09	29.52	13.40	56.12	33.50	5.30	8.25	94.00

MISSING DATA VALUE IS -1.00

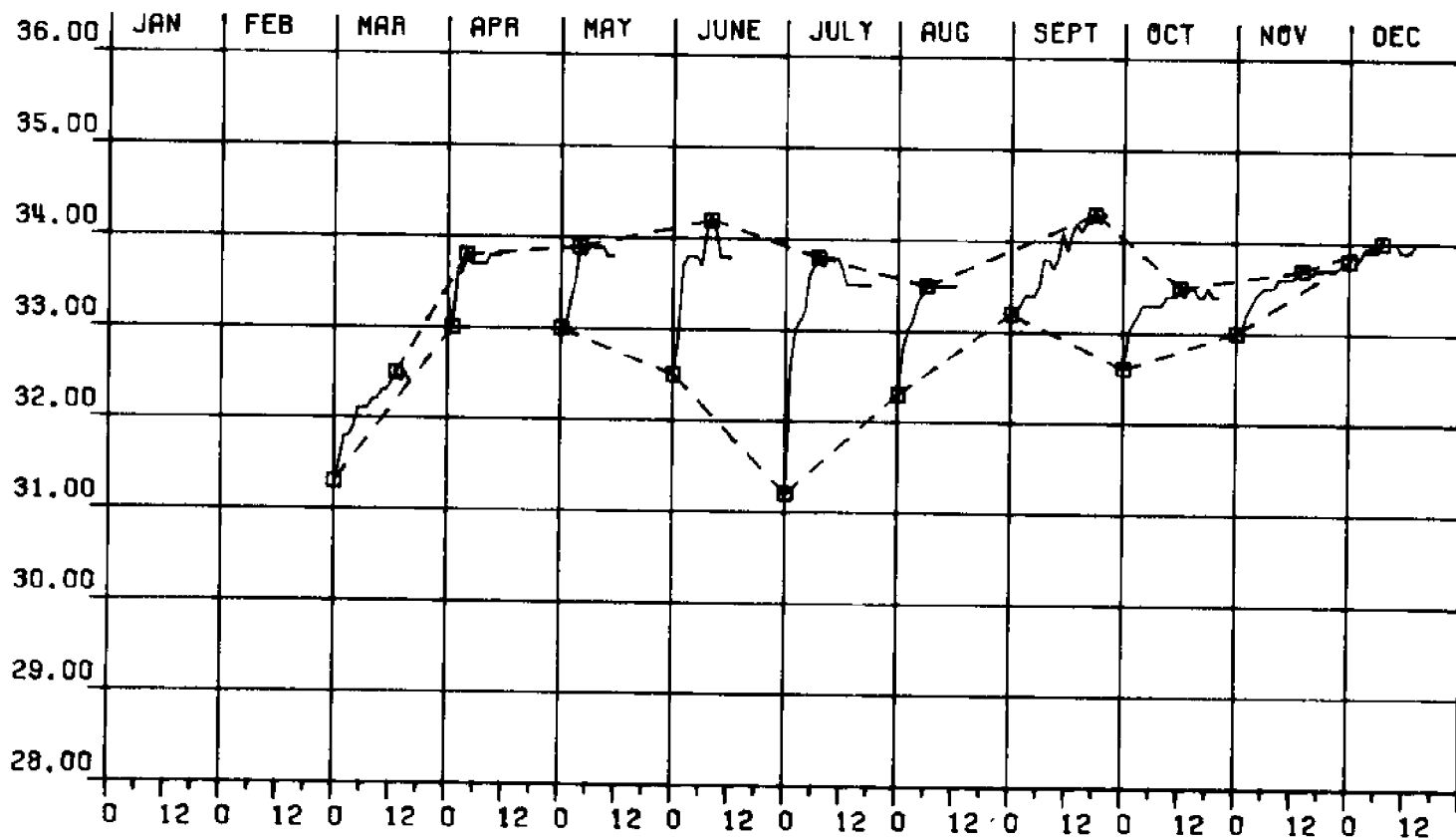
D3 600 YARDS S OF ISLAND GRISSOM  
 DATE: 1973  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. TEMPERATURE CELSIUS



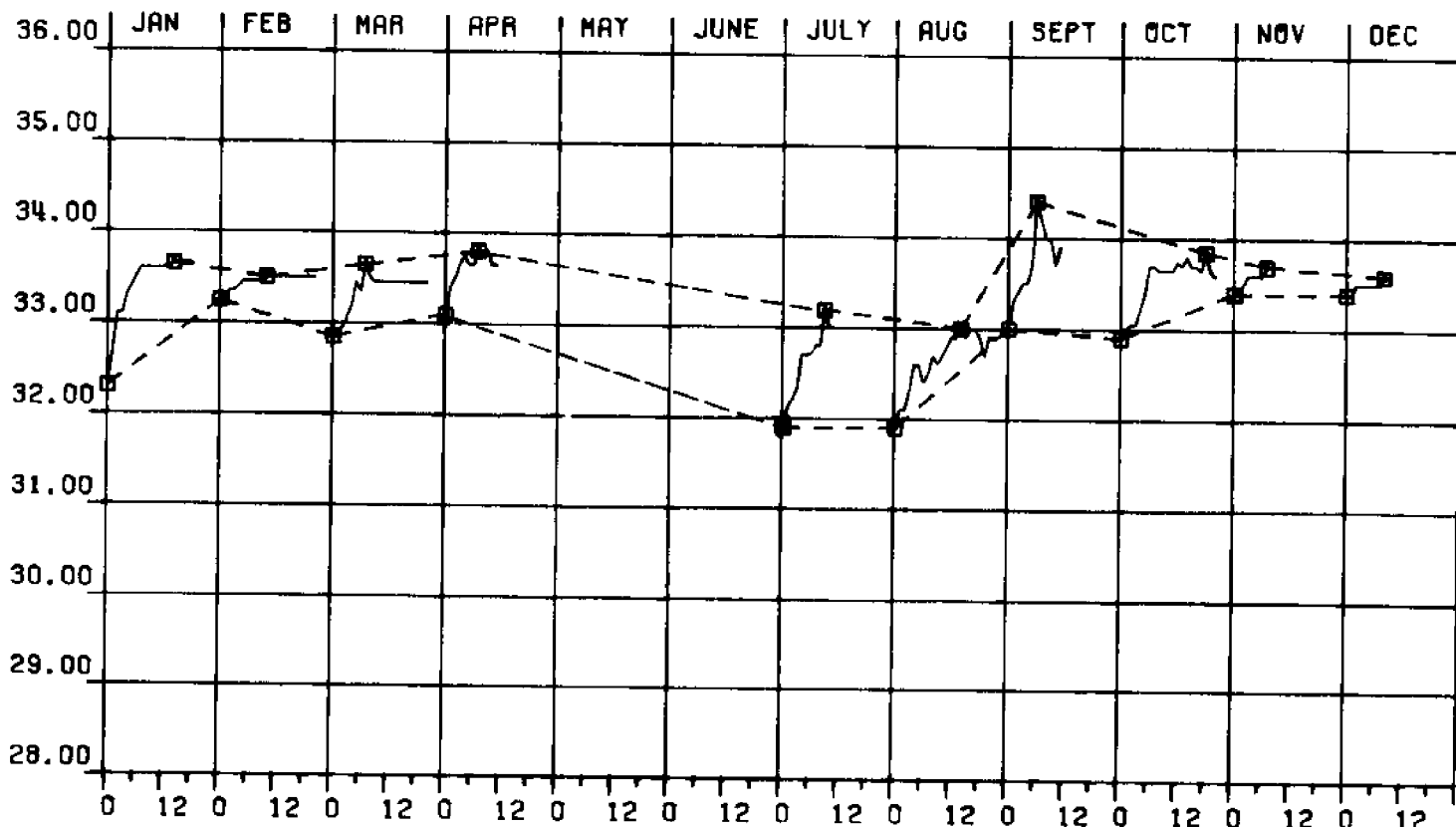
D3 600 YARDS S OF ISLAND GRISSOM  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. TEMPERATURE CELSIUS



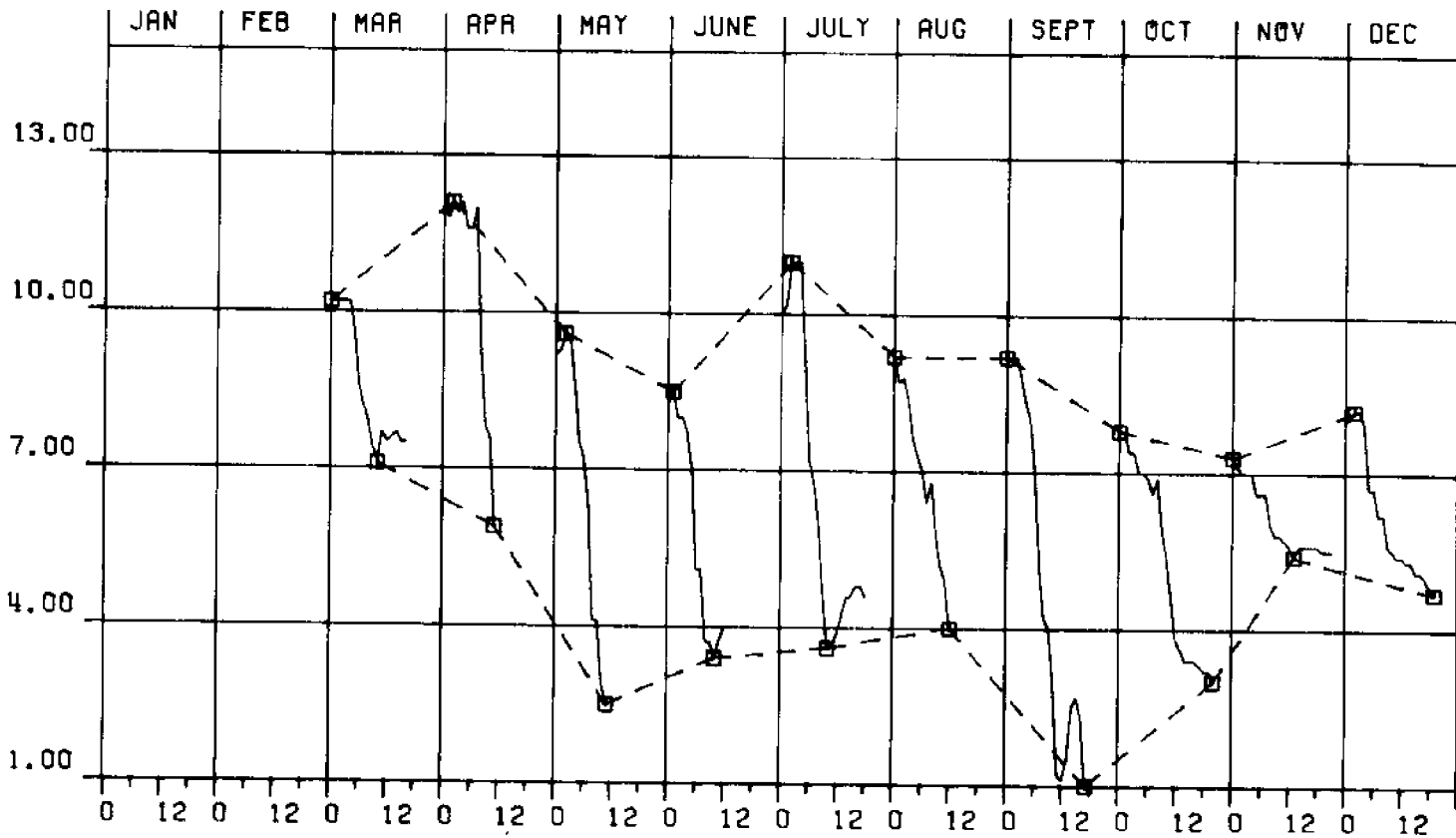
03 600 YRDS S OF ISLAND GRISSOM  
 DATE: 1973  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. SALINITY PPT



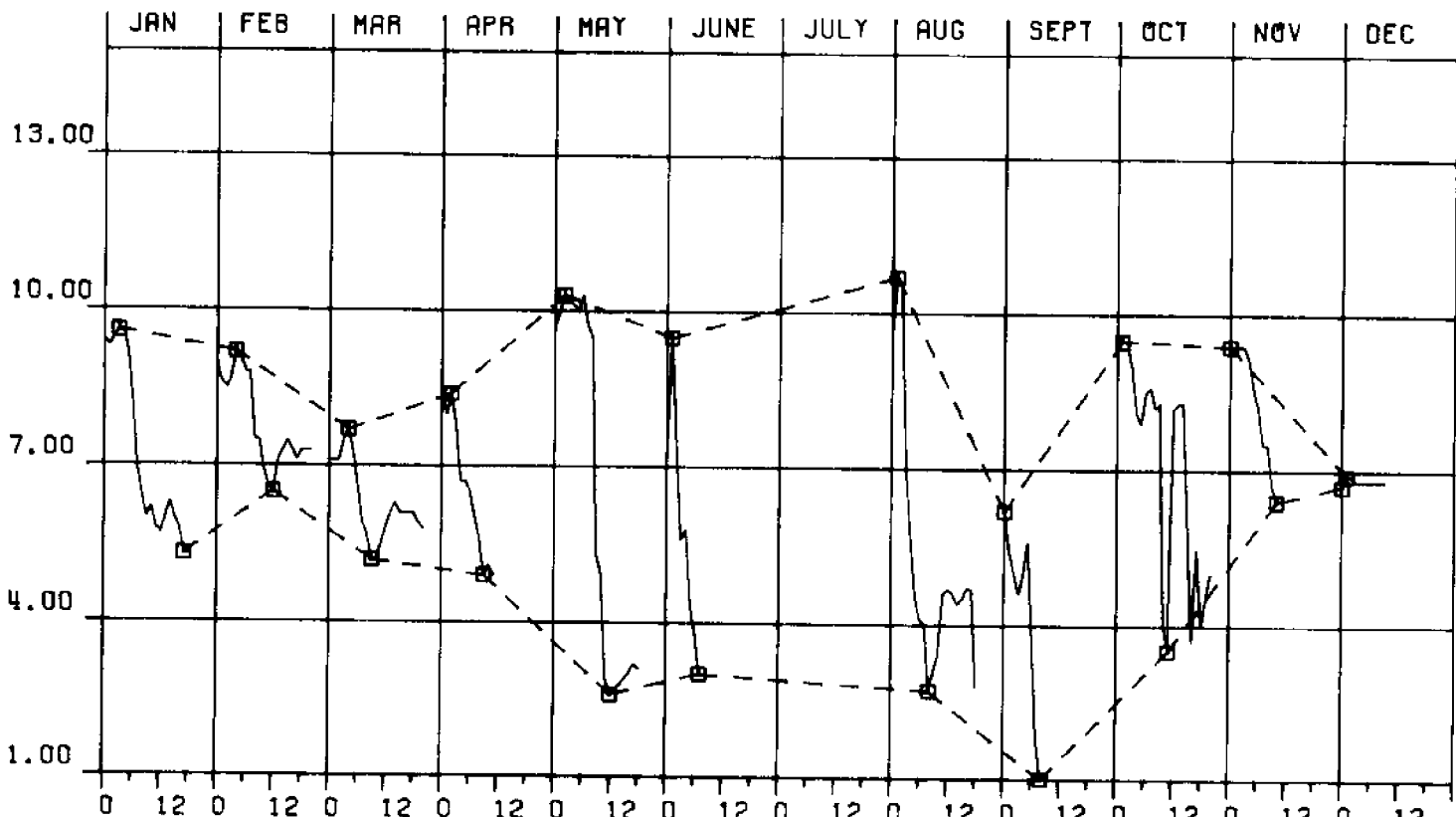
03 600 YRDS S OF ISLAND GRISSOM  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. SALINITY PPT



03 600 YARDS S OF ISLAND GRISSOM  
 DATE: 1973  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. DISSOLVED OXYGEN PPM

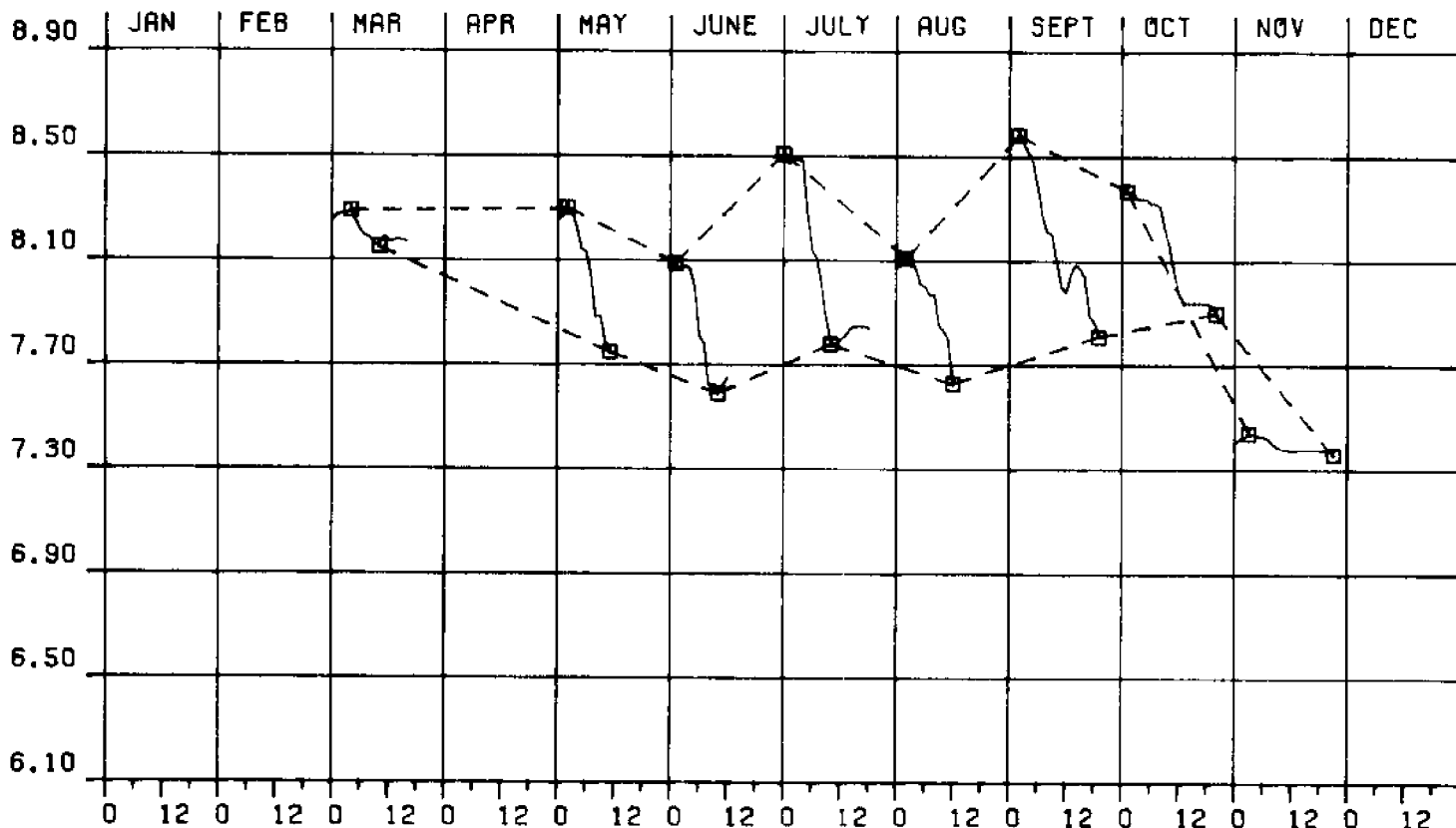


03 600 YARDS S OF ISLAND GRISSOM  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. DISSOLVED OXYGEN PPM

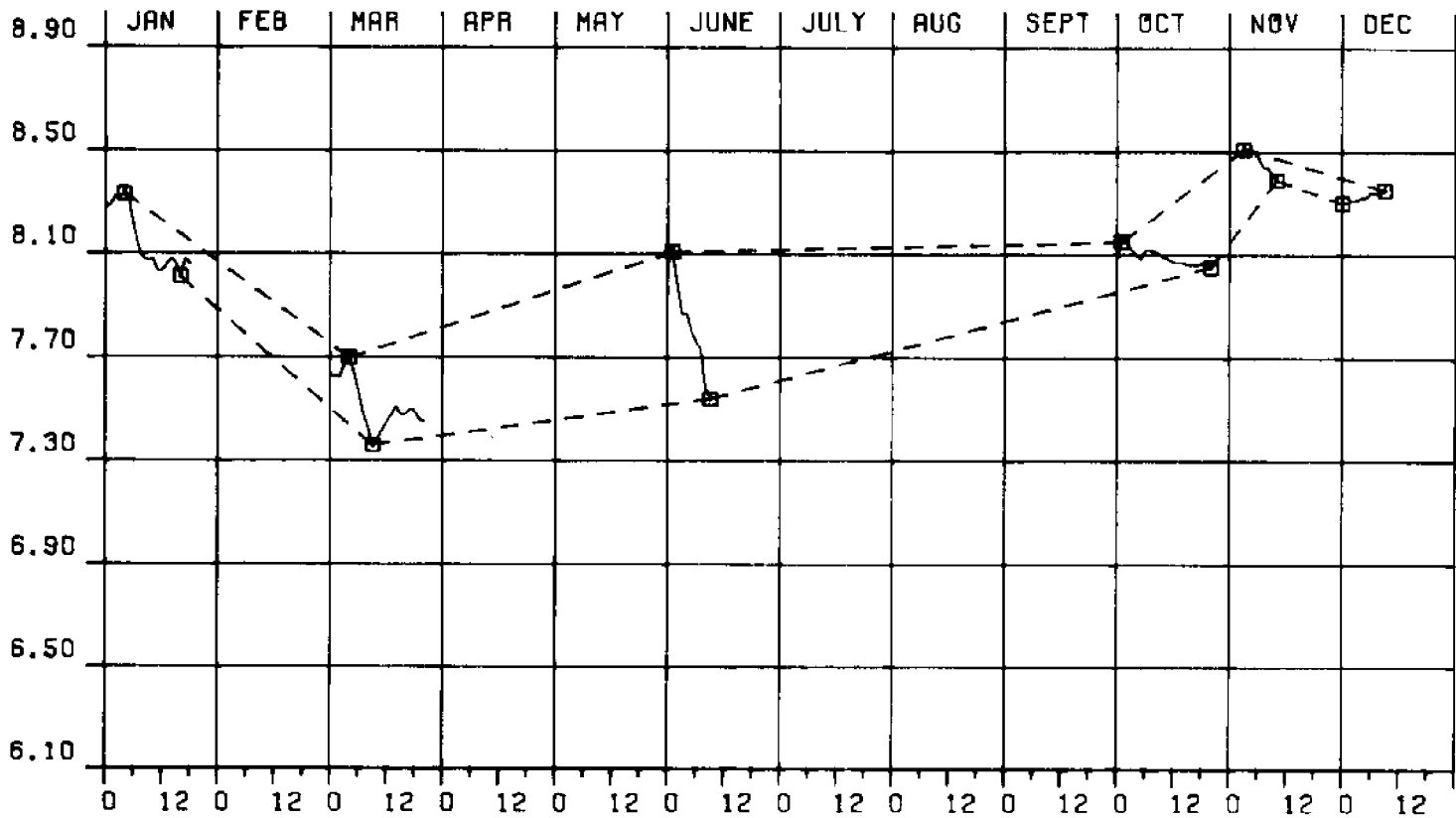




D3 600 YARDS S OF ISLAND GRISSOM  
 DATE: 1973  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. PH H ION CONC



D3 600 YARDS S OF ISLAND GRISSOM  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. PH H ION CONC



DATE: MARCH 1971

STATION: 01 600 YRDS S OF ISLAND GRISSOM

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/200	SiO2 PPM	PH	TURBIDITY %
00	0.0	12.10	53.78	31.70	10.20	8.25	94.00
01	3.28	12.10	53.78	31.65	10.20	8.27	94.00
02	6.56	12.20	53.96	31.60	10.20	8.28	94.00
03	9.84	12.20	53.96	31.60	10.20	8.28	94.00
04	13.12	12.10	53.78	31.90	10.20	8.29	94.00
05	16.40	12.00	53.60	32.10	9.70	8.25	94.00
06	19.68	12.00	53.60	32.10	8.60	8.21	93.00
07	22.96	12.00	53.60	32.10	4.20	8.19	90.00
08	26.24	12.00	53.60	32.20	7.93	8.18	90.00
09	29.52	12.00	53.60	32.20	7.43	8.18	90.00
10	32.80	11.90	53.42	32.30	7.10	8.15	85.00
11	36.08	11.90	53.42	32.30	7.76	8.19	-1.00
12	39.36	11.80	53.24	32.40	7.50	8.17	-1.00
13	42.64	11.70	53.06	32.50	7.60	8.17	-1.00
14	45.92	11.60	52.88	32.40	7.70	8.18	-1.00
15	49.20	11.70	53.06	32.50	7.50	8.17	-1.00
16	52.48	11.80	53.24	32.40	7.90	8.17	-1.00

DATE: APRIL 1971

STATION: 01 600 YRDS S OF ISLAND GRISSOM

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/200	SiO2 PPM	PH	TURBIDITY %
00	0.0	16.60	61.88	33.30	12.00	-1.00	-1.00
01	3.28	16.60	61.88	33.00	11.90	-1.00	-1.00
02	6.56	16.10	61.38	33.00	12.10	-1.00	-1.00
03	9.84	16.10	60.98	33.60	11.90	-1.00	-1.00
04	13.12	15.90	60.62	33.80	12.10	-1.00	-1.00
05	16.40	15.60	60.08	33.70	11.60	-1.00	-1.00
06	19.68	15.20	59.36	33.70	11.60	-1.00	-1.00
07	22.96	15.20	59.36	33.70	12.00	-1.00	-1.00
08	26.24	14.80	58.64	33.70	9.20	-1.00	-1.00
09	29.52	14.30	57.74	33.80	7.80	-1.00	-1.00
10	32.80	14.00	57.20	33.80	7.60	-1.00	-1.00
11	36.08	14.00	57.20	33.80	6.90	-1.00	-1.00

DATE: MAY 1971

STATION: 01 600 YRDS S OF ISLAND GRISSOM

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/200	SiO2 PPM	PH	TURBIDITY %
00	0.0	16.00	60.80	33.00	9.20	8.25	-1.00
01	3.28	16.00	60.80	33.00	9.30	8.27	-1.00
02	6.56	16.00	60.80	33.30	9.60	8.10	-1.00
03	9.84	16.00	60.80	33.50	9.50	8.28	-1.00
04	13.12	15.10	59.18	33.90	1.60	8.22	-1.00
05	16.40	14.90	58.82	33.80	7.50	8.16	-1.00
06	19.68	14.50	58.10	33.90	7.20	8.13	-1.00
07	22.96	14.50	58.10	33.90	6.10	8.08	-1.00
08	26.24	14.20	57.56	33.50	4.10	7.88	-1.00
09	29.52	13.90	57.02	33.90	4.10	7.88	-1.00
10	32.80	13.80	56.84	33.80	2.10	7.77	-1.00
11	36.08	13.70	56.66	33.80	2.50	7.75	-1.00

MISSING DATA VALUE IS -1.00

DATE: JUNE 1971

STATION: 03 600 YRDS S OF ISLAND GRISSOM

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/200	SiO2 PPM	PH	TURBIDITY %
00	0.0	20.50	68.90	32.50	8.30	8.06	80.00
01	3.28	20.60	69.08	32.90	9.50	8.09	80.00
02	6.56	19.40	66.92	33.70	8.00	8.06	80.00
03	9.84	19.30	66.74	33.80	8.00	8.08	80.00
04	13.12	18.80	65.84	33.60	7.70	8.07	87.00
05	16.40	19.00	66.20	33.80	7.00	8.06	80.00
06	19.68	19.20	66.56	33.70	5.10	7.81	80.00
07	22.96	18.50	65.30	34.10	5.10	7.78	78.00
08	26.24	18.50	65.30	34.20	3.70	7.62	78.00
09	29.52	18.90	65.82	34.10	3.70	7.63	78.00
10	32.80	18.80	65.84	33.80	3.40	7.59	78.00
11	36.08	18.50	65.30	33.90	3.70	7.62	78.00
12	39.36	18.10	64.58	33.80	4.00	7.65	76.00

DATE: JULY 1971

STATION: 01 600 YRDS S OF ISLAND GRISSOM

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/200	SiO2 PPM	PH	TURBIDITY %
00	0.0	21.20	70.16	31.20	10.00	8.51	-1.00
01	3.28	21.00	69.80	32.60	10.20	8.47	-1.00
02	6.56	21.10	69.98	33.00	11.00	8.46	-1.00
03	9.84	20.50	68.90	33.10	11.00	8.49	-1.00
04	13.12	20.10	68.18	33.20	11.00	8.48	-1.00
05	16.40	19.20	66.76	33.60	9.20	8.29	-1.00
06	19.68	17.20	62.96	33.70	7.20	8.14	-1.00
07	22.96	16.40	61.52	33.80	6.80	8.11	-1.00
08	26.24	16.60	61.88	33.70	6.00	8.01	-1.00
09	29.52	16.10	60.98	33.80	6.70	7.88	-1.00
10	32.80	15.50	60.10	33.80	3.00	7.74	-1.00
11	36.08	15.40	59.72	33.80	3.60	7.79	-1.00
12	39.36	15.10	59.18	33.70	3.90	7.80	-1.00
13	42.64	14.00	57.20	33.50	4.20	7.91	-1.00
14	45.92	12.70	54.86	33.50	4.60	7.84	-1.00
15	49.20	12.80	55.04	33.50	4.60	7.85	-1.00
16	52.48	12.50	54.50	33.50	4.90	7.85	-1.00
17	55.76	12.50	54.50	33.50	4.80	7.85	-1.00
18	59.04	12.50	54.50	33.50	4.60	7.84	-1.00

DATE: AUGUST 1971

STATION: 03 600 YRDS S OF ISLAND GRISSOM

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/200	SiO2 PPM	PH	TURBIDITY %
00	0.0	19.90	67.82	32.30	9.20	8.08	-1.00
01	3.28	19.90	67.82	32.90	9.70	8.10	-1.00
02	6.56	19.90	67.82	33.00	8.80	8.11	-1.00
03	9.84	19.90	67.82	33.10	8.40	8.10	-1.00
04	13.12	19.80	67.62	33.30	7.60	8.07	-1.00
05	16.40	19.90	67.82	33.40	7.30	8.01	-1.00
06	19.68	19.80	67.62	33.50	7.00	8.00	-1.00
07	22.96	19.80	67.62	33.50	6.40	7.97	-1.00
08	26.24	19.80	67.62	33.50	6.80	7.97	-1.00
09	29.52	17.70	63.86	33.50	3.50	7.85	-1.00
10	32.80	17.80	64.02	33.50	5.20	7.83	-1.00
11	36.08	17.40	63.32	33.50	4.90	7.80	-1.00
12	39.36	16.90	62.42	33.50	4.00	7.83	-1.00

DATE: SEPTEMBER 1973

STATION: 03 600 YRDS S OF ISLAND GRISSON

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY P/1000	D.O.2 PPM	PH H. ION CONC	TURBIDITY %
		C	F				
00	0.0	18.50	65.30	33.20	9.20	8.56	57.00
01	3.28	18.50	65.30	33.20	9.20	8.57	81.00
02	6.56	18.20	64.76	33.30	9.20	8.58	77.00
03	9.84	18.00	64.40	33.40	9.00	8.55	79.00
04	13.12	17.70	63.86	33.40	8.30	8.51	81.00
05	16.40	17.50	63.50	33.40	8.00	8.48	81.00
06	19.68	17.30	63.14	33.50	7.00	8.38	81.20
07	22.96	16.50	61.70	33.80	5.20	8.27	81.50
08	26.24	16.00	60.80	33.80	4.20	8.21	81.00
09	29.52	15.90	60.62	33.70	4.00	8.20	82.00
10	32.80	15.50	59.90	33.80	3.00	8.10	77.50
11	36.08	15.00	59.00	34.10	1.20	8.00	70.50
12	39.36	14.80	58.64	33.90	1.10	7.96	63.00
13	42.64	14.40	57.92	34.10	1.50	8.05	57.00
14	45.92	14.20	57.56	34.20	2.50	8.09	53.00
15	49.20	14.00	57.20	34.10	2.70	8.07	68.00
16	52.48	13.90	57.02	34.20	2.30	8.04	89.50
17	55.76	13.80	56.84	34.20	1.00	7.89	72.00
18	59.04	13.50	56.30	34.30	0.20	7.87	71.00
19	62.32	13.50	56.30	34.20	0.0	7.81	73.50
20	65.60	13.30	55.94	34.30	0.0	7.81	73.00

DATE: OCTOBER 1973

STATION: 03 600 YRDS S OF ISLAND GRISSON

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY P/1000	D.O.2 PPM	PH H. ION CONC	TURBIDITY %
		C	F				
00	0.0	16.60	61.88	32.80	7.80	8.36	72.00
01	3.28	16.60	61.88	33.00	7.80	8.37	73.00
02	6.56	16.60	61.88	33.10	7.40	8.37	74.00
03	9.84	16.20	61.16	33.20	7.40	8.34	76.00
04	13.12	16.10	60.98	33.30	7.00	8.34	78.00
05	16.40	16.00	60.80	33.30	7.00	8.34	77.50
06	19.68	15.80	60.44	33.30	6.90	8.32	77.00
07	22.96	15.80	60.44	33.30	6.60	8.32	76.50
08	26.24	15.60	60.08	33.30	6.90	8.31	74.50
09	29.52	15.40	59.72	33.40	5.90	8.22	76.00
10	32.80	15.40	59.72	33.40	5.40	8.18	78.00
11	36.08	14.70	58.46	33.40	4.60	8.06	65.00
12	39.36	14.49	57.92	33.50	3.80	7.98	78.00
13	42.64	14.10	57.38	33.40	3.60	7.94	47.00
14	45.92	14.00	57.20	33.50	3.40	7.94	53.00
15	49.20	14.00	57.20	33.50	3.40	7.94	94.00
16	52.48	13.90	57.02	33.40	3.40	7.94	57.00
17	55.76	13.80	56.84	33.40	3.30	7.94	89.00
18	59.04	13.70	56.66	33.50	3.20	7.94	66.00
19	62.32	13.60	56.48	33.40	3.20	7.93	70.00
20	65.60	13.60	56.48	33.40	3.00	7.90	71.00

MISSING DATA VALUE IS -1.0

DATE: NOVEMBER 1973

STATION: 03 600 YRDS S OF ISLAND GRISSON

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY P/1000	D.O.2 PPM	PH H. ION CONC	TURBIDITY %
		C	F				
00	0.0	12.60	54.68	33.00	7.30	7.40	73.50
01	3.28	12.60	54.68	33.00	7.10	7.42	79.00
02	6.56	12.60	54.68	33.20	7.00	7.43	80.00
03	9.84	12.60	54.68	33.30	7.00	7.44	80.50
04	13.12	12.70	54.86	33.40	7.00	7.44	82.00
05	16.40	12.80	55.04	33.45	6.60	7.43	82.00
06	19.68	12.80	55.04	33.50	6.60	7.43	81.50
07	22.96	12.80	55.04	33.50	6.60	7.42	81.00
08	26.24	12.90	55.22	33.50	6.00	7.40	79.00
09	29.52	12.90	55.22	33.60	5.80	7.39	78.00
10	32.80	12.90	55.22	33.60	5.80	7.38	74.50
11	36.08	12.90	55.22	33.60	5.70	7.38	72.00
12	39.36	12.90	55.22	33.60	5.60	7.37	71.50
13	42.64	12.90	55.22	33.65	5.40	7.38	70.00
14	45.92	12.90	55.22	33.70	5.60	7.38	68.50
15	49.20	12.80	55.04	33.70	5.60	7.38	68.50
16	52.48	12.80	55.04	33.65	5.60	7.38	66.00
17	55.76	12.80	55.04	33.70	5.60	7.38	64.00
18	59.04	12.80	55.04	33.70	5.60	7.38	60.50
19	62.32	12.80	55.04	33.70	5.50	7.38	60.00
20	65.60	12.80	55.04	33.70	5.50	7.38	58.00
21	68.88	12.80	55.04	33.70	5.50	7.36	-1.00

DATE: DECEMBER 1973

STATION: 03 600 YRDS S OF ISLAND GRISSON

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY P/1000	D.O.2 PPM	PH H. ION CONC	TURBIDITY %
		C	F				
00	0.0	12.00	53.60	33.80	8.40	-1.00	74.50
01	3.28	12.10	53.78	33.90	8.10	-1.00	75.00
02	6.56	12.10	53.78	33.80	8.20	-1.00	74.50
03	9.84	12.10	53.78	33.90	8.20	-1.00	74.50
04	13.12	12.10	53.78	33.90	7.90	-1.00	74.00
05	16.40	12.10	53.78	33.90	6.70	-1.00	74.00
06	19.68	12.10	53.78	33.90	6.70	-1.00	74.50
07	22.96	12.10	53.78	34.00	6.20	-1.00	77.50
08	26.24	12.10	53.78	34.00	6.20	-1.00	74.50
09	29.52	12.10	53.78	34.00	5.60	-1.00	73.50
10	32.80	12.10	53.78	34.00	5.50	-1.00	78.50
11	36.08	12.20	53.96	33.90	5.40	-1.00	68.00
12	39.36	12.20	53.96	33.90	5.40	-1.00	66.50
13	42.64	12.20	53.96	33.90	5.30	-1.00	66.50
14	45.92	12.10	53.78	34.00	5.30	-1.00	66.90
15	49.20	12.10	53.78	34.00	5.10	-1.00	65.50
16	52.48	12.10	53.78	34.00	5.10	-1.00	85.00
17	55.76	12.10	53.78	34.00	5.00	-1.00	53.00
18	59.04	12.10	53.78	34.00	4.80	-1.00	61.50
19	62.32	12.10	53.78	34.00	4.70	-1.00	-1.00

MISSING DATA VALUE IS -1.0

DATE: JANUARY 1974

STATION: 03 600 YRDS S OF ISLAND GRISSON

DATE: MARCH 1974

STATION: 03 600 YRDS S OF ISLAND GRISSON

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/00	D.O2 PPM	PH M ION CONC	TURBIDITY S
00	0.0	12.90	55.22	32.30	9.40	8.28	80.00
01	3.28	12.90	55.22	32.70	9.30	8.29	84.00
02	6.56	12.90	55.22	33.10	9.50	8.32	85.00
03	9.84	13.00	55.40	33.10	9.40	8.32	84.50
04	13.12	13.00	55.40	33.30	9.60	8.33	84.50
05	16.40	13.00	55.40	33.40	9.20	8.30	87.00
06	19.68	13.00	55.40	33.50	8.20	8.20	86.00
07	22.96	12.90	55.22	33.60	7.00	8.12	84.00
08	26.24	12.90	55.22	33.60	6.40	8.08	73.50
09	29.52	12.90	55.22	33.60	6.00	8.07	67.00
10	32.80	12.80	55.04	33.60	6.20	8.08	59.00
11	36.08	12.80	55.04	33.00	5.80	8.03	51.50
12	39.36	12.80	55.04	33.60	5.70	8.03	58.00
13	42.64	12.80	55.04	33.60	6.00	8.06	62.00
14	45.92	12.80	55.04	33.65	6.30	8.08	62.00
15	49.20	12.80	55.04	33.65	8.00	8.06	64.00
16	52.48	12.80	55.04	33.65	8.00	8.01	68.00
17	55.76	12.80	55.04	33.65	5.30	8.08	68.00
18	59.04	12.80	55.04	33.65	5.30	8.06	58.00

DATE: FEBRUARY 1974

STATION: 03 600 YRDS S OF ISLAND GRISSON

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/00	D.O2 PPM	PH M ION CONC	TURBIDITY S
00	0.0	14.10	57.38	33.25	8.90	-1.00	89.00
01	3.28	14.10	57.38	33.25	8.60	-1.00	90.00
02	6.56	14.10	57.38	33.35	8.50	-1.00	91.00
03	9.84	14.10	57.38	33.35	8.70	-1.00	91.00
04	13.12	14.10	57.38	33.40	9.20	-1.00	91.00
05	16.40	14.10	57.38	33.45	9.10	-1.00	91.00
06	19.68	14.10	57.38	33.45	8.80	-1.00	90.70
07	22.96	14.00	57.20	33.45	9.80	-1.00	91.00
08	26.24	13.90	57.02	33.45	7.00	-1.00	87.00
09	29.52	13.80	56.84	33.45	7.50	-1.00	56.50
10	32.80	13.80	56.84	33.50	6.90	-1.00	58.50
11	36.08	13.30	55.94	33.50	6.60	-1.00	52.00
12	39.36	13.30	55.94	33.50	6.50	-1.00	57.00
13	42.64	13.20	55.76	33.50	7.10	-1.00	70.00
14	45.92	13.20	55.76	33.50	7.30	-1.00	69.50
15	49.20	13.10	55.58	33.50	7.50	-1.00	70.50
16	52.48	13.10	55.58	33.50	7.30	-1.00	64.50
17	55.76	13.10	55.58	33.50	7.10	-1.00	54.00
18	59.04	13.10	55.58	33.50	7.30	-1.00	44.50
19	62.32	13.10	55.58	33.50	7.30	-1.00	-1.00
20	65.60	13.00	55.40	33.50	7.30	-1.00	-1.00

MISSING DATA VALUE IS -1.0

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/00	D.O2 PPM	PH M ION CONC	TURBIDITY S
00	0.0	15.00	59.00	32.85	7.10	7.63	-1.00
01	3.28	15.00	59.00	32.85	7.10	7.63	-1.00
02	6.56	15.00	59.00	32.95	7.10	7.67	-1.00
03	9.84	15.00	59.00	33.05	7.50	7.68	-1.00
04	13.12	14.90	58.82	33.20	7.70	7.70	-1.00
05	16.40	14.50	58.10	33.45	7.30	7.64	-1.00
06	19.68	14.20	57.56	33.35	6.70	7.57	-1.00
07	22.96	13.90	57.02	33.85	6.90	7.48	-1.00
08	26.24	13.80	56.84	33.50	5.78	7.43	-1.00
09	29.52	13.80	56.84	33.45	5.20	7.36	-1.00
10	32.80	13.78	56.86	33.45	5.20	7.38	-1.00
11	36.08	13.70	56.66	33.45	5.50	7.42	-1.00
12	39.36	13.60	56.48	33.45	5.80	7.45	-1.00
13	42.64	13.60	56.48	33.45	6.10	7.48	-1.00
14	45.92	13.60	56.48	33.45	6.30	7.51	-1.00
15	49.20	13.60	56.48	33.45	6.10	7.48	-1.00
16	52.48	13.50	56.30	33.45	6.10	7.48	-1.00
17	55.76	13.50	56.30	33.45	6.10	7.50	-1.00
18	59.04	13.50	56.30	33.45	6.10	7.49	-1.00
19	62.32	13.50	56.30	33.45	5.90	7.46	-1.00
20	65.60	13.50	56.30	33.45	5.80	7.45	-1.00

DATE: APRIL 1974

STATION: 03 600 YRDS S OF ISLAND GRISSON

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/00	D.O2 PPM	PH M ION CONC	TURBIDITY S
00	0.0	15.00	59.00	33.10	8.30	-1.00	70.00
01	3.28	15.00	59.00	33.40	8.00	-1.00	72.50
02	6.56	15.00	59.00	33.90	8.40	-1.00	73.50
03	9.84	14.90	58.82	33.65	7.70	-1.00	77.00
04	13.12	14.80	58.64	33.75	8.70	-1.00	75.00
05	16.40	14.80	58.64	33.65	6.70	-1.00	66.50
06	19.68	14.80	58.64	33.65	6.50	-1.00	67.50
07	22.96	14.70	58.46	33.80	6.00	-1.00	51.50
08	26.24	14.70	58.46	33.80	5.60	-1.00	49.50
09	29.52	14.60	58.28	33.80	4.90	-1.00	54.00
10	32.80	14.60	58.28	33.65	5.10	-1.00	46.00
11	36.08	14.60	58.28	33.65	4.90	-1.00	26.00

MISSING DATA VALUE IS -1.0

DATE: MAY 1974  
STATION: D3 600 YRDS S OF ISLAND GRISSON

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY PPT	D.O2 PPM	PH	TURBIDITY NTU
		C	F				
00	0.0	17.50	63.50	-1.00	9.70	-1.00	67.50
01	3.28	17.20	62.96	-1.00	10.00	-1.00	73.50
02	6.56	16.70	62.06	-1.00	10.30	-1.00	78.00
03	9.84	16.50	61.70	-1.00	10.20	-1.00	80.50
04	13.12	16.00	60.80	-1.00	10.10	-1.00	81.00
05	16.40	15.80	60.44	-1.00	10.00	-1.00	80.50
06	19.68	15.70	60.26	-1.00	10.10	-1.00	83.00
07	22.96	15.30	59.54	-1.00	9.70	-1.00	82.00
08	26.24	15.30	59.54	-1.00	9.60	-1.00	77.50
09	29.52	14.60	58.28	-1.00	5.30	-1.00	55.00
10	32.80	14.20	57.56	-1.00	4.90	-1.00	31.90
11	36.08	12.60	54.68	-1.00	2.90	-1.00	41.50
12	39.36	12.20	53.96	-1.00	2.60	-1.00	52.50
13	42.64	12.10	53.78	-1.00	2.70	-1.00	55.50
14	45.92	12.00	53.60	-1.00	2.80	-1.00	69.50
15	49.20	11.90	53.42	-1.00	2.90	-1.00	66.00
16	52.48	11.90	53.42	-1.00	3.00	-1.00	67.50
17	55.76	11.50	52.70	-1.00	3.20	-1.00	60.00
18	59.04	11.50	52.70	-1.00	3.10	-1.00	-1.00

DATE: JUNE 1974  
STATION: D3 600 YRDS S OF ISLAND GRISSON

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY PPT	D.O2 PPM	PH	TURBIDITY NTU
		C	F				
00	0.0	19.40	66.92	26.50	7.20	8.07	71.00
01	3.28	18.70	65.66	28.30	9.50	8.11	77.00
02	6.56	17.20	62.96	28.70	7.30	7.98	78.50
03	9.84	16.20	61.16	29.00	5.60	7.87	78.50
04	13.12	15.76	60.26	29.00	5.80	7.87	77.50
05	16.40	15.20	59.36	29.20	4.40	7.80	80.00
06	19.68	14.80	58.64	29.00	3.80	7.76	78.00
07	22.96	14.50	58.10	29.10	3.00	7.73	78.50
08	26.24	13.00	55.40	29.40	0.50	7.58	78.00
09	29.52	12.20	53.96	29.40	0.0	7.54	84.00

\* Possible probe malfunction

MISSING DATA VALUE IS -1.0

DATE: JULY 1974  
STATION: D3 600 YRDS S OF ISLAND GRISSON

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY PPT	D.O2 PPM	PH	TURBIDITY NTU
		C	F				
00	0.0	22.90	73.22	31.90	-1.00	-1.00	50.00
01	3.28	22.10	71.78	32.10	-1.00	-1.00	52.50
02	6.56	21.80	71.24	32.20	-1.00	-1.00	67.00
03	9.84	21.60	70.88	32.30	-1.00	-1.00	76.00
04	13.12	20.90	69.44	32.70	-1.00	-1.00	78.00
05	16.40	20.20	68.36	32.70	-1.00	-1.00	82.50
06	19.68	20.00	68.00	32.70	-1.00	-1.00	83.00
07	22.96	19.20	66.56	32.80	-1.00	-1.00	81.50
08	26.24	18.10	64.58	32.90	-1.00	-1.00	78.00
09	29.52	17.00	62.60	33.20	-1.00	-1.00	65.00
10	32.80	15.60	60.08	33.00	-1.00	-1.00	25.00

DATE: AUGUST 1974  
STATION: D3 600 YRDS S OF ISLAND GRISSON

DEPTH METERS	DEPTH FEET	TEMPERATURE		SALINITY PPT	D.O2 PPM	PH	TURBIDITY NTU
		C	F				
00	0.0	19.50	67.10	31.90	9.70	-1.00	32.00
01	3.28	19.50	67.10	32.10	10.70	-1.00	34.00
02	6.56	19.50	67.10	32.10	10.50	-1.00	47.50
03	9.84	18.90	66.02	32.30	7.00	-1.00	65.50
04	13.12	17.90	64.22	32.60	5.70	-1.00	71.50
05	16.40	17.50	63.50	32.60	4.80	-1.00	67.50
06	19.68	17.10	62.78	32.40	4.10	-1.00	62.50
07	22.96	16.80	62.24	32.50	4.00	-1.00	74.00
08	26.24	16.20	61.16	32.70	2.70	-1.00	58.50
09	29.52	16.00	60.80	32.60	3.10	-1.00	51.00
10	32.80	15.80	60.44	32.70	3.40	-1.00	50.00
11	36.08	15.50	59.90	32.80	4.40	-1.00	50.00
12	39.36	15.40	59.72	32.90	4.70	-1.00	58.00
13	42.64	15.30	59.54	32.90	4.60	-1.00	63.00
14	45.92	15.10	59.18	33.00	4.40	-1.00	63.50
15	49.20	15.20	59.36	32.90	4.50	-1.00	64.00
16	52.48	15.10	59.18	33.00	4.70	-1.00	66.00
17	55.76	15.10	59.18	33.00	4.70	-1.00	63.00
18	59.04	15.00	59.00	32.90	2.80	-1.00	48.00
19	62.32	14.90	58.82	32.70	0.60	-1.00	48.00
20	65.60	14.50	58.10	32.90	0.20	-1.00	54.00
21	68.88	14.40	57.92	32.90	0.0	-1.00	-1.00

MISSING DATA VALUE IS -1.0

DATE: SEPTEMBER 1974

STATION: 01 600 YRDS S OF ISLAND GRISSOM

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PCT/000	D.O2 PPM	PH	TURBIDITY %
00	0.0	20.40	69.08	33.00	6.20	-1.00	46.50
01	3.28	20.40	69.08	33.30	5.40	-1.00	55.00
02	6.56	20.60	69.08	33.43	5.00	-1.00	58.60
03	9.84	20.70	69.26	33.50	4.40	-1.00	70.00
04	13.12	20.00	68.00	33.50	5.00	-1.00	80.50
05	16.40	19.00	67.20	33.70	5.60	-1.00	84.00
06	19.68	18.10	64.58	34.40	3.60	-1.00	86.00
07	22.96	17.20	62.96	34.20	3.00	-1.00	77.50
08	26.24	16.80	62.24	34.00	1.00	-1.00	80.50
09	29.52	16.70	62.06	34.00	0.30	-1.00	54.50
10	32.80	16.00	61.00	33.70	0.60	-1.00	40.50
11	36.08	16.00	61.00	33.90	0.50	-1.00	41.00

DATE: OCTOBER 1974

STATION: 03 600 YRDS S OF ISLAND GRISSOM

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PCT/000	D.O2 PPM	PH	TURBIDITY %
00	0.0	15.40	59.72	32.90	9.40	8.11	68.50
01	3.28	15.40	59.72	33.00	9.50	8.15	69.50
02	6.56	15.40	59.72	33.05	9.50	8.15	71.50
03	9.84	15.40	59.72	33.05	9.00	8.12	73.50
04	13.12	15.30	59.54	33.20	8.10	8.10	73.50
05	16.40	15.30	59.54	33.40	7.90	8.06	72.00
06	19.68	14.90	58.82	33.70	8.50	8.12	72.00
07	22.96	14.80	58.64	33.70	8.60	8.12	72.00
08	26.24	14.70	58.46	33.65	8.20	8.11	65.50
09	29.52	14.60	58.28	33.65	8.30	8.10	57.00
10	32.80	14.60	58.28	33.65	8.00	8.09	57.00
11	36.08	14.50	58.10	33.65	3.50	8.08	57.00
12	39.36	14.40	57.92	33.75	9.20	8.07	53.00
13	42.64	14.20	57.56	33.70	8.30	8.07	55.50
14	45.92	14.10	57.38	33.80	4.30	8.07	57.50
15	49.20	14.00	57.20	33.70	9.00	8.06	61.00
16	52.48	14.00	57.20	33.70	3.70	8.06	59.50
17	55.76	13.90	57.02	33.65	5.50	8.06	59.50
18	59.04	13.90	56.84	33.65	8.00	8.07	60.50
19	62.32	13.70	56.66	33.65	4.50	8.07	60.00
20	65.60	13.60	56.48	33.60	5.00	8.05	61.00

MISSING DATA VALUE IS -1.0

DATE: NOVEMBER 1974

STATION: 01 600 YRDS S OF ISLAND GRISSOM

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PCT/000	D.O2 PPM	PH	TURBIDITY %
00	0.0	14.80	58.64	33.40	9.40	8.50	-1.00
01	3.28	14.80	58.64	33.40	9.40	8.50	-1.00
02	6.56	14.80	58.64	33.50	9.40	8.50	-1.00
03	9.84	14.70	58.46	33.60	9.40	8.51	-1.00
04	13.12	14.70	58.46	33.60	9.10	8.51	-1.00
05	16.40	14.70	58.46	33.60	9.00	8.50	-1.00
06	19.68	14.70	58.46	33.60	8.20	8.48	-1.00
07	22.96	14.70	58.46	33.70	7.50	8.44	-1.00
08	26.24	14.70	58.46	33.70	7.50	8.44	-1.00
09	29.52	14.60	58.28	33.70	9.70	8.41	-1.00
10	32.80	14.60	58.28	33.70	7.40	8.39	-1.00

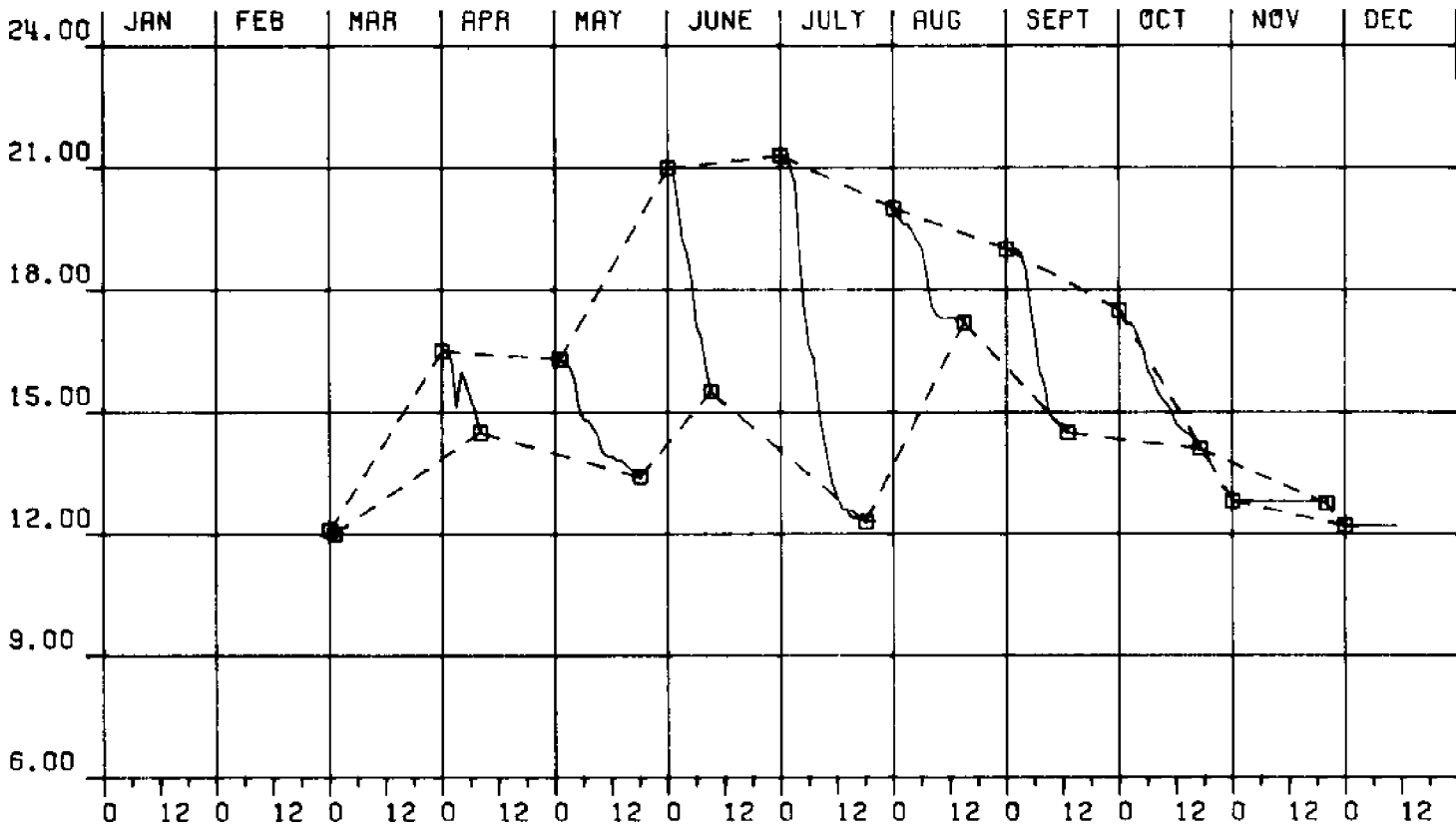
DATE: DECEMBER 1974

STATION: 03 600 YRDS S OF ISLAND GRISSOM

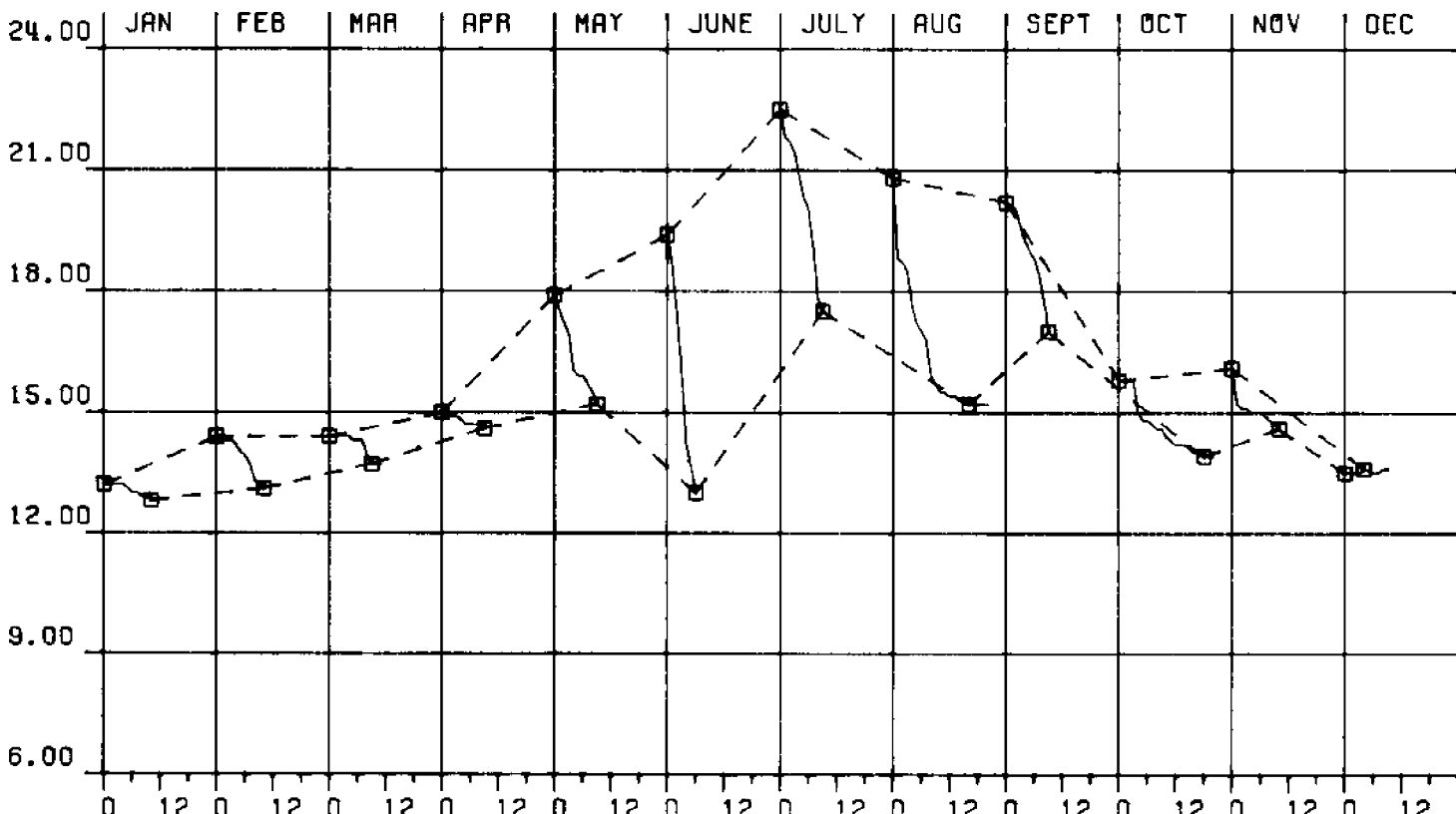
DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PCT/000	D.O2 PPM	PH	TURBIDITY %
00	0.0	13.40	56.12	33.40	6.70	8.30	72.00
01	3.28	13.50	56.30	33.40	6.40	8.30	74.00
02	6.56	13.50	56.30	33.50	6.40	8.31	66.00
03	9.84	13.60	56.48	33.50	6.80	8.31	78.00
04	13.12	13.60	56.48	33.50	6.80	8.32	77.00
05	16.40	13.60	56.48	33.50	6.80	8.32	76.00
06	19.68	13.60	56.48	33.50	6.80	8.34	75.50
07	22.96	13.60	56.48	33.50	6.80	8.34	75.50
08	26.24	13.60	56.48	33.60	6.80	8.34	70.00
09	29.52	13.60	56.48	33.60	6.80	8.35	70.00

MISSING DATA VALUE IS -1.0

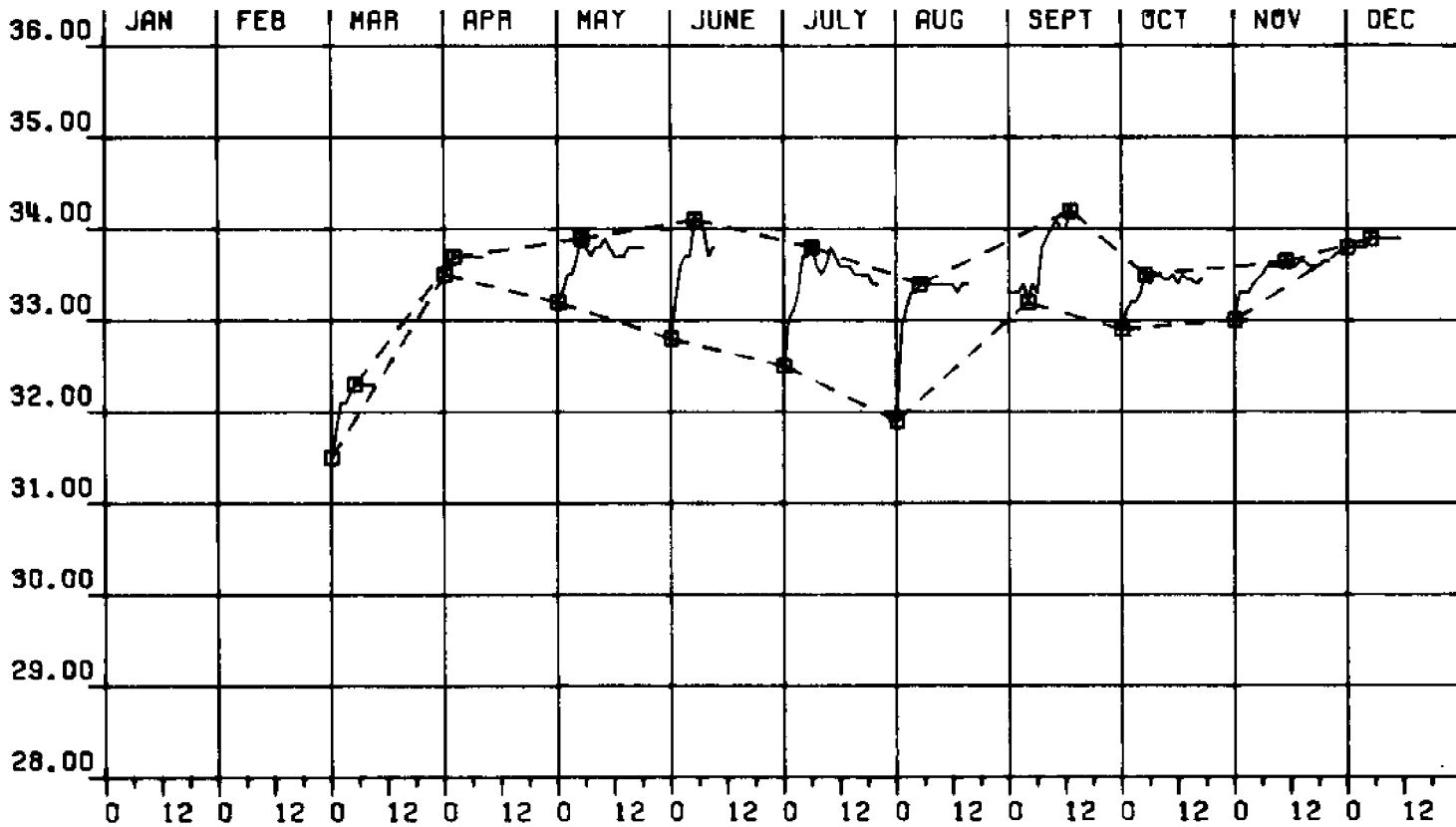
D4 400 YRDS SW OF ISLAND WHITE  
 DATE: 1973  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. TEMPERATURE CELSIUS



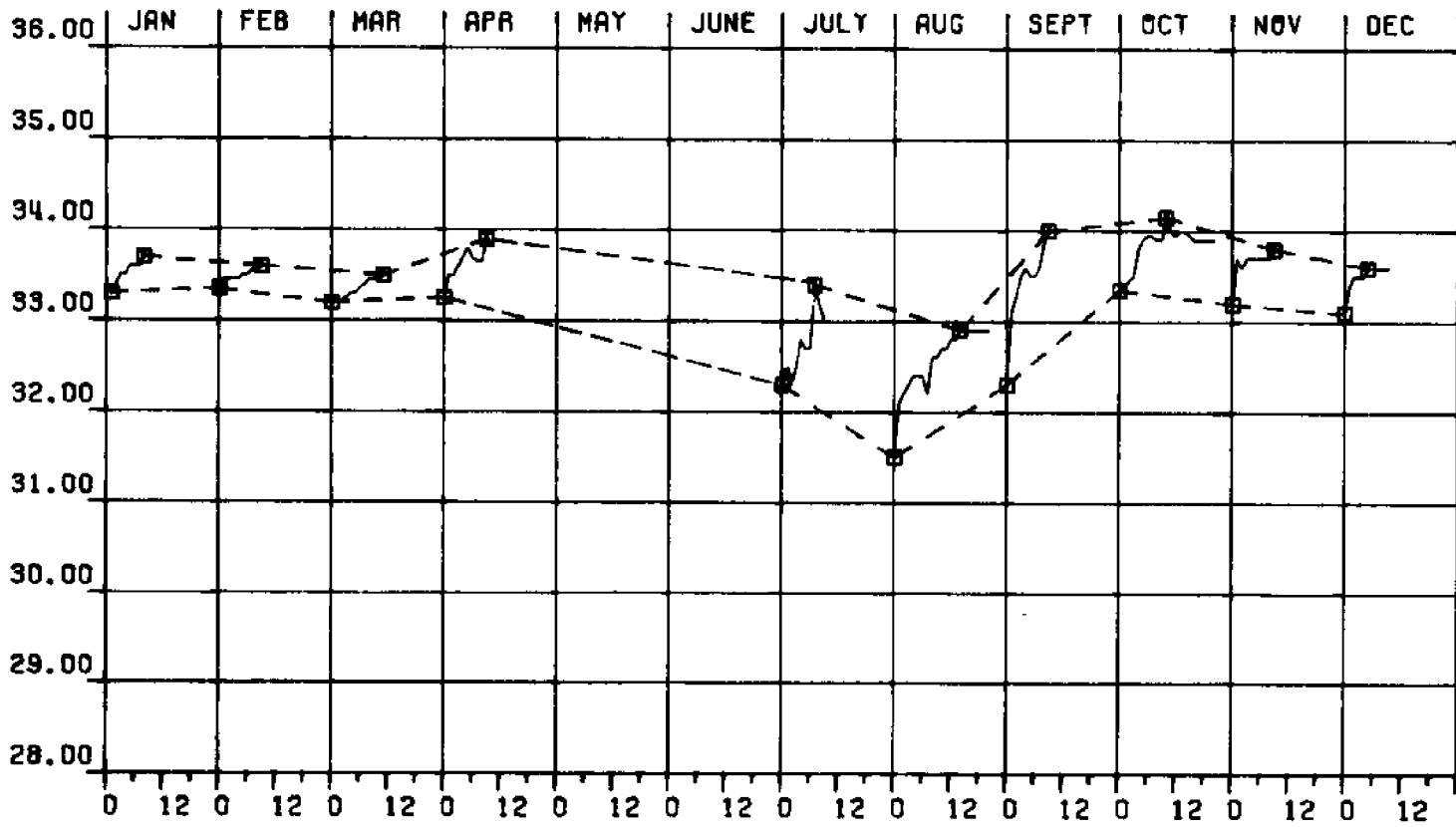
D4 400 YRDS SW OF ISLAND WHITE  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. TEMPERATURE CELSIUS



D4 400 YARDS SW OF ISLAND WHITE  
 DATE: 1973  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. SALINITY PPT

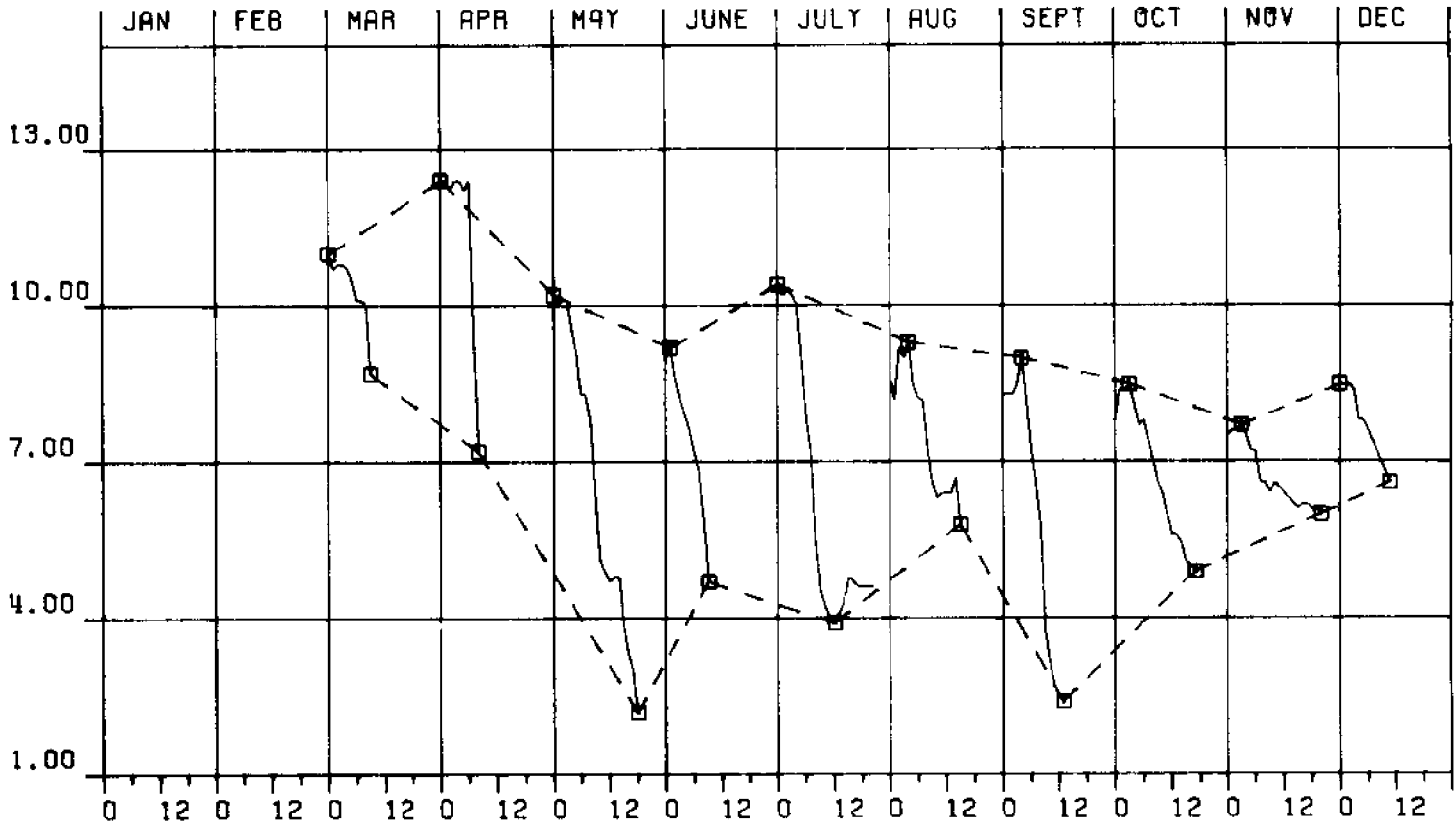


D4 400 YARDS SW OF ISLAND WHITE  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. SALINITY PPT

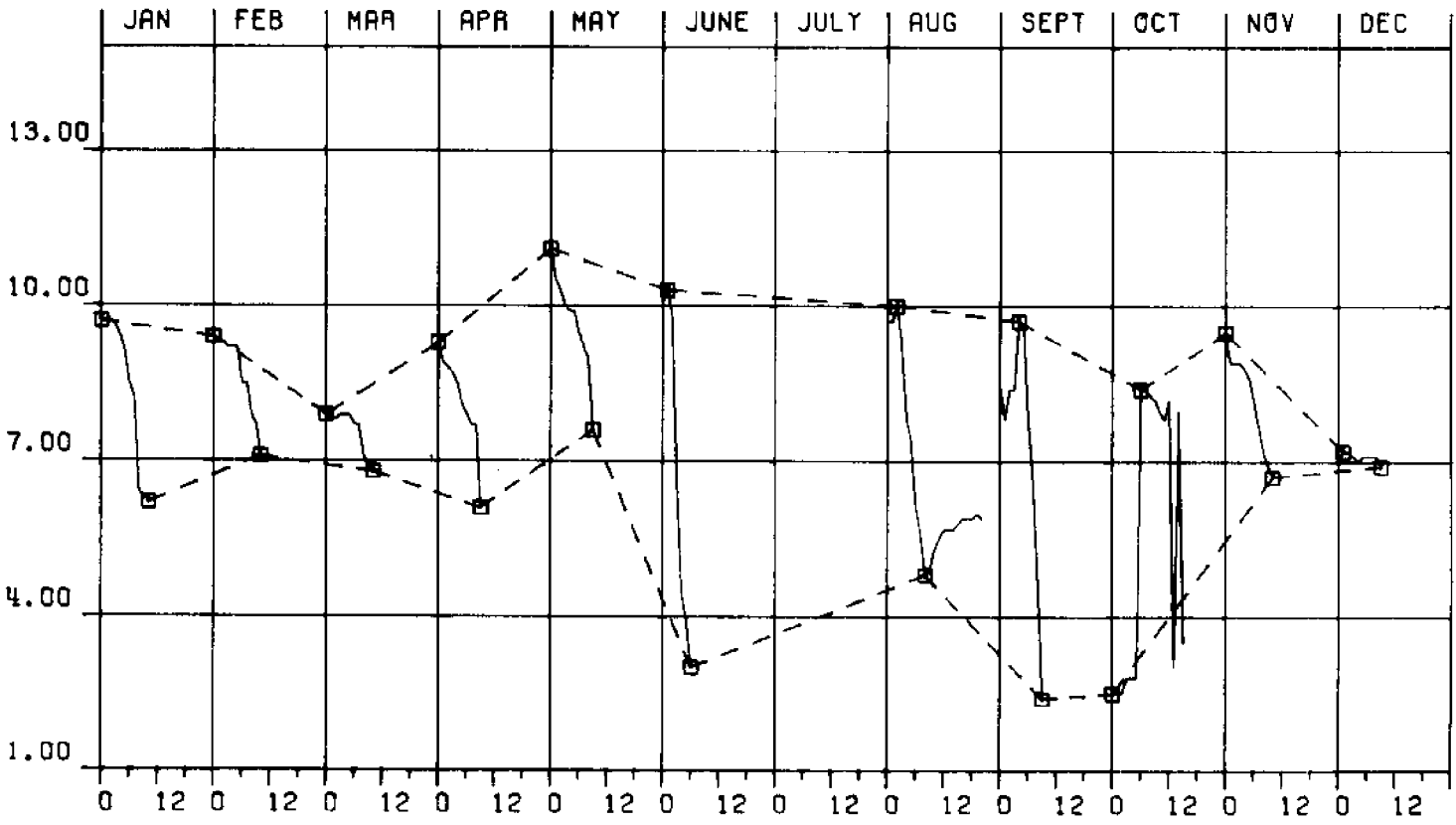




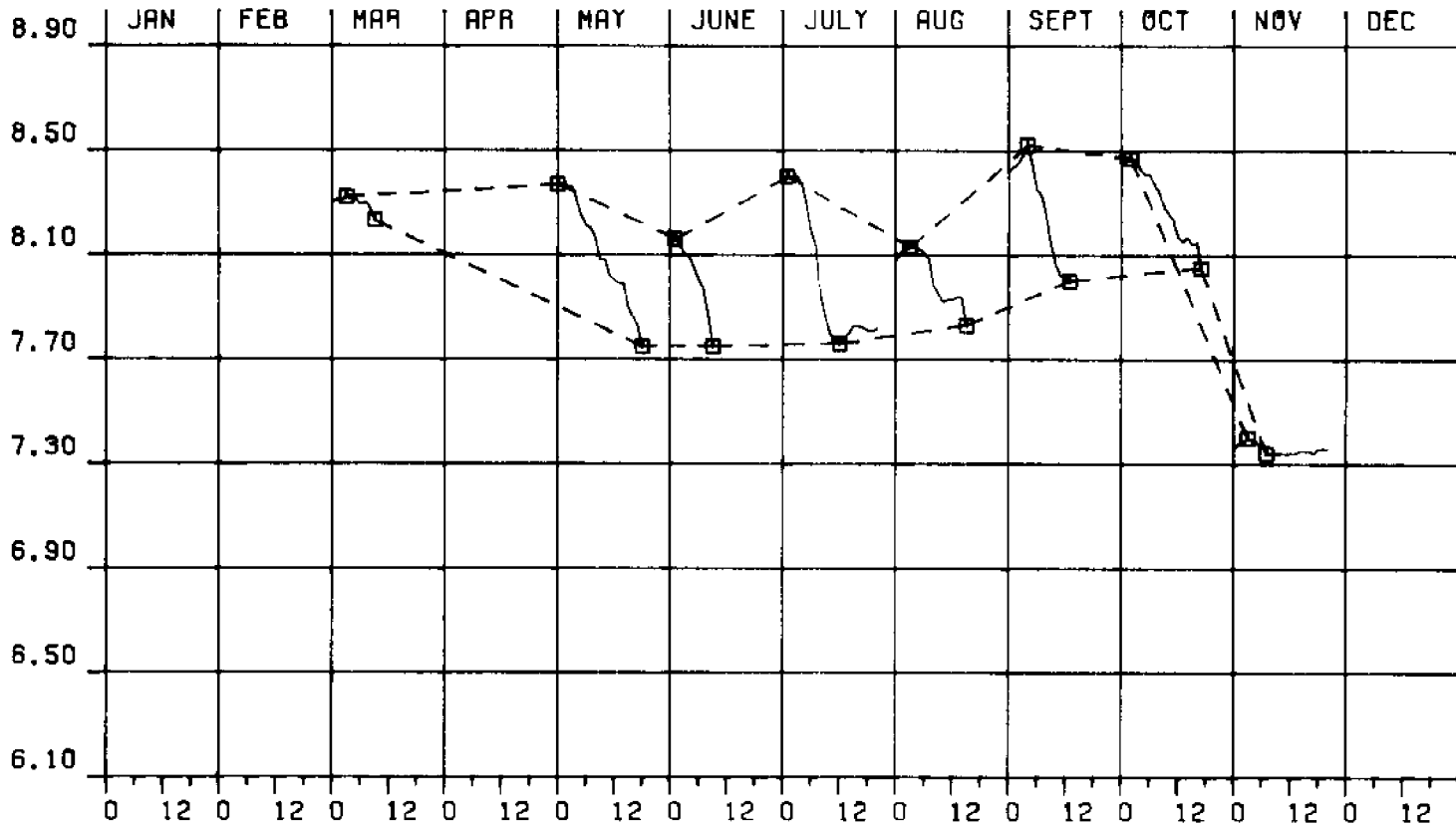
04 400 YARDS SW OF ISLAND WHITE  
 DATE: 1973  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. DISSOLVED OXYGEN PPM



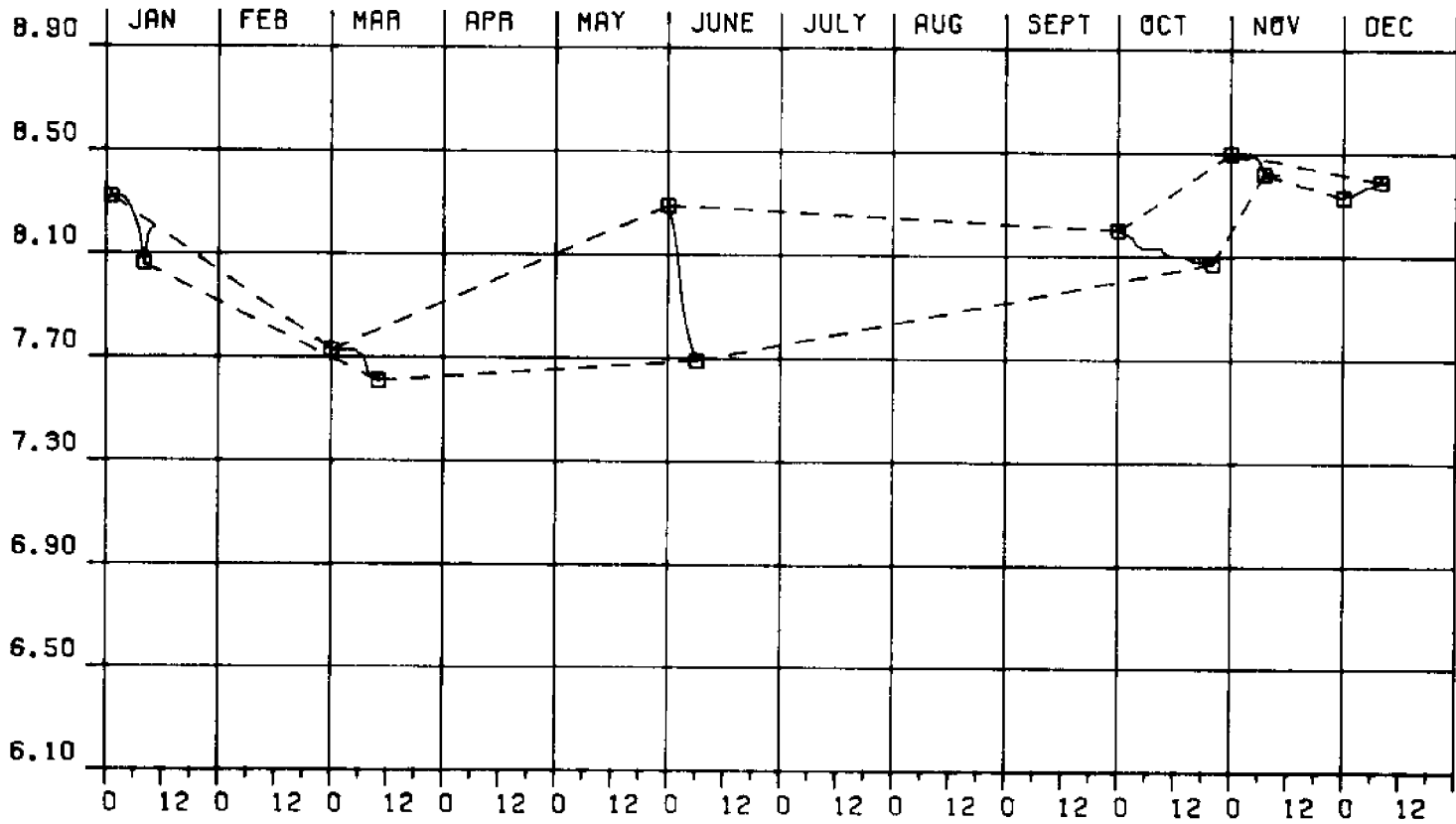
04 400 YARDS SW OF ISLAND WHITE  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. DISSOLVED OXYGEN PPM



04 400 YRDS SW OF ISLAND WHITE  
 DATE: 1973  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. PH H ION CONC



04 400 YRDS SW OF ISLAND WHITE  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. PH H ION CONC



DATE: MARCH 1973  
 STATION: 04 400 YRDS SW OF ISLAND WHITE

DATE: JUNE 1973  
 STATION: 04 400 YRDS SW OF ISLAND WHITE

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O.2 ‰	PH	TURBIDITY %
00	0.0	12.10	53.78	31.50	11.40	8.10	94.00
01	3.28	12.00	53.60	31.80	10.70	8.31	95.00
02	6.56	12.00	53.60	32.10	10.80	8.71	95.00
03	9.84	12.00	53.60	32.10	10.80	8.32	95.00
04	13.12	12.00	53.60	32.20	10.70	8.41	95.00
05	16.40	12.00	53.60	32.30	10.50	8.31	95.00
06	19.68	12.00	53.60	31.30	10.10	8.29	95.00
07	22.96	12.00	53.60	32.30	10.10	8.30	95.00
08	26.24	12.00	53.60	32.30	10.00	8.28	95.00
09	29.52	12.00	53.60	32.30	9.70	8.23	95.00

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O.2 ‰	PH	TURBIDITY %
00	0.0	21.00	69.80	31.90	8.00	8.14	74.00
01	3.28	21.00	69.80	31.20	9.20	8.16	75.00
02	6.56	20.30	68.54	31.60	8.60	8.14	76.00
03	9.84	19.20	66.56	31.70	9.20	8.10	76.00
04	13.12	18.90	66.02	31.70	7.90	8.00	79.00
05	16.40	18.20	64.76	31.10	7.00	8.05	78.00
06	19.68	17.10	62.78	31.10	7.20	8.00	76.00
07	22.96	16.90	62.42	31.00	6.80	7.97	77.00
08	26.24	16.10	60.98	31.70	5.90	7.87	76.00
09	29.52	15.50	59.90	31.90	4.70	7.75	76.00

DATE: APRIL 1973  
 STATION: 04 400 YRDS SW OF ISLAND WHITE

DATE: JULY 1973  
 STATION: 04 400 YRDS SW OF ISLAND WHITE

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O.2 ‰	PH	TURBIDITY %
00	0.0	16.50	61.70	33.50	12.40	-1.00	-1.00
01	3.28	16.50	61.70	33.60	12.40	-1.00	-1.00
02	6.56	16.20	61.16	33.70	12.20	-1.00	-1.00
03	9.84	15.10	49.18	33.70	12.40	-1.00	-1.00
04	13.12	14.00	57.20	33.70	12.40	-1.00	-1.00
05	16.40	13.70	56.66	33.70	12.20	-1.00	-1.00
06	19.68	13.30	55.94	33.70	12.40	-1.00	-1.00
07	22.96	13.00	55.40	33.70	9.50	-1.00	-1.00
08	26.24	13.50	56.30	33.70	7.20	-1.00	-1.00

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O.2 ‰	PH	TURBIDITY %
00	0.0	21.30	70.34	32.50	10.40	8.34	-1.00
01	3.28	21.30	70.34	31.00	10.20	8.40	-1.00
02	6.56	21.00	69.80	31.10	10.30	8.40	-1.00
03	9.84	20.60	69.08	31.20	10.20	8.40	-1.00
04	13.12	19.80	67.64	31.20	10.20	8.37	-1.00
05	16.40	17.50	63.50	31.20	9.30	8.29	-1.00
06	19.68	16.40	61.52	31.50	7.90	8.10	-1.00
07	22.96	16.30	61.34	31.60	7.20	8.13	-1.00
08	26.24	15.20	59.36	31.50	5.50	7.95	-1.00
09	29.52	14.40	57.92	31.60	4.50	7.85	-1.00
10	32.80	13.80	56.84	31.80	4.20	7.80	-1.00
11	36.08	13.20	55.76	31.70	4.30	7.77	-1.00
12	39.36	12.90	55.22	31.60	3.90	7.76	-1.00
13	42.64	12.60	54.68	31.60	4.10	7.74	-1.00
14	45.92	12.60	54.68	31.60	4.30	7.70	-1.00
15	49.20	12.40	54.32	31.30	4.90	7.63	-1.00
16	52.48	11.40	52.52	31.50	4.70	7.63	-1.00
17	55.76	12.40	54.32	31.50	4.40	7.62	-1.00
18	59.04	12.30	54.14	31.50	4.60	7.61	-1.00
19	62.32	12.70	54.86	31.40	4.60	7.61	-1.00
20	65.60	12.30	54.14	31.40	4.60	7.62	-1.00

DATE: MAY 1973  
 STATION: 04 400 YRDS SW OF ISLAND WHITE

DATE: AUGUST 1973  
 STATION: 04 400 YRDS SW OF ISLAND WHITE

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O.2 ‰	PH	TURBIDITY %
00	0.0	15.10	59.18	33.20	10.20	8.37	-1.00
01	3.28	16.30	61.34	33.30	10.10	8.37	-1.00
02	6.56	16.20	61.16	33.50	10.10	8.36	-1.00
03	9.84	16.10	60.98	33.50	10.10	8.36	-1.00
04	13.12	15.40	60.44	33.70	9.50	8.40	-1.00
05	16.40	15.10	59.18	33.90	9.10	8.25	-1.00
06	19.68	14.80	58.64	33.80	8.30	8.21	-1.00
07	22.96	14.80	58.64	33.70	8.30	8.20	-1.00
08	26.24	14.60	58.28	33.60	7.90	8.15	-1.00
09	29.52	14.40	57.92	33.60	6.40	8.08	-1.00
10	32.80	14.00	57.20	33.90	5.10	8.04	-1.00
11	36.08	13.50	56.30	33.90	4.90	8.02	-1.00
12	39.36	13.00	55.40	33.70	4.70	8.00	-1.00
13	42.64	13.80	56.84	33.70	4.80	7.99	-1.00
14	45.92	13.60	56.48	33.70	4.80	7.94	-1.00
15	49.20	13.70	56.66	33.80	3.90	7.90	-1.00
16	52.48	13.60	56.48	33.80	3.30	7.85	-1.00
17	55.76	13.50	56.30	33.80	3.00	7.83	-1.00
18	59.04	13.40	56.12	33.80	2.20	7.75	-1.00

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O.2 ‰	PH	TURBIDITY %
00	0.0	20.00	68.00	31.90	8.60	8.08	-1.00
01	3.28	19.80	67.64	32.90	9.20	8.11	-1.00
02	6.56	19.60	67.28	31.10	9.20	8.12	-1.00
03	9.84	19.00	66.20	31.30	9.00	8.13	-1.00
04	13.12	19.40	66.92	31.70	9.30	8.13	-1.00
05	16.40	19.20	66.56	31.40	8.50	8.12	-1.00
06	19.68	19.00	66.20	31.40	9.20	8.11	-1.00
07	22.96	18.40	65.12	31.40	8.20	8.08	-1.00
08	26.24	17.80	64.04	31.40	7.20	7.98	-1.00
09	29.52	17.40	63.32	31.40	6.60	7.95	-1.00
10	32.80	17.30	63.14	31.40	6.30	7.92	-1.00
11	36.08	17.30	63.14	31.40	6.40	7.93	-1.00
12	39.36	17.10	62.78	31.40	5.40	7.93	-1.00
13	42.64	17.30	63.14	31.30	5.40	7.94	-1.00
14	45.92	17.30	63.14	31.40	6.20	7.94	-1.00
15	49.20	17.30	62.96	31.40	5.40	7.93	-1.00

MISSING DATA VALUE IS -1.0

DATE: SEPTEMBER 1973

STATION: D4 400 YRDS SW OF ISLAND WHITE

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PPT	D.O2 PPM	PH	TURBIDITY %
00	0.0	19.00	66.20	33.30	8.30	8.42	74.00
01	3.28	19.00	66.20	33.10	8.10	8.44	74.00
02	6.56	19.30	66.70	33.30	8.30	8.45	73.50
03	9.84	19.30	66.70	33.40	8.50	8.48	77.00
04	13.12	18.50	65.30	33.20	9.00	8.52	78.00
05	16.40	17.70	63.86	33.40	9.20	8.45	77.50
06	19.68	16.90	62.42	33.30	7.20	8.35	82.00
07	22.96	16.30	61.34	33.40	6.80	8.33	84.00
08	26.24	15.70	60.26	33.30	5.70	8.25	85.00
09	29.52	15.00	59.00	34.00	3.70	8.14	85.00
10	32.80	14.40	57.92	34.10	3.10	8.05	81.50
11	36.08	14.70	58.46	34.00	2.70	8.02	70.00
12	39.36	14.70	58.46	34.30	2.50	8.01	49.00
13	42.64	14.50	58.10	34.20	2.80	8.00	-1.00

DATE: OCTOBER 1973

STATION: D4 400 YRDS SW OF ISLAND WHITE

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PPT	D.O2 PPM	PH	TURBIDITY %
00	0.0	17.50	63.50	33.30	7.90	8.44	74.50
01	3.28	17.20	62.96	33.10	8.40	8.46	75.00
02	6.56	17.20	62.96	33.20	8.40	8.47	75.00
03	9.84	17.10	62.78	33.20	8.50	8.46	74.00
04	13.12	16.80	62.24	33.30	8.10	8.43	76.00
05	16.40	16.50	61.70	33.30	7.70	8.41	79.00
06	19.68	16.00	60.80	33.40	7.80	8.41	72.00
07	22.96	15.80	60.44	33.50	7.40	8.37	84.00
08	26.24	15.50	59.90	33.50	7.00	8.34	83.00
09	29.52	15.30	59.54	33.45	6.80	8.29	80.00
10	32.80	15.20	59.36	33.45	6.40	8.26	77.00
11	36.08	15.00	59.00	33.50	6.00	8.24	72.00
12	39.36	14.70	58.46	33.40	5.80	8.17	59.50
13	42.64	14.60	58.28	33.50	5.60	8.15	58.70
14	45.92	14.50	58.10	33.45	5.45	8.17	57.50
15	49.20	14.40	57.92	33.45	5.10	8.14	61.00
16	52.48	14.30	57.74	33.40	5.00	8.15	67.00
17	55.76	14.10	57.38	33.45	4.90	8.05	60.00

MISSING DATA VALUE IS -1.0

DATE: NOVEMBER 1973

STATION: D4 400 YRDS SW OF ISLAND WHITE

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PPT	D.O2 PPM	PH	TURBIDITY %
00	0.0	12.80	55.04	33.60	7.50	7.36	79.00
01	3.28	12.80	55.04	33.30	7.60	7.38	81.00
02	6.56	12.80	55.04	33.30	7.60	7.39	82.00
03	9.84	12.80	55.04	33.30	7.70	7.40	82.00
04	13.12	12.80	55.04	33.40	7.50	7.39	83.00
05	16.40	12.80	55.04	33.45	7.20	7.38	84.00
06	19.68	12.80	55.04	33.50	7.20	7.37	85.00
07	22.96	12.80	55.04	33.60	6.60	7.34	85.50
08	26.24	12.80	55.04	33.60	6.60	7.34	80.50
09	29.52	12.80	55.04	33.60	6.40	7.34	76.00
10	32.80	12.80	55.04	33.60	6.00	7.34	74.00
11	36.08	12.80	55.04	33.65	6.62	7.34	73.00
12	39.36	12.80	55.04	33.60	6.62	7.34	72.50
13	42.64	12.80	55.04	33.60	6.62	7.34	73.00
14	45.92	12.80	55.04	33.65	6.20	7.35	70.50
15	49.20	12.80	55.04	33.65	6.10	7.35	71.00
16	52.48	12.80	55.04	33.60	6.20	7.35	70.00
17	55.76	12.80	55.04	33.60	6.20	7.34	71.00
18	59.04	12.80	55.04	33.60	6.10	7.34	71.00
19	62.32	12.80	55.04	33.65	6.10	7.34	69.00
20	65.60	12.75	54.95	33.65	6.00	7.36	70.00

DATE: DECEMBER 1973

STATION: D4 400 YRDS SW OF ISLAND WHITE

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PPT	D.O2 PPM	PH	TURBIDITY %
00	0.0	12.20	53.96	33.60	8.50	-1.00	67.50
01	3.28	12.20	53.96	33.60	8.60	-1.00	68.00
02	6.56	12.20	53.96	33.60	8.50	-1.00	72.00
03	9.84	12.20	53.96	33.60	8.40	-1.00	75.00
04	13.12	12.20	53.96	33.60	7.90	-1.00	75.00
05	16.40	12.20	53.96	33.60	7.80	-1.00	78.00
06	19.68	12.20	53.96	33.60	7.60	-1.00	80.00
07	22.96	12.20	53.96	33.60	7.40	-1.00	80.00
08	26.24	12.20	53.96	33.60	7.20	-1.00	80.50
09	29.52	12.20	53.96	33.60	7.00	-1.00	81.00
10	32.80	12.20	53.96	33.60	6.40	-1.00	73.00
11	36.08	12.20	53.96	33.60	6.50	-1.00	68.00

DATE: JANUARY 1974

STATION: D4 400 YRDS SW OF ISLAND WHITE

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PPT	D.O2 PPM	PH	TURBIDITY %
00	0.0	17.20	63.16	33.45	9.70	8.31	87.00
01	3.28	17.20	63.16	33.45	9.70	8.32	86.50
02	6.56	17.20	63.16	33.40	9.70	8.32	86.50
03	9.84	17.20	63.16	33.50	9.60	8.32	87.00
04	13.12	17.20	63.16	33.50	9.40	8.31	87.00
05	16.40	17.10	62.78	33.60	9.10	8.28	87.50
06	19.68	17.00	62.60	33.60	9.50	8.24	88.00
07	22.96	17.00	62.60	33.60	9.20	8.16	86.00
08	26.24	17.00	62.60	33.70	8.40	8.04	84.50
09	29.52	17.00	62.60	33.70	8.30	8.18	79.00
10	32.80	17.00	62.60	33.70	8.20	8.20	68.00

MISSING DATA VALUE IS -1.0

DATE: FEBRUARY 1974

STATION: 04 400 YRDS SW OF ISLAND WHITE

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY 0/00	D.O.2 PPM	PH	TURBIDITY %
00	0.0	14.40	57.92	33.35	9.40	-1.00	96.50
01	3.28	14.30	57.74	33.45	9.30	-1.00	87.00
02	6.56	14.30	57.74	33.45	9.30	-1.00	89.50
03	9.84	14.30	57.74	33.45	9.20	-1.00	87.50
04	13.12	14.20	57.56	33.45	9.20	-1.00	90.00
05	16.40	14.00	57.20	33.50	9.20	-1.00	90.00
06	19.68	13.90	57.02	33.50	8.90	-1.00	89.50
07	22.96	13.70	56.66	33.55	8.50	-1.00	85.00
08	26.24	13.30	55.94	33.55	7.90	-1.00	62.00
09	29.52	13.20	55.76	33.60	7.70	-1.00	79.00
10	32.80	13.10	55.58	33.60	7.10	-1.00	66.50

DATE: MARCH 1974

STATION: 04 400 YRDS SW OF ISLAND WHITE

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY 0/00	D.O.2 PPM	PH	TURBIDITY %
00	0.0	14.40	57.92	33.20	7.90	7.73	-1.00
01	3.28	14.40	57.92	33.20	7.80	7.73	-1.00
02	6.56	14.40	57.92	33.20	7.40	7.73	-1.00
03	9.84	14.40	57.92	33.25	7.90	7.73	-1.00
04	13.12	14.40	57.92	33.30	7.80	7.73	-1.00
05	16.40	14.30	57.74	33.30	7.90	7.73	-1.00
06	19.68	14.30	57.74	33.35	7.70	7.71	-1.00
07	22.96	14.30	57.74	33.40	7.70	7.70	-1.00
08	26.24	13.90	57.02	33.45	7.10	7.63	-1.00
09	29.52	13.70	56.66	33.45	6.90	7.62	-1.00
10	32.80	13.70	56.66	33.45	6.80	7.61	-1.00
11	36.08	13.70	56.66	33.50	6.80	7.61	-1.00

DATE: APRIL 1974

STATION: 04 400 YRDS SW OF ISLAND WHITE

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY 0/00	D.O.2 PPM	PH	TURBIDITY %
00	0.0	15.00	59.00	33.25	9.30	-1.00	78.00
01	3.24	14.90	58.82	33.50	8.90	-1.00	85.00
02	6.56	14.90	58.82	33.50	8.80	-1.00	80.00
03	9.84	14.90	58.82	33.70	8.70	-1.00	76.00
04	13.12	14.80	58.64	33.70	8.50	-1.00	78.50
05	16.40	14.70	58.46	33.80	8.10	-1.00	81.50
06	19.68	14.70	58.46	33.70	7.90	-1.00	82.00
07	22.96	14.70	58.46	33.65	7.70	-1.00	82.00
08	26.24	14.70	58.46	33.65	7.70	-1.00	83.00
09	29.52	14.60	58.28	33.90	6.10	-1.00	60.00

MISSING DATA VALUE IS -1.0

DATE: MAY 1974

STATION: 04 400 YRDS SW OF ISLAND WHITE

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY 0/00	D.O.2 PPM	PH	TURBIDITY %
00	0.0	17.90	64.22	-1.00	11.10	-1.00	55.00
01	3.28	17.50	63.50	-1.00	10.50	-1.00	64.50
02	6.56	17.20	62.96	-1.00	10.30	-1.00	74.00
03	9.84	16.90	62.42	-1.00	10.00	-1.00	71.50
04	13.12	16.60	61.88	-1.00	9.90	-1.00	60.00
05	16.40	16.50	61.70	-1.00	9.90	-1.00	79.50
06	19.68	16.90	62.42	-1.00	9.50	-1.00	75.00
07	22.96	16.70	62.06	-1.00	9.20	-1.00	72.00
08	26.24	16.50	61.70	-1.00	9.00	-1.00	74.00
09	29.52	16.20	59.16	-1.00	7.60	-1.00	-1.00

DATE: JUNE 1974

STATION: 04 400 YRDS SW OF ISLAND WHITE

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY 0/00	D.O.2 PPM	PH	TURBIDITY %
00	0.0	19.40	66.92	29.00	10.10	8.29	62.00
01	3.28	18.60	65.48	29.20	10.30	8.21	62.00
02	6.56	17.50	63.50	29.30	9.80	8.09	65.00
03	9.84	16.90	62.42	29.50	6.50	7.90	65.50
04	13.12	16.20	61.16	29.70	6.50	7.41	66.50
05	16.40	15.60	59.98	29.90	3.90	7.74	72.00
06	19.68	15.00	59.00	30.10	3.00	7.69	71.00

+ Possible probe malfunction

DATE: JULY 1974

STATION: 04 400 YRDS SW OF ISLAND WHITE

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY 0/00	D.O.2 PPM	PH	TURBIDITY %
00	0.0	22.50	72.50	32.50	-1.00	-1.00	77.00
01	3.28	21.80	71.24	32.60	-1.00	-1.00	75.50
02	6.56	21.70	71.06	32.30	-1.00	-1.00	81.50
03	9.84	21.40	70.52	32.30	-1.00	-1.00	83.00
04	13.12	20.80	69.44	32.80	-1.00	-1.00	83.50
05	16.40	20.30	68.54	32.70	-1.00	-1.00	85.50
06	19.68	20.00	68.00	32.70	-1.00	-1.00	81.00
07	22.96	19.10	66.38	33.40	-1.00	-1.00	81.50
08	26.24	17.90	64.22	33.20	-1.00	-1.00	82.00
09	29.52	17.50	63.50	33.00	-1.00	-1.00	75.00

MISSING DATA VALUE IS -1.0

DATE: AUGUST 1974

STATION: 04 400 YRDS SW OF ISLAND WHITE

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY 0/00	D.O2 PPM	PH H. ION CONC	TURBIDITY %
00	0.0	20.80	69.44	31.50	9.70	-1.00	88.00
01	3.28	18.80	65.84	32.10	9.70	-1.00	77.00
02	6.56	18.70	65.66	32.20	10.00	-1.00	84.00
03	9.84	18.50	65.30	32.30	9.30	-1.00	86.00
04	13.12	17.60	63.68	32.40	7.80	-1.00	80.50
05	16.40	17.20	62.96	32.40	7.40	-1.00	80.00
06	19.68	17.00	62.60	32.40	6.10	-1.00	74.00
07	22.96	16.80	62.24	32.20	5.60	-1.00	70.00
08	26.24	15.90	60.62	32.60	4.80	-1.00	60.00
09	29.52	15.70	60.26	32.60	4.90	-1.00	57.50
10	32.80	15.50	59.90	32.70	5.30	-1.00	56.00
11	36.08	15.50	59.90	32.70	5.50	-1.00	62.00
12	39.36	15.40	59.72	32.80	5.70	-1.00	61.50
13	42.64	15.40	59.72	32.80	5.70	-1.00	66.00
14	45.92	15.30	59.54	32.90	5.70	-1.00	64.00
15	49.20	15.30	59.54	32.90	5.80	-1.00	62.00
16	52.48	15.20	59.36	32.90	5.90	-1.00	-1.00
17	55.76	15.20	59.36	32.90	5.90	-1.00	-1.00
18	59.04	15.20	59.36	32.90	5.90	-1.00	-1.00
19	62.32	15.20	59.36	32.90	6.00	-1.00	-1.00
20	65.60	15.20	59.36	32.90	6.90	-1.00	-1.00

DATE: OCTOBER 1974

STATION: 04 400 YRDS SW OF ISLAND WHITE

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY 0/00	D.O2 PPM	PH H. ION CONC	TURBIDITY %
00	0.0	15.80	60.44	33.35	2.50	8.20	61.00
01	3.28	15.80	60.44	33.40	2.50	8.19	71.00
02	6.56	15.80	60.44	33.45	2.50	8.18	73.50
03	9.84	15.80	60.44	33.50	2.80	8.17	75.50
04	13.12	15.00	59.00	33.80	2.80	8.14	76.00
05	16.40	14.80	58.64	33.90	2.80	8.13	75.50
06	19.68	14.80	58.64	33.95	6.40	8.13	76.00
07	22.96	14.70	58.46	33.95	8.40	8.13	75.50
08	26.24	14.60	58.28	33.90	8.30	8.13	71.50
09	29.52	14.60	58.28	33.90	8.20	8.13	70.00
10	32.80	14.40	57.92	34.15	8.00	8.11	66.50
11	36.08	14.30	57.74	34.00	7.60	8.10	60.50
12	39.36	14.20	57.56	33.95	8.20	8.10	60.00
13	42.64	14.20	57.56	34.00	3.90	8.10	60.00
14	45.92	14.20	57.56	34.00	8.00	8.10	59.00
15	49.20	14.10	57.38	33.95	3.50	8.09	61.00
16	52.48	14.00	57.20	33.90	-1.00	8.08	65.00
17	55.76	14.00	57.20	33.90	-1.00	8.08	65.00
18	59.04	13.90	57.02	33.90	-1.00	8.08	55.00
19	62.32	13.90	57.02	33.90	-1.00	8.08	48.50
20	65.60	13.90	57.02	33.90	-1.00	8.07	-1.00

DATE: NOVEMBER 1974

STATION: 04 400 YRDS SW OF ISLAND WHITE

DATE: SEPTEMBER 1974

STATION: 04 400 YRDS SW OF ISLAND WHITE

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY 0/00	D.O2 PPM	PH H. ION CONC	TURBIDITY %
00	0.0	20.20	68.36	32.30	6.40	-1.00	62.00
01	3.28	20.10	68.18	33.10	7.80	-1.00	62.00
02	6.56	20.00	68.00	33.30	8.40	-1.00	71.50
03	9.84	19.60	67.28	33.50	8.40	-1.00	73.50
04	13.12	19.20	66.56	33.60	9.70	-1.00	74.00
05	16.40	19.00	66.20	33.50	9.60	-1.00	77.00
06	19.68	18.80	65.84	33.50	7.80	-1.00	73.00
07	22.96	18.40	65.12	33.60	6.60	-1.00	74.50
08	26.24	17.80	64.04	33.90	4.50	-1.00	69.00
09	29.52	17.00	62.60	34.00	2.40	-1.00	40.00

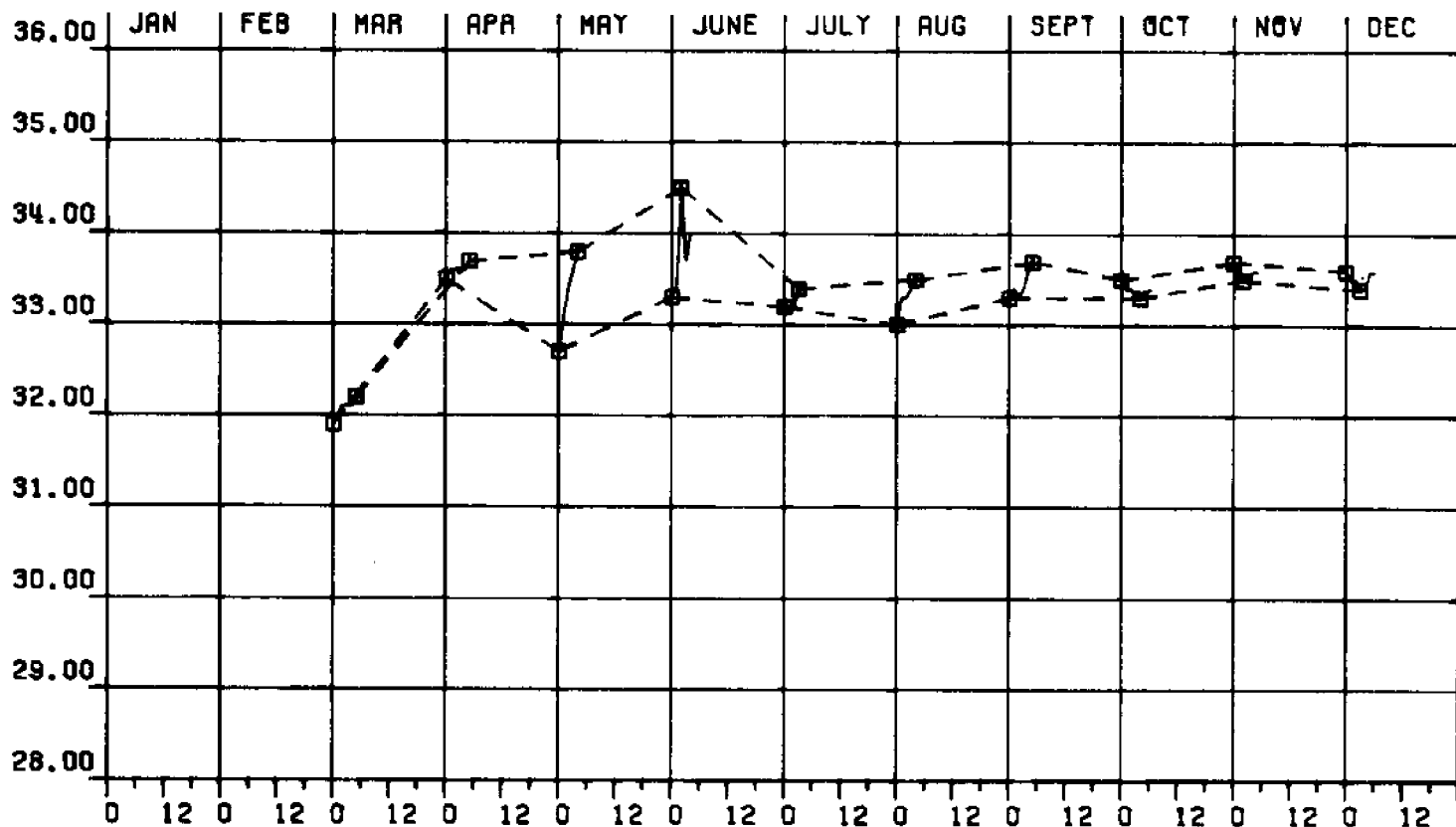
MISSING DATA VALUE IS -1.0

DATE: DECEMBER 1974

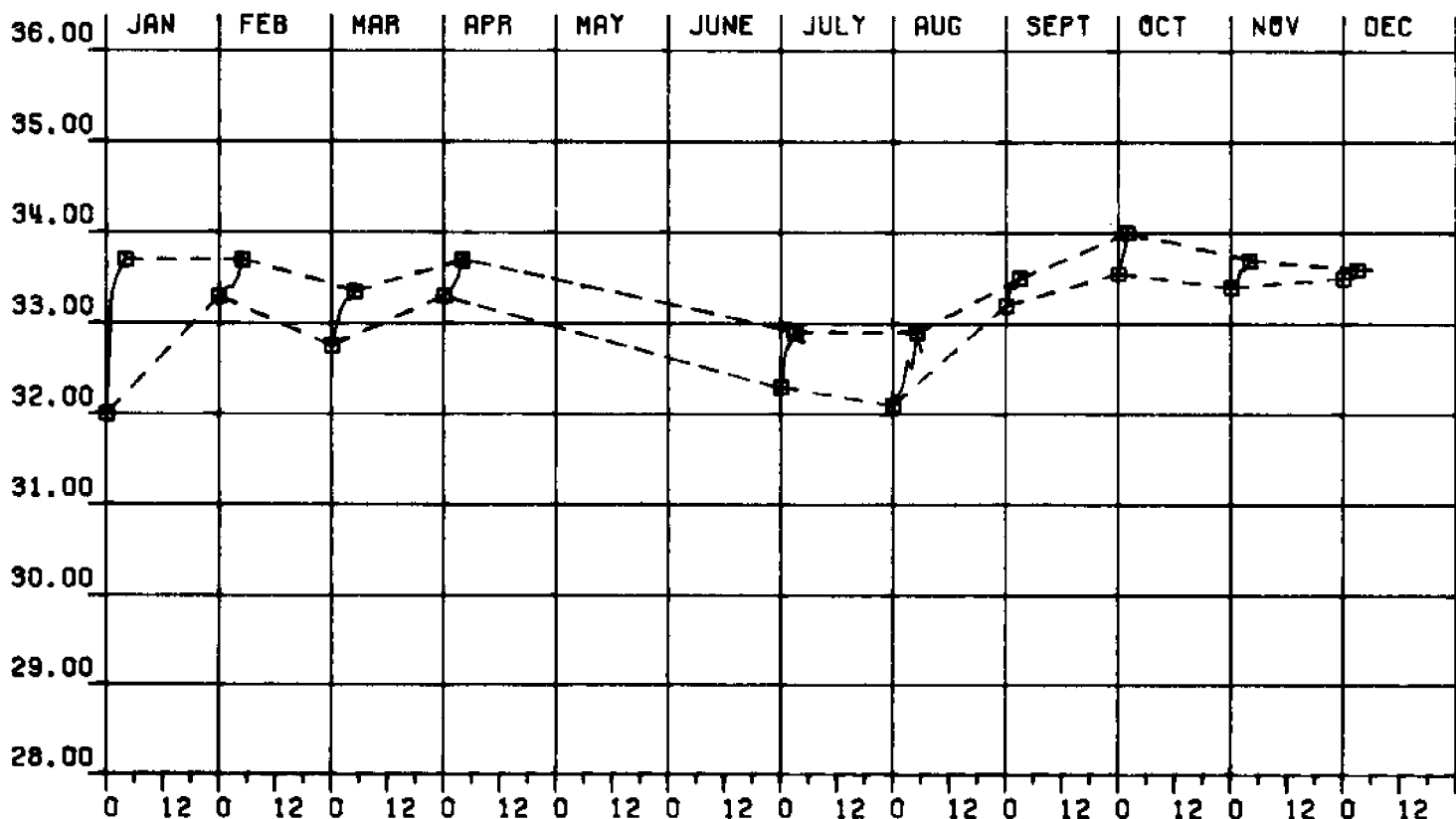
STATION: 04 400 YRDS SW OF ISLAND WHITE

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY 0/00	D.O2 PPM	PH H. ION CONC	TURBIDITY %
00	0.0	13.50	56.30	33.10	7.00	8.33	66.50
01	3.28	13.50	56.30	33.40	7.20	8.34	66.50
02	6.56	13.50	56.30	33.50	7.20	8.34	68.00
03	9.84	13.50	56.30	33.50	7.10	8.35	67.50
04	13.12	13.60	56.48	33.50	7.00	8.36	67.50
05	16.40	13.60	56.48	33.60	7.10	8.37	67.00
06	19.68	13.50	56.30	33.60	7.10	8.37	66.00
07	22.96	13.50	56.30	33.60	7.10	8.38	65.00
08	26.24	13.60	56.48	33.60	7.10	8.39	66.50
09	29.52	13.60	56.48	33.60	6.90	8.39	66.00

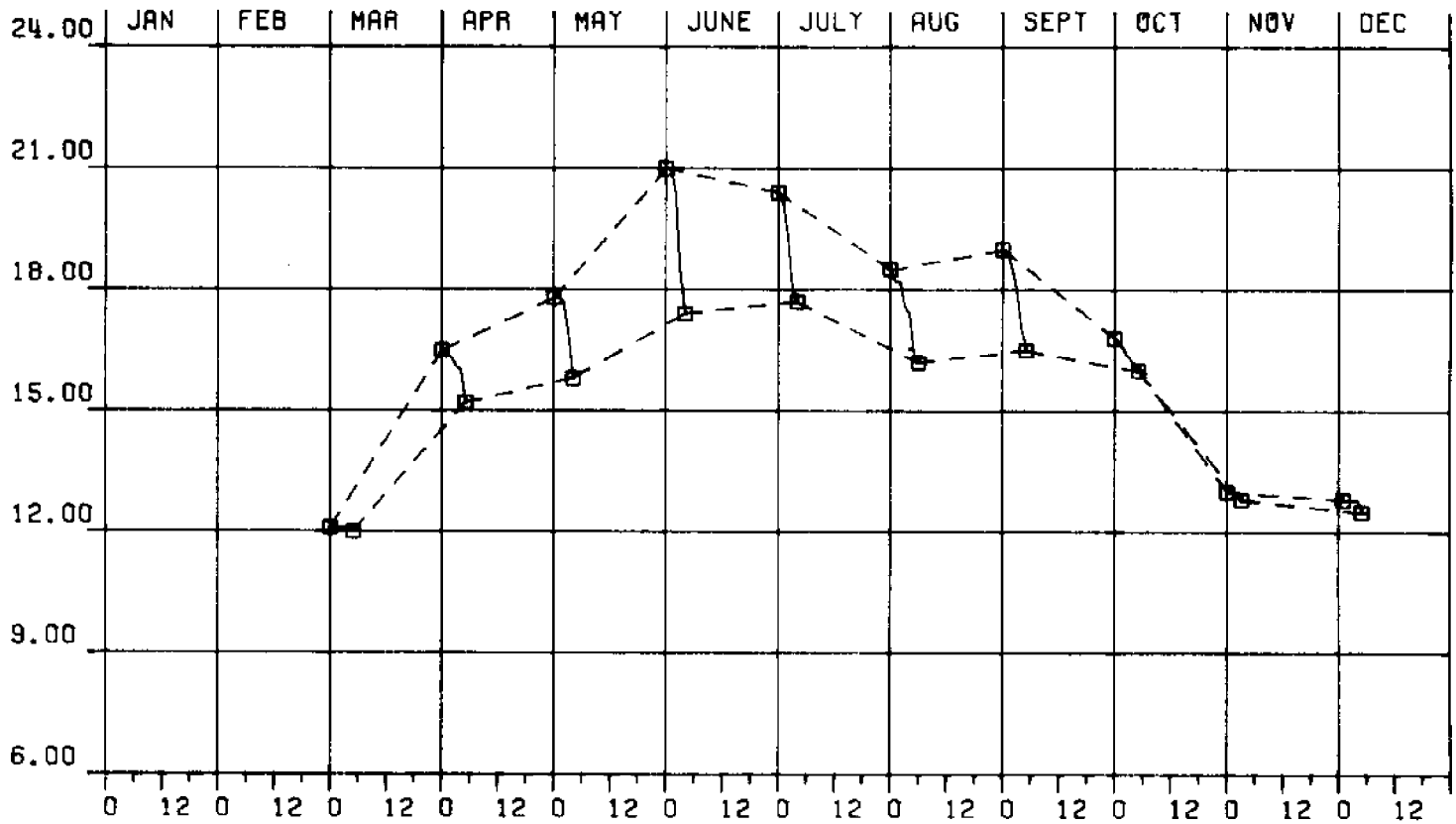
05 .45 NAUT M. NE OF ISLAND CHAFFEE  
 DATE: 1973  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. SALINITY PPT



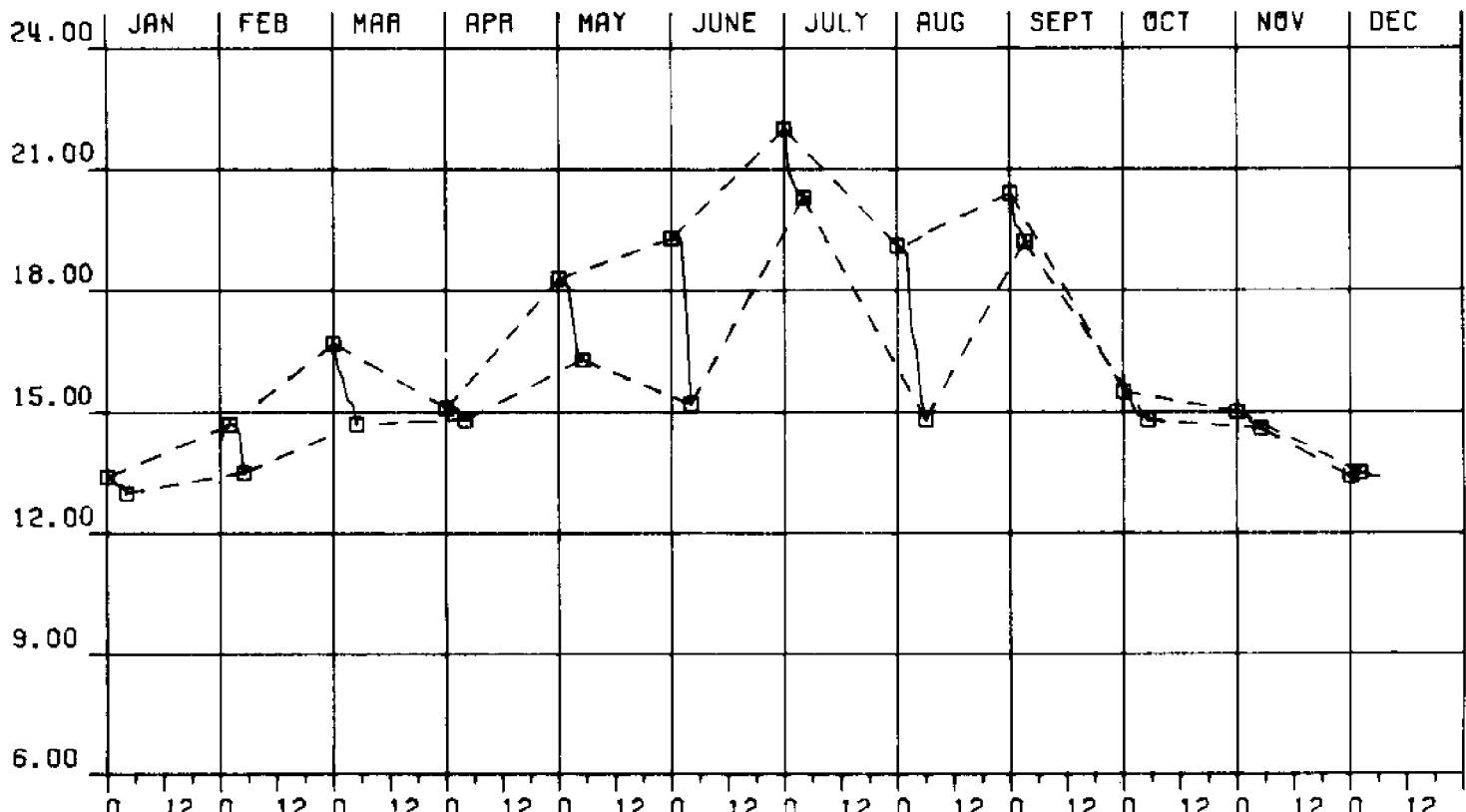
05 .45 NAUT M. NE OF ISLAND CHAFFEE  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. SALINITY PPT



05 .45 NAUT M. NE OF ISLAND CHAFFEE  
 DATE: 1973  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. TEMPERATURE CELSIUS

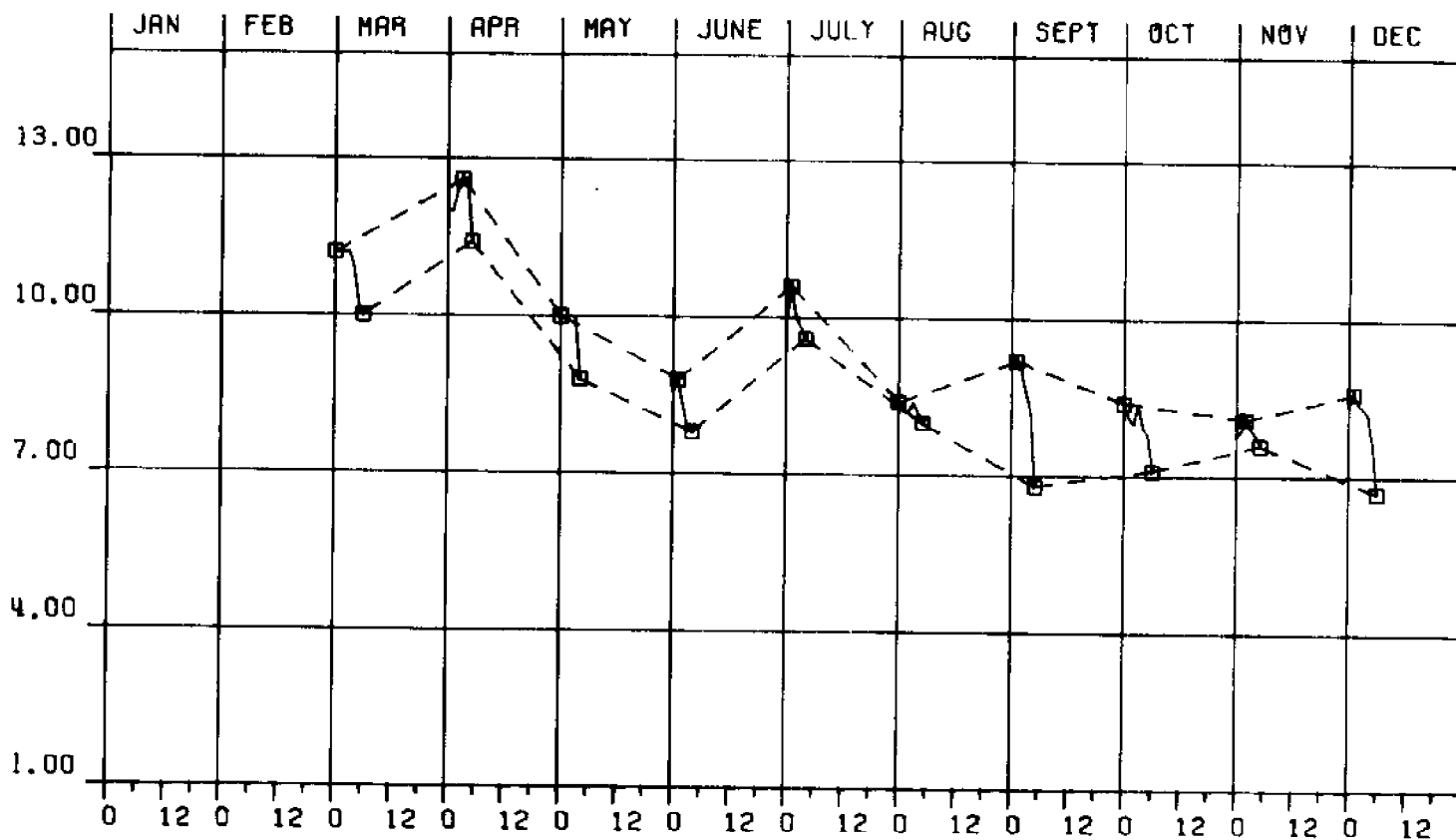


05 .45 NAUT M. NE OF ISLAND CHAFFEE  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. TEMPERATURE CELSIUS

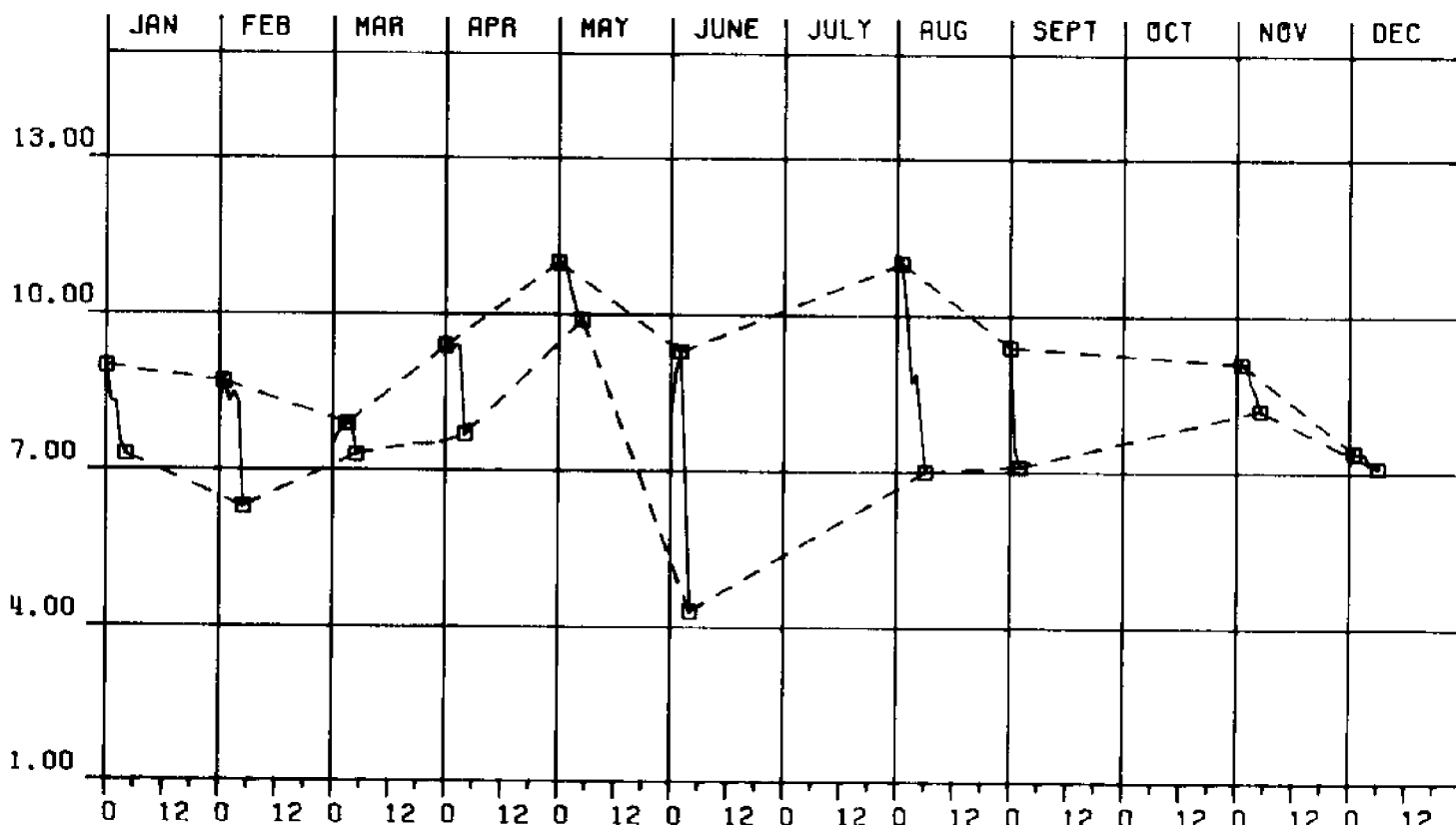




05 .45 NAUT M. NE OF ISLAND CHAFFEE  
 DATE: 1973  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. DISSOLVED OXYGEN PPM



05 .45 NAUT M. NE OF ISLAND CHAFFEE  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. DISSOLVED OXYGEN PPM





DATE: MARCH 1973  
 STATION: 05 0.45 NAUT M. NE OF ISLAND CHAFFEE

DATE: JULY 1973  
 STATION: 05 0.45 NAUT M. NE OF ISLAND CHAFFEE

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/00	D.O2 PPM	PH	TURBIDITY %
00	0.0	12.10	53.78	31.90	11.20	8.31	90.00
01	3.28	12.10	53.78	32.00	11.20	8.32	90.00
02	6.56	12.10	53.78	32.10	11.20	8.31	90.00
03	9.84	12.10	53.78	32.10	11.20	8.33	90.00
04	13.12	12.10	53.78	32.10	10.90	8.32	87.00
05	16.40	12.00	53.60	32.20	10.20	8.30	84.00
06	19.68	12.00	53.60	32.20	10.00	8.29	80.00

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/00	D.O2 PPM	PH	TURBIDITY %
00	0.0	20.40	68.72	33.20	10.00	8.37	-1.00
01	3.28	20.20	68.36	33.20	10.00	8.39	-1.00
02	6.56	19.30	66.74	33.20	10.00	8.38	-1.00
03	9.84	18.00	64.40	33.40	9.80	8.31	-1.00
04	13.12	17.70	63.86	33.40	9.60	8.29	-1.00

DATE: APRIL 1973  
 STATION: 05 0.45 NAUT M. NE OF ISLAND CHAFFEE

DATE: AUGUST 1973  
 STATION: 05 0.45 NAUT M. NE OF ISLAND CHAFFEE

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/00	D.O2 PPM	PH	TURBIDITY %
00	0.0	16.50	61.70	33.50	12.00	-1.00	-1.00
01	3.28	16.40	61.52	33.60	12.00	-1.00	-1.00
02	6.56	16.30	61.34	33.60	12.40	-1.00	-1.00
03	9.84	16.10	60.98	33.60	12.40	-1.00	-1.00
04	13.12	16.00	60.80	33.60	12.60	-1.00	-1.00
05	16.40	15.20	59.36	33.70	11.40	-1.00	-1.00

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/00	D.O2 PPM	PH	TURBIDITY %
00	0.0	18.50	65.30	33.00	8.40	8.01	-1.00
01	3.28	18.20	64.76	33.10	8.20	8.03	-1.00
02	6.56	18.20	64.76	33.30	8.20	8.04	-1.00
03	9.84	17.60	63.68	33.40	8.40	8.05	-1.00
04	13.12	17.40	63.32	33.50	8.20	8.05	-1.00
05	16.40	16.40	61.52	33.50	8.00	8.03	-1.00
06	19.68	16.20	61.16	33.50	8.10	8.02	-1.00

DATE: MAY 1973  
 STATION: 05 0.45 NAUT M. NE OF ISLAND CHAFFEE

DATE: SEPTEMBER 1973  
 STATION: 05 0.45 NAUT M. NE OF ISLAND CHAFFEE

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/00	D.O2 PPM	PH	TURBIDITY %
00	0.0	17.80	64.04	32.70	10.00	8.36	-1.00
01	3.28	17.80	64.04	33.10	10.00	8.36	-1.00
02	6.56	17.70	63.86	33.40	10.00	8.38	-1.00
03	9.84	16.90	62.42	33.60	10.00	8.37	-1.00
04	13.12	15.80	60.44	33.80	8.80	8.26	-1.00

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/00	D.O2 PPM	PH	TURBIDITY %
00	0.0	19.00	66.20	33.30	9.10	8.48	73.00
01	3.28	18.90	66.02	33.40	9.20	8.48	76.00
02	6.56	18.50	65.30	33.30	9.30	8.42	70.00
03	9.84	17.90	64.22	33.40	8.60	8.41	77.20
04	13.12	17.00	62.60	33.60	8.20	8.37	61.80
05	16.40	16.50	61.70	33.70	8.80	8.29	81.00

DATE: JUNE 1973  
 STATION: 05 0.45 NAUT M. NE OF ISLAND CHAFFEE

DATE: OCTOBER 1973  
 STATION: 05 0.45 NAUT M. NE OF ISLAND CHAFFEE

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/00	D.O2 PPM	PH	TURBIDITY %
00	0.0	21.00	69.80	33.30	8.60	8.04	73.00
01	3.28	21.00	69.80	33.40	8.80	8.08	76.00
02	6.56	20.40	68.72	34.50	8.10	8.09	76.00
03	9.84	19.40	66.92	33.70	7.90	8.03	76.00
04	13.12	17.40	63.32	34.00	7.80	8.02	78.00

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/00	D.O2 PPM	PH	TURBIDITY %
00	0.0	16.80	62.24	33.50	8.40	8.40	72.00
01	3.28	16.70	62.06	33.40	8.10	8.40	75.00
02	6.56	16.50	61.70	33.40	8.00	8.39	75.00
03	9.84	16.30	61.34	33.35	8.40	8.40	76.00
04	13.12	16.20	61.16	33.30	7.90	8.41	75.00
05	16.40	16.00	60.80	33.35	7.80	8.40	74.00
06	19.68	16.00	60.80	33.40	7.10	8.36	73.50

MISSING DATA VALUE IS -1.0

MISSING DATA VALUE IS -1.0

DATE: NOVEMBER 1973

STATION: 03 145 NAUT M. NE OF ISLAND CHAFFLE

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PPT	D.O.2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	14.00	55.40	33.70	7.80	7.34	76.00
01	3.28	13.00	55.40	33.60	7.90	7.30	79.00
02	6.56	13.00	55.40	33.50	8.10	7.28	77.00
03	9.84	12.80	55.04	33.51	7.90	7.34	76.50
04	13.12	12.80	55.04	33.60	7.80	7.39	77.00
05	16.40	12.90	55.04	33.60	7.60	7.34	76.00

DATE: DECEMBER 1973

STATION: 05 145 NAUT M. NE OF ISLAND CHAFFLE

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PPT	D.O.2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	12.70	54.86	33.60	8.40	-1.00	60.00
01	3.28	12.80	55.04	33.50	8.60	-1.00	60.00
02	6.56	12.80	55.04	33.50	8.40	-1.00	62.00
03	9.84	12.80	55.04	33.40	8.30	-1.00	63.50
04	13.12	12.80	55.04	33.40	8.20	-1.00	65.00
05	16.40	12.80	54.50	33.50	7.60	-1.00	64.50
06	19.68	12.50	54.50	33.60	6.70	-1.00	-1.00

DATE: JANUARY 1974

STATION: 05 145 NAUT M. NE OF ISLAND CHAFFLE

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PPT	D.O.2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	13.40	56.12	32.00	9.00	8.24	72.00
01	3.28	13.20	55.94	31.90	9.10	8.21	76.00
02	6.56	13.20	55.76	32.50	8.30	8.22	76.50
03	9.84	13.20	55.76	32.60	7.80	8.16	75.00
04	13.12	13.00	55.40	32.70	7.10	8.14	71.00

DATE: FEBRUARY 1974

STATION: 03 145 NAUT M. NE OF ISLAND CHAFFLE

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PPT	D.O.2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	14.30	57.74	31.30	8.30	-1.00	91.50
01	3.28	14.00	57.20	32.75	8.70	-1.00	53.50
02	6.56	14.70	58.46	33.40	8.30	-1.00	51.00
03	9.84	14.70	58.46	33.40	8.50	-1.00	64.00
04	13.12	14.50	58.10	33.50	8.30	-1.00	61.00
05	16.40	13.50	56.30	33.70	8.30	-1.00	54.00

MISSING DATA VALUE IS -1.00

DATE: MARCH 1974

STATION: 05 145 NAUT M. NE OF ISLAND CHAFFLE

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PPT	D.O.2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	15.70	60.26	32.75	7.50	7.48	-1.00
01	3.28	15.10	60.18	32.95	7.70	7.70	-1.00
02	6.56	15.80	60.44	33.15	7.40	7.72	-1.00
03	9.84	15.10	59.18	33.25	7.90	7.71	-1.00
04	13.12	15.20	59.36	33.25	7.90	7.73	-1.00
05	16.40	14.70	58.46	33.30	7.30	7.67	-1.00

DATE: APRIL 1974

STATION: 05 145 NAUT M. NE OF ISLAND CHAFFLE

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PPT	D.O.2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	15.10	59.18	32.30	9.40	-1.00	74.50
01	3.28	15.10	59.18	32.35	9.30	-1.00	77.00
02	6.56	15.10	59.18	32.40	9.40	-1.00	77.00
03	9.84	15.00	59.00	32.50	9.40	-1.00	76.00
04	13.12	14.50	58.14	32.70	7.70	-1.00	61.00
05	16.40	14.80	58.64	32.70	7.70	-1.00	60.00

DATE: MAY 1974

STATION: 05 145 NAUT M. NE OF ISLAND CHAFFLE

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PPT	D.O.2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	14.30	57.74	-1.00	11.00	-1.00	69.50
01	3.28	14.20	57.56	-1.00	11.00	-1.00	69.00
02	6.56	13.10	55.58	-1.00	10.70	-1.00	70.00
03	9.84	12.20	52.06	-1.00	12.30	-1.00	72.00
04	13.12	13.40	56.12	-1.00	12.00	-1.00	81.50
05	16.40	13.20	55.76	-1.00	9.90	-1.00	74.00

DATE: JUNE 1974

STATION: 03 145 NAUT M. NE OF ISLAND CHAFFLE

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PPT	D.O.2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	19.30	66.74	29.30	8.10	8.22	59.00
01	3.28	14.50	58.10	29.30	8.90	8.13	60.50
02	6.56	14.30	57.74	29.30	9.30	8.13	60.00
03	9.84	12.50	54.50	30.40	7.00	8.06	60.00
04	13.12	15.20	59.36	30.00	8.30	7.77	47.00

\* Possible probe malfunction

MISSING DATA VALUE IS -1.00

DATE: JULY 1974  
STATION: 05 445 NAUT M. NE OF ISLAND CHAFFEE

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O.2 ‰	P.H.	TURBIDITY %
00	0.0	22.00	71.60	32.30	-1.00	-1.00	64.50
01	3.29	20.90	69.62	32.70	-1.00	-1.00	69.00
02	6.58	20.60	69.08	32.90	-1.00	-1.00	71.00
03	9.87	20.40	68.72	32.90	-1.00	-1.00	71.50
04	13.16	20.30	68.54	32.90	-1.00	-1.00	67.00
05	16.45	20.30	68.54	32.90	-1.00	-1.00	61.00

DATE: AUGUST 1974  
STATION: 05 445 NAUT M. NE OF ISLAND CHAFFEE

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O.2 ‰	P.H.	TURBIDITY %
00	0.0	19.10	66.38	32.10	10.90	-1.00	76.00
01	3.29	19.00	66.20	32.20	11.00	-1.00	62.50
02	6.58	18.90	66.02	32.30	10.10	-1.00	77.00
03	9.87	17.00	62.60	32.00	3.70	-1.00	87.00
04	13.16	16.50	61.70	32.40	6.90	-1.00	91.50
05	16.45	15.30	59.54	32.90	7.90	-1.00	92.50
06	19.74	14.80	58.64	32.70	7.00	-1.00	71.00

DATE: SEPTEMBER 1974  
STATION: 05 445 NAUT M. NE OF ISLAND CHAFFEE

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O.2 ‰	P.H.	TURBIDITY %
00	0.0	22.40	68.72	33.20	9.40	-1.00	57.50
01	3.29	19.50	67.28	32.60	7.90	-1.00	65.50
02	6.58	17.50	63.50	32.40	7.10	-1.00	71.00
03	9.87	19.20	66.56	32.50	7.10	-1.00	72.00
04	13.16	19.20	66.56	32.50	7.20	-1.00	72.00

MISSING DATA VALUE IS -1.0

DATE: OCTOBER 1974  
STATION: 05 445 NAUT M. NE OF ISLAND CHAFFEE

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O.2 ‰	P.H.	TURBIDITY %
00	0.0	15.40	59.72	33.50	-1.00	8.14	74.50
01	3.29	15.40	59.72	33.75	-1.00	8.17	74.50
02	6.58	15.10	59.18	34.00	-1.00	8.14	75.00
03	9.87	14.40	57.92	34.00	-1.00	8.10	75.00
04	13.16	14.90	58.82	34.00	-1.00	8.10	76.00
05	16.45	14.40	57.92	34.95	-1.00	8.17	72.50
06	19.74	14.40	57.92	34.95	-1.00	8.16	71.00

DATE: NOVEMBER 1974  
STATION: 05 445 NAUT M. NE OF ISLAND CHAFFEE

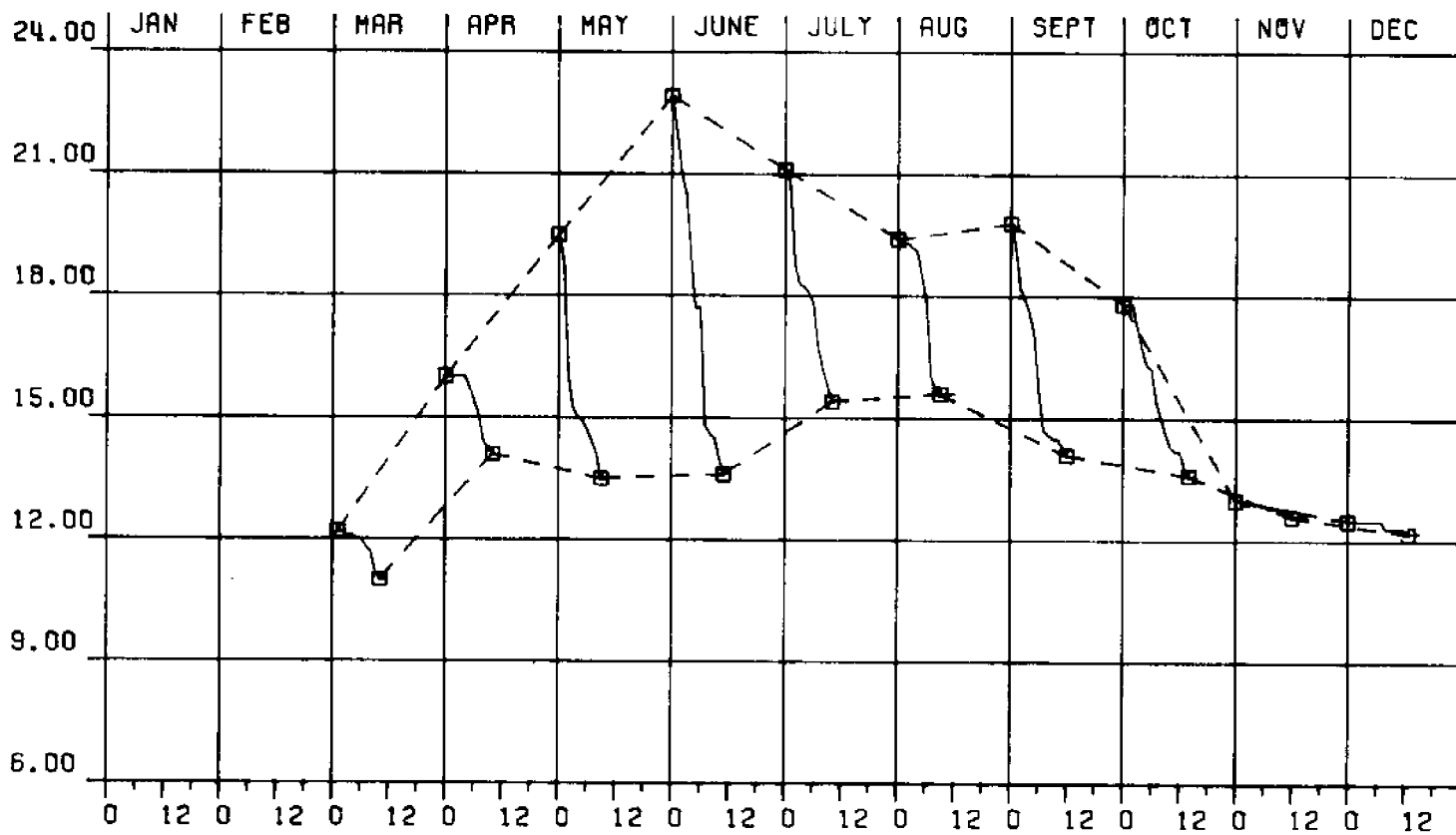
DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O.2 ‰	P.H.	TURBIDITY %
00	0.0	15.00	59.00	33.40	9.00	8.43	-1.00
01	3.29	15.00	59.00	33.40	9.10	8.43	-1.00
02	6.58	14.90	58.82	33.60	9.10	8.44	-1.00
03	9.87	14.70	58.46	33.60	9.20	8.47	-1.00
04	13.16	14.70	58.46	33.70	8.50	8.43	-1.00
05	16.45	14.50	58.12	33.70	8.20	8.46	-1.00

DATE: DECEMBER 1974  
STATION: 05 445 NAUT M. NE OF ISLAND CHAFFEE

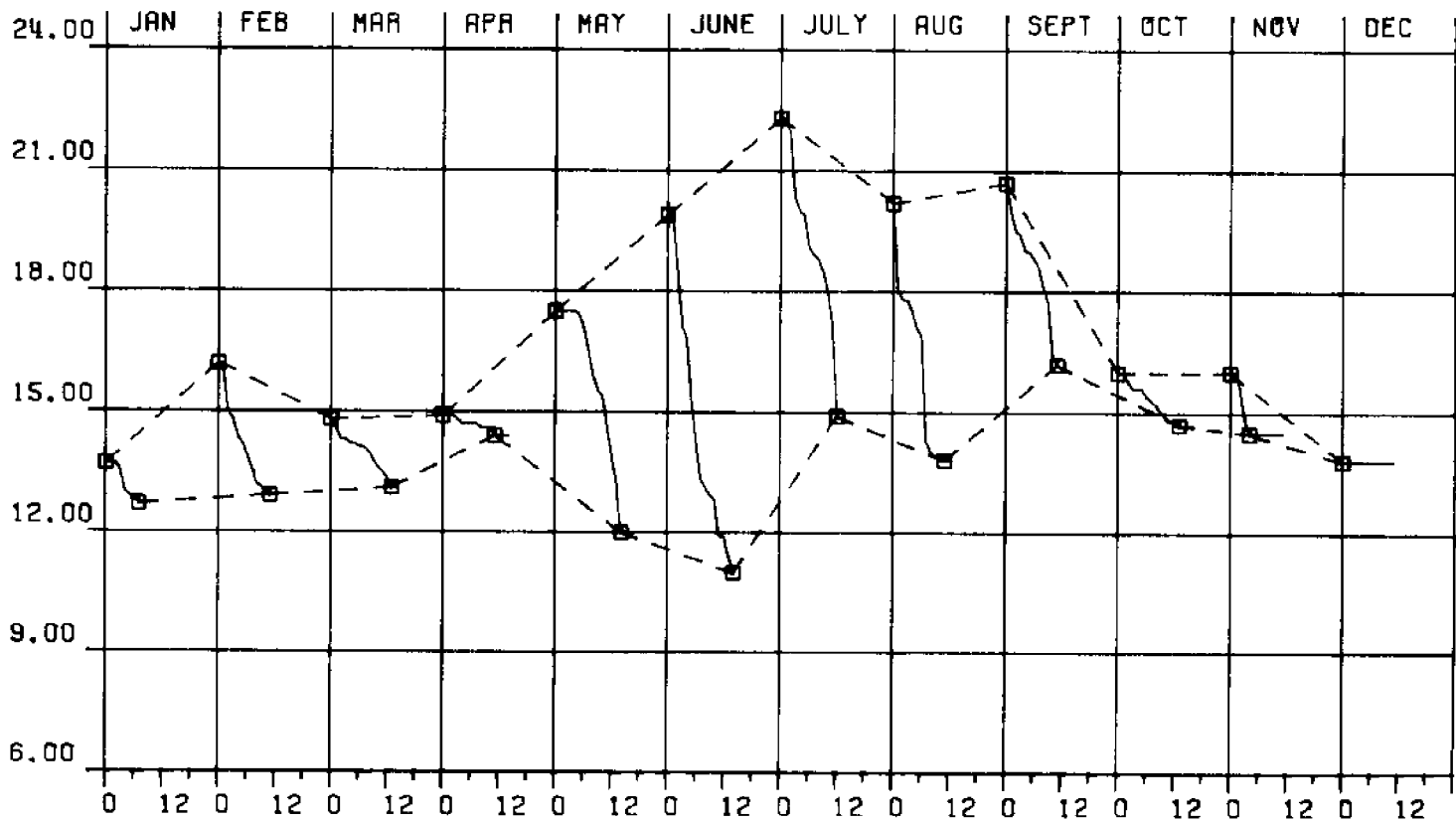
DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O.2 ‰	P.H.	TURBIDITY %
00	0.0	12.40	56.32	33.50	7.20	8.32	67.00
01	3.29	13.40	56.12	33.50	7.40	8.32	66.50
02	6.58	13.50	56.30	33.50	7.40	8.37	65.00
03	9.87	13.40	56.12	33.60	7.40	8.34	65.50
04	13.16	13.40	56.12	33.60	7.20	8.24	62.00
05	16.45	12.40	54.32	33.60	7.20	8.34	60.00
06	19.74	13.40	56.12	33.60	7.10	8.45	58.00

MISSING DATA VALUE IS -1.0

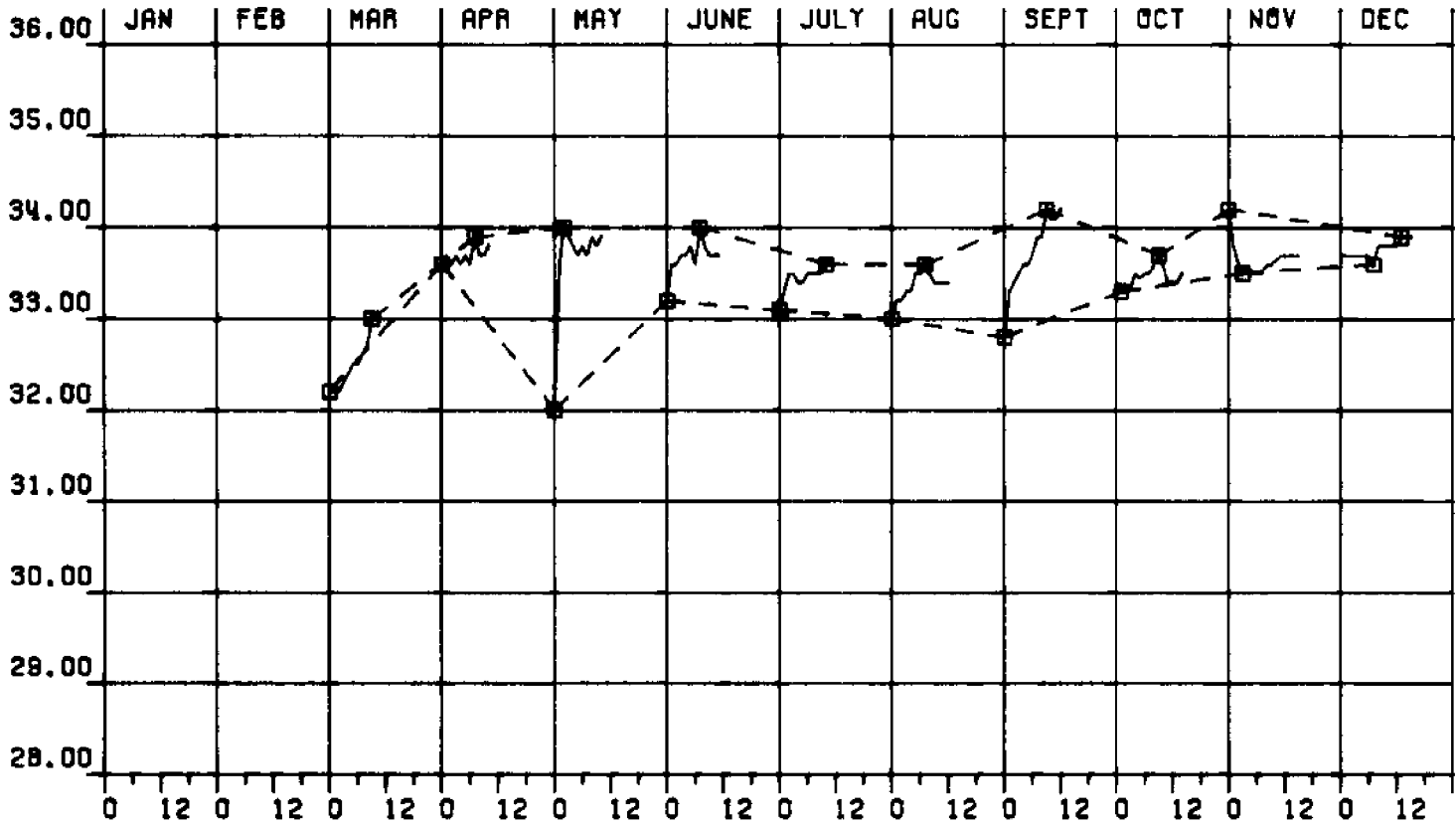
D6 .3 NAUT M. SE OF ISLAND CHAFFEE  
 DATE: 1973  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. TEMPERATURE CELSIUS



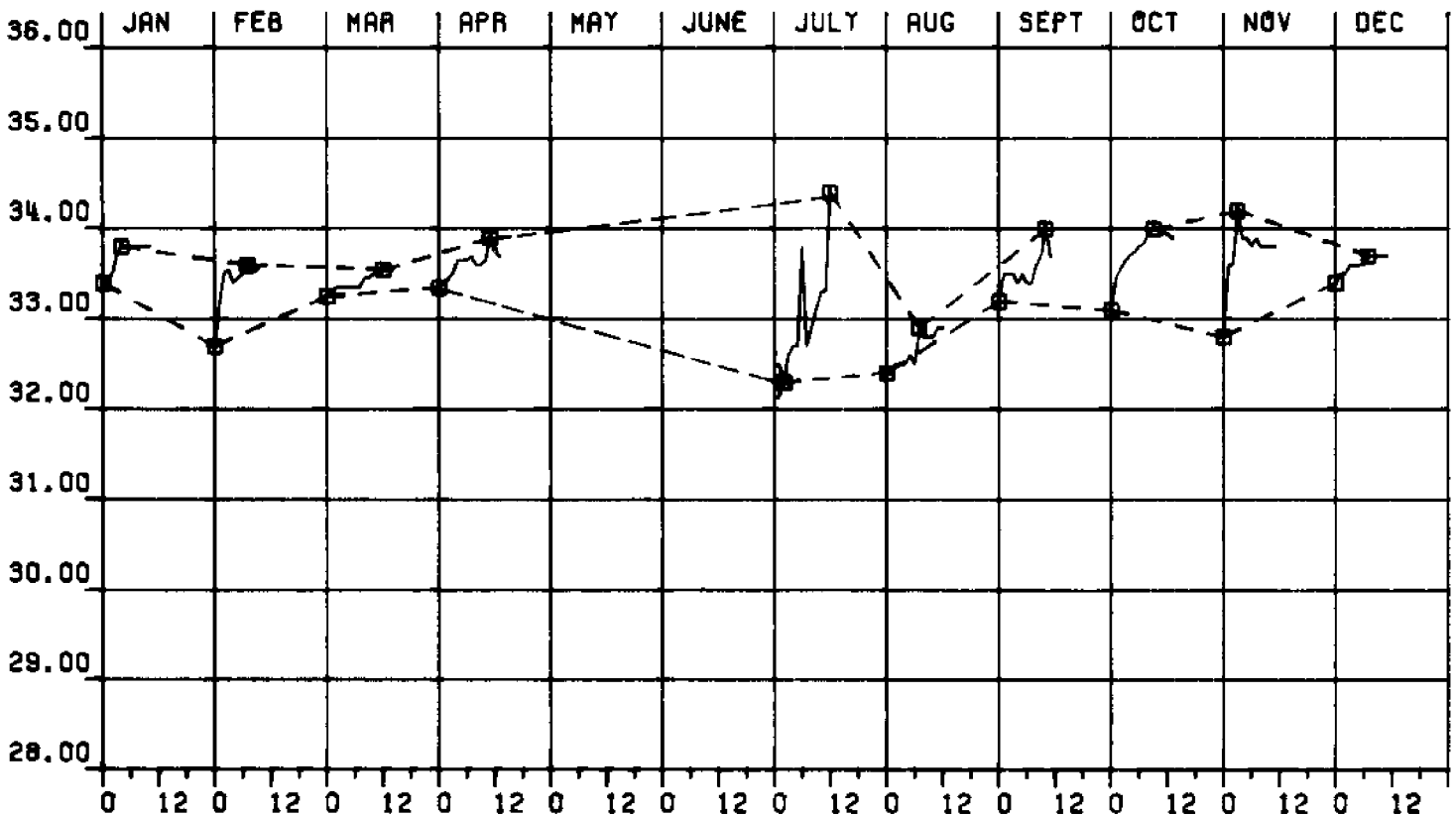
D6 .3 NAUT M. SE OF ISLAND CHAFFEE  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. TEMPERATURE CELSIUS



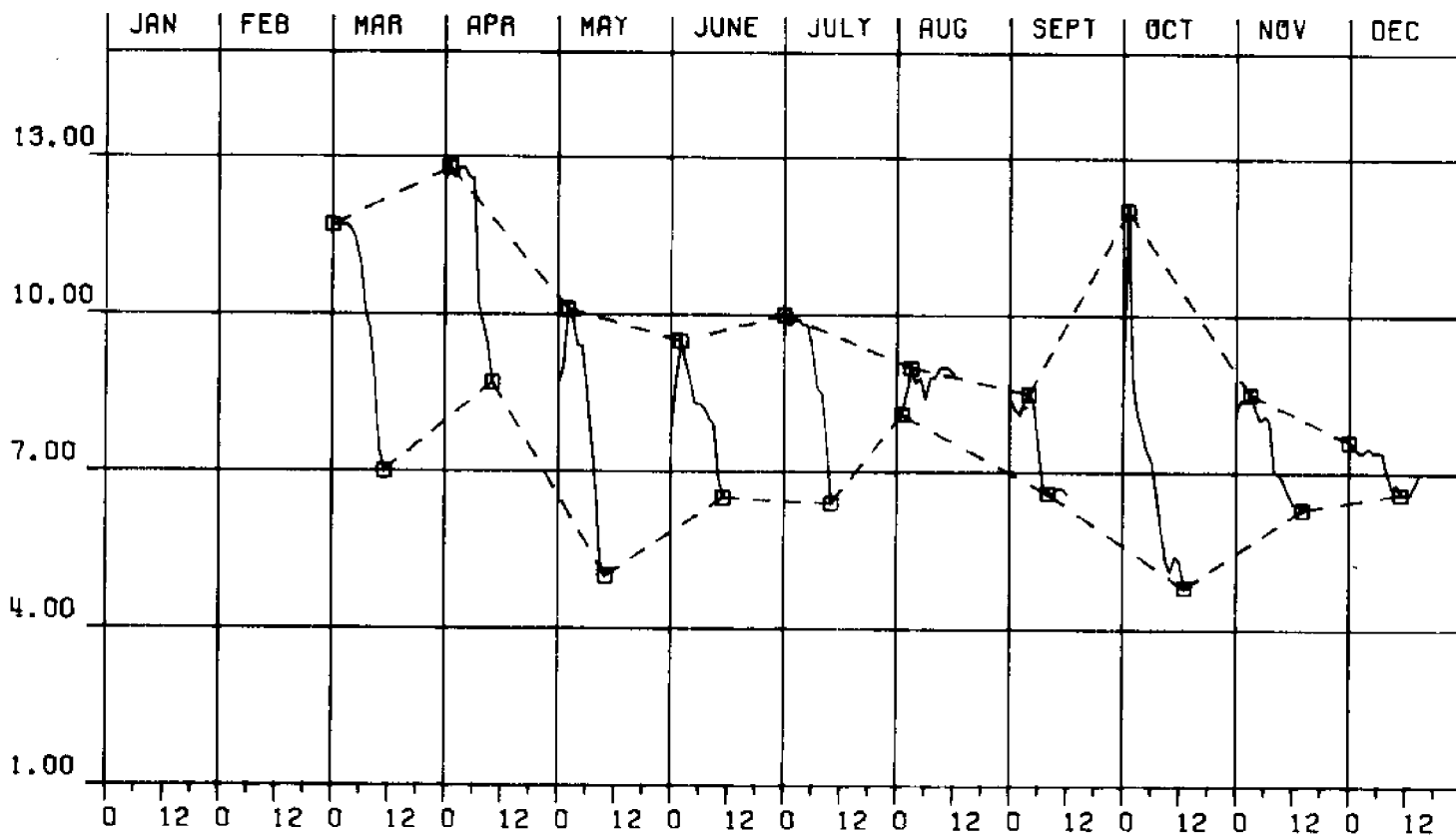
D6 .3 NAUT M. SE OF ISLAND CHAFFEE  
 DATE: 1973  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. SALINITY PPT



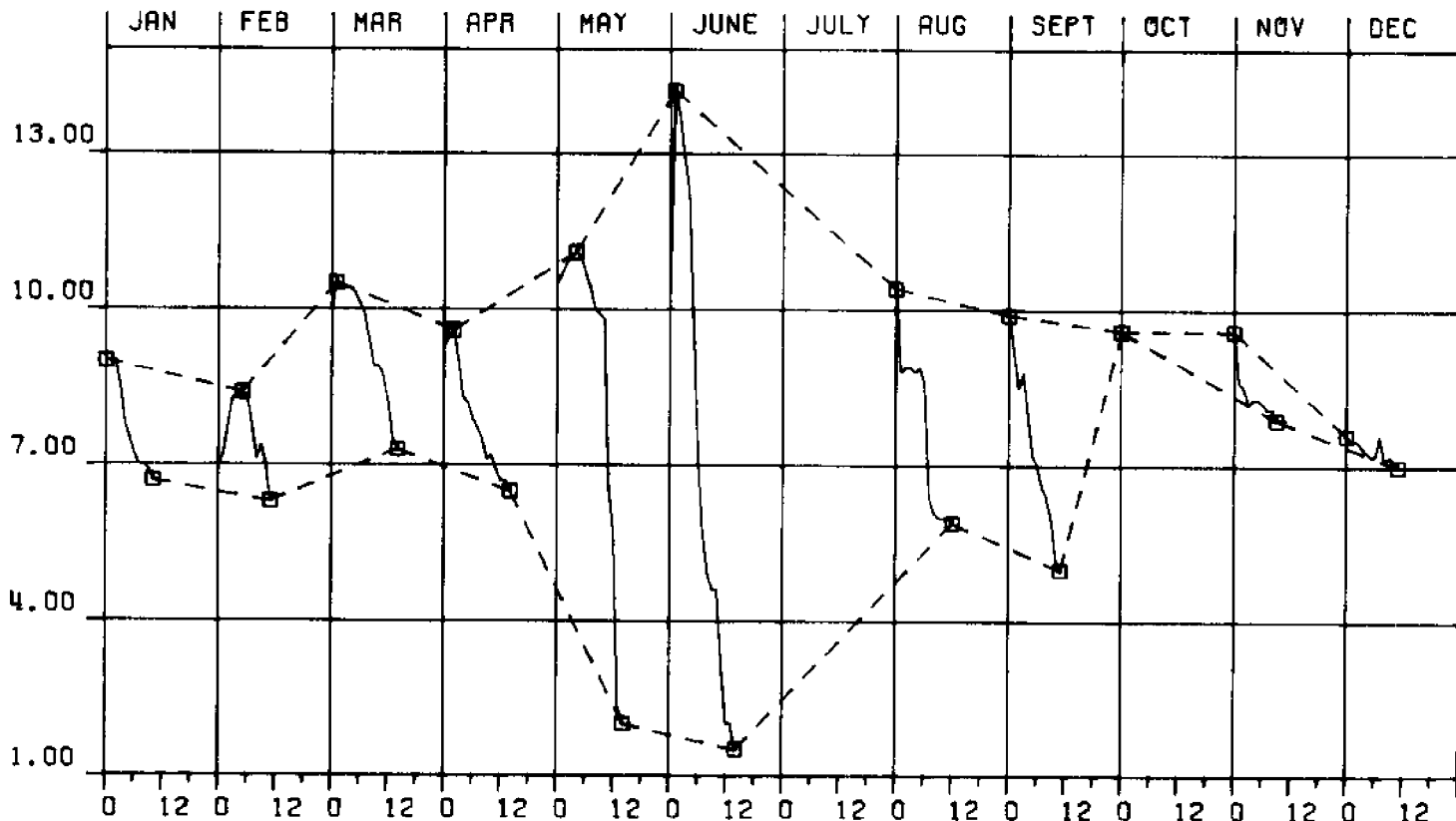
D6 .3 NAUT M. SE OF ISLAND CHAFFEE  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. SALINITY PPT



D6 .3 NAUT M. SE OF ISLAND CHAFFEE  
 DATE: 1973  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. DISSOLVED OXYGEN PPM

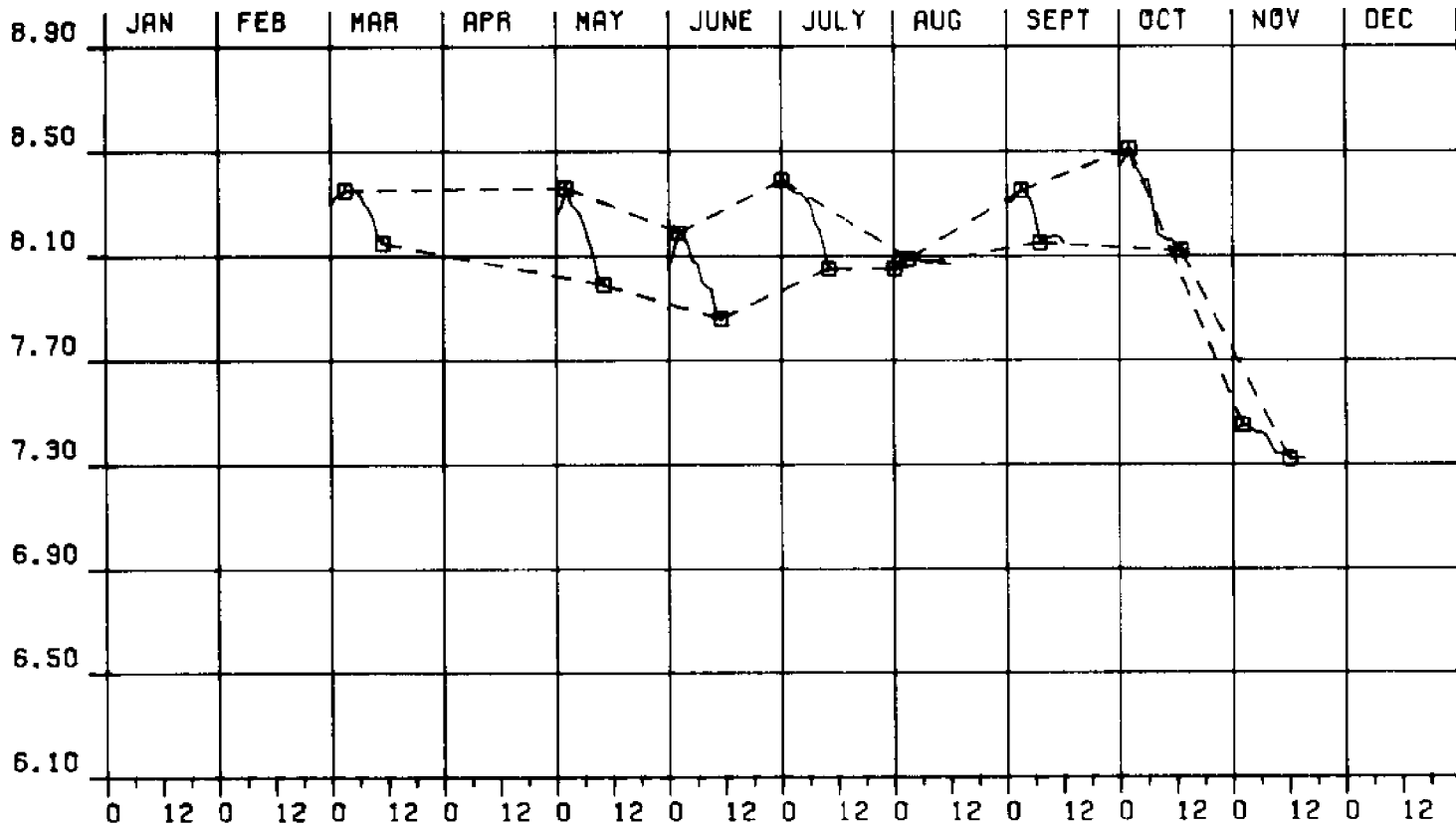


D6 .3 NAUT M. SE OF ISLAND CHAFFEE  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. DISSOLVED OXYGEN PPM

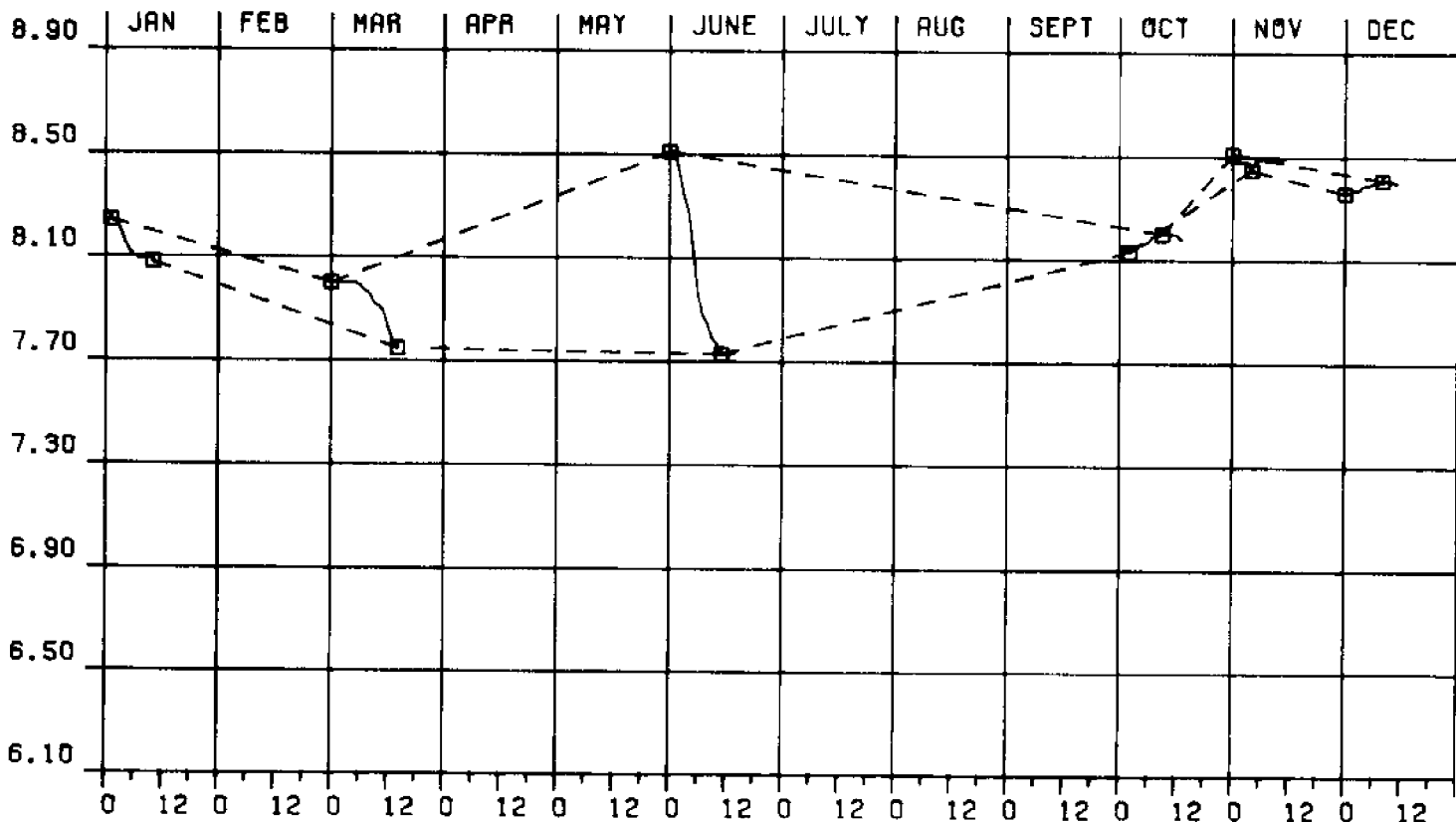




06 .3 NAUT M. SE OF ISLAND CHAFFEE  
 DATE: 1973  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. PH H ION CONC



06 .3 NAUT M. SE OF ISLAND CHAFFEE  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. PH H ION CONC



DATE: MARCH 1973

STATION: D6 .3 NAUT M. SE OF ISLAND CHAFFEE

DEPTH METERS	FEET	TEMPERATURE		SALINITY P/1000	D.O.2 PPM	PH	TURBIDITY %
		C	F				
00	0.0	12.10	53.78	32.20	11.70	8.30	99.99
01	3.28	12.20	53.96	32.20	11.70	8.33	99.99
02	6.56	12.20	53.96	32.20	11.70	8.34	99.99
03	9.84	12.10	53.78	32.30	11.70	8.35	99.99
04	13.12	12.10	53.78	32.40	11.60	8.35	99.99
05	16.40	12.00	53.60	32.50	11.40	8.35	99.99
06	19.68	12.00	53.60	32.50	11.00	8.34	99.99
07	22.96	11.80	53.24	32.60	10.10	8.30	99.99
08	26.24	11.70	53.06	32.70	9.70	8.28	99.00
09	29.52	11.20	52.16	33.00	8.80	8.24	96.00
10	32.80	11.00	51.80	33.00	7.40	8.17	89.00
11	36.08	11.00	51.80	33.00	7.00	8.15	-1.00

DATE: JUNE 1973

STATION: D6 .3 NAUT M. SE OF ISLAND CHAFFEE

DEPTH METERS	FEET	TEMPERATURE		SALINITY P/1000	D.O.2 PPM	PH	TURBIDITY %
		C	F				
00	0.0	22.90	73.22	33.20	7.70	8.06	77.00
01	3.28	22.00	71.60	33.60	6.70	8.12	78.00
02	6.56	21.00	69.80	33.60	6.30	8.19	78.00
03	9.84	20.50	68.90	33.70	6.10	8.18	77.00
04	13.12	18.90	66.02	33.70	6.70	8.14	77.00
05	16.40	17.70	63.86	33.80	6.30	8.08	77.00
06	19.68	17.70	63.86	33.60	6.30	8.07	77.00
07	22.96	14.80	58.64	34.00	6.20	8.00	77.00
08	26.24	14.60	58.28	33.80	6.00	7.98	77.00
09	29.52	14.50	58.10	33.70	7.90	7.97	78.00
10	32.80	14.00	57.20	33.70	6.90	7.88	80.00
11	36.08	13.60	56.48	33.70	6.50	7.86	80.00

DATE: APRIL 1973

STATION: D6 .3 NAUT M. SE OF ISLAND CHAFFEE

DEPTH METERS	FEET	TEMPERATURE		SALINITY P/1000	D.O.2 PPM	PH	TURBIDITY %
		C	F				
00	0.0	16.00	60.80	33.60	12.60	-1.00	-1.00
01	3.28	16.00	60.80	33.70	12.80	-1.00	-1.00
02	6.56	16.00	60.80	33.60	12.60	-1.00	-1.00
03	9.84	16.00	60.80	33.70	12.80	-1.00	-1.00
04	13.12	16.00	60.80	33.60	12.80	-1.00	-1.00
05	16.40	15.70	60.26	33.70	12.60	-1.00	-1.00
06	19.68	15.80	59.72	33.60	12.60	-1.00	-1.00
07	22.96	15.00	59.00	33.90	10.20	-1.00	-1.00
08	26.24	14.40	57.92	33.70	9.80	-1.00	-1.00
09	29.52	14.20	57.56	33.70	9.40	-1.00	-1.00
10	32.80	14.10	57.38	33.80	8.70	-1.00	-1.00

DATE: JULY 1973

STATION: D6 .3 NAUT M. SE OF ISLAND CHAFFEE

DEPTH METERS	FEET	TEMPERATURE		SALINITY P/1000	D.O.2 PPM	PH	TURBIDITY %
		C	F				
00	0.0	21.10	69.98	33.10	10.00	8.39	-1.00
01	3.28	20.80	69.44	33.30	9.80	8.37	-1.00
02	6.56	18.90	65.84	33.50	9.40	8.36	-1.00
03	9.84	18.30	64.94	33.50	9.90	8.34	-1.00
04	13.12	18.20	64.76	33.40	9.80	8.34	-1.00
05	16.40	18.10	64.58	33.40	9.80	8.32	-1.00
06	19.68	17.80	64.04	33.50	9.30	8.30	-1.00
07	22.96	16.80	62.24	33.50	8.60	8.23	-1.00
08	26.24	16.70	61.16	33.50	8.50	8.20	-1.00
09	29.52	15.80	60.44	33.50	7.60	8.13	-1.00
10	32.80	15.40	59.72	33.60	6.40	8.05	-1.00

DATE: MAY 1973

STATION: D6 .3 NAUT M. SE OF ISLAND CHAFFEE

DEPTH METERS	FEET	TEMPERATURE		SALINITY P/1000	D.O.2 PPM	PH	TURBIDITY %
		C	F				
00	0.0	19.50	67.10	32.00	8.70	8.26	-1.00
01	3.28	18.80	65.84	33.60	9.00	8.29	-1.00
02	6.56	16.00	60.80	34.00	10.10	8.36	-1.00
03	9.84	15.20	59.36	33.90	9.90	8.30	-1.00
04	13.12	15.00	59.00	33.80	9.40	8.28	-1.00
05	16.40	14.90	58.82	33.70	9.40	8.26	-1.00
06	19.68	14.70	58.46	33.80	8.60	8.21	-1.00
07	22.96	14.40	57.92	33.70	7.60	8.15	-1.00
08	26.24	14.10	57.38	33.90	6.90	8.09	-1.00
09	29.52	13.50	56.30	33.80	5.20	8.00	-1.00
10	32.80	13.50	56.30	33.90	5.00	7.99	-1.00

DATE: AUGUST 1973

STATION: D6 .3 NAUT M. SE OF ISLAND CHAFFEE

DEPTH METERS	FEET	TEMPERATURE		SALINITY P/1000	D.O.2 PPM	PH	TURBIDITY %
		C	F				
00	0.0	19.40	66.92	33.00	8.20	8.08	-1.00
01	3.28	19.30	66.74	33.20	8.10	8.07	-1.00
02	6.56	19.30	66.74	33.20	8.50	8.08	-1.00
03	9.84	19.20	66.56	33.30	9.00	8.09	-1.00
04	13.12	19.10	66.38	33.30	8.70	8.09	-1.00
05	16.40	18.50	65.30	33.50	8.80	8.09	-1.00
06	19.68	17.90	64.22	33.50	8.40	8.08	-1.00
07	22.96	16.00	60.80	33.60	8.00	8.08	-1.00
08	26.24	15.70	60.26	33.50	8.80	8.08	-1.00
09	29.52	15.60	60.08	33.40	9.00	8.08	-1.00
10	32.80	15.60	60.08	33.40	9.00	8.07	-1.00
11	36.08	15.60	60.08	33.40	9.00	8.07	-1.00
12	39.36	15.60	60.08	33.40	8.90	8.07	-1.00

MISSING DATA VALUE IS -1.0

DATE: SEPTEMBER 1973

STATION: D6 0.3 NAUT M. SE OF ISLAND CHAFFEE

DATE: DECEMBER 1973

STATION: D6 0.3 NAUT M. SE OF ISLAND CHAFFEE

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	O <sub>2</sub> PPM	PH	TURBIDITY %
00	0.0	17.80	64.04	33.40	8.30	8.31	73.00
01	3.28	17.80	64.04	33.30	8.20	8.31	74.00
02	6.56	17.80	64.04	33.40	8.10	8.34	74.00
03	9.84	17.80	64.04	33.50	8.40	8.35	85.00
04	13.12	17.80	64.04	33.60	8.50	8.34	85.00
05	16.40	17.80	64.04	33.60	8.30	8.31	86.50
06	19.68	17.80	64.04	33.70	7.50	8.25	85.00
07	22.96	17.80	64.04	33.90	6.70	8.15	88.00
08	26.24	17.80	64.04	33.90	6.50	8.17	85.50
09	29.52	17.80	64.04	34.20	6.60	8.17	83.50
10	32.80	17.80	64.04	34.10	6.70	8.14	83.00
11	36.08	17.80	64.04	34.10	6.70	8.17	82.00
12	39.36	17.80	64.04	34.20	6.60	8.15	81.00

DATE: OCTOBER 1973

STATION: D6 0.3 NAUT M. SE OF ISLAND CHAFFEE

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	O <sub>2</sub> PPM	PH	TURBIDITY %
00	0.0	17.80	64.04	33.40	8.30	8.44	69.00
01	3.28	17.80	64.04	33.30	12.00	8.47	73.00
02	6.56	17.80	64.04	33.30	8.80	8.51	73.00
03	9.84	17.80	64.04	33.35	8.10	8.44	72.00
04	13.12	17.80	64.04	33.80	7.80	8.42	76.50
05	16.40	17.80	64.04	33.45	7.40	8.39	79.00
06	19.68	17.80	64.04	33.50	7.20	8.39	82.00
07	22.96	17.80	64.04	33.50	6.60	8.29	83.00
08	26.24	17.80	64.04	33.60	5.90	8.18	80.00
09	29.52	17.80	64.04	33.70	5.30	8.17	78.00
10	32.80	17.80	64.04	33.60	5.10	8.16	76.00
11	36.08	17.80	64.04	33.40	5.40	8.16	72.00
12	39.36	17.80	64.04	33.40	5.30	8.14	71.00
13	42.64	17.80	64.04	33.40	4.80	8.12	66.00
14	45.92	17.80	64.04	33.50	4.40	8.12	50.00

DATE: NOVEMBER 1973

STATION: D6 0.3 NAUT M. SE OF ISLAND CHAFFEE

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	O <sub>2</sub> PPM	PH	TURBIDITY %
00	0.0	13.00	55.40	34.20	8.20	7.44	77.00
01	3.28	13.00	55.40	33.80	8.40	7.44	81.00
02	6.56	12.90	55.22	33.60	8.40	7.45	83.00
03	9.84	12.90	55.22	33.50	8.50	7.45	83.00
04	13.12	12.90	55.22	33.60	8.20	7.43	83.00
05	16.40	12.90	55.22	33.50	8.00	7.42	83.50
06	19.68	12.90	55.22	33.50	8.10	7.42	85.00
07	22.96	12.80	55.04	33.50	9.00	7.41	85.00
08	26.24	12.80	55.04	33.60	7.00	7.37	85.00
09	29.52	12.80	55.04	33.60	7.00	7.34	86.00
10	32.80	12.80	55.04	33.65	6.80	7.34	84.50
11	36.08	12.80	55.04	33.70	6.60	7.34	84.50
12	39.36	12.80	55.04	33.70	6.40	7.32	77.50
13	42.64	12.80	55.04	33.70	6.40	7.32	71.50
14	45.92	12.80	55.04	33.70	6.30	7.32	69.00
15	49.20	12.80	55.04	33.70	5.80	7.32	-1.00

MISSING DATA VALUE IS -1.0

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	O <sub>2</sub> PPM	PH	TURBIDITY %
00	0.0	12.50	54.50	33.70	7.80	-1.00	73.50
01	3.28	12.50	54.50	33.70	7.50	-1.00	74.50
02	6.56	12.50	54.50	33.70	7.40	-1.00	75.00
03	9.84	12.50	54.50	33.70	7.40	-1.00	76.00
04	13.12	12.50	54.50	33.70	7.50	-1.00	76.10
05	16.40	12.50	54.50	33.70	7.40	-1.00	76.90
06	19.68	12.50	54.50	33.70	7.40	-1.00	77.50
07	22.96	12.50	54.50	33.60	7.40	-1.00	77.90
08	26.24	12.30	54.14	33.80	7.00	-1.00	74.90
09	29.52	12.30	54.14	33.80	6.70	-1.00	74.50
10	32.80	12.30	54.14	33.80	6.80	-1.00	73.50
11	36.08	12.30	54.14	33.80	6.60	-1.00	69.90
12	39.36	12.30	54.14	33.80	6.60	-1.00	66.20
13	42.64	12.20	53.96	33.90	6.60	-1.00	66.00
14	45.92	12.20	53.96	33.90	6.80	-1.00	70.50
15	49.20	12.20	53.96	33.90	7.00	-1.00	71.00

DATE: JANUARY 1974

STATION: D6 0.3 NAUT M. SE OF ISLAND CHAFFEE

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	O <sub>2</sub> PPM	PH	TURBIDITY %
00	0.0	13.70	56.66	33.40	9.00	8.23	81.00
01	3.28	13.70	56.66	33.40	9.00	8.24	84.00
02	6.56	13.70	56.66	33.50	9.00	8.23	84.50
03	9.84	13.50	56.30	33.70	8.50	8.20	84.50
04	13.12	13.00	55.40	33.80	7.80	8.16	83.00
05	16.40	12.90	55.22	33.80	7.50	8.12	80.00
06	19.68	12.80	55.04	33.80	7.20	8.10	78.00
07	22.96	12.70	54.86	33.80	7.00	8.09	76.00
08	26.24	12.70	54.86	33.80	7.00	8.09	71.00
09	29.52	12.70	54.86	33.80	6.90	8.10	69.00
10	32.80	12.70	54.86	33.90	6.70	8.08	68.00

DATE: FEBRUARY 1974

STATION: D6 0.3 NAUT M. SE OF ISLAND CHAFFEE

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	O <sub>2</sub> PPM	PH	TURBIDITY %
00	0.0	16.20	61.16	32.70	7.00	-1.00	83.50
01	3.28	16.00	60.80	33.15	7.20	-1.00	85.00
02	6.56	15.00	59.00	33.50	7.80	-1.00	89.00
03	9.84	14.80	58.64	33.55	8.30	-1.00	89.50
04	13.12	14.40	57.92	33.40	8.30	-1.00	84.50
05	16.40	14.20	57.56	33.45	8.40	-1.00	87.00
06	19.68	13.90	57.02	33.50	8.30	-1.00	86.00
07	22.96	13.60	56.48	33.00	7.80	-1.00	85.00
08	26.24	13.20	55.76	33.55	7.10	-1.00	73.00
09	29.52	13.10	55.58	33.55	7.40	-1.00	72.00
10	32.80	13.00	55.40	33.60	7.00	-1.00	79.50
11	36.08	12.90	55.22	33.60	6.30	-1.00	75.00

MISSING DATA VALUE IS -1.0

DATE: MARCH 1974

STATION: 06 0.3 NAUT M. SE OF ISLAND CHAFFEE

DATE: JUNE 1974

STATION: 06 0.3 NAUT M. SE OF ISLAND CHAFFEE

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O2 PPM	PH	TURBIDITY %
00	0.0	14.80	58.64	33.25	10.00	8.00	-1.00
01	3.28	14.60	58.28	33.30	10.50	8.00	-1.00
02	6.56	14.30	57.74	33.35	10.40	8.00	-1.00
03	9.84	14.30	57.74	33.35	10.40	8.00	-1.00
04	13.12	14.20	57.56	33.35	10.40	8.00	-1.00
05	16.40	14.20	57.56	33.35	10.30	8.00	-1.00
06	19.68	14.10	57.38	33.35	10.10	7.99	-1.00
07	22.96	14.10	57.38	33.35	9.90	7.97	-1.00
08	26.24	14.00	57.20	33.45	9.40	7.96	-1.00
09	29.52	13.80	56.84	33.45	8.90	7.92	-1.00
10	32.80	13.60	56.48	33.60	8.90	7.91	-1.00
11	36.08	13.60	56.30	33.50	8.70	7.89	-1.00
12	39.36	13.30	55.94	33.55	8.20	7.83	-1.00
13	42.64	13.10	55.58	33.55	7.50	7.77	-1.00
14	45.92	13.10	55.58	33.55	7.30	7.75	-1.00

DATE: APRIL 1974

STATION: 06 0.3 NAUT M. SE OF ISLAND CHAFFEE

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O2 PPM	PH	TURBIDITY %
00	0.0	14.90	58.82	33.35	9.30	-1.00	78.00
01	3.28	14.90	58.82	33.40	9.50	-1.00	82.00
02	6.56	14.90	58.82	33.45	9.60	-1.00	81.00
03	9.84	14.80	58.64	33.50	9.00	-1.00	79.00
04	13.12	14.70	58.46	33.65	8.30	-1.00	81.00
05	16.40	14.70	58.46	33.65	8.20	-1.00	81.00
06	19.68	14.70	58.46	33.65	7.90	-1.00	81.00
07	22.96	14.70	58.46	33.70	7.70	-1.00	79.00
08	26.24	14.60	58.28	33.60	7.50	-1.00	79.00
09	29.52	14.60	58.28	33.60	7.10	-1.00	79.00
10	32.80	14.60	58.28	33.65	7.20	-1.00	78.00
11	36.08	14.40	57.92	33.90	6.90	-1.00	82.00
12	39.36	14.40	57.92	33.75	6.70	-1.00	77.00
13	42.64	14.40	57.92	33.70	6.70	-1.00	67.00
14	45.92	14.40	57.92	33.65	6.50	-1.00	58.50

DATE: MAY 1974

STATION: 06 0.3 NAUT M. SE OF ISLAND CHAFFEE

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O2 PPM	PH	TURBIDITY %
00	0.0	17.50	63.50	-1.00	10.50	+1.00	75.50
01	3.28	17.50	63.50	-1.00	10.70	-1.00	75.50
02	6.56	17.50	63.50	-1.00	10.90	-1.00	75.50
03	9.84	17.50	63.50	-1.00	11.00	-1.00	75.50
04	13.12	17.50	63.50	-1.00	11.10	-1.00	76.00
05	16.40	17.40	63.32	-1.00	11.00	-1.00	76.00
06	19.68	17.10	62.78	-1.00	10.70	-1.00	76.50
07	22.96	16.50	61.70	-1.00	10.40	-1.00	77.50
08	26.24	15.90	60.62	-1.00	10.00	+1.00	82.00
09	29.52	15.50	59.90	-1.00	9.90	-1.00	82.00
10	32.80	15.40	59.72	-1.00	9.80	-1.00	83.00
11	36.08	14.60	58.28	-1.00	6.50	-1.00	78.00
12	39.36	13.90	57.02	-1.00	5.70	-1.00	70.50
13	42.64	13.20	55.76	-1.00	2.30	-1.00	70.00
14	45.92	12.00	53.60	-1.00	2.00	-1.00	67.00

MISSING DATA VALUE IS -1.0

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O2 PPM	PH	TURBIDITY %
00	0.0	19.90	67.82	28.90	9.80	8.51	82.00
01	3.28	19.80	67.64	29.00	14.20	8.51	80.50
02	6.56	19.50	65.30	29.90	13.70	8.43	82.00
03	9.84	17.10	62.78	29.60	12.90	8.34	81.00
04	13.12	16.80	62.24	29.60	12.20	8.27	84.50
05	16.40	15.20	59.36	29.90	9.70	8.13	88.00
06	19.68	14.20	57.56	29.90	7.00	7.95	93.50
07	22.96	13.30	55.94	30.00	5.70	7.88	96.00
08	26.24	13.10	55.58	29.80	4.90	7.84	91.00
09	29.52	12.90	55.22	29.60	4.60	7.79	99.50
10	32.80	12.80	55.04	29.60	4.60	7.77	99.00
11	36.08	11.90	53.42	29.60	3.20	7.73	97.00
12	39.36	11.90	53.42	29.60	2.00	7.73	82.00
13	42.64	11.40	52.52	29.70	2.00	7.73	57.50
14	45.92	11.00	51.80	29.90	1.50	7.74	-1.00

\* Possible probe malfunction

DATE: JULY 1974

STATION: 06 0.3 NAUT M. SE OF ISLAND CHAFFEE

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O2 PPM	PH	TURBIDITY %
00	0.0	22.30	72.14	32.50	-1.00	-1.00	76.00
01	3.28	22.30	72.14	32.50	-1.00	-1.00	76.00
02	6.56	21.90	71.42	32.30	-1.00	-1.00	77.50
03	9.84	20.30	68.54	32.60	-1.00	-1.00	86.00
04	13.12	20.00	68.00	32.70	-1.00	-1.00	86.00
05	16.40	19.90	67.82	32.70	-1.00	-1.00	84.00
06	19.68	19.10	66.38	33.80	-1.00	-1.00	79.50
07	22.96	18.00	66.02	32.70	-1.00	-1.00	77.00
08	26.24	18.00	66.02	32.90	-1.00	-1.00	80.00
09	29.52	18.50	65.30	33.10	-1.00	-1.00	83.50
10	32.80	18.00	64.40	33.30	-1.00	-1.00	83.50
11	36.08	17.20	62.96	33.30	-1.00	-1.00	81.00
12	39.36	14.90	58.82	34.40	-1.00	-1.00	71.00

DATE: AUGUST 1974

STATION: 06 0.3 NAUT M. SE OF ISLAND CHAFFEE

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O2 PPM	PH	TURBIDITY %
00	0.0	20.20	68.36	32.40	10.40	-1.00	78.00
01	3.28	18.00	64.40	32.40	8.80	-1.00	72.00
02	6.56	17.80	64.04	32.60	8.90	-1.00	93.00
03	9.84	17.00	62.60	32.50	8.90	-1.00	94.00
04	13.12	17.50	63.50	32.50	8.80	-1.00	94.50
05	16.40	17.10	62.78	32.60	4.90	-1.00	95.00
06	19.68	16.90	62.42	32.50	8.80	-1.00	96.50
07	22.96	14.30	57.74	32.90	6.40	-1.00	87.00
08	26.24	14.00	57.20	32.80	6.10	-1.00	86.00
09	29.52	13.90	57.02	32.80	6.00	-1.00	85.00
10	32.80	13.90	57.02	32.80	6.00	-1.00	84.00
11	36.08	13.80	56.84	32.90	6.00	-1.00	76.00
12	39.36	13.60	56.48	32.90	5.90	-1.00	-1.00

MISSING DATA VALUE IS -1.0

DATE: SEPTEMBER 1974

STATION: 06 43 NAUT. M. SE OF ISLAND CHAFFEE

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O.2 PPM	PH M. ION CONC.	TURBIDITY %
00	0.0	26.70	79.26	37.20	9.90	-1.00	52.00
01	3.28	26.00	78.80	37.50	9.20	-1.00	53.50
02	6.56	19.50	67.10	33.50	8.50	-1.00	65.00
03	9.84	19.40	66.92	33.50	8.80	-1.00	65.50
04	13.12	19.00	66.20	33.50	8.00	-1.00	65.00
05	16.40	19.00	66.20	33.50	7.20	-1.00	64.50
06	19.68	18.50	65.30	33.40	7.00	-1.00	65.50
07	22.96	18.00	64.40	33.40	6.50	-1.00	66.00
08	26.24	18.10	64.58	33.60	6.30	-1.00	67.00
09	29.52	17.70	63.86	33.70	6.00	-1.00	66.50
10	32.80	16.40	61.52	34.00	5.20	-1.00	62.50
11	36.08	16.20	61.16	33.70	5.00	-1.00	43.00

DATE: OCTOBER 1974

STATION: 05 43 NAUT. M. SE OF ISLAND CHAFFEE

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O.2 PPM	PH M. ION CONC.	TURBIDITY %
00	0.0	16.00	60.80	33.10	9.50	8.14	86.00
01	3.28	16.00	60.80	33.45	-1.00	8.15	88.50
02	6.56	13.80	56.84	33.55	-1.00	8.13	91.00
03	9.84	13.80	56.84	33.65	-1.00	8.15	90.00
04	13.12	13.60	56.48	33.70	-1.00	8.16	91.00
05	16.40	13.60	56.48	33.75	-1.00	8.16	91.00
06	19.68	13.40	56.12	33.63	-1.00	8.17	91.00
07	22.96	13.10	55.58	33.85	-1.00	8.19	94.00
08	26.24	13.20	55.76	33.95	-1.00	8.19	95.00
09	29.52	13.00	55.40	34.00	-1.00	8.20	96.00
10	32.80	14.90	58.82	34.00	-1.00	8.20	95.50
11	36.08	14.80	58.64	33.95	-1.00	8.20	95.50
12	39.36	14.80	58.64	33.95	-1.00	8.20	-1.00
13	42.64	14.70	58.46	33.90	-1.00	8.19	-1.00

MISSING DATA VALUE IS -1.0

DATE: NOVEMBER 1974

STATION: 06 43 NAUT. M. SE OF ISLAND CHAFFEE

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O.2 PPM	PH M. ION CONC.	TURBIDITY %
00	0.0	16.00	60.80	33.80	9.60	8.51	-1.00
01	3.28	15.00	59.00	33.60	8.50	8.48	-1.00
02	6.56	15.00	59.00	33.60	8.50	8.48	-1.00
03	9.84	14.80	58.64	34.20	8.20	8.48	-1.00
04	13.12	14.50	58.10	33.90	8.10	8.48	-1.00
05	16.40	14.50	58.10	33.90	8.30	8.48	-1.00
06	19.68	14.50	58.10	33.80	8.20	8.48	-1.00
07	22.96	14.50	58.10	33.90	8.10	8.48	-1.00
08	26.24	14.50	58.10	33.80	8.10	8.48	-1.00
09	29.52	14.50	58.10	33.80	7.90	8.48	-1.00
10	32.80	14.50	58.10	33.80	7.90	8.48	-1.00
11	36.08	14.50	58.10	33.50	7.90	8.48	-1.00

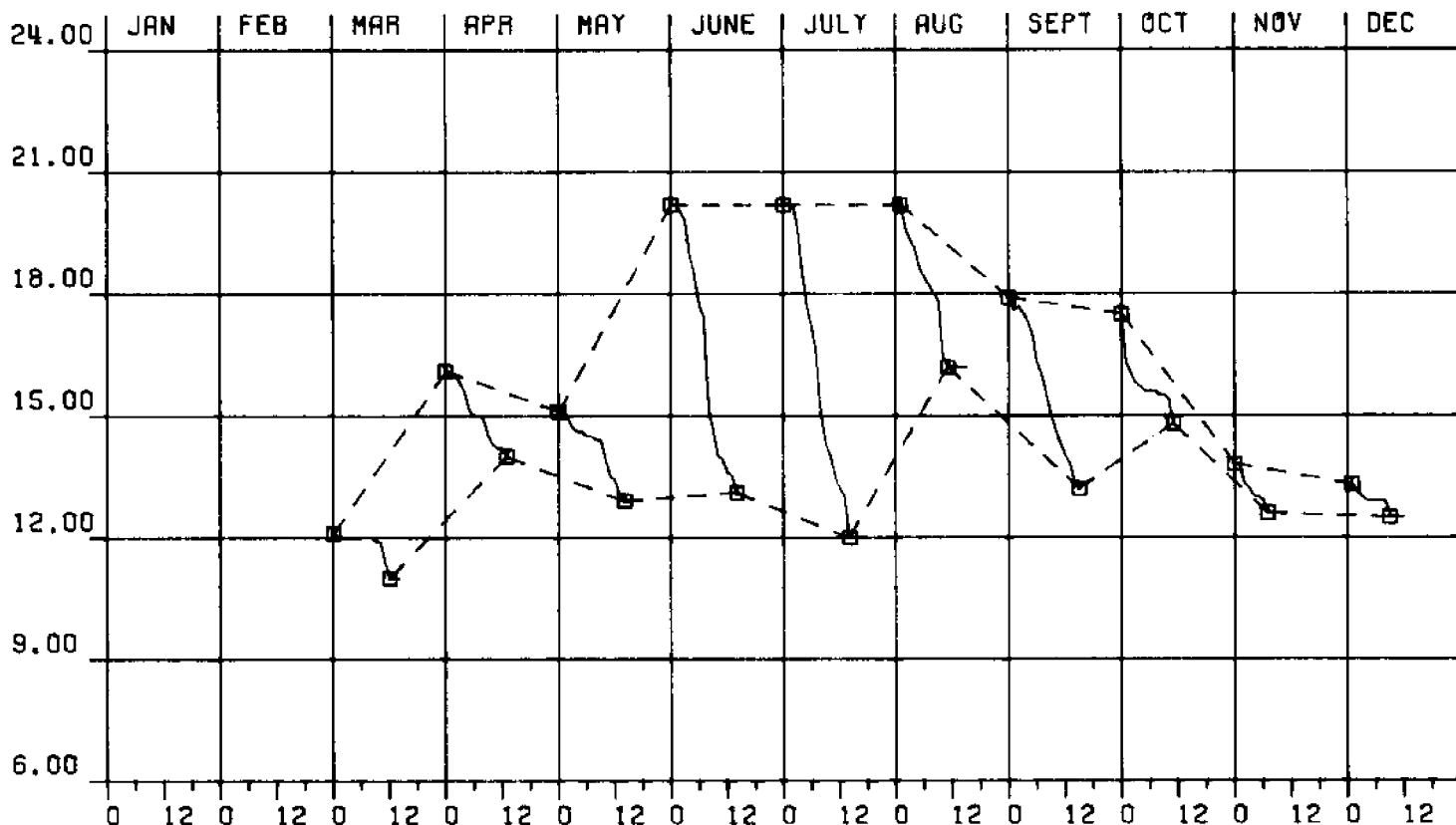
DATE: DECEMBER 1974

STATION: 06 43 NAUT. M. SE OF ISLAND CHAFFEE

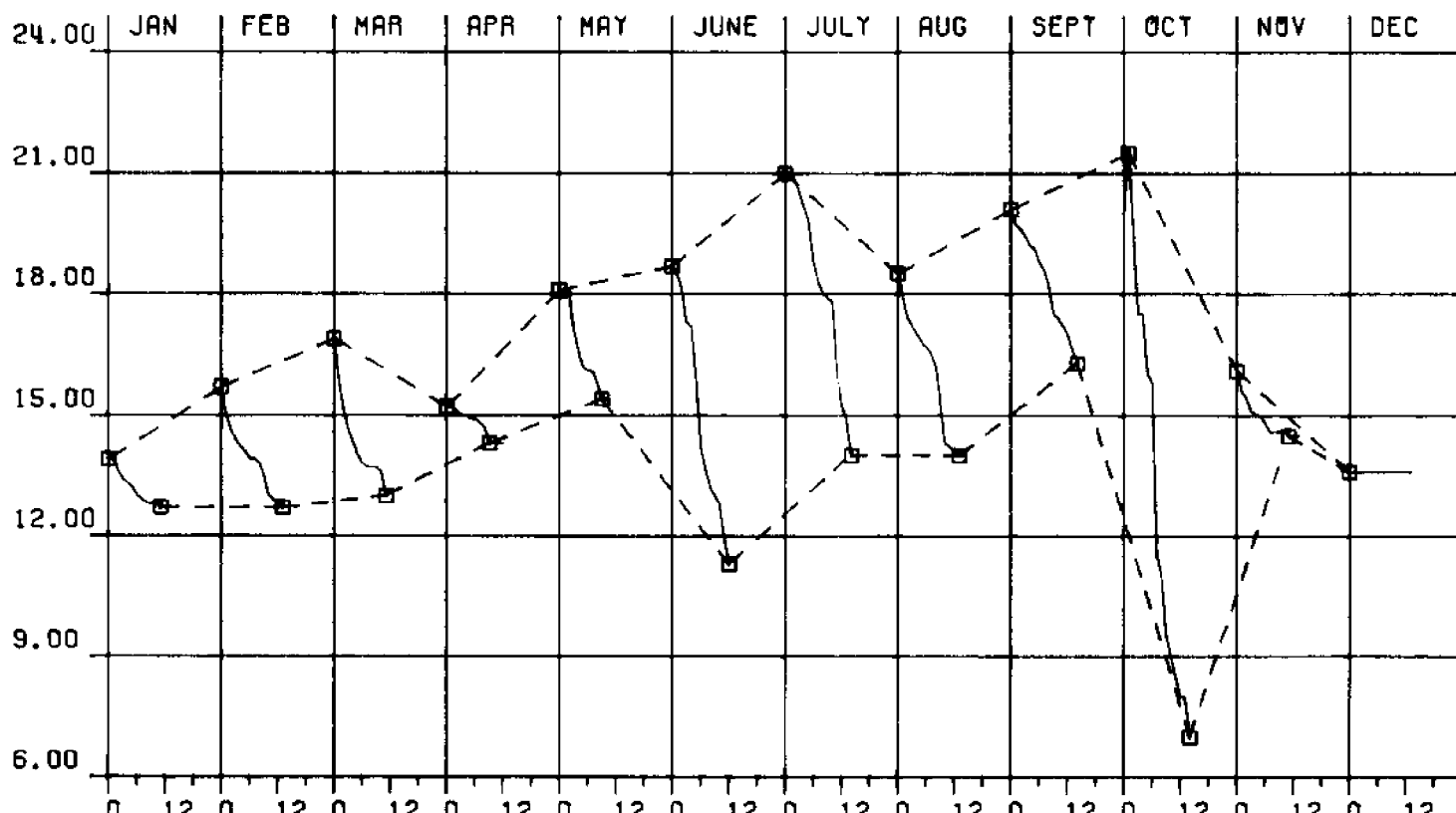
DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O.2 PPM	PH M. ION CONC.	TURBIDITY %
00	0.0	13.80	56.84	33.40	7.00	8.36	63.50
01	3.28	13.40	56.12	33.50	7.50	8.36	62.50
02	6.56	13.70	56.66	33.50	7.50	8.37	62.50
03	9.84	13.40	56.12	33.60	7.40	8.37	61.50
04	13.12	13.40	56.12	33.60	7.30	8.38	61.50
05	16.40	13.80	56.84	33.60	7.20	8.39	62.00
06	19.68	13.80	56.84	33.58	7.20	8.40	62.50
07	22.96	13.80	56.84	33.70	7.00	8.40	63.50
08	26.24	13.80	56.84	33.70	7.10	8.41	64.50
09	29.52	13.40	56.12	33.70	7.20	8.41	65.00
10	32.80	13.80	56.84	33.70	7.10	8.41	65.50
11	36.08	13.80	56.84	33.70	7.00	8.40	60.00

MISSING DATA VALUE IS -1.0

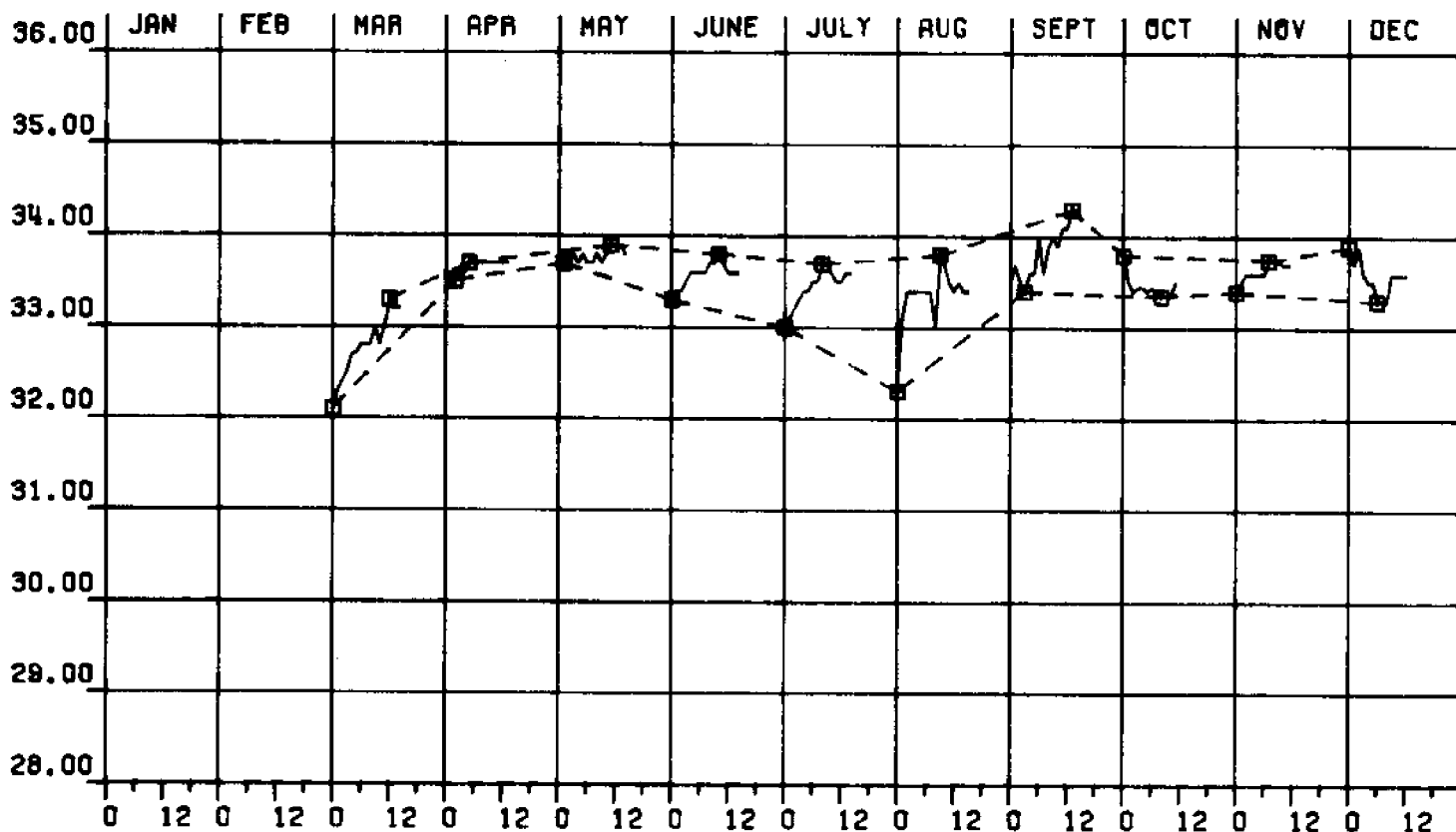
D7 1100 YARDS S OF ISLAND FREEMAN  
 DATE: 1973  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. TEMPERATURE CELSIUS



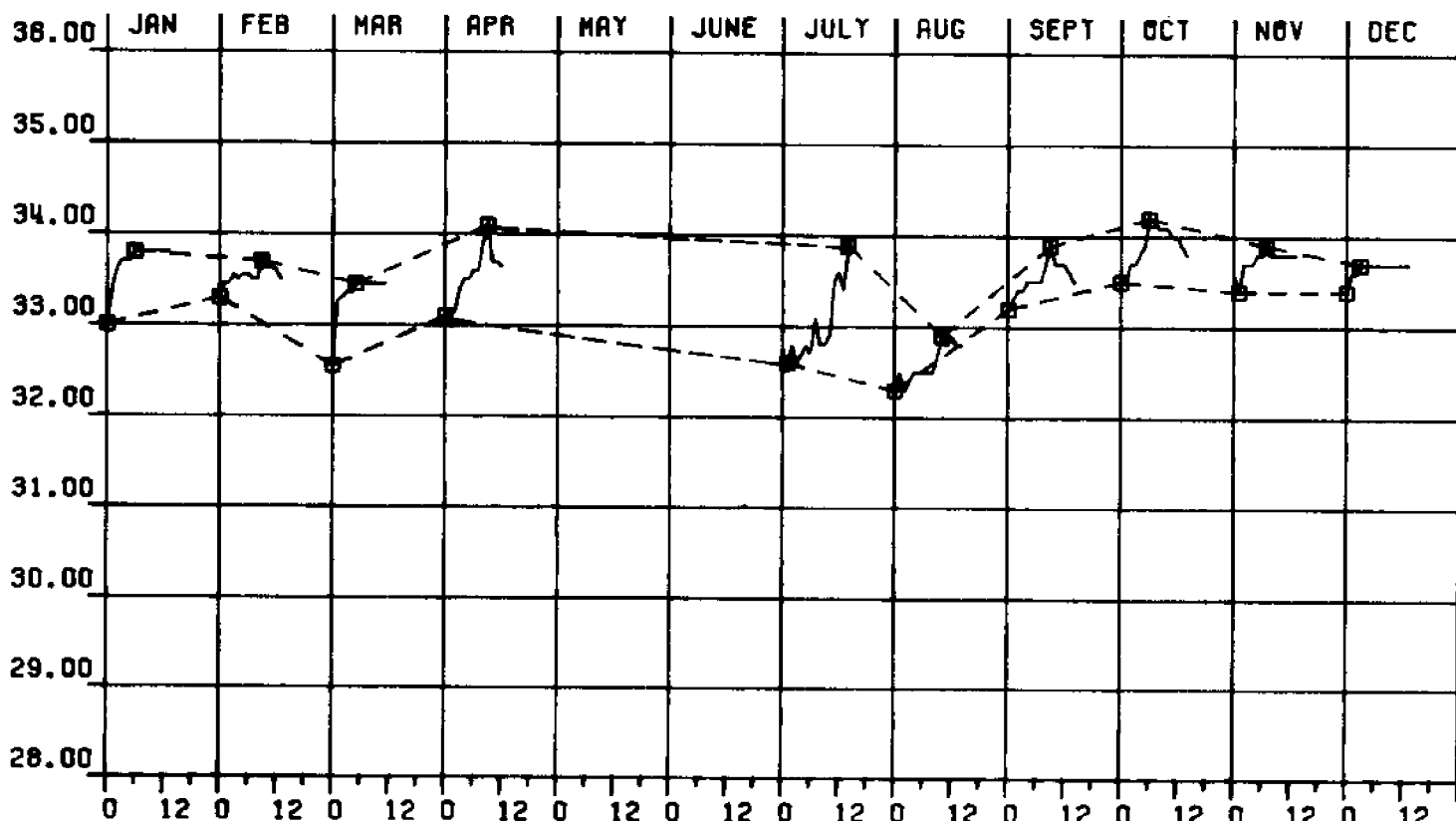
D7 1100 YARDS S OF ISLAND FREEMAN  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. TEMPERATURE CELSIUS



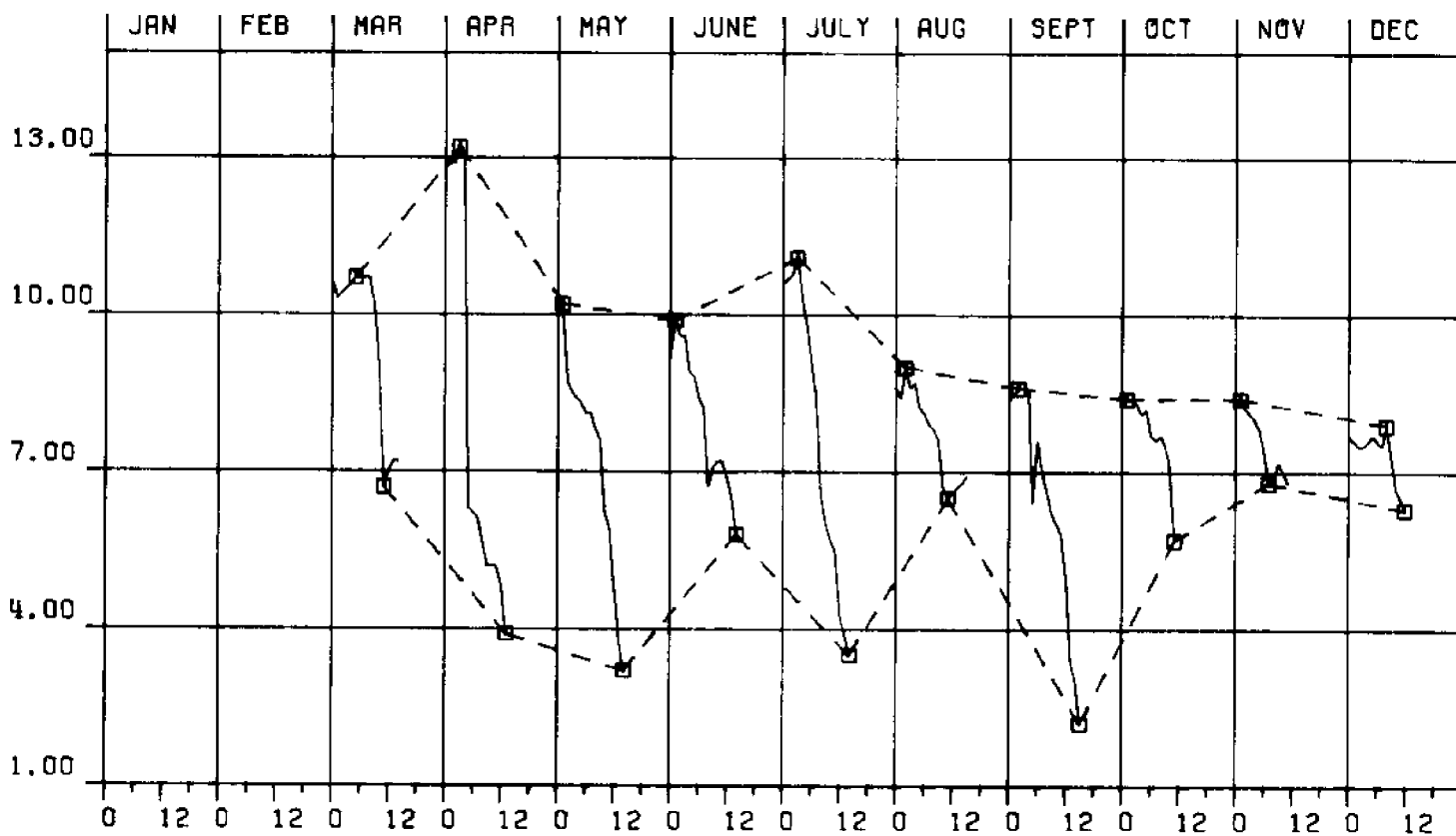
07 1100 YARDS S OF ISLAND FREEMAN  
 DATE: 1973  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. SALINITY PPT



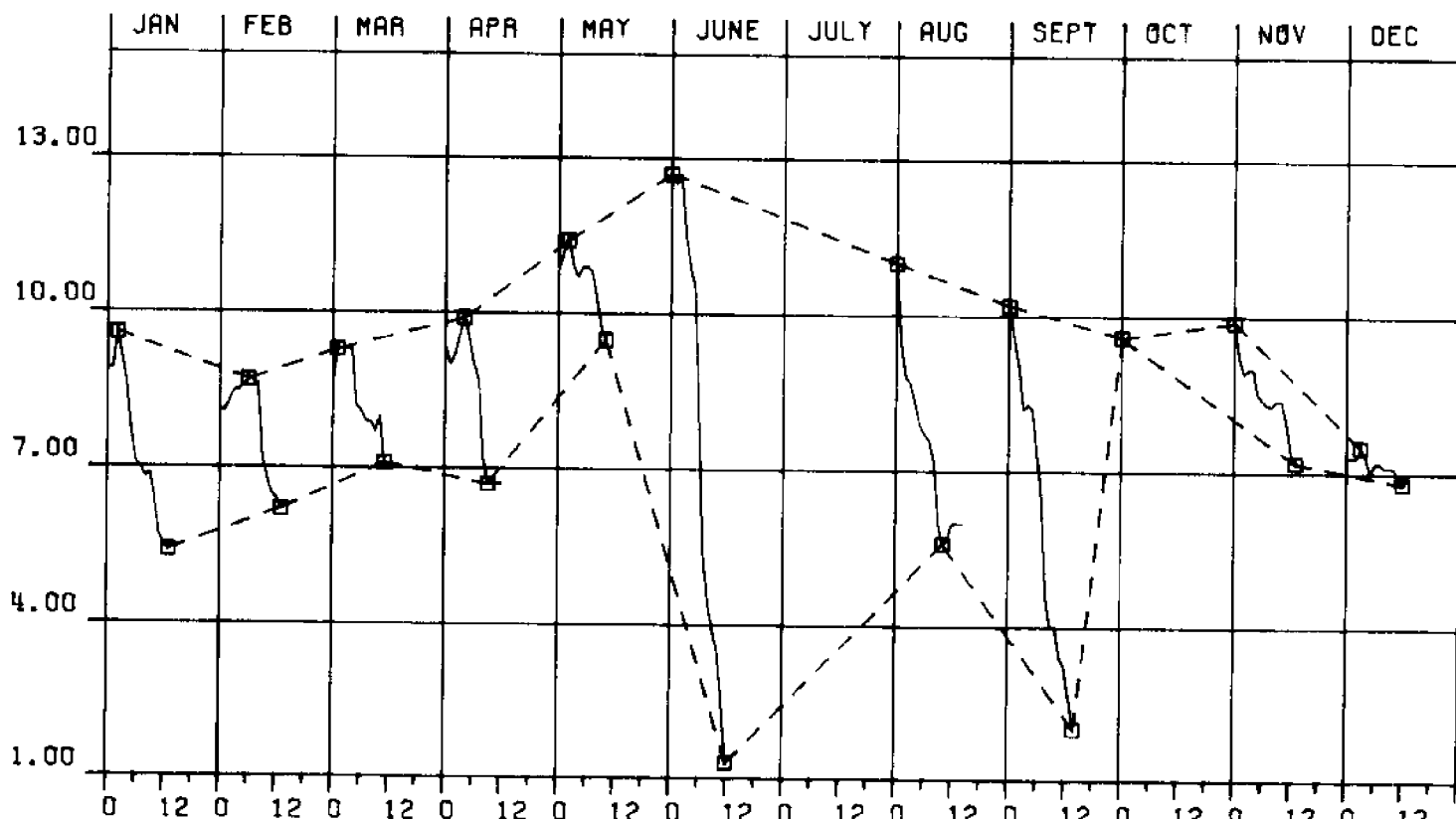
07 1100 YARDS S OF ISLAND FREEMAN  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. SALINITY PPT



07 1100 YARDS S OF ISLAND FREEMAN  
 DATE: 1973  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. DISSOLVED OXYGEN PPM



07 1100 YARDS S OF ISLAND FREEMAN  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. DISSOLVED OXYGEN PPM



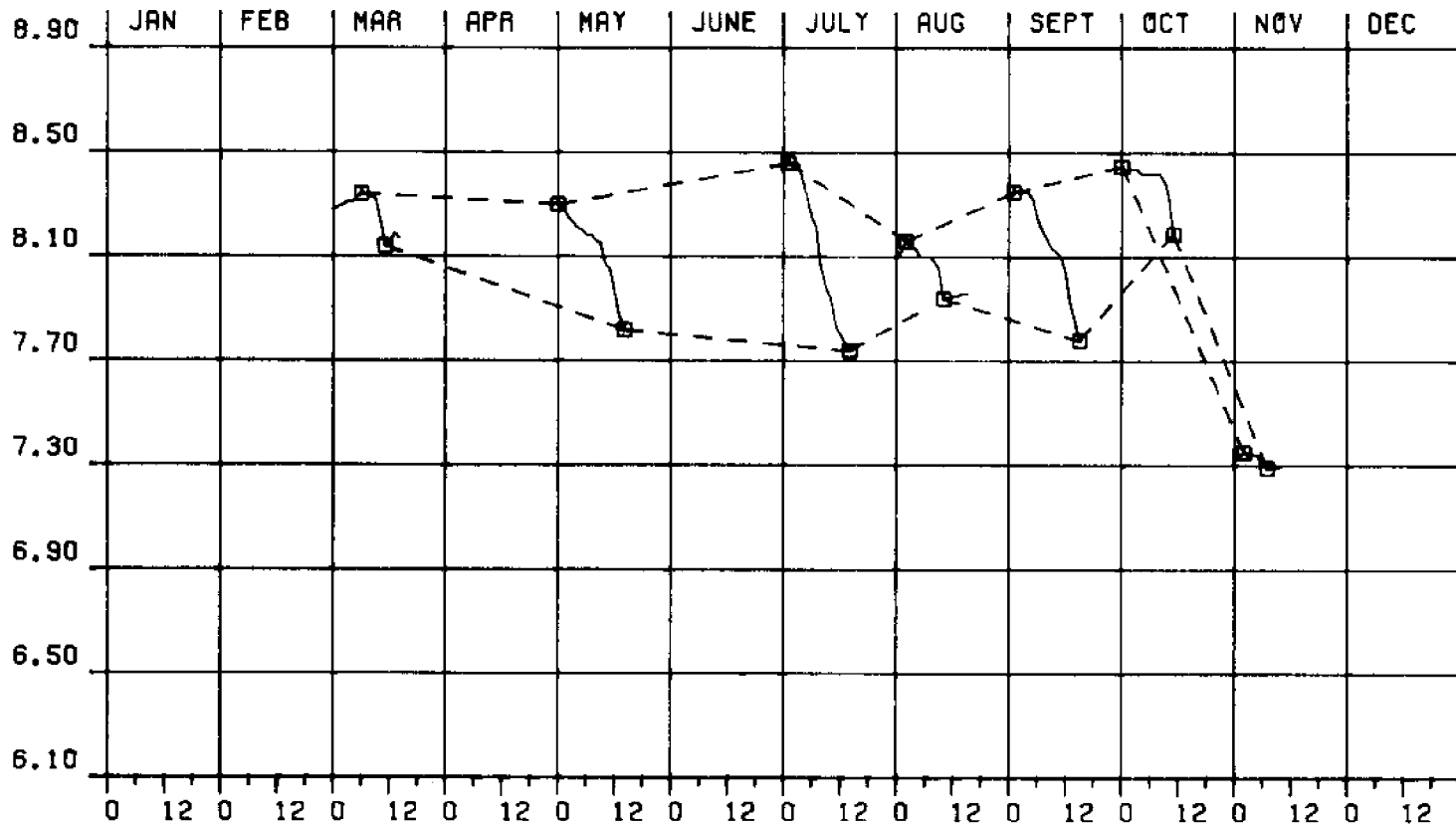


D7 1100 YARDS S OF ISLAND FREEMAN

DATE: 1973

EACH SUBGRAPH BY MONTH

DATA: DEPTH METERS VS. PH H ION CONC

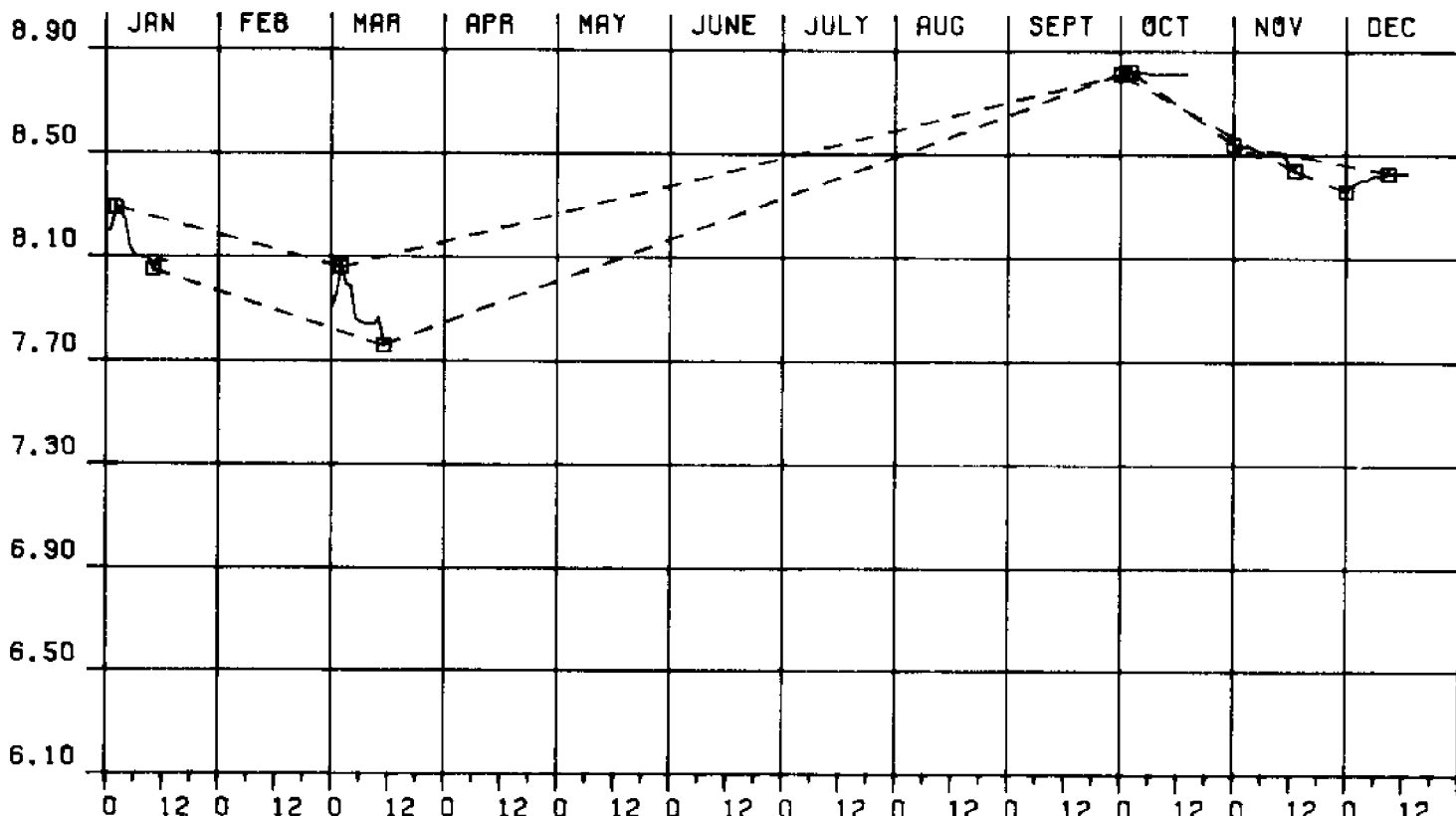


D7 1100 YARDS S OF ISLAND FREEMAN

DATE: 1974

EACH SUBGRAPH BY MONTH

DATA: DEPTH METERS VS. PH H ION CONC



DATE: MARCH 1973

STATION: 07 1100 YRDS S OF ISLAND FREEMAN

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PPT	D.O2 PPM	PH	TURBIDITY %
00	0.0	12.10	53.78	32.10	10.50	8.28	90.79
01	3.28	12.00	53.60	32.30	10.30	8.29	89.86
02	6.56	12.00	53.60	32.40	10.40	8.30	97.00
03	9.84	12.00	53.60	32.50	10.50	8.31	97.00
04	13.12	12.00	53.60	32.70	10.60	8.31	97.00
05	16.40	12.00	53.60	32.70	10.70	8.33	97.00
06	19.68	12.00	53.60	32.80	10.70	8.34	97.00
08	26.24	12.00	53.60	32.80	10.70	8.37	97.00
09	29.52	11.90	53.42	33.00	10.10	8.32	97.00
10	32.80	11.90	53.42	32.80	9.00	8.24	97.00
11	36.08	11.80	52.52	33.00	8.70	8.14	-1.00
12	39.36	11.80	51.60	33.00	7.00	8.15	-1.00
13	42.64	11.00	51.80	33.20	7.20	8.19	-1.00
14	45.92	11.00	51.80	33.20	7.20	8.17	-1.00

DATE: APRIL 1973

STATION: 07 1100 YRDS S OF ISLAND FREEMAN

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PPT	D.O2 PPM	PH	TURBIDITY %
00	0.0	16.10	60.98	33.60	12.80	-1.00	-1.00
01	3.28	16.00	60.80	33.60	12.90	-1.00	-1.00
02	6.56	15.00	60.90	33.50	12.90	-1.00	-1.00
03	9.84	15.80	60.44	33.60	13.20	-1.00	-1.00
04	13.12	15.60	60.08	33.60	13.10	-1.00	-1.00
05	16.40	15.10	59.18	33.70	8.30	-1.00	-1.00
06	19.68	15.00	59.00	33.70	8.20	-1.00	-1.00
07	22.96	15.00	59.00	33.70	6.10	-1.00	-1.00
08	26.24	14.90	58.82	33.70	5.60	-1.00	-1.00
09	29.52	14.50	58.10	33.70	5.20	-1.00	-1.00
10	32.80	14.30	57.74	33.70	5.20	-1.00	-1.00
11	36.08	14.20	57.56	33.70	5.20	-1.00	-1.00
12	39.36	14.20	57.56	33.70	4.50	-1.00	-1.00
13	42.64	14.00	57.20	33.70	3.90	-1.00	-1.00

DATE: MAY 1973

STATION: 07 1100 YRDS S OF ISLAND FREEMAN

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PPT	D.O2 PPM	PH	TURBIDITY %
00	0.0	15.10	59.18	33.60	10.00	8.30	-1.00
01	3.28	15.10	59.18	33.70	10.20	8.29	-1.00
02	6.56	14.90	58.82	33.80	8.70	8.28	-1.00
03	9.84	14.70	58.46	33.80	8.50	8.23	-1.00
04	13.12	14.60	58.28	33.70	8.40	8.21	-1.00
05	16.40	14.60	58.28	33.80	8.30	8.20	-1.00
06	19.68	14.50	58.10	33.70	8.10	8.18	-1.00
07	22.96	14.50	58.10	33.70	6.10	8.18	-1.00
08	26.24	14.40	57.92	33.80	7.80	8.16	-1.00
09	29.52	14.40	57.92	33.70	7.60	8.15	-1.00
10	32.80	13.90	57.02	33.80	6.20	8.07	-1.00
11	36.08	13.80	56.84	33.90	5.90	8.05	-1.00
12	39.36	13.80	56.84	33.90	4.80	7.96	-1.00
13	42.64	13.00	55.40	33.90	3.80	7.97	-1.00
14	45.92	12.90	55.22	33.80	3.20	7.82	-1.00

MISSING DATA VALUE IS -1.0

DATE: JUNE 1973

STATION: 07 1100 YRDS S OF ISLAND FREEMAN

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PPT	D.O2 PPM	PH	TURBIDITY %
00	0.0	20.20	68.36	33.10	9.30	-1.00	87.00
01	3.28	20.20	68.36	33.40	9.40	-1.00	88.00
02	6.56	20.00	68.00	33.40	9.60	-1.00	88.00
03	9.84	19.90	67.84	33.50	9.60	-1.00	88.00
04	13.12	18.90	66.02	33.60	8.90	-1.00	88.00
05	16.40	18.40	65.12	33.60	8.80	-1.00	87.00
06	19.68	17.70	63.86	33.60	8.40	-1.00	87.00
07	22.96	17.40	63.32	33.60	8.20	-1.00	87.00
09	29.52	15.10	59.18	33.70	8.70	-1.00	86.00
09	29.52	14.60	58.28	33.70	7.10	-1.00	86.00
10	32.80	14.00	57.20	33.80	7.20	-1.00	86.00
11	36.08	13.90	57.02	33.70	7.20	-1.00	86.00
12	39.36	13.60	56.48	33.60	6.90	-1.00	86.00
13	42.64	13.50	56.30	33.60	6.50	-1.00	87.00
14	45.92	13.10	55.58	33.60	5.40	-1.00	86.00

DATE: JULY 1973

STATION: 07 1100 YRDS S OF ISLAND FREEMAN

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PPT	D.O2 PPM	PH	TURBIDITY %
00	0.0	20.20	68.36	33.00	10.60	8.45	-1.00
01	3.28	20.20	68.36	33.10	10.70	8.46	-1.00
02	6.56	20.20	68.36	33.20	10.80	8.46	-1.00
03	9.84	19.60	67.28	33.30	11.10	8.46	-1.00
04	13.12	18.50	65.30	33.40	10.30	8.39	-1.00
05	16.40	17.70	63.86	33.40	9.80	8.33	-1.00
06	19.68	17.20	62.96	33.50	9.10	8.25	-1.00
07	22.96	16.50	61.70	33.50	8.40	8.21	-1.00
08	26.24	15.00	59.00	33.70	6.60	8.05	-1.00
09	29.52	14.30	57.74	33.70	6.00	7.98	-1.00
10	32.80	14.00	57.20	33.60	5.70	7.94	-1.00
11	36.08	13.50	56.30	33.50	5.50	7.94	-1.00
12	39.36	13.20	55.76	33.50	4.30	7.80	-1.00
13	42.64	13.00	55.40	33.60	3.90	7.77	-1.00
14	45.92	12.00	53.60	33.60	3.50	7.74	-1.00

DATE: AUGUST 1973

STATION: 07 1100 YRDS S OF ISLAND FREEMAN

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY PPT	D.O2 PPM	PH	TURBIDITY %
00	0.0	20.00	68.00	32.30	8.60	8.11	-1.00
01	3.28	20.20	68.36	33.10	8.40	8.12	-1.00
02	6.56	19.40	67.28	33.40	9.00	8.10	-1.00
03	9.84	19.30	66.74	33.40	8.60	8.14	-1.00
04	13.12	19.10	66.38	33.40	8.70	8.13	-1.00
05	16.40	18.60	65.48	33.40	8.20	8.10	-1.00
06	19.68	18.40	65.12	33.40	8.10	8.10	-1.00
07	22.96	18.20	64.76	33.40	7.90	8.10	-1.00
08	26.24	18.00	64.40	33.00	7.90	8.08	-1.00
09	29.52	17.80	64.04	33.80	7.60	8.05	-1.00
10	32.80	16.50	61.70	33.70	6.70	7.94	-1.00
11	36.08	16.70	62.06	33.60	6.50	7.94	-1.00
12	39.36	16.20	61.16	33.40	6.60	7.95	-1.00
13	42.64	16.20	61.16	33.50	6.70	7.95	-1.00
14	45.92	15.20	61.36	33.40	6.80	7.96	-1.00
15	49.20	16.20	61.16	33.40	6.90	7.96	-1.00

DATE: SEPTEMBER 1971

STATION: D7 1100 YRDS S OF ISLAND FREEMAN

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O2 PPM	PH	TURBIDITY %
00	0.0	17.90	64.22	33.50	8.40	8.33	82.00
01	3.28	17.60	63.68	33.70	8.60	8.35	82.50
02	6.56	17.70	63.86	33.50	8.60	8.33	82.50
03	9.84	17.50	63.50	33.40	8.60	8.35	82.50
04	13.12	17.30	63.14	33.60	8.60	8.35	82.00
05	16.40	17.00	62.60	33.60	8.40	8.32	85.00
06	19.68	16.30	61.34	34.00	7.60	8.25	86.00
07	22.96	16.00	60.80	33.60	7.00	8.20	86.50
08	26.24	15.50	59.90	33.90	7.60	8.17	85.50
09	29.52	15.00	59.00	34.00	8.20	8.13	83.50
10	32.80	14.60	58.28	33.90	6.00	8.12	80.00
11	36.08	14.30	57.74	34.10	5.80	8.10	81.50
12	39.36	14.00	57.20	34.10	5.00	8.04	81.00
13	42.64	13.80	56.84	34.30	3.40	7.91	79.00
14	45.92	13.30	55.94	34.30	3.00	7.85	73.30
15	49.20	13.20	55.76	34.20	2.20	7.78	56.00

DATE: OCTOBER 1971

STATION: D7 1100 YRDS S OF ISLAND FREEMAN

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O2 PPM	PH	TURBIDITY %
00	0.0	17.50	63.50	33.60	8.30	8.45	65.00
01	3.28	16.30	61.34	33.50	8.40	8.43	67.00
02	6.56	16.00	60.80	33.40	8.40	8.44	74.00
03	9.84	15.80	60.44	33.45	8.30	8.44	80.00
04	13.12	15.70	60.26	33.45	8.10	8.42	82.00
05	16.40	15.60	60.08	33.40	8.20	8.42	83.00
06	19.68	15.60	60.08	33.45	7.70	8.42	84.00
07	22.96	15.60	60.08	33.40	7.60	8.42	84.00
08	26.24	15.50	59.90	33.35	7.70	8.42	85.00
09	29.52	15.50	59.90	33.35	7.50	8.39	86.00
10	32.80	15.40	59.72	33.35	7.10	8.33	87.00
11	36.08	14.80	58.64	33.50	5.70	8.19	86.00

DATE: NOVEMBER 1971

STATION: D7 1100 YRDS S OF ISLAND FREEMAN

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O2 PPM	PH	TURBIDITY %
00	0.0	13.80	54.84	33.40	8.30	7.32	80.00
01	3.28	13.80	55.84	33.50	8.40	7.34	80.00
02	6.56	13.30	55.94	33.60	8.20	7.35	80.00
03	9.84	13.20	55.76	33.60	8.10	7.34	81.00
04	13.12	13.00	55.40	33.60	8.00	7.34	82.00
05	16.40	13.00	55.40	33.60	7.80	7.34	83.00
06	19.68	12.90	55.22	33.60	7.40	7.30	84.50
07	22.96	12.60	54.68	33.75	6.80	7.29	86.00
08	26.24	12.60	54.68	33.75	6.80	7.29	85.50
09	29.52	12.60	54.68	33.75	7.20	7.29	82.00
10	32.80	12.60	54.68	33.70	7.00	7.30	81.00
11	36.08	12.60	54.68	33.70	6.80	7.30	80.00

MISSING DATA VALUE IS -1.0

DATE: DECEMBER 1971

STATION: D7 1100 YRDS S OF ISLAND FREEMAN

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O2 PPM	PH	TURBIDITY %
00	0.0	13.10	55.58	33.90	7.70	-1.00	70.00
01	3.28	13.30	55.94	33.70	7.60	-1.00	71.00
02	6.56	13.10	55.58	33.90	7.50	-1.00	75.00
03	9.84	13.00	55.40	33.60	7.90	-1.00	76.00
04	13.12	12.90	55.22	33.90	7.60	-1.00	75.50
05	16.40	12.90	55.22	33.50	7.70	-1.00	75.50
06	19.68	12.90	55.22	33.30	7.60	-1.00	75.00
07	22.96	12.90	55.22	33.70	7.50	-1.00	75.00
08	26.24	12.90	55.22	33.30	7.90	-1.00	75.00
09	29.52	12.50	54.50	33.60	7.30	-1.00	75.00
10	32.80	12.50	54.50	33.60	6.70	-1.00	74.00
11	36.08	12.50	54.50	33.60	6.50	-1.00	79.00
12	39.36	12.50	54.50	33.90	6.30	-1.00	73.00

DATE: JANUARY 1974

STATION: D7 1100 YRDS S OF ISLAND FREEMAN

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O2 PPM	PH	TURBIDITY %
00	0.0	13.90	57.02	33.00	8.90	8.20	85.00
01	3.28	13.90	57.02	33.40	8.90	8.20	85.00
02	6.56	13.60	56.48	33.60	9.60	8.29	85.50
03	9.84	13.40	56.12	33.70	9.10	8.27	86.00
04	13.12	13.30	55.94	33.70	8.60	8.24	86.00
05	16.40	13.20	55.76	33.70	7.70	8.14	85.00
06	19.68	13.00	55.40	33.80	7.10	8.10	83.00
07	22.96	12.90	55.22	33.80	7.00	8.10	79.00
08	26.24	12.80	55.04	33.80	6.80	8.09	79.00
09	29.52	12.80	55.04	33.80	6.90	8.10	77.00
10	32.80	12.80	55.04	33.80	6.40	8.05	77.00
11	36.08	12.70	54.86	33.80	5.70	8.10	75.00
12	39.36	12.70	54.86	33.80	5.50	8.08	75.50
13	42.64	12.70	54.86	33.80	5.40	8.08	66.00

DATE: FEBRUARY 1974

STATION: D7 1100 YRDS S OF ISLAND FREEMAN

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O2 PPM	PH	TURBIDITY %
00	0.0	15.70	60.26	33.30	8.10	-1.00	88.50
01	3.28	15.00	59.00	33.45	8.10	-1.00	90.00
02	6.56	14.60	58.28	33.45	4.30	-1.00	90.00
03	9.84	14.40	57.92	33.85	3.80	-1.00	90.00
04	13.12	14.20	57.56	33.90	6.50	-1.00	90.50
05	16.40	14.10	57.38	33.55	8.60	-1.00	91.00
06	19.68	13.90	57.02	33.55	8.70	-1.00	90.00
07	22.96	13.90	57.02	33.50	9.70	-1.00	90.00
08	26.24	13.80	56.84	33.50	8.60	-1.00	89.50
09	29.52	13.50	56.30	33.70	7.20	-1.00	82.50
10	32.80	13.00	55.40	33.70	6.80	-1.00	81.50
11	36.08	12.90	55.22	33.65	6.50	-1.00	81.00
12	39.36	12.80	55.04	33.60	6.40	-1.00	59.50
13	42.64	12.70	54.86	33.50	6.20	-1.00	62.00

MISSING DATA VALUE IS -1.0

DATE: MARCH 1974  
STATION: D7 1100 YRDS S OF ISLAND FREEMAN

DATE: JUNE 1974  
STATION: D7 1100 YRDS S OF ISLAND FREEMAN

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O2 PPM	PH	TURBIDITY %
00	0.0	16.90	62.42	32.55	8.70	7.91	-1.00
01	3.28	15.80	60.44	33.25	9.10	7.96	-1.00
02	6.56	15.10	59.18	33.30	9.33	8.06	-1.00
03	9.84	14.60	58.28	33.35	9.30	7.99	-1.00
04	13.12	14.30	57.74	33.35	9.10	7.99	-1.00
05	16.40	14.00	57.20	33.45	8.20	7.86	-1.00
06	19.68	13.80	56.84	33.45	8.10	7.85	-1.00
07	22.96	13.70	56.66	33.45	7.90	7.84	-1.00
08	26.24	13.70	56.66	33.45	7.90	7.84	-1.00
09	29.52	13.70	56.66	33.45	7.70	7.84	-1.00
10	32.80	13.60	56.48	33.45	8.00	7.87	-1.00
11	36.08	13.00	55.40	33.45	7.10	7.76	-1.00

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O2 PPM	PH	TURBIDITY %
00	0.0	18.70	65.66	26.80	12.70	-1.00	83.50
01	3.28	18.50	65.30	27.40	12.50	-1.00	82.50
02	6.56	19.10	66.58	28.60	12.70	-1.00	82.50
03	9.84	17.30	63.14	28.80	11.50	-1.00	83.50
04	13.12	17.20	62.96	28.80	10.90	-1.00	87.00
05	16.40	16.00	60.80	28.90	10.50	-1.00	92.00
06	19.68	14.20	57.56	29.40	7.80	-1.00	84.00
07	22.96	13.70	56.66	29.10	6.30	-1.00	83.00
08	26.24	13.20	55.76	29.20	4.40	-1.00	81.00
09	29.52	13.00	55.40	29.30	3.90	-1.00	79.00
10	32.80	12.80	55.04	29.40	3.50	-1.00	84.00
11	36.08	12.00	53.60	29.50	2.80	-1.00	80.00
12	39.36	11.30	52.34	29.60	1.30	-1.00	-1.00

\* Possible probe malfunction

DATE: APRIL 1974  
STATION: D7 1100 YRDS S OF ISLAND FREEMAN

DATE: JULY 1974  
STATION: D7 1100 YRDS S OF ISLAND FREEMAN

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O2 PPM	PH	TURBIDITY %
00	0.0	15.20	59.36	33.10	9.30	-1.00	76.00
01	3.28	15.20	59.36	33.10	9.00	-1.00	77.00
02	6.56	15.10	59.18	33.15	9.20	-1.00	77.50
03	9.84	15.00	59.00	33.40	9.60	-1.00	77.00
04	13.12	15.00	59.00	33.50	9.90	-1.00	79.00
05	16.40	14.90	58.82	33.50	9.50	-1.00	79.00
06	19.68	14.90	58.82	33.60	9.00	-1.00	79.00
07	22.96	14.80	58.64	33.60	8.70	-1.00	81.00
08	26.24	14.70	58.46	33.90	7.20	-1.00	81.00
09	29.52	14.70	57.74	34.10	6.70	-1.00	78.00
10	32.80	14.30	57.74	33.70	6.70	-1.00	76.00
11	36.08	14.30	57.74	33.70	6.70	-1.00	73.00
12	39.36	14.30	57.74	33.65	6.70	-1.00	72.00

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O2 PPM	PH	TURBIDITY %
00	0.0	21.00	69.80	32.70	-1.00	-1.00	70.00
01	3.28	21.00	69.80	32.60	-1.00	-1.00	75.00
02	6.56	20.80	69.44	32.80	-1.00	-1.00	73.50
03	9.84	20.50	68.90	32.80	-1.00	-1.00	73.00
04	13.12	20.10	68.18	32.70	-1.00	-1.00	76.50
05	16.40	19.80	67.64	32.80	-1.00	-1.00	82.50
06	19.68	18.80	65.84	32.70	-1.00	-1.00	83.50
07	22.96	18.30	64.94	33.10	-1.00	-1.00	83.50
08	26.24	18.00	64.40	32.80	-1.00	-1.00	83.00
09	29.52	17.90	64.22	32.80	-1.00	-1.00	83.50
10	32.80	17.80	64.04	32.90	-1.00	-1.00	83.50
11	36.08	16.10	60.98	33.50	-1.00	-1.00	83.50
12	39.36	15.20	59.36	33.60	-1.00	-1.00	83.50
13	42.64	14.90	58.82	33.40	-1.00	-1.00	83.50
14	45.92	14.60	57.20	33.90	-1.00	-1.00	83.50

DATE: MAY 1974  
STATION: D7 1100 YRDS S OF ISLAND FREEMAN

DATE: AUGUST 1974  
STATION: D7 1100 YRDS S OF ISLAND FREEMAN

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O2 PPM	PH	TURBIDITY %
00	0.0	18.10	64.58	-1.00	10.90	-1.00	74.00
01	3.28	18.10	64.58	-1.00	11.20	-1.00	74.50
02	6.56	18.10	64.58	-1.00	11.40	-1.00	74.00
03	9.84	17.10	62.78	-1.00	10.90	-1.00	75.00
04	13.12	16.60	61.88	-1.00	10.70	-1.00	81.50
05	16.40	16.20	61.16	-1.00	10.90	-1.00	84.00
06	19.68	16.10	60.98	-1.00	10.90	-1.00	86.00
07	22.96	16.10	60.98	-1.00	10.80	-1.00	81.50
08	26.24	15.80	60.44	-1.00	10.30	-1.00	82.00
09	29.52	15.40	59.72	-1.00	9.70	-1.00	82.00
10	32.80	15.40	59.72	-1.00	9.50	-1.00	57.00

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O2 PPM	PH	TURBIDITY %
00	0.0	16.50	61.30	32.30	11.00	-1.00	77.00
01	3.28	17.90	64.22	32.50	9.50	-1.00	72.00
02	6.56	17.40	63.32	32.30	8.80	-1.00	84.00
03	9.84	17.20	62.96	32.40	8.70	-1.00	86.00
04	13.12	17.00	62.60	32.50	8.30	-1.00	89.00
05	16.40	16.80	62.24	32.56	7.90	-1.00	89.50
06	19.68	16.70	62.06	32.50	7.70	-1.00	89.00
07	22.96	16.50	61.70	32.56	7.60	-1.00	87.50
08	26.24	16.20	61.16	32.50	7.20	-1.00	86.50
09	29.52	15.20	59.36	32.70	6.00	-1.00	70.00
10	32.80	14.30	57.74	32.90	5.60	-1.00	60.00
11	36.08	14.20	57.56	32.80	5.70	-1.00	60.50
12	39.36	14.10	57.38	32.90	6.00	-1.00	63.00
13	42.64	14.00	57.20	32.80	6.00	-1.00	71.00
14	45.92	14.00	57.20	32.80	6.00	-1.00	64.00

MISSING DATA VALUE IS -1.00

DATE: SEPTEMBER 1974

STATION: 07 1100 YRDS S OF ISLAND FREEMAN

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O.2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	20.10	68.18	33.20	10.20	-1.00	53.50
01	3.28	19.70	67.46	33.30	9.60	-1.00	55.50
02	6.56	19.60	67.28	33.40	9.10	-1.00	61.50
03	9.84	19.40	66.92	33.40	8.20	-1.00	67.00
04	13.12	19.20	66.56	33.50	8.30	-1.00	69.00
05	16.40	19.10	66.38	33.50	8.20	-1.00	69.00
06	19.68	18.80	65.84	33.50	7.40	-1.00	69.00
07	22.96	18.60	65.48	33.50	6.50	-1.00	70.50
08	26.24	18.20	64.76	33.70	4.60	-1.00	70.50
09	29.52	17.50	63.50	33.90	4.00	-1.00	69.50
10	32.80	17.40	63.32	33.70	4.00	-1.00	64.50
11	36.08	17.20	62.96	33.70	3.40	-1.00	61.50
12	39.36	17.00	62.60	33.70	3.20	-1.00	57.00
13	42.64	16.60	61.88	33.60	2.60	-1.00	60.00
14	45.92	16.30	61.34	33.60	2.00	-1.00	30.50

DATE: NOVEMBER 1974

STATION: 07 1100 YRDS S OF ISLAND FREEMAN

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O.2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	16.10	60.98	33.60	9.80	8.54	-1.00
01	3.28	15.60	60.08	33.40	7.20	8.50	-1.00
02	6.56	15.40	59.72	33.70	8.90	8.50	-1.00
03	9.84	15.10	59.18	33.70	6.20	8.51	-1.00
04	13.12	15.00	59.00	33.70	4.00	8.51	-1.00
05	16.40	15.00	59.00	33.60	6.50	8.49	-1.00
06	19.68	14.80	58.64	33.80	8.40	8.49	-1.00
07	22.96	14.60	58.28	33.90	8.70	8.50	-1.00
08	26.24	14.40	57.92	33.80	8.30	8.50	-1.00
09	29.52	14.00	57.20	33.80	8.40	8.45	-1.00
10	32.80	14.00	57.20	33.80	8.40	8.45	-1.00
11	36.08	14.50	58.10	33.80	8.00	8.49	-1.00
12	39.36	14.50	58.10	33.80	7.40	8.45	-1.00
13	42.64	14.50	58.10	33.80	7.20	8.44	-1.00

DATE: OCTOBER 1974

STATION: 07 1100 YRDS S OF ISLAND FREEMAN

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O.2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	20.00	68.00	33.50	9.40	8.81	79.50
01	3.28	21.50	70.70	33.50	-1.00	8.81	79.50
02	6.56	19.50	67.10	33.70	-1.00	8.82	80.00
03	9.84	17.50	63.50	33.70	-1.00	8.82	81.50
04	13.12	17.50	63.50	33.80	-1.00	8.82	81.50
05	16.40	16.00	60.80	33.90	-1.00	8.82	82.00
06	19.68	14.80	58.64	34.20	-1.00	8.81	65.00
07	22.96	11.50	52.70	34.20	-1.00	8.81	85.50
08	26.24	11.00	51.80	34.10	-1.00	8.81	83.00
09	29.52	7.50	45.50	34.10	-1.00	8.81	81.50
10	32.80	9.00	48.20	34.10	-1.00	8.81	82.00
11	36.08	8.50	47.30	34.00	-1.00	8.91	80.50
12	39.36	8.00	46.40	34.00	-1.00	8.81	80.00
13	42.64	8.00	46.40	33.90	-1.00	8.81	77.00
14	45.92	7.00	44.60	33.80	-1.00	8.81	41.00

MISSING DATA VALUE IS -1.0

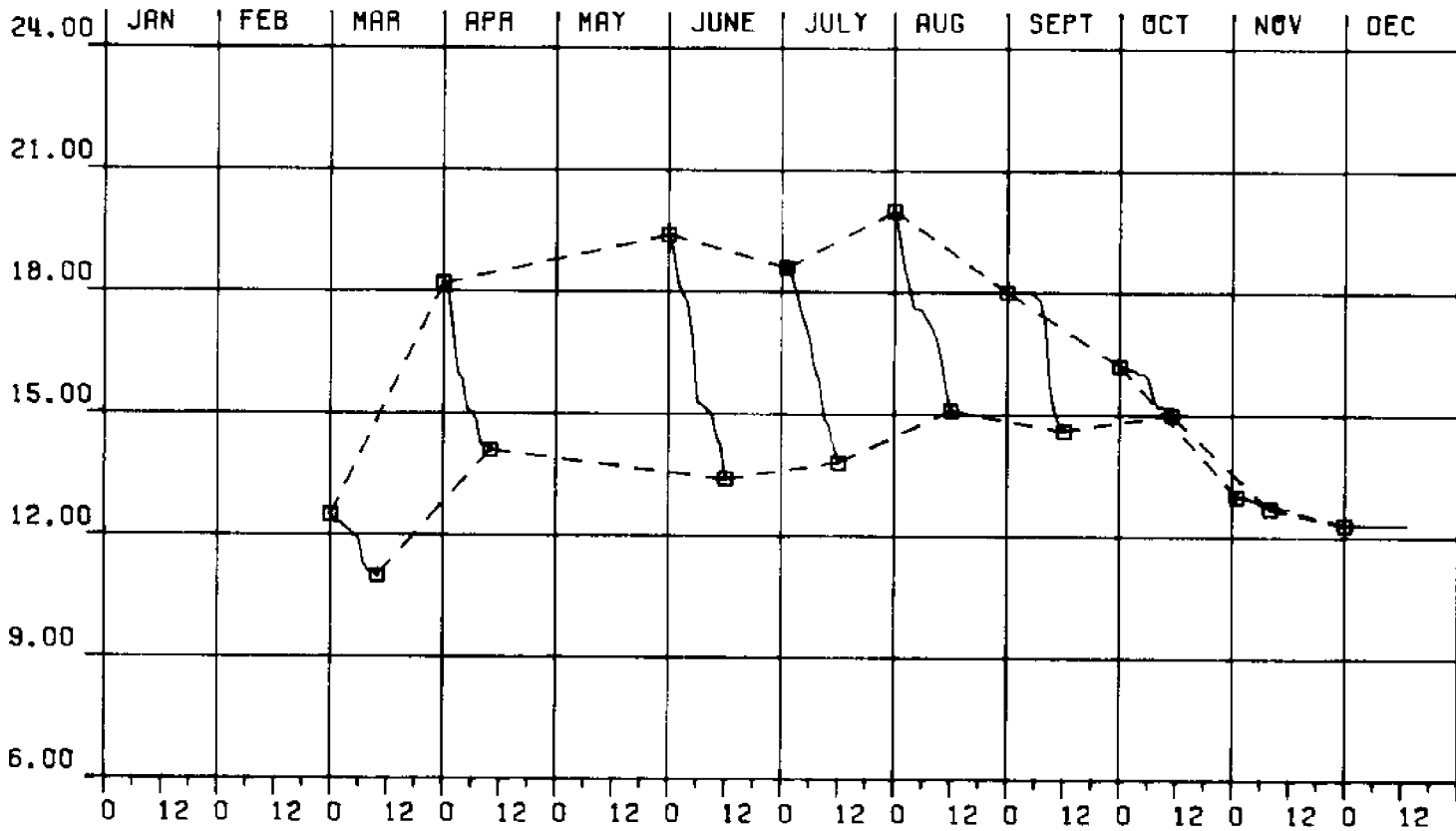
DATE: DECEMBER 1974

STATION: 07 1100 YRDS S OF ISLAND FREEMAN

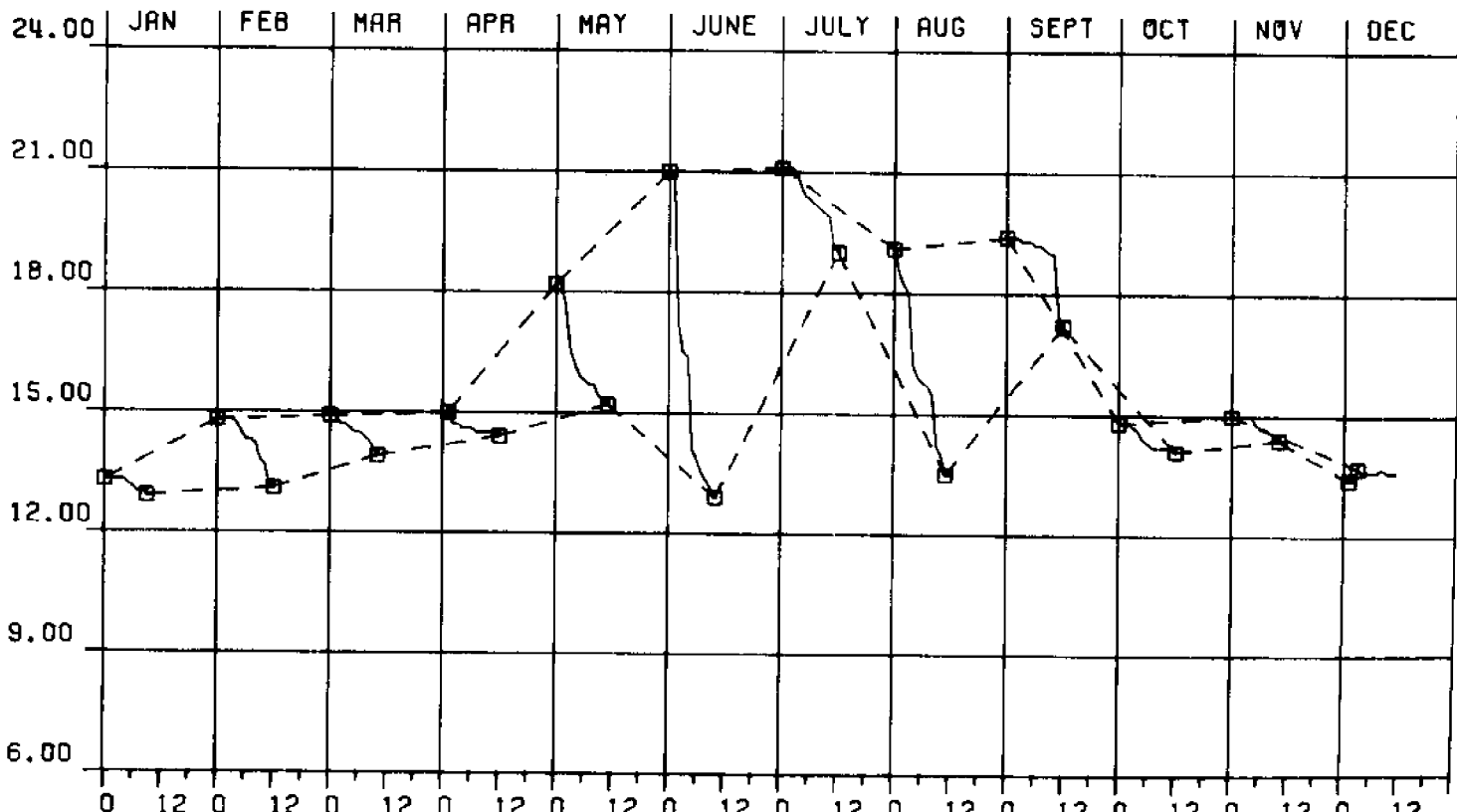
DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O.2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	13.40	56.12	33.40	7.10	8.36	82.00
01	3.28	13.40	56.12	33.60	7.10	8.38	80.00
02	6.56	13.60	56.48	33.60	7.30	8.39	82.50
03	9.84	13.60	56.48	33.70	7.50	8.40	81.50
04	13.12	13.60	56.48	33.70	7.70	8.40	81.50
05	16.40	13.60	56.48	33.70	7.00	8.41	80.00
06	19.68	13.60	56.48	33.70	7.20	8.42	80.00
07	22.96	13.60	56.48	33.70	7.20	8.42	80.90
08	26.24	13.60	56.48	33.70	7.10	8.42	80.00
09	29.52	13.60	56.48	33.70	7.10	8.43	87.00
10	32.80	13.60	56.48	33.70	7.10	8.43	87.00
11	36.08	13.60	56.48	33.70	6.90	8.43	87.00
12	39.36	13.60	56.48	33.70	6.80	8.43	86.50
13	42.64	13.60	56.48	33.70	6.90	8.43	85.00

MISSING DATA VALUE IS -1.0

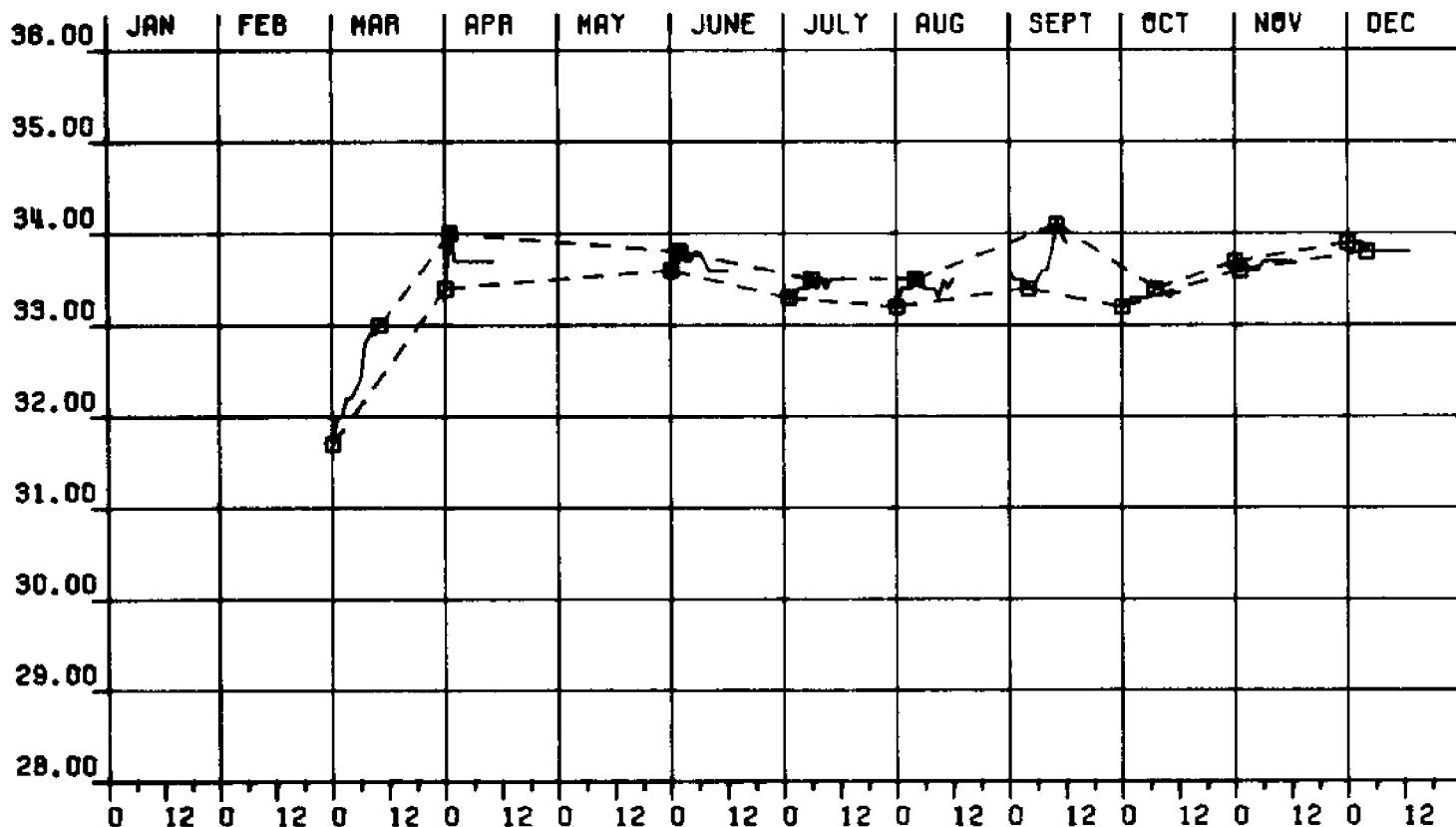
08 .28 NAUT M. TO SE CORNER, ESTER  
 DATE: 1973  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. TEMPERATURE CELSIUS



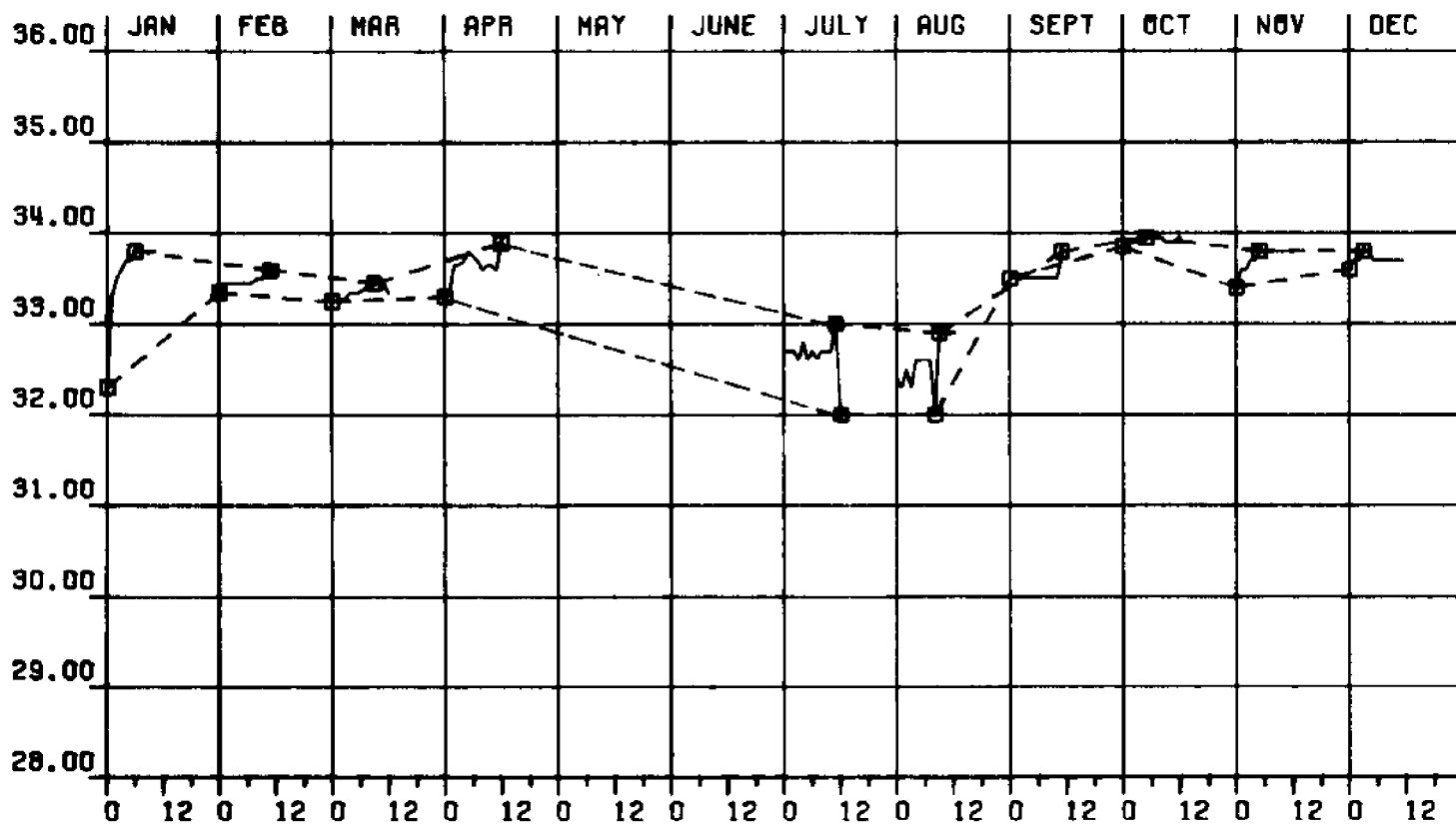
08 .28 NAUT M. TO SE CORNER, ESTER  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. TEMPERATURE CELSIUS



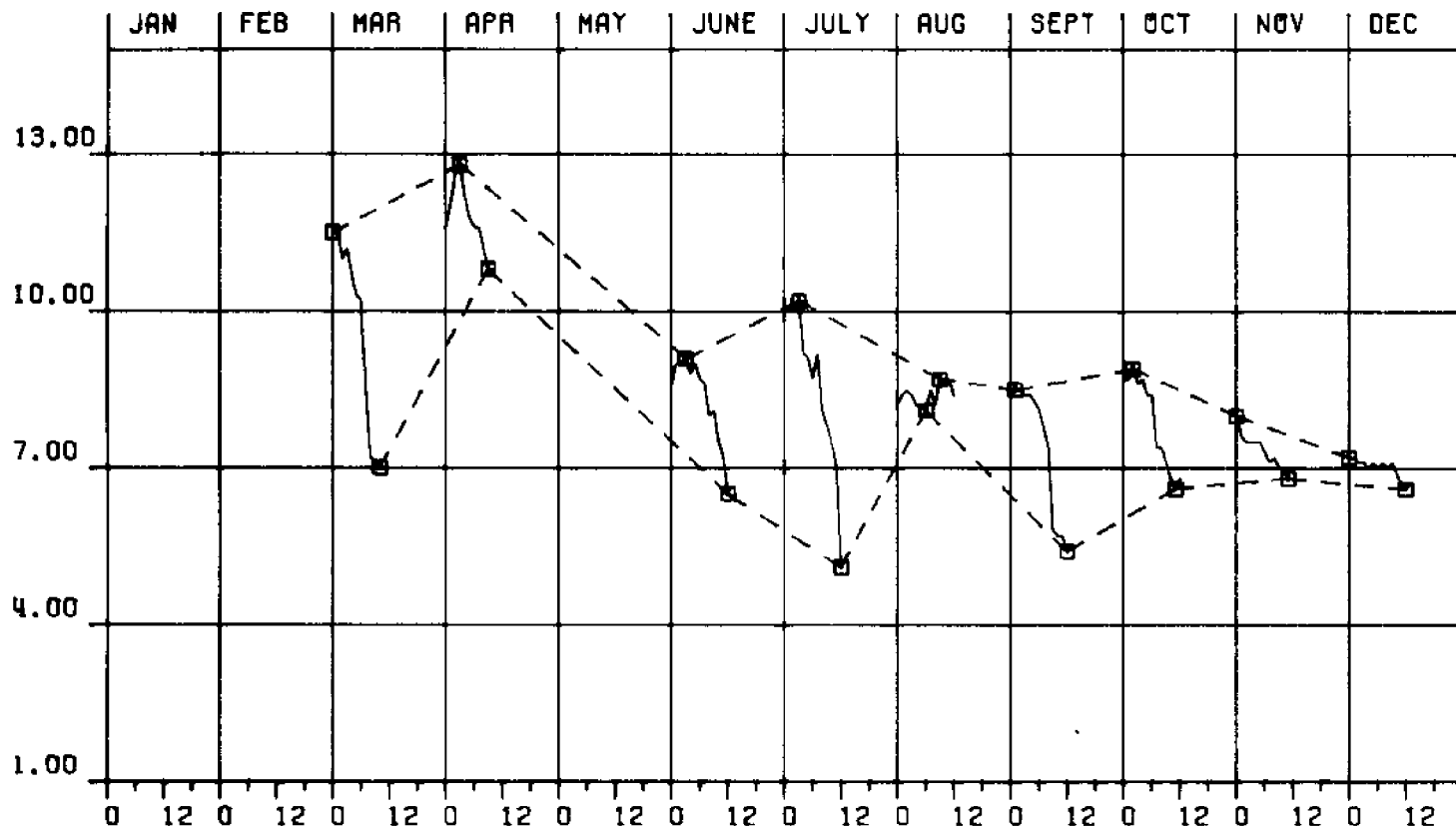
08 .28 NAUT M. TO SE CORNER, ESTER  
 DATE: 1973  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. SALINITY PPT



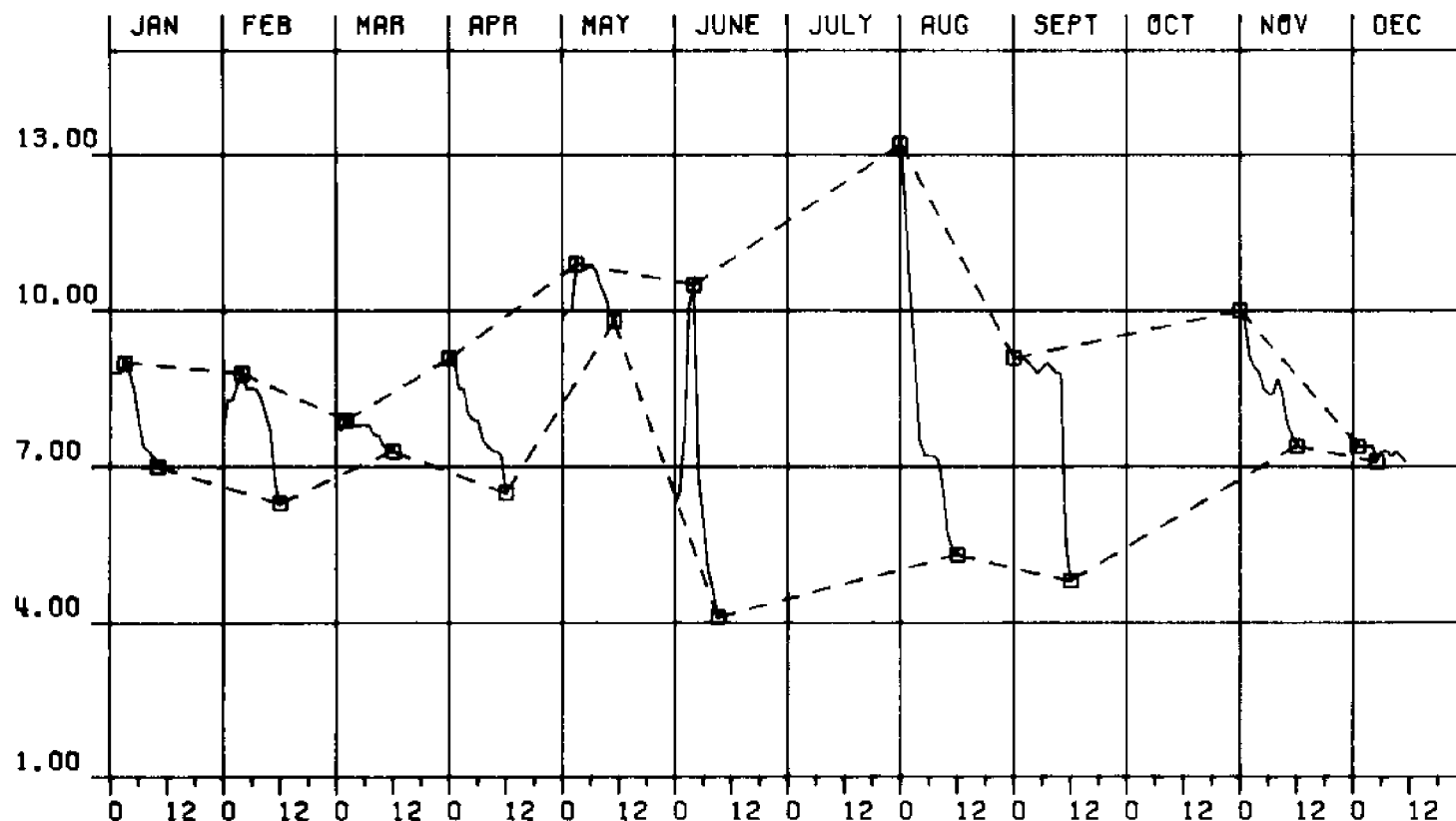
08 .28 NAUT M. TO SE CORNER, ESTER  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. SALINITY PPT



08 .28 NAUT M. TO SE CORNER, ESTER  
 DATE: 1973  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. DISSOLVED OXYGEN PPM

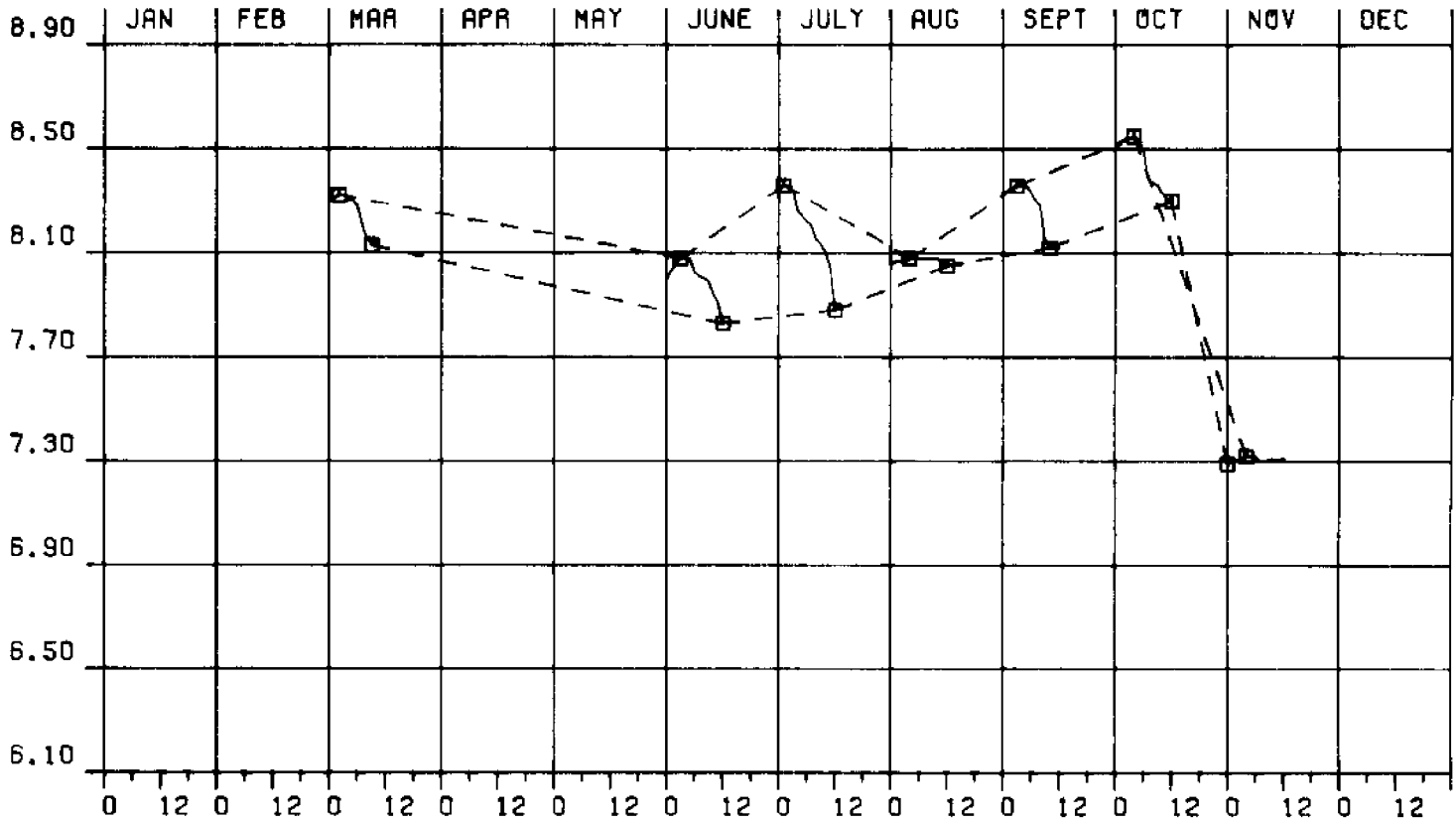


08 .28 NAUT M. TO SE CORNER, ESTER  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. DISSOLVED OXYGEN PPM





08 .28 NAUT M. TO SE CORNER, ESTER  
 DATE: 1973  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. PH H ION CONC



DATE: MARCH 1973  
STATION: 08 28 NAUT M. TO SE CORNER, ESTER

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O.2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	12.50	54.50	31.70	11.50	8.30	86.00
01	3.28	12.30	54.14	32.00	11.50	8.31	86.00
02	6.56	12.30	54.14	32.00	11.00	8.32	86.00
03	9.84	12.20	53.96	32.20	11.20	8.32	86.00
04	13.12	12.10	53.78	32.20	10.70	8.30	86.00
05	16.40	12.00	53.60	32.30	10.30	8.30	86.00
06	19.68	11.90	53.42	32.40	10.20	8.28	87.00
07	22.96	11.50	52.72	32.40	9.50	8.20	83.00
08	26.24	11.10	51.98	32.90	7.20	8.15	79.00
09	29.52	11.10	51.98	32.90	7.10	8.13	-1.00
10	32.80	11.00	51.80	33.00	7.00	8.14	-1.00

DATE: APRIL 1973  
STATION: 03 28 NAUT M. TO SE CORNER, ESTER

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O.2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	18.20	64.76	33.40	11.60	-1.00	-1.00
01	3.28	18.10	64.58	34.00	12.00	-1.00	-1.00
02	6.56	17.00	62.60	33.70	12.60	-1.00	-1.00
03	9.84	16.00	60.80	33.70	12.90	-1.00	-1.00
04	13.12	15.80	60.44	33.70	12.20	-1.00	-1.00
05	16.40	15.10	59.18	33.70	11.80	-1.00	-1.00
06	19.68	15.00	59.00	33.70	11.60	-1.00	-1.00
07	22.96	14.80	58.64	33.70	11.60	-1.00	-1.00
08	26.24	14.70	57.56	33.70	11.20	-1.00	-1.00
09	29.52	14.20	57.56	33.70	10.80	-1.00	-1.00
10	32.80	14.10	57.38	33.70	10.80	-1.00	-1.00

DATE: JUNE 1973  
STATION: 09 28 NAUT M. TO SE CORNER, ESTER

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O.2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	19.40	66.92	33.60	8.60	8.00	72.00
01	3.28	18.90	66.02	33.60	9.90	8.03	72.00
02	6.56	18.20	64.76	33.80	9.00	8.06	73.00
03	9.84	17.90	64.22	33.70	9.10	8.08	75.00
04	13.12	17.70	63.86	33.70	8.80	8.08	75.00
05	16.40	16.80	62.24	33.80	9.00	8.08	75.00
06	19.68	15.30	59.54	33.80	8.70	8.07	75.00
07	22.96	15.20	59.36	33.70	8.60	8.01	76.00
08	26.24	14.10	57.38	33.60	8.00	8.00	76.00
09	29.52	13.00	55.40	33.60	8.10	7.99	76.00
10	32.80	14.50	58.10	33.60	7.50	7.94	76.00
11	36.08	14.20	57.56	33.60	7.20	7.91	76.00
12	39.36	13.40	56.12	33.60	6.50	7.83	76.00

MISSING DATA VALUE IS -1.00

DATE: JULY 1973  
STATION: 06 28 NAUT M. TO SE CORNER, ESTER

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O.2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	18.50	65.30	33.40	10.00	8.38	-1.00
01	3.28	18.80	65.48	33.30	10.00	8.36	-1.00
02	6.56	18.40	65.12	33.30	10.00	8.35	-1.00
03	9.84	18.00	64.40	33.40	10.20	8.34	-1.00
04	13.12	17.50	63.50	33.40	9.20	8.28	-1.00
05	16.40	17.20	62.96	33.40	9.10	8.24	-1.00
06	19.68	16.80	62.24	33.50	8.70	8.22	-1.00
07	22.96	16.10	60.98	33.40	9.20	8.20	-1.00
08	26.24	15.80	60.44	33.50	8.10	8.15	-1.00
09	29.52	14.90	58.82	33.40	7.80	8.13	-1.00
10	32.80	14.70	58.46	33.50	7.50	8.10	-1.00
11	36.08	14.20	57.56	33.50	7.00	8.04	-1.00
12	39.36	13.80	56.84	33.50	5.10	7.88	-1.00

DATE: AUGUST 1973  
STATION: 08 28 NAUT M. TO SE CORNER, ESTER

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O.2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	20.00	68.00	33.20	8.20	8.06	-1.00
01	3.28	19.40	66.92	33.40	8.40	8.07	-1.00
02	6.56	18.60	65.48	33.40	8.50	8.07	-1.00
03	9.84	18.20	64.76	33.40	8.40	8.07	-1.00
04	13.12	17.80	64.04	33.50	8.20	8.08	-1.00
05	16.40	17.60	63.68	33.50	8.20	8.08	-1.00
06	19.68	17.50	63.50	33.40	8.10	8.08	-1.00
07	22.96	17.30	63.14	33.40	8.00	8.08	-1.00
08	26.24	17.10	62.78	33.40	8.20	8.08	-1.00
09	29.52	16.80	62.24	33.30	8.70	8.08	-1.00
10	32.80	16.30	61.34	33.60	8.60	8.08	-1.00
11	36.08	15.40	60.08	33.40	8.70	8.06	-1.00
12	39.36	15.10	59.18	33.50	8.40	8.05	-1.00

DATE: SEPTEMBER 1973  
STATION: 06 28 NAUT M. TO SE CORNER, ESTER

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O.2 PPM	PH M. ION CONC	TURBIDITY %
00	0.0	18.00	64.40	33.60	8.40	8.33	86.00
01	3.28	18.00	64.40	33.60	8.50	8.34	86.00
02	6.56	18.00	64.40	33.60	8.50	8.35	86.00
03	9.84	18.00	64.40	33.50	8.40	8.36	85.00
04	13.12	18.00	64.40	33.40	8.40	8.36	85.00
05	16.40	19.00	64.40	33.40	8.30	8.36	85.00
06	19.68	17.90	64.22	33.50	8.10	8.33	85.00
07	22.96	17.80	64.04	33.40	7.90	8.30	85.00
08	26.24	17.30	63.14	33.60	7.40	8.28	85.00
09	29.52	15.70	60.26	33.80	8.80	8.14	84.00
10	32.80	15.10	59.18	34.10	8.70	8.12	78.50
11	36.08	14.70	58.46	34.00	8.70	8.12	72.00
12	39.36	14.60	59.26	33.90	8.40	8.12	62.50

DATE: OCTOBER 1973

STATION: 08 428 NAUT M. TO SE CORNER, ESTER

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O.2 PPM	PH	TURBIDITY %
00	0.0	16.20	61.16	33.20	8.70	8.50	20.00
01	3.28	16.20	61.16	33.20	8.70	8.52	22.00
02	6.56	16.10	60.98	33.30	8.70	8.54	25.00
03	9.84	16.10	60.98	33.30	8.60	8.54	28.00
04	13.12	16.00	60.80	33.30	8.70	8.55	30.00
05	16.40	16.00	60.80	33.30	8.40	8.53	33.00
06	19.68	15.90	60.62	33.30	8.40	8.49	36.00
07	22.96	15.80	59.72	33.40	7.40	8.36	39.00
08	26.24	15.70	59.36	33.40	7.40	8.37	42.00
09	29.52	15.70	59.36	33.35	7.10	8.38	45.00
10	32.80	15.60	59.18	33.30	6.60	8.23	48.00
11	36.08	15.50	58.90	33.30	6.50	8.11	51.00
12	39.36	15.40	58.60	33.35	6.40	8.10	54.00

DATE: NOVEMBER 1973

STATION: 08 428 NAUT M. TO SE CORNER, ESTER

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O.2 PPM	PH	TURBIDITY %
00	0.0	12.60	54.64	33.70	4.00	7.25	78.00
01	3.28	13.00	55.40	33.60	7.60	7.30	79.00
02	6.56	13.00	55.40	33.60	7.50	7.10	80.00
03	9.84	13.00	55.40	33.60	7.50	7.11	80.00
04	13.12	12.90	55.22	33.60	7.50	7.12	82.00
05	16.40	12.90	55.22	33.60	7.50	7.12	84.00
06	19.68	12.80	55.04	33.70	7.10	7.12	87.00
07	22.96	12.80	55.04	33.70	7.10	7.10	85.00
08	26.24	12.70	54.86	33.70	7.20	7.10	83.50
09	29.52	12.70	54.86	33.70	7.00	7.11	83.00
10	32.80	12.70	54.86	33.70	7.00	7.11	82.00
11	36.08	12.70	54.86	33.70	6.80	7.11	80.00
12	39.36	12.70	54.86	33.70	6.80	7.11	78.00

DATE: DECEMBER 1973

STATION: 08 428 NAUT M. TO SE CORNER, ESTER

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O.2 PPM	PH	TURBIDITY %
00	0.0	12.30	54.14	33.90	7.20	-1.00	73.00
01	3.28	12.30	54.14	33.90	7.20	-1.00	73.50
02	6.56	12.30	54.14	33.90	7.10	-1.00	73.50
03	9.84	12.30	54.14	33.90	7.10	-1.00	73.50
04	13.12	12.30	54.14	33.90	7.10	-1.00	74.00
05	16.40	12.30	54.14	33.90	7.10	-1.00	73.50
06	19.68	12.30	54.14	33.80	7.00	-1.00	74.50
07	22.96	12.20	54.14	33.90	7.10	-1.00	74.50
08	26.24	12.30	54.14	33.80	7.00	-1.00	75.00
09	29.52	12.20	54.14	33.80	7.10	-1.00	75.50
10	32.80	12.30	54.14	33.80	6.90	-1.00	75.50
11	36.08	12.30	54.14	33.80	6.70	-1.00	76.00
12	39.36	12.30	54.14	33.80	6.60	-1.00	76.50
13	42.64	12.30	54.14	33.80	6.70	-1.00	76.50

MISSING DATA VALUE IS -1.00

DATE: JANUARY 1974

STATION: 09 428 NAUT M. TO SE CORNER, ESTER

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O.2 PPM	PH	TURBIDITY %
00	0.0	13.30	55.94	32.30	8.80	8.24	79.00
01	3.28	13.30	55.94	32.30	8.80	8.24	80.00
02	6.56	13.30	55.94	32.50	8.80	8.26	79.00
03	9.84	13.30	55.94	32.60	9.00	8.29	79.50
04	13.12	13.30	55.94	32.70	8.80	8.28	81.00
05	16.40	13.20	55.76	32.70	8.50	8.24	81.00
06	19.68	13.10	55.58	32.80	7.90	8.19	81.00
07	22.96	13.00	55.40	32.80	7.40	8.16	81.00
08	26.24	13.00	55.40	32.80	7.30	8.16	78.00
09	29.52	12.90	55.22	32.80	7.20	8.15	74.00
10	32.80	12.90	55.22	32.80	7.00	8.14	70.00

DATE: FEBRUARY 1974

STATION: 09 428 NAUT M. TO SE CORNER, ESTER

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O.2 PPM	PH	TURBIDITY %
00	0.0	14.20	57.56	33.35	7.70	-1.00	84.00
01	3.28	14.20	57.56	33.45	8.30	-1.00	84.50
02	6.56	14.20	57.56	33.45	8.30	-1.00	84.50
03	9.84	14.20	57.56	33.45	8.30	-1.00	84.00
04	13.12	14.20	57.56	33.45	8.30	-1.00	84.50
05	16.40	14.20	57.56	33.45	8.30	-1.00	82.50
06	19.68	14.30	57.74	33.45	8.50	-1.00	83.00
07	22.96	14.30	57.74	33.45	8.50	-1.00	81.50
08	26.24	14.20	57.56	33.40	8.30	-1.00	80.00
09	29.52	14.20	57.56	33.50	8.00	-1.00	75.50
10	32.80	14.20	57.56	33.55	7.70	-1.00	75.50
11	36.08	14.20	57.56	33.60	7.50	-1.00	63.00
12	39.36	14.10	57.38	33.65	6.30	-1.00	62.00

DATE: MARCH 1974

STATION: 09 428 NAUT M. TO SE CORNER, ESTER

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O.2 PPM	PH	TURBIDITY %
00	0.0	14.40	57.92	33.25	7.80	7.98	-1.00
01	3.28	14.40	57.92	33.25	7.70	7.96	-1.00
02	6.56	14.40	57.92	33.25	7.90	7.97	-1.00
03	9.84	14.40	57.92	33.20	7.90	7.97	-1.00
04	13.12	14.40	57.92	33.35	7.40	7.97	-1.00
05	16.40	14.50	58.10	33.35	7.40	7.97	-1.00
06	19.68	14.50	58.10	33.35	7.40	7.97	-1.00
07	22.96	14.40	57.92	33.40	7.80	7.96	-1.00
08	26.24	14.30	57.74	33.40	7.60	7.94	-1.00
09	29.52	14.30	57.74	33.45	7.60	7.94	-1.00
10	32.80	14.30	57.74	33.45	7.40	7.92	-1.00
11	36.08	14.30	57.74	33.45	7.40	7.90	-1.00
12	39.36	14.20	57.56	33.50	7.30	7.90	-1.00

MISSING DATA VALUE IS -1.00

DATE: APRIL 1974  
 STATION: D6 2.28 NAUT M. TO SE CORNER, ESTER

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O.2 PPM	PH	TURBIDITY %
00	0.0	14.90	58.82	33.30	9.10	-1.00	77.50
01	3.28	15.00	59.00	33.35	9.10	-1.00	81.00
02	6.56	14.70	58.46	33.65	8.50	-1.00	83.50
03	9.84	14.70	58.46	33.65	8.50	-1.00	85.00
04	13.12	14.60	58.28	33.70	8.00	-1.00	86.00
05	16.40	14.60	58.28	33.80	7.70	-1.00	88.00
06	19.68	14.60	58.28	33.75	7.90	-1.00	89.00
07	22.96	14.50	58.10	33.70	7.50	-1.00	87.00
08	26.24	14.50	58.10	33.60	7.40	-1.00	86.50
09	29.52	14.50	58.10	33.65	7.30	-1.00	86.00
10	32.80	14.50	58.10	33.65	7.30	-1.00	86.00
11	36.08	14.40	57.92	33.60	7.20	-1.00	86.00
12	39.36	14.40	57.92	33.90	6.50	-1.00	85.00

DATE: JULY 1974  
 STATION: D6 2.28 NAUT M. TO SE CORNER, ESTER

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O.2 PPM	PH	TURBIDITY %
00	0.0	21.10	69.98	32.70	-1.00	-1.00	87.00
01	3.28	21.10	69.98	32.70	-1.00	-1.00	87.00
02	6.56	21.10	69.98	32.70	-1.00	-1.00	89.00
03	9.84	21.00	69.80	32.60	-1.00	-1.00	88.50
04	13.12	20.60	69.08	32.60	-1.00	-1.00	87.50
05	16.40	20.40	68.72	32.60	-1.00	-1.00	87.00
06	19.68	20.30	68.54	32.70	-1.00	-1.00	87.00
07	22.96	20.70	69.30	32.60	-1.00	-1.00	87.00
08	26.24	20.10	68.18	32.70	-1.00	-1.00	87.00
09	29.52	20.00	68.00	32.70	-1.00	-1.00	88.00
10	32.80	19.90	67.82	32.70	-1.00	-1.00	88.00
11	36.08	19.20	66.56	33.00	-1.00	-1.00	88.00
12	39.36	19.00	66.20	32.00	-1.00	-1.00	87.00

DATE: MAY 1974  
 STATION: D6 2.28 NAUT M. TO SE CORNER, ESTER

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O.2 PPM	PH	TURBIDITY %
00	0.0	18.20	64.76	-1.00	9.90	-1.00	72.50
01	3.28	18.20	64.76	-1.00	10.00	-1.00	73.00
02	6.56	17.60	63.68	-1.00	10.00	-1.00	73.00
03	9.84	16.50	61.70	-1.00	10.90	-1.00	79.20
04	13.12	15.20	59.36	-1.00	10.90	-1.00	82.00
05	16.40	15.70	60.26	-1.00	10.80	-1.00	83.00
06	19.68	15.80	60.44	-1.00	10.90	-1.00	82.50
07	22.96	15.70	60.26	-1.00	10.80	-1.00	82.00
08	26.24	15.70	60.26	-1.00	10.50	-1.00	84.50
09	29.52	15.40	59.72	-1.00	10.30	-1.00	84.00
10	32.80	15.30	59.54	-1.00	10.00	-1.00	84.00
11	36.08	15.20	59.36	-1.00	9.80	-1.00	80.00

DATE: AUGUST 1974  
 STATION: D6 2.28 NAUT M. TO SE CORNER, ESTER

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O.2 PPM	PH	TURBIDITY %
00	0.0	19.10	66.38	32.40	13.20	-1.00	40.00
01	3.28	18.50	65.30	32.30	12.00	-1.00	25.00
02	6.56	18.20	64.76	32.50	10.40	-1.00	43.50
03	9.84	18.00	64.40	32.30	9.00	-1.00	85.00
04	13.12	16.20	61.16	32.60	7.50	-1.00	88.00
05	16.40	15.90	60.62	32.60	7.20	-1.00	86.00
07	22.96	15.70	60.26	32.60	7.20	-1.00	86.00
08	26.24	15.50	59.90	32.00	7.10	-1.00	86.50
09	29.52	14.20	57.56	32.90	6.90	-1.00	89.00
10	32.80	14.00	57.20	32.90	6.70	-1.00	83.00
11	36.08	13.90	56.90	32.90	6.60	-1.00	75.00
12	39.36	13.50	56.30	32.90	6.30	-1.00	57.00

DATE: JUNE 1974  
 STATION: D6 2.28 NAUT M. TO SE CORNER, ESTER

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O.2 PPM	PH	TURBIDITY %
00	0.0	21.00	69.80	27.30	6.30	8.15	77.00
01	3.28	20.40	68.72	27.40	6.50	8.13	83.00
02	6.56	17.70	63.86	28.30	7.70	8.15	94.50
03	9.84	16.50	61.70	28.60	10.10	8.19	96.50
04	13.12	16.40	61.52	28.70	10.50	8.15	97.00
05	16.40	14.10	57.38	29.40	6.60	7.97	95.50
06	19.68	13.80	56.84	29.20	5.90	7.85	93.50
07	22.96	13.50	56.30	29.40	5.00	7.83	93.50
08	26.24	13.30	55.94	29.40	4.50	7.81	91.00
09	29.52	13.10	55.58	29.40	4.10	7.79	89.00
10	32.80	12.90	55.22	29.30	0.00	7.77	83.00

DATE: SEPTEMBER 1974  
 STATION: D6 2.28 NAUT M. TO SE CORNER, ESTER

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY ‰	D.O.2 PPM	PH	TURBIDITY %
00	0.0	19.40	66.92	33.50	9.10	-1.00	96.50
01	3.28	19.40	66.92	33.50	9.10	-1.00	96.50
02	6.56	19.40	66.92	33.50	9.10	-1.00	95.00
03	9.84	19.30	66.74	33.50	9.00	-1.00	94.50
04	13.12	19.30	66.74	33.50	8.90	-1.00	94.00
05	16.40	19.30	66.74	33.50	8.80	-1.00	94.00
06	19.68	19.20	66.56	33.50	8.90	-1.00	97.00
07	22.96	19.20	66.56	33.50	9.00	-1.00	97.00
08	26.24	19.10	66.38	33.50	8.90	-1.00	97.00
09	29.52	19.00	66.20	33.50	8.80	-1.00	98.00
10	32.80	19.00	66.20	33.50	8.90	-1.00	94.00
11	36.08	19.40	66.92	33.50	8.50	-1.00	89.00
12	39.36	17.70	63.86	33.50	6.40	-1.00	81.00

\* Possible probe malfunction

MISSING DATA VALUE IS -1.0

MISSING DATA VALUE IS -1.0

DATE: OCTOBER 1974

STATION: 04 1/28 NAUT M. TO SE CORNER, ESTER

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O.2 PPM	PH	TURBIDITY %
00	0.0	14.90	58.84	33.85	-1.00	8.21	93.50
01	3.28	14.70	58.46	33.85	-1.00	8.21	97.00
02	6.56	14.60	58.64	33.90	-1.00	8.21	97.00
03	9.84	14.70	58.46	33.90	-1.00	8.21	97.50
04	13.12	14.60	58.28	33.90	-1.00	8.20	97.50
05	16.40	14.40	57.92	33.95	-1.00	8.19	99.00
06	19.68	14.10	57.74	33.94	-1.00	8.19	98.00
07	22.96	14.20	57.56	33.95	-1.00	8.18	98.50
08	26.24	14.20	57.56	33.95	-1.00	8.17	98.50
09	29.52	14.20	57.56	33.90	-1.00	8.16	97.00
10	32.80	14.20	57.56	33.90	-1.00	8.16	98.00
11	36.08	14.20	57.56	33.90	-1.00	8.15	93.50
12	39.36	14.10	57.38	33.95	-1.00	8.13	83.00

DATE: DECEMBER 1974

STATION: 08 1/28 NAUT M. TO SE CORNER, ESTER

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O.2 PPM	PH	TURBIDITY %
00	0.0	13.50	56.30	33.60	7.30	8.38	65.00
01	3.28	13.40	56.12	33.70	7.40	8.38	67.00
02	6.56	13.40	56.12	33.70	7.40	8.39	67.00
03	9.84	13.70	56.66	33.80	7.40	8.40	67.50
04	13.12	13.60	56.48	33.80	7.40	8.40	67.50
05	16.40	13.60	56.48	33.70	7.10	8.41	67.50
06	19.68	13.60	56.48	33.70	7.30	8.41	67.50
07	22.96	13.60	56.48	33.70	7.30	8.41	66.50
08	26.24	13.70	56.66	33.70	7.20	8.41	66.00
09	29.52	13.60	56.48	33.70	7.30	8.42	63.00
10	32.80	13.60	56.48	33.70	7.20	8.42	62.00
11	36.08	13.60	56.48	33.70	7.10	8.41	60.00

MISSING DATA VALUE IS -1.0

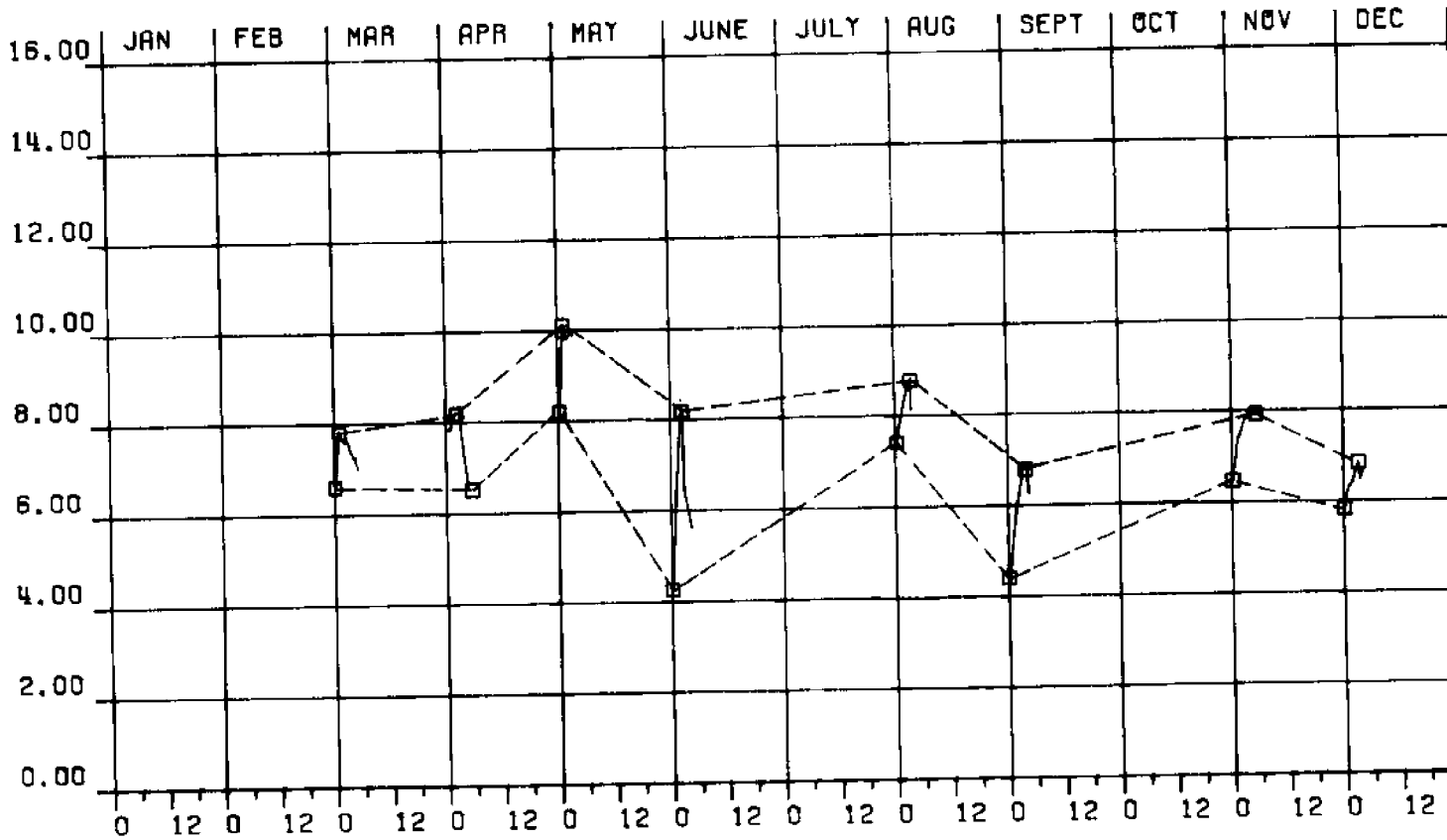
DATE: NOVEMBER 1974

STATION: 0A 1/28 NAUT M. TO SE CORNER, ESTER

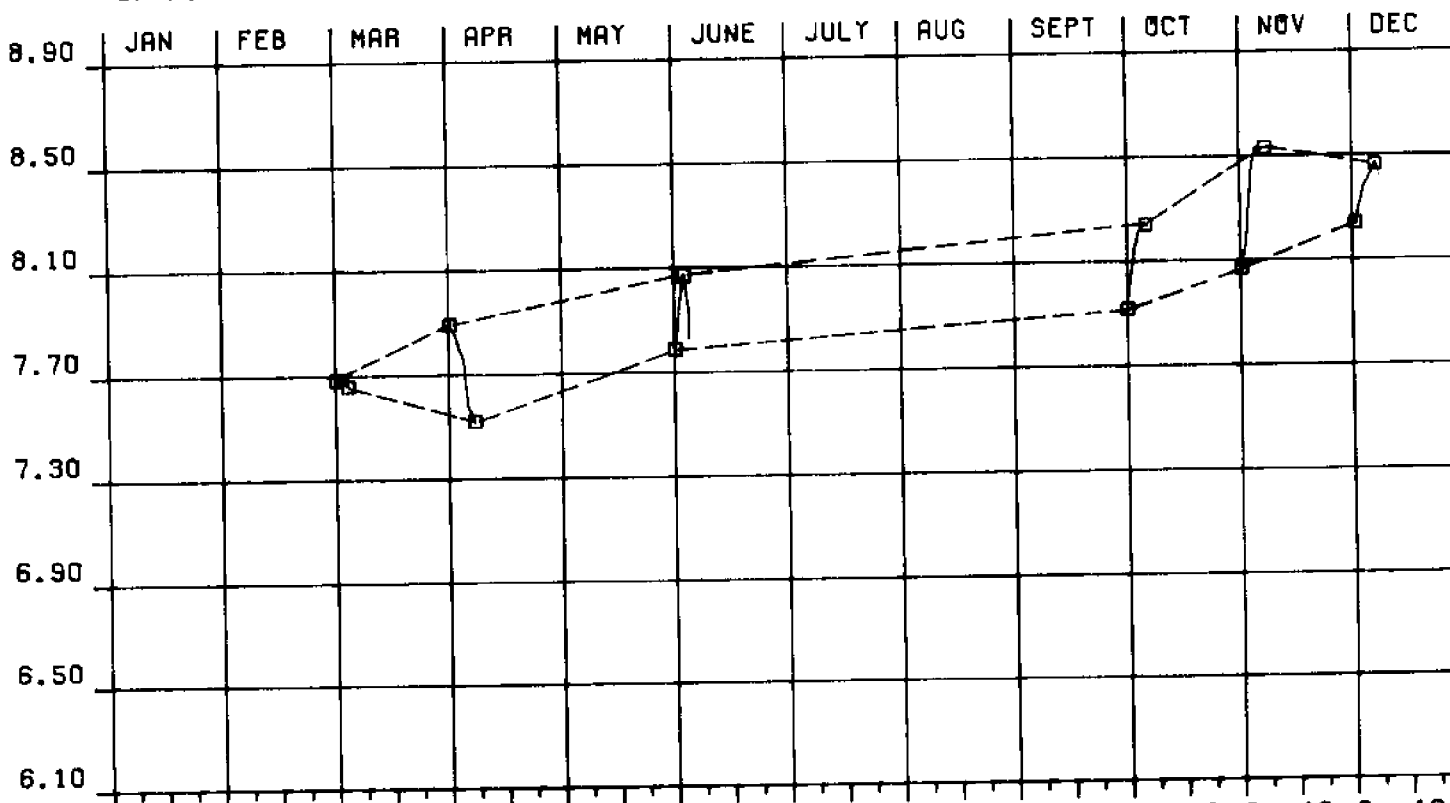
DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY P/1000	D.O.2 PPM	PH	TURBIDITY %
00	0.0	15.00	59.00	33.40	10.00	8.57	-1.00
01	3.28	15.00	59.00	33.60	9.80	8.57	-1.00
02	6.56	15.00	59.00	33.60	9.10	8.52	-1.00
03	9.84	15.00	59.00	33.70	8.90	8.51	-1.00
04	13.12	15.00	59.00	33.70	8.80	8.51	-1.00
05	16.40	14.60	58.28	33.80	8.50	8.50	-1.00
06	19.68	14.70	58.46	33.80	8.40	8.50	-1.00
07	22.96	14.70	58.46	33.80	8.40	8.50	-1.00
08	26.24	14.60	58.28	33.80	8.70	8.52	-1.00
09	29.52	14.50	58.10	33.80	8.40	8.50	-1.00
10	32.80	14.40	57.92	33.80	7.80	8.47	-1.00
11	36.08	14.40	57.92	33.80	7.60	8.46	-1.00
12	39.36	14.40	57.92	33.80	7.40	8.46	-1.00

MISSING DATA VALUE IS -1.0

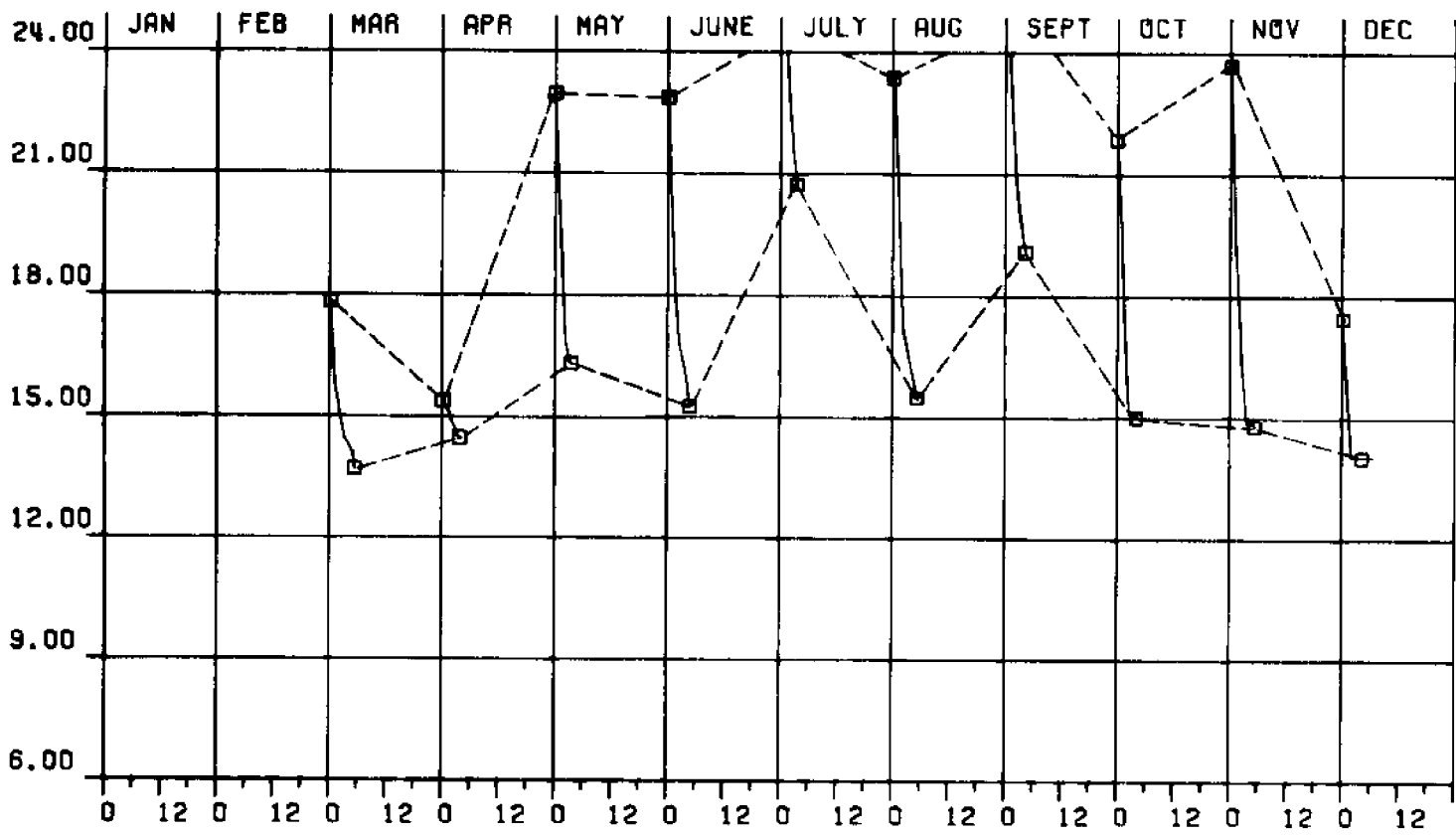
D9 SAN GABRIEL RIVER MOUTH  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. DISSOLVED OXYGEN PPM



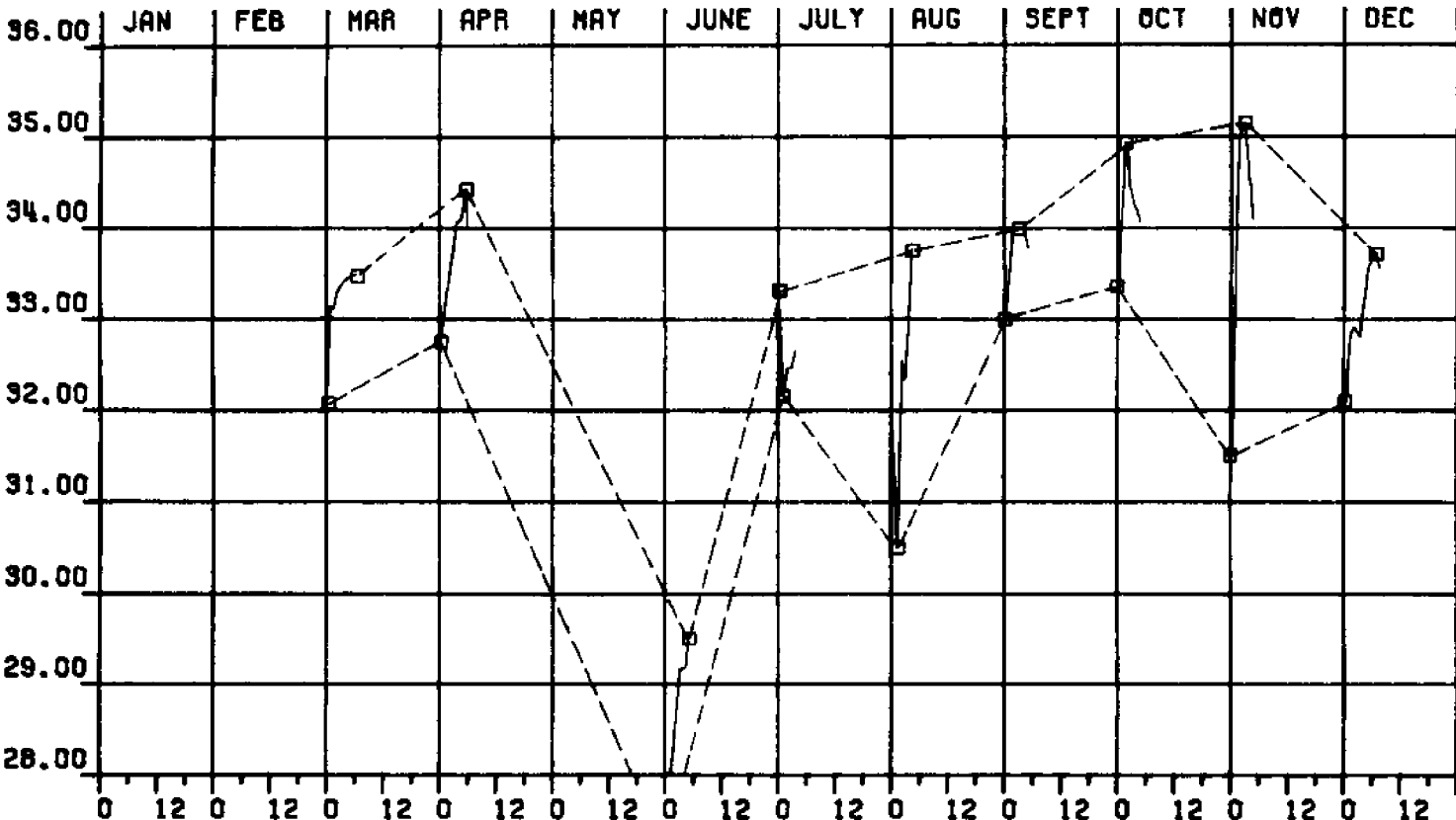
D9 SAN GABRIEL RIVER MOUTH  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. PH H ION CONC



D9 SAN GABRIEL RIVER MOUTH  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. TEMPERATURE CELSIUS



D9 SAN GABRIEL RIVER MOUTH  
 DATE: 1974  
 EACH SUBGRAPH BY MONTH  
 DATA: DEPTH METERS VS. SALINITY PPT



DATE: MARCH 1974  
STATION: D9 SAN GABRIEL RIVER MOUTH

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY 0/00	D.O2 PPM	PH H ION CONC	TURBIDITY %
00	0.0	17.80	64.04	32.15	7.20	7.67	-1.00
01	3.28	15.90	60.62	33.15	7.70	7.69	-1.00
02	6.56	15.10	59.18	33.15	7.60	7.68	-1.00
03	9.84	14.90	58.82	33.35	7.40	7.69	-1.00
04	13.12	14.60	58.28	33.40	7.50	7.69	-1.00
05	16.40	14.30	57.74	33.45	7.30	7.67	-1.00
06	19.68	13.70	56.66	33.45	6.90	7.63	-1.00

DATE: APRIL 1974  
STATION: D9 SAN GABRIEL RIVER MOUTH

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY 0/00	D.O2 PPM	PH H ION CONC	TURBIDITY %
00	0.0	15.50	59.90	32.75	7.70	7.94	59.00
01	3.28	15.40	59.72	33.30	7.70	7.89	67.00
02	6.56	15.30	59.54	34.00	7.90	7.86	67.50
03	9.84	14.90	58.82	34.15	8.30	7.82	77.00
04	13.12	14.80	58.64	34.15	8.30	7.78	79.50
05	16.40	14.50	58.10	34.40	6.50	7.57	59.00
06	19.68	14.50	58.10	34.00	6.50	7.55	-1.00

DATE: MAY 1974  
STATION: D9 SAN GABRIEL RIVER MOUTH

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY 0/00	D.O2 PPM	PH H ION CONC	TURBIDITY %
00	0.0	23.00	73.40	-1.00	8.40	-1.00	68.00
01	3.28	19.20	66.56	-1.00	10.20	-1.00	56.00
02	6.56	16.90	62.42	-1.00	9.80	-1.00	74.00
03	9.84	16.50	61.70	-1.00	10.00	-1.00	78.00
04	13.12	16.40	61.52	-1.00	9.90	-1.00	63.50
05	16.40	-1.00	32.00	-1.00	-1.00	-1.00	56.00

DATE: JUNE 1974  
STATION: D9 SAN GABRIEL RIVER MOUTH

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY 0/00	D.O2 PPM	PH H ION CONC	TURBIDITY %
00	0.0	22.90	73.22	27.10	4.20	7.77	68.00
01	3.28	20.20	68.36	28.30	6.40	7.90	64.50
02	6.56	16.90	62.42	29.20	8.20	8.02	62.00
03	9.84	16.30	61.34	29.20	6.80	7.91	71.00
04	13.12	15.30	59.54	29.50	4.70	7.82	49.00

DATE: JULY 1974  
STATION: D9 SAN GABRIEL RIVER MOUTH

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY 0/00	D.O2 PPM	PH H ION CONC	TURBIDITY %
00	0.0	26.30	79.34	33.30	-1.00	-1.00	57.00
01	3.28	25.00	77.00	32.20	-1.00	-1.00	56.50
02	6.56	22.40	72.32	32.60	+1.00	-1.00	64.50
03	9.84	20.90	69.62	32.60	-1.00	-1.00	79.00
04	13.12	20.80	69.44	32.70	-2.00	-1.00	75.00

DATE: AUGUST 1974  
STATION: D9 SAN GABRIEL RIVER MOUTH

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY 0/00	D.O2 PPM	PH H ION CONC	TURBIDITY %
00	0.0	23.10	73.58	31.80	7.40	-1.00	59.00
01	3.28	21.20	70.16	30.50	8.00	-1.00	70.00
02	6.56	17.10	62.78	32.60	8.60	-1.00	78.00
03	9.84	16.40	61.52	32.40	8.90	-1.00	89.00
04	13.12	15.50	59.90	33.70	8.10	-1.00	75.00

DATE: SEPTEMBER 1974  
STATION: D9 SAN GABRIEL RIVER MOUTH

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY 0/00	D.O2 PPM	PH H ION CONC	TURBIDITY %
00	0.0	27.20	80.96	33.00	4.40	-1.00	66.00
01	3.28	21.00	69.80	34.00	5.80	-1.00	70.50
02	6.56	19.80	67.64	34.00	6.80	-1.00	78.50
03	9.84	19.60	67.28	34.00	6.80	-1.00	77.00
04	13.12	19.50	67.10	33.70	6.20	-1.00	73.00

DATE: OCTOBER 1974  
STATION: D9 SAN GABRIEL RIVER MOUTH

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY 0/00	D.O2 PPM	PH H ION CONC	TURBIDITY %
00	0.0	22.00	71.60	33.40	-1.00	7.97	66.50
01	3.28	15.80	60.44	34.90	-1.00	8.18	70.50
02	6.56	15.10	59.18	34.50	-1.00	8.21	84.00
03	9.84	15.10	59.18	34.30	-1.00	8.23	86.00
04	13.12	15.00	59.00	34.05	-1.00	8.23	85.00

DATE: NOVEMBER 1974  
STATION: D9 SAN GABRIEL RIVER MOUTH

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY 0/00	D.O2 PPM	PH H ION CONC	TURBIDITY %
00	0.0	23.40	74.12	31.60	6.40	8.05	-1.00
01	3.28	18.70	65.66	34.70	7.40	8.22	-1.00
02	6.56	16.50	61.70	35.20	7.80	8.59	-1.00
03	9.84	14.90	58.82	35.00	7.80	8.58	-1.00
04	13.12	14.90	58.82	34.50	7.90	8.58	-1.00
05	16.40	14.80	58.64	34.10	7.90	8.58	-1.00

DATE: DECEMBER 1974  
STATION: D9 SAN GABRIEL RIVER MOUTH

DEPTH METERS	DEPTH FEET	TEMPERATURE C	TEMPERATURE F	SALINITY 0/00	D.O2 PPM	PH H ION CONC	TURBIDITY %
00	0.0	17.40	63.32	32.10	5.90	8.26	49.00
01	3.28	16.10	60.98	32.80	6.20	8.24	50.00
02	6.56	13.80	56.84	32.90	6.30	8.37	58.00
03	9.84	13.70	56.66	32.80	6.40	8.39	60.00
04	13.12	13.70	56.66	33.60	7.00	8.42	59.00
05	16.40	13.70	56.66	33.70	6.70	8.46	58.00
06	19.68	13.70	56.66	33.60	6.80	8.44	58.00



