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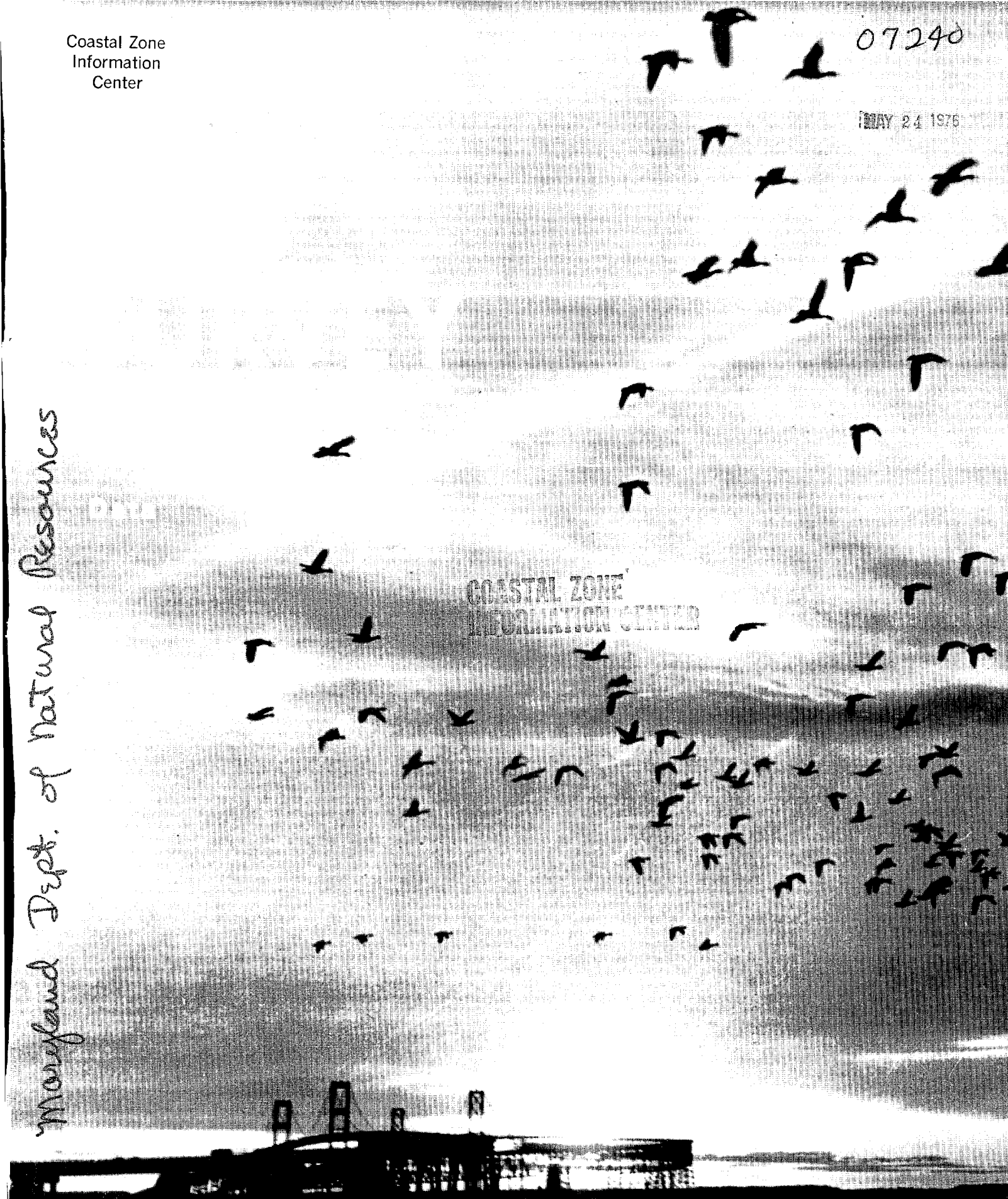

WESTINGHOUSE ELECTRIC CORPORATION Oceanic Division Annapolis, Maryland

# UPPER BAY SURVEY

Final Report to the
Maryland Department of Natural Resources
Annapolis, Maryland 21401

VOLUME III

Automated Data Processing Operations
and Supplementary Data

November 30, 1975

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QH92.5.C47 M47 1975 v.3
3479029
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## PREFACE

The Upper Bay Survey's prime purpose was to provide information and data to support responsible public officials in the decisions they must make and to assist them in managing Maryland's natural resources in the Chesapeake Bay. Particularly, the project was intended to relate the general sources, distribution and concentrations of pesticides, polychlorinated biphenyls, and bacteria. Some insight into the uptake and toxicity in shellfish for these pollutants was also attempted.

To expedite the fulfillment of this purpose and to provide for effective control of the data for the project's own scientists, a task was defined for the management of automated data operations. The objectives of this task included (1) planning, designing, and operating the data system; (2) coordinating and conducting the collection and assembly of data for the computers; (3) providing for storage and rapid retrieval of data for study participants; and (4) providing computer correlation analysis to the best practicable extent.

In pursuing the data operations task, the particular data management system was chosen after thorough and careful study, because it optimizes data retrieval and updating by the user at the lowest cost. It was designed and developed into the Upper Bay Survey Data Base which served the project's immediate needs well. Although it was designed with the project's prime purpose in mind — to support public officials in their decision-making and natural resource management — the data base is effective only if it is updated as new (or historic) additional data is accumulated. It then represents an empirical measure of degradation or improvement of the parameters critical to the management of the quality of the resource.

Moreover, the data base has excellent capabilities for expansion and adaptation to a wide scope of other data categories relating to natural resources. Serious consideration is being given to analogous applications to all natural resource management throughout the State of Maryland. Of the candidate systems for data management, the Upper Bay Survey Data Base is the only one reduced to operational reality. Electronic data processing for data storage (vs data management) is already developed and applied comprehensively by the State for many purposes. Thus, the State has made a significant investment in a very promising and useful instrument. Its continued development in the hands of its users is the next major challenge.

— — A. R. Barskis

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# 1. THE SYSTEM DESCRIPTION

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Westinghouse Electric Corporation

## 1.1 Introduction

This report presents the Upper Bay Survey Data Base Management System, the contents and structure of the data base, and instructions for using the system. It supplements the final report of the Upper Bay Survey which contains the specific interpretation of findings and the detailed description of the study itself.

The Upper Bay Survey is a scientific, interdisciplinary approach to determining the levels, pathways, and effects of chlorinated hydrocarbon pesticides and polychlorinated byphenyl contaminants in the Chesapeake Bay. This survey was conducted jointly by the Westinghouse Oceanic Division, Westinghouse Ocean Research Laboratory, the University of Maryland, and The Johns Hopkins University. The investigation encompassed hydrography, meteorology, marine geology, biochemistry, microbiology, and marine biology.

The interrelation of the several disciplines and the great number of data parameters to be coordinated, stored, and analyzed necessitated a centralized data base and a special multi-purpose data management system.

The Upper Bay Survey Data Base (UBSDB) provides the capability of storing, retrieving, and analyzing environmental data collected by the different disciplines. This data base utilizes as its core a multi-purpose data management system known as SYSTEM-2000®. One of the basic considerations in selecting this data management system was to facilitate the retrieval and analysis of diversified data by a number of principal investigators and scientists who have had little or no previous computer experience.

Section 1.2 discusses the purpose and intended use of the data base. Section 1.3 describes briefly the background and trends of data base management systems development and applications, and Section 1.4 explains the rationale for selecting the system. Section 1.5 describes the data base structure, content of data, and basic functions of the system. Chapter 2 gives detailed instructions for users who desire to obtain access to the system, analyze the data, and retrieve desired information. Chapter 3 draws conclusions and makes recommendations, and Chapter 4 is the data summary.

## 1.2 Purpose

It was recognized in the initial planning of the Upper Bay Survey that the intended use, quantity, and diversity of data from the different disciplines would require a special data processing system. It was important that this system fulfill a number of broad, as well as specific, objectives and requirements.

The basic objectives of the Upper Bay Survey Data Base were:

- To establish a permanent multi-user information data bank to which access could be had directly by scientists without assistance of programmers or computer-trained personnel.
- To have a flexible updating and expansion capability.
- To provide prompt, easy retrieval of any specific information item and to generate data summary reports and separate data files easily.

- To provide the scientists with the capabilities for direct data manipulation, comparisons, and statistical analyses. Specifically, the analyses were to include: (1) retrieval of the minimum, maximum, total and average values, (2) calculation of standard deviation, and (3) correlation analysis.
- To satisfy both the standard, predictable information needs and the unpredictable ad hoc information requests from various users.
- To be operational as soon as data became available. It should serve the principal investigators in analyzing or comparing the current findings, in determining future data collection requirements, and in helping to formulate subsequent experiments.
- To be independent of any one computer model or specific operating system. In other words, the system should not become obsolete or require major revisions as the computer technology changes.

## 1.3 Background

Progress in developing communications equipment and computer capabilities has been very rapid, the most significant recent change has been in the category of applications of data bases, and of data management systems. Such terms as *data base, data bank, data management,* and *information systems* have been widely used; however, in most cases the data were intimately associated with a formatted record master file, specific applications programs, and the particular computer model on which the programs were executed.

Such a fragmented approach was common to all previous information systems, having its origin in a need for information about a particular topic or activity. The usual sequence began with designing, testing, and debugging a data file program. Then data was collected, and the data master file was created. A procedure and program was designed to update this file. Other programs were designed, flowcharted, tested, debugged, and operated to retrieve information from that file. In most cases, demand, system analysis, programming, and testing were required for each new information, although the same information had only to be rearranged in a different sequence or report format. Often, the original requirements changed or even disappeared altogether by the time the information was produced.

Merely managing and maintaining a number of complex, fragmented programs is in itself a burdensome and costly task, in addition to the original cost and time of developing such a system.

Generalized data base management systems have been developed to meet the increasing and ever-changing information requirements of today. With these systems, information applications can be designed, installed, and operating in days rather than months. They are flexible when fully programmed, responding quickly to changing information requirements and providing a variety of data manipulation and formatting techniques. Unusual or unique information needs may be satisfied immediately through operations performed by non-programming personnel. The more advanced systems can function either in on-line interactive or batch environments.

Use of the computer system via a telephone-coupled small data terminal provides information immediately to a number of users regardless of their location. The batch operation feature which also can be conducted remotely via appropriate data terminals, is used primarily for voluminous data (usually from punched cards or magnetic tapes) and for generating lengthy reports.

The popularity of on-line processing has increased greatly in the last few years. Computer time sharing services proved to be practical and economical. Renting a large computer network only when needed has eliminated the tremendous overhead cost of maintaining the equivalent computer in-house. The computer leasing firms provide a number of programs for user's selection, including data management systems. By employing a time-sharing service, the user pays only for a data terminal and the computer time actually used to process his work. The system programs can be purchased for use on in-house computer systems if justified or found necessary for any reason.

## 1.4 Selecting The System

Westinghouse chose SYSTEM-2000® for the Upper Bay Study Data Base for the following reasons:

- SYSTEM-2000® is a general purpose data base management system developed and marketed by MRI Systems Corporation, Austin, Texas. Operating on IBM 360 and 370 series, UNIVAC 1100 series, and CDC CYBERNET 6000 and 7000 series computers, it is the most widely used data management system of this type. It is particularly effective in applications in which the number of parameters is very large, as in environmental records.
- SYSTEM-2000® provides the user with a comprehensive set of data base management capabilities. The English-like language and the easily understood diagnostic messages make the system highly suited for use by persons not trained in programming. The system includes the abilities to define and add new data bases, to modify the definitions of existing data bases, and to retrieve and update values in the data base. Values for each element and data entry set may vary in length, allowing the user to specify the key data elements in the data base and the hierarchical relationship of data elements.
- The immediate access feature provides a user-oriented language with which a non-programmer may express his requests for retrieving and updating a data base. The easily learned English-like language includes a complete set of understandable diagnostic messages and is highly suited for interactive use from remote keyboard terminals.
- SYSTEM-2000® provides a wide range of features to insure data base integrity. Complete audit activity is available, also the system provides several levels of security to safeguard against the user accidentally entering or changing the data.
- Major programming changes are not required when SYSTEM-2000® accommodates new user applications, when the size of the data base is increased, or when the application is tailored to the changing needs of the user.
- The system provides COBOL, FORTRAN, PL/1, or assembly language interfaces. The procedural language interface provides users with the capability of extracting data from one data base, retaining that data, and combining it procedurally with data from a second data base. Thus, data from several data bases may be merged and manipulated and the results may be returned to the appropriate data bases.
- SYSTEM-2000®, ranked among the best, is increasing in popularity. Many industrial and government organizations (e.g., Environmental Protection Agency and the Corps of Engineers) are beginning to use this system.
- The Control Data CYBERNET network, which is used by the Upper Bay Survey Data Base through time-sharing, provides services for thousands of customers throughout the country. It is advertised as the world's most powerful computer network and the CYBERNET service provides an extensive library of programs for the users' selection. It allows users to unload their data or system onto magnetic tapes, to store these tapes in the center at a minimal cost, and to reload their entire system in minutes upon request.

## 1.5 Data Base Description

### 1.5.1 Structure and Content

The Upper Bay Survey Data Base (UBSDB) consists of several groups of information. Figure 1 depicts the structure and the types of information available in the data base. The Project Description, Index of Codes, and Users' Instructions groups in this illustration contain information about the project and the system itself. The other groups contain the actual data of the respective disciplines.

Each distinct information component or data parameter in a group is assigned a unique number. The information component numbers are in reality the keys to the information stored in the data base. For example, Table 1-1 shows the information component numbers assigned for project description and what each information component number in this group represents.

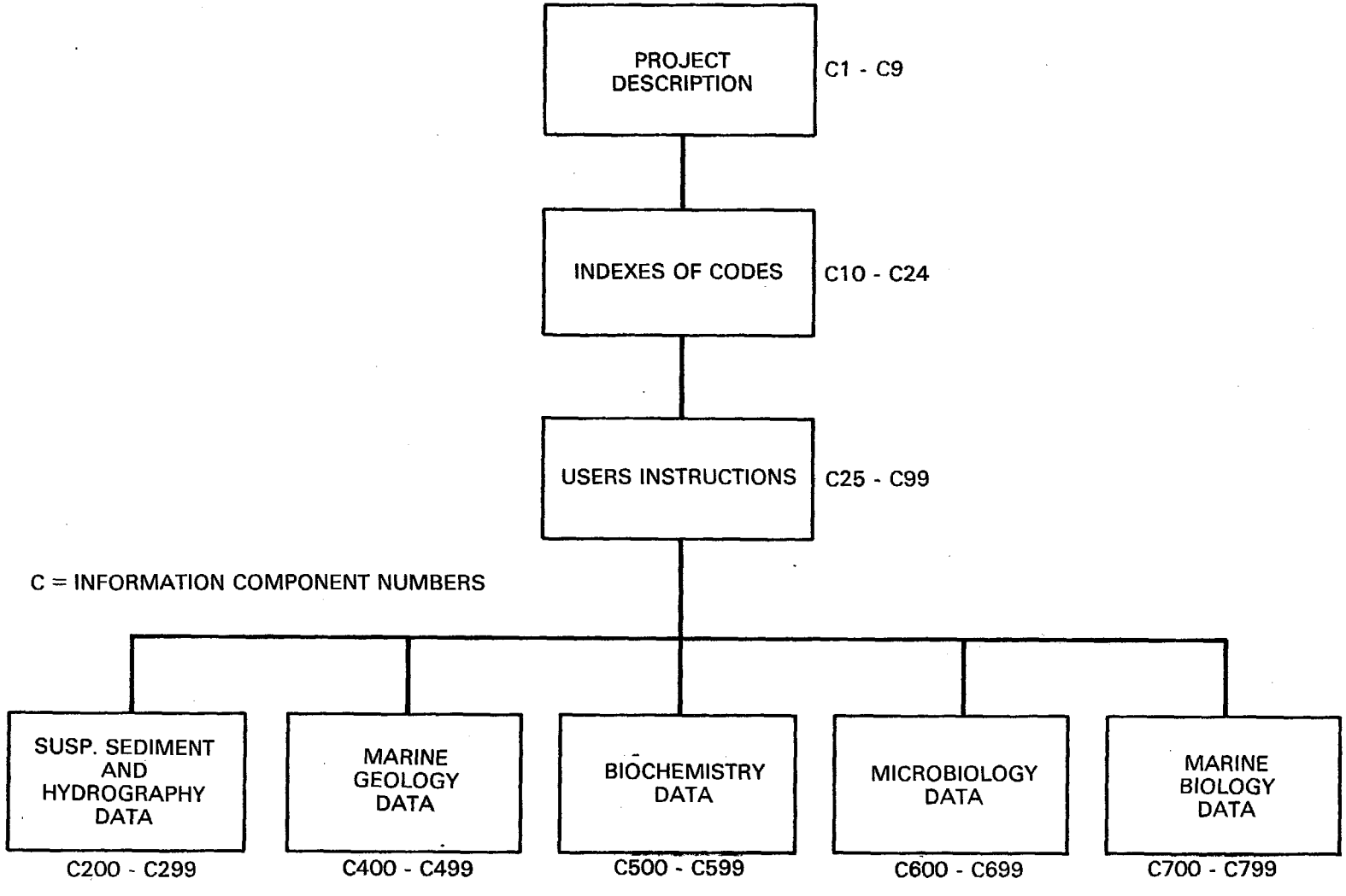


*Figure 1. Upper Bay Survey Data Base Structure*

Tables 1-1 through 1-8 show the component numbers and names of each group in the data base. These exhibits, which together constitute the data base definition and index of the entire UBSBD System, will be referenced extensively throughout this report. Section 2.2.1, particularly Table 2-5, gives detailed instructions for interpreting other information about each information component of a data parameter.

### 1.5.2 Data Samples

The quantity of data entered into the data base by each discipline varies considerably, because each discipline requires different types of samples, different instruments, and varying amounts of time and effort to analyze the samples.

Figure 1 and Tables 1-1 through 1-8 identify the specific data parameters recorded under each discipline for each sample. For example, if 1,000 samples were collected and analyzed under the Suspended Sediment/Hydrography discipline, there would be 1,000 sets of data parameters ranging from information component No. 202 through No. 228 (Table 1-4) entered into the data base. The actual number of samples entered into the data base by each discipline to date are:

| DISCIPLINE | NO. OF SAMPLES |
|---|---|
| Suspended Sediments/Hydrography | 1010 |
| Marine Geology | 184 |
| Biochemistry | 317 |
| Microbiology | 102 |
| Marine Biology | 95 |

Detailed descriptions of the types of samples, the sampling techniques, the measurement procedures, the analytical methods, and the calculations conducted to obtain specific data parameter values are presented by discipline in Volume II of this report. Most of the field samples and measurements were taken at 25 preassigned major sampling stations. Figure 2 shows the locations and identification codes and Table 1-9 presents a more detailed description of the stations.

Each sample taken at a major sampling station is identified by the following information:

- Type of Sample (if more than one type taken)
- Station Code
- Date (month, day, and year)
- Time of Day (24-hour clock)
- Depth (meters)

In the Suspended/Hydrography discipline each major sampling station is further identified in terms of:

- Station Latitude (degrees, minutes, seconds)
- Station Longitude (degrees, minutes, seconds)
- Department of Natural Resources Station Code
- Maryland Grid Code, East
- Maryland Grid Code, North

When the samples have been identified with these information parameters, data for direct retrieval and analysis can be specified in terms of one or any combination of these parameters. In other words, data can be analyzed in terms of time, geographic location, and depth (i.e., t, x, y, and z dimensions).

TABLE 1-1. INFORMATION PARAMETERS COMPRISING PROJECT DESCRIPTION

```
1*  PROJECT CODE (NAME X(5))
2*  PROJECT TITLE (NON-KEY TEXT X(30))
3*  PROJECT DESCRIPTION (NON-KEY TEXT X(250))
4*  PROJECT MANAGER (NON-KEY TEXT X(30))
```

TABLE 1-2. INDEX OF CODES USED IN THE DATA BASE

```
10*  INDEX A (RG)
  11*  VESSEL CODES (NON-KEY NAME X(80) IN 10)
12*  INDEX B (RG)
  13*  STATION CODES (NON-KEY NAME X(80) IN 12)
14*  INDEX C (RG)
  15*  DISCIPLINE CODES (NON-KEY NAME X(80) IN 14)
16*  INDEX D (RG)
  17*  UNITS OF MEASURE (NON-KEY NAME X(80) IN 16)
18*  INDEX E (RG)
  19*  WEATHER CONDITION CODES (NON-KEY NAME X(80) IN 18)
20*  INDEX F (RG)
  21*  SURFACE CONDITION CODES (NON-KEY NAME X(80) IN 20)
```

TABLE 1-3. USERS INSTRUCTIONS

```
25*  INSTRUCTION 1 (RG)
  26*  INSTRUCTIONS TO ACCESS DATA BASE (NON-KEY TEXT X(72) IN 25)
27*  INSTRUCTION 2 (RG)
  28*  INSTRUCTIONS TO USE DATA BASE (NON-KEY TEXT X(72) IN 27)
29*  INSTRUCTION 3 (RG)
  30*  MORE INSTRUCTIONS (NON-KEY TEXT X(72) IN 29)
31*  INDEX G (RG)
  32*  AUTOMATIC REPORTS (NON-KEY TEXT X(72) IN 31)
```

TABLE 1-4. SUSPENDED SEDIMENT AND HYDROGRAPHY DATA PARAMETERS

```
200*  SUS SED/HYDROGRAPHY DATA (RG)
  202*  2 STATION CODE (NAME XXX IN 200)
  203*  2 DATE OF SAMPLE (DATE IN 200)
  204*  2 TIME OF SAMPLE (INTEGER NUMBER 9999 IN 200)
  205*  2 WIND DIRECT DEGR (NON-KEY INTEGER NUMBER 999 IN 200)
  206*  2 WIND SPEED KNTS (NON-KEY INTEGER NUMBER 999 IN 200)
  207*  2 WEATHER CODE (NON-KEY INTEGER NUMBER 9 IN 200)
  208*  2 AIR TEMP DRY-B C (NON-KEY DECIMAL NUMBER 99.9 IN 200)
  209*  2 AIR TEMP WET-B C (NON-KEY DECIMAL NUMBER 99.9 IN 200)
  210*  2 DEPTH OF SAMPLE MET (DECIMAL NUMBER 99.9 IN 200)
  211*  2 WATER TEMP CENT (DECIMAL NUMBER 99.99 IN 200)
  212*  2 WATER CONDUCTV (DECIMAL NUMBER 99.999 IN 200)
  213*  2 WATER PH (DECIMAL NUMBER 999.99 IN 200)
  214*  2 WATER OXYGEN ML/L (DECIMAL NUMBER 99.99 IN 200)
  215*  2 WATER TURBIDITY (INTEGER NUMBER 999 IN 200)
  216*  2 WATER CHLORINITY R/1000 (DECIMAL NUMBER 99.99 IN 200)
  217*  2 WATER SALINITY P/1000 (DECIMAL NUMBER 99.99 IN 200)
  218*  2 H2O SIGMA T (NON-KEY DECIMAL NUMBER 99.99 IN 200)
  219*  2 TOTAL S SED MG/L (DECIMAL NUMBER 999.99 IN 200)
  220*  2 SUS SED 0/0 ORGANIC (DECIMAL NUMBER 99.9 IN 200)
  221*  2 VESSEL CODE (NON-KEY INTEGER NUMBER 99 IN 200)
  222*  2 STATION LAT (INTEGER NUMBER 9(7) IN 200)
  223*  2 STATION LONG (INTEGER NUMBER 9(7) IN 200)
  224*  2 DNR STATION CODE (NAME X(7) IN 200)
  225*  2 MD GRID E (NAME X(5) IN 200)
  226*  2 MD GRID N (NAME XXXX IN 200)
  227*  2 STATION DEPTH MET (NON-KEY DECIMAL NUMBER 999.9 IN 200)
```

**TABLE 1-5. MARINE GEOLOGY DATA PARAMETERS**

```
400*  MARINE GEOLOGY DATA (RG)
  402*  4 STATION CODE (NAME XXXX IN 400)
  403*  4 DATE (DATE IN 400)
  404*  4 TIME (INTEGER NUMBER 9999 IN 400)
  405*  4 MEDIAN GRAIN SIZE/PHI (DECIMAL NUMBER 99.99 IN 400)
  406*  4 MODE GRAIN SIZE/PHI (DECIMAL NUMBER 99.99 IN 400)
  407*  4 PERCENT SAND (DECIMAL NUMBER 99.99 IN 400)
  408*  4 PERCENT CLAY / SILT (DECIMAL NUMBER 99.99 IN 400)
  409*  4 INMAN MEAN (NON-KEY DECIMAL NUMBER 99.99 IN 400)
  410*  4 INMAN SIGMA (NON-KEY DECIMAL NUMBER 99.99 IN 400)
  411*  4 INMAN SKEWNESS 1 (NON-KEY DECIMAL NUMBER 999.99 IN 400)
  412*  4 INMAN SKEWNESS 2 (NON-KEY DECIMAL NUMBER 999.99 IN 400)
  413*  4 INMAN KURTOSIS (NON-KEY DECIMAL NUMBER 99.99 IN 400)
  414*  4 LATITUDE (INTEGER NUMBER 9(7) IN 400)
  415*  4 LONGITUDE (INTEGER NUMBER 9(7) IN 400)
  416*  4 SUS SED SAMPL DEPTH M (DECIMAL NUMBER 99.9 IN 400)
  417*  4 SUS SED MEAN MICR (DECIMAL NUMBER 99.999 IN 400)
  418*  4 SUS SED SIGMA MICR (NON-KEY DECIMAL NUMBER 99.999 IN 400)
  419*  4 SUS SED MODE CLASS MICR (NON-KEY INTEGER NUMBER 99 IN 400)
  420*  4 SUS SED MODE CLASS DIAM MICR (NON-KEY DECIMAL NUMBER 99.9 I
        N 400)
  421*  4 SUS SED COARSE MIDPT MICR (NON-KEY DECIMAL NUMBER 99.9999 I
        N 400)
  422*  4 SUS SED PERCT ORGNC (NON-KEY DECIMAL NUMBER 99.9 IN 400)
```

**TABLE 1-6. BIOCHEMISTRY DATA PARAMETERS**

```
500*  BIOCHEMISTRY DATA (RG)
  501*  5 SPECIAL CODE (NAME X(5) IN 500)
  502*  5 STATION CODE (NAME XXX IN 500)
  503*  5 DATE (DATE IN 500)
  504*  5 TIME (INTEGER NUMBER 9999 IN 500)
  505*  5 DEPTH OF SAMPLE MTRS (DECIMAL NUMBER 99.9 IN 500)
  506*  5 TYPE OF SAMPLE (NAME X(13) IN 500)
  507*  5 SAMPLE NO. (NON-KEY NAME XXX IN 500)
  508*  5 TOTAL PCB (DECIMAL NUMBER 999.9999 IN 500)
  509*  5 1242 AROCLOR (NON-KEY DECIMAL NUMBER 999.9999 IN 500)
  510*  5 1248 AROCLOR (NON-KEY DECIMAL NUMBER 999.9999 IN 500)
  511*  5 1254 AROCLOR (NON-KEY DECIMAL NUMBER 999.9999 IN 500)
  512*  5 1262 AROCLOR (NON-KEY DECIMAL NUMBER 999.9999 IN 500)
  513*  5 TECHNICAL CLORDANE (DECIMAL NUMBER 999.9999 IN 500)
  514*  5 ALPHA CHLORDANE (NON-KEY DECIMAL NUMBER 999.9999 IN 500)
  515*  5 GAMMA CHLORDANE (NON-KEY DECIMAL NUMBER 999.9999 IN 500)
  516*  5 TOTAL DDT (DECIMAL NUMBER 999.9999 IN 500)
  517*  5 DDE (NON-KEY DECIMAL NUMBER 999.9999 IN 500)
  518*  5 DDD (NON-KEY DECIMAL NUMBER 999.9999 IN 500)
  519*  5 DDT (NON-KEY DECIMAL NUMBER 999.9999 IN 500)
  520*  5 SUS SED MG/L (DECIMAL NUMBER 999.99 IN 500)
```

TABLE 1-7. MICROBIOLOGY DATA PARAMETERS

```
600*  MICROBIOLOGY DATA(RG):
 602*6 STATION CODE(    KEY NAME X(3) IN 600):
 603*6 DATE(    KEY DATE IN 600):
 604*6 TIME(    KEY INTEGER 9(4) IN 600):
 605*6 TYPE OF SAMPLE(    KEY NAME X(10) IN 600):
 606*6 WATER TEMP SURF 2M C (NON-KEY DEC 99.99 IN 600):
 607*6 WATER TEMP BOTM 2M C (NON-KEY DEC 99.99 IN 600):
 608*6 DISLV OXYG SURF P/M (NON-KEY DEC 99.99 IN 600):
 609*6 DISLV OXYG BOTM P/M (NON-KEY DEC 99.99 IN 600):
 610*6 PH SURF UNITS (NON-KEY DEC 99.99 IN 600):
 611*6 PH BOTM UNITS (NON-KEY DEC 99.99 IN 600):
 612*6 SALINITY SURF (    KEY DEC 99.99 IN 600):
 613*6 SALINITY BOTM (    KEY DEC 999.99 IN 600):
 614*6 REACTV PHOSPHRS MCG.A/L(NON-KEY DEC 9(7).9(4) IN 600):
 615*6 REACTV NITRATE MCG.A/L(NON-KEY DEC 9(6).9(4) IN 600):
 616*6 AMMONIA MCG.A/L(NON-KEY DEC 9(6).9(4) IN 600):
 617*6 ORG CARBON H2O MG.A/L(NON-KEY DEC 9(6).9(4) IN 600):
 618*6 ORG NITROGEN MCG.A/L(NON-KEY DEC 9(6).9(4) IN 600):
 619*6 HUMIC ACID P/M(NON-KEY DEC 9(7).9(4) IN 600):
 620*6 TOTAL VIABLE CNT.CFU/ML(DEC 9(10).9(2) IN 600):
 621*6 TOTAL COLIFORMS MPN/100ML(DEC 9(7).9(2) IN 600):
 622*6 FAECAL COLIFORMS MPN/100ML(DEC 9(7).9(2) IN 600:
 623*6 FAECAL STRPTCOCS MPN/100ML(DEC 9(7).9(2) IN 600):
 625*6 TOTAL COLIFMS/MILL.TVC N/M(DEC 9(7).9(2) IN 600):
 626*6 FAECAL COLFMS/MILL.TVC N/M(DEC 9(7).9(2) IN 600):
 627*6 FAECAL STPTCS/MILL.TVC N/M(DEC 9(7).9(2) IN 600):
 628*6 SECCHI DISC METERS(    KEY DECIMAL 9(2).9(2) IN 600):
 629*6 COMMENTS OF SAMPLE(NON-KEY TEXT X(25) IN 600):
```

TABLE 1-8. MARINE BIOLOGY DATA PARAMETERS

```
700*  MARINE BIOLOGY DATA (RG)
  701*  7 SAMPLE TYPE (NAME X(10) IN 700)
  702*  7 STATION CODE (NAME XXX IN 700)
  703*  7 SAMPLE NUMBER (INTEGER NUMBER 9999 IN 700)
  704*  7 SAMPLING METHOD (NON-KEY NAME XXX IN 700)
  705*  7 DATE (DATE IN 700)
  706*  7 TIME (INTEGER NUMBER 9999 IN 700)
  707*  7 SURF TEMP C (NON-KEY DECIMAL NUMBER 99.9 IN 700)
  708*  7 SURF SAL PPT (NON-KEY DECIMAL NUMBER 99.9 IN 700)
  709*  7 SURF D OXG MG L (NON-KEY DECIMAL NUMBER 99.9 IN 700)
  710*  7 SURF PH (NON-KEY DECIMAL NUMBER 99.9 IN 700)
  711*  7 DEPTH RANGE (NON-KEY TEXT X(6) IN 700)
  713*  7 BIOMS DISPL VOL ML/M3 (DECIMAL NUMBER 999.99 IN 700)
  714*  7 BIOMS WET WEIGHT MG/M3 (DECIMAL NUMBER 999.99 IN 700)
  715*  7 BIOMS DRY WEIGHT MG/M3 (DECIMAL NUMBER 99.999 IN 700)
  716*  7 BIOMS ASH WEIGHT MG/M3 (DECIMAL NUMBER 99.999 IN 700)
  717*  7 A-FREE D.W MG/M3 (NON-KEY DECIMAL NUMBER 99.999 IN 700)
  718*  7 TOTAL LIPID MG M3 (DECIMAL NUMBER 99.999 IN 700)
  719*  7 CHL A UGL (NON-KEY NAME X(5) IN 700)
  725*  TAXONOMY DATA (RG IN 700)
    726*  7 ORGANIZM TYPE (NAME X(15) IN 725)
    727*  7 GENUS SPECIES (NON-KEY NAME X(20) IN 725)
    728*  7 POPULATION NO. (NON-KEY DECIMAL NUMBER 9(5).99 IN 725)
    729*  7 RELT PERCT COMP (DECIMAL NUMBER 99.99 IN 725)
    730*  7 SEQ NUMBER (INTEGER NUMBER 99 IN 725)
```

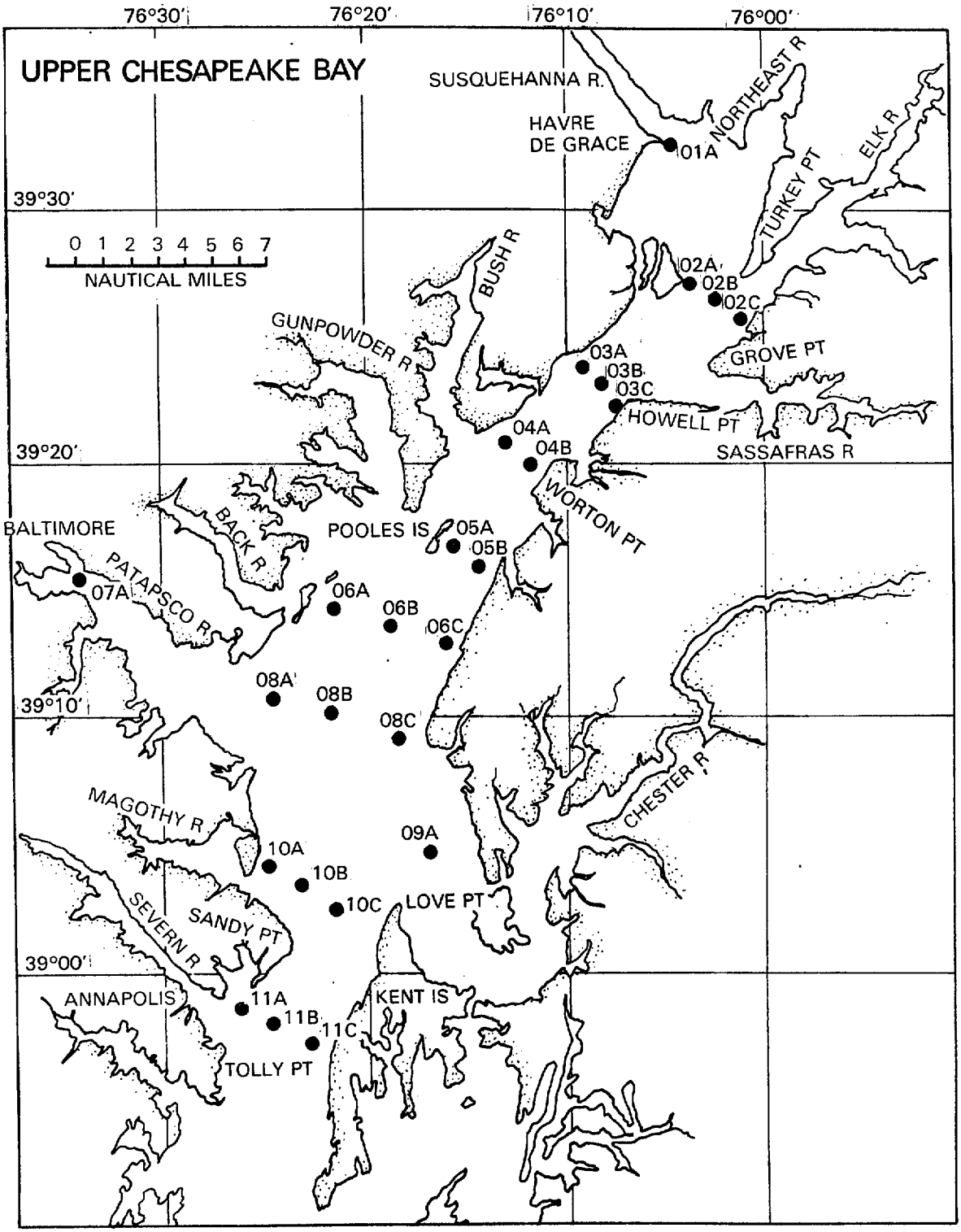


*Figure 2. Locations and Codes of the Major Sampling Stations*

TABLE 1-9. IDENTIFICATION OF THE MAJOR SAMPLING STATIONS

| STATION CODE | LOCATION NAME | LATITUDE | | | LONGITUDE | | | DEPTH FT. |
|---|---|---|---|---|---|---|---|---|
| | | ° | ′ | ″ | ° | ′ | ″ | |
| 01A | SUSQUEHANNA RIVER | 39 | 32 | 55 | 76 | 04 | 47 | 30-40 |
| 02A | TURKEY POINT WEST | 39 | 26 | 32 | 76 | 03 | 03 | 12 |
| 02B | TURKEY POINT MIDDLE | 39 | 26 | 35 | 76 | 02 | 00 | 15 |
| 02C | TURKEY POINT EAST | 39 | 26 | 36 | 75 | 59 | 45 | 35 |
| 03A | HOWELL POINT WEST | 39 | 24 | 10 | 76 | 06 | 07 | 10 |
| 03B | HOWELL POINT EAST | 39 | 23 | 02 | 76 | 05 | 30 | 35 |
| 03C | HOWELL PNT (OPTIONAL) | 39 | 22 | 34 | 76 | 05 | 13 | 21 |
| 04A | WORTON POINT WEST | 39 | 21 | 20 | 76 | 10 | 58 | 24 |
| 04B | WORTON POINT EAST | 39 | 20 | 52 | 76 | 10 | 22 | 38 |
| 04C | WORTON PNT (OPTIONAL) | 39 | 20 | 18 | 76 | 09 | 40 | 20 |
| 05A | POOLE'S ISLAND WEST | 39 | 16 | 37 | 76 | 15 | 22 | 44 |
| 05B | POOLE'S ISLAND EAST | 39 | 16 | 14 | 76 | 14 | 03 | 27 |
| 05C | POOLE'S ISL. (OPTIONAL) | 39 | 16 | 04 | 76 | 13 | 29 | 20 |
| 06A | MILLER ISLAND WEST | 39 | 13 | 57 | 76 | 19 | 32 | 25 |
| 06B | MILLER ISLAND MIDDLE | 39 | 13 | 22 | 76 | 17 | 20 | 11 |
| 06C | MILLER ISLAND EAST | 39 | 12 | 47 | 76 | 15 | 07 | 40-45 |
| 07A | BALTIMORE HARBOR | 39 | 15 | 28 | 76 | 34 | 23 | 7-11 |
| 08A | PATAPSCO RIVER WEST | 39 | 10 | 49 | 76 | 25 | 56 | 16 |
| 08B | PATAPSCO RIVER MIDDLE | 39 | 09 | 48 | 76 | 22 | 30 | 17 |
| 08C | PATAPSCO RIVER EAST | 39 | 08 | 47 | 76 | 19 | 02 | 25-42 |
| 09A | CHESTER RIVER | 39 | 04 | 11 | 76 | 16 | 05 | 26 |
| 10A | MAGOTHY RIVER WEST | 39 | 02 | 31 | 76 | 23 | 32 | 13 |
| 10B | MAGOTHY RIVER MIDDLE | 39 | 02 | 27 | 76 | 21 | 36 | 39 |
| 10C | MAGOTHY RIVER EAST | 39 | 02 | 23 | 76 | 19 | 42 | 22 |
| 11A | KENT ISLAND WEST | 38 | 58 | 10 | 76 | 24 | 58 | 18 |
| 11B | KENT ISLAND MIDDLE | 38 | 57 | 56 | 76 | 23 | 48 | 46 |
| 11C | KENT ISLAND EAST | 38 | 57 | 43 | 76 | 22 | 48 | 85 |

By design, the UBSDB System indexes and allows specification of data in terms of all information components which are not identified as *non-key* in the data base definition. In other words, all data parameters of a discipline not identified as *non-key* in the definition can be used to pin-point desired information. For example, the specific value of salinity can be used as a key where it is desired to:

Print station, date, depth, wind direction, and wind speed where the salinity was found to be greater than 20.0 ppt.

Which would be encoded as follows:

PRINT C202, C203, C210, C205, C206 WHERE C217 GT 20.0:

Also, any number of parameters can be used to specify the desired data; for example it is desired to:

Print the average wind direction and the average wind speed at Station 01A during the month of December 1973 when the water temperature at the surface (0.0 depth) was less than 6.0 degress centigrade.

Which would be encoded as follows:

PRINT AVG C205, AVG C206 WHERE C202 EQ 01A AND C203 SPANS 12/01/73* 12/31/73 AND C210 EQ 0.0 AND C211 EQ 6.0:

The examples above demonstrate the flexibility of the UBSDB System in retrieving information.

Chapter 2 explains in detail how the instructions should be given to the System and how a *non-key* data parameter by association can be used also to specify retrievals. Specifically, Section 2.3 presents the instructions to the system and, in many cases, the actual answers by the system of the following information:

- Types and number of samples taken by discipline
- Dates of samples taken by discipline
- Number of samples taken at each station by discipline
- Total number of data values recorded for any given parameter
- Minimum, maximum, average, and standard deviation values of any given parameter

The data collection forms were developed and used individually by each discipline during the initial recording of the samples and measurements. Once the samples were analyzed and the data parameters investigated and quantified, data was transcribed onto special forms for key-punching and subsequent entry into the data base. An example of these forms used by Suspended Sediment/ Hydrography discipline is shown in Figure 3.

The actual data entry into the data base varies significantly from the conventional master file concept method. For entering the data of one sample (a new logical entry), the data is simply laid out in a series of value strings, associating with each item of data the component number to which that item of data belongs. For example:

202*01A*203*12/13/74*204*1427*205*140*206*14*
207*5*210*0.0*211*5.09*216*0.01 ... etc.

The asterisks always must be used to separate the component number from its data. The component number, asterisks, and data can be key-punched directly on cards as shown in the example above. Alternatively, a utility program can be written to read the punched cards as shown in Figure 3 and assign the component numbers and asterisks automatically prior to loading the data into the data base.

The initial set of data need not be complete, nor need it be completely accurate or standardized. All extra spaces are automatically suppressed by the system except for components defined as *text*. Update requests can modify or insert at some later time any piece of data individually or whole sets of data across the data base. Date entry and update procedures are described in Section 2.4.

SUSPENDED SEDIMENT & HYDROGRAPHY DATA — PAGE 1 or 2

| | 201 | 202 | 203 | 204 | 205 | 206 | 207 | 208 | 209 | 210 | | 211 | | 212 | 213 | 214 | 215 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SPECIAL SAMPLE CODE (1–4) | SPECIAL KEY SAMPLE CODE (5–9) | STATION CODE (10–12) | DATE OF SAMPLE M M / D D / Y Y (13–20) | TIME OF SAMPLE (21–24) | WIND DIRECTION 360° (25–27) | WIND SPEED KTS. (28–30) | WEATHER CODE (31) | AIR TEMP. DRY BULB (CENTGR.) (32–35) | AIR TEMP. WET BULB (CENTGR.) (36–39) | DEPTH OF SAMPLE (METERS) (40–43) | UNADJUSTED WATER TEMP (CENTGR.) (44–48) | ADJUSTED WATER TEMP. (CENTGR.) (49–53) | UNADJUSTED WATER CONDUCTIVITY (54–59) | ADJUSTED WATER CONDUCTIVITY (60–65) | WATER PH (66–71) | WATER OXYGEN (ML/L) (72–77) | WATER TURBIDITY (78–80) |
| A 1 | | 01A | 12/13/74 | 1427 | 140 | 145 | | | | 0.0 | — | 5.09 | | | | | |
| A 2 | | 01A | 12/13/74 | 1430 | 140 | 145 | | | | 2.0 | | 5.06 | | | | | |
| A 3 | | 01A | 12/13/74 | 1433 | 140 | 145 | | | | 4.0 | | 5.06 | | | | | |

SUSPENDED SEDIMENT & HYDROGRAPHY DATA — PAGE 2 of 2

| | 216 | 217 | 218 | 219 | 220 | 221 | 222 | 223 | 224 | 225 | 226 | 227 | 228 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SPECIAL SAMPLE CODE (1–4) | WATER CHLORINITY (°/oo) (6–9) | WATER SALINITY (°/oo) (10–14) | WATER SIGMA T (15–19) | CONCEN. TOTAL SUS. SEDIMENTS MG/L (20–25) | SUSPENDED SEDIMENTS % ORGANIC (26–29) | VESSEL CODE (30–31) | STATION LATITUDE ° ' " (32–38) | STATION LONGITUDE ° ' " (39–45) | DNR STATION CODE (46–52) | MD. GRID COORDINATE EAST (53–57) | MD. GRID COORDINATE NORTH (58–61) | STATION DEPTH (METERS) (62–66) | SAMPLE COMMENT (67–80) |
| B 1 | 0.01 | 0.05 | 0.06 | 41.33 | 15.2 | 2 | 39325 5 | 760447 | XKH2952 | 10595 | 6260 | 12.0 | |
| B 2 | 0.01 | 0.05 | 0.07 | 42.57 | | 2 | 39325 5 | 760447 | XKH2952 | 10595 | 6260 | 12.0 | |
| B 3 | 0.01 | 0.05 | 0.06 | 40.55 | | 2 | 39325 5 | 760447 | XKH2952 | 10595 | 6260 | 12.0 | |

*Figure 3. UBSDB Data Recording Forms*

### 1.5.3 Characteristics and Capabilities

The Upper Bay Survey Data Base can be maintained at any computer facility or time-sharing network which supports SYSTEM-2000® data management system. Currently, UBSDB is maintained at the CDC CYBERNET Time-Sharing Network located in Rockville, Maryland.

Access to the data base can be attained from any geographic location using telephone lines and appropriate data terminals for remote batch or interactive modes of operation. The remote batch mode is intended for processing large volumes of data, and the interactive mode for retrieving specific information items or brief reports immediately. Each mode of operation can be intermixed. This means that a request can be sent in one mode and the reply received in the other.

If the data base is frequently used, it can be maintained on a direct access device immediately accessible by the computer system and the user. Or if the data base is infrequently used, it can be stored on a magnetic tape for loading into the system upon request. It takes approximately three to eight minutes after the request is given via a data terminal to load the data base from magnetic tape into the computer system. After use, the data base can be released and reloaded (copied) from the same magnetic tape again when needed.

The physical storage and organization of data in SYSTEM-2000® varies considerably from the conventional master file-oriented data bases. Any unique value of a given parameter (information component) is physically sorted (recorded) in the system only once. The system itself appropriately links and associates the data values with the parameters automatically.

Up to 4,500 different information components (data parameters) can be defined and stored in one data base. The maximum data base size in terms of number of characters is not defined. However, there are SYSTEM-2000® data bases operating in access of 80 million characters. The SYSTEM-2000® provides to the user a greater flexibility in specifying data parameters, changing their descriptions or data, adding new parameters, or restructuring the entire data base. The system also has provisions for special security codes which safeguard specified parameters against access or revision of data by unauthorized users.

Specific data retrieval and analysis capabilities are described in Chapter 2.

### 1.5.4 Requirements and Terminals

The basic requirements for retrieving information directly from the Upper Bay Survey Data Base are log-on information, a telephone, and a data terminal. The data base itself contains instructions and explanations for its use.

The log-on information which is available from Westinghouse Oceanic Division consists of a telephone number, a seven-digit user number, a password of as many as seven digits, and a three-digit charge number. Detailed instructions on the use of this information are given in Section 2.1. Any standard office model telephone can be used with a number of data terminals as listed below.

The two different modes of operation require different types of terminals. The on-line batch mode terminals usually have a punched card or magnetic tape reading capability and a large, fast line-printer. The interactive mode terminals are smaller and have 10-30 characters per second transmission rates over voice-grade telecommunications lines. Some of the batch mode terminals are:

- Control Data: CDC 200 UT, CDC 730, and CDC 8231
- IBM 1130 Computer Systems
- Honeywell 200 Series Computer Systems
- Univac 9200 Computer Systems
- COPE Series Terminals
- Data 100 Terminals
- Mohawk Terminals
- Tektronix 4010, 4012, and 4013 Terminals

Access to the UBSDB in the interactive mode could be accomplished with almost any terminal having a 10 or 30-character per second transmission capability. Some of the more widely used terminals are:

- Texas Instruments 700 Series
- ASR Teletypes (almost all models)
- Hewlett Packard 9866A

# 2. USER INSTRUCTIONS

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Only the basic operating and retrieval instructions presented from the data base user's point of view are discussed below, as all the possible capabilities and all the operating instructions for the chosen data management system could not be described in this document. More detailed descriptions and instructions for special handling of data within the data base may be found in SYSTEM-2000® Users' Reference Manual, Cybernet Service, Control Data Corporation. This manual consists of approximately 500 pages and presents a more detailed description of the multi-purpose data management system's capabilities.

The users' instructions that follow are for the interactive mode of operation. If access to the UBSDB is desired other than by means of 10-CPS* or 30-CPS terminals, Westinghouse Oceanic Division should be contacted.

## 2.1 Instructions for Data Base Access and Exit

For attaining access to the Upper Bay Survey Data Base via interactive mode terminals, five unique information items must be employed:

1. Telephone Number (NNN-NNN-NNNN)
2. Family Code (WW)
3. User Number (XXXXXXX)
4. Password (YYYYYYY)
5. Charge Number (ZZZ)

In most instances, two telephone numbers will be employed, one for 10-CPS and the other for 30-CPS transmission rate terminals.

Once these information items are obtained, the steps for access to the data base are:

Step 1: Set the terminal to half duplex on-line operation and dial the appropriate telephone number. Be sure the CPS setting on the terminal corresponds to the telephone number being dialed.

Step 2: When a high pitch tone is heard, place the telephone hand set in the terminal coupler and wait until the system prints FAMILY:. After FAMILY, type the WW code and press the carriage return key.

*Characters per second

Step 3: After USER NUMBER, type the code *XXXXXXX* and press the carriage return key. Then wait for the system to obliterate nine spaces.

Step 4: Type the assigned password *YYYYYYY* in the obliterated spaces, and press the carriage return (CR) key. To send a message to the system always press the CR key.

Step 5: Wait for the system to print RECOVER/CHARGE:. Then type *CHARGE, XXXXXXX-,*ZZZ* code, and press the CR key. Wait for the system to print READY.

Step 6: Then type *-S2KV230,* press the CR key, and wait for the system to print a question mark ?.

Step 7: After the question mark is received, type *USER, LETMESSEE:SHARED DBN IS UBSDB*: and press the CR key. (Note that the space after SHARED, DBN, and IS must not be omitted.) After receipt of another question mark, the data base is ready for use.

If after Step 7, the system prints DATA BASE DOES NOT EXIST, call to have UBSDB loaded into the system from a magnetic tape, a procedure that takes approximately three to five minutes.

An operator who does not know how to use this data base should type *PRINT/STUB SUPPRESS/C28:* CR. The system will provide instructions automatically. (Also see Section 2.2.)

Step 8: To sign out after using the data base, type *EXIT*: CR, and wait for the system to print READY.

Step 9: Then type *BYE* CR, wait for the system to print log-off information, and hang up the receiver.

An example of the procedural steps using a 10-CPS Teletype Model 33 terminal is given in Table 2-1.

The procedural steps above are the same for all interactive mode terminals. However, when using a 30-CPS terminal, *ROUT,10* CR instructions after Step 5 is recommended. This command instructs the terminal to print lines uniformly.

In most instances, a short-cut method for access to the UBSDB will be available also. This method will allow the user to replace Steps 6 and 7 with one instruction by typing *-UBS* CR. Table 2-2 illustrates the short-cut method for access to the UBSDB using a 30-CPS transmission rate terminal.

## 2.2 Instructions for Using the Data Base

This section presents the basic instructions and requirements for determining the content, structure, and use of the data base. The data base itself contains much of this information; the user need only ask for it.

### 2.2.1 Data Base Definition

The most important requirement for using UBSDB is the data base definition or listing which is an index and a guide to all information contained in the data base. To obtain this definition the user types *DESCRIBE*: CR after Step 7, as outlined in Section 2.1.

Once it has been obtained, the lengthy 150-line UBSDB definition should be saved for future use. However, the UBSDB is very flexible; new disciplines or data parameters can be added, changed, expanded, or deleted. Every such modification to the data base is automatically reflected in the definition.

TABLE 2-1. AN EXAMPLE OF THE PROCEDURE STEPS TO ACCESS UBSDB USING A 1-CPS (TELETYPE MODEL 33) TERMINAL

```
 75/04/16. 13.57.50.
EASTERN CYBERNET CENTER SN1079 KRONOS    2.1.6.132.C-C
FAMILY: KB
USER NUMBER:  S63878P
PASSWORD
[redacted]
TERMINAL:       50,TTY
RECOVER/ CHARGE:CHARGE,S63878P,*LAA*
READY.

 09.58.29. WARNING

COBOL3 USERS PLS TYPE INFO 4/16/75

-S2KV230
 75/04/16. 13.59.52."BEGIN SYSTEM 2000" RELEASE    2.30U
 ---
? USER,LETMESEE:DBN IS UBSDB:
 ASSIGNED UBSDB                    2        201      75/03/17. 13.42.30.
 ---
?

PRINT/STUB SUPPRESS/C28:

                 INSTRUCTIONS TO USE DATA BASE

    1)   TO USE UBSDB IT IS RECOMMENDED TO HAVE A DATA BASE LISTING.
         IF YOU DO NOT HAVE ONE. TYPE  ACCESS:  AND PRESS CARRIAGE
         RETURN (CR), WA[illegible]  THEN TYPE  DESCRIBE:


  EXIT:
          END SYSTEM 2000
READY.
BYE.

S63878P  LOG OFF.   14.09.33.
S63878P  SS         0.058 SEC.
TIO      4005
```

TABLE 2-2. A SHORT-CUT METHOD TO ACCESS UBSDB USING 10-CPS AND 30-CPS TERMINALS

```
 75/00/16. 07.43.19.
EASTERN CYBERNET CENTER SN1079 KRONOS   2.1.6.132.0--0
FAMILY: KB
USER NUMBER:  S63878P
PASSWORD
[redacted]
TERMINAL:       7,TTY
RECOVER/ CHARGE:CHARGE,S63878P,*LAB*
READY.
ROUT,10
READY.
-UBS
 75/04/16. 07.44.19.*BEGIN SYSTEM 2000* RELEASE   2.30U
 ------
 ------
 ASSIGNED UBSDB                    2        201      75/03/17. 13.42.30.
 ------
 ------
?




 ------
? EXIT:
          END SYSTEM 2000
READY.
BYE.

S63878P  LOG OFF.  07.45.51.
S63878P  SS        0.061 SEC.
TIO      0694
```

To insure that the previously obtained data base definition is current, one need only compare the DEFINITION NUMBER. Table 2-3 shows a sample of a previously obtained data base definition and Table 2-4 shows the definition number to be compared after entering the data base. Normally, the definition numbers are not changed frequently. The DATA BASE CYCLE shown in Table 2-3 indicates the number of times that data has been added or changed in the data base.

A complete data base definition is given in Section 1.5.1 of Chapter 1. Table 2-5 identifies the different information items given in the data base definition.

### 2.2.2 Important Considerations

When using the UBSDB System, there are several important points one must observe. Each point noted below is accompanied by an example which retrieves actual information from the data base. When one uses the system for the first time, it is recommended that he try the examples given in this section for familiarization purposes.

The user need not be apprehensive of making mistakes. The system will indicate all errors automatically and in most cases will indicate the type of error made. The actual system cost for trying these examples is minimal.

After obtaining access to the data base as described in Section 2.1 and after obtaining the data base definition as explained in Section 2.2.1, the user is ready to retrieve information.

- For data retrieval, the system must be in the Access Mode; to insure this, type:

  ACCESS: (CR)

  if a question mark is received, proceed with the examples. If not and if the terminal connect light is still ON, *do not* disconnect the telephone. Try to log-out and then log-in again as shown in Section 2.1.
- The user must always wait for the system to respond before he enters another command. Further, the system always indicates when it is ready for another instruction by printing a question mark, a slash, or the word Ready. When using SYSTEM-2000® commands, the user must always wait for the question mark before entering another command.
- Almost all data management system commands or instructions must end with a colon. An instruction is executed only when the colon is detected by the computer, but it is transmitted only when the carriage return key (CR) is depressed. For example:

  PRINT PROJECT DESCRIPTION: (CR)
- If an error in the instruction is detected by the user before it is sent, the correction can be made by deleting the wrong characters or the entire line.

  To delete characters use the arrow (←) key.

  To delete the entire line use the escape (ESC) key.

  When the user employs the escape key he need not wait for the question mark.
- The two most commonly used commands are PRINT and LIST. The PRINT command requires specification of what is to be printed and the LIST command requires specification of what and how the information is to be printed. The LIST command, explained in Section 2.5, is used for generation of reports or extraction of a separate data file, thus:

  PRINT COUNT C200: (CR)

  The C200 is the information component number listed in the data base definition (also see Table 2.5). The C stands for Component and must always precede all component numbers. The answer reports the number of samples or data sets in the data base's 200 series or discipline category. It is highly recommended that the user determine the amount of data available before commanding that it be printed in its entirety.

TABLE 2-3. PREVIOUSLY OBTAINED DATA BASE DEFINITION NUMBER

```
? DESCRIBE:
  SYSTEM RELEASE NUMBER        2.30S
  DATA BASE NAME IS UBSDB
  DEFINITION NUMBER        2
  DATA BASE CYCLE        201
     1*  PROJECT CODE (NAME X(5))
     2*  PROJECT TITLE (NON-KEY TEXT X(30))
     3*  PROJECT DESCRIPTION (NON-KEY TEXT X(250))
     4*  PROJECT MANAGER (NON-KEY TEXT X(30))
    10*  INDEX A (RG)
      11*  VESSEL CODES (NON-KEY NAME X(80) IN 10)
    12*  INDEX B (RG)
      13*  STATION CO[illegible] X(80) IN 12)
```

TABLE 2-4. DATA BASE DEFINITION NUMBER TO BE COMPARED AFTER ACCESSING UBSDB

```
 75/04/16. 14.10.07.
EASTERN CYBERNET CENTER SN1070 KRONOS    2.1.6.132.0-0
FAMILY: KB
USER NUMBER:   S63873P
PASSWORD
[redacted]
TERMINAL:       50.TTY
RECOVER/ CHARGE:CHARGE.S63873P."LAA"
READY.

 09.58.29. WARNING

COBOL3 USERS PLS TYPE INFO 4/16/75

-UBS
 75/04/16. 14.11.39."BEGIN SYSTEM 2000" RELEASE    2.30U
 ...
 ...
 ASSIGNED UBSDB                    2        201      75/03/17.
 ...
 ...
```

TABLE 2-5. INFORMATION ITEMS IN THE DATA BASE DEFINITION

| Information Component Numbers | Information Component Names | Repeating Group or Separate Set of Data | Component Number of the Repeating Group to which the Components belong |
|---|---|---|---|

```
500*  BIOCHEMISTRY DATA (RG)
  501*  5 SPECIAL CODE (NAME X(5) IN 500)
  502*  5 STATION CODE (NAME XXX IN 500)
  503*  5 DATE (DATE IN 500)
  504*  5 TIME (INTEGER NUMBER 9999 IN 500)
  505*  5 DEPTH OF SAMPLE MTRS (DECIMAL NUMBER 99.9 IN 500)
  506*  5 TYPE OF SAMPLE (NAME X(13) IN 500)
  507*  5 SAMPLE NO. (NON-KEY NAME XXX IN 500)
  508*  5 TOTAL PCB (DECIMAL NUMBER 999.9999 IN 500)
  509*  5 1242 AROCLOR (NON-KEY DECIMAL NUMBER 999.9999 IN 500)
  510*  5 1248 [illegible] NUMBER 999.9999 IN 50[illegible]
  511*  5 [illegible]
```

( ——————————— )

| TYPE AND LENGTH OF DATA FIELD OF EACH COMPONENT: | | |
|---|---|---|
| Name XXX | = Alphanumeric | 3 characters |
| Date | = MM/DD/YY | 10 characters |
| Integer Number 9999 | = Numeric Only | 4 characters |
| Decimal Number 99.9 | = Decimal Numbers | 4 characters |
| Name X(10) | = Alphanumeric | 10 characters |
| Non-Key Name XXX | = Alphanumeric | 3 characters |

- The component number can be interchanged with the component name. When using component names, the C is not required, but the component name must be used exactly as it appears in the data base definition. For example:

  PRINT COUNT BIOCHEMISTRY DATA: (CR)

- Any information item can be obtained using the print command, thus:

  PRINT AVG C211: (CR)

  This particular command retrieves the overall average of water temperatures recorded by the SUS SED/HYDROGRAPHY discipline. Other examples are:

  PRINT SIGMA C211: (CR)
  (SIGMA is the standard deviation)
  PRINT MIN C211: (CR)
  PRINT MAX C211: (CR)

- To halt the terminal from printing a lengthy sequence of data, the user should press I. This command will Interrupt the printing and automatically exit the user from the data management system. To get back into the data base, the user must repeat Steps 6 and 7 as shown in Section 2.1. In most cases, Steps 6 and 7 can be bypassed by typing -UBS (CR). When the -UBS command is used, a wait of one to two minutes may be incurred.
- If only the average water temperature at a specific station is desired, the station must be identified as in this example:

  PRINT AVG C211 WHERE C202 EQ 01A: (CR)

  The above command reads: "Print average water temperature where station code equals 01A".
- Do not exceed 72 characters of instructions on a line. To begin the next line, press the carriage return key (CR), wait for a question mark, and then continue the instruction.
- If the average water temperature during December 1973 at a given station is desired, type:

  PRINT AVG C211 WH C202 EQ 01A AND C203
  GE 12/01/73
  AND C203 LE 01/01/74: (CR)

  (Note that GE means greater than or equal to and LE means less than or equal to)
- If the average surface temperature at Station 01A for the month of December 1973 is desired, type:

  PRINT AVG C211 WH C202 EQ 01A AND C203 GE
  12/01/73 AND C203 LE 01/01/74 AND C210 EQ
  0.0: (CR)

  (Note that C210 is Depth of Sample, 0.0 equals zero depth or the water's surface.)

  By adding the qualifiers, the user can retrieve any specific information item from a given discipline.
- If, after a request ending with a colon, the system prints only a question mark instead of the expected answer, it is indicating that the requested data is not contained in the data base. For example, a question mark would be the answer to this:

  PRINT COUNT C219 WH EQ 12/15/42: (CR)

- Answers to all PRINT commands are identified by the component numbers requested in the command. These answer identifiers can be suppressed or they can be substituted with their component names. Once the desired identification format is specified, the system will apply the format to all answers until it is changed. For example:

  PRINT/NAME/C1, C2: (CR)
  PRINT/STUB SUPPRESS/C1, C2: (CR)
  PRINT/NUMBER/C1, C2: (CR)

### 2.3 Retrieving Specific Data Items

Before the user begins to retrieve information from the data base, it is recommended that the quantity of the specific data groups or individual parameter be known. The PRINT COUNT command should be used to determine the quantity of data. For example, to find out the total number of samples (or data sets) entered in the biochemistry discipline:

```
? PRINT COUNT C500:
 CNT 500* 317
 ---
?
```

By substituting C500 with any other component number shown in the data base definition, the quantity of data in each discipline or individual parameter can be determined. The above command reads; Print the count of biochemistry data (sets). Note that if COUNT is omitted, the system would continue to print all data parameter values of each set in sequence. To stop the terminal from printing, press I and repeat Steps 6 and 7 as shown in Section 2.1.

To retrieve data identified more specifically in terms of a particular geographic location, time, depth, type of sample, or some other delimiter, specific values of the parameters which are to be used as delimiters must be known.

To determine specific values of a given data parameter, the user can employ the TALLY command, which can be used only with the KEY information components. For example, to find out the number and types of samples entered into UBSDB under the biochemistry discipline, type TALLY C506: (CR). Three examples follow:

```
? TALLY C506:
 ELEMENT=      5 TYPE OF SAMPLE
FREQUENCY    VALUE
        24       BENTH WET PPM
        43       BOTM SED PPM
         5       GRWAT H20 PPT
        59       PLANK H20 PPT
         3       PLANK H20 PPT
        62       PLANK WET PPM
        56       S SED DRY PPM
        58       S SED H20 PPT
         3       SSEW H20 PPB
         4       WSEW H20 PPB
       10  UNIQUE VALUES
      317  OCCURRENCES
?
```

```
? TALLY C605:
 ELEMENT=      6 TYPE OF SAMPLE
FREQUENCY    VALUE
        43       BOTM WATER
        38       SED
         3       SURF WATER
        18       SUS SED
         4  UNIQUE VALUES
       102  OCCURRENCES
?
```

```
? TALLY C701:
 ELEMENT=      7 SAMPLE TYPE
FREQUENCY    VALUE
        95       ZOOPLANKTN
         1  UNIQUE VALUES
        95  OCCURRENCES
?
```

To find out the station codes and the number of samples taken at each station, proceed as in these examples:

```
? TALLY C202:
 ************************
  ELEMENT=      2 STATION CODE
 ************************
 FREQUENCY    VALUE
 ------------------------
        58       01A
        16       02A
        18       02B
        42       02C
        18       03A
        44       03B
        27       03C
        30       04A
        44       04B
        26       04C
        64

    ------------------------
         28  UNIQUE VALUES
    ------------------------
       1010  OCCURRENCES
    ------------------------
    ---
 ?
```

```
? TALLY C602:
 ************************
  ELEMENT=      6 STATION CODE
 ************************
 FREQUENCY    VALUE
 ------------------------
         5       00C
        24       01A
        21       05A
        21       10B
        31       11A
 ------------------------
         5  UNIQUE VALUES
 ------------------------
       102  OCCURRENCES
 ------------------------
 ---
?
```

```
? TALLY C502:
 ************************
  ELEMENT=      5 STATION CODE
 ************************
 FREQUENCY    VALUE
 ------------------------
         1       MP
         5       0FS
         6       0MP
         1       001
         1       002
         1       003
         1       004
         1       005
                 10A
        39       10B
         6       10C
        28       11A
        23       11C
         6       11D
 ------------------------
        62  UNIQUE VALUES
 ------------------------
       317  OCCURRENCES
 ------------------------
 ---
?
```

```
? TALLY C702:
 ************************
  ELEMENT=      7 STATION CODE
 ************************
 FREQUENCY    VALUE
 ------------------------
         1       001
         1       002
         1       003
         1       005
         8       01A
         8       09B
         1       09C
        10       10B
        10       11A
         9       11C
         5       11D
 ------------------------
        20  UNIQUE VALUES
 ------------------------
        95  OCCURRENCES
 ------------------------
 ---
?
```

or to determine the dates and the numbers of samples taken, follow these examples:

```
? TALLY C403:
**********************
 ELEMENT-      4 DATE
**********************
FREQUENCY    VALUE
----------------------
      15      10/10/1973
      10      10/12/1973
       9      10/15/1973
      14      10/16/1973
       3      10/17/1973
----------------------
       5  UNIQUE VALUES
----------------------
      51  OCCURRENCES
----------------------
---
?
```

```
? TALLY C503:
**********************
 ELEMENT-      5 DATE
**********************
FREQUENCY    VALUE
----------------------
      12      10/10/1973
       5      10/12/1973
       4      10/15/1973
      15      10/16/1973
      17      12/12/1973
      21      12/13/1973
       6      12/14/1973
       6      01/17/1974
       2      01/22/1974
      20      [illegible]/1974
       [illegible]  08/02/19[illegible]
       1      08/26/1974
       1      09/04/1974
       2      09/17/1974
       4      09/18/1974
       6      09/19/1974
       5      09/20/1974
       1      10/16/1974
       2      11/05/1974
----------------------
      37  UNIQUE VALUES
----------------------
     317  OCCURRENCES
----------------------
---
?
```

```
? TALLY C603:
**********************
 ELEMENT-      6 DATE
**********************
FREQUENCY    VALUE
----------------------
        5       12/12/1973
        5       12/13/1973
        5       01/23/1974
        5       01/24/1974
        7       03/20/1974
        6       03/21/1974
        5       05/02/1974
        5       05/03/1974
        5       06/12/1974
        6       06/13/1974
        7       07/09/1974
        3       07/10/1974
        7       09/19/1974
        4       09/20/1974
        7       10/24/1974
        1       10/25/1974
        7       11/27/1974
        1       11/28/1974
        7       12/17/1974
        4       12/18/1974
----------------------
      20  UNIQUE VALUES
----------------------
     102  OCCURRENCES
----------------------
***
?
```

```
? TALLY C705:
**********************
 ELEMENT-      7 DATE
**********************
FREQUENCY    VALUE
----------------------
        2       12/12/1973
        2       12/13/1973
        3       12/14/1973
        3       01/17/1974
        4       01/23/1974
        6       01/24/1974
        2       03/19/1974
        5       03/20/1974
        4       03/21/1974
        2       05/01/1974
        5       05/02/1974
        4       05/03/1974
        5       07/09/1974
        2       07/10/1974
        2       09/18/1974
        5       09/19/1974
        2       09/20/1974
        6       10/24/1974
        5       11/25/1974
        5       11/27/1974
        5       12/17/1974
        2       12/18/1974
----------------------
      26  UNIQUE VALUES
----------------------
      95  OCCURRENCES
----------------------
***
?
```

Once the specific values of a KEY parameter have been obtained by TALLY command, specifications of a more precise information can be made in terms of these values by using the WHERE clause. All delineating conditions must follow to the right of the WHERE clause, which may contain as many as 58 operators where an operator includes:

| | |
|---|---|
| AND | (See Example 2.) |
| OR | (See Example 4.) |
| NOT | (See Example 5.) |
| ( ) | (See Example 5.) |

EQ, meaning equal. (See Example 1.)
NE, meaning not equal. (See Example 6.)
LT, meaning less than.
LE, meaning less than or equal to.
GT, meaning greater than.
GE, meaning greater than or equal to.
SPANS, meaning range of specifications. (See Example 2.)
EXISTS, meaning data values entered. (See Example 7.)
FAIL, meaning data values missing. (See Example 8.)
SAME, meaning same qualifiers as in previous command. (See Example 9.)

The following examples illustrate the use of the operators listed:

Example 1:

```
 PRINT COUNT C506 WHERE C502 EQ 01A:
CNT 506* 28
---
?
```

The answer above indicates the number of samples taken at Station 01A for the biochemistry discipline.

Example 2:

```
PRINT C506,C503 WHERE C502 EQ 01A AND C503 SPANS 01/01/74*03/31/74:
 506* PLANK WET PPM
 503* 01/24/1974
 506* PLANK H2O PPT
 503* 01/24/1974
 506* S SED H2O PPT
 503* 03/21/1974
 506* S SED DRY PPM
 503* 03/21/1974
 506* S SED H2O PPT
 503* 03/21/1974
 506* S SED DRY PPM
 503* 03/21/1974
 506* PLANK WET PPM
 503* 03/21/1974
 506* PLANK H2O PPT
 503* 03/21/1974
 506* S SED DRY PPM
 503* 01/24/1974
 506* S SED H2O PPT
 503* 01/24/1974
---
?
```

The answer above indicates the dates and types of samples taken at Station 01A during January through March 1974.

The Boolean operators AND, OR, and NOT are used to indicate the relationship between the conditions found in the WHERE clause. When AND is used, the data set values eligible for output *must* satisfy both conditions. When OR is used, the WHERE clause is satisfied by those data sets for which either condition is satisfied. Where NOT is used, the WHERE clause is satisfied by all data sets which do *not* satisfy a condition. The shaded areas (i.e., the area qualifying) in each of the diagrams in Figure 4 illustrate the logic of the three operators:

Example 3:

In order to determine station and date when chlorinity was greater than 8.5 and salinity was greater than 16.5 ppt, follow this example:

```
PRINT C202,C203 WHERE C216 GT 8.5 AND C217 GT 16.5;
 202* 11C
 203* 01/23/1974
 202* 11C
 203* 01/23/1974
 202* 11C
 203* 02/11/1974
 202* 11C
 203* 02/11/1974
 202* 11C
 203* 06/12/1974
 202* 11C
 203* 06/12/1974
 202* 11C
 203* 06/12/1974
 202* 11C
 203* 06/12/1974
 202* 11C
 203* 06/12/1974
 202* 11C
 203* 06/12/1974
 202* 05A
 203* 07/31/1974
 202* 11C
 203* 07/31/1974
 202* 11C
 203* 07/31/1974
 202* 11C
 203* 07/31/1974
---
?
```

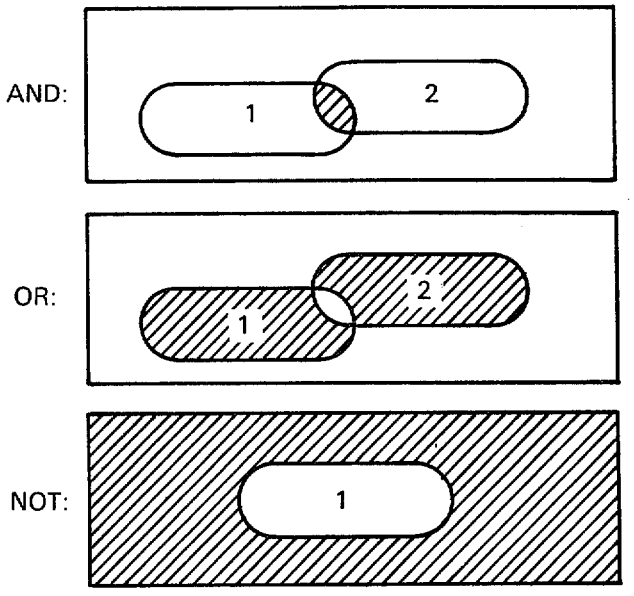


*Figure 4. The Logic of Three Operators*

Example: 4:

In order to determine the stations and dates when either chlorinity was greater than 9.55 or salinity was greater than 17.5 PPM, follow this example:

```
PRINT C203,C202 WHERE C216 GT 9.55 OR C217 GT 17.5:
 203* 02/11/1974
 202* 11C
 203* 06/12/1974
 202* 11C
 203* 06/12/1974
 202* 11C
 203* 06/12/1974
 202* 11C
 203* 06/12/1974
 202* 11C
 203* 07/31/1974
 202* 05A
 203* 07/31/1974
 202* 11C
 203* 07/31/1974
 202* 11C
---
?
```

Example 5:

To determine the station and date where either chlorinity was greater than 9.55 or salinity was greater than 17.5, but excluding Station 11C, follow this example:

```
PRINT C202,C203 WHERE(C216 GT 9.55 OR C217 GT 17.5)AND NOT C202
---
EQ 11C:
  202* 05A
  203* 07/31/1974
---
```

Note that when the WHERE clause contains only a single Boolean operator, the natural order of Boolean operator processing is not involved. But when Boolean operators are linked together into Boolean combinations, the implicit processing order (without nesting) is first, NOT, then AND, and finally OR. All statements enclosed by paired parentheses are processed before all unnested conditions. In the above examples, all stations and dates having chlorinity greater than 9.55 or salinity greater than 17.5 were retrieved first, then station 11C was eliminated.

Example 6:

The NOT command can be substituted with the NE command, thus:

```
PRINT/NAME/C202,C203 WHERE(C216 GT 9.55 OR C217 GT 17.5)AND
---
C202 NE 11C:
  2 STATION CODE* 05A
  2 DATE OF SAMPLE* 07/31/1974
---
```

Example 7:

The EXIST command retrieves data sets only if the specified component has data values, thus:

```
PRINT C203,C217,C219 WHERE C202 EQ 01A AND C220 EXISTS:
 2 DATE OF SAMPLE* 12/13/1973
 2 WATER SALINITY P/1000*    .05
 2 TOTAL S SED MG/L*   41.33
 2 DATE OF SAMPLE* 12/13/1973
 2 WATER SALINITY P/1000*    .05
 2 TOTAL S SED MG/L*   41.57
 2 DATE OF SAMPLE* 12/13/1973
 2 WATER SALINITY P/1000*    .05
 2 TOTAL S SED MG/L*   42.74
 2 DATE OF SAMPLE* 01/24/1974
 2 WATER SALINITY P/1000*    .13
 2 TOTAL S SED MG/L*   32.49
 2 DATE OF SAMPLE* 01/24/1974
 2 WATER SALINITY P/1000*    .14
 2 TOTAL S SED MG/L*
```

```
                ...ITY P/1000*    .09
  2 TOTAL S SED MG/L*    4.78
  2 DATE OF SAMPLE* 02/12/1974
  2 WATER SALINITY P/1000*    .09
  2 TOTAL S SED MG/L*    4.92
  2 DATE OF SAMPLE* 02/12/1974
  2 WATER SALINITY P/1000*    .07
  2 TOTAL S SED MG/L*    5.00
  2 DATE OF SAMPLE* 03/21/1974
  2 WATER SALINITY P/1000*    .10
  2 TOTAL S SED MG/L*   13.32
  2 DATE OF SAMPLE* 03/21/1974
  2 WATER SALINITY P/1000*    .11
  2 TOTAL S SED MG/L*   14.86
---
```

The above command retrieves date, salinity, and suspended sediment values of samples taken at Station 01A only if the suspended sediment percentage of organic parameter was recorded for that sample.

Example 8:

The FAILS command is used to specify conditions where data is missing, thus:

```
PRINT COUNT C216 WHERE C217 FAILS:
-      0  SELECTED DATA SETS -
---
```

The above answer indicates the total number of samples where the chlorinity was recorded without recording the salinity.

Example 9:

The SAME command is used when all conditions (to the left of WHERE clause) are the same as in the previous command, thus:

```
PRINT/NUMBER/COUNT C211 WHERE SAME:
-      0  SELECTED DATA SETS -
---
```

The above answer indicates the total number of samples where water temperature was recorded without recording the salinity.

As shown in previous examples, the types of information to be retrieved are indicated to the left of the WHERE clause, and all delineators or conditions of that information are specified to the right side. A list of information types (system functions) that can be specified (to the left of WHERE clause) using PRINT command are as follows:

PRINT Component Number, or numbers separated by commas
PRINT COUNT, meaning total number
PRINT MIN, meaning minimum value
PRINT MAX, meaning maximum value
PRINT SUM, meaning sum of the values

PRINT AVG, meaning print average value . = $\Sigma X/N$

PRINT SIGMA, meaning standard deviation = $\sqrt{\dfrac{\Sigma x^2 - \dfrac{(\Sigma x)^2}{n}}{n-1}}$

The purpose of the system functions is to permit the user to obtain arithmetic statistics about the data values contained in the data base.

System functions may be used to operate on any item in the data base. The SUM, SIGMA, and AVG may be used only with numeric type elements (DATE, INTEGER, DECIMAL, and MONEY). No system function can reference more than one item, and if multiple items are to be processed, the function name must be repeated with each item. For example:

```
 PRINT COUNT C217,COUNT C218,COUNT C219 WHERE C202 EQ 01A:
CNT 217* 58
CNT 218* 58
CNT 219* 50
---
```

The above answer indicates the total number of salinity, water sigma-T, and total suspended sediment recordings made at Station 01A. Another example is:

```
PRINT MIN C217,MAX C218,AVG C218,COUNT C218,SIGMA C218 WHERE
 ---
 C202 EQ 01A AND C203 SPANS 01/01/74*01/31/74:
 MIN 217*    .07
 MAX 218*    .14
 AVG 218* .108
 CNT 218* 13
 SIG 218* .022
 ---
```

The following command words may be abbreviated as follows:

| COMMAND WORD | ABBREVIATION |
|---|---|
| ADD | AD |
| ASSIGN | AS |
| CHANGE | CH |
| DATA BASE NAME | DBN |
| DITTO | DI |
| INSERT TREE | IT |
| LIST | LI |
| ORDERED BY | OB |
| PRINT | PR |

| COMMAND WORD | ABBREVIATION |
|---|---|
| REMOVE | RE |
| REMOVE TREE | RT |
| SAME | SA |
| SUPPRESS | SUP |
| TALLY | TA |
| WHERE | WH |

The DITTO operator can be used to copy the action statement (to the left of WHERE clause) of the most recent command. The DITTO operator is a convenience, never a requirement. If the command were issued:

DITTO WHERE SAME: (CR),

the previous command would be repeated in its entirety.

## 2.4 Entering and Correcting Data

The operation commands for updating the data base are few in number, are singular in purpose, and contain great potential. Unlike retrieval operations which merely retrieve data without altering the data base, update operations always alter the data base. The varied capabilities within update operation commands include:

- Adding or modifying data within existing data sets
- Removing data from existing data sets
- Adding or modifying partial or total logical entries (data trees)
- Removing part or all of logical entries

The Data Base Cycle Number is incremented when each update operation (command) is successful.

There is no output as a result of update commands analogous to those from retrieval commands and there are only three outputs that can ever occur as a direct result of an update command:

(1) An error message
(2) A message indicating the number of selected data sets
(3) DATA BASE UNALTERED message

If the user desires verification of the update command results, he can request appropriate retrievals following his updates.

The data base is marked internally if any update process is not completed normally; the occurrence of fatal system errors, operator drops, and system drops are examples. (Syntax errors do not cause damage to a data base.) Subsequently, if a user tries to perform an update on a data base damaged from a previous job, the following message is printed out:

- WARNING: DATA BASE DAMAGED NO UPDATES PERMITTED -

This message will appear on every job output that uses a marked data base—that is, a data base damaged by a previous job abort. The message also will be printed if the user attempts to employ an update command. The data base can still be saved, loaded, and described, and retrievals can be accomplished.

If the user receives a message that his data base is damaged, he should release the damaged working data base and then load the data base from the archival magnetic tape again. After this, he may resubmit his corrected updates.

*In short, unlike retrieval commands, data base updates should be attempted with care and good understanding of the system.*

There are several processes and modes for adding data to the data base. This section presents data updates using the Immediate Access mode operation.

When preparing for an update operation, the user must decide which update operation is desired and which data sets are to be selected for the operation. It is recommended that the update instruction be written on paper first, then entered into the system.

Update commands are categorized as operations which either modify existing data values, data sets and data trees, or create new data sets and new logical entries. Operations *modifying existing data sets* may be further classified as single-level operations or multiple-level operations. The *single level* update operations which modify *existing* data sets are:

| | |
|---|---|
| ADD | (Adds only missing data to existing samples.) |
| CHANGE | (Changes only the existing data.) |
| ASSIGN | (Assigns new values to existing samples whether the data was recorded or not.) |
| REMOVE | (Removes existing data values.) |
| INSERT TREE | (Enters new sample data.) |

In all Immediate Access update commands, data values expressed to the *left* of the WHERE clause must be delineated by a system separator (*). Data values expressed to the *right* of the WHERE clause do not require a system separator as a delineator.

### 2.4.1 The ADD Command

The purpose of the ADD command is to add data within existing data sets where no data currently exist. One or several values can be added with this command. For example, to add (a single value) sample depth which was omitted for PLANK WET PPM sample taken at Station 03B on 06/13/74, type:

ADD C505 EQ 4.0*WHERE C506 EQ PLANK WET PPM AND C502 EQ 03B AND C503 EQ 06/13/74: (CR).

When parameter values are being changed in the data base, the values can be specified if known, or the system can be instructed to calculate them and insert the result where the entry is desired. These are three examples:

ADD C505 = (2.0 + 2.0) WHERE C505 EQ PLANK WET PPM AND C502 EQ 03B AND C503 EQ 06/13/74: (CR).
ADD C505 = (4.0*1.0) WHERE C506 EQ PLANK WET PPM AND C502 EQ 03B AND C503 EQ 06/13/74: (CR).
ADD C505 = (8.0/2.0) WHERE C506 EQ PLANK WET PPM AND C502 EQ 03B and C503 EQ 06/13/74: (CR)

Adding (more than one value) sample depth and time which were omitted for PLANK WET PPM taken at Station 03B on 06/13/74 is illustrated by this example:

ADD C500 EQ 504 *1230* 505 *4.0* END* WHERE C506 EQ PLANK WET PPM AND C502 EQ 03B AND C503 EQ 06/13/74: (CR)

Note that the ADD command is restricted to single level operations, can be used only to add data to existing data sets, and will add values only where the specified elements are not currently valued.

### 2.4.2 The CHANGE Command

The purpose of the CHANGE command is to change data within existing data sets where data exists. To change (a single value) sample depth which was entered incorrectly for PLANK WET PPM taken at Station 03B on 06/13/74, for example, type:

CHANGE C505 EQ 6.0* WHERE C506 EQ PLANK WET PPM AND C502 EQ 03B AND C503 EQ 06/13/74: (CR).

In using the CHANGE command, a function also can be specified when data parameters are changed; for example:

CHANGE C505 = (C505 + 2) WHERE C506 EQ PLANK WET PPM AND C502 EQ 03B AND C503 EQ 06/13/74: (CR)

To change (more than one value) time and sample depth for PLANK WET PPM taken at Station 03B on 06/13/74, for example, type:

CHANGE C500 EQ 504 *1235*505*6.0*END* WHERE C506 EQ PLANK WET PPM AND C503 EQ 03B and C503 EQ 03B AND C503 EQ 06/13/74: (CR).

The CHANGE command is restricted to single level operations and can be used only to change data within existing data sets. The CHANGE command will only produce the desired change if the specified element has a value.

### 2.4.3 The ASSIGN Command

The purpose of the ASSIGN command is to assign data within existing data sets whether or not data are contained therein. In other words, if more than one sample qualifies the description to the right of the WHERE clause, that value or values will be assigned to all of those samples. It is recommended that the number of the qualifying samples be known before issuing this command.

To assign (one element) a station depth to all samples taken at Station 01A, for example, type:

ASSIGN C227 EQ 16.0* WHERE C202 EQ 01A: (CR)

This command is highly suited to recording data parameters which are to be derived or modified from the existing data.

To CHANGE all water temperature values (C211) expressed in centigrade to farenheit, for example, type:

ASSIGN C211 = (1.8*C211+32) WHERE C211 EXISTS: (CR)

*To ASSIGN one element* - If the request specifies a single element and its single new data value, then each selected data set is examined to determine if the specified element has an existing value in that data set. If it has, the old value is *changed* to the new value; if it does not, then the new value is *added.*

To ASSIGN (more than one value) latitude and longitude for all samples taken at Station 01A, for example, type:

ASSIGN C200 EQ 222 *393255* 223 *760447* END* WHERE C202 EQ 01A: (CR).

*To ASSIGN multiple elements* - If the above example (which specifies a repeating group by name or number) is used, then each selected data set is entirely emptied of all values and then filled with as many new values as are found in the value string in the request. For a specified repeating group, a total REMOVE operation is done for each selected data set, followed by a total ADD operation. If a repeating group is specified and if any original data are still to be retained along with the new assignment of values, the new value string also must contain that original data or it will be lost in the total removal. All values in the value string must belong to elements associated with the singularly specified repeating group. The order is immaterial as long as the value is preceded by its proper element.

IMPORTANT NOTE: In using the ASSIGN command where a repeating group is specified, if any original data is to be retained, it must be included as a part of the ASSIGN value string. All values in the value string when new multiple values are being assigned must belong to elements associated with the singularly specified repeating group.

### 2.4.4 The REMOVE Command

The purpose of the REMOVE command is to remove data from selected data sets. One or all values of a repeating group can be removed with a command such as this example:

REMOVE C227 WHERE C202 EQ 01A: (CR)

The above command removes all Department of Natural Resources (DNR) codes for Station 01A, but to remove all data of a discipline, follow this example:

REMOVE C400 WHERE C400 EXIST: (CR)

The above command removes all Marine Geology data from the data base.

The REMOVE operation removes the data value of either a single element or all elements in each selected data set. If the element format (the first example) is used, then for each selected data set, the value is removed provided that element has a value. If it has no value, no action occurs. If the repeating group format (the second example) is used, *every* value is removed from *every* selected data set.

### 2.2.5 The INSERT TREE Command

The purpose of the INSERT TREE command is to enter data of several new samples into the data base. There are several different formats that can be used.

To insert data of a new biochemistry sample at the end of previously entered, for example, type:

INSERT TREE C500 *0 EQ 501* data *502*data* 503
*.....* 519 *data* END* WHERE C1 EQ UBS: (CR).

The INSERT TREE C500*0 indicates the sample is to be added at the end of the sequence of existing samples. If data of any component are not available at the time of the entry, the component number should be omitted. A blank space for the missing data is automatically created from the data base definition.

To insert data of a new marine biology sample with several taxonomy data sets, for example, type:

INSERT TREE C700 EQ 701 *data* 702 *data* 703 *data*
704 *data* .....* 719 *data* 725*726 *data* 727 *data*
728 *data* 729 *data* 730 *data* 725*726 *data...*730
*END* WHERE C1 EQ UBS: (CR).

Here the above marine biology sample with two taxonomy data sets will be entered into the data base.

To insert data of a new taxonomy data set which belongs to an already entered marine biology sample, for example, type:

INSERT TREE C725 *0 EQ 726 *data* 727 *data* 728
*data* 729 *data* 730 *data* END* WHERE C701 EQ
ZOOPLANKTN AND C703 EQ 21: (CR).

Here the above taxonomy data set will be inserted with other taxonomy data sets belonging to zooplankton sample Number 21. To determine if the data of Sample 21 has been entered correctly, type:

PRINT C700 WHERE C703 EQ 21: (CR)

Before entering data into the data base using different modes and formats, one should consult the SYSTEM-2000® Users Reference Manual.

## 2.5 Requesting and Writing Reports

The LIST command is used to retrieve data arranged in a report format. The purpose of this command is to provide the user with a means of displaying output data in a columnar format with optional column labels, page headings, and footings. The LIST command contains many options of data arrangement, spacing, and labeling; however, the actual specification of the data to be retrieved is similar to the PRINT command.

An example of a LIST command retrieving the selected biochemistry data is given below, after which each part of the command is explained separately. The report actually generated by this command is shown in Table 2-6.

```
LIST/TITLE D(30) S SED DRY PPM,F(25)EXAMPLE,R(13)TOTAL+PCB +C508,
 ------
? R(10)1254 PCB,R(10)TOTAL+DDT +C511,R(10)1262 PCB,R(10)1242 PCB/
 ------
? C508,C511,C516,C512,C509,OB C502,C503 WHERE C506 EQ S SED DRY PPM:
```

| | |
|---|---|
| LIST/TITLE, | Required |
| D(30) | (Optional) If a title of the report is to be specified, the D(30) indicates the title is to start 30 characters from the left margin on the page. |
| S SED DRY PPM, | This is the report title selected by the user. No slashes (/), commas (,), or colons (:) are permitted in the title. |
| F(25), | (Optional) If it is intended that the report be presented on more than one page, F(25) indicates the number of lines to be printed on each page. If the F specification is used with the D specification, the heading also will appear at the beginning of each new page as well as the page number. The minimum number of lines per page is ten and the maximum is sixty. |
| EXAMPLE, | (Optional) This is a footnote selected by the user. If the LIST command is used for correlation analysis, the use of F(n) to designate the number of lines per page is forbidden. |
| R(13) TOTAL + PCB C508 | Indicates the width and heading of first data column to be printed. R(13) indicates the first column to be thirteen characters in width and justified on the right; for left-justification one would use L(n). TOTAL, PCB, and C508 constitute the column label selected by the user; + causes the label to be printed in vertical sequence. If only R(13) were indicated, the label at the head of the column would be blank. The first column always is printed automatically three characters from the left margin. |
| B(3), | This may be inserted before R(n) to indicate the spacing between columns. If B(n) is omitted, the system automatically inserts three spaces between columns. |

TABLE 2-6. BIOCHEMISTRY "S SED DRY PPM" DATA REPORT GENERATED BY THE LIST COMMAND

S SED DRY PPM 1
75/01/10.

| TOTAL PCB C508 | 1254 PCB | TOTAL DDT C511 | 1262 PCB | 1242 PCB |
|---|---|---|---|---|
| *** | | | | |
| .7100 | .7100 | | | |
| 1.3000 | 1.3000 | | | |
| .7900 | .6500 | .1900 | .1400 | |
| .1400 | .1400 | | | |
| .1300 | .1300 | | | |
| .7200 | .7200 | .0240 | | |
| .6400 | .0860 | .0280 | .1800 | |
| .3500 | .3000 | | .0530 | |
| .8800 | .3800 | .0120 | .1100 | .3900 |
| .8300 | .2600 | .1800 | .0650 | .5000 |
| .6200 | .2300 | .1200 | .0720 | .3200 |
| 3.4000 | 1.1000 | .0260 | | |
| 1.1000 | .3600 | .1500 | .3200 | .4500 |
| .8700 | .3700 | | .5000 | |
| 2.2000 | 2.2000 | | | |
| 1.4000 | .0980 | .2100 | .0360 | 1.3000 |

EXAMPLE

S SED DRY PPM 2
75/01/10.

| TOTAL PCB C508 | 1254 PCB | TOTAL DDT C511 | 1262 PCB | 1242 PCB |
|---|---|---|---|---|
| *** | | | | |
| 1.6000 | .2200 | .3000 | .0790 | 1.3000 |
| 3.8000 | .1200 | .0270 | .2200 | 3.5000 |
| 1.2000 | .5400 | .2400 | | |
| 2.7000 | [illegible] | .0910 | 1.5000 | |
| [illegible] | | [illegible] | .1100 | .2100 |
| | | | .0350 | [illegible] |

| | |
|---|---|
| R(10) 1254 PCB, through R(10) 1242 PCB/ /C508, C511, C516, C512, C509, 0B C502, C503 | These indicate the other column headings of the report in the desired sequence. This indicates which and how the data are to be grouped, 0B meaning ordered by. C502, C503 indicates that the data are to be grouped by station, and within station by date. |
| WHERE C506 EQ S SED DRY PPM: | This specification indicates what data is to be retrieved and is analogous to the WHERE clause used with the PRINT command as outlined in Section 2.3. |

If a particular report is used frequently, the LIST command can be stored in the system and called upon to produce the report when needed. To store the S SED DRY PPM report in the system, the steps are as follows:

(1) Select a unique component number and name for the report which are not already assigned in the data base definition. For example, make component number = 1234 and component name = SSD-1. (The component number should not be greater than 4500.) To determine what component numbers and names have been assigned, check the data base definition and the list of STRINGS. To get the list of STRINGS, type:

DESCRIBE STRINGS: (CR)

(2) After accessing the data base and following Step 6 as shown in Section 2.1, type:

DEFINE: (CR)

(3) After a question mark has been received, type:

```
1234♦SSD-1(STRING$LIST/TITLE D(25) S SED.......................

........... same instructions as shown in previous example ..........

.............................  WHERE C506 EQ S SED DRY PPM$):
```

Note that only the underlined information is new to the previously given LIST command. Also, a new line of instructions should be started only after printing a comma (,), or a slash (/).

(4) After the entire command is completed, ending with a colon (:), and a question mark is received from the system, type:

MAP: (CR)

(5) At this point, a one or two-minute wait may be encountered. After receipt of another question mark, the report can be requested automatically any time.

(6) To request the same report (or any other data), the user must be in the ACCESS mode. To exit the DEFINE mode, entered in Step 2, type:

ACCESS: (CR)

(7) To request the S SED DRY PPM report automatically, type:

*C1234* (CR) or *SSD-1* (CR)

NOTE: When calling STRINGS (automatic reports) colon (:) should not be used.

If the LIST report is to include data from different disciplines, merged or aligned on specified data parameters or their ranges, Section 2.6 should be referenced.

Also, if automatic correlation analyses are to be performed on the extracted data, the following should be omitted from the LIST command:

(1) Omit F(nn) and footnote EXAMPLE
(2) Always use R(13) for first column of data
(3) Always used R(10) for other columns of data
(4) Omit B(n)
(5) Do not use column headings

## 2.6 Performing Correlation Analyses Within a Single Discipline

This section describes the method for correlating within a single discipline when it is not required that the data in one column be aligned with data in another. Section 2.7 describes the method for correlating data from two different disciplines or when alignment of data columns is required.

Determining the correlation between any data parameters from the same discipline is relatively easy when alignment of data in parallel columns is not necessary. This involves (1) retrieving the data to be correlated by using the LIST command, (2) saving the retrieved data on a separate file, and (3) instructing the system to perform the correlation analysis on the file. Such analysis provides linear correlation coefficients between the selected columns of data and the average, standard deviation, and variance values of each data column correlated.

The correlation analysis is limited to five data columns at a time when 10 or 30-CPS terminals are employed because of the width of paper on which the data and the coefficient matrix are printed.

To determine what degree of correlation exists between Total PCB (C508), 1254 Aroclor (C511), Total DDT (C516), Sus Sed mg/1 (C520), and Technical Clordane (C513) found in all S SED H20 PPT samples of the biochemistry discipline, for example, the steps are:

Step 1: After entering the UBSDS (Step 7, Section 2.1), select a unique name having not more than 9 characters for the file on which the data is to be extracted for correlation. It is suggested that the user's initials numerically incremented be used for these file names. (e.g., ARB1, ARB2, etc.).

It is important to note that when more than two but not more than five columns of data are to be extracted for correlation, each column (i.e., data parameter) may not contain the same number of data points (i.e., data values) as the others. The correlation analysis does not correlate entries where data is missing; thus, for a more accurate result, the columns should be arranged in order of the quantity of data in each column. For example, if *C508* vs *C511* vs *C513* vs *C516* vs *C520* for all S SED H20 PPT samples of biochemistry data are to be correlated, the parameters should be arranged (extracted) in sequence of the number of values in each column. To determine how many data values each parameter contains, type:

```
PRINT COUNT C508,COUNT C511,COUNT C513,COUNT C516,COUNT C520
 ------
? WHERE C506 EQ S SED H20 PPT:
 CNT 508* 57
 CNT 511* 57
 CNT 513* 40
 CNT 516* 40
 CNT 520* 54
 ------
?
```

Step 2: Once the magnitude of data of each parameter to be correlated is known, type:

REPORT FILE IS ARB1: (CR)

(The "ARB1" is a file name selected by the user.)

Step 3: After a question mark has been received, type a LIST command to retrieve and store the desired data on a file called ARB1, as in this example:

```
LIST/TITLE D(25)ARB1 CORR TEST 1,R(13),R(10),R(10),R(10),R(10)/
 ------
? C508,C511,C520,C516,C513,OB C502,C503 WH C506 EQ S SED H20 PPT:
 ------
```

Note that the above LIST command does not assign column headings; only the width of each column is indicated as by R(13) for the first column and R(10) for others. The sequence and identification of each column is specified on the second line of the above instruction. First column is C508 or Total PCB, containing 57 data values as determined in Step 1. The second column is C511 or 1254 Aroclor, containing also 57 data values. The third column is C520 or SUSPENDED SEDIMENT mg/1, containing 54 data values. The fourth column is C516 or Total DDT with 40 data values. And the fifth column is Technical Chlordane containing also 40 data values.

The data on the ARB1 file is ordered by station and within station by date (OB C502, C503). WH is the abbreviation of WHERE specifying which sample type data is to be correlated. In general, to the right of the WHERE specification, the methodology for retrieval of the data is identical to that of the PRINT or LIST commands explained in previous sections.

Step 4: After the LIST command has been entered and a question mark received, type:
EXIT: (CR)

Step 5: After receipt of READY, type:
SAVE, ARB1 (CR)

Note that outside of the data management system, commands should not end with a colon (:). ARB1 is a user-assigned file name containing only the retrieved data.

Step 6: If it is desired to obtain a listing of the actual data in the ARB 1 file, type:
LNH, F = ARB1 (CR)

Table 2-7 shows a part of the ARB1 FILE.

**TABLE 2-7. BIOCHEMISTRY "S SED H20 PPT" DATA EXTRACTED ON "ARB1" FILE**

ARB1
75/01/15.

◆◆◆

| | | | | |
|---|---|---|---|---|
| 30.0000 | 30.0000 | 42.57 | | |
| 57.0000 | 57.0000 | 42.70 | | |
| 28.0000 | 23.0000 | 35.03 | 6.8000 | 4.3000 |
| 1.6000 | 1.6000 | 11.30 | | |
| 2.0000 | 2.0000 | 14.86 | | |
| 5.8000 | 5.8000 | 9.58 | .2000 | 2.1000 |
| 11.0000 | 1.4000 | 16.73 | .4700 | 2.0000 |
| 8.7000 | 7.4000 | 24.87 | | |
| 17.0000 | 7.5000 | 19.86 | .2400 | .4800 |
| 7.8000 | 2.5000 | 9.53 | 1.8000 | 3.7000 |
| 18.0000 | 6.6000 | [illegible] | 2.9000 | |
| 25.0000 | [illegible] | [illegible] | [illegible] | |
| 8.5[illegible] | | | | |

Step 7: After a slash (/) or READY is received, type:
CLEAR (CR)
After another slash (/) or READY is received, type:
BATCH, 50000 (CR)
After a slash (/) or READY is received, type:
GET, ARB1 (CR)
And after a slash or READY (again), type:
-ANALYST (T=ARB1) (CR)

Step 8: Wait for the system to print NUMBER OF DATA COLUMNS TO BE RUN?, of which the question mark will be delayed a few seconds. After the question mark has been received, type the number of columns to be correlated. The user may first correlate the first two columns by typing 2 (CR), C508 vs C511, these being the columns having the greatest number of data points. Then by repeating Step 7 (above), another set of columns may be correlated. Table 2-8 shows all of the procedure steps and the correlation matrix of ARB1 file.

If all five columns of ARB1 file were to be correlated, the correlation coefficient matrix as shown in Table 2-8 is interpreted as follows:

| | C508 | C511 | C520 | C516 | C513 |
|---|---|---|---|---|---|
| C508 | 1 | vs | vs | vs | vs |
| C511 | | 1 | vs | vs | vs |
| C520 | | | 1 | vs | vs |
| C516 | | | | 1 | vs |
| C513 | | | | | 1 |

The correlation coefficients may range from 1.0 to -1.0, 1.0 indicating a perfect correlation, 0.0 indicating no correlation, and -1.0 indicating a perfectly negative correlation. A negative correlation may be interpreted as meaning that when values of one data parameter increase, the values of the other parameter decrease, the degree being indicated by the coefficient. Note that Technical Chlordane versus Total Suspended Sediment mg/1 (C513 vs C520) in Table 2-8 shows a coefficient 1.26229 E-3. The E-3 indicates that the decimal point is to be moved three spaces to the left, making the coefficient actually 0.00126229.

Step 9: After the correlation of the data of ARB1 is complete, delete the file by typing:
PURGE, ARB1 (CR)

To correlate another set of data, enter the data management system and repeat the correlation steps described above. If the analysis is completed, log-out by typing: BYE (CR).

## 2.7 Performing Multidisciplinary Correlation Analyses

Since it was not practicable to take the quantity, location, time, and depth of samples uniformly by all disciplines, arrangement or matching of data prior to correlation is necessary. This procedure involves (1) retrieving the data to be correlated for each discipline on a separate file (using LIST command), then (2) specifying how the retrieved data are to be matched and transcribed onto one file, and then (3) performing the analysis on the properly arranged data file. This methodology allows the user considerable flexibility in specifying arrangement of the data and the acceptable tolerance limits (ranges) if data of different disciplines do not correspond to the specified dimensions on which they are to be merged.

TABLE 2-8. PROCEDURE STEPS AND CORRELATION MATRIX WHEN MATCHING OF DATA IS NOT REQUIRED

```
? REPORT FILE IS ARB1:
 ------
? LIST/TITLE D(25)ARB1 CORR TEST1,R(13),R(10),R(10),R(10),R(10)/
 ------
? C508,C511,C520,C516,C513,OB C502,C503 WH C506 EQ S SED H20 PPT:
 ------
? EXIT:
          END SYSTEM 2000
SWCE  SY04              2.876
/SAVE,ARB1
/CLEAR
/BATCH,50000
$RFL,50000.
/GET,ARB1
/--ANALYST(T=ARB1)
NUMBER OF DATA COLUMNS TO BE RUN
? 2
VARIABLE          MEAN          VARIANCE       STD. DEV.
 1               11.2114        141.705         11.904
 2               6.03821        91.9476         9.58893

THE CORRELATION MATRIX

 1                .824544

                  1.


/CLEAR
/BATCH,50000
$RFL,50000.
/GET,ARB1
/--ANALYST(T=ARB1)
NUMBER OF DATA COLUMNS TO BE RUN
? 5
VARIABLE          MEAN          VARIANCE       STD. DEV.
 1               9.61029        117.351         10.8329
 2               3.65818        35.0354         5.91907
 3               10.4838        111.487         10.5587
 4               1.11288        3.63312         1.90607
 5               2.18259        10.9021         3.30183

THE CORRELATION MATRIX

 1.               .857352        .278957         .145141         .817763

                  1              .285562         .30589          .742705

                                 1.              .206747         1.26229E-3

                                                 1.              .234136

                                                                 1
```

The procedure described below for matching data and formatting files is purposely more extensive than required to provide users with additional file manipulation capability for other analyses or presentations of data. Also, the methodology has potential for enhanced capabilities to simplify yet more the users' instructions and to merge more than two files simultaneously. The procedure described below can be used to generate any interdisciplinary data report or to create a data file for correlation analyses between different groupings of data.

For example, one could correlate biochemistry data TOTAL PCB of PLANK H20 PPT samples vs TOTAL PCB of PLANK WET PPM samples vs marine biology data BIOMS DISPL VOL ML/M3 vs BIOMS WET WEIGHT MG/M3 vs BIOMS DRY WEIGHT MG/M3 of zooplankton samples.
In other words,

*C508* (PLANK H20 PPT type samples)
vs
*C508* (PLANK WET PPM type samples)
vs
*C713* (ZOOPLANKTN type samples)
vs
*C714* (ZOOPLANKTN type samples)
vs
*C715* (ZOOPLANKTN type samples)

Step 1 (Optional): Prior to retrieval of data from the data base, one should determine first the volume of data to be correlated. To determine the volume of data points, after entering the data base (Section 2.1, Step 7) type:

```
PRINT COUNT C508 WHERE C506 EQ PLANK H20 PPT:
 CNT 508♦ 43
 ------
? PRINT COUNT C508 WHERE C506 EQ PLANK WET PPM:
 CNT 508♦ 44
 ------
? PRINT COUNT C713,COUNT C714,COUNT C715 WHERE C701 EQ ZOOPLANKTN:
 CNT 713♦ 52
 CNT 714♦ 51
 CNT 715♦ 51
 ------
?
```

The above answers indicate the number of data points available for correlation. Note that three instructions are required, since data parameters involve three different types of samples (data groups). For interpretation of component numbers, see the data base definition (Section 1.5).

Step 2: This involves retrieving the data on separate files to be merged later according to specified parameters. Initial retrieval should include the identification parameters on which the data is to be merged or aligned (e.g., station code, date, time, depth, etc.). Other parameters can be extracted at this time. However, since the limiting factor is the width of paper on which the file is to be printed, one should not exceed 72 characters including the blank spaces between columns. (There are large printers that can handle up to 129 characters.) To retrieve total PCB of PLANK H20 PPT samples, the previously explained LIST command should be used, before which type:

(a) REPORT FILE IS ARB10A: (CR)
Wait for a question mark. (ARB10A is file name selected by the user. Limit this file name to six alphanumeric characters.) Then type the LIST command:
(b)

```
? LIST/TITLE D(30)PCB OF PLANK H2O PPT FILE--A,R(5)STATN,R(10)DATE,
 ------
? R(4)TIME,R(5)DEPTH,R(8)TOTAL PCB,R(8)TOTAL DDT,R(8)TECH CHL/
 ------
? C502,C503,C504,C505,C508,C516,C513,DB C502,C503 WHERE
 ------
? C506 EQ PLANK H2O PPT:
 ------
```

NOTE: Do not use the F(n) specification and do not make any column wider than 10 characters. In all other respects, the user has complete flexibility of the LIST command to retrieve data.
(c) EXIT: (CR)
Wait for slash (/) or READY.
(d) SAVE, ARB10A (CR)
To list the file, type:
(e) LNH, F = ARB10A (CR) Table 2-9 shows a partial listing of ARB10A file.

NOTE: If the file is too long to be listed in its entirety, press / key after obtaining a few data entries. The system will print "*INTERRUPTED*", then type *STOP* (CR). Wait for the system to print READY, then continue as outlined.
(f) -UBS (CR) to enter UBSDB.

Step 3: After entering UBSDB, to retrieve PLANK WET PPM data type:
(a) REPORT FILE IS ARB10B: (CR)
Wait for a question mark, then type the LIST command:
(b)

```
? LIST/TITLE D(30)PCB OF PLANK WET PPM FILE--B,R(5)STATN,R(10)DATE,
 ------
? R(4)TIME,R(5)DEPTH,R(8)TOTAL PCB,R(8)TOTAL DDT,R(8)TECH CHL/
 ------
? C502,C503,C504,C505,C508,C516,C513,DB C502,C503 WHERE
 ------
? C506 EQ PLANK WET PPM:
```

Wait for the question mark, then type:
(c) EXIT: (CR)
Wait for READY.
(d) SAVE, ARB10B (CR)
Wait for the slash (/) or "READY".
(e) LNH, F=ARB10B (CR)
To list the file. Table 2-10 shows a partial listing of ARB10B file.
(f) -UBS (CR) To enter UBSDB.

Step 4: After entering UBSDB again, retrieve marine biology data by typing:
(a) REPORT FILE IS ARB10C: (CR)
Wait for a question mark. Then type the LIST command

TABLE 2-9. PARTIAL LISTING AND FORMATTING OF FILE ARB10A (INPUT FILE)

PCB OF PLANK H2O PPT FILE--A

75/01/22.

| STATN | | DATE | | TIME | | DEPTH | | TOTAL PCB | | TOTAL DDT | | TECH CHL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *** | | | | | | | | | | | | |
| 01A | | 12/13/1973 | | | | | | .3600 | | .0000 | | .0000 |
| 01A | | 01/24/1974 | | | | | | 1.7000 | | .2100 | | .0000 |
| 01A | | 03/21/1974 | | | | | | .1500 | | .0000 | | .0000 |
| 01A | | 05/03/1974 | | | | | | .0670 | | .8300 | | .7100 |
| 01A | | 06/13/1974 | | | | | | .0000 | | .2200 | | .0000 |
| 03B | | 03/21/1974 | | | | | | .1600 | | .0000 | | .0000 |
| 03B | | 05/03/1974 | | | | | | 16.0000 | | 9.6000 | | 14.0000 |
| 03B | | 06/ | | | | | | | | | | |
| 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 |
| A8 | X3 | A10 | X3 | I4 | X3 | F5.1 | X3 | F9.4 | X3 | F9.4 | X3 | F8.4 |

A = Alphanumeric data characters

X = Blank spaces

I = Integers

F = Decimal

TABLE 2-10. PARTIAL LISTING AND FORMATTING OF FILE ARB10B (INPUT FILE)

PCB OF PLANK WET PPM FILE--B

75/01/22.

| STATN | DATE | TIME | DEPTH | TOTAL PCB | TOTAL DDT | TECH CHL |
|---|---|---|---|---|---|---|
| ◆◆◆ | | | | | | |
| 01A | 12/13/1973 | | | 7.5000 | .0000 | .0000 |
| 01A | 01/24/1974 | | | .0900 | .0120 | .0000 |
| 01A | 03/21/1974 | | | 5.6000 | .0000 | .0000 |
| 01A | 05/03/1974 | | | .0061 | .0750 | .0650 |
| 01A | 06/13/1974 | | | .0000 | 4.2000 | .0000 |
| 03B | 03/21/1974 | | | 7.2000 | .0000 | .0000 |
| 03B | 05/03/1974 | | | .3700 | .1700 | .3200 |
| 03B | 06/13/1974 | | | .2300 | .0210 | .0000 |
| 05A | | | | | | |

| 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A8 | X3 | A10 | X3 | I4 | X3 | A5.1 | X3 | F9.4 | X3 | F9.4 | X3 | F8.4 |

A = Alphanumeric data characters

X = Blank spaces

I = Integer

F = Decimal

(b)

```
? LIST/TITLE D(30)MARINE BIOLOGY FILE--C,R(5)STATN,R(10)DATE,R(4)TIME,
 ------
? R(7)DEPTH R,R8+(6)C713,R(6)C714,R(6)C715/
 ------
? C702,C705,C706,C711,C713,C714,C715,OB C702,C705 WHERE
 ------
? C701 EQ ZOOPLANKTN:
```

Wait for the question mark, then type:
(c) EXIT: (CR)
Wait for READY.
(d) SAVE, ARB10C (CR)
Wait for slash (/) or READY.
(e) LNH, F = ARB10C (CR)
Table 2-11 shows a partial listing of ARB10C file. Save the listings of the files. Note that once the file is saved, as shown in Steps 2 (d), 3 (d), and 4 (d), it can be called (outside SYSTEM-2000®) and listed anytime by typing, for example:
GET, ARB10C (CR) then LNH,F=ARB10C (CR).

Step 5: Once the data for correlation are extracted and saved in separate files ARB10A, ARB10B, and ARB10C, the format of these files and the format of the new files on which the data is to be merged (sorted) must be specified.
Tables 2-9 through 2-11 show how to determine the formats of the extracted files. Table 2-12 shows how to format new files on which data is to be merged for a report file or to format a file to be used for automatic correlation. If data files are merged for correlation, the new file should not include column headings, and each data column should be separated by at least three blank spaces. The first data column also should be preceded by three asterisks (***). The asterisks are inserted automatically as explained in the examples.

EXAMPLE:
The procedural steps to merge ARB10A data in one file. "ARB10T", properly aligned by station and date, are given below: (The subsequent commands are not SYSTEM-2000®, type EXIT: (CR) if operating in SYSTEM-2000.)®

(a) CLEAR (CR)
Wait for the system to print FILE NAME, then press carriage return key (CR).
(b) (CR)
Wait for the system to print ILLEGAL PARAMETER, then type:
(c) NEW, ARB1 (CR)
Wait for the system to print a slash (/) or READY, then type: (ARB1 is user-assigned command file name on which all the merge instructions and the format of ARB10T file will be recorded.)
(d) TEXT (CR)
Wait for the system to print ENTER TEXT MODE, then type:
(e) $INPUT$ (CR)
In TEXT MODE, there is no response from the system; continue typing in sequence (see Table 2-13):
A=ARB10A (CR)
Input file name. A to Z program identification letters for corresponding file names.
13 (CR)
Total number of columns in file ARB10A or file A (see Table 2-9).
01A8 (CR)
01 is the first column of file A. A8 is data type and column width (characters).
X = Blank spaces (no data).

**TABLE 2-11. PARTIAL LISTING AND FORMATTING OF FILE ARB10C (INPUT FILE)**

MARINE BIOLOGY FILE-C
75/01/22.

| STATN | DATE | TIME | DEPTH R | C713 | C714 | C715 |
|---|---|---|---|---|---|---|
| *** | | | | | | |
| 001 | 11/25/1974 | 1020 | 00..03 | | | |
| 002 | 11/25/1974 | 1155 | 00..08 | | | |
| 003 | 11/25/1974 | | 00..09 | | | |
| 005 | 11/25/1974 | 1515 | 00..05 | | | |
| 01A | 12/13/1973 | 1410 | 0..08 | 126.98 | 50.98 | 20.499 |
| 01A | 01/24/1974 | 1400 | 0..24 | 123.84 | 137.09 | 47.183 |
| 01A | 03/21/1974 | 1310 | 0..06 | 18.30 | 21.13 | 2.745 |
| 01A | 05/03/1974 | 1200 | 0---05 | 28.57 | 11.81 | 1.810 |
| 01A | 06/13/1974 | 1346 | 0---10 | 29.94 | 55.39 | 3.952 |
| 01A | 08/10/1974 | 1145 | 0---04 | | | |
| 01A | 09/20/1974 | 1047 | 00..16 | | | |
| 01A | 12/18/1974 | 1210 | 00..10 | | | |
| 03B | 01/24/1974 | 1610 | 0..09 | 38.43 | 33.97 | 7.480 |
| 03B | 03/21/1974 | 1430 | 0..05 | 33.83 | 29.21 | 6.653 |
| 03B | 05/03/1974 | 1010 | 0---03 | 55.08 | 62.38 | 7.573 |
| 03B | 06/13/[illegible] | | | [illegible] | 8.52 | [illegible] |
| 03B | | | | | | |
| [illegible] | | | | | | |

| 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A8 | X3 | A10 | X3 | I4 | X3 | A7 | X3 | F6.2 | X3 | F6.2 | X3 | F6.3 |

A = Alphanumeric characters

X = Blank spaces

I = Integer

F = Decimal

TABLE 2-12. FORMATTING THE RETRIEVED AND NEW FILES TO BE MERGED

ARB10A FILE (PLANK H2O PPT)

| *** STATN | | DATE | | TIME | | DEPTH | | TOTAL PCB | | TOTAL DDT | | TECH CHL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 |
| A8 | X3 | A10 | X3 | I4 | X3 | A5.1 | X3 | F9.4 | X3 | F9.4 | X3 | F8.4 |

"A"

ARB10B FILE (PLANK WET PPM)

| *** STATN | | DATE | | TIME | | DEPTH | | TOTAL PCB | | TOTAL DDT | | TECH CHL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 |
| A8 | X3 | A10 | X3 | I4 | X3 | A5.1 | X3 | F9.4 | X3 | F9.4 | X3 | F8.4 |

"B"

ARB10T FILE (PLANK H2O PPT) (PLANK WET PPM)

| *** STATN | | DATE | | TIME | | DEPTH | | TOTAL PCB | | TOTAL PCB | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 |
| A8 | X3 | A10 | X3 | I4 | X3 | A5.1 | X3 | F9.4 | X3 | F9.4 | X3 | F8.4 |

"T"

ARB10C FILE

| *** STATN | | DATE | | TIME | | DEPTH R | | C713 | | C714 | | C715 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 |
| A8 | X3 | A10 | X3 | I4 | X3 | A7 | X3 | F6.2 | X3 | F6.2 | X3 | F6.2 |

"C"

ARB10D FILE

| *** | (C508 WET) | | (C508 H2O) | | (C713) | | (C714) | | (C715) | |
|---|---|---|---|---|---|---|---|---|---|---|
| 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | |
| X7 | F9.4 | X4 | F9.4 | X7 | F6.2 | X7 | F6.2 | X7 | F6.2 | |

"D"

| *** X6 | DATA - 1 | X3 | DATA - 2 | X3 | DATA - 3 | X3 | DATA - 4 | X3 | DATA - 5 |
|---|---|---|---|---|---|---|---|---|---|

MINIMUM SPACING AND MAXIMUM DATA FIELDS OF A FILE FOR AUTOMATIC CORRELATION

TABLE 2-13. COMPLETE INSTRUCTIONS TO CREATE ARB10T FILE

```
? EXIT:
          END SYSTEM 2000
READY.
CLEAR
FILE NAME:
ILLEGAL PARAMETER.

NEW,ARB1
READY.
TEXT
ENTER TEXT MODE.

$INPUT$
A=ARB10A
13
01A8
02X3
03A10
04X3
05I4
06X3
07F5.1
08X3
09F9.4
10X3
11F9.4
12X3
13F8.4
B=ARB10B
13
01A8
02X3
03A10
04X3
05I4
06X3
07F5.1
08X3
09F9.4
10X3
11F9.4
12X3
13F8.4
$OUTPUT$
T=ARB10T
13          HEAD
01A8
02X3
03A10
04X3
05I4
06X3
07F5.1
08X3
09F9.4
10X3
11F9.4
12X3
13F8.4
$CONDITION1
(A01.NE.10H            ).AND.;
(A01.EQ.B01).AND.;
(A03.EQ.B03)$
$COPYORDER1
T01=A01;
T03=A03;
T09=A09;
T11=B09$
$EXECUTE$
EXIT TEXT MODE.
PACK,ARB1
READY.
SAVE,ARB1
READY.
LNH,F=ARB1   (OPTIONAL)

CLEAR
READY.

ILLEGAL COMMAND.

BATCH,100000
$RFL,100000.
/GET,ARB10A
/GET,ARB10B
/GET,XCTRL=ARB1
/--XCOLMRG
EXIT.
/REWIND,ARB10T
$REWIND,ARB10T.
/SAVE,ARB10T
/LNH,F=ARB10T
```

| | | |
|---|---|---|
| 02X3 | (CR) | A = Alphanumeric text |
| 03A10 | (CR) | I = Integer number |
| 04X3 | (CR) | F = Decimal |
| 0514 | (CR) | *IMPORTANT NOTE* |
| 06X3 | (CR) | ● The one or two-digit number following the letter |
| 07F5.1 | (CR) | indicates the total width of the column in characters (01 to 99). |
| 08X3 | (CR) | |
| 09F9.4 | (CR) | |
| 10X3 | (CR) | ● The one or two-digit number following the |
| 11F9.4 | (CR) | decimal point (for F type only) indicates |
| 12X3 | (CR) | the number of digits to the right |
| 13F8.4 | (CR) | of the decimal point. |
| | | ● The I and F types need only be used when the column will be subjected to a matching expression which uses .GT. or .GE. or =LT. or.IE.. |
| | | ● The column width for type A should not be greater than ten characters. |

After the format of the first input file A is defined, continue defining the second input file ARB10B. (See Table 2-10.)

| | | |
|---|---|---|
| B=ARB10B | (CR) | Format of second input file. |
| 13 | (CR) | If this file had only 4 columns instead of 14, 04 should be used ... not 4. |
| 01A8 | (CR) | |
| 02X3 | (CR) | |
| 03A10 | (CR) | |
| 04X3 | (CR) | |
| 05I4 | (CR) | |
| 06X3 | (CR) | |
| 07F5.1 | (CR) | |
| 08X3 | (CR) | |
| 09F9.4 | (CR) | |
| 10X3 | (CR) | |
| 11F9.4 | (CR) | |
| 12X3 | (CR) | |
| 13F8.4 | (CR) | |

After the formats of both input files have been defined, the desired output file, ARB10T, must be specified: (See Table 2-12.)

| | | |
|---|---|---|
| $OUTPUT$ | (CR) | |
| T=ARB10T | (CR) | |
| 13△△△△△△△△ | HEAD(CR) | 13 indicates the number of columns in ARB10T or T file. (See Table 2-12.) △ = spaces, HEAD inserts the three asterisks (***) automatically. |
| 01X8 | (CR) | |
| 02X3 | (CR) | |
| 03A10 | (CR) | Format of output T from Table 2-12. |
| 04X3 | (CR) | |
| 0514 | (CR) | |
| 06X3 | (CR) | |
| 07F5.1 | (CR) | The user has the option to specify spacing and column widths |
| 08X3 | (CR) | of the output file. |
| 09F9.4 | (CR) | |
| 10X3 | (CR) | |
| 11F9.4 | (CR) | |
| 12X3 | (CR) | |
| 13F8.4 | (CR) | |

Note that headings of each data column in file T are desired, the header can be entered for each corresponding column, for example, as follows:

```
02F9.4        PCB     H20(CR)
```

However, these column headings must start ten characters to the left from Column 1. In other words, the first ten spaces are reserved for the file format specification. Also the column heading should not exceed the data column width. In the example above, the second column 02 could have a heading nine characters long.

After the format of the output file T is defined, the matching (sorting) conditions of data must be specified, as follows:

```
$CONDITION1 (CR)
(A01.NE.10H△△△△△△△△△△) .AND.; (CR)
```

The above instruction specifies that the first data column 01 of file A should not be equal (.NE.) to blanks. 10H followed by ten blank spaces (denoted by 10 deltas) is used to bypass missing data from file A when matching data. This condition should always be used as indicated above.

```
(A01.EQ.B01) .AND.; (CR)
(A03.EQ.B03)$
```

This instruction specifies that the first column of a line from file A is to be equal to the first column of a line from file B, and the third column of a line from file A also is to be equal to the third column of a line from file B. In other words, the station code and date must match in both files A and B.

OPTIONAL:

If the data were to be matched also on TIME Column 05, File A and Column 05, File B, the condition specification would be as follows:

```
$CONDITION1
(A01.NE.10H△△△△△△△△△△) .AND.;
(A01.EQ.B01) .AND.;
(A03.EQ.B03) .AND.;
(A05.EQ.B05)$
```

OPTIONAL:

If the TIME, recorded on a 2400-hour clock, were also to be assigned a range limit of ±2 hours, the specification would be as follows:

```
$CONDITION1
(A01.NE.10H△△△△△△△△△△) .AND.;
(A01.EQ.B01) .AND.;
(A03.EQ.B03) .AND.;
(A05.GE.A05-200) .AND.;
(A05.LE.A05+200)$
```

Note that actual FORTRAN IV statements can be used in any CONDITION specifications. If DATE were to contain a range limit also, the DATE column should be divided into separate MM, DD, and YY subcolumns, and the ranges should be assigned to those columns. When retrieving data files using REPORT WRITER instead of a LIST command, division of DATE field is not necessary.

After the merge conditions are indicated, the COPYORDER must be specified to indicate from which input files the data is to be moved to the output file.

```
$COPYORDER1   (CR)
T01=A01;      (CR)
T03=A03;      (CR)
T09=A09:      (CR)
T11=B09$      (CR)
$EXECUTE$
```

T01=A01 data of file T, column 01 is obtained from file A, column 01.

After the copy order is specified ending with $EXECUTE$, press the CONTROL and C keys simultaneously.

(CTRL) and (C) keys simultaneously, wait for the system to print EXIT TEST MODE., then type:

PACK, ARB1 (CR) Wait for the system to print READY, then type:

SAVE, ARB1 (CR) Wait for the system to print READY or /. To obtain a listing of the entire ARB1 specification program file, type:

LNH,F=ARB1 (CR)

To execute the ARB1 file and to obtain the merged T file, type:

CLEAR (CR)

Wait for the system to print FILE NAME:, then press the carriage return key.

(CR)

Wait for the system to print ILLEGAL PARAMETER, then type:

BATCH, 100000 (CR)

Wait for the system to respond $RL,100000., then type:

GET, ARB10A (CR)

Wait for /, then type:

GET, ARB10B (CR)

Wait for /, then type:

GET, XCTRL = ARB1(CR)

Wait for /, then type:

-XCOLMRG (CR)

This instruction will activate the merge program ARB1 and will create the output file ARB10T. Wait for the system to print EXIT; there may be a one or two-minute delay. This indicates that the program has been executed; then type:

REWIND, ARB10T (CR)

SAVE, ARB10T (CR)

To obtain a listing of ARB10T, type;

LNH, F=ARB10T (CR)

An example of this file containing Station, Date, Total PCB of Plankton, H20 PPT, and total PCB of Plankton Wet PPM samples is shown in Table 2-14.

An example of this file containing Station, Date, Total PCB of Plankton, H20 PPT, and Total PCB of Plankton Wet PPM samples is shown in Table 2-14.

In merging ARB10T with File ARB10C in order to obtain File ARB10D to be used for correlation, the procedure is similar to Step 5. However, a new ARB (merge command) file must be specified. Table 2-15 shows all the steps and instructions required to create the ARB command file and to obtain the merged ARB10D file. Exhibit 2-16 shows a listing of the ARB10D file.

Step 6: To correlate the data file ARB10D, type:

CLEAR (CR)

Wait for the system to print FILE NAME., then press (CR) key

(CR)

Wait for the system to print ILLEGAL PARAMETER., then type:

BATCH, 50000 (CR)

After a slash (/) or READY, type:

GET, ARB10D (CR)

After a slash again, type:

-ANALYST (T=ARB10D) (CR)

(Follow the same instructions as given in Step 8 on page 2-29.)

The correlation matrix of ARB10D file is shown in Figure 2-17.

TABLE 2-14. LISTING OF ARB10T FILE, CREATED FROM ARB10A AND ARB10B FILES

***

| | | | | | | |
|---|---|---|---|---|---|---|
| 01A | 12/13/1973 | 0 | 0.0 | .3600 | 7.5000 | 0.0000 |
| 01A | 01/24/1974 | 0 | 0.0 | 1.7000 | .0900 | 0.0000 |
| 01A | 03/21/1974 | 0 | 0.0 | .1500 | 5.6000 | 0.0000 |
| 01A | 05/03/1974 | 0 | 0.0 | .0670 | .0061 | 0.0000 |
| 01A | 06/13/1974 | 0 | 0.0 | 0.0000 | 0.0000 | 0.0000 |
| 03B | 03/21/1974 | 0 | 0.0 | .1600 | 7.2000 | 0.0000 |
| 03B | 05/03/1974 | 0 | 0.0 | 16.0000 | .3700 | 0.0000 |
| 03B | 06/13/1974 | 0 | 0.0 | 2.1000 | .2300 | 0.0000 |
| 05A | 12/13/1973 | 0 | 0.0 | .1500 | 1.8000 | 0.0000 |
| 05A | 01/24/1974 | 0 | 0.0 | .0120 | .9600 | 0.0000 |
| 05A | 03/21/1974 | 0 | 0.0 | 9.1000 | .4100 | 0.0000 |
| 05A | 05/03/1974 | 0 | 0.0 | .5300 | .0330 | 0.0000 |
| 05B | 01/24/1974 | 0 | 0.0 | .0025 | .3400 | 0.0000 |
| 05B | 03/21/1974 | 0 | 0.0 | 27.0000 | .0730 | 0.0000 |
| 05B | 05/03/1974 | 0 | 0.0 | 2.7000 | .1200 | 0.0000 |
| 07A | 12/14/1973 | 0 | 0.0 | 1.3000 | 1.2000 | 0.0000 |
| 07A | 01/23/1974 | 0 | 0.0 | .0120 | .0250 | 0.0000 |
| 07A | 06/11/1974 | 0 | 0.0 | 2.8000 | .0710 | 0.0000 |
| 07B | 05/01/1974 | 0 | 0.0 | 9.9000 | .1700 | 0.0000 |
| 07B | 06/11/1974 | 0 | 0.0 | 5.6000 | .4600 | 0.0000 |
| 08A | 12/14/1973 | 0 | 0.0 | .0170 | .2700 | 0.0000 |
| 08B | 01/24/1974 | 0 | 0.0 | .0180 | .4900 | 0.0000 |
| 08B | 05/02/1974 | 0 | 0.0 | .0740 | .0360 | 0.0000 |
| 08B | 06/13/1974 | 0 | 0.0 | 2.1000 | .5200 | 0.0000 |
| 08C | 01/24/1974 | 0 | 0.0 | 6.4000 | .1900 | 0.0000 |
| 08C | 05/02/1974 | 0 | 0.0 | .1400 | .1700 | 0.0000 |
| 08C | 06/12/1974 | 0 | 0.0 | .0001 | .0290 | 0.0000 |
| 09A | 12/14/1973 | 0 | 0.0 | .1000 | .9000 | 0.0000 |
| 09A | 01/17/1974 | 0 | 0.0 | 2.9000 | .0250 | 0.0000 |
| 09B | 01/17/1974 | 0 | 0.0 | .0400 | .0880 | 0.0000 |
| 09C | 01/17/1974 | 0 | 0.0 | 7.3000 | .0220 | 0.0000 |
| 10B | 12/12/1973 | 0 | 0.0 | .0320 | .3100 | 0.0000 |
| 10B | 01/23/1974 | 0 | 0.0 | .0090 | .1600 | 0.0000 |
| 10B | 03/20/1974 | 0 | 0.0 | 36.0000 | .1200 | 0.0000 |
| 10B | 05/02/1974 | 0 | 0.0 | .0880 | .0440 | 0.0000 |
| 10B | 06/12/1974 | 0 | 0.0 | .1400 | .0071 | 0.0000 |
| 11A | 12/12/1973 | 0 | 0.0 | .1500 | .1100 | 0.0000 |
| 11A | 01/23/1974 | 0 | 0.0 | .0093 | .0790 | 0.0000 |
| 11A | 05/02/1974 | 0 | 0.0 | .8400 | .1100 | 0.0000 |
| 11C | 01/23/1974 | 0 | 0.0 | .1100 | .0006 | 0.0000 |
| 11C | 05/02/1974 | 0 | 0.0 | .1200 | .0110 | 0.0000 |
| 11C | 06/12/1974 | 0 | 0.0 | .0360 | .0180 | 0.0000 |
| 11D | 05/01/1974 | 0 | 0.0 | 2.0000 | .0220 | 0.0000 |

END OF INFORMATION ENCOUNTERED.

TABLE 2-15. COMPLETE INSTRUCTIONS TO CREATE ARB10D FILE

```
CLEAR
/
 ILLEGAL CONTROL CARD.
/NEW,ARB2
/TEXT
ENTER TEXT MODE.

$INPUT$
T=ARB10T
13
01A8
02X3
03A10
04X3
05I4
06X3
07F5.1
08X3
09F9.4
10X3
11F9.4
12X3
13F8.4
C=ARB10C
13
01A8
02X3
03A10
04X3
05I4
06X3
07A7
08X3
09F6.2
10X3
11F6.2
12X3
13F6.2
$OUTPUT$
D=ARB10D
10          HEAD
01X7
02F9.4
03X4
04F9.4
05X7
06F6.2
07X7
08F6.2
09X7
10F6.2
$CONDITION1
(C01.NE.10H                    ).AND.;
(T01.EQ.C01).AND.;
(T03.EQ.C03)$
$COPYORDER1
D02=T09;
D04=T11;
D06=C09;
D08=C11;
D10=C13$
$EXECUTE$     (CR)
              CONTROL + Z"

EXIT TEXT MODE.
REWIND,ARB2
$REWIND,ARB2.
/PACK,ARB2
 PACK COMPLETE.
/SAVE,ARB2
/LNH,F=ARB2     (OPTIONAL)

CLEAR
ILLEGAL PARAMETER.

BATCH,100000
$RFL,100000.
/GET,ARB10T
/GET,ARB10C
/GET,XCTRL=ARB2
/-XCOLMRG
EXIT.
REWIND,ARB10D
$REWIND,ARB10D
/PACK,ARB10D
 PACK COMPLETE.
/SAVE,ARB10D
/LNH,F=ARB10D
```

## TABLE 2-16. DATA OF ARB10D FILE IN CORRELATION FORMAT

/LNH,F=ARB10D

| (C508 PLANK H2O) | (C508 PLANK WET) | (C713) | (C714) | (C715) |
|---|---|---|---|---|
| *** | | | | |
| .3600 | 7.5000 | 126.98 | 50.98 | 20.50 |
| 1.7000 | .0900 | 123.84 | 137.09 | 47.18 |
| .1500 | 5.6000 | 18.30 | 21.13 | 2.75 |
| .0670 | .0061 | 28.57 | 11.81 | 1.81 |
| 0.0000 | 0.0000 | 29.94 | 55.39 | 3.95 |
| .1600 | 7.2000 | 33.83 | 29.21 | 6.65 |
| 16.0000 | .3700 | 55.08 | 62.38 | 7.57 |
| 2.1000 | .2300 | 20.88 | 8.52 | 1.21 |
| .1500 | 1.8000 | 110.66 | 80.32 | 9.50 |
| .0120 | .9600 | 14.34 | 11.89 | 1.71 |
| 9.1000 | .4100 | 97.56 | 84.93 | 9.07 |
| .5300 | .0330 | 32.29 | 15.71 | 1.76 |
| .0025 | .3400 | 8.09 | 7.91 | .96 |
| 27.0000 | .0730 | 433.18 | 365.05 | 40.96 |
| 2.7000 | .1200 | 16.50 | 22.14 | 2.68 |
| 1.3000 | 1.2000 | 73.55 | 990.97 | 47.41 |
| .0120 | .0250 | 467.11 | 476.93 | 59.60 |
| 2.8000 | .0710 | 55.46 | 36.81 | 6.66 |
| 9.9000 | .1700 | 97.72 | 55.70 | 8.40 |
| 5.6000 | .4600 | 16.78 | 11.75 | 2.01 |
| .0170 | .2700 | 173.29 | 65.42 | 1.30 |
| .0180 | .4900 | 36.23 | 39.41 | 5.63 |
| .0740 | .0360 | 9.02 | 1.92 | .20 |
| 6.4000 | .1900 | 26.32 | 21.28 | 2.81 |
| .1400 | .1700 | 6.70 | .80 | .07 |
| .0001 | .0290 | 13.36 | 4.14 | .27 |
| .1000 | .9000 | 243.06 | 115.14 | 16.53 |
| 2.9000 | .0250 | 121.56 | 118.06 | 15.65 |
| .0400 | .0880 | 491.68 | 434.73 | 6.68 |
| 7.3000 | .0220 | 109.16 | 248.42 | 41.64 |
| .0320 | .3100 | 133.81 | 99.59 | 13.09 |
| .0090 | .1600 | 69.26 | 59.70 | 8.80 |
| 36.0000 | .1200 | 290.49 | 284.39 | 38.64 |
| .0880 | .0440 | 6.05 | 1.60 | .18 |
| .1400 | .0071 | 49.13 | 20.49 | .53 |
| .1500 | .1100 | 158.29 | 128.34 | 17.14 |
| .0093 | .0790 | 120.22 | 121.02 | 15.01 |
| .8400 | .1100 | 25.71 | 7.56 | .77 |
| .1100 | .0006 | 200.58 | 164.47 | 23.61 |
| .1200 | .0110 | 18.52 | 9.11 | 1.15 |
| .0360 | .0180 | 3.31 | 1.57 | .13 |
| 2.0000 | .0220 | 198.90 | 86.41 | 12.16 |

END OF INFORMATION ENCOUNTERED.

## TABLE 2-17. INSTRUCTIONS AND CORRELATION MATRIX OF ARB10D FILE

```
CLEAR
FILE NAME:
ILLEGAL PARAMETER.

--ANALYST(T=ARB10D)
NUMBER OF DATA COLUMNS TO BE RUN
? 5
VARIABLE                MEAN          VARIANCE      STD. DEV.
 1 = C508 PLANK H2O     3.24207       53.2635       7.29819
 2 = C508 PLANK WET     .711186       3.07136       1.75253
 3 = C713               103.936       15161.6       123.132
 4 = C714               108.814       32665.2       180.735
 5 = C715               12.0079       239.255       15.4679

THE CORRELATION MATRIX                                NOTE: -[illegible] = -.0510541
```

| | (1) | (2) | (3) | (4) | (5) |
|---|---|---|---|---|---|
| (1) | 1. | --.128095 | .361641 | .221327 | .376528 |
| (2) | | 1. | --.100556 | --5.90511E--2 | --1.16358E--2 |
| (3) | | | 1. | .568035 | .625751 |
| (4) | | | | 1. | .746099 |
| (5) | | | | | 1. |

Variable 1 (first data column) is Total PCB (PLANK H20 PPT)
Variable 2 (second data column) is Total PCB (PLANK WET PPM)
Variable 3 (third data column) is C713 (ZOOPLANKTN samples)
Variable 4 (fourth data column) is C714 (ZOOPLANKTN samples)
Variable 5 (fifth data column) is C715 (ZOOPLANKTN samples)

Step 7; After the data has been obtained or analyzed, all created files must be purged. To purge the file, type:
BATCH, 50000 (CR)
Then type:
PURGE, ARB10C, ARB10B, ARB10C, ARB10T (CR)
PURGE, ARB10D, ARB1, ARB2 (CR)
Then type:
BYE. (CR)

# 3. CONCLUSION AND RECOMMENDATIONS

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The Upper Bay Survey Data Base System was a useful and efficient tool for managing, analyzing, and presenting the many kinds of data collected during the survey, the laboratory analyses, the report writing, and the culmination of the project. It has the potential of serving yet broader and more useful purposes as a tool for natural resource management. The first significant limitation encountered was the inevitable lag after field sampling until the analyses were completed and the data points entered in the base.

The Upper Bay Survey Data Base System demands the data be in the correct format prior to its entry into the system. All incorrect data entries are automatically rejected if a data field does not adhere to specification. This requirement is perhaps the biggest limitation of the system, especially when previously created data files which contain many errors and deviations from their specified format are to be entered into the data base. In this case their data master files must be thoroughly screened and all errors must be corrected before they can be entered in the system.

In general, the Upper Bay Survey Data Base met with a high degree of success in achieving the objectives as stated in the proposal and incorporated in the contract. These objectives for the project's automated data processing operations were to:

- Plan, design, and operate an automated data handling system.
- Coordinate and conduct the collection and assembly of all data to be stored and/or processed by computers.
- Provide for storage and rapid retrieval of data for study participants.
- Provide data manipulation, statistical analyses, and correlation capability for study participants.

The data base's management feature facilitated the quick retrieval of any portion of the data and provided an inexpensive method of storing these data when not in use. The data base is easily updated with new data and expanded to provide for new data parameters. In the course of the project, it was demonstrated that it was possible to enter new data items into the system with ease as soon as they became available and to retrieve any part of the archived data for examination, comparison, or analysis.

It was particularly gratifying to demonstrate that these things can be accomplished regularly by the principal investigators and, in many cases, by their assistants and clerical personnel as well, after a minimal period of instruction.

Special data manipulation subroutines were established and stored in the system for report writing, simple statistical calculations, and some elementary multidisciplinary correlations. The success of these demonstrated the capability of the system to produce answers to special questions or to prepare special data tables and reports in response to particular needs and requirements of public agencies and officials concerned with natural resources management. The flexibility of the UBS Data Base in creating data reports in response to *ad hoc* requests for information from various users makes the system highly suited for a wide scope of application.

The scope of Maryland state agencies for which the use of the Upper Bay Survey Data Base was designed include:

- Water Resources Administration
- Coastal Zone Management
- Fisheries Administration
- Power Plant Siting Program
- Geological Survey
- Department of Health and Mental Hygiene
- Department of State Planning
- Environmental Services
- Department of Economic and Community Development

In order to insure a return on its investment, it is strongly recommended that the Maryland Department of Natural Resources promptly incorporate the Upper Bay Survey Data Base within the user organization. With system exercise, its potential capabilities for wider applications will become appreciated. The sophisticated natural resources management being demanded more and more with the passage of each year requires such a high capability data base. It is particularly urged that these initial steps be taken now:

(1) Select appropriate DNR personnel for the essential minimum indoctrination in the use of the data base.

(2) Test the existing data base in its present normal functions, employing the DNR cadre trained in Step (1).

(3) Test the capabilities of the data base for updating and expansion by incorporating an added category of parameters such as heavy metals content of Chesapeake Bay sediments, employing the DNR cadre.

(4) Test the existing capability of the data base in multidisciplinary data correlation and proceed to simplify and improve the capability.

(5) Develop and expand the data base to incorporate data useful to current state problems such as dredge spoil disposal, power plant siting, etc.

# 4. DATA SUMMARY REPORTS

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Westinghouse Electric Corporation

This section presents the raw score data entered into the Upper Bay Survey Data Base. The data are grouped by discipline and arranged in a summary report format, each summary report of a discipline consisting of several parts. A specific line carried through the different parts of the summary report constitutes data on one specific sample. Within each discipline the data are grouped by type of sample, sequenced by station, then within station by date, and finally within date by depth of water at the station where the sample was taken.

The data summary reports presented here by no means incorporate all the data relative to the Upper Bay Survey. The various principal investigators on occasion have pursued certain additional calculations and data manipulations independently; those that they found significant they incorporated in their contributions in Volume II. The appropriate chapters of Volume II should be examined before drawing any numerical inference from the data on the pages that follow.

| STAT ION C202 | LATI TUDE C222 | LONGI TUDE C223 | DATE MM DD YY C203 | TIME HRS C204 | SAMPLE DEPT M C210 | WIND DIR D C205 | WIND KNTS C206 | WEATHER CODE C207 | WATER TEMP C C211 | CHLORNT H20 PPT C216 | SALINT H20 PPT C217 | WATER SIGMA T C218 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 01A | 393255 | 763255 | 12/13/1973 | 1427 | .0 | 140 | 14 | 5 | 5.09 | .01 | .05 | .06 |
| 01A | 393255 | 760447 | 12/13/1973 | 1430 | 2.0 | 140 | 14 | 5 | 5.06 | .01 | .05 | .07 |
| 01A | 393255 | 760447 | 12/13/1973 | 1433 | 4.0 | 140 | 14 | 5 | 5.06 | .01 | .05 | .06 |
| 01A | 393255 | 760447 | 12/13/1973 | 1436 | 6.0 | 140 | 14 | 5 | 5.06 | .01 | .05 | .06 |
| 01A | 393255 | 760447 | 12/13/1973 | 1439 | 8.0 | 140 | 14 | 5 | 5.05 | .00 | .04 | .06 |
| 01A | 393255 | 760447 | 12/13/1973 | 1442 | 10.0 | 140 | 14 | 5 | 5.05 | .01 | .05 | .07 |
| 01A | 393255 | 760447 | 12/13/1973 | 1445 | 11.0 | 140 | 14 | 5 | 5.04 | .01 | .05 | .07 |
| 01A | 393255 | 760447 | 01/24/1974 | 1307 | .0 | | 0 | 6 | 2.73 | .06 | .13 | .13 |
| 01A | 393255 | 760447 | 01/24/1974 | 720 | .0 | 0 | 6 | 6 | 2.57 | .02 | .07 | .08 |
| 01A | 393255 | 760447 | 01/24/1974 | 1305 | 2.0 | | 0 | 6 | 2.71 | .05 | .11 | .12 |
| 01A | 393255 | 760447 | 01/24/1974 | 718 | 2.0 | 0 | 6 | 6 | 2.53 | .03 | .08 | .08 |
| 01A | 393255 | 760447 | 01/24/1974 | 716 | 4.0 | 0 | 6 | 6 | 2.56 | .03 | .08 | .08 |
| 01A | 393255 | 760447 | 01/24/1974 | 1303 | 4.0 | | 0 | 6 | 2.70 | .06 | .13 | .13 |
| 01A | 393255 | 760447 | 01/24/1974 | 714 | 6.0 | 0 | 6 | 6 | 2.57 | .03 | .09 | .10 |
| 01A | 393255 | 760447 | 01/24/1974 | 1301 | 6.0 | | 0 | 6 | 2.69 | .06 | .14 | .14 |
| 01A | 393255 | 760447 | 01/24/1974 | 712 | 8.0 | 0 | 6 | 6 | 2.62 | .04 | .10 | .10 |
| 01A | 393255 | 760447 | 01/24/1974 | 1259 | 8.0 | | 0 | 6 | 2.73 | .05 | .12 | .12 |
| 01A | 393255 | 760447 | 01/24/1974 | 710 | 10.0 | 0 | 6 | 6 | 2.61 | .03 | .08 | .09 |
| 01A | 393255 | 760447 | 01/24/1974 | 1257 | 10.0 | | 0 | 6 | 2.71 | .06 | .13 | .13 |
| 01A | 393255 | 760447 | 01/24/1974 | 1255 | 11.8 | | 0 | 6 | 2.68 | .04 | .11 | .11 |
| 01A | 393255 | 760447 | 02/12/1974 | 1352 | .0 | | 0 | 0 | 1.14 | .04 | .09 | .05 |
| 01A | 393255 | 760447 | 02/12/1974 | 1350 | 2.0 | | 0 | 0 | 1.09 | .03 | .09 | .04 |
| 01A | 393255 | 760447 | 02/12/1974 | 1348 | 4.0 | | 0 | 0 | 1.07 | .03 | .08 | .03 |
| 01A | 393255 | 760447 | 02/12/1974 | 1346 | 6.0 | | 0 | 0 | 1.05 | .04 | .09 | .04 |
| 01A | 393255 | 760447 | 02/12/1974 | 1344 | 8.0 | | 0 | 0 | 1.06 | .03 | .09 | .04 |
| 01A | 393255 | 760447 | 02/12/1974 | 1342 | 10.0 | | 0 | 0 | 1.08 | .03 | .09 | .04 |
| 01A | 393255 | 760447 | 02/12/1974 | 1340 | 11.8 | | 0 | 0 | 1.16 | .02 | .07 | .03 |
| 01A | 393255 | 760447 | 03/21/1974 | 1157 | .0 | 320 | 8 | 5 | 5.28 | .05 | .11 | .11 |
| 01A | 393255 | 760447 | 03/21/1974 | 1155 | 2.0 | 320 | 8 | 5 | 5.27 | .05 | .11 | .11 |
| 01A | 393255 | 760447 | 03/21/1974 | 1153 | 4.0 | 320 | 8 | 5 | 5.27 | .05 | .11 | .11 |
| 01A | 393255 | 760447 | 03/21/1974 | 1151 | 6.0 | 320 | 8 | 5 | 5.27 | .04 | .10 | .11 |
| 01A | 393255 | 760447 | 03/21/1974 | 1149 | 8.0 | 320 | 8 | 5 | 5.29 | .05 | .11 | .11 |
| 01A | 393255 | 760447 | 03/21/1974 | 1147 | 10.0 | 320 | 8 | 5 | 5.30 | .05 | .11 | .11 |
| 01A | 393255 | 760447 | 03/21/1974 | 1145 | 13.0 | 320 | 8 | 5 | 5.31 | .05 | .11 | .11 |
| 01A | 393255 | 760447 | 05/03/1974 | 1107 | .0 | 0 | 4 | 0 | 16.08 | .05 | .12 | -0.91 |
| 01A | 393255 | 760447 | 05/03/1974 | 1105 | 2.0 | 0 | 4 | 0 | 16.04 | .05 | .12 | -0.91 |
| 01A | 393255 | 760447 | 05/03/1974 | 1103 | 4.0 | 0 | 4 | 0 | 16.00 | .05 | .12 | -0.90 |
| 01A | 393255 | 760447 | 05/03/1974 | 1101 | 6.0 | 0 | 4 | 0 | 15.98 | .05 | .12 | -0.90 |
| 01A | 393255 | 760447 | 05/03/1974 | 1059 | 8.0 | 0 | 4 | 0 | 15.96 | .05 | .12 | -0.89 |
| 01A | 393255 | 760447 | 05/03/1974 | 1057 | 10.0 | 0 | 4 | 0 | 15.95 | .05 | .12 | -0.89 |
| 01A | 393255 | 760447 | 05/03/1974 | 1055 | 12.0 | 0 | 4 | 0 | 15.94 | .05 | .12 | -0.89 |
| 01A | 393255 | 760447 | 05/03/1974 | 1053 | 12.8 | 0 | 4 | 0 | 15.93 | .05 | .12 | -0.89 |
| 01A | 393255 | 760447 | 06/13/1974 | 1242 | .0 | 170 | 8 | 0 | 24.65 | .05 | .13 | -2.71 |
| 01A | 393255 | 760447 | 06/13/1974 | 1240 | 2.0 | 170 | 8 | 0 | 23.42 | .05 | .13 | -2.40 |
| 01A | 393255 | 760447 | 06/13/1974 | 1238 | 4.0 | 170 | 8 | 0 | 23.01 | .05 | .13 | -2.30 |
| 01A | 393255 | 760447 | 06/13/1974 | 1236 | 6.0 | 170 | 8 | 0 | 22.97 | .05 | .13 | -2.29 |
| 01A | 393255 | 760447 | 06/13/1974 | 1234 | 8.0 | 170 | 8 | 0 | 22.94 | .05 | .13 | -2.29 |
| 01A | 393255 | 760447 | 06/13/1974 | 1232 | 10.0 | 170 | 8 | 0 | 22.92 | .05 | .13 | -2.28 |
| 01A | 393255 | 760447 | 06/13/1974 | 1230 | 12.7 | 170 | 8 | 0 | 22.92 | .05 | .13 | -2.28 |
| 01A | 393255 | 760447 | 07/31/1974 | 1556 | .0 | | | 0 | 26.93 | .05 | .13 | -3.31 |

| STAT IOM C202 | LATI TUDE C222 | LONGI TUDE C223 | DATE MM DD YY C203 | TIME HRS C204 | SAMPLE DEPT M C210 | WIND DIR D C205 | WIND KNTS C206 | WEATHER CODE C207 | WATER TEMP C C211 | CHLORNT H20 PPT C216 | SALINT H20 PPT C217 | WATER SIGMA T C218 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 01A | 393255 | 760447 | 07/31/1974 | 1554 | 2.0 | | | 0 | 26.53 | .05 | .13 | -3.20 |
| 01A | 393255 | 760447 | 07/31/1974 | 1552 | 4.0 | | | 0 | 26.50 | .05 | .13 | -3.20 |
| 01A | 393255 | 760447 | 07/31/1974 | 1550 | 6.0 | | | 0 | 26.47 | .05 | .13 | -3.19 |
| 01A | 393255 | 760447 | 07/31/1974 | 1548 | 8.0 | | | 0 | 26.37 | .05 | .13 | -3.16 |
| 01A | 393255 | 760447 | 07/31/1974 | 1546 | 10.0 | | | 0 | 26.28 | .05 | .13 | -3.14 |
| 01A | 393255 | 760447 | 07/31/1974 | 1544 | 12.0 | | | 0 | 26.27 | .05 | .13 | -3.13 |
| 01A | 393255 | 760447 | 07/31/1974 | 1542 | 14.0 | | | 0 | 26.24 | .05 | .13 | -3.12 |
| 01A | 393255 | 760447 | 07/31/1974 | 1540 | 15.0 | | | 0 | 26.24 | .05 | .13 | -3.12 |
| 01A | 393255 | 760447 | 09/20/1974 | 1002 | .0 | 325 | 5 | 4 | 22.68 | .06 | .13 | -2.22 |
| 01A | 393255 | 760447 | 09/20/1974 | 959 | 2.0 | 325 | 5 | 4 | 22.58 | .06 | .13 | -2.20 |
| 01A | 393255 | 760447 | 09/20/1974 | 957 | 4.0 | 325 | 5 | 4 | 22.57 | .06 | .13 | -2.20 |
| 01A | 393255 | 760447 | 09/20/1974 | 955 | 6.0 | 325 | 5 | 4 | 22.57 | .06 | .13 | -2.20 |
| 01A | 393255 | 760447 | 09/20/1974 | 952 | 8.0 | 325 | 5 | 4 | 22.55 | .06 | .13 | -2.19 |
| 01A | 393255 | 760447 | 09/20/1974 | 949 | 10.0 | 325 | 5 | 4 | 22.51 | .06 | .13 | -2.18 |
| 01A | 393255 | 760447 | 09/20/1974 | 946 | 12.0 | 325 | 5 | 4 | 22.47 | .06 | .13 | -2.17 |
| 01A | 393255 | 760447 | 09/20/1974 | 943 | 14.0 | 325 | 5 | 4 | 22.45 | .06 | .13 | -2.17 |
| 01A | 393255 | 760447 | 09/20/1974 | 940 | 16.0 | 325 | 5 | 4 | 22.44 | .06 | .13 | -2.17 |
| 02A | 392632 | 760303 | 12/14/1973 | 1257 | .0 | 315 | 6 | 2 | 4.95 | .04 | .10 | .11 |
| 02A | 392632 | 760303 | 12/14/1973 | 1256 | 2.0 | 315 | 6 | 2 | 4.96 | .04 | .10 | .11 |
| 02A | 392632 | 760303 | 12/14/1973 | 1255 | 3.5 | 315 | 6 | 2 | 4.98 | .04 | .10 | .11 |
| 02A | 392632 | 760303 | 01/23/1974 | 1602 | .0 | | 0 | 1 | 1.85 | .07 | .16 | .13 |
| 02A | 392632 | 760303 | 01/23/1974 | 1600 | 2.3 | | 0 | 1 | 1.87 | .07 | .16 | .13 |
| 02A | 392632 | 760303 | 02/12/1974 | 1247 | .0 | | 0 | 1 | .86 | .01 | .05 | .00 |
| 02A | 392632 | 760303 | 02/12/1974 | 1245 | 2.6 | | 0 | 1 | .88 | .02 | .06 | .01 |
| 02A | 392632 | 760303 | 03/20/1974 | 1622 | .0 | 40 | 4 | 0 | 6.17 | .02 | .07 | .06 |
| 02A | 392632 | 760303 | 03/20/1974 | 1620 | 2.0 | 40 | 4 | 0 | 6.16 | .02 | .07 | .06 |
| 02A | 392632 | 760303 | 05/03/1974 | 754 | .0 | 0 | 5 | 5 | 15.44 | .05 | .12 | -0.81 |
| 02A | 392632 | 760303 | 05/03/1974 | 752 | 2.0 | 0 | 5 | 5 | 15.43 | .05 | .12 | -0.81 |
| 02A | 392632 | 760303 | 05/03/1974 | 754 | 3.6 | 0 | 5 | 5 | 15.42 | .05 | .12 | -0.81 |
| 02A | 392632 | 760303 | 06/13/1974 | 1402 | .0 | 330 | 5 | 0 | 24.85 | .06 | .13 | -2.75 |
| 02A | 392632 | 760303 | 06/13/1974 | 1400 | 1.7 | 330 | 5 | 0 | 24.71 | .06 | .13 | -2.72 |
| 02A | 392632 | 760303 | 07/31/1974 | 1427 | .0 | 235 | 6 | 0 | 27.74 | .05 | .12 | -3.54 |
| 02A | 392632 | 760303 | 07/31/1974 | 1425 | 2.0 | 235 | 6 | 0 | 27.37 | .05 | .13 | -3.43 |
| 02A | 392632 | 760303 | 09/20/1974 | 807 | .0 | 325 | 5 | 4 | 22.81 | .07 | .15 | -2.24 |
| 02A | 392632 | 760303 | 09/20/1974 | 804 | 2.0 | 325 | 5 | 4 | 22.81 | .07 | .15 | -2.24 |
| 02A | 392632 | 760303 | 09/20/1974 | 801 | 3.0 | 325 | 5 | 4 | 22.80 | .07 | .15 | -2.24 |
| 02B | 392635 | 760200 | 12/14/1973 | 1304 | .0 | 315 | 12 | 2 | 5.05 | .04 | .10 | .11 |
| 02B | 392635 | 760200 | 12/14/1973 | 1302 | 2.0 | 315 | 12 | 2 | 5.07 | .04 | .10 | .11 |
| 02B | 392635 | 760200 | 12/14/1973 | 1300 | 4.4 | 315 | 12 | 2 | 5.14 | .04 | .10 | .11 |
| 02B | 392635 | 760200 | 01/23/1974 | 1549 | .0 | | 0 | 0 | 2.16 | .07 | .16 | .14 |
| 02B | 392635 | 760200 | 01/23/1974 | 1547 | 2.0 | | 0 | 0 | 2.16 | .08 | .18 | .16 |
| 02B | 392635 | 760200 | 01/23/1974 | 1545 | 3.2 | | 0 | 0 | 2.25 | .08 | .17 | .15 |
| 02B | 392635 | 760200 | 03/20/1974 | 1604 | .0 | 40 | 4 | 0 | 5.89 | .02 | .08 | .07 |
| 02B | 392635 | 760200 | 03/20/1974 | 1602 | 2.0 | 40 | 4 | 0 | 5.80 | .03 | .08 | .07 |
| 02B | 392635 | 760200 | 03/20/1974 | 1600 | 3.2 | 40 | 4 | 0 | 5.79 | .03 | .08 | .07 |
| 02B | 392635 | 760200 | 05/03/1974 | 744 | .0 | 0 | 5 | 5 | 16.48 | .05 | .11 | -0.99 |
| 02B | 392635 | 760200 | 05/03/1974 | 742 | 2.0 | 0 | 5 | 5 | 16.48 | .05 | .11 | -0.99 |
| 02B | 392635 | 760200 | 05/03/1974 | 740 | 4.4 | 0 | 5 | 5 | 16.45 | .05 | .12 | -0.98 |
| 02B | 392635 | 760200 | 06/13/1974 | 1414 | .0 | 280 | 5 | 0 | 25.27 | .11 | .23 | -2.79 |
| 02B | 392635 | 760200 | 06/13/1974 | 1412 | 2.0 | 280 | 5 | 0 | 24.47 | .13 | .27 | -2.55 |

| STAT ION C202 | LATI TUDE C222 | LONGI TUDE C223 | DATE MM DD YY C203 | TIME HRS C204 | SAMPLE DEPT M C210 | WIND DIR D C205 | WIND KNTS C206 | WEATHER CODE C207 | WATER TEMP C C211 | CHLORNT H20 PPT C216 | SALINT H20 PPT C217 | WATER SIGMA T C218 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 02B | 392635 | 760200 | 06/13/1974 | 1410 | 3.4 | 280 | 5 | 0 | 24.41 | .13 | .27 | -2.54 |
| 02B | 392635 | 760200 | 07/31/1974 | 1414 | .0 | 235 | 5 | 0 | 28.38 | .05 | .13 | -3.72 |
| 02B | 392635 | 760200 | 07/31/1974 | 1412 | 2.0 | 235 | 5 | 0 | 27.58 | .05 | .12 | -3.49 |
| 02B | 392635 | 760200 | 07/31/1974 | 1410 | 3.5 | 235 | 5 | 0 | 27.06 | .07 | .15 | -3.33 |
| 02B | 392635 | 760200 | 09/20/1974 | 859 | .0 | 325 | 5 | 4 | 22.78 | .06 | .14 | -2.24 |
| 02B | 392635 | 760200 | 09/20/1974 | 757 | 2.0 | 325 | 5 | 4 | 22.76 | .06 | .14 | -2.23 |
| 02B | 392635 | 760200 | 09/20/1974 | 755 | 4.0 | 325 | 5 | 4 | 22.74 | .06 | .14 | -2.23 |
| 02C | 392636 | 755949 | 12/14/1973 | 1320 | .0 | 315 | 10 | 2 | 4.71 | .06 | .13 | .14 |
| 02C | 392636 | 755949 | 12/14/1973 | 1318 | 2.0 | 315 | 10 | 2 | 4.67 | .08 | .18 | .17 |
| 02C | 392636 | 755949 | 12/14/1973 | 1316 | 4.0 | 315 | 10 | 2 | 4.67 | .08 | .18 | .18 |
| 02C | 392636 | 755949 | 12/14/1973 | 1314 | 6.0 | 315 | 10 | 2 | 4.70 | .09 | .20 | .19 |
| 02C | 392636 | 755949 | 12/14/1973 | 1312 | 8.0 | 315 | 10 | 2 | 4.80 | .18 | .35 | .31 |
| 02C | 392636 | 755949 | 12/14/1973 | 1310 | 10.0 | 315 | 10 | 2 | 4.88 | .25 | .48 | .42 |
| 02C | 392636 | 755949 | 01/23/1974 | 1535 | .0 | | 0 | 0 | 1.91 | .07 | .17 | .14 |
| 02C | 392636 | 755949 | 01/23/1974 | 1533 | 2.0 | | 0 | 0 | 1.79 | .08 | .17 | .14 |
| 02C | 392636 | 755949 | 01/23/1974 | 1531 | 4.0 | | 0 | 0 | 1.76 | .08 | .18 | .15 |
| 02C | 392636 | 755949 | 01/23/1974 | 1529 | 6.0 | | 0 | 0 | 1.74 | .08 | .18 | .15 |
| 02C | 392636 | 755949 | 01/23/1974 | 1527 | 8.0 | | 0 | 0 | 1.73 | .09 | .19 | .15 |
| 02C | 392636 | 755949 | 01/23/1974 | 1525 | 9.0 | | 0 | 0 | 1.85 | .08 | .17 | .14 |
| 02C | 392636 | 755949 | 02/14/1974 | 1220 | .0 | | 0 | 0 | 1.15 | .04 | .09 | .05 |
| 02C | 392636 | 755949 | 02/14/1974 | 1218 | 2.0 | | 0 | 0 | 1.07 | .03 | .09 | .04 |
| 02C | 392636 | 755949 | 02/14/1974 | 1216 | 4.0 | | 0 | 0 | .99 | .03 | .09 | .03 |
| 02C | 392636 | 755949 | 02/14/1974 | 1214 | 6.0 | | 0 | 0 | .99 | .04 | .09 | .04 |
| 02C | 392636 | 755949 | 02/14/1974 | 1212 | 8.0 | | 0 | 0 | .95 | .04 | .11 | .05 |
| 02C | 392636 | 755949 | 02/14/1974 | 1210 | 10.0 | | 0 | 0 | 1.06 | .03 | .09 | .04 |
| 02C | 392636 | 755949 | 03/20/1974 | 1538 | .0 | 40 | 4 | 0 | 5.59 | .03 | .08 | .08 |
| 02C | 392636 | 755949 | 03/20/1974 | 1536 | 2.0 | 40 | 4 | 0 | 5.26 | .03 | .08 | .09 |
| 02C | 392636 | 755949 | 03/20/1974 | 1534 | 4.0 | 40 | 4 | 0 | 5.25 | .03 | .08 | .09 |
| 02C | 392636 | 755949 | 03/20/1974 | 1532 | 6.0 | 40 | 4 | 0 | 5.26 | .03 | .09 | .10 |
| 02C | 392636 | 755949 | 03/20/1974 | 1530 | 9.0 | 40 | 4 | 0 | 5.25 | .03 | .08 | .09 |
| 02C | 392636 | 755949 | 05/03/1974 | 722 | .0 | 0 | 4 | 5 | 17.28 | .05 | .11 | -1.12 |
| 02C | 392636 | 755949 | 05/03/1974 | 720 | 2.0 | 0 | 4 | 5 | 17.34 | .05 | .11 | -1.14 |
| 02C | 392636 | 755949 | 05/03/1974 | 718 | 4.0 | 0 | 4 | 5 | 17.35 | .05 | .11 | -1.14 |
| 02C | 392636 | 755949 | 05/03/1974 | 716 | 6.0 | 0 | 4 | 5 | 17.37 | .04 | .11 | -1.14 |
| 02C | 392636 | 755949 | 05/03/1974 | 714 | 8.0 | 0 | 4 | 5 | 17.37 | .05 | .11 | -1.14 |
| 02C | 392636 | 755949 | 05/03/1974 | 712 | 10.0 | 0 | 4 | 5 | 17.38 | .05 | .11 | -1.14 |
| 02C | 392636 | 755949 | 05/03/1974 | 710 | 11.3 | 0 | 4 | 5 | 17.37 | .05 | .11 | -1.14 |
| 02C | 392636 | 755949 | 06/13/1974 | 1430 | .0 | 280 | 5 | 0 | 25.72 | .20 | .39 | -2.79 |
| 02C | 392636 | 755949 | 06/13/1974 | 1428 | 2.0 | 280 | 5 | 0 | 24.52 | .25 | .47 | -2.41 |
| 02C | 392636 | 755949 | 06/13/1974 | 1426 | 4.0 | 280 | 5 | 0 | 24.25 | .26 | .50 | -2.33 |
| 02C | 392636 | 755949 | 06/13/1974 | 1424 | 6.0 | 280 | 5 | 0 | 24.24 | .27 | .51 | -2.31 |
| 02C | 392636 | 755949 | 06/13/1974 | 1422 | 8.0 | 280 | 5 | 0 | 24.23 | .27 | .52 | -2.31 |
| 02C | 392636 | 755949 | 06/13/1974 | 1420 | 10.4 | 280 | 5 | 0 | 24.21 | .28 | .54 | -2.29 |
| 02C | 392636 | 755949 | 07/31/1974 | 1400 | .0 | 235 | 4 | 0 | 27.38 | .52 | .97 | -2.80 |
| 02C | 392636 | 755949 | 07/31/1974 | 1358 | 2.0 | 235 | 4 | 0 | 26.43 | .55 | 1.03 | -2.50 |
| 02C | 392636 | 755949 | 07/31/1974 | 1356 | 4.0 | 235 | 4 | 0 | 26.21 | .56 | 1.05 | -2.42 |
| 02C | 392636 | 755949 | 07/31/1974 | 1354 | 6.0 | 235 | 4 | 0 | 26.18 | .57 | 1.05 | -2.41 |
| 02C | 392636 | 755949 | 07/31/1974 | 1352 | 8.0 | 235 | 4 | 0 | 26.13 | .57 | 1.06 | -2.39 |
| 02C | 392636 | 755949 | 07/31/1974 | 1350 | 10.0 | 235 | 4 | 0 | 26.13 | .57 | 1.06 | -2.39 |
| 02C | 392636 | 755949 | 09/20/1974 | 745 | .0 | 325 | 5 | 4 | 23.29 | .43 | .80 | -1.86 |

| STAT ION C202 | LATI TUDE C222 | LONGI TUDE C223 | DATE MM DD YY C203 | TIME HRS C204 | SAMPLE DEPT M C210 | WIND DIR D C205 | WIND KNTS C206 | WEATHER CODE C207 | WATER TEMP C C211 | CHLORNT H20 PPT C216 | SALINT H20 PPT C217 | WATER SIGMA T C218 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 02C | 392636 | 755949 | 09/20/1974 | 743 | 2.0 | 325 | 5 | 4 | 23.30 | .43 | .81 | -1.86 |
| 02C | 392636 | 755949 | 09/20/1974 | 741 | 4.0 | 325 | 5 | 4 | 23.30 | .44 | .82 | -1.85 |
| 02C | 392636 | 755949 | 09/20/1974 | 739 | 6.0 | 325 | 5 | 4 | 23.31 | .44 | .82 | -1.86 |
| 02C | 392636 | 755949 | 09/20/1974 | 737 | 8.0 | 325 | 5 | 4 | 23.30 | .44 | .82 | -1.85 |
| 02C | 392636 | 755949 | 09/20/1974 | 735 | 10.0 | 325 | 5 | 4 | 23.31 | .44 | .82 | -1.86 |
| 03A | 392410 | 760607 | 12/14/1973 | 1239 | .0 | 315 | 6 | 2 | 4.90 | .04 | .10 | .11 |
| 03A | 392410 | 760607 | 12/14/1973 | 1237 | 2.0 | 315 | 6 | 2 | 4.89 | .04 | .11 | .12 |
| 03A | 392410 | 760607 | 12/14/1973 | 1235 | 3.5 | 315 | 6 | 2 | 5.00 | .04 | .11 | .11 |
| 03A | 392410 | 760607 | 01/23/1974 | 1422 | .0 | 290 | 2 | 0 | 1.61 | .07 | .16 | .12 |
| 03A | 392410 | 760607 | 01/23/1974 | 1420 | 2.3 | 290 | 2 | 0 | 1.58 | .09 | .18 | .14 |
| 03A | 392410 | 760607 | 02/12/1974 | 1132 | .0 | 240 | 5 | 0 | 1.22 | .12 | .25 | .18 |
| 03A | 392410 | 760607 | 02/12/1974 | 1130 | 2.3 | 240 | 5 | 0 | 1.23 | .13 | .26 | .19 |
| 03A | 392410 | 760607 | 03/20/1974 | 1452 | .0 | 40 | 6 | 0 | 5.89 | .02 | .08 | .07 |
| 03A | 392410 | 760607 | 03/20/1974 | 1450 | 2.0 | 40 | 6 | 0 | 5.53 | .03 | .08 | .08 |
| 03A | 392410 | 760607 | 05/02/1974 | 1439 | .0 | 135 | 8 | 1 | 17.17 | .05 | .12 | -1.10 |
| 03A | 392410 | 760607 | 05/02/1974 | 1437 | 2.0 | 135 | 8 | 1 | 17.15 | .05 | .12 | -1.10 |
| 03A | 392410 | 760607 | 05/02/1974 | 1435 | 2.7 | 135 | 8 | 1 | 17.11 | .05 | .12 | -1.09 |
| 03A | 392410 | 760607 | 06/13/1974 | 1534 | .0 | 280 | 9 | 0 | 24.12 | .38 | .72 | -2.13 |
| 03A | 392410 | 760607 | 06/13/1974 | 1532 | 2.0 | 280 | 9 | 0 | 23.66 | .35 | .67 | -2.05 |
| 03A | 392410 | 760607 | 06/13/1974 | 1530 | 3.5 | 280 | 9 | 0 | 23.65 | .36 | .68 | -2.04 |
| 03A | 392410 | 760607 | 07/31/1974 | 1309 | .0 | | | 0 | 26.56 | .57 | 1.06 | -2.51 |
| 03A | 392410 | 760607 | 07/31/1974 | 1307 | 2.0 | | | 0 | 25.87 | .76 | 1.40 | -2.07 |
| 03A | 392410 | 760607 | 07/31/1974 | 1305 | 3.5 | | | 0 | 25.77 | .82 | 1.51 | -1.96 |
| 03A | 392410 | 760607 | 09/19/1974 | 1214 | .0 | | | 0 | 23.89 | .63 | 1.17 | -1.73 |
| 03A | 392410 | 760607 | 09/19/1974 | 1212 | 2.0 | | | 0 | 23.16 | .69 | 1.28 | -1.47 |
| 03A | 392410 | 760607 | 09/19/1974 | 1210 | 3.5 | | | 0 | 23.16 | .71 | 1.32 | -1.44 |
| 03A | 392410 | 760607 | 11/27/1974 | 747 | .0 | 270 | 12 | 0 | 4.89 | .35 | .66 | .55 |
| 03A | 392410 | 760607 | 11/27/1974 | 745 | 2.6 | 270 | 12 | 0 | 4.83 | .35 | .67 | .56 |
| 03B | 392302 | 760530 | 12/14/1973 | 1232 | .0 | 315 | 6 | 2 | 4.77 | .08 | .18 | .18 |
| 03B | 392302 | 760530 | 12/14/1973 | 1230 | 2.0 | 315 | 6 | 2 | 4.76 | .09 | .20 | .19 |
| 03B | 392302 | 760530 | 12/14/1973 | 1228 | 4.0 | 315 | 6 | 2 | 4.68 | .10 | .21 | .20 |
| 03B | 392302 | 760530 | 12/14/1973 | 1226 | 6.0 | 315 | 6 | 2 | 4.65 | .11 | .22 | .21 |
| 03B | 392302 | 760530 | 12/14/1973 | 1224 | 8.0 | 315 | 6 | 2 | 4.66 | .11 | .22 | .21 |
| 03B | 392302 | 760530 | 12/14/1973 | 1222 | 10.0 | 315 | 6 | 2 | 4.68 | .11 | .22 | .21 |
| 03B | 392302 | 760530 | 12/14/1973 | 1220 | 11.0 | 315 | 6 | 2 | 4.71 | .11 | .24 | .22 |
| 03B | 392302 | 760530 | 01/23/1974 | 1445 | .0 | 190 | 2 | 0 | 1.53 | .08 | .17 | .12 |
| 03B | 392302 | 760530 | 01/23/1974 | 1443 | 2.0 | 190 | 2 | 0 | 1.51 | .07 | .16 | .12 |
| 03B | 392302 | 760530 | 01/23/1974 | 1441 | 4.0 | 190 | 2 | 0 | 1.49 | .07 | .15 | .11 |
| 03B | 392302 | 760530 | 01/23/1974 | 1439 | 6.0 | 190 | 2 | 0 | 1.47 | .10 | .21 | .16 |
| 03B | 392302 | 760530 | 01/23/1974 | 1437 | 8.0 | 190 | 2 | 0 | 1.47 | .09 | .18 | .14 |
| 03B | 392302 | 760530 | 01/23/1974 | 1435 | 9.3 | 190 | 2 | 0 | 1.53 | .08 | .18 | .13 |
| 03B | 392302 | 760530 | 02/12/1974 | 1110 | .0 | 240 | 7 | 0 | .93 | .14 | .27 | .18 |
| 03B | 392302 | 760530 | 02/12/1974 | 1108 | 2.0 | 240 | 7 | 0 | .87 | .15 | .29 | .20 |
| 03B | 392302 | 760530 | 02/12/1974 | 1106 | 4.0 | 240 | 7 | 0 | 1.07 | .36 | .69 | .52 |
| 03B | 392302 | 760530 | 02/12/1974 | 1104 | 6.0 | 240 | 7 | 0 | 1.11 | .38 | .71 | .55 |
| 03B | 392302 | 760530 | 02/12/1974 | 1102 | 8.0 | 240 | 7 | 0 | 1.28 | .40 | .75 | .58 |
| 03B | 392302 | 760530 | 02/12/1974 | 1100 | 10.5 | 240 | 7 | 0 | 1.29 | .42 | .78 | .61 |
| 03B | 392302 | 760530 | 03/20/1974 | 1439 | .0 | 40 | 6 | 0 | 6.38 | .02 | .07 | .05 |
| 03B | 392302 | 760530 | 03/20/1974 | 1437 | 2.0 | 40 | 6 | 0 | 5.67 | .03 | .08 | .08 |
| 03B | 392302 | 760530 | 03/20/1974 | 1435 | 4.0 | 40 | 6 | 0 | 5.59 | .03 | .08 | .08 |

| STATION C202 | LATITUDE C222 | LONGITUDE C223 | DATE MM DD YY C203 | TIME HRS C204 | SAMPLE DEPT M C210 | WIND DIR D C205 | WIND KNTS C206 | WEATHER CODE C207 | WATER TEMP C C211 | CHLORNT H20 PPT C216 | SALINT H20 PPT C217 | WATER SIGMA T C218 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 03B | 392302 | 760530 | 03/20/1974 | 1433 | 6.0 | 40 | 6 | 0 | 5.58 | .03 | .08 | .08 |
| 03B | 392302 | 760530 | 03/20/1974 | 1431 | 8.0 | 40 | 6 | 0 | 5.58 | .03 | .08 | .08 |
| 03B | 392302 | 760530 | 03/20/1974 | 1429 | 9.5 | 40 | 6 | 0 | 5.57 | .03 | .08 | .08 |
| 03B | 392302 | 760530 | 05/02/1974 | 1417 | .0 | 120 | 7 | 1 | 17.72 | .05 | .12 | -1.20 |
| 03B | 392302 | 760530 | 05/02/1974 | 1415 | 2.0 | 120 | 7 | 1 | 17.60 | .02 | .07 | -1.21 |
| 03B | 392302 | 760530 | 05/02/1974 | 1413 | 4.0 | 120 | 7 | 1 | 17.56 | .02 | .06 | -1.21 |
| 03B | 392302 | 760530 | 05/02/1974 | 1411 | 6.0 | 120 | 7 | 1 | 17.52 | .02 | .06 | -1.20 |
| 03B | 392302 | 760530 | 05/02/1974 | 1409 | 8.0 | 120 | 7 | 1 | 17.52 | .02 | .06 | -1.20 |
| 03B | 392302 | 760530 | 05/02/1974 | 1407 | 10.0 | 120 | 7 | 1 | 17.50 | .02 | .07 | -1.20 |
| 03B | 392302 | 760530 | 05/02/1974 | 1405 | 10.8 | 120 | 7 | 1 | 17.47 | .02 | .07 | -1.19 |
| 03B | 392302 | 760530 | 06/13/1974 | 1515 | .0 | 280 | 9 | 0 | 25.04 | .41 | .77 | -2.33 |
| 03B | 392302 | 760530 | 06/13/1974 | 1513 | 2.0 | 280 | 9 | 0 | 23.29 | .48 | .91 | -1.78 |
| 03B | 392302 | 760530 | 06/13/1974 | 1511 | 4.0 | 280 | 9 | 0 | 22.71 | .82 | 1.51 | -1.19 |
| 03B | 392302 | 760530 | 06/13/1974 | 1509 | 6.0 | 280 | 9 | 0 | 22.69 | .83 | 1.54 | -1.16 |
| 03B | 392302 | 760530 | 06/13/1974 | 1507 | 8.0 | 280 | 9 | 0 | 22.69 | .86 | 1.59 | -1.12 |
| 03B | 392302 | 760530 | 06/13/1974 | 1505 | 10.6 | 280 | 9 | 0 | 22.66 | .90 | 1.65 | -1.08 |
| 03B | 392302 | 760530 | 07/31/1974 | 1255 | .0 | | | 0 | 26.79 | .64 | 1.18 | -2.48 |
| 03B | 392302 | 760530 | 07/31/1974 | 1253 | 2.0 | | | 0 | 25.87 | .86 | 1.58 | -1.93 |
| 03B | 392302 | 760530 | 07/31/1974 | 1251 | 4.0 | | | 0 | 25.76 | 1.23 | 2.25 | -1.40 |
| 03B | 392302 | 760530 | 07/31/1974 | 1249 | 6.0 | | | 0 | 25.63 | 1.37 | 2.51 | -1.17 |
| 03B | 392302 | 760530 | 07/31/1974 | 1247 | 8.0 | | | 0 | 25.60 | 1.43 | 2.62 | -1.08 |
| 03B | 392302 | 760530 | 07/31/1974 | 1245 | 10.2 | | | 0 | 25.55 | 1.69 | 3.08 | -0.72 |
| 03B | 392302 | 760530 | 09/19/1974 | 1230 | .0 | | | 0 | 23.13 | 1.07 | 1.96 | -0.95 |
| 03B | 392302 | 760530 | 09/19/1974 | 1228 | 2.0 | | | 0 | 23.12 | 1.12 | 2.05 | -0.88 |
| 03B | 392302 | 760530 | 09/19/1974 | 1226 | 4.0 | | | 0 | 23.11 | 1.14 | 2.09 | -0.84 |
| 03B | 392302 | 760530 | 09/19/1974 | 1224 | 6.0 | | | 0 | 23.11 | 1.14 | 2.09 | -0.84 |
| 03B | 392302 | 760530 | 09/19/1974 | 1222 | 8.0 | | | 0 | 23.11 | 1.15 | 2.10 | -0.84 |
| 03B | 392302 | 760530 | 09/19/1974 | 1220 | 10.0 | | | 0 | 23.12 | 1.15 | 2.10 | -0.84 |
| 03B | 392302 | 760530 | 11/27/1974 | 730 | .0 | 270 | 12 | 0 | 5.78 | .29 | .55 | .45 |
| 03B | 392302 | 760530 | 11/27/1974 | 728 | 2.0 | 270 | 12 | 0 | 6.03 | .37 | .69 | .55 |
| 03B | 392302 | 760530 | 11/27/1974 | 726 | 4.0 | 270 | 12 | 0 | 6.62 | .78 | 1.44 | 1.12 |
| 03B | 392302 | 760530 | 11/27/1974 | 724 | 6.0 | 270 | 12 | 0 | 6.71 | .88 | 1.61 | 1.25 |
| 03B | 392302 | 760530 | 11/27/1974 | 722 | 8.0 | 270 | 12 | 0 | 6.87 | 1.04 | 1.91 | 1.48 |
| 03B | 392302 | 760530 | 11/27/1974 | 720 | 10.5 | 270 | 12 | 0 | 7.19 | 1.93 | 3.51 | 2.73 |
| 03C | 392234 | 760513 | 12/14/1973 | 1218 | .0 | 300 | 5 | 2 | 4.63 | .12 | .25 | .23 |
| 03C | 392234 | 760513 | 12/14/1973 | 1217 | 2.0 | 300 | 5 | 2 | 4.63 | .12 | .25 | .23 |
| 03C | 392234 | 760513 | 12/14/1973 | 1216 | 4.0 | 300 | 5 | 2 | 4.66 | .12 | .24 | .23 |
| 03C | 392234 | 760513 | 12/14/1973 | 1215 | 5.3 | 300 | 5 | 2 | 4.73 | .12 | .24 | .23 |
| 03C | 392234 | 760513 | 01/23/1974 | 1361 | .0 | 190 | | 0 | 2.29 | .07 | .16 | .14 |
| 03C | 392234 | 760513 | 01/23/1974 | 1359 | 2.0 | 190 | | 0 | 1.96 | .09 | .20 | .17 |
| 03C | 392234 | 760513 | 01/23/1974 | 1357 | 4.0 | 190 | | 0 | 1.97 | .10 | .21 | .17 |
| 03C | 392234 | 760513 | 01/23/1974 | 1355 | 5.0 | 190 | | 0 | 1.94 | .09 | .20 | .16 |
| 03C | 392234 | 760513 | 02/12/1974 | 1051 | .0 | 250 | 4 | 0 | 1.16 | .17 | .33 | .24 |
| 03C | 392234 | 760513 | 02/12/1974 | 1049 | 2.0 | 250 | 4 | 0 | .95 | .18 | .35 | .25 |
| 03C | 392234 | 760513 | 02/12/1974 | 1047 | 4.0 | 250 | 4 | 0 | .95 | .20 | .39 | .28 |
| 03C | 392234 | 760513 | 02/12/1974 | 1045 | 5.6 | 250 | 4 | 0 | .99 | .21 | .41 | .30 |
| 03C | 392234 | 760513 | 03/20/1974 | 1421 | .0 | 40 | 6 | 0 | 5.22 | .03 | .08 | .09 |
| 03C | 392234 | 760513 | 03/20/1974 | 1419 | 2.0 | 40 | 6 | 0 | 5.17 | .03 | .08 | .09 |
| 03C | 392234 | 760513 | 03/20/1974 | 1417 | 4.0 | 40 | 6 | 0 | 4.84 | .03 | .08 | .09 |
| 03C | 392234 | 760513 | 03/20/1974 | 1415 | 5.0 | 40 | 6 | 0 | 4.82 | .02 | .07 | .09 |

| STAT ION C202 | LATI TUDE C222 | LONGI TUDE C223 | DATE MM DD YY C203 | TIME HRS C204 | SAMPLE DEPT M C210 | WIND DIR D C205 | WIND KNTS C206 | WEATHER CODE C207 | WATER TEMP C C211 | CHLORNT H20 PPT C216 | SALINT H20 PPT C217 | WATER SIGMA T C218 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 03C | 392234 | 760513 | 05/02/1974 | 1341 | .0 | 120 | 7 | 0 | 17.46 | .05 | .13 | -1.14 |
| 03C | 392234 | 760513 | 05/02/1974 | 1339 | 2.0 | 120 | 7 | 0 | 17.26 | .03 | .08 | -1.15 |
| 03C | 392234 | 760513 | 05/02/1974 | 1337 | 4.0 | 120 | 7 | 0 | 17.22 | .03 | .08 | -1.14 |
| 03C | 392234 | 760513 | 05/02/1974 | 1335 | 5.0 | 120 | 7 | 0 | 17.20 | .04 | .10 | -1.12 |
| 03C | 392234 | 760513 | 06/13/1974 | 1504 | .0 | 300 | 9 | 0 | 24.93 | .27 | .51 | -2.49 |
| 03C | 392234 | 760513 | 06/13/1974 | 1502 | 2.0 | 300 | 9 | 0 | 23.79 | .35 | .67 | -2.08 |
| 03C | 392234 | 760513 | 06/13/1974 | 1500 | 3.3 | 300 | 9 | 0 | 23.35 | .48 | .89 | -1.81 |
| 03C | 392234 | 760513 | 07/31/1974 | 1241 | .0 | | | 0 | 28.61 | .72 | 1.34 | -2.88 |
| 03C | 392234 | 760513 | 07/31/1974 | 1239 | 2.0 | | | 0 | 26.25 | .99 | 1.82 | -1.85 |
| 03C | 392234 | 760513 | 07/31/1974 | 1237 | 4.0 | | | 0 | 25.92 | 1.05 | 1.93 | -1.68 |
| 03C | 392234 | 760513 | 07/31/1974 | 1235 | 6.0 | | | 0 | 25.88 | 1.07 | 1.96 | -1.65 |
| 03C | 392234 | 760513 | 09/19/1974 | 1241 | .0 | | | 0 | 23.84 | .90 | 1.65 | -1.36 |
| 03C | 392234 | 760513 | 09/19/1974 | 1239 | 2.0 | | | 0 | 23.42 | .88 | 1.61 | -1.28 |
| 03C | 392234 | 760513 | 09/19/1974 | 1237 | 4.0 | | | 0 | 23.20 | .93 | 1.71 | -1.16 |
| 03C | 392234 | 760513 | 09/19/1974 | 1235 | 6.0 | | | 0 | 23.20 | .95 | 1.75 | -1.12 |
| 03C | 392234 | 760513 | 11/27/1974 | 711 | .0 | 270 | 12 | 0 | 5.59 | .21 | .41 | .35 |
| 03C | 392334 | 760513 | 11/27/1974 | 709 | 2.0 | 270 | 12 | 0 | 5.74 | .29 | .56 | .46 |
| 03C | 392334 | 760513 | 11/27/1974 | 707 | 4.0 | 270 | 12 | 0 | 5.72 | .34 | .65 | .53 |
| 03C | 392334 | 760513 | 11/27/1974 | 705 | 5.4 | 270 | 12 | 0 | 5.77 | .34 | .65 | .53 |
| 04A | 92120 | 761058 | 12/14/1973 | 1141 | .0 | 300 | 5 | 2 | 4.36 | .04 | .10 | .12 |
| 04A | 92120 | 761058 | 12/14/1973 | 1139 | 2.0 | 300 | 5 | 2 | 4.36 | .04 | .11 | .12 |
| 04A | 92120 | 761058 | 12/14/1973 | 1138 | 4.0 | 300 | 5 | 2 | 4.39 | .05 | .12 | .13 |
| 04A | 92120 | 761058 | 12/14/1973 | 1137 | 6.0 | 300 | 5 | 2 | 4.41 | .06 | .14 | .15 |
| 04A | 92120 | 761058 | 12/14/1973 | 1135 | 7.4 | 300 | 5 | 2 | 4.49 | .07 | .15 | .16 |
| 04A | 392120 | 761058 | 01/23/1974 | 1316 | .0 | 240 | 4 | 0 | 2.17 | .15 | .30 | .25 |
| 04A | 392120 | 761058 | 01/23/1974 | 1314 | 2.0 | 240 | 4 | 0 | 2.13 | .15 | .30 | .25 |
| 04A | 392120 | 761058 | 01/23/1974 | 1312 | 4.0 | 240 | 4 | 0 | 1.85 | .16 | .33 | .27 |
| 04A | 392120 | 761058 | 01/23/1974 | 1310 | 6.6 | 240 | 4 | 0 | 1.70 | .32 | .60 | .48 |
| 04A | 392120 | 761058 | 02/12/1974 | 926 | .0 | 240 | 2 | 2 | 1.09 | .37 | .70 | .54 |
| 04A | 392120 | 761058 | 02/12/1974 | 924 | 2.0 | 240 | 2 | 2 | 1.06 | .47 | .88 | .68 |
| 04A | 392120 | 761058 | 02/12/1974 | 922 | 4.0 | 240 | 2 | 2 | 1.04 | .47 | .89 | .69 |
| 04A | 392120 | 761058 | 02/12/1974 | 920 | 6.4 | 240 | 2 | 2 | 1.08 | .56 | 1.04 | .81 |
| 04A | 392120 | 761058 | 03/20/1974 | 1246 | .0 | 40 | 8 | 1 | 6.11 | .03 | .09 | .07 |
| 04A | 392120 | 761058 | 03/20/1974 | 1244 | 2.0 | 40 | 8 | 1 | 5.98 | .03 | .09 | .08 |
| 04A | 392120 | 761058 | 03/20/1974 | 1242 | 4.0 | 40 | 8 | 1 | 5.89 | .05 | .12 | .10 |
| 04A | 392120 | 761058 | 03/20/1974 | 1240 | 6.5 | 40 | 8 | 1 | 5.89 | .06 | .13 | .11 |
| 04A | 392120 | 761058 | 05/02/1974 | 1308 | .0 | 135 | 4 | 0 | 16.80 | .04 | .10 | -1.05 |
| 04A | 392120 | 761058 | 05/02/1974 | 1306 | 2.0 | 135 | 4 | 0 | 16.62 | .01 | .06 | -1.05 |
| 04A | 392120 | 761058 | 05/02/1974 | 1304 | 4.0 | 135 | 4 | 0 | 16.58 | .02 | .06 | -1.04 |
| 04A | 392120 | 761058 | 05/02/1974 | 1302 | 6.0 | 135 | 4 | 0 | 16.55 | .02 | .06 | -1.04 |
| 04A | 392120 | 761058 | 05/02/1974 | 1300 | 6.9 | 135 | 4 | 0 | 16.50 | .02 | .07 | -1.03 |
| 04A | 392120 | 761058 | 06/13/1974 | 1606 | .0 | 225 | 7 | 0 | 24.06 | .87 | 1.60 | -1.45 |
| 04A | 392120 | 761058 | 06/13/1974 | 1604 | 2.0 | 225 | 7 | 0 | 23.02 | .91 | 1.67 | -1.14 |
| 04A | 392120 | 761058 | 06/13/1974 | 1602 | 4.0 | 225 | 7 | 0 | 22.05 | 1.82 | 3.32 | .33 |
| 04A | 392120 | 761058 | 06/13/1974 | 1600 | 6.3 | 225 | 7 | 0 | 21.35 | 2.60 | 4.72 | 1.56 |
| 04A | 392120 | 761058 | 07/31/1974 | 1201 | .0 | | | 0 | 26.99 | .99 | 1.82 | -2.06 |
| 04A | 392120 | 761058 | 07/31/1974 | 1159 | 2.0 | | | 0 | 26.69 | 1.09 | 1.99 | -1.85 |
| 04A | 392120 | 761058 | 07/31/1974 | 1157 | 4.0 | | | 0 | 26.57 | 1.16 | 2.12 | -1.71 |
| 04A | 392120 | 761058 | 07/31/1974 | 1155 | 5.4 | | | 0 | 26.52 | 1.18 | 2.16 | -1.67 |
| 04A | 392120 | 761058 | 09/19/1974 | 1113 | .0 | | 4 | 0 | 23.09 | 1.51 | 2.75 | -0.34 |

S SED AND HYDROGRAPHY DATA REPORT PART-A
75/07/18.

| STATION C202 | LATITUDE C222 | LONGITUDE C223 | DATE MM DD YY C203 | TIME HRS C204 | SAMPLE DEPT M C210 | WIND DIR D C205 | WIND KNTS C206 | WEATHER CODE C207 | WATER TEMP C C211 | CHLORNT H20 PPT C216 | SALINT H20 PPT C217 | WATER SIGMA T C218 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 04A | 392120 | 761058 | 09/19/1974 | 1111 | 2.0 | | 4 | 0 | 23.09 | 1.52 | 2.77 | -0.32 |
| 04A | 392120 | 761058 | 09/19/1974 | 1104 | 4.0 | | 4 | 0 | 23.10 | 1.65 | 3.01 | -0.15 |
| 04A | 392120 | 761058 | 09/19/1974 | 1107 | 6.0 | | 4 | 0 | 23.10 | 1.83 | 3.33 | -0.09 |
| 04A | 392120 | 761058 | 09/19/1974 | 1105 | 8.0 | | 4 | 0 | 23.12 | 1.81 | 3.30 | -0.07 |
| 04A | 392120 | 761058 | 11/27/1974 | 839 | .0 | 270 | 12 | 0 | 6.01 | 1.07 | 1.97 | 1.57 |
| 04A | 392120 | 761058 | 11/27/1974 | 837 | 2.0 | 270 | 12 | 0 | 6.19 | 1.35 | 2.47 | 1.96 |
| 04A | 392120 | 761058 | 11/27/1974 | 835 | 4.0 | 270 | 12 | 0 | 7.28 | 2.74 | 4.97 | 3.87 |
| 04A | 392120 | 761058 | 11/27/1974 | 832 | 6.0 | 270 | 12 | 0 | 7.54 | 3.17 | 5.75 | 4.47 |
| 04A | 392120 | 761058 | 11/27/1974 | 830 | 7.0 | 270 | 12 | 0 | 7.59 | 3.41 | 6.18 | 4.80 |
| 04B | 92052 | 761022 | 12/14/1973 | 1152 | .0 | 300 | 4 | 2 | 4.61 | .08 | .18 | .18 |
| 04B | 92052 | 761022 | 12/14/1973 | 1150 | 2.0 | 300 | 4 | 2 | 4.65 | .09 | .19 | .19 |
| 04B | 92052 | 761022 | 12/14/1973 | 1148 | 4.0 | 300 | 4 | 2 | 4.74 | .12 | .25 | .23 |
| 04B | 92052 | 761022 | 12/14/1973 | 1146 | 6.0 | 300 | 4 | 2 | 4.89 | .18 | .35 | .31 |
| 04B | 92052 | 761022 | 12/14/1973 | 1144 | 8.0 | 300 | 4 | 2 | 5.00 | .24 | .46 | .39 |
| 04B | 92052 | 761022 | 12/14/1973 | 1142 | 10.0 | 300 | 4 | 2 | 5.03 | .24 | .46 | .39 |
| 04B | 92052 | 761022 | 12/14/1973 | 1140 | 11.3 | 300 | 4 | 2 | 5.03 | .24 | .47 | .40 |
| 04B | 392052 | 761022 | 01/23/1974 | 1260 | .0 | 240 | 6 | | 1.98 | .15 | .29 | .24 |
| 04B | 392052 | 761022 | 01/23/1974 | 1258 | 2.0 | 240 | 6 | | 1.93 | .14 | .28 | .23 |
| 04B | 392052 | 761022 | 01/23/1974 | 1256 | 4.0 | 240 | 6 | | 1.64 | .26 | .50 | .40 |
| 04B | 392052 | 761022 | 01/23/1974 | 1254 | 6.0 | 240 | 6 | | 1.65 | .89 | 1.63 | 1.31 |
| 04B | 392052 | 761022 | 01/23/1974 | 1252 | 8.0 | 240 | 6 | | 1.69 | 1.06 | 1.94 | 1.57 |
| 04B | 392052 | 761022 | 01/23/1974 | 1250 | 10.0 | 240 | 6 | | 1.80 | 1.38 | 2.52 | 2.03 |
| 04B | 392052 | 761022 | 02/12/1974 | 955 | .0 | 240 | 2 | 2 | 1.67 | .65 | 1.20 | .97 |
| 04B | 392052 | 761022 | 02/12/1974 | 953 | 2.0 | 240 | 2 | 2 | 1.36 | .90 | 1.66 | 1.32 |
| 04B | 392052 | 761022 | 02/12/1974 | 951 | 4.0 | 240 | 2 | 2 | 1.47 | 1.02 | 1.87 | 1.50 |
| 04B | 392052 | 761022 | 02/12/1974 | 949 | 6.0 | 240 | 2 | 2 | 1.48 | 1.02 | 1.88 | 1.50 |
| 04B | 392052 | 761022 | 02/12/1974 | 947 | 8.0 | 240 | 2 | 2 | 1.55 | 1.09 | 2.00 | 1.61 |
| 04B | 392052 | 761022 | 02/12/1974 | 945 | 10.0 | 240 | 2 | 2 | 1.57 | 1.11 | 2.04 | 1.64 |
| 04B | 392052 | 761022 | 03/20/1974 | 1350 | .0 | 40 | 7 | 0 | 5.47 | .03 | .08 | .09 |
| 04B | 392052 | 761022 | 03/20/1974 | 1348 | 2.0 | 40 | 7 | 0 | 5.35 | .03 | .08 | .09 |
| 04B | 392052 | 761022 | 03/20/1974 | 1346 | 4.0 | 40 | 7 | 0 | 5.26 | .03 | .08 | .09 |
| 04B | 392052 | 761022 | 03/20/1974 | 1344 | 6.0 | 40 | 7 | 0 | 5.26 | .03 | .08 | .09 |
| 04B | 392052 | 761022 | 03/20/1974 | 1342 | 8.0 | 40 | 7 | 0 | 5.22 | .03 | .09 | .10 |
| 04B | 392052 | 761022 | 03/20/1974 | 1340 | 9.5 | 40 | 7 | 0 | 5.16 | .03 | .09 | .10 |
| 04B | 392052 | 761022 | 05/02/1974 | 1242 | .0 | 135 | 4 | 0 | 17.09 | .05 | .12 | -1.08 |
| 04B | 392052 | 761022 | 05/02/1974 | 1240 | 2.0 | 135 | 4 | 0 | 16.93 | .02 | .07 | -1.10 |
| 04B | 392052 | 761022 | 05/02/1974 | 1238 | 4.0 | 135 | 4 | 0 | 16.91 | .02 | .07 | -1.10 |
| 04B | 392052 | 761022 | 05/02/1974 | 1236 | 6.0 | 135 | 4 | 0 | 16.90 | .02 | .07 | -1.09 |
| 04B | 392052 | 761022 | 05/02/1974 | 1234 | 8.0 | 135 | 4 | 0 | 16.89 | .02 | .07 | -1.09 |
| 04B | 392052 | 761022 | 05/02/1974 | 1232 | 10.0 | 135 | 4 | 0 | 16.89 | .03 | .08 | -1.08 |
| 04B | 392052 | 761022 | 05/02/1974 | 1230 | 11.0 | 135 | 4 | 0 | 16.86 | .03 | .08 | -1.08 |
| 04B | 392052 | 761022 | 06/13/1974 | 1620 | .0 | 225 | 7 | 0 | 23.98 | 1.04 | 1.92 | -1.19 |
| 04B | 392052 | 761022 | 06/13/1974 | 1618 | 2.0 | 225 | 7 | 0 | 22.79 | 1.31 | 2.39 | -0.54 |
| 04B | 392052 | 761022 | 06/13/1974 | 1616 | 4.0 | 225 | 7 | 0 | 22.29 | 1.60 | 2.91 | -0.03 |
| 04B | 392052 | 761022 | 06/13/1974 | 1614 | 6.0 | 225 | 7 | 0 | 21.66 | 2.21 | 4.02 | .95 |
| 04B | 392052 | 761022 | 06/13/1974 | 1612 | 8.0 | 225 | 7 | 0 | 21.54 | 2.36 | 4.30 | 1.19 |
| 04B | 392052 | 761022 | 06/13/1974 | 1610 | 10.8 | 225 | 7 | 0 | 21.44 | 2.51 | 4.56 | 1.41 |
| 04B | 392052 | 761022 | 07/31/1974 | 1150 | .0 | | | 0 | 26.94 | 1.20 | 2.20 | -1.76 |
| 04B | 392052 | 761022 | 07/31/1974 | 1148 | 2.0 | | | 0 | 25.95 | 1.50 | 2.74 | -1.08 |
| 04B | 392052 | 761022 | 07/31/1974 | 1146 | 4.0 | | | 0 | 25.72 | 1.97 | 3.58 | -0.39 |

| STATION C202 | LATITUDE C222 | LONGITUDE C223 | DATE MM DD YY C203 | TIME HRS C204 | SAMPLE DEPT M C210 | WIND DIR D C205 | WIND KNTS C206 | WEATHER CODE C207 | WATER TEMP C C211 | CHLORNT H20 PPT C216 | SALINT H20 PPT C217 | WATER SIGMA T C218 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 04B | 392052 | 761022 | 07/31/1974 | 1144 | 6.0 | | | 0 | 25.59 | 2.19 | 3.99 | -0.05 |
| 04B | 392052 | 761022 | 07/31/1974 | 1142 | 8.0 | | | 0 | 25.52 | 2.36 | 4.29 | -0.19 |
| 04B | 392052 | 761022 | 07/31/1974 | 1140 | 10.5 | | | 0 | 25.51 | 2.50 | 4.54 | -0.38 |
| 04B | 392052 | 761022 | 09/19/1974 | 1127 | .0 | | | 0 | 23.54 | 1.50 | 2.73 | -0.47 |
| 04B | 392052 | 761022 | 09/19/1974 | 1125 | 2.0 | | | 0 | 23.14 | 1.78 | 3.25 | .02 |
| 04B | 392052 | 761022 | 09/19/1974 | 1123 | 4.0 | | | 0 | 23.14 | 1.84 | 3.35 | .10 |
| 04B | 392052 | 761022 | 09/19/1974 | 1121 | 6.0 | | | 0 | 23.14 | 1.87 | 3.41 | .14 |
| 04B | 392052 | 761022 | 09/19/1974 | 1119 | 8.0 | | | 0 | 23.14 | 1.87 | 3.41 | .15 |
| 04B | 392052 | 761022 | 09/19/1974 | 1117 | 10.0 | | | 0 | 23.13 | 1.89 | 3.45 | .17 |
| 04B | 392052 | 761022 | 09/19/1974 | 1115 | 11.0 | | | 0 | 23.13 | 1.91 | 3.48 | .20 |
| 04B | 392052 | 761022 | 11/27/1974 | 855 | .0 | 270 | 8 | 0 | 6.00 | 1.08 | 1.99 | 1.58 |
| 04B | 392052 | 761022 | 11/27/1974 | 853 | 2.0 | 270 | 8 | 0 | 6.07 | 1.02 | 1.88 | 1.49 |
| 04B | 392052 | 761022 | 11/27/1974 | 851 | 4.0 | 270 | 8 | 0 | 6.11 | 1.34 | 2.45 | 1.95 |
| 04B | 392052 | 761022 | 11/27/1974 | 849 | 6.0 | 270 | 8 | 0 | 6.88 | 2.12 | 3.86 | 3.02 |
| 04B | 392052 | 761022 | 11/27/1974 | 847 | 8.0 | 270 | 8 | 0 | 7.67 | 3.31 | 6.00 | 4.66 |
| 04B | 392052 | 761022 | 11/27/1974 | 845 | 10.5 | 270 | 8 | 0 | 8.05 | 4.39 | 7.96 | 6.16 |
| 04C | 92018 | 760940 | 12/14/1973 | 1159 | .0 | 300 | 5 | 2 | 5.10 | .19 | .38 | .33 |
| 04C | 92018 | 760940 | 12/14/1973 | 1158 | 2.0 | 300 | 5 | 2 | 5.10 | .20 | .39 | .34 |
| 04C | 92018 | 760940 | 12/14/1973 | 1156 | 4.0 | 300 | 5 | 2 | 5.12 | .22 | .42 | .37 |
| 04C | 92018 | 760940 | 12/14/1973 | 1155 | 5.3 | 300 | 5 | 2 | 5.14 | .24 | .46 | .39 |
| 04C | 392018 | 760940 | 01/23/1974 | 1239 | .0 | 240 | 8 | 0 | 1.86 | .43 | .81 | .65 |
| 04C | 392018 | 760940 | 01/23/1974 | 1237 | 2.0 | 240 | 8 | 0 | 1.82 | .46 | .86 | .70 |
| 04C | 392018 | 760940 | 01/23/1974 | 1235 | 4.2 | 240 | 8 | 0 | 1.78 | .50 | .94 | .76 |
| 04C | 392018 | 760940 | 02/12/1974 | 1011 | .0 | 240 | 0 | 0 | 1.41 | 1.13 | 2.06 | 1.65 |
| 04C | 392018 | 760940 | 02/12/1974 | 1009 | 2.0 | 240 | 0 | 0 | 1.37 | 1.13 | 2.06 | 1.65 |
| 04C | 392018 | 760940 | 02/12/1974 | 1007 | 4.0 | 240 | 0 | 0 | 1.32 | 1.16 | 2.12 | 1.69 |
| 04C | 392018 | 760940 | 02/12/1974 | 1005 | 5.0 | 240 | 0 | 0 | 1.45 | 1.16 | 2.13 | 1.71 |
| 04C | 392018 | 760940 | 03/20/1974 | 1316 | .0 | 40 | 8 | 1 | 5.48 | .04 | .10 | .10 |
| 04C | 392018 | 760940 | 03/20/1974 | 1314 | 2.0 | 40 | 8 | 1 | 5.40 | .04 | .10 | .10 |
| 04C | 392018 | 760940 | 03/20/1974 | 1312 | 4.0 | 40 | 8 | 1 | 5.36 | .04 | .10 | .10 |
| 04C | 392018 | 760940 | 03/20/1974 | 1310 | 5.5 | 40 | 8 | 1 | 5.35 | .04 | .10 | .10 |
| 04C | 392018 | 790940 | 05/02/1974 | 1221 | .0 | 135 | 4 | 0 | 16.69 | .06 | .14 | -1.00 |
| 04C | 392018 | 790940 | 05/02/1974 | 1219 | 2.0 | 135 | 4 | 0 | 16.56 | .04 | .10 | -1.01 |
| 04C | 392018 | 790940 | 05/02/1974 | 1217 | 4.0 | 135 | 4 | 0 | 16.50 | .04 | .10 | -1.00 |
| 04C | 392018 | 790940 | 05/02/1974 | 1215 | 6.0 | 135 | 4 | 0 | 16.45 | .04 | .10 | -0.99 |
| 04C | 392018 | 760940 | 06/13/1974 | 1629 | .0 | 225 | 7 | 0 | 23.77 | .80 | 1.48 | -1.47 |
| 04C | 392018 | 760940 | 06/13/1974 | 1627 | 2.0 | 225 | 7 | 0 | 23.28 | .88 | 1.61 | -1.25 |
| 04C | 392018 | 760940 | 06/13/1974 | 1625 | 3.4 | 225 | 7 | 0 | 23.12 | .90 | 1.66 | -1.17 |
| 04C | 392018 | 760940 | 07/31/1974 | 1136 | .0 | | | | 26.73 | 1.91 | 3.47 | -0.75 |
| 04C | 392018 | 760940 | 07/31/1974 | 1134 | 2.0 | | | | 25.79 | 1.94 | 3.54 | -0.44 |
| 04C | 392018 | 760940 | 07/31/1974 | 1132 | 4.0 | | | | 25.75 | 1.97 | 3.59 | -0.39 |
| 04C | 392018 | 760940 | 07/31/1974 | 1130 | 5.6 | | | | 25.74 | 1.99 | 3.62 | -0.36 |
| 04C | 392018 | 760940 | 09/19/1974 | 1139 | .0 | | | 0 | 23.49 | 1.52 | 2.77 | -0.43 |
| 04C | 392018 | 760940 | 09/19/1974 | 1137 | 2.0 | | | 0 | 23.09 | 1.71 | 3.11 | -0.07 |
| 04C | 392018 | 760940 | 09/19/1974 | 1135 | 4.0 | | | 0 | 23.13 | 1.97 | 3.59 | .28 |
| 04C | 392018 | 760940 | 09/19/1974 | 1133 | 6.0 | | | 0 | 23.12 | 2.06 | 3.75 | .40 |
| 04C | 392018 | 760940 | 11/27/1974 | 906 | .0 | 270 | 8 | 0 | 5.37 | .37 | .71 | .58 |
| 04C | 392018 | 760940 | 11/27/1974 | 904 | 2.0 | 270 | 8 | 0 | 5.43 | .30 | .57 | .48 |
| 04C | 392018 | 760940 | 11/27/1974 | 902 | 4.0 | 270 | 8 | 0 | 5.69 | .99 | 1.81 | 1.45 |
| 04C | 392018 | 760940 | 11/27/1974 | 900 | 5.8 | 270 | 8 | 0 | 5.90 | 1.04 | 1.90 | 1.52 |

| STATION C202 | LATITUDE C222 | LONGITUDE C223 | DATE MM DD YY C203 | TIME HRS C204 | SAMPLE DEPT M C210 | WIND DIR D C205 | WIND KNTS C206 | WEATHER CODE C207 | WATER TEMP C C211 | CHLORNT H20 PPT C216 | SALINT H20 PPT C217 | WATER SIGMA T C218 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 05A | 391637 | 761522 | 12/14/1973 | 1053 | .0 | 300 | 6 | 2 | 5.58 | .65 | 1.21 | .98 |
| 05A | 391637 | 761522 | 12/14/1973 | 1040 | .0 | 135 | 15 | 1 | 5.75 | .90 | 1.65 | 1.32 |
| 05A | 391637 | 761522 | 12/14/1973 | 1038 | 2.0 | 135 | 15 | 1 | 5.75 | .92 | 1.69 | 1.36 |
| 05A | 391637 | 761522 | 12/14/1973 | 1051 | 2.0 | 300 | 6 | 2 | 5.58 | .66 | 1.22 | .99 |
| 05A | 391637 | 761522 | 12/14/1973 | 1049 | 4.0 | 300 | 6 | 2 | 5.58 | .64 | 1.19 | .96 |
| 05A | 391637 | 761522 | 12/14/1973 | 1036 | 4.0 | 135 | 15 | 1 | 5.75 | .94 | 1.72 | 1.38 |
| 05A | 391637 | 761522 | 12/14/1973 | 1048 | 6.0 | 300 | 6 | 2 | 5.58 | .68 | 1.26 | 1.02 |
| 05A | 391637 | 761522 | 12/14/1973 | 1034 | 6.0 | 135 | 15 | 1 | 5.78 | 1.03 | 1.89 | 1.51 |
| 05A | 391637 | 761522 | 12/14/1973 | 1046 | 8.0 | 300 | 6 | 2 | 5.59 | .71 | 1.31 | 1.06 |
| 05A | 391637 | 761522 | 12/14/1973 | 1032 | 8.0 | 135 | 15 | 1 | 5.78 | 1.04 | 1.90 | 1.52 |
| 05A | 391637 | 761522 | 12/14/1973 | 1045 | 10.0 | 300 | 6 | 2 | 5.59 | .68 | 1.26 | 1.02 |
| 05A | 391637 | 761522 | 12/14/1973 | 1030 | 10.0 | 135 | 15 | 1 | 5.78 | 1.18 | 2.16 | 1.73 |
| 05A | 391637 | 761522 | 01/23/1974 | 1063 | .0 | 240 | 5 | 0 | 2.49 | 1.91 | 3.48 | 2.82 |
| 05A | 391637 | 761522 | 01/23/1974 | 1061 | 2.0 | 240 | 5 | 0 | 2.38 | 2.17 | 3.95 | 3.20 |
| 05A | 391637 | 761522 | 01/23/1974 | 1059 | 4.0 | 240 | 5 | 0 | 2.40 | 2.26 | 4.10 | 3.32 |
| 05A | 391637 | 761522 | 01/23/1974 | 1057 | 6.0 | 240 | 5 | 0 | 2.37 | 2.31 | 4.20 | 3.39 |
| 05A | 391637 | 761522 | 01/23/1974 | 1055 | 8.3 | 240 | 5 | 0 | 2.40 | 2.71 | 4.92 | 3.97 |
| 05A | 391637 | 761522 | 01/24/1974 | 938 | .0 | 15 | 7 | 2 | 2.82 | .99 | 1.83 | 1.49 |
| 05A | 391637 | 761522 | 01/24/1974 | 936 | 2.0 | 15 | 7 | 2 | 3.01 | 1.12 | 2.04 | 1.67 |
| 05A | 391637 | 761522 | 01/24/1974 | 934 | 4.0 | 15 | 7 | 2 | 3.07 | 1.34 | 2.54 | 2.00 |
| 05A | 391637 | 761522 | 01/24/1974 | 932 | 6.0 | 15 | 7 | 2 | 3.12 | 1.37 | 2.51 | 2.04 |
| 05A | 391637 | 761522 | 01/24/1974 | 930 | 7.5 | 15 | 7 | 2 | 3.25 | 1.39 | 2.54 | 2.07 |
| 05A | 391637 | 761522 | 02/12/1974 | 845 | .0 | 220 | 3 | 2 | 1.65 | 2.13 | 3.88 | 3.12 |
| 05A | 391637 | 761522 | 02/12/1974 | 843 | 2.0 | 220 | 3 | 2 | 1.63 | 2.13 | 3.88 | 3.12 |
| 05A | 391637 | 761522 | 02/12/1974 | 841 | 4.0 | 220 | 3 | 2 | 1.65 | 2.13 | 3.88 | 3.12 |
| 05A | 391637 | 761522 | 02/12/1974 | 839 | 6.0 | 220 | 3 | 2 | 1.72 | 2.30 | 4.18 | 3.37 |
| 05A | 391637 | 761522 | 02/12/1974 | 837 | 8.0 | 220 | 3 | 2 | 1.70 | 2.23 | 4.06 | 3.27 |
| 05A | 391637 | 761522 | 02/12/1974 | 835 | 10.0 | 220 | 3 | 2 | 1.71 | 2.26 | 4.11 | 3.31 |
| 05A | 391637 | 761522 | 03/20/1974 | 1125 | .0 | 40 | 10 | 1 | 5.76 | .32 | .61 | .50 |
| 05A | 391637 | 761522 | 03/20/1974 | 1123 | 2.0 | 40 | 10 | 1 | 5.68 | .32 | .61 | .50 |
| 05A | 391637 | 761522 | 03/20/1974 | 1121 | 4.0 | 40 | 10 | 1 | 5.66 | .33 | .63 | .51 |
| 05A | 391637 | 761522 | 03/20/1974 | 1119 | 6.0 | 40 | 10 | 1 | 5.65 | .33 | .62 | .51 |
| 05A | 391637 | 761522 | 03/20/1974 | 1117 | 8.0 | 40 | 10 | 1 | 5.63 | .38 | .71 | .58 |
| 05A | 391637 | 761522 | 03/20/1974 | 1115 | 10.5 | 40 | 10 | 1 | 5.60 | .37 | .70 | .57 |
| 05A | 391637 | 761522 | 03/21/1974 | 755 | .0 | 40 | 3 | | 5.86 | .53 | .98 | .79 |
| 05A | 391637 | 761522 | 03/21/1974 | 753 | 2.0 | 40 | 3 | | 5.90 | .57 | 1.07 | .86 |
| 05A | 391637 | 761522 | 03/21/1974 | 751 | 4.0 | 40 | 3 | | 5.91 | .59 | 1.10 | .88 |
| 05A | 391637 | 761522 | 03/21/1974 | 749 | 6.0 | 40 | 3 | | 5.91 | .62 | 1.15 | .92 |
| 05A | 391637 | 761522 | 03/21/1974 | 747 | 7.5 | 40 | 3 | | 5.92 | 1.15 | 2.11 | 1.68 |
| 05A | 391637 | 761522 | 03/21/1974 | 745 | 8.0 | 40 | 3 | | 5.92 | 1.32 | 2.40 | 1.92 |
| 05A | 391637 | 761522 | 05/02/1974 | 1115 | .0 | 45 | 5 | 1 | 16.00 | .24 | .46 | -0.64 |
| 05A | 391637 | 761522 | 05/02/1974 | 1113 | 2.0 | 45 | 5 | 1 | 15.84 | .29 | .56 | -0.54 |
| 05A | 391637 | 761522 | 05/02/1974 | 1111 | 4.0 | 45 | 5 | 1 | 15.52 | .42 | .78 | -0.32 |
| 05A | 391637 | 761522 | 05/02/1974 | 1109 | 6.0 | 45 | 5 | 1 | 15.00 | 1.09 | 1.99 | .70 |
| 05A | 391637 | 761522 | 05/02/1974 | 1107 | 8.0 | 45 | 5 | 1 | 13.59 | 2.59 | 4.70 | 3.00 |
| 05A | 391637 | 761522 | 05/02/1974 | 1105 | 10.0 | 45 | 5 | 1 | 12.67 | 3.38 | 6.13 | 4.23 |
| 05A | 391637 | 761522 | 05/03/1974 | 731 | .0 | 75 | 1 | 5 | 14.94 | .70 | 1.29 | .17 |
| 05A | 391637 | 761522 | 05/03/1974 | 729 | 2.0 | 75 | 1 | 5 | 14.96 | .70 | 1.29 | .16 |
| 05A | 391637 | 761522 | 05/03/1974 | 727 | 4.0 | 75 | 1 | 5 | 14.92 | .78 | 1.43 | .28 |
| 05A | 391637 | 761522 | 05/03/1974 | 725 | 6.5 | 75 | 1 | 5 | 14.82 | .83 | 1.53 | .37 |

| STAT ION C202 | LATI TUDE C222 | LONGI TUDE C223 | DATE MM DD YY C203 | TIME HRS C204 | SAMPLE DEPT M C210 | WIND DIR D C205 | WIND KNTS C206 | WEATHER CODE C207 | WATER TEMP C C211 | CHLORNT H20 PPT C216 | SALINT H20 PPT C217 | WATER SIGMA T C218 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 05A | 391637 | 761522 | 06/13/1974 | 753 | .0 | 25 | 5 | 1 | 22.14 | 1.44 | 2.63 | -0.21 |
| 05A | 391637 | 761522 | 06/13/1974 | 751 | 2.0 | 25 | 5 | 1 | 22.11 | 1.50 | 2.74 | -0.12 |
| 05A | 391637 | 761522 | 06/13/1974 | 749 | 4.0 | 25 | 5 | 1 | 22.02 | 1.63 | 2.97 | .08 |
| 05A | 391637 | 761522 | 06/13/1974 | 747 | 6.0 | 25 | 5 | 1 | 21.98 | 1.69 | 3.08 | .17 |
| 05A | 391637 | 761522 | 06/13/1974 | 745 | 7.0 | 25 | 5 | 1 | 22.02 | 1.71 | 3.11 | .18 |
| 05A | 391637 | 761522 | 06/14/1974 | 808 | .0 | 150 | 3 | 1 | 22.34 | 1.71 | 3.11 | .11 |
| 05A | 391637 | 761522 | 06/14/1974 | 806 | 2.0 | 150 | 3 | 1 | 22.30 | 1.74 | 3.18 | .17 |
| 05A | 391637 | 761522 | 06/14/1974 | 804 | 4.0 | 150 | 3 | 1 | 22.13 | 1.98 | 3.61 | .53 |
| 05A | 391637 | 761522 | 06/14/1974 | 802 | 6.0 | 150 | 3 | 1 | 22.03 | 2.13 | 3.88 | .76 |
| 05A | 391637 | 761522 | 06/14/1974 | 800 | 8.0 | 150 | 3 | 1 | 21.59 | 2.68 | 4.87 | 1.61 |
| 05A | 391637 | 761522 | 07/31/1974 | 1021 | .0 | 235 | 4 | 0 | 26.78 | 2.62 | 4.76 | .20 |
| 05A | 391637 | 761522 | 07/31/1974 | 1019 | 2.0 | 235 | 4 | 0 | 25.63 | 3.04 | 5.53 | 1.09 |
| 05A | 391637 | 761522 | 07/31/1974 | 1017 | 4.0 | 235 | 4 | 0 | 25.55 | 3.09 | 5.61 | 1.18 |
| 05A | 391637 | 761522 | 07/31/1974 | 1015 | 6.0 | 235 | 4 | 0 | 10.75 | 12.21 | 22.08 | 16.82 |
| 05A | 391637 | 761522 | 09/19/1974 | 1026 | .0 | | | 0 | 23.17 | 3.06 | 5.53 | 1.75 |
| 05A | 391637 | 761522 | 09/19/1974 | 1024 | 2.0 | | | 0 | 23.15 | 3.07 | 5.57 | 1.77 |
| 05A | 391637 | 761522 | 09/19/1974 | 1022 | 4.0 | | | 0 | 23.14 | 3.07 | 5.58 | 1.78 |
| 05A | 391637 | 761522 | 09/19/1974 | 1020 | 6.0 | | | 0 | 23.14 | 3.05 | 5.53 | 1.75 |
| 05A | 391637 | 761522 | 09/19/1974 | 1018 | 8.0 | | | 0 | 23.11 | 3.14 | 5.69 | 1.87 |
| 05A | 391637 | 761522 | 09/19/1974 | 1016 | 9.0 | | | 0 | 23.11 | 3.14 | 5.70 | 1.87 |
| 05A | 391637 | 761522 | 11/25/1974 | 1640 | .0 | 315 | 18 | 6 | 7.87 | 3.11 | 5.65 | 4.37 |
| 05A | 391637 | 761522 | 11/25/1974 | 1638 | 2.0 | 315 | 18 | 6 | 7.91 | 3.21 | 5.83 | 4.51 |
| 05A | 391637 | 761522 | 11/25/1974 | 1636 | 4.0 | 315 | 18 | 6 | 8.00 | 3.16 | 5.74 | 4.42 |
| 05A | 391637 | 761522 | 11/25/1974 | 1634 | 6.0 | 315 | 18 | 6 | 7.98 | 3.30 | 5.98 | 4.62 |
| 05A | 391637 | 761522 | 11/25/1974 | 1632 | 8.0 | 315 | 18 | 6 | 7.98 | 3.61 | 6.54 | 5.05 |
| 05A | 391637 | 761522 | 11/25/1974 | 1630 | 12.0 | 315 | 18 | 6 | 8.04 | 3.66 | 6.64 | 5.13 |
| 05B | 391614 | 761403 | 12/14/1973 | 1039 | .0 | 300 | 6 | 2 | 5.16 | .14 | .28 | .25 |
| 05B | 391614 | 761403 | 12/14/1973 | 1037 | 2.0 | 300 | 6 | 2 | 5.08 | .14 | .28 | .25 |
| 05B | 391614 | 761403 | 12/14/1973 | 1035 | 4.0 | 300 | 6 | 2 | 5.03 | .15 | .31 | .27 |
| 05B | 391614 | 761403 | 12/14/1973 | 1033 | 6.0 | 300 | 6 | 2 | 5.97 | 1.23 | 2.25 | 1.79 |
| 05B | 391614 | 761403 | 12/14/1973 | 1031 | 8.0 | 300 | 6 | 2 | 7.38 | 4.48 | 8.12 | 6.34 |
| 05B | 391614 | 761403 | 12/14/1973 | 1030 | 9.7 | 300 | 6 | 2 | 7.37 | 4.58 | 8.30 | 6.48 |
| 05B | 391614 | 761403 | 01/23/1974 | 1123 | .0 | 240 | 6 | | 2.48 | .95 | 1.75 | 1.43 |
| 05B | 391614 | 761403 | 01/23/1974 | 1121 | 2.0 | 240 | 6 | | 1.94 | 1.67 | 3.04 | 2.46 |
| 05B | 391614 | 761403 | 01/23/1974 | 1119 | 4.0 | 240 | 6 | | 2.25 | 2.58 | 4.69 | 3.79 |
| 05B | 391614 | 761403 | 01/23/1974 | 1117 | 6.0 | 240 | 6 | | 3.24 | 4.91 | 8.88 | 7.14 |
| 05B | 391614 | 761403 | 01/23/1974 | 1115 | 8.5 | 240 | 6 | | 3.92 | 6.21 | 11.25 | 9.00 |
| 05B | 391614 | 761403 | 02/12/1974 | 815 | .0 | 220 | 5 | 2 | 1.29 | 1.45 | 2.64 | 2.11 |
| 05B | 391614 | 761403 | 02/12/1974 | 813 | 2.0 | 220 | 5 | 2 | 1.27 | 1.46 | 2.66 | 2.13 |
| 05B | 391614 | 761403 | 02/12/1974 | 811 | 4.0 | 220 | 5 | 2 | 1.64 | 1.88 | 3.43 | 2.76 |
| 05B | 391614 | 761403 | 02/12/1974 | 809 | 6.0 | 220 | 5 | 2 | 1.99 | 2.68 | 4.87 | 3.93 |
| 05B | 391614 | 761403 | 02/12/1974 | 807 | 8.0 | 220 | 5 | 2 | 3.34 | 5.60 | 10.14 | 8.14 |
| 05B | 391614 | 761403 | 02/12/1974 | 805 | 9.6 | 220 | 5 | 2 | 3.46 | 5.86 | 10.61 | 8.51 |
| 05B | 391614 | 761403 | 03/20/1974 | 1148 | .0 | 40 | 10 | 1 | 5.57 | .14 | .28 | .24 |
| 05B | 391614 | 761403 | 03/20/1974 | 1146 | 2.0 | 40 | 10 | 1 | 5.53 | .14 | .29 | .25 |
| 05B | 391614 | 761403 | 03/20/1974 | 1144 | 4.0 | 40 | 10 | 1 | 5.42 | .44 | .83 | .68 |
| 05B | 391614 | 761403 | 03/20/1974 | 1142 | 6.0 | 40 | 10 | 1 | 5.68 | 2.01 | 3.66 | 2.92 |
| 05B | 391614 | 761403 | 03/20/1974 | 1140 | 8.5 | 40 | 10 | 1 | 5.92 | 3.63 | 6.58 | 5.22 |
| 05B | 391614 | 761403 | 05/02/1974 | 1043 | .0 | 45 | 5 | 1 | 15.68 | .36 | .67 | -0.42 |
| 05B | 391614 | 761403 | 05/02/1974 | 1041 | 2.0 | 45 | 5 | 1 | 15.57 | .33 | .62 | -0.44 |

| STATION C202 | LATITUDE C222 | LONGITUDE C223 | DATE MM DD YY C203 | TIME HRS C204 | SAMPLE DEPT M C210 | WIND DIR D C205 | WIND KNTS C206 | WEATHER CODE C207 | WATER TEMP C C211 | CHLORNT H20 PPT C216 | SALINT H20 PPT C217 | WATER SIGMA T C218 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 05B | 391614 | 761403 | 05/02/1974 | 1039 | 4.0 | 45 | 5 | 1 | 15.47 | .47 | .88 | -0.23 |
| 05B | 391614 | 761403 | 05/02/1974 | 1037 | 6.0 | 45 | 5 | 1 | 14.90 | 1.21 | 2.22 | .89 |
| 05B | 391614 | 761403 | 05/02/1974 | 1035 | 6.8 | 45 | 5 | 1 | 14.79 | 1.33 | 2.42 | 1.06 |
| 05B | 391614 | 761403 | 06/14/1974 | 752 | .0 | 150 | 3 | 1 | 22.12 | 2.03 | 3.70 | .61 |
| 05B | 391614 | 761403 | 06/14/1974 | 750 | 2.0 | 150 | 3 | 1 | 21.94 | 2.07 | 3.77 | .70 |
| 05B | 391614 | 761403 | 06/14/1974 | 748 | 4.0 | 150 | 3 | 1 | 21.80 | 2.36 | 4.28 | 1.12 |
| 05B | 391614 | 761403 | 06/14/1974 | 746 | 6.0 | 150 | 3 | 1 | 20.35 | 4.52 | 8.18 | 4.40 |
| 05B | 391614 | 761403 | 06/14/1974 | 744 | 8.0 | 150 | 3 | 1 | 19.24 | 5.42 | 9.81 | 5.88 |
| 05B | 391614 | 761403 | 06/14/1974 | 742 | 9.2 | 150 | 3 | 1 | 15.76 | 7.67 | 13.88 | 9.67 |
| 05B | 391614 | 761403 | 07/31/1974 | 1040 | .0 | 235 | 4 | 0 | 26.63 | 2.83 | 5.14 | .53 |
| 05B | 391614 | 761403 | 07/31/1974 | 1038 | 2.0 | 235 | 4 | 0 | 25.26 | 3.32 | 6.02 | 1.57 |
| 05B | 391614 | 761403 | 07/31/1974 | 1036 | 4.0 | 235 | 4 | 0 | 25.28 | 3.85 | 6.98 | 2.28 |
| 05B | 391614 | 761403 | 07/31/1974 | 1034 | 6.0 | 235 | 4 | 0 | 25.18 | 5.01 | 9.08 | 3.88 |
| 05B | 391614 | 761403 | 07/31/1974 | 1032 | 8.0 | 235 | 4 | 0 | 25.16 | 5.13 | 9.30 | 4.05 |
| 05B | 391614 | 761403 | 07/31/1974 | 1030 | 8.7 | 235 | 4 | 0 | 25.15 | 5.19 | 9.40 | 4.13 |
| 05B | 391614 | 761403 | 09/19/1974 | 1005 | .0 | | | 0 | 23.34 | 2.46 | 4.47 | .89 |
| 05B | 391614 | 761403 | 09/19/1974 | 1003 | 2.0 | | | 0 | 23.08 | 2.87 | 5.20 | 1.51 |
| 05B | 391614 | 761403 | 09/19/1974 | 1001 | 4.0 | | | 0 | 23.11 | 3.09 | 5.61 | 1.81 |
| 05B | 391614 | 761403 | 09/19/1974 | 959 | 6.0 | | | 0 | 23.18 | 4.76 | 8.62 | 4.06 |
| 05B | 391614 | 761403 | 09/19/1974 | 957 | 8.0 | | | 0 | 23.20 | 5.29 | 9.58 | 4.77 |
| 05B | 391614 | 761403 | 09/19/1974 | 955 | 9.0 | | | 0 | 23.20 | 5.30 | 9.59 | 4.78 |
| 05B | 391614 | 761403 | 11/25/1974 | 1708 | .0 | 315 | 16 | 6 | 7.98 | 2.81 | 5.11 | 3.93 |
| 05B | 391614 | 761403 | 11/25/1974 | 1706 | 2.0 | 315 | 16 | 6 | 8.05 | 2.76 | 5.01 | 3.85 |
| 05B | 391614 | 761403 | 11/25/1974 | 1704 | 4.0 | 315 | 16 | 6 | 8.24 | 2.94 | 5.34 | 4.09 |
| 05B | 391614 | 761403 | 11/25/1974 | 1702 | 6.0 | 315 | 16 | 6 | 8.96 | 6.30 | 11.41 | 8.77 |
| 05B | 391614 | 761403 | 11/25/1974 | 1700 | 8.0 | 315 | 16 | 6 | 9.09 | 6.93 | 12.54 | 9.64 |
| 05C | 391604 | 761329 | 12/14/1973 | 1026 | .0 | 300 | 4 | 2 | 5.10 | .17 | .33 | .29 |
| 05C | 391604 | 761329 | 12/14/1973 | 1024 | 2.0 | 300 | 4 | 2 | 5.27 | .32 | .61 | .51 |
| 05C | 391604 | 761329 | 12/14/1973 | 1022 | 4.0 | 300 | 4 | 2 | 5.44 | .61 | 1.14 | .92 |
| 05C | 391604 | 761329 | 12/14/1973 | 1020 | 5.3 | 300 | 4 | 2 | 5.59 | 1.02 | 1.87 | 1.50 |
| 05C | 391604 | 761329 | 01/23/1974 | 1144 | .0 | 240 | 7 | | 2.42 | .82 | 1.51 | 1.23 |
| 05C | 391604 | 761329 | 01/23/1974 | 1142 | 2.0 | 240 | 7 | | 2.12 | 1.71 | 3.11 | 2.52 |
| 05C | 391604 | 761329 | 01/23/1974 | 1140 | 4.4 | 240 | 7 | | 2.38 | 2.14 | 3.90 | 3.15 |
| 05C | 391604 | 761329 | 02/12/1974 | 754 | .0 | 220 | 6 | 2 | 1.35 | 1.56 | 2.85 | 2.29 |
| 05C | 391604 | 761329 | 02/12/1974 | 752 | 2.0 | 220 | 6 | 2 | 1.57 | 1.93 | 3.52 | 2.83 |
| 05C | 391604 | 761329 | 02/12/1974 | 750 | 4.5 | 220 | 6 | 2 | 1.92 | 2.62 | 4.76 | 3.84 |
| 05C | 391604 | 761329 | 03/20/1974 | 1206 | .0 | 40 | 10 | 1 | 5.96 | .25 | .48 | .38 |
| 05C | 391604 | 761329 | 03/20/1974 | 1204 | 2.0 | 40 | 10 | 1 | 5.96 | .25 | .48 | .38 |
| 05C | 391604 | 761329 | 03/20/1974 | 1202 | 4.0 | 40 | 10 | 1 | 5.65 | 1.50 | 2.73 | 2.18 |
| 05C | 391604 | 761329 | 03/20/1974 | 1200 | 6.0 | 40 | 10 | 1 | 5.91 | 3.36 | 6.10 | 4.84 |
| 05C | 391604 | 761329 | 05/01/1974 | 1023 | .0 | 45 | 4 | 1 | 15.87 | .29 | .56 | -0.54 |
| 05C | 391604 | 761329 | 05/01/1974 | 1021 | 2.0 | 45 | 4 | 1 | 15.64 | .27 | .51 | -0.54 |
| 05C | 391604 | 761329 | 05/01/1974 | 1019 | 4.0 | 45 | 4 | 1 | 15.49 | .43 | .81 | -0.29 |
| 05C | 391604 | 761329 | 05/01/1974 | 1017 | 6.0 | 45 | 4 | 1 | 14.89 | 1.44 | 2.63 | 1.21 |
| 05C | 391604 | 761329 | 05/01/1974 | 1015 | 6.7 | 45 | 4 | 1 | 14.39 | 1.98 | 3.61 | 2.04 |
| 05C | 391604 | 761329 | 06/14/1974 | 736 | .0 | | | 1 | 22.10 | 2.22 | 4.04 | .86 |
| 05C | 391604 | 761329 | 06/14/1974 | 734 | 2.0 | | | 1 | 22.02 | 2.24 | 4.07 | .91 |
| 05C | 391604 | 761329 | 06/14/1974 | 732 | 4.0 | | | 1 | 21.86 | 2.37 | 4.30 | 1.12 |
| 05C | 391604 | 761329 | 06/14/1974 | 730 | 4.9 | | | 1 | 20.50 | 4.07 | 7.38 | 3.76 |
| 05C | 391604 | 761329 | 07/31/1974 | 1054 | .0 | 235 | 4 | 0 | 25.75 | 3.21 | 5.82 | 1.28 |

| STAT ION C202 | LATI TUDE C222 | LONGI TUDE C223 | DATE MM DD YY C203 | TIME HRS C204 | SAMPLE DEPT M C210 | WIND DIR D C205 | WIND KNTS C206 | WEATHER CODE C207 | WATER TEMP C C211 | CHLORNT H20 PPT C216 | SALINT H20 PPT C217 | WATER SIGMA T C218 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 05C | 391604 | 761329 | 07/31/1974 | 1052 | 2.0 | 235 | 4 | 0 | 25.62 | 3.29 | 5.98 | 1.43 |
| 05C | 391604 | 761329 | 07/31/1974 | 1050 | 3.6 | 235 | 4 | 0 | 25.35 | 3.84 | 6.96 | 2.25 |
| 05C | 391604 | 761329 | 09/19/1974 | 956 | .0 | | | 0 | 23.37 | 2.52 | 4.59 | .97 |
| 05C | 391604 | 761329 | 09/19/1974 | 954 | 2.0 | | | 0 | 23.10 | 3.21 | 5.82 | 1.97 |
| 05C | 391604 | 761329 | 09/19/1974 | 952 | 4.0 | | | 0 | 23.09 | 3.42 | 6.21 | 2.27 |
| 05C | 391604 | 761329 | 09/19/1974 | 950 | 6.0 | | | 0 | 23.09 | 4.05 | 7.35 | 3.12 |
| 05C | 391604 | 761329 | 09/19/1974 | 940 | 7.0 | | | 0 | 23.08 | 4.07 | 7.38 | 3.15 |
| 06A | 391357 | 761932 | 12/14/1973 | 916 | .0 | 300 | 5 | 2 | 5.61 | 1.12 | 2.05 | 1.64 |
| 06A | 391357 | 761932 | 12/14/1973 | 914 | 2.0 | 300 | 5 | 2 | 5.63 | 1.25 | 2.28 | 1.83 |
| 06A | 391357 | 761932 | 12/14/1973 | 912 | 4.0 | 300 | 5 | 2 | 5.75 | 1.89 | 3.43 | 2.74 |
| 06A | 391357 | 761932 | 12/14/1973 | 910 | 6.0 | 300 | 5 | 2 | 5.82 | 2.08 | 3.78 | 3.01 |
| 06A | 391357 | 761932 | 01/23/1974 | 1026 | .0 | 240 | 5 | 0 | 2.46 | 2.03 | 3.70 | 2.99 |
| 06A | 391357 | 761932 | 01/23/1974 | 1024 | 2.0 | 240 | 5 | 0 | 2.39 | 2.74 | 4.98 | 4.02 |
| 06A | 391357 | 761932 | 01/23/1974 | 1022 | 4.0 | 240 | 5 | 0 | 2.54 | 2.99 | 5.42 | 4.38 |
| 06A | 391357 | 761932 | 01/23/1974 | 1020 | 5.7 | 240 | 5 | 0 | 2.68 | 3.39 | 6.15 | 4.96 |
| 06A | 391357 | 761932 | 02/12/1974 | 626 | .0 | 270 | 8 | 0 | 1.56 | 2.90 | 5.26 | 4.24 |
| 06A | 391357 | 761932 | 02/12/1974 | 624 | 2.0 | 270 | 8 | 0 | 1.57 | 2.90 | 5.27 | 4.24 |
| 06A | 391357 | 761932 | 02/12/1974 | 622 | 4.0 | 270 | 8 | 0 | 1.59 | 2.95 | 5.36 | 4.32 |
| 06A | 391357 | 761932 | 02/12/1974 | 620 | 5.0 | 270 | 8 | 0 | 1.60 | 2.95 | 5.35 | 4.31 |
| 06A | 391357 | 761932 | 03/20/1974 | 1036 | .0 | 40 | 10 | 1 | 5.83 | .68 | 1.26 | 1.01 |
| 06A | 391357 | 761932 | 03/20/1974 | 1034 | 2.0 | 40 | 10 | 1 | 5.79 | .69 | 1.28 | 1.02 |
| 06A | 391357 | 761932 | 03/20/1974 | 1032 | 4.0 | 40 | 10 | 1 | 5.76 | 1.59 | 2.90 | 2.32 |
| 06A | 391357 | 761932 | 03/20/1974 | 1030 | 5.5 | 40 | 10 | 1 | 5.84 | 2.02 | 3.67 | 2.92 |
| 06A | 391357 | 761932 | 05/01/1974 | 1000 | .0 | 45 | 5 | 0 | 15.70 | .63 | 1.16 | -0.05 |
| 06A | 391357 | 761932 | 05/01/1974 | 958 | 2.0 | 45 | 5 | 0 | 15.51 | .67 | 1.24 | .04 |
| 06A | 391357 | 761932 | 05/01/1974 | 956 | 4.0 | 45 | 5 | 0 | 14.73 | 1.57 | 2.86 | 1.41 |
| 06A | 391357 | 761932 | 05/01/1974 | 954 | 6.0 | 45 | 5 | 0 | 13.33 | 2.95 | 5.36 | 3.54 |
| 06A | 391357 | 761932 | 05/01/1974 | 952 | 8.0 | 45 | 5 | 0 | 12.33 | 3.66 | 6.63 | 4.66 |
| 06A | 391357 | 761932 | 05/01/1974 | 950 | 10.0 | 45 | 5 | 0 | 12.26 | 3.70 | 6.71 | 4.73 |
| 06A | 391357 | 761932 | 05/01/1974 | 948 | 10.6 | 45 | 5 | 0 | 12.25 | 3.71 | 6.72 | 4.74 |
| 06A | 391357 | 761932 | 06/14/1974 | 836 | .0 | 180 | 4 | 1 | 22.43 | 1.95 | 3.55 | .42 |
| 06A | 391357 | 761932 | 06/14/1974 | 834 | 2.0 | 180 | 4 | 1 | 22.28 | 2.02 | 3.68 | .55 |
| 06A | 391357 | 761932 | 06/14/1974 | 832 | 4.0 | 180 | 4 | 1 | 22.24 | 2.04 | 3.72 | .59 |
| 06A | 391357 | 761932 | 06/14/1974 | 830 | 4.9 | 180 | 4 | 1 | 22.24 | 2.04 | 3.72 | .59 |
| 06A | 391357 | 761932 | 07/31/1974 | 946 | .0 | | | 1 | 26.46 | 3.55 | 6.43 | 1.54 |
| 06A | 391357 | 761932 | 07/31/1974 | 944 | 2.0 | | | 1 | 25.81 | 3.90 | 7.06 | 2.19 |
| 06A | 391357 | 761932 | 07/31/1974 | 942 | 4.0 | | | 1 | 25.74 | 4.10 | 7.43 | 2.49 |
| 06A | 391357 | 761932 | 07/31/1974 | 940 | 5.2 | | | 1 | 25.73 | 4.16 | 7.54 | 2.57 |
| 06A | 391357 | 761932 | 09/19/1974 | 821 | .0 | 90 | 5 | 0 | 22.89 | 4.04 | 7.31 | 3.15 |
| 06A | 391357 | 761932 | 09/19/1974 | 819 | 2.0 | 90 | 5 | 0 | 22.90 | 4.07 | 7.38 | 3.20 |
| 06A | 391357 | 761932 | 09/19/1974 | 817 | 4.0 | 90 | 5 | 0 | 22.89 | 4.09 | 7.41 | 3.22 |
| 06A | 391357 | 761932 | 09/19/1974 | 815 | 6.0 | 90 | 5 | 0 | 22.87 | 4.09 | 7.42 | 3.23 |
| 06A | 391357 | 761932 | 11/25/1974 | 1511 | .0 | 315 | 12 | 9 | 8.31 | 4.50 | 8.15 | 6.29 |
| 06A | 391357 | 761932 | 11/25/1974 | 1509 | 2.0 | 315 | 12 | 9 | 8.33 | 4.58 | 8.29 | 6.40 |
| 06A | 391357 | 761932 | 11/25/1974 | 1507 | 4.0 | 315 | 12 | 9 | 8.34 | 5.00 | 9.06 | 6.99 |
| 06A | 391357 | 761932 | 11/25/1974 | 1505 | 6.4 | 315 | 12 | 9 | 8.56 | 5.63 | 10.19 | 7.86 |
| 06B | 391322 | 761720 | 12/14/1973 | 934 | .0 | 300 | 5 | 2 | 5.77 | 1.53 | 2.80 | 2.23 |
| 06B | 391322 | 761720 | 12/14/1973 | 932 | 2.0 | 300 | 5 | 2 | 5.79 | 1.54 | 2.80 | 2.24 |
| 06B | 391322 | 761720 | 12/14/1973 | 930 | 4.0 | 300 | 5 | 2 | 5.88 | 1.53 | 2.79 | 2.22 |
| 06B | 391322 | 761720 | 01/23/1974 | 957 | .0 | 240 | 8 | 0 | 2.39 | 2.08 | 3.79 | 3.06 |

| STAT ION C202 | LATI TUDE C222 | LONGI TUDE C223 | DATE MM DD YY C203 | TIME HRS C204 | SAMPLE DEPT M C210 | WIND DIR D C205 | WIND KNTS C206 | WEATHER CODE C207 | WATER TEMP C C211 | CHLORNT H20 PPT C216 | SALINT H20 PPT C217 | WATER SIGMA T C218 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 06B | 391322 | 761720 | 01/23/1974 | 955 | 2.3 | 240 | 8 | 0 | 2.53 | 2.88 | 5.23 | 4.22 |
| 06B | 391322 | 761720 | 02/12/1974 | 647 | .0 | 270 | 7 | 0 | 1.64 | 2.96 | 5.38 | 4.33 |
| 06B | 391322 | 761720 | 02/12/1974 | 645 | 2.6 | 270 | 7 | 0 | 1.70 | 2.99 | 5.43 | 4.37 |
| 06B | 391322 | 761720 | 03/20/1974 | 1014 | .0 | 40 | 10 | 1 | 5.65 | .69 | 1.28 | 1.03 |
| 06B | 391322 | 761720 | 03/20/1974 | 1012 | 2.0 | 40 | 10 | 1 | 5.62 | .69 | 1.28 | 1.04 |
| 06B | 391322 | 761720 | 03/20/1974 | 1010 | 3.0 | 40 | 10 | 1 | 5.60 | .71 | 1.31 | 1.06 |
| 06B | 391322 | 761720 | 05/01/1974 | 914 | .0 | 45 | 4 | 1 | 15.53 | 1.03 | 1.88 | .53 |
| 06B | 391322 | 761720 | 05/01/1974 | 912 | 2.0 | 45 | 4 | 1 | 15.41 | 1.00 | 1.83 | .51 |
| 06B | 391322 | 761720 | 05/01/1974 | 910 | 3.5 | 45 | 4 | 1 | 15.41 | 1.00 | 1.84 | .52 |
| 06B | 391322 | 761720 | 06/14/1974 | 849 | .0 | | | 1 | 22.52 | 2.14 | 3.89 | .66 |
| 06B | 391322 | 761720 | 06/14/1974 | 847 | 2.0 | | | 1 | 22.25 | 2.35 | 4.27 | 1.01 |
| 06B | 391322 | 761720 | 06/14/1974 | 845 | 2.9 | | | 1 | 22.19 | 2.48 | 4.50 | 1.19 |
| 06B | 391322 | 761720 | 07/31/1974 | 929 | .0 | 235 | 5 | 1 | 26.01 | 4.01 | 7.27 | 2.29 |
| 06B | 391322 | 761720 | 07/31/1974 | 927 | 2.0 | 235 | 5 | 1 | 25.67 | 4.19 | 7.58 | 2.62 |
| 06B | 391322 | 761720 | 07/31/1974 | 925 | 2.4 | 235 | 5 | 1 | 25.57 | 4.34 | 7.87 | 2.87 |
| 06B | 391322 | 761720 | 09/19/1974 | 834 | .0 | 90 | 5 | 0 | 23.09 | 4.38 | 7.94 | 3.57 |
| 06B | 391322 | 761720 | 09/19/1974 | 832 | 2.0 | 90 | 5 | 0 | 23.08 | 4.38 | 7.94 | 3.57 |
| 06B | 391322 | 761720 | 09/19/1974 | 830 | 4.0 | 90 | 5 | 0 | 23.05 | 4.38 | 7.94 | 3.58 |
| 06B | 391322 | 761720 | 11/25/1974 | 1535 | .0 | 315 | 17 | 6 | 8.20 | 3.84 | 6.95 | 5.36 |
| 06B | 391322 | 761720 | 11/25/1974 | 1532 | 2.0 | 315 | 17 | 6 | 8.29 | 3.85 | 6.98 | 5.38 |
| 06B | 391322 | 761720 | 11/25/1974 | 1530 | 4.0 | 315 | 17 | 6 | 8.22 | 3.93 | 7.13 | 5.50 |
| 06C | 391247 | 761507 | 12/14/1973 | 1062 | .0 | 300 | 5 | 2 | 5.70 | .77 | 1.42 | 1.14 |
| 06C | 391247 | 761507 | 12/14/1973 | 1060 | 2.0 | 300 | 5 | 2 | 5.94 | 1.44 | 2.63 | 2.09 |
| 06C | 391247 | 761507 | 12/14/1973 | 959 | 4.0 | 300 | 5 | 2 | 6.70 | 2.81 | 5.10 | 4.01 |
| 06C | 391247 | 761507 | 12/14/1973 | 957 | 6.0 | 300 | 5 | 2 | 7.05 | 3.80 | 6.89 | 5.40 |
| 06C | 391247 | 761507 | 12/14/1973 | 955 | 8.0 | 300 | 5 | 2 | 7.09 | 4.05 | 7.33 | 5.74 |
| 06C | 391247 | 761507 | 12/14/1973 | 953 | 10.0 | 300 | 5 | 2 | 7.20 | 4.42 | 8.00 | 6.26 |
| 06C | 391247 | 761507 | 12/14/1973 | 951 | 12.0 | 300 | 5 | 2 | 7.27 | 4.64 | 8.41 | 6.57 |
| 06C | 391247 | 761507 | 12/14/1973 | 950 | 14.4 | 300 | 5 | 2 | 7.40 | 4.86 | 8.80 | 6.87 |
| 06C | 391247 | 761507 | 01/23/1974 | 939 | .0 | 140 | 5 | 0 | 3.01 | 2.77 | 5.04 | 4.07 |
| 06C | 391247 | 761507 | 01/23/1974 | 937 | 2.0 | 140 | 5 | 0 | 3.21 | 4.09 | 7.41 | 5.96 |
| 06C | 391247 | 761507 | 01/23/1974 | 935 | 4.0 | 140 | 5 | 0 | 3.29 | 4.62 | 8.37 | 6.73 |
| 06C | 391247 | 761507 | 01/23/1974 | 933 | 6.0 | 140 | 5 | 0 | 3.72 | 5.57 | 10.08 | 8.07 |
| 06C | 391247 | 761507 | 01/23/1974 | 931 | 8.0 | 140 | 5 | 0 | 3.87 | 5.97 | 10.80 | 8.64 |
| 06C | 391247 | 761507 | 01/23/1974 | 929 | 10.0 | 140 | 5 | 0 | 4.02 | 6.44 | 11.66 | 9.32 |
| 06C | 391247 | 761507 | 01/23/1974 | 927 | 12.0 | 140 | 5 | 0 | 4.14 | 6.56 | 11.88 | 9.49 |
| 06C | 391247 | 761507 | 01/23/1974 | 925 | 14.0 | 140 | 5 | 0 | 4.17 | 6.56 | 11.88 | 9.49 |
| 06C | 391247 | 761507 | 02/12/1974 | 720 | .0 | 320 | 7 | 1 | 1.45 | 2.10 | 3.82 | 3.07 |
| 06C | 391247 | 761507 | 02/12/1974 | 718 | 2.0 | 320 | 7 | 1 | 1.81 | 2.45 | 4.46 | 3.60 |
| 06C | 391247 | 761507 | 02/12/1974 | 716 | 4.0 | 320 | 7 | 1 | 2.03 | 2.91 | 5.28 | 4.26 |
| 06C | 391247 | 761507 | 02/12/1974 | 714 | 6.0 | 320 | 7 | 1 | 2.21 | 3.36 | 6.10 | 4.92 |
| 06C | 391247 | 761507 | 02/12/1974 | 712 | 8.0 | 320 | 7 | 1 | 3.07 | 5.05 | 9.15 | 7.35 |
| 06C | 391247 | 761507 | 02/12/1974 | 710 | 10.5 | 320 | 7 | 1 | 3.53 | 6.07 | 10.99 | 8.80 |
| 06C | 391247 | 761507 | 03/20/1974 | 952 | .0 | 40 | 10 | 1 | 5.72 | 1.22 | 2.24 | 1.79 |
| 06C | 391247 | 761507 | 03/20/1974 | 950 | 2.0 | 40 | 10 | 1 | 5.70 | 1.21 | 2.21 | 1.77 |
| 06C | 391247 | 761507 | 03/20/1974 | 948 | 4.0 | 40 | 10 | 1 | 5.78 | 2.58 | 4.68 | 3.73 |
| 06C | 391247 | 761507 | 03/20/1974 | 946 | 6.0 | 40 | 10 | 1 | 5.92 | 3.36 | 6.09 | 4.83 |
| 06C | 391247 | 761507 | 03/20/1974 | 944 | 8.0 | 40 | 10 | 1 | 5.94 | 3.99 | 7.24 | 5.74 |
| 06C | 391247 | 761507 | 03/20/1974 | 942 | 10.0 | 40 | 10 | 1 | 5.93 | 4.67 | 8.47 | 6.71 |
| 06C | 391247 | 761507 | 03/20/1974 | 940 | 11.5 | 40 | 10 | 1 | 5.93 | 4.78 | 8.66 | 6.86 |

| STAT ION C202 | LATI TUDE C222 | LONGI TUDE C223 | DATE MM DD YY C203 | TIME HRS C204 | SAMPLE DEPT M C210 | WIND DIR D C205 | WIND KNTS C206 | WEATHER CODE C207 | WATER TEMP C C211 | CHLORNT H20 PPT C216 | SALINT H20 PPT C217 | WATER SIGMA T C218 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 06C | 391247 | 761507 | 05/02/1974 | 842 | .0 | 45 | 5 | 0 | 15.03 | 1.47 | 2.68 | 1.22 |
| 06C | 391247 | 761507 | 05/02/1974 | 840 | 2.0 | 45 | 5 | 0 | 14.87 | 1.47 | 2.68 | 1.25 |
| 06C | 391247 | 761507 | 05/02/1974 | 838 | 4.0 | 45 | 5 | 0 | 14.40 | 2.17 | 3.96 | 2.30 |
| 06C | 391247 | 761507 | 05/02/1974 | 836 | 6.0 | 45 | 5 | 0 | 13.40 | 3.07 | 5.57 | 3.70 |
| 06C | 391247 | 761507 | 05/02/1974 | 834 | 8.0 | 45 | 5 | 0 | 12.62 | 3.55 | 6.44 | 4.48 |
| 06C | 391247 | 761507 | 05/02/1974 | 832 | 10.0 | 45 | 5 | 0 | 12.50 | 3.62 | 6.56 | 4.58 |
| 06C | 391247 | 761507 | 05/02/1974 | 830 | 12.0 | 45 | 5 | 0 | 12.43 | 3.66 | 6.63 | 4.65 |
| 06C | 391247 | 761507 | 05/02/1974 | 828 | 14.0 | 45 | 5 | 0 | 12.36 | 3.68 | 6.66 | 4.68 |
| 06C | 391247 | 761507 | 06/14/1974 | 912 | .0 | 180 | 4 | 1 | 22.21 | 2.70 | 4.91 | 1.50 |
| 06C | 391247 | 761507 | 06/14/1974 | 910 | 2.0 | 180 | 4 | 1 | 22.09 | 3.13 | 5.68 | 2.11 |
| 06C | 391247 | 761507 | 06/14/1974 | 908 | 4.0 | 180 | 4 | 1 | 20.74 | 4.44 | 8.04 | 4.21 |
| 06C | 391247 | 761507 | 06/14/1974 | 906 | 6.0 | 180 | 4 | 1 | 19.56 | 5.27 | 9.54 | 5.61 |
| 06C | 391247 | 761507 | 06/14/1974 | 904 | 8.0 | 180 | 4 | 1 | 18.76 | 6.00 | 10.86 | 6.78 |
| 06C | 391247 | 761507 | 06/14/1974 | 902 | 10.0 | 180 | 4 | 1 | 18.06 | 6.80 | 12.30 | 8.02 |
| 06C | 391247 | 761507 | 06/14/1974 | 900 | 12.5 | 180 | 4 | 1 | 17.98 | 6.79 | 12.29 | 8.03 |
| 06C | 391247 | 761507 | 07/31/1974 | 912 | .0 | 235 | 4 | 1 | 25.66 | 5.33 | 9.66 | 4.18 |
| 06C | 391247 | 761507 | 07/31/1974 | 910 | 2.0 | 235 | 4 | 1 | 25.60 | 4.80 | 8.69 | 3.47 |
| 06C | 391247 | 761507 | 07/31/1974 | 908 | 4.0 | 235 | 4 | 1 | 25.63 | 5.16 | 9.35 | 3.96 |
| 06C | 391247 | 761507 | 07/31/1974 | 906 | 6.0 | 235 | 4 | 1 | 25.36 | 5.33 | 9.66 | 4.26 |
| 06C | 391247 | 761507 | 07/31/1974 | 904 | 8.0 | 235 | 4 | 1 | 25.27 | 5.45 | 9.87 | 4.45 |
| 06C | 391247 | 761507 | 07/31/1974 | 902 | 10.0 | 235 | 4 | 1 | 25.04 | 5.60 | 10.14 | 4.71 |
| 06C | 391247 | 761507 | 07/31/1974 | 900 | 10.8 | 235 | 4 | 1 | 25.03 | 5.61 | 10.16 | 4.73 |
| 06C | 391247 | 761507 | 09/19/1974 | 904 | .0 | 90 | 5 | 0 | 23.03 | 4.07 | 7.37 | 3.15 |
| 06C | 391247 | 761507 | 09/19/1974 | 902 | 2.0 | 90 | 5 | 0 | 23.11 | 4.11 | 7.45 | 3.20 |
| 06C | 391247 | 761507 | 09/19/1974 | 900 | 4.0 | 90 | 5 | 0 | 23.18 | 5.06 | 9.16 | 4.46 |
| 06C | 391247 | 761507 | 09/19/1974 | 858 | 6.0 | 90 | 5 | 0 | 23.20 | 5.20 | 9.42 | 4.65 |
| 06C | 391247 | 761507 | 09/19/1974 | 856 | 8.0 | 90 | 5 | 0 | 23.22 | 5.40 | 9.78 | 4.92 |
| 06C | 391247 | 761507 | 09/19/1974 | 854 | 10.0 | 90 | 5 | 0 | 23.22 | 5.70 | 10.32 | 5.33 |
| 06C | 391247 | 761507 | 09/19/1974 | 852 | 12.0 | 90 | 5 | 0 | 23.22 | 5.78 | 10.47 | 5.44 |
| 06C | 391247 | 761507 | 09/19/1974 | 850 | 13.0 | 90 | 5 | 0 | 23.19 | 5.79 | 10.48 | 5.46 |
| 06C | 391247 | 761507 | 11/25/1974 | 1602 | .0 | 315 | 18 | 6 | 8.27 | 3.25 | 5.90 | 4.53 |
| 06C | 391247 | 761507 | 11/25/1974 | 1600 | 2.0 | 315 | 18 | 6 | 8.30 | 3.27 | 5.94 | 4.56 |
| 06C | 391247 | 761507 | 11/25/1974 | 1558 | 4.0 | 315 | 18 | 6 | 8.78 | 6.32 | 11.43 | 8.81 |
| 06C | 391247 | 761507 | 11/25/1974 | 1556 | 6.0 | 315 | 18 | 6 | 9.13 | 6.93 | 12.54 | 9.64 |
| 06C | 391247 | 761507 | 11/25/1974 | 1554 | 8.0 | 315 | 18 | 6 | 9.22 | 7.00 | 12.66 | 9.72 |
| 06C | 391247 | 761507 | 11/25/1974 | 1552 | 10.0 | 315 | 18 | 6 | 9.28 | 7.06 | 12.77 | 9.79 |
| 06C | 391247 | 761507 | 11/25/1974 | 1550 | 13.0 | 315 | 18 | 6 | 9.28 | 7.16 | 12.96 | 9.94 |
| 07A | 391528 | 763423 | 12/13/1973 | 1435 | .0 | 140 | 15 | 2 | 7.85 | 5.17 | 9.36 | 7.27 |
| 07A | 391528 | 763423 | 12/13/1973 | 1445 | 2.0 | 140 | 15 | 2 | 7.88 | 5.17 | 9.37 | 7.28 |
| 07A | 391528 | 763423 | 12/13/1973 | 1455 | 4.0 | 140 | 15 | 2 | 8.19 | 4.98 | 9.03 | 6.99 |
| 07A | 391528 | 763423 | 12/13/1973 | 1510 | 6.5 | 140 | 15 | 2 | 7.93 | 5.18 | 9.38 | 7.29 |
| 07A | 391528 | 763423 | 01/23/1974 | 1208 | .0 | 165 | 5 | 4 | 6.40 | 3.06 | 5.56 | 4.39 |
| 07A | 391528 | 763423 | 01/23/1974 | 1206 | 2.0 | 165 | 5 | 4 | 5.40 | 3.59 | 6.52 | 5.19 |
| 07A | 391528 | 763423 | 01/23/1974 | 1204 | 4.0 | 165 | 5 | 4 | 5.58 | 3.90 | 7.08 | 5.63 |
| 07A | 391528 | 763423 | 01/23/1974 | 1202 | 6.0 | 165 | 5 | 4 | 5.75 | 5.12 | 9.27 | 7.35 |
| 07A | 391528 | 763423 | 01/23/1974 | 1200 | 8.0 | 165 | 5 | 4 | 5.51 | 5.42 | 9.81 | 7.79 |
| 07A | 391528 | 763423 | 01/24/1974 | 1015 | .0 | 315 | 9 | 2 | 4.79 | 3.73 | 6.77 | 5.42 |
| 07A | 391528 | 763423 | 01/24/1974 | 1020 | 2.0 | 315 | 9 | 2 | 4.81 | 3.74 | 6.79 | 5.43 |
| 07A | 391528 | 763423 | 01/24/1974 | 1050 | 4.0 | 315 | 9 | 2 | 4.24 | 4.23 | 7.66 | 6.14 |
| 07A | 391528 | 763423 | 01/24/1974 | 1110 | 6.0 | 315 | 9 | 2 | 4.11 | 4.96 | 8.98 | 7.20 |

| STAT ION C202 | LATI TUDE C222 | LONGI TUDE C223 | DATE MM DD YY C203 | TIME HRS C204 | SAMPLE DEPT M C210 | WIND DIR D C205 | WIND KNTS C206 | WEATHER CODE C207 | WATER TEMP C C211 | CHLORNT H20 PPT C216 | SALINT H20 PPT C217 | WATER SIGMA T C218 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 07A | 391528 | 763423 | 01/24/1974 | 1130 | 8.0 | 315 | 9 | 2 | 4.23 | 5.79 | 10.47 | 8.37 |
| 07A | 391528 | 763423 | 01/24/1974 | 1140 | 9.0 | 315 | 9 | 2 | 4.25 | 6.08 | 11.01 | 8.80 |
| 07A | 391528 | 763423 | 03/21/1974 | 1310 | .0 | 250 | 17 | 1 | 7.23 | 3.63 | 6.58 | 5.14 |
| 07A | 391528 | 763423 | 03/21/1974 | 1308 | 2.0 | 250 | 17 | 1 | 7.22 | 3.63 | 6.59 | 5.15 |
| 07A | 391528 | 763423 | 03/21/1974 | 1306 | 4.0 | 250 | 17 | 1 | 7.16 | 3.64 | 6.59 | 5.16 |
| 07A | 391528 | 763423 | 03/21/1974 | 1304 | 6.0 | 250 | 17 | 1 | 7.06 | 3.92 | 7.11 | 5.57 |
| 07A | 391528 | 763423 | 03/21/1974 | 1302 | 8.0 | 250 | 17 | 1 | 7.17 | 3.98 | 7.21 | 5.64 |
| 07A | 391528 | 763423 | 03/21/1974 | 1300 | 9.0 | 250 | 17 | 1 | 7.27 | 4.03 | 7.30 | 5.71 |
| 07A | 391528 | 763423 | 05/02/1974 | 1410 | .0 | 140 | 10 | 2 | 15.98 | 2.77 | 5.03 | 2.87 |
| 07A | 391528 | 763423 | 05/02/1974 | 1411 | .0 | | | | 16.06 | 2.77 | 5.03 | 2.86 |
| 07A | 391528 | 763423 | 05/02/1974 | 1408 | 2.0 | 140 | 10 | 2 | 15.91 | 2.78 | 5.04 | 2.89 |
| 07A | 391528 | 763423 | 05/02/1974 | 1409 | 2.0 | | | | 15.96 | 2.78 | 5.04 | 2.88 |
| 07A | 391528 | 763423 | 05/02/1974 | 1406 | 4.0 | 140 | 10 | 2 | 15.59 | 2.78 | 5.04 | 2.95 |
| 07A | 391528 | 763423 | 05/02/1974 | 1407 | 4.0 | | | | 15.66 | 2.78 | 5.04 | 2.94 |
| 07A | 391528 | 763423 | 05/02/1974 | 1404 | 6.0 | 140 | 10 | 2 | 15.54 | 2.81 | 5.09 | 3.00 |
| 07A | 391528 | 763423 | 05/02/1974 | 1405 | 6.0 | | | | 15.56 | 2.82 | 5.12 | 3.01 |
| 07A | 391528 | 763423 | 05/02/1974 | 1402 | 8.0 | 140 | 10 | 2 | 15.12 | 3.09 | 5.60 | 3.46 |
| 07A | 391528 | 763423 | 05/02/1974 | 1403 | 8.0 | | | | 15.10 | 3.12 | 5.66 | 3.50 |
| 07A | 391528 | 763423 | 05/02/1974 | 1401 | 10.0 | | | | 13.97 | 3.60 | 6.53 | 4.35 |
| 07A | 391528 | 763423 | 05/02/1974 | 1400 | 10.0 | 140 | 10 | 2 | 14.07 | 3.48 | 6.31 | 4.17 |
| 07A | 391528 | 763423 | 08/01/1974 | 918 | .7 | | | 4 | 26.45 | 4.62 | 8.37 | 3.00 |
| 07A | 391528 | 763423 | 08/01/1974 | 916 | 2.7 | | | 4 | 26.22 | 4.66 | 8.43 | 3.11 |
| 07A | 391528 | 763423 | 08/01/1974 | 914 | 4.7 | | | 4 | 26.03 | 4.80 | 8.68 | 3.35 |
| 07A | 391528 | 763423 | 08/01/1974 | 912 | 6.7 | | | 4 | 25.75 | 4.97 | 9.00 | 3.66 |
| 07A | 391528 | 763423 | 08/01/1974 | 910 | 8.7 | | | 4 | 25.31 | 5.27 | 9.54 | 4.19 |
| 07A | 391528 | 763423 | 09/18/1974 | 1433 | .0 | 340 | 9 | 0 | 24.43 | 5.24 | 9.48 | 4.38 |
| 07A | 391528 | 763423 | 09/18/1974 | 1431 | 2.0 | 340 | 9 | 0 | 24.34 | 5.26 | 9.53 | 4.44 |
| 07A | 391528 | 763423 | 09/18/1974 | 1429 | 4.0 | 340 | 9 | 0 | 24.24 | 5.32 | 9.63 | 4.54 |
| 07A | 391528 | 763423 | 09/18/1974 | 1427 | 6.0 | 340 | 9 | 0 | 24.24 | 5.41 | 9.80 | 4.67 |
| 07A | 391528 | 763423 | 09/18/1974 | 1425 | 8.0 | 340 | 9 | 0 | 24.33 | 5.73 | 10.37 | 5.07 |
| 07A | 391528 | 763423 | 09/18/1974 | 1423 | 9.0 | 340 | 9 | 0 | 24.34 | 5.91 | 10.70 | 5.32 |
| 07A | 391528 | 763423 | 11/25/1974 | 1337 | .0 | 315 | 17 | 6 | 10.01 | 6.89 | 12.46 | 9.47 |
| 07A | 391528 | 763423 | 11/25/1974 | 1335 | 2.0 | 315 | 17 | 6 | 9.96 | 6.86 | 12.42 | 9.45 |
| 07A | 391528 | 763423 | 11/25/1974 | 1333 | 4.0 | 315 | 17 | 6 | 9.98 | 6.87 | 12.43 | 9.45 |
| 07A | 391528 | 763423 | 11/25/1974 | 1331 | 6.0 | 315 | 17 | 6 | 10.08 | 6.89 | 12.47 | 9.47 |
| 07A | 391528 | 763423 | 11/25/1974 | 1329 | 8.0 | 315 | 17 | 6 | 10.11 | 6.88 | 12.45 | 9.45 |
| 07A | 391528 | 763423 | 11/25/1974 | 1327 | 10.0 | 315 | 17 | 6 | 10.38 | 7.06 | 12.78 | 9.67 |
| 07A | 391528 | 763423 | 11/25/1974 | 1325 | 12.0 | 315 | 17 | 6 | 10.36 | 7.06 | 12.78 | 9.67 |
| 08A | 391049 | 762556 | 12/14/1973 | 1340 | .0 | 315 | 12 | 2 | 6.32 | 3.89 | 7.05 | 5.57 |
| 08A | 391049 | 762556 | 12/14/1973 | 1355 | 2.0 | 315 | 12 | 2 | 6.35 | 4.02 | 7.29 | 5.76 |
| 08A | 391049 | 762556 | 12/14/1973 | 1415 | 4.0 | 315 | 12 | 2 | 6.43 | 4.15 | 7.52 | 5.93 |
| 08A | 391049 | 762556 | 01/24/1974 | 1310 | .0 | 315 | 5 | 2 | 2.96 | 2.16 | 3.93 | 3.19 |
| 08A | 391049 | 762556 | 01/24/1974 | 1320 | 2.0 | 315 | 5 | 2 | 2.98 | 2.36 | 4.29 | 3.47 |
| 08A | 391049 | 762556 | 01/24/1974 | 1340 | 4.0 | 315 | 5 | 2 | 3.60 | 2.79 | 5.06 | 4.08 |
| 08A | 391049 | 762556 | 03/21/1974 | 1119 | .0 | 250 | 17 | 1 | 6.46 | 1.38 | 2.52 | 1.98 |
| 08A | 391049 | 762556 | 03/21/1974 | 1117 | 2.0 | 250 | 17 | 1 | 6.44 | 1.51 | 2.75 | 2.17 |
| 08A | 391049 | 762556 | 03/21/1974 | 1115 | 4.0 | 250 | 17 | 1 | 7.01 | 2.76 | 5.01 | 3.92 |
| 08A | 391049 | 762556 | 05/02/1974 | 1214 | .0 | 140 | 10 | 2 | 15.95 | 1.77 | 3.22 | 1.49 |
| 08A | 391049 | 762556 | 05/02/1974 | 1214 | .0 | 140 | 10 | 2 | 15.90 | 1.19 | 2.17 | .69 |
| 08A | 391049 | 762556 | 05/02/1974 | 1212 | 2.0 | 140 | 10 | 2 | 15.85 | 1.29 | 2.35 | .84 |

| STATION C202 | LATITUDE C222 | LONGITUDE C223 | DATE MM DD YY C203 | TIME HRS C204 | SAMPLE DEPT M C210 | WIND DIR D C205 | WIND KNTS C206 | WEATHER CODE C207 | WATER TEMP C C211 | CHLORNT H20 PPT C216 | SALINT H20 PPT C217 | WATER SIGMA T C218 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 08A | 391049 | 762556 | 05/02/1974 | 1212 | 2.0 | 140 | 10 | 2 | 15.92 | 1.77 | 3.22 | 1.49 |
| 08A | 391049 | 762556 | 05/02/1974 | 1210 | 4.0 | 140 | 10 | 2 | 15.73 | 1.71 | 3.11 | 1.44 |
| 08A | 391049 | 762556 | 05/02/1974 | 1210 | 4.0 | 140 | 10 | 2 | 15.77 | 1.83 | 3.33 | 1.61 |
| 08A | 391049 | 762556 | 06/14/1974 | 1006 | .0 | 170 | 4 | 0 | 23.46 | 1.86 | 3.38 | .04 |
| 08A | 391049 | 762556 | 06/14/1974 | 1004 | 2.0 | 170 | 4 | 0 | 22.35 | 2.69 | 4.89 | 1.45 |
| 08A | 391049 | 762556 | 06/14/1974 | 1002 | 4.0 | 170 | 4 | 0 | 21.39 | 3.88 | 7.04 | 3.30 |
| 08A | 391049 | 762556 | 06/14/1974 | 1000 | 5.6 | 170 | 4 | 0 | 20.01 | 5.28 | 9.57 | 5.53 |
| 08A | 391049 | 762556 | 08/01/1974 | 754 | .0 | | | 4 | 26.15 | 3.72 | 6.75 | 1.87 |
| 08A | 391049 | 762556 | 08/01/1974 | 752 | 2.0 | | | 4 | 29.91 | 3.58 | 6.50 | .57 |
| 08A | 391049 | 762556 | 08/01/1974 | 750 | 4.0 | | | 4 | 25.28 | 5.18 | 9.39 | 4.08 |
| 08A | 391049 | 762556 | 09/18/1974 | 1319 | .0 | 340 | 9 | 0 | 23.55 | 4.52 | 8.19 | 3.64 |
| 08A | 391049 | 762556 | 09/18/1974 | 1317 | 2.0 | 340 | 9 | 0 | 23.46 | 4.40 | 7.97 | 3.50 |
| 08A | 391049 | 762556 | 09/18/1974 | 1315 | 4.0 | 340 | 9 | 0 | 23.33 | 5.51 | 9.97 | 5.03 |
| 08A | 391049 | 762556 | 11/25/1974 | 1229 | .0 | 315 | 15 | 2 | 8.34 | 4.81 | 8.70 | 6.72 |
| 08A | 391049 | 762556 | 11/25/1974 | 1227 | 2.0 | 315 | 15 | 2 | 8.33 | 4.81 | 8.72 | 6.73 |
| 08A | 391049 | 762556 | 11/25/1974 | 1225 | 4.0 | 315 | 15 | 2 | 8.68 | 5.68 | 10.28 | 7.92 |
| 08B | 390948 | 762230 | 12/14/1973 | 1231 | .0 | 310 | 10 | 2 | 6.17 | 2.19 | 3.99 | 3.16 |
| 08B | 390948 | 762230 | 12/14/1973 | 1245 | 2.0 | 310 | 10 | 2 | 6.17 | 2.35 | 4.28 | 3.39 |
| 08B | 390948 | 762230 | 12/14/1973 | 1250 | 4.5 | 310 | 10 | 2 | 6.52 | 4.41 | 7.99 | 6.30 |
| 08B | 390948 | 762230 | 01/24/1974 | 1415 | .0 | 315 | 5 | 2 | 2.85 | 2.61 | 4.75 | 3.84 |
| 08B | 390948 | 762230 | 01/24/1974 | 1430 | 2.0 | 315 | 5 | 2 | 2.97 | 2.68 | 4.86 | 3.93 |
| 08B | 390948 | 762230 | 01/24/1974 | 1435 | 4.0 | 315 | 5 | 2 | 3.20 | 3.39 | 6.14 | 4.95 |
| 08B | 390948 | 762230 | 02/11/1974 | 1529 | .0 | 320 | 32 | 1 | 2.23 | 4.47 | 8.10 | 6.52 |
| 08B | 390948 | 762230 | 02/11/1974 | 1527 | 2.0 | 320 | 32 | 1 | 2.26 | 4.48 | 8.13 | 6.54 |
| 08B | 390948 | 762230 | 02/11/1974 | 1525 | 4.0 | 320 | 32 | 1 | 2.25 | 4.49 | 8.13 | 6.54 |
| 08B | 390948 | 762230 | 03/21/1974 | 1144 | .0 | 250 | 17 | 1 | 6.19 | 1.89 | 3.44 | 2.73 |
| 08B | 390948 | 762230 | 03/21/1974 | 1142 | 2.0 | 250 | 17 | 1 | 6.19 | 1.89 | 3.44 | 2.73 |
| 08B | 390948 | 762230 | 03/21/1974 | 1140 | 4.0 | 250 | 17 | 1 | 6.14 | 2.30 | 4.18 | 3.31 |
| 08B | 390948 | 762230 | 05/02/1974 | 1418 | .0 | 140 | 10 | 2 | 15.65 | 1.64 | 2.98 | 1.36 |
| 08B | 390948 | 762230 | 05/02/1974 | 1420 | .0 | 140 | 10 | 2 | 15.57 | 1.63 | 2.97 | 1.36 |
| 08B | 390948 | 762230 | 05/02/1974 | 1414 | 2.0 | 140 | 10 | 2 | 15.64 | 1.60 | 2.91 | 1.30 |
| 08B | 390948 | 762230 | 05/02/1974 | 1416 | 2.0 | 140 | 10 | 2 | 15.56 | 1.61 | 2.94 | 1.34 |
| 08B | 390948 | 762230 | 05/02/1974 | 1410 | 4.0 | 140 | 10 | 2 | 15.57 | 1.69 | 3.09 | 1.45 |
| 08B | 390948 | 762230 | 05/02/1974 | 1412 | 4.0 | 140 | 10 | 2 | 15.51 | 1.68 | 3.07 | 1.45 |
| 08B | 390948 | 762230 | 06/12/1974 | 1136 | .0 | 320 | 2 | 1 | 22.71 | 2.61 | 4.74 | 1.25 |
| 08B | 390948 | 762230 | 06/12/1974 | 1134 | 2.0 | 320 | 2 | 1 | 22.69 | 2.62 | 4.77 | 1.28 |
| 08B | 390948 | 762230 | 06/12/1974 | 1132 | 3.5 | 320 | 2 | 1 | 21.24 | 3.64 | 6.61 | 3.01 |
| 08B | 390948 | 762230 | 06/12/1974 | 1130 | 4.1 | 320 | 2 | 1 | 20.97 | 3.74 | 6.78 | 3.20 |
| 08B | 390948 | 762230 | 09/18/1974 | 1239 | .0 | 340 | 9 | 0 | 23.28 | 4.00 | 7.25 | 3.00 |
| 08B | 390948 | 762230 | 09/18/1974 | 1237 | 2.0 | 340 | 9 | 0 | 23.12 | 4.51 | 8.17 | 3.73 |
| 08B | 390948 | 762230 | 09/18/1974 | 1235 | 4.0 | 340 | 9 | 0 | 23.09 | 4.99 | 9.05 | 4.40 |
| 08B | 390948 | 762230 | 09/18/1974 | 1232 | 6.0 | 340 | 9 | 0 | 23.41 | 5.93 | 10.73 | 5.59 |
| 08B | 390948 | 762230 | 09/18/1974 | 1230 | 7.0 | 340 | 9 | 0 | 23.43 | 6.18 | 11.19 | 5.93 |
| 08B | 390948 | 762230 | 11/25/1974 | 1206 | .0 | 315 | 8 | 1 | 8.98 | 5.92 | 10.72 | 8.23 |
| 08B | 390948 | 762230 | 11/25/1974 | 1204 | 2.0 | 315 | 8 | 1 | 8.93 | 6.08 | 11.01 | 8.46 |
| 08B | 390948 | 762230 | 11/25/1974 | 1202 | 4.0 | 315 | 8 | 1 | 8.94 | 6.37 | 11.53 | 8.87 |
| 08B | 390948 | 762230 | 11/25/1974 | 1200 | 4.8 | 315 | 8 | 1 | 9.19 | 6.82 | 12.33 | 9.47 |
| 08C | 390847 | 761902 | 12/12/1973 | 1200 | .0 | 270 | 18 | 2 | 6.11 | 2.63 | 4.79 | 3.79 |
| 08C | 390847 | 761902 | 12/12/1973 | 1200 | 2.0 | 270 | 18 | 2 | 6.23 | 2.68 | 4.86 | 3.85 |
| 08C | 390847 | 761902 | 12/12/1973 | 1200 | 4.0 | 270 | 18 | 2 | 6.35 | 3.49 | 6.32 | 4.99 |

| STATION C202 | LATITUDE C222 | LONGITUDE C223 | DATE MM DD YY C203 | TIME HRS C204 | SAMPLE DEPT M C210 | WIND DIR D C205 | WIND KNTS C206 | WEATHER CODE C207 | WATER TEMP C C211 | CHLORNT H20 PPT C216 | SALINT H20 PPT C217 | WATER SIGMA T C218 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 08C | 390847 | 761902 | 12/12/1973 | 1200 | 6.0 | 270 | 18 | 2 | 8.02 | 5.98 | 10.82 | 8.40 |
| 08C | 390847 | 761902 | 12/12/1973 | 1200 | 8.0 | 270 | 18 | 2 | 8.16 | 6.07 | 10.99 | 8.52 |
| 08C | 390847 | 761902 | 12/12/1973 | 1200 | 9.0 | 270 | 18 | 2 | 8.31 | 6.14 | 11.12 | 8.61 |
| 08C | 390847 | 761902 | 01/23/1974 | 848 | .0 | 140 | 5 | 0 | 3.05 | 3.35 | 6.07 | 4.89 |
| 08C | 390847 | 761902 | 01/23/1974 | 846 | 2.0 | 140 | 5 | 0 | 3.44 | 5.11 | 9.26 | 7.43 |
| 08C | 390847 | 761902 | 01/23/1974 | 844 | 4.0 | 140 | 5 | 0 | 3.56 | 5.39 | 9.75 | 7.82 |
| 08C | 390847 | 761902 | 01/23/1974 | 842 | 6.0 | 140 | 5 | 0 | 4.23 | 6.74 | 12.19 | 9.74 |
| 08C | 390847 | 761902 | 01/23/1974 | 840 | 8.4 | 140 | 5 | 0 | 4.65 | 7.46 | 13.50 | 10.75 |
| 08C | 390847 | 761902 | 02/11/1974 | 1458 | .0 | 320 | 32 | 1 | 2.06 | 3.85 | 6.98 | 5.62 |
| 08C | 390847 | 761902 | 02/11/1974 | 1456 | 2.0 | 320 | 32 | 1 | 2.18 | 3.92 | 7.10 | 5.72 |
| 08C | 390847 | 761902 | 02/11/1974 | 1454 | 4.0 | 320 | 32 | 1 | 2.23 | 4.09 | 7.41 | 5.97 |
| 08C | 390847 | 761902 | 02/11/1974 | 1452 | 6.0 | 320 | 32 | 1 | 2.38 | 4.43 | 8.03 | 6.46 |
| 08C | 390847 | 761902 | 02/11/1974 | 1450 | 8.0 | 320 | 32 | 1 | 3.95 | 7.45 | 13.47 | 10.76 |
| 08C | 390847 | 761902 | 03/20/1974 | 845 | .0 | 40 | 17 | 1 | 5.97 | 2.82 | 5.12 | 4.06 |
| 08C | 390847 | 761902 | 03/20/1974 | 843 | 2.0 | 40 | 17 | 1 | 5.98 | 2.83 | 5.13 | 4.07 |
| 08C | 390847 | 761902 | 03/20/1974 | 841 | 4.0 | 40 | 17 | 1 | 6.01 | 3.00 | 5.45 | 4.32 |
| 08C | 390847 | 761902 | 03/20/1974 | 839 | 6.0 | 40 | 17 | 1 | 5.90 | 5.06 | 9.16 | 7.26 |
| 08C | 390847 | 761902 | 03/20/1974 | 837 | 8.0 | 40 | 17 | 1 | 5.99 | 6.57 | 11.88 | 9.39 |
| 08C | 390847 | 761902 | 03/20/1974 | 835 | 9.5 | 40 | 17 | 1 | 5.98 | 6.66 | 12.05 | 9.53 |
| 08C | 390847 | 761902 | 05/02/1974 | 810 | .0 | 45 | 3 | 0 | 15.09 | 1.94 | 3.54 | 1.87 |
| 08C | 390847 | 761902 | 05/02/1974 | 808 | 2.0 | 45 | 3 | 0 | 14.97 | 1.90 | 3.46 | 1.83 |
| 08C | 390847 | 761902 | 05/02/1974 | 806 | 4.0 | 45 | 3 | 0 | 14.89 | 2.09 | 3.81 | 2.12 |
| 08C | 390847 | 761902 | 05/02/1974 | 804 | 6.0 | 45 | 3 | 0 | 13.31 | 3.30 | 5.98 | 4.02 |
| 08C | 390847 | 761902 | 05/02/1974 | 802 | 8.0 | 45 | 3 | 0 | 12.51 | 3.74 | 6.78 | 4.75 |
| 08C | 390847 | 761902 | 05/02/1974 | 800 | 10.0 | 45 | 3 | 0 | 12.23 | 3.92 | 7.10 | 5.04 |
| 08C | 390847 | 761902 | 06/12/1974 | 1040 | .0 | 320 | 5 | 1 | 22.62 | 2.20 | 4.01 | .72 |
| 08C | 390847 | 761902 | 06/12/1974 | 1038 | 2.0 | 320 | 5 | 1 | 22.56 | 2.24 | 4.07 | .79 |
| 08C | 390847 | 761902 | 06/12/1974 | 1036 | 4.0 | 320 | 5 | 1 | 21.24 | 3.96 | 7.18 | 3.44 |
| 08C | 390847 | 761902 | 06/12/1974 | 1034 | 6.0 | 320 | 5 | 1 | 18.84 | 5.87 | 10.63 | 6.59 |
| 08C | 390847 | 761902 | 06/12/1974 | 1032 | 8.0 | 320 | 5 | 1 | 17.23 | 7.23 | 13.09 | 8.79 |
| 08C | 390847 | 761902 | 06/12/1974 | 1030 | 9.0 | 320 | 5 | 1 | 17.27 | 7.25 | 13.12 | 8.81 |
| 08C | 390847 | 761902 | 07/31/1974 | 830 | .0 | | | 1 | 25.73 | 4.90 | 8.88 | 3.58 |
| 08C | 390847 | 761902 | 07/31/1974 | 828 | 2.0 | | | 1 | 25.40 | 5.05 | 9.15 | 3.87 |
| 08C | 390847 | 761902 | 07/31/1974 | 826 | 4.0 | | | 1 | 24.69 | 5.63 | 10.20 | 4.85 |
| 08C | 390847 | 761902 | 07/31/1974 | 824 | 6.0 | | | 1 | 24.52 | 5.72 | 10.36 | 5.01 |
| 08C | 390847 | 761902 | 07/31/1974 | 822 | 8.0 | | | 1 | 24.13 | 6.23 | 11.27 | 5.80 |
| 08C | 390847 | 761902 | 07/31/1974 | 820 | 8.6 | | | 1 | 24.04 | 6.29 | 11.39 | 5.91 |
| 08C | 390847 | 761902 | 09/18/1974 | 1140 | .0 | 340 | 9 | 0 | 23.19 | 4.87 | 8.82 | 4.21 |
| 08C | 390847 | 761902 | 09/18/1974 | 1138 | 2.0 | 340 | 9 | 0 | 23.07 | 5.09 | 9.22 | 4.54 |
| 08C | 390847 | 761902 | 09/18/1974 | 1136 | 4.0 | 340 | 9 | 0 | 23.09 | 5.72 | 10.36 | 5.39 |
| 08C | 390847 | 761902 | 09/18/1974 | 1134 | 6.0 | 340 | 9 | 0 | 23.57 | 6.70 | 12.12 | 6.59 |
| 08C | 390847 | 761902 | 09/18/1974 | 1132 | 8.0 | 340 | 9 | 0 | 23.62 | 6.84 | 12.38 | 6.77 |
| 08C | 390847 | 761902 | 09/18/1974 | 1130 | 9.0 | 340 | 9 | 0 | 23.68 | 6.84 | 12.38 | 6.75 |
| 08C | 390847 | 761902 | 11/25/1974 | 1135 | .0 | 200 | 6 | 0 | 8.94 | 5.12 | 9.27 | 7.11 |
| 08C | 390847 | 761902 | 11/25/1974 | 1133 | 2.0 | 200 | 6 | 0 | 8.93 | 5.92 | 10.71 | 8.23 |
| 08C | 390847 | 761902 | 11/25/1974 | 1131 | 4.0 | 200 | 6 | 0 | 8.95 | 6.53 | 11.81 | 9.08 |
| 08C | 390847 | 761902 | 11/25/1974 | 1129 | 6.0 | 200 | 6 | 0 | 9.31 | 7.00 | 12.67 | 9.72 |
| 08C | 390847 | 761902 | 11/25/1974 | 1127 | 8.0 | 200 | 6 | 0 | 9.70 | 7.33 | 13.27 | 10.13 |
| 08C | 390847 | 761902 | 11/25/1974 | 1125 | 9.0 | 200 | 6 | 0 | 10.00 | 7.68 | 13.90 | 10.59 |
| 09A | 390411 | 761605 | 12/14/1973 | 930 | .0 | 310 | 6 | 2 | 6.58 | 4.32 | 7.84 | 6.17 |

| STAT ION C202 | LATI TUDE C222 | LONGI TUDE C223 | DATE MM DD YY C203 | TIME HRS C204 | SAMPLE DEPT M C210 | WIND DIR D C205 | WIND KNTS C206 | WEATHER CODE C207 | WATER TEMP C C211 | CHLORNT H20 PPT C216 | SALINT H20 PPT C217 | WATER SIGMA T C218 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 09A | 390411 | 761605 | 12/14/1973 | 1015 | 2.0 | 310 | 6 | 2 | 6.35 | 4.72 | 8.54 | 6.74 |
| 09A | 390411 | 761605 | 12/14/1973 | 1028 | 4.0 | 310 | 6 | 2 | 6.68 | 5.39 | 9.75 | 7.67 |
| 09A | 390411 | 761605 | 12/14/1973 | 1033 | 6.0 | 310 | 6 | 2 | 6.68 | 5.59 | 10.06 | 7.92 |
| 09A | 390411 | 761605 | 12/14/1973 | 1040 | 8.0 | 310 | 6 | 2 | 8.21 | 6.55 | 11.84 | 9.19 |
| 09A | 390411 | 761605 | 01/24/1974 | 1530 | .0 | 315 | 4 | 2 | 3.71 | 3.75 | 6.79 | 5.46 |
| 09A | 390411 | 761605 | 01/24/1974 | 1535 | 2.0 | 315 | 4 | 2 | 3.65 | 3.72 | 6.75 | 5.43 |
| 09A | 390411 | 761605 | 01/24/1974 | 1520 | 4.0 | 315 | 4 | 2 | 3.88 | 4.47 | 8.11 | 6.51 |
| 09A | 390411 | 761605 | 01/24/1974 | 1615 | 6.0 | 315 | 4 | 2 | 4.11 | 6.06 | 10.96 | 8.77 |
| 09A | 390411 | 761605 | 01/24/1974 | 1620 | 8.0 | 315 | 4 | 2 | 4.17 | 6.79 | 12.28 | 9.81 |
| 09A | 390411 | 761605 | 03/21/1974 | 821 | .0 | | | | 6.12 | 3.46 | 6.27 | 4.96 |
| 09A | 390411 | 761605 | 03/21/1974 | 819 | 2.0 | | | | 6.12 | 3.47 | 6.30 | 4.99 |
| 09A | 390411 | 7 1605 | 03/21/1974 | 817 | 4.0 | | | | 6.13 | 3.93 | 7.13 | 5.64 |
| 09A | 390411 | 761605 | 03/21/1974 | 815 | 6.0 | | | | 6.08 | 6.36 | 11.50 | 9.09 |
| 09A | 390411 | 761605 | 05/02/1974 | 936 | .0 | 10 | 5 | 2 | 15.73 | 2.65 | 4.81 | 2.74 |
| 09A | 390411 | 761605 | 05/02/1974 | 934 | 2.0 | 10 | 5 | 2 | 15.72 | 2.64 | 4.80 | 2.74 |
| 09A | 390411 | 761605 | 05/02/1974 | 932 | 4.0 | 10 | 5 | 2 | 15.43 | 2.93 | 5.32 | 3.19 |
| 09A | 390411 | 761605 | 05/02/1974 | 930 | 6.0 | 10 | 5 | 2 | 13.22 | 3.88 | 7.03 | 4.85 |
| 09A | 390411 | 761605 | 06/14/1974 | 1108 | .0 | 100 | 6 | 0 | 24.18 | 3.44 | 6.24 | 2.01 |
| 09A | 390411 | 761605 | 06/14/1974 | 1106 | 2.0 | 100 | 6 | 0 | 22.72 | 3.39 | 6.15 | 2.31 |
| 09A | 390411 | 761605 | 06/14/1974 | 1104 | 4.0 | 100 | 6 | 0 | 22.45 | 3.76 | 6.81 | 2.87 |
| 09A | 390411 | 761605 | 06/14/1974 | 1102 | 6.0 | 100 | 6 | 0 | 18.38 | 7.04 | 12.73 | 8.28 |
| 09A | 390411 | 761605 | 06/14/1974 | 1100 | 8.4 | 100 | 6 | 0 | 17.79 | 7.75 | 14.02 | 9.38 |
| 09A | 390411 | 761605 | 07/31/1974 | 1618 | .0 | | | 1 | 28.77 | 5.30 | 9.60 | 3.23 |
| 09A | 390411 | 761605 | 07/31/1974 | 1616 | 1.7 | | | 1 | 27.43 | 5.34 | 9.67 | 3.68 |
| 09A | 390411 | 761605 | 07/31/1974 | 1614 | 3.7 | | | 1 | 25.39 | 5.88 | 10.63 | 4.98 |
| 09A | 390411 | 761605 | 07/31/1974 | 1612 | 5.7 | | | 1 | 25.01 | 5.89 | 10.66 | 5.11 |
| 09A | 390411 | 761605 | 07/31/1974 | 1610 | 7.7 | | | 1 | 24.66 | 6.16 | 11.15 | 5.57 |
| 09A | 390411 | 761605 | 09/18/1974 | 1013 | .0 | 140 | 9 | 0 | 23.13 | 5.65 | 10.23 | 5.28 |
| 09A | 390411 | 761605 | 09/18/1974 | 1011 | 2.0 | 140 | 9 | 0 | 23.06 | 5.67 | 10.26 | 5.32 |
| 09A | 390411 | 761605 | 09/18/1974 | 1009 | 4.0 | 140 | 9 | 0 | 23.12 | 5.93 | 10.73 | 5.66 |
| 09A | 390411 | 761605 | 09/18/1974 | 1007 | 6.0 | 140 | 9 | 0 | 23.36 | 6.30 | 11.40 | 6.10 |
| 09A | 390411 | 761605 | 09/18/1974 | 1005 | 8.0 | 140 | 9 | 0 | 23.46 | 6.81 | 12.31 | 6.76 |
| 09A | 390411 | 761605 | 11/25/1974 | 1048 | .0 | 200 | 4 | 1 | 9.60 | 7.30 | 13.21 | 10.10 |
| 09A | 390411 | 761605 | 11/25/1974 | 1046 | 2.0 | 200 | 4 | 1 | 9.60 | 7.37 | 13.33 | 10.19 |
| 09A | 390411 | 761605 | 11/25/1974 | 1044 | 4.0 | 200 | 4 | 1 | 9.55 | 7.36 | 13.31 | 10.19 |
| 09A | 390411 | 761605 | 11/25/1974 | 1042 | 6.0 | 200 | 4 | 1 | 9.58 | 7.35 | 13.29 | 10.17 |
| 09A | 390411 | 761605 | 11/25/1974 | 1040 | 7.5 | 200 | 4 | 1 | 10.23 | 7.85 | 14.20 | 10.79 |
| 10A | 390231 | 762332 | 12/13/1973 | 1030 | .0 | 140 | 15 | 1 | 6.77 | 5.33 | 9.66 | 7.59 |
| 10A | 390231 | 762332 | 12/13/1973 | 1045 | 2.0 | 140 | 15 | 1 | 6.67 | 5.37 | 9.72 | 7.64 |
| 10A | 390231 | 762332 | 12/13/1973 | 1100 | 4.0 | 140 | 15 | 1 | 8.49 | 7.91 | 14.31 | 11.08 |
| 10A | 390231 | 762332 | 12/13/1973 | 1120 | 6.0 | 140 | 15 | 1 | 9.31 | 7.85 | 14.19 | 10.90 |
| 10A | 390231 | 762332 | 12/13/1973 | 1140 | 8.0 | 140 | 15 | 1 | 9.55 | 7.66 | 13.86 | 10.61 |
| 10A | 390231 | 762332 | 12/13/1973 | 1200 | 10.0 | 140 | 15 | 1 | 9.40 | 7.89 | 14.28 | 10.95 |
| 10A | 390231 | 762332 | 12/13/1973 | 1220 | 11.0 | 140 | 15 | 1 | 9.39 | 7.88 | 14.26 | 10.94 |
| 10A | 390231 | 762332 | 01/23/1974 | 1708 | .0 | 0 | 0 | 2 | 3.72 | 3.25 | 5.89 | 4.75 |
| 10A | 390231 | 762332 | 01/23/1974 | 1706 | 2.0 | 0 | 0 | 2 | 3.71 | 4.61 | 8.36 | 6.71 |
| 10A | 390231 | 762332 | 01/23/1974 | 1704 | 4.0 | 0 | 0 | 2 | 4.07 | 6.35 | 11.49 | 9.19 |
| 10A | 390231 | 762332 | 01/23/1974 | 1702 | 6.0 | 0 | 0 | 2 | 4.41 | 6.97 | 12.60 | 10.05 |
| 10A | 390231 | 762332 | 01/23/1974 | 1700 | 8.0 | 0 | 0 | 2 | 4.64 | 7.38 | 13.36 | 10.64 |
| 10A | 390231 | 762332 | 02/11/1974 | 1258 | .0 | 30 | 32 | 1 | 2.56 | 5.29 | 9.58 | 7.70 |

S SED AND HYDROGRAPHY DATA REPORT PART-A
75/07/18.

| STAT ION C202 | LATI TUDE C222 | LONGI TUDE C223 | DATE MM DD YY C203 | TIME HRS C204 | SAMPLE DEPT M C210 | WIND DIR D C205 | WIND KNTS C206 | WEATHER CODE C207 | WATER TEMP C C211 | CHLORNT H20 PPT C216 | SALINT H20 PPT C217 | WATER SIGMA T C218 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 10A | 390231 | 762332 | 02/11/1974 | 1256 | 2.0 | 30 | 32 | 1 | 2.67 | 5.76 | 10.43 | 8.38 |
| 10A | 390231 | 762332 | 02/11/1974 | 1254 | 4.0 | 30 | 32 | 1 | 2.85 | 6.08 | 11.01 | 8.84 |
| 10A | 390231 | 762332 | 02/11/1974 | 1252 | 6.0 | 30 | 32 | 1 | 3.15 | 6.24 | 11.29 | 9.05 |
| 10A | 390231 | 762332 | 02/11/1974 | 1250 | 8.0 | 30 | 32 | 1 | 3.39 | 6.78 | 12.27 | 9.83 |
| 10A | 390231 | 762332 | 03/20/1974 | 1240 | .0 | 40 | 10 | 0 | 6.40 | 3.17 | 5.76 | 4.55 |
| 10A | 390231 | 762332 | 03/20/1974 | 1238 | 2.0 | 40 | 10 | 0 | 6.54 | 3.17 | 5.75 | 4.53 |
| 10A | 390231 | 762332 | 03/20/1974 | 1236 | 4.0 | 40 | 10 | 0 | 6.35 | 3.25 | 5.89 | 4.65 |
| 10A | 390231 | 762332 | 03/20/1974 | 1234 | 6.0 | 40 | 10 | 0 | 6.22 | 3.51 | 6.36 | 5.03 |
| 10A | 390231 | 762332 | 03/20/1974 | 1232 | 8.0 | 40 | 10 | 0 | 6.02 | 6.90 | 12.48 | 9.87 |
| 10A | 390231 | 762332 | 03/20/1974 | 1230 | 9.0 | 40 | 10 | 0 | 6.04 | 7.06 | 12.78 | 10.10 |
| 10A | 390231 | 762332 | 05/01/1974 | 1538 | .0 | 330 | 18 | 0 | 15.91 | 2.97 | 5.38 | 3.15 |
| 10A | 390231 | 762332 | 05/01/1974 | 1536 | 2.0 | 330 | 18 | 0 | 15.75 | 2.98 | 5.41 | 3.20 |
| 10A | 390231 | 762332 | 05/01/1974 | 1534 | 4.0 | 330 | 18 | 0 | 15.74 | 2.98 | 5.41 | 3.20 |
| 10A | 390231 | 762332 | 05/01/1974 | 1532 | 6.0 | 330 | 18 | 0 | 15.21 | 3.01 | 5.46 | 3.33 |
| 10A | 390231 | 762332 | 05/01/1974 | 1530 | 8.0 | 330 | 18 | 0 | 11.61 | 5.33 | 9.66 | 7.10 |
| 10A | 390231 | 762332 | 06/14/1974 | 1157 | .0 | 100 | 6 | 0 | 24.12 | 3.33 | 6.04 | 1.88 |
| 10A | 390231 | 762332 | 06/14/1974 | 1155 | 2.0 | 100 | 6 | 0 | 22.18 | 3.60 | 6.53 | 2.73 |
| 10A | 390231 | 762332 | 06/14/1974 | 1153 | 4.0 | 100 | 6 | 0 | 21.07 | 4.65 | 8.42 | 4.42 |
| 10A | 390231 | 762332 | 06/14/1974 | 1151 | 6.0 | 100 | 6 | 0 | 18.34 | 7.50 | 13.57 | 8.93 |
| 10A | 390231 | 762332 | 06/14/1974 | 1149 | 8.0 | 100 | 6 | 0 | 17.65 | 8.20 | 14.83 | 10.02 |
| 10A | 390231 | 762332 | 06/14/1974 | 1147 | 10.0 | 100 | 6 | 0 | 17.60 | 8.35 | 15.09 | 10.24 |
| 10A | 390231 | 762332 | 06/14/1974 | 1145 | 12.0 | 100 | 6 | 0 | 17.44 | 4.83 | 8.76 | 5.54 |
| 10A | 390231 | 762332 | 07/31/1974 | 1243 | 1.0 | | | 1 | 27.04 | 5.01 | 9.08 | 3.36 |
| 10A | 390231 | 762332 | 07/31/1974 | 1241 | 3.0 | | | 1 | 25.64 | 5.23 | 9.46 | 4.04 |
| 10A | 390231 | 762332 | 07/31/1974 | 1239 | 5.0 | | | 1 | 25.24 | 5.52 | 9.99 | 4.54 |
| 10A | 390231 | 762332 | 07/31/1974 | 1237 | 7.0 | | | 1 | 25.24 | 5.62 | 10.17 | 4.68 |
| 10A | 390231 | 762332 | 07/31/1974 | 1235 | 9.0 | | | 1 | 25.17 | 5.75 | 10.41 | 4.87 |
| 10A | 390231 | 762332 | 09/18/1974 | 912 | .0 | 140 | 7 | 0 | 23.13 | 5.81 | 10.53 | 5.50 |
| 10A | 390231 | 762332 | 09/18/1974 | 910 | 2.0 | 140 | 7 | 0 | 23.31 | 6.50 | 11.76 | 6.38 |
| 10A | 390231 | 762332 | 09/18/1974 | 908 | 4.0 | 140 | 7 | 0 | 23.78 | 7.73 | 13.99 | 7.93 |
| 10A | 390231 | 762332 | 09/18/1974 | 906 | 6.0 | 140 | 7 | 0 | 23.88 | 8.10 | 14.65 | 8.40 |
| 10A | 390231 | 762332 | 09/18/1974 | 904 | 8.0 | 140 | 7 | 0 | 23.91 | 8.16 | 14.76 | 8.47 |
| 10A | 390231 | 762332 | 09/18/1974 | 902 | 10.0 | 140 | 7 | 0 | 23.92 | 8.21 | 14.85 | 8.54 |
| 10A | 390231 | 762332 | 09/18/1974 | 900 | 11.0 | 140 | 7 | 0 | 23.95 | 8.32 | 15.05 | 8.68 |
| 10A | 390231 | 762332 | 11/25/1974 | 931 | .0 | 200 | 5 | 0 | 9.03 | 6.87 | 12.44 | 9.56 |
| 10A | 390231 | 762332 | 11/25/1974 | 929 | 2.0 | 200 | 5 | 0 | 9.08 | 6.79 | 12.29 | 9.44 |
| 10A | 390231 | 762332 | 11/25/1974 | 927 | 4.0 | 200 | 5 | 0 | 9.38 | 7.20 | 13.02 | 9.98 |
| 10A | 390231 | 762332 | 11/25/1974 | 925 | 6.0 | 200 | 5 | 0 | 9.94 | 7.74 | 14.00 | 10.67 |
| 10A | 390231 | 762332 | 11/25/1974 | 922 | 8.0 | 200 | 5 | 0 | 10.02 | 7.75 | 14.01 | 10.68 |
| 10A | 390231 | 762332 | 11/25/1974 | 920 | 9.0 | 200 | 5 | 0 | 10.23 | 7.73 | 13.99 | 10.63 |
| 10B | 390227 | 762136 | 12/12/1973 | 1255 | .0 | 275 | 14 | 2 | 7.12 | 4.50 | 8.15 | 6.38 |
| 10B | 390227 | 762136 | 12/12/1973 | 1253 | 2.0 | 275 | 14 | 2 | 7.09 | 4.48 | 8.12 | 6.37 |
| 10B | 390227 | 762136 | 12/12/1973 | 1251 | 4.0 | 275 | 14 | 2 | 7.04 | 4.54 | 8.23 | 6.45 |
| 10B | 390227 | 762136 | 12/12/1973 | 1249 | 6.0 | 275 | 14 | 2 | 7.72 | 5.55 | 10.04 | 7.82 |
| 10B | 390227 | 762136 | 12/12/1973 | 1247 | 8.0 | 275 | 14 | 2 | 8.54 | 6.19 | 11.21 | 8.66 |
| 10B | 390227 | 762136 | 12/12/1973 | 1245 | 10.0 | 275 | 14 | 2 | 9.62 | 7.86 | 14.22 | 10.89 |
| 10B | 390227 | 762136 | 12/13/1973 | 845 | .0 | 130 | 12 | 1 | 6.84 | 5.27 | 9.54 | 7.50 |
| 10B | 390227 | 762136 | 12/13/1973 | 855 | 2.0 | 130 | 12 | 1 | 6.84 | 5.32 | 9.64 | 7.57 |
| 10B | 390227 | 762136 | 12/13/1973 | 910 | 4.0 | 130 | 12 | 1 | 6.83 | 5.39 | 9.76 | 7.67 |
| 10B | 390227 | 762136 | 12/13/1973 | 920 | 6.0 | 130 | 12 | 1 | 8.24 | 6.78 | 12.26 | 9.51 |

| STATION C202 | LATITUDE C222 | LONGITUDE C223 | DATE MM DD YY C203 | TIME HRS C204 | SAMPLE DEPT M C210 | WIND DIR D C205 | WIND KNTS C206 | WEATHER CODE C207 | WATER TEMP C C211 | CHLORNT H20 PPT C216 | SALINT H20 PPT C217 | WATER SIGMA T C218 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 10B | 390227 | 762136 | 12/13/1973 | 930 | 8.0 | 130 | 12 | 1 | 9.27 | 7.83 | 14.17 | 10.89 |
| 10B | 390227 | 762136 | 12/13/1973 | 950 | 10.0 | 130 | 12 | 1 | 9.39 | 7.93 | 14.34 | 11.00 |
| 10B | 390227 | 762136 | 01/23/1974 | 1635 | .0 | 0 | 0 | 2 | 3.72 | 2.69 | 4.88 | 3.94 |
| 10B | 390227 | 762136 | 01/23/1974 | 1540 | .0 | | | | 4.91 | 2.68 | 4.87 | 3.90 |
| 10B | 390227 | 762136 | 01/23/1974 | 1538 | 2.0 | | | | 4.68 | 2.74 | 4.97 | 3.99 |
| 10B | 390227 | 762136 | 01/23/1974 | 1700 | 2.0 | 0 | 0 | 2 | 3.29 | 2.87 | 5.21 | 4.21 |
| 10B | 390227 | 762136 | 01/23/1974 | 1536 | 4.0 | | | | 4.31 | 4.56 | 8.26 | 6.62 |
| 10B | 390227 | 762136 | 01/23/1974 | 1705 | 4.0 | 0 | 0 | 2 | 3.16 | 4.70 | 8.52 | 6.85 |
| 10B | 390227 | 762136 | 01/23/1974 | 1715 | 6.0 | 0 | 0 | 2 | 3.68 | 6.06 | 10.96 | 8.78 |
| 10B | 390227 | 762136 | 01/23/1974 | 1534 | 6.0 | | | | 4.75 | 6.15 | 11.12 | 8.87 |
| 10B | 390227 | 762136 | 01/23/1974 | 1532 | 8.0 | | | | 5.41 | 7.23 | 13.08 | 10.38 |
| 10B | 390227 | 762136 | 01/23/1974 | 1720 | 8.0 | 0 | 0 | 2 | 4.95 | 8.02 | 14.51 | 11.53 |
| 10B | 390227 | 762136 | 01/23/1974 | 1530 | 10.0 | | | | 5.73 | 7.46 | 13.50 | 10.69 |
| 10B | 390227 | 762136 | 01/23/1974 | 1725 | 10.0 | 0 | 0 | 2 | 5.03 | 8.10 | 14.66 | 11.64 |
| 10B | 390227 | 762136 | 02/11/1974 | 1330 | .0 | 30 | 32 | 1 | 2.49 | 5.43 | 9.83 | 7.90 |
| 10B | 390227 | 762136 | 02/11/1974 | 1328 | 2.0 | 30 | 32 | 1 | 2.49 | 5.43 | 9.83 | 7.90 |
| 10B | 390227 | 762136 | 02/11/1974 | 1326 | 4.0 | 30 | 32 | 1 | 2.56 | 5.46 | 9.88 | 7.94 |
| 10B | 390227 | 762136 | 02/11/1974 | 1324 | 6.0 | 30 | 32 | 1 | 2.56 | 5.51 | 9.97 | 8.01 |
| 10B | 390227 | 762136 | 02/11/1974 | 1322 | 8.0 | 30 | 32 | 1 | 2.62 | 5.55 | 10.04 | 8.07 |
| 10B | 390227 | 762136 | 02/11/1974 | 1320 | 10.0 | 30 | 32 | 1 | 2.70 | .52 | .96 | .80 |
| 10B | 390227 | 762136 | 03/20/1974 | 940 | .0 | 35 | 15 | 1 | 6.06 | 2.79 | 5.06 | 4.01 |
| 10B | 390227 | 762136 | 03/20/1974 | 1352 | .0 | 40 | 10 | 1 | 6.73 | 2.91 | 5.29 | 4.16 |
| 10B | 390227 | 762136 | 03/20/1974 | 1350 | 2.0 | 40 | 10 | 1 | 6.45 | 3.05 | 5.53 | 4.36 |
| 10B | 390227 | 762136 | 03/20/1974 | 938 | 2.0 | 35 | 15 | 1 | 6.01 | 2.92 | 5.30 | 4.21 |
| 10B | 390227 | 762136 | 03/20/1974 | 936 | 4.0 | 35 | 15 | 1 | 5.93 | 3.23 | 5.86 | 4.65 |
| 10B | 390227 | 762136 | 03/20/1974 | 1348 | 4.0 | 40 | 10 | 1 | 6.09 | 4.00 | 7.25 | 5.74 |
| 10B | 390227 | 762136 | 03/20/1974 | 934 | 6.0 | 35 | 15 | 1 | 5.96 | 3.30 | 5.99 | 4.75 |
| 10B | 390227 | 762136 | 03/20/1974 | 1346 | 6.0 | 40 | 10 | 1 | 6.07 | 6.11 | 11.07 | 8.75 |
| 10B | 390227 | 762136 | 03/20/1974 | 932 | 8.0 | 35 | 15 | 1 | 6.06 | 7.07 | 12.78 | 10.10 |
| 10B | 390227 | 762136 | 03/20/1974 | 1344 | 8.0 | 40 | 10 | 1 | 6.09 | 7.22 | 13.06 | 10.32 |
| 10B | 390227 | 762136 | 03/20/1974 | 930 | 10.0 | 35 | 15 | 1 | 6.10 | 7.29 | 13.19 | 10.42 |
| 10B | 390227 | 762136 | 03/20/1974 | 1342 | 10.0 | 40 | 10 | 1 | 6.09 | 7.31 | 13.22 | 10.44 |
| 10B | 390227 | 762136 | 03/20/1974 | 1340 | 12.0 | 40 | 10 | 1 | 6.13 | 7.63 | 13.80 | 10.89 |
| 10B | 390227 | 762136 | 05/02/1974 | 1005 | .0 | 40 | 9 | 1 | 14.86 | 2.77 | 5.03 | 3.06 |
| 10B | 390227 | 762136 | 05/02/1974 | 742 | .0 | 0 | 10 | 2 | 14.66 | 2.88 | 5.22 | 3.24 |
| 10B | 390227 | 762136 | 05/02/1974 | 740 | 2.0 | 0 | 10 | 2 | 14.69 | 2.88 | 5.23 | 3.24 |
| 10B | 390227 | 762136 | 05/02/1974 | 1003 | 2.0 | 40 | 9 | 1 | 14.87 | 2.77 | 5.03 | 3.05 |
| 10B | 390227 | 762136 | 05/02/1974 | 738 | 4.0 | 0 | 10 | 2 | 14.69 | 2.88 | 5.23 | 3.24 |
| 10B | 390227 | 762136 | 05/02/1974 | 1001 | 4.0 | 40 | 9 | 1 | 14.87 | 2.78 | 5.04 | 3.06 |
| 10B | 390227 | 762136 | 05/02/1974 | 736 | 6.0 | 0 | 10 | 2 | 14.70 | 2.91 | 5.28 | 3.27 |
| 10B | 390227 | 762136 | 05/02/1974 | 959 | 6.0 | 40 | 9 | 1 | 14.86 | 2.78 | 5.05 | 3.07 |
| 10B | 390227 | 762136 | 05/02/1974 | 734 | 8.0 | 0 | 10 | 2 | 14.67 | 2.92 | 5.31 | 3.30 |
| 10B | 390227 | 762136 | 05/02/1974 | 957 | 8.0 | 40 | 9 | 1 | 14.72 | 2.82 | 5.11 | 3.14 |
| 10B | 390227 | 762136 | 05/02/1974 | 732 | 10.0 | 0 | 10 | 2 | 10.73 | 6.37 | 11.53 | 8.66 |
| 10B | 390227 | 762136 | 05/02/1974 | 730 | 11.0 | 0 | 10 | 2 | 10.56 | 6.56 | 11.86 | 8.94 |
| 10B | 390227 | 762136 | 05/02/1974 | 955 | 11.0 | 40 | 9 | 1 | 10.96 | 6.54 | 11.84 | 8.87 |
| 10B | 390227 | 762136 | 06/12/1974 | 907 | .0 | 300 | 3 | 1 | 22.81 | 3.04 | 5.52 | 1.81 |
| 10B | 390227 | 762136 | 06/12/1974 | 905 | 2.0 | 300 | 3 | 1 | 22.58 | 3.25 | 5.89 | 2.15 |
| 10B | 390227 | 762136 | 06/12/1974 | 903 | 4.0 | 300 | 3 | 1 | 21.50 | 4.21 | 7.63 | 3.72 |
| 10B | 390227 | 762136 | 06/12/1974 | 901 | 6.0 | 300 | 3 | 1 | 18.26 | 7.03 | 12.73 | 8.30 |

| STAT ION C202 | LATI TUDE C222 | LONGI TUDE C223 | DATE MM DD YY C203 | TIME HRS C204 | SAMPLE DEPT M C210 | WIND DIR D C205 | WIND KNTS C206 | WEATHER CODE C207 | WATER TEMP C C211 | CHLORNT H20 PPT C216 | SALINT H20 PPT C217 | WATER SIGMA T C218 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 108 | 390227 | 762136 | 06/12/1974 | 859 | 8.0 | 300 | 3 | 1 | 17.11 | 8.21 | 14.85 | 10.15 |
| 108 | 390227 | 762136 | 06/12/1974 | 857 | 10.0 | 300 | 3 | 1 | 16.82 | 8.88 | 16.05 | 11.13 |
| 108 | 390227 | 762136 | 06/12/1974 | 855 | 11.0 | 300 | 3 | 1 | 16.82 | 8.90 | 16.09 | 11.16 |
| 108 | 390227 | 762136 | 07/31/1974 | 1340 | .0 | | | 1 | 27.00 | 5.22 | 9.45 | 3.65 |
| 108 | 390227 | 762136 | 07/31/1974 | 1338 | 2.0 | | | 1 | 24.88 | 5.51 | 9.98 | 4.63 |
| 108 | 390227 | 762136 | 07/31/1974 | 1336 | 4.0 | | | 1 | 24.78 | 5.57 | 10.08 | 4.73 |
| 108 | 390227 | 762136 | 07/31/1974 | 1334 | 6.0 | | | 1 | 24.70 | 5.70 | 10.32 | 4.94 |
| 108 | 390227 | 762136 | 07/31/1974 | 1332 | 8.0 | | | 1 | 24.52 | 6.03 | 10.91 | 5.43 |
| 108 | 390227 | 762136 | 07/31/1974 | 1330 | 10.0 | | | 1 | 24.37 | 6.47 | 11.70 | 6.06 |
| 108 | 390227 | 762136 | 09/18/1974 | 930 | .0 | 140 | 7 | 0 | 23.14 | 6.08 | 11.00 | 5.86 |
| 108 | 390227 | 762136 | 09/18/1974 | 928 | 2.0 | 140 | 7 | 0 | 23.20 | 6.08 | 11.00 | 5.84 |
| 108 | 390227 | 762136 | 09/18/1974 | 926 | 4.0 | 140 | 7 | 0 | 23.56 | 6.68 | 12.09 | 6.57 |
| 108 | 390227 | 762136 | 09/18/1974 | 924 | 6.0 | 140 | 7 | 0 | 23.59 | 7.02 | 12.71 | 7.02 |
| 108 | 390227 | 762136 | 09/18/1974 | 922 | 8.0 | 140 | 7 | 0 | 23.85 | 7.60 | 13.75 | 7.74 |
| 108 | 390227 | 762136 | 09/18/1974 | 920 | 10.0 | 140 | 7 | 0 | 24.06 | 8.53 | 15.48 | 8.98 |
| 108 | 390227 | 762136 | 09/18/1974 | 918 | 12.0 | 140 | 7 | 0 | 24.08 | 8.68 | 15.70 | 9.14 |
| 108 | 390227 | 762136 | 11/25/1974 | 956 | .0 | 200 | 3 | 1 | 9.18 | 7.10 | 12.84 | 9.86 |
| 108 | 390231 | 762332 | 11/25/1974 | 954 | 2.0 | 200 | 3 | 1 | 9.78 | 7.20 | 13.02 | 9.98 |
| 108 | 390227 | 762136 | 11/25/1974 | 952 | 4.0 | 200 | 3 | 1 | 9.91 | 7.89 | 14.28 | 10.89 |
| 108 | 390227 | 762136 | 11/25/1974 | 950 | 6.0 | 200 | 3 | 1 | 10.32 | 8.04 | 14.55 | 11.05 |
| 108 | 390227 | 762136 | 11/25/1974 | 949 | 8.0 | 200 | 3 | 1 | 10.54 | .34 | 15.09 | 11.44 |
| 108 | 390227 | 762136 | 11/25/1974 | 947 | 10.0 | 200 | 3 | 1 | 10.61 | 8.37 | 15.14 | 11.48 |
| 108 | 390227 | 762136 | 11/25/1974 | 945 | 11.5 | 200 | 3 | 1 | 10.65 | 8.39 | 15.18 | 11.50 |
| 10C | 390223 | 761942 | 12/12/1973 | 1525 | .0 | 270 | 14 | 2 | 6.93 | 4.29 | 7.78 | 6.10 |
| 10C | 390223 | 761942 | 12/12/1973 | 1545 | 2.0 | 270 | 14 | 2 | 6.93 | 4.43 | 8.02 | 6.30 |
| 10C | 390223 | 761942 | 12/12/1973 | 1600 | 4.5 | 270 | 14 | 2 | 8.20 | 6.20 | 11.22 | 8.70 |
| 10C | 390223 | 761942 | 01/23/1974 | 1510 | .0 | 0 | 0 | 2 | 3.37 | 2.39 | 4.35 | 3.52 |
| 10C | 390223 | 761942 | 01/23/1974 | 1520 | 2.0 | 0 | 0 | 2 | 3.22 | 2.68 | 4.87 | 3.93 |
| 10C | 390223 | 761942 | 01/23/1974 | 1530 | 4.0 | 0 | 0 | 2 | 3.53 | 4.51 | 8.17 | 6.57 |
| 10C | 390223 | 761942 | 01/23/1974 | 1550 | 6.0 | 0 | 0 | 2 | 4.10 | 6.40 | 11.59 | 9.26 |
| 10C | 390223 | 761942 | 02/11/1974 | 1356 | .0 | | | | 2.34 | 5.07 | 9.18 | 7.38 |
| 10C | 390223 | 761942 | 02/11/1974 | 1354 | 2.0 | | | | 2.33 | 5.07 | 9.18 | 7.38 |
| 10C | 390223 | 761942 | 02/11/1974 | 1352 | 4.0 | | | | 2.38 | 5.09 | 9.22 | 7.42 |
| 10C | 390223 | 761942 | 02/11/1974 | 1350 | 6.0 | | | | 2.26 | 5.06 | 9.17 | 7.37 |
| 10C | 390223 | 761942 | 03/20/1974 | 1501 | .0 | 40 | 10 | 0 | 6.57 | 3.27 | 5.93 | 4.67 |
| 10C | 390223 | 761942 | 03/20/1974 | 1459 | 2.0 | 40 | 10 | 0 | 6.19 | 3.78 | 6.85 | 5.41 |
| 10C | 390223 | 761942 | 03/20/1974 | 1457 | 4.0 | 40 | 10 | 0 | 6.14 | 4.20 | 7.61 | 6.02 |
| 10C | 390223 | 761942 | 03/20/1974 | 1455 | 6.0 | 40 | 10 | 0 | 6.11 | 6.36 | 11.50 | 9.09 |
| 10C | 390223 | 761942 | 06/14/1974 | 1221 | .0 | 225 | 6 | 0 | 24.12 | 3.08 | 5.58 | 1.54 |
| 10C | 390223 | 761942 | 06/14/1974 | 1219 | 2.0 | 225 | 6 | 0 | 22.33 | 3.36 | 6.09 | 2.36 |
| 10C | 390223 | 761942 | 06/14/1974 | 1217 | 4.0 | 225 | 6 | 0 | 21.80 | 4.23 | 7.67 | 3.68 |
| 10C | 390223 | 761942 | 06/14/1974 | 1215 | 5.3 | 225 | 6 | 0 | 19.44 | 6.48 | 11.73 | 7.29 |
| 10C | 390223 | 761942 | 07/31/1974 | 1519 | .4 | | | 1 | 28.20 | 5.46 | 9.89 | 3.62 |
| 10C | 390223 | 761942 | 07/31/1974 | 1517 | 2.4 | | | 1 | 25.04 | 6.08 | 11.01 | 5.36 |
| 10C | 390223 | 761942 | 07/31/1974 | 1515 | 4.4 | | | 1 | 24.96 | 6.31 | 11.41 | 5.68 |
| 10C | 390223 | 761942 | 09/18/1974 | 948 | .0 | 140 | 7 | 0 | 23.14 | 6.19 | 11.20 | 6.01 |
| 10C | 390223 | 761942 | 09/18/1974 | 946 | 2.0 | 140 | 7 | 0 | 23.13 | 6.20 | 11.23 | 6.03 |
| 10C | 390223 | 761942 | 09/18/1974 | 944 | 4.0 | 140 | 7 | 0 | 23.13 | 6.24 | 11.30 | 6.09 |
| 10C | 390223 | 761942 | 09/18/1974 | 942 | 6.0 | 140 | 7 | 0 | 23.38 | 6.39 | 11.56 | 6.22 |
| 10C | 390223 | 761942 | 09/18/1974 | 940 | 7.0 | 140 | 7 | 0 | 23.79 | 7.79 | 14.10 | 8.01 |

| STAT ION C202 | LATI TUDE C222 | LONGI TUDE C223 | DATE MM DD YY C203 | TIME HRS C204 | SAMPLE DEPT M C210 | WIND DIR D C205 | WIND KNTS C206 | WEATHER CODE C207 | WATER TEMP C C211 | CHLORNT H20 PPT C216 | SALINT H20 PPT C217 | WATER SIGMA T C218 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 10C | 390223 | 761942 | 11/25/1974 | 1016 | .0 | 200 | 2 | 1 | 9.94 | 7.63 | 13.80 | 10.52 |
| 10C | 390223 | 761942 | 11/25/1974 | 1014 | 2.0 | 200 | 2 | 1 | 9.97 | 7.82 | 14.15 | 10.79 |
| 10C | 390223 | 761942 | 11/25/1974 | 1012 | 4.0 | 200 | 2 | 1 | 10.00 | 7.96 | 14.39 | 10.97 |
| 10C | 390223 | 761942 | 11/25/1974 | 1010 | 6.0 | 200 | 2 | 1 | 10.17 | 7.98 | 14.43 | 10.98 |
| 11A | 385810 | 762458 | 12/12/1973 | 851 | .0 | 270 | 18 | 1 | 6.93 | 5.85 | 10.58 | 8.31 |
| 11A | 385810 | 762458 | 12/12/1973 | 930 | .0 | 260 | 16 | 1 | 6.92 | 5.80 | 10.50 | 8.25 |
| 11A | 385810 | 762458 | 12/12/1973 | 849 | 2.0 | 270 | 18 | 1 | 6.96 | 5.85 | 10.58 | 8.30 |
| 11A | 385810 | 762458 | 12/12/1973 | 945 | 2.0 | 260 | 16 | 1 | 6.98 | 5.81 | 10.52 | 8.26 |
| 11A | 385810 | 762458 | 12/12/1973 | 1000 | 4.0 | 260 | 16 | 1 | 7.02 | 5.85 | 10.59 | 8.31 |
| 11A | 385810 | 762458 | 12/12/1973 | 847 | 4.0 | 270 | 18 | 1 | 7.01 | 5.86 | 10.61 | 8.33 |
| 11A | 385810 | 762458 | 12/12/1973 | 845 | 5.0 | 270 | 18 | 1 | 7.10 | 5.89 | 10.65 | 8.35 |
| 11A | 385810 | 762458 | 12/12/1973 | 1020 | 6.0 | 260 | 16 | 1 | 8.73 | 6.67 | 12.07 | 9.31 |
| 11A | 385810 | 762458 | 01/23/1974 | 845 | .0 | | | 4 | 3.06 | 3.03 | 5.49 | 4.43 |
| 11A | 385810 | 762458 | 01/23/1974 | 738 | .0 | | | | 3.78 | 3.10 | 5.63 | 4.53 |
| 11A | 385810 | 762458 | 01/23/1974 | 736 | 1.0 | | | | 3.67 | 3.17 | 5.76 | 4.64 |
| 11A | 385810 | 762458 | 01/23/1974 | 858 | 2.0 | | | 4 | 3.08 | 3.17 | 5.75 | 4.64 |
| 11A | 385810 | 762458 | 01/23/1974 | 734 | 2.0 | | | | 3.83 | 3.32 | 6.02 | 4.85 |
| 11A | 385810 | 762458 | 01/23/1974 | 732 | 4.0 | | | | 4.05 | 4.05 | 7.33 | 5.89 |
| 11A | 385810 | 762458 | 01/23/1974 | 910 | 4.0 | | | 4 | 3.34 | 3.77 | 6.84 | 5.50 |
| 11A | 385810 | 762458 | 01/23/1974 | 920 | 5.0 | | | 4 | 3.48 | 4.62 | 8.36 | 6.72 |
| 11A | 385810 | 762458 | 01/23/1974 | 730 | 6.0 | | | | 4.86 | 7.18 | 12.99 | 10.34 |
| 11A | 385810 | 762458 | 02/11/1974 | 1006 | .0 | 30 | 36 | 1 | 2.73 | 5.81 | 10.51 | 8.45 |
| 11A | 385810 | 762458 | 02/11/1974 | 1004 | 2.0 | 30 | 36 | 1 | 2.83 | 5.82 | 10.54 | 8.46 |
| 11A | 385810 | 762458 | 02/11/1974 | 1002 | 4.0 | 30 | 36 | 1 | 2.79 | 5.83 | 10.55 | 8.47 |
| 11A | 385810 | 762458 | 02/11/1974 | 1000 | 6.0 | 30 | 36 | 1 | 2.83 | 5.86 | 10.61 | 8.52 |
| 11A | 385810 | 762458 | 03/20/1974 | 853 | .0 | 30 | 15 | 2 | 6.20 | 3.59 | 6.50 | 5.14 |
| 11A | 385810 | 762458 | 03/20/1974 | 751 | .0 | 40 | 13 | 1 | 6.16 | 3.57 | 6.47 | 5.12 |
| 11A | 385810 | 762458 | 03/20/1974 | 851 | 2.0 | 30 | 15 | 2 | 6.20 | 3.59 | 6.51 | 5.15 |
| 11A | 385810 | 762458 | 03/20/1974 | 749 | 2.0 | 40 | 13 | 1 | 6.16 | 3.59 | 6.52 | 5.16 |
| 11A | 385810 | 762458 | 03/20/1974 | 747 | 4.0 | 40 | 13 | 1 | 6.18 | 3.63 | 6.58 | 5.21 |
| 11A | 385810 | 762458 | 03/20/1974 | 849 | 4.0 | 30 | 15 | 2 | 6.18 | 3.74 | 6.77 | 5.36 |
| 11A | 385810 | 762458 | 03/20/1974 | 745 | 6.0 | 40 | 13 | 1 | 6.17 | 3.91 | 7.08 | 5.60 |
| 11A | 385810 | 762458 | 03/20/1974 | 847 | 6.0 | 30 | 15 | 2 | 6.17 | 4.21 | 7.63 | 6.03 |
| 11A | 385810 | 762458 | 03/20/1974 | 845 | 6.6 | 30 | 15 | 2 | 6.17 | 4.32 | 7.82 | 6.18 |
| 11A | 385810 | 762458 | 05/01/1974 | 813 | .0 | 285 | 15 | | 14.78 | 3.95 | 7.16 | 4.71 |
| 11A | 385810 | 762458 | 05/01/1974 | 811 | 2.0 | 285 | 15 | | 14.77 | 3.95 | 7.16 | 4.71 |
| 11A | 385810 | 762458 | 05/01/1974 | 809 | 4.0 | 285 | 15 | | 14.16 | 4.02 | 7.28 | 4.90 |
| 11A | 385810 | 762458 | 05/01/1974 | 807 | 6.0 | 285 | 15 | | 13.41 | 4.13 | 7.48 | 5.16 |
| 11A | 385810 | 762458 | 05/01/1974 | 805 | 8.0 | 285 | 15 | | 13.20 | 4.18 | 7.58 | 5.27 |
| 11A | 385810 | 762458 | 05/02/1974 | 719 | .0 | 40 | 5 | 2 | 14.65 | 2.89 | 5.25 | 3.26 |
| 11A | 385810 | 762458 | 05/02/1974 | 717 | 2.0 | 40 | 5 | 2 | 14.92 | 2.90 | 5.27 | 3.23 |
| 11A | 385810 | 762458 | 05/02/1974 | 715 | 4.7 | 40 | 5 | 2 | 14.89 | 2.94 | 5.35 | 3.30 |
| 11A | 385810 | 762458 | 06/12/1974 | 806 | .0 | 290 | 3 | 1 | 22.64 | 3.41 | 6.18 | 2.36 |
| 11A | 385810 | 762458 | 06/12/1974 | 804 | 2.0 | 290 | 3 | 1 | 22.38 | 3.75 | 6.80 | 2.89 |
| 11A | 385810 | 762458 | 06/12/1974 | 802 | 4.0 | 290 | 3 | 1 | 20.58 | 4.84 | 8.77 | 4.79 |
| 11A | 385810 | 762458 | 06/12/1974 | 800 | 6.0 | 290 | 3 | 1 | 18.78 | 6.29 | 11.38 | 7.17 |
| 11A | 385810 | 762458 | 07/31/1974 | 719 | .4 | | | 4 | 25.34 | 6.29 | 11.37 | 5.55 |
| 11A | 385810 | 762458 | 07/31/1974 | 717 | 2.4 | | | 4 | 25.13 | 6.44 | 11.65 | 5.82 |
| 11A | 385810 | 762458 | 07/31/1974 | 715 | 4.4 | | | 4 | 24.88 | 6.52 | 11.80 | 6.00 |
| 11A | 385810 | 762458 | 09/18/1974 | 730 | .0 | 140 | 7 | 0 | 23.00 | 6.49 | 11.75 | 6.45 |

| STAT ION C202 | LATI TUDE C222 | LONGI TUDE C223 | DATE MM DD YY C203 | TIME HRS C204 | SAMPLE DEPT M C210 | WIND DIR D C205 | WIND KNTS C206 | WEATHER CODE C207 | WATER TEMP C C211 | CHLORNT H20 PPT C216 | SALINT H20 PPT C217 | WATER SIGMA T C218 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 11A | 385810 | 762458 | 09/18/1974 | 728 | 2.0 | 140 | 7 | 0 | 23.17 | 6.74 | 12.20 | 6.75 |
| 11A | 385810 | 762458 | 09/18/1974 | 726 | 4.0 | 140 | 7 | 0 | 23.44 | 6.89 | 12.47 | 6.89 |
| 11A | 385810 | 762458 | 09/18/1974 | 724 | 6.0 | 140 | 7 | 0 | 23.39 | 7.27 | 13.14 | 7.40 |
| 11A | 385810 | 762458 | 11/25/1974 | 751 | .0 | 200 | 5 | 0 | 10.13 | 8.15 | 14.75 | 11.23 |
| 11A | 385810 | 762458 | 11/25/1974 | 749 | 2.0 | 200 | 5 | 0 | 10.26 | 8.24 | 14.91 | 11.34 |
| 11A | 385810 | 762458 | 11/25/1974 | 747 | 4.0 | 200 | 5 | 0 | 10.42 | 8.33 | 15.07 | 11.44 |
| 11A | 385810 | 762458 | 11/25/1974 | 745 | 5.0 | 200 | 5 | 0 | 10.43 | 8.34 | 15.08 | 11.45 |
| 11B | 385756 | 762348 | 12/12/1973 | 1136 | .0 | 270 | 17 | 1 | 7.65 | 5.60 | 10.14 | 7.90 |
| 11B | 385756 | 762348 | 12/12/1973 | 1146 | 2.0 | 270 | 17 | 1 | 7.50 | 5.62 | 10.18 | 7.95 |
| 11B | 385756 | 762348 | 12/12/1973 | 1156 | 4.0 | 270 | 17 | 1 | 7.48 | 5.61 | 10.15 | 7.92 |
| 11B | 385756 | 762348 | 12/12/1973 | 1205 | 6.0 | 270 | 17 | 1 | 7.73 | 5.81 | 10.51 | 8.18 |
| 11B | 385756 | 762348 | 12/12/1973 | 1212 | 8.0 | 270 | 17 | 1 | 8.13 | 5.46 | 9.89 | 7.66 |
| 11B | 385756 | 762348 | 12/12/1973 | 1220 | 10.0 | 270 | 17 | 1 | 9.28 | 5.35 | 9.68 | 7.39 |
| 11B | 385756 | 762348 | 12/12/1973 | 1228 | 12.0 | 270 | 17 | 1 | 9.89 | 8.53 | 15.43 | 11.79 |
| 11B | 385756 | 762348 | 12/12/1973 | 1235 | 13.0 | 270 | 17 | 1 | 9.91 | 8.56 | 15.49 | 11.83 |
| 11B | 385756 | 762348 | 01/23/1974 | 1009 | .0 | | | | 2.96 | 2.96 | 5.37 | 4.34 |
| 11B | 385756 | 762348 | 01/23/1974 | 1030 | 2.0 | | | | 2.93 | 3.07 | 5.56 | 4.49 |
| 11B | 385756 | 762348 | 01/23/1974 | 1037 | 4.0 | | | | 3.57 | 4.67 | 8.46 | 6.80 |
| 11B | 385756 | 762348 | 01/23/1974 | 1045 | 6.0 | | | | 4.03 | 6.28 | 11.36 | 9.08 |
| 11B | 385756 | 762348 | 01/23/1974 | 1100 | 8.0 | | | | 4.42 | 6.88 | 12.44 | 9.92 |
| 11B | 385756 | 762348 | 01/23/1974 | 1120 | 10.0 | | | | 4.97 | 8.01 | 14.48 | 11.51 |
| 11B | 385756 | 762348 | 01/23/1974 | 1126 | 12.0 | | | | 5.24 | 8.44 | 15.27 | 12.11 |
| 11B | 385756 | 762348 | 01/23/1974 | 1140 | 13.0 | | | | 5.23 | 8.42 | 15.23 | 12.09 |
| 11B | 385756 | 762348 | 02/11/1974 | 1047 | .0 | 30 | 40 | 1 | 2.81 | 5.84 | 10.58 | 8.49 |
| 11B | 385756 | 762348 | 02/11/1974 | 1045 | 2.0 | 30 | 40 | 1 | 2.77 | 5.85 | 10.59 | 8.50 |
| 11B | 385756 | 762348 | 02/11/1974 | 1043 | 4.0 | 30 | 40 | 1 | 2.76 | 5.85 | 10.58 | 8.50 |
| 11B | 385756 | 762348 | 02/11/1974 | 1041 | 6.0 | 30 | 40 | 1 | 2.81 | 5.84 | 10.56 | 8.48 |
| 11B | 385756 | 762348 | 02/11/1974 | 1039 | 8.0 | 30 | 40 | 1 | 2.79 | 5.85 | 10.58 | 8.50 |
| 11B | 385756 | 762348 | 02/11/1974 | 1037 | 10.0 | 30 | 40 | 1 | 4.49 | 7.90 | 14.29 | 11.39 |
| 11B | 385756 | 762348 | 02/11/1974 | 1035 | 12.3 | 30 | 40 | 1 | 4.81 | 8.55 | 15.45 | 12.29 |
| 11B | 385756 | 762348 | 03/20/1974 | 854 | .0 | 40 | 10 | 1 | 6.05 | 3.73 | 6.77 | 5.36 |
| 11B | 385756 | 762348 | 03/20/1974 | 852 | 2.0 | 40 | 10 | 1 | 6.02 | 3.84 | 6.97 | 5.52 |
| 11B | 385756 | 762348 | 03/20/1974 | 850 | 4.0 | 40 | 10 | 1 | 5.99 | 3.86 | 6.99 | 5.54 |
| 11B | 385756 | 762348 | 03/20/1974 | 848 | 6.0 | 40 | 10 | 1 | 6.08 | 5.06 | 9.16 | 7.25 |
| 11B | 385756 | 762348 | 03/20/1974 | 846 | 8.0 | 40 | 10 | 1 | 6.05 | 5.55 | 10.05 | 7.95 |
| 11B | 385756 | 762348 | 03/20/1974 | 844 | 10.0 | 40 | 10 | 1 | 6.03 | 6.98 | 12.63 | 9.98 |
| 11B | 385756 | 762348 | 03/20/1974 | 842 | 12.0 | 40 | 10 | 1 | 6.06 | 7.23 | 13.08 | 10.34 |
| 11B | 385756 | 762348 | 03/20/1974 | 840 | 13.0 | 40 | 10 | 1 | 6.08 | 7.51 | 13.59 | 10.73 |
| 11B | 385756 | 762348 | 05/01/1974 | 1029 | .0 | 285 | 25 | 1 | 15.14 | 3.19 | 5.79 | 3.60 |
| 11B | 385756 | 762348 | 05/01/1974 | 1027 | 2.0 | 285 | 25 | 1 | 15.12 | 3.19 | 5.79 | 3.60 |
| 11B | 385756 | 762348 | 05/01/1974 | 1025 | 4.0 | 285 | 25 | 1 | 14.92 | 3.21 | 5.83 | 3.66 |
| 11B | 385756 | 762348 | 05/01/1974 | 1023 | 6.0 | 285 | 25 | 1 | 14.90 | 3.31 | 6.01 | 3.81 |
| 11B | 385756 | 762348 | 05/01/1974 | 1021 | 8.0 | 285 | 25 | 1 | 14.34 | 4.07 | 7.38 | 4.94 |
| 11B | 385756 | 762348 | 05/01/1974 | 1019 | 10.0 | 285 | 25 | 1 | 12.56 | 4.76 | 8.61 | 6.16 |
| 11B | 385756 | 762348 | 05/01/1974 | 1017 | 12.0 | 285 | 25 | 1 | 11.75 | 5.40 | 9.77 | 7.17 |
| 11B | 385756 | 762348 | 05/01/1974 | 1015 | 13.0 | 285 | 25 | 1 | 11.37 | 5.80 | 10.50 | 7.78 |
| 11B | 385756 | 762348 | 06/14/1974 | 1259 | .0 | | | 0 | 23.81 | 3.44 | 6.24 | 2.11 |
| 11B | 385756 | 762348 | 06/14/1974 | 1257 | 2.0 | | | 0 | 22.53 | 3.47 | 6.29 | 2.46 |
| 11B | 385756 | 762348 | 06/14/1974 | 1255 | 4.0 | | | 0 | 22.11 | 3.61 | 6.54 | 2.75 |
| 11B | 385756 | 762348 | 06/14/1974 | 1253 | 6.0 | | | 0 | 20.36 | 5.42 | 9.21 | 5.63 |

| STAT ION C202 | LATI TUDE C222 | LONGI TUDE C223 | DATE MM DD YY C203 | TIME HRS C204 | SAMPLE DEPT M C210 | WIND DIR D C205 | WIND KNTS C206 | WEATHER CODE C207 | WATER TEMP C C211 | CHLORNT H20 PPT C216 | SALINT H20 PPT C217 | WATER SIGMA T C218 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 11B | 385756 | 762348 | 06/14/1974 | 1251 | 8.0 | | | 0 | 17.73 | 8.08 | 14.61 | 9.84 |
| 11B | 385756 | 762348 | 06/14/1974 | 1249 | 10.0 | | | 0 | 17.43 | 8.76 | 15.85 | 10.85 |
| 11B | 385756 | 762348 | 06/14/1974 | 1247 | 12.0 | | | 0 | 17.51 | 8.93 | 16.14 | 11.05 |
| 11B | 385756 | 762348 | 06/14/1974 | 1245 | 14.4 | | | 0 | 17.50 | 9.03 | 16.32 | 11.19 |
| 11B | 385756 | 762348 | 07/31/1974 | 827 | .0 | | | 4 | 25.23 | 6.03 | 10.92 | 5.24 |
| 11B | 385756 | 762348 | 07/31/1974 | 825 | 2.0 | | | 4 | 24.98 | 6.40 | 11.58 | 5.80 |
| 11B | 385756 | 762348 | 07/31/1974 | 823 | 4.0 | | | 4 | 24.88 | 6.45 | 11.68 | 5.91 |
| 11B | 385756 | 762348 | 07/31/1974 | 821 | 6.0 | | | 4 | 24.82 | 6.52 | 11.80 | 6.02 |
| 11B | 385756 | 762348 | 07/31/1974 | 819 | 8.0 | | | 4 | 24.41 | 6.96 | 12.58 | 6.71 |
| 11B | 385756 | 762348 | 07/31/1974 | 817 | 10.0 | | | 4 | 23.62 | 8.23 | 14.89 | 8.65 |
| 11B | 385756 | 762348 | 07/31/1974 | 815 | 12.0 | | | 4 | 23.44 | 8.72 | 15.77 | 9.36 |
| 11B | 385756 | 762348 | 09/18/1974 | 756 | .0 | 140 | 7 | 0 | 23.10 | 6.60 | 11.95 | 6.58 |
| 11B | 385756 | 762348 | 09/18/1974 | 754 | 2.0 | 140 | 7 | 0 | 23.15 | 6.61 | 11.97 | 6.58 |
| 11B | 385756 | 762348 | 09/18/1974 | 752 | 4.0 | 140 | 7 | 0 | 23.25 | 6.63 | 12.00 | 6.58 |
| 11B | 385756 | 762348 | 09/18/1974 | 750 | 6.0 | 140 | 7 | 0 | 23.57 | 6.98 | 12.63 | 6.97 |
| 11B | 385756 | 762348 | 09/18/1974 | 748 | 8.0 | 140 | 7 | 0 | 23.76 | 7.58 | 13.71 | 7.73 |
| 11B | 385756 | 762348 | 09/18/1974 | 746 | 10.0 | 140 | 7 | 0 | 23.88 | 8.04 | 14.54 | 8.32 |
| 11B | 385756 | 762348 | 09/18/1974 | 744 | 12.0 | 140 | 7 | 0 | 23.95 | 8.36 | 15.12 | 8.74 |
| 11B | 385756 | 762348 | 09/18/1974 | 742 | 14.0 | 140 | 7 | 0 | 24.06 | 8.73 | 15.79 | 9.21 |
| 11B | 385756 | 762348 | 09/18/1974 | 740 | 15.0 | 140 | 7 | 0 | 24.04 | 8.81 | 15.94 | 9.32 |
| 11B | 385756 | 762348 | 11/25/1974 | 814 | .0 | 200 | 5 | 1 | 10.22 | 8.12 | 14.68 | 11.17 |
| 11B | 385756 | 762348 | 11/25/1974 | 812 | 2.0 | 200 | 5 | 1 | 10.26 | 8.08 | 14.61 | 11.11 |
| 11B | 385756 | 762348 | 11/25/1974 | 810 | 4.0 | 200 | 5 | 1 | 10.35 | 8.28 | 14.97 | 11.38 |
| 11B | 385756 | 762348 | 11/25/1974 | 808 | 6.0 | 200 | 5 | 1 | 10.49 | 8.35 | 15.11 | 11.46 |
| 11B | 385756 | 762348 | 11/25/1974 | 806 | 8.0 | 200 | 5 | 1 | 10.58 | 8.33 | 15.07 | 11.43 |
| 11B | 385756 | 762348 | 11/25/1974 | 804 | 10.0 | 200 | 5 | 1 | 10.57 | 8.37 | 15.11 | 11.43 |
| 11B | 385756 | 762348 | 11/25/1974 | 802 | 12.0 | 200 | 5 | 1 | 10.96 | 8.49 | 15.35 | 11.59 |
| 11B | 385756 | 762348 | 11/25/1974 | 800 | 13.0 | 200 | 5 | 1 | 10.94 | 8.56 | 15.47 | 11.69 |
| 11C | 385743 | 762248 | 12/12/1973 | 1304 | .0 | 250 | 15 | 2 | 7.17 | 5.17 | 9.37 | 7.34 |
| 11C | 385743 | 762248 | 12/12/1973 | 1320 | 2.0 | 250 | 15 | 2 | 7.11 | 5.21 | 9.44 | 7.40 |
| 11C | 385743 | 762248 | 12/12/1973 | 1335 | 4.0 | 250 | 15 | 2 | 8.06 | 6.58 | 11.91 | 9.25 |
| 11C | 385743 | 762248 | 12/12/1973 | 1350 | 8.0 | 250 | 15 | 2 | 9.06 | 7.28 | 13.17 | 10.13 |
| 11C | 385743 | 762248 | 12/12/1973 | 1405 | 12.0 | 250 | 15 | 2 | 9.38 | 8.13 | 14.71 | 11.29 |
| 11C | 385743 | 762248 | 12/12/1973 | 1420 | 16.0 | 250 | 15 | 2 | 9.59 | 8.36 | 15.12 | 11.58 |
| 11C | 385743 | 762248 | 12/12/1973 | 1435 | 20.0 | 250 | 15 | 2 | 9.94 | 8.77 | 15.86 | 12.12 |
| 11C | 385743 | 762248 | 12/12/1973 | 1450 | 24.0 | 250 | 15 | 2 | 10.03 | 8.91 | 16.11 | 12.30 |
| 11C | 385743 | 762248 | 12/12/1973 | 1504 | 27.5 | 250 | 15 | 2 | 10.00 | 9.09 | 16.44 | 12.56 |
| 11C | 385743 | 762248 | 01/23/1974 | 926 | .0 | 175 | 13 | 4 | 4.12 | 3.57 | 6.48 | 5.21 |
| 11C | 385743 | 762248 | 01/23/1974 | 1215 | .0 | 160 | 6 | 0 | 3.63 | 3.86 | 7.00 | 5.63 |
| 11C | 385743 | 762248 | 01/23/1974 | 1220 | 2.0 | 160 | 6 | 0 | 3.34 | 3.82 | 6.93 | 5.58 |
| 11C | 385743 | 762248 | 01/23/1974 | 924 | 2.0 | 175 | 13 | 4 | 4.43 | 4.77 | 8.64 | 6.91 |
| 11C | 385743 | 762248 | 01/23/1974 | 922 | 4.0 | 175 | 13 | 4 | 4.66 | 5.76 | 10.42 | 8.31 |
| 11C | 385743 | 762248 | 01/23/1974 | 1235 | 4.0 | 160 | 6 | 0 | 3.38 | 4.72 | 8.56 | 6.87 |
| 11C | 385743 | 762248 | 01/23/1974 | 920 | 6.0 | 175 | 13 | 4 | 5.03 | 6.94 | 12.56 | 9.99 |
| 11C | 385743 | 762248 | 01/23/1974 | 918 | 8.0 | 175 | 13 | 4 | 5.24 | 7.36 | 13.31 | 10.57 |
| 11C | 385743 | 762248 | 01/23/1974 | 1300 | 8.0 | 160 | 6 | 0 | 4.39 | 6.98 | 12.62 | 10.07 |
| 11C | 385743 | 762248 | 01/23/1974 | 916 | 10.0 | 175 | 13 | 4 | 5.82 | 8.35 | 15.11 | 11.94 |
| 11C | 385743 | 762248 | 01/23/1974 | 914 | 12.0 | 175 | 13 | 4 | 5.92 | 8.56 | 15.48 | 12.23 |
| 11C | 385743 | 762248 | 01/23/1974 | 1315 | 12.0 | 160 | 6 | 0 | 5.00 | 8.10 | 14.66 | 11.65 |
| 11C | 385743 | 762248 | 01/23/1974 | 912 | 14.0 | 175 | 13 | 4 | 5.93 | 8.63 | 15.60 | 12.33 |

| STATION C202 | LATITUDE C222 | LONGITUDE C223 | DATE MM DD YY C203 | TIME HRS C204 | SAMPLE DEPT M C210 | WIND DIR D C205 | WIND KNTS C206 | WEATHER CODE C207 | WATER TEMP C C211 | CHLORNT H20 PPT C216 | SALINT H20 PPT C217 | WATER SIGMA T C218 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 11C | 385743 | 762248 | 01/23/1974 | 1320 | 16.0 | 160 | 6 | 0 | 5.33 | 8.66 | 15.66 | 12.41 |
| 11C | 385743 | 762248 | 01/23/1974 | 910 | 16.0 | 175 | 13 | 4 | 5.95 | 8.74 | 15.81 | 12.49 |
| 11C | 385743 | 762248 | 01/23/1974 | 908 | 18.0 | 175 | 13 | 4 | 5.96 | 8.79 | 15.90 | 12.56 |
| 11C | 385743 | 762248 | 01/23/1974 | 1350 | 20.0 | 160 | 6 | 0 | 5.39 | 8.74 | 15.80 | 2.52 |
| 11C | 385743 | 762248 | 01/23/1974 | 906 | 20.0 | 175 | 13 | 4 | 6.01 | 9.00 | 16.28 | 12.85 |
| 11C | 385743 | 762248 | 01/23/1974 | 904 | 22.0 | 175 | 13 | 4 | 6.05 | 9.13 | 16.51 | 13.03 |
| 11C | 385743 | 762248 | 01/23/1974 | 902 | 24.0 | 175 | 13 | 4 | 6.03 | 9.13 | 16.52 | 13.04 |
| 11C | 385743 | 762248 | 01/23/1974 | 1400 | 24.0 | 160 | 6 | 0 | 5.45 | 8.84 | 15.98 | 12.66 |
| 11C | 385743 | 762248 | 01/23/1974 | 900 | 26.0 | 175 | 13 | 4 | 6.05 | 9.12 | 16.49 | 13.01 |
| 11C | 385743 | 762248 | 01/23/1974 | 1405 | 27.0 | 160 | 6 | 0 | 5.56 | 9.06 | 16.39 | 12.97 |
| 11C | 385743 | 762248 | 02/11/1974 | 1148 | .0 | 30 | 40 | 1 | 2.64 | 5.57 | 10.09 | 8.11 |
| 11C | 385743 | 762248 | 02/11/1974 | 1146 | 2.0 | 30 | 40 | 1 | 2.59 | 5.60 | 10.14 | 8.15 |
| 11C | 385743 | 762248 | 02/11/1974 | 1144 | 4.0 | 30 | 40 | 1 | 2.53 | 5.59 | 10.12 | 8.14 |
| 11C | 385743 | 762248 | 02/11/1974 | 1142 | 6.0 | 30 | 40 | 1 | 2.51 | 5.58 | 10.10 | 8.11 |
| 11C | 385743 | 762248 | 02/11/1974 | 1140 | 8.0 | 30 | 40 | 1 | 2.56 | 5.59 | 10.11 | 8.13 |
| 11C | 385743 | 762248 | 02/11/1974 | 1138 | 10.0 | 30 | 40 | 1 | 2.62 | 5.59 | 10.12 | 8.13 |
| 11C | 385743 | 762248 | 02/11/1974 | 1136 | 12.0 | 30 | 40 | 1 | 4.68 | 8.57 | 15.49 | 12.32 |
| 11C | 385743 | 762248 | 02/11/1974 | 1134 | 16.0 | 30 | 40 | 1 | 4.67 | 8.75 | 15.83 | 12.59 |
| 11C | 385743 | 762248 | 02/11/1974 | 1132 | 20.0 | 30 | 40 | 1 | 4.98 | 9.13 | 16.51 | 13.11 |
| 11C | 385743 | 762248 | 02/11/1974 | 1130 | 24.0 | 30 | 40 | 1 | 5.26 | 9.65 | 17.45 | 13.83 |
| 11C | 385743 | 762248 | 03/20/1974 | 1046 | .0 | 40 | 13 | 1 | 6.32 | 3.90 | 7.08 | 5.59 |
| 11C | 385743 | 762248 | 03/20/1974 | 1044 | 4.0 | 40 | 13 | 1 | 6.04 | 5.12 | 9.28 | 7.34 |
| 11C | 385743 | 762248 | 03/20/1974 | 1042 | 8.0 | 40 | 13 | 1 | 6.03 | 6.31 | 11.42 | 9.03 |
| 11C | 385743 | 762248 | 03/20/1974 | 1040 | 12.0 | 40 | 13 | 1 | 6.16 | 7.26 | 13.14 | 10.37 |
| 11C | 385743 | 762248 | 03/20/1974 | 1038 | 16.0 | 40 | 13 | 1 | 6.42 | 8.05 | 14.56 | 11.47 |
| 11C | 385743 | 762248 | 03/20/1974 | 1036 | 20.0 | 40 | 13 | 1 | 6.66 | 8.34 | 15.08 | 11.86 |
| 11C | 385743 | 762248 | 03/20/1974 | 1034 | 24.0 | 40 | 13 | 1 | 6.78 | 8.47 | 15.32 | 12.03 |
| 11C | 385743 | 762248 | 03/20/1974 | 1032 | 28.0 | 40 | 13 | 1 | 6.85 | 8.56 | 15.49 | 12.16 |
| 11C | 385743 | 762248 | 03/20/1974 | 1030 | 29.0 | 40 | 13 | 1 | 6.84 | 8.55 | 15.46 | 12.14 |
| 11C | 385743 | 762248 | 05/01/1974 | 1345 | .0 | 285 | 15 | 0 | 15.44 | 3.07 | 5.57 | 3.38 |
| 11C | 385743 | 762248 | 05/01/1974 | 1343 | 4.0 | 285 | 15 | 0 | 15.35 | 3.10 | 5.63 | 3.44 |
| 11C | 385743 | 762248 | 05/01/1974 | 1341 | 8.0 | 285 | 15 | 0 | 12.96 | 4.16 | 7.54 | 5.28 |
| 11C | 385743 | 762248 | 05/01/1974 | 1339 | 12.0 | 285 | 15 | 0 | 11.38 | 5.18 | 9.38 | 6.91 |
| 11C | 385743 | 762248 | 05/01/1974 | 1337 | 16.0 | 285 | 15 | 0 | 10.43 | 6.39 | 11.56 | 8.72 |
| 11C | 385743 | 762248 | 05/01/1974 | 1335 | 20.0 | 285 | 15 | 0 | 10.18 | 6.18 | 11.18 | 8.46 |
| 11C | 385743 | 762248 | 06/12/1974 | 724 | .0 | 315 | 5 | 0 | 22.28 | 3.37 | 6.12 | 2.39 |
| 11C | 385743 | 762248 | 06/12/1974 | 722 | 2.0 | 315 | 5 | 0 | 22.19 | 3.57 | 6.47 | 2.68 |
| 11C | 385743 | 762248 | 06/12/1974 | 720 | 4.0 | 315 | 5 | 0 | 20.38 | 4.93 | 8.93 | 4.96 |
| 11C | 385743 | 762248 | 06/12/1974 | 718 | 6.0 | 315 | 5 | 0 | 18.59 | 6.60 | 11.95 | 7.64 |
| 11C | 385743 | 762248 | 06/12/1974 | 716 | 8.0 | 315 | 5 | 0 | 17.06 | 8.42 | 15.22 | 10.45 |
| 11C | 385743 | 762248 | 06/12/1974 | 714 | 10.0 | 315 | 5 | 0 | 17.00 | 9.08 | 16.42 | 11.37 |
| 11C | 385743 | 762248 | 06/12/1974 | 712 | 12.0 | 315 | 5 | 0 | 17.23 | 9.30 | 16.82 | 11.63 |
| 11C | 385743 | 762248 | 06/12/1974 | 710 | 14.0 | 315 | 5 | 0 | 17.31 | 9.45 | 17.09 | 11.81 |
| 11C | 385743 | 762248 | 06/12/1974 | 708 | 16.0 | 315 | 5 | 0 | 17.34 | 9.53 | 17.23 | 11.92 |
| 11C | 385743 | 762248 | 06/12/1974 | 706 | 18.0 | 315 | 5 | 0 | 17.37 | 9.58 | 17.32 | 11.98 |
| 11C | 385743 | 762248 | 06/12/1974 | 704 | 20.0 | 315 | 5 | 0 | 17.37 | 9.59 | 17.33 | 11.99 |
| 11C | 385743 | 762248 | 06/12/1974 | 702 | 24.0 | 315 | 5 | 0 | 17.38 | 9.60 | 17.35 | 12.00 |
| 11C | 385743 | 762248 | 06/12/1974 | 700 | 26.0 | 315 | 5 | 0 | 17.50 | 9.59 | 17.33 | 11.96 |
| 11C | 385743 | 762248 | 07/31/1974 | 1012 | 2.4 | | | 4 | 25.13 | 6.36 | 11.50 | 5.71 |
| 11C | 385743 | 762248 | 07/31/1974 | 1010 | 6.4 | | | 4 | 24.21 | 7.14 | 12.93 | 7.02 |

| STAT ION C202 | LATI TUDE C222 | LONGI TUDE C223 | DATE MM DD YY C203 | TIME HRS C204 | SAMPLE DEPT M C210 | WIND DIR D C205 | WIND KNTS C206 | WEATHER CODE C207 | WATER TEMP C C211 | CHLORNT H20 PPT C216 | SALINT H20 PPT C217 | WATER SIGMA T C218 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 11C | 385743 | 762248 | 07/31/1974 | 1008 | 10.4 | | | 4 | 23.57 | 8.44 | 15.27 | 8.95 |
| 11C | 385743 | 762248 | 07/31/1974 | 1006 | 14.4 | | | 4 | 23.36 | 9.09 | 16.43 | 9.88 |
| 11C | 385743 | 762248 | 07/31/1974 | 1004 | 18.4 | | | 4 | 23.27 | 9.47 | 17.13 | 10.42 |
| 11C | 385743 | 762248 | 07/31/1974 | 1002 | 22.4 | | | 4 | 23.28 | 9.78 | 17.69 | 10.84 |
| 11C | 385743 | 762248 | 07/31/1974 | 1000 | 26.4 | | | 4 | 23.31 | 9.87 | 17.84 | 10.95 |
| 11C | 385743 | 762248 | 09/18/1974 | 824 | .0 | 140 | 7 | 0 | 23.09 | 6.61 | 11.96 | 6.59 |
| 11C | 385743 | 762248 | 09/18/1974 | 822 | 2.0 | 140 | 7 | 0 | 23.16 | 6.62 | 11.98 | 6.59 |
| 11C | 385743 | 762248 | 09/18/1974 | 820 | 4.0 | 140 | 7 | 0 | 23.31 | 6.69 | 12.11 | 6.65 |
| 11C | 385743 | 762248 | 09/18/1974 | 818 | 6.0 | 140 | 7 | 0 | 23.38 | 6.78 | 12.28 | 6.75 |
| 11C | 385743 | 762248 | 09/18/1974 | 816 | 8.0 | 140 | 7 | 0 | 23.61 | 7.14 | 12.92 | 7.17 |
| 11C | 385743 | 762248 | 09/18/1974 | 814 | 10.0 | 140 | 7 | 0 | 23.99 | 8.10 | 14.65 | 8.37 |
| 11C | 385743 | 762248 | 09/18/1974 | 812 | 12.0 | 140 | 7 | 0 | 24.11 | 8.52 | 15.40 | 8.90 |
| 11C | 385743 | 762248 | 09/18/1974 | 810 | 14.0 | 140 | 7 | 0 | 24.13 | 8.67 | 15.68 | 9.11 |
| 11C | 385743 | 762248 | 09/18/1974 | 808 | 16.0 | 140 | 7 | 0 | 24.18 | 8.83 | 15.96 | 9.30 |
| 11C | 385743 | 762248 | 09/18/1974 | 806 | 18.0 | 140 | 7 | 0 | 24.20 | 8.99 | 16.25 | 9.52 |
| 11C | 385743 | 762248 | 09/18/1974 | 804 | 20.0 | 140 | 7 | 0 | 24.29 | 9.22 | 16.68 | 9.81 |
| 11C | 385743 | 762248 | 09/18/1974 | 802 | 22.0 | 140 | 7 | 0 | 24.34 | 9.61 | 17.38 | 10.33 |
| 11C | 385743 | 762248 | 09/18/1974 | 800 | 26.0 | 140 | 7 | 0 | 24.39 | 9.88 | 17.86 | 10.67 |
| 11C | 385743 | 762248 | 09/18/1974 | 758 | 27.0 | 140 | 7 | 0 | 24.38 | 9.88 | 17.87 | 10.68 |
| 11C | 385743 | 762248 | 11/25/1974 | 843 | .0 | 200 | 5 | 1 | 9.84 | 7.80 | 14.10 | 10.77 |
| 11C | 385743 | 762248 | 11/25/1974 | 841 | 2.0 | 200 | 5 | 1 | 9.87 | 7.73 | 13.98 | 10.67 |
| 11C | 385743 | 762248 | 11/25/1974 | 839 | 4.0 | 200 | 5 | 1 | 10.05 | 7.87 | 14.23 | 10.89 |
| 11C | 385743 | 762248 | 11/25/1974 | 837 | 6.0 | 200 | 5 | 1 | 10.13 | 8.05 | 14.56 | 11.09 |
| 11C | 385743 | 762248 | 11/25/1974 | 835 | 8.0 | 200 | 5 | 1 | 10.13 | 8.22 | 14.87 | 11.32 |
| 11C | 385743 | 762248 | 11/25/1974 | 833 | 10.0 | 200 | 5 | 1 | 10.17 | 8.32 | 15.04 | 11.46 |
| 11C | 385743 | 762248 | 11/25/1974 | 831 | 12.0 | 200 | 5 | 1 | 10.34 | 8.38 | 15.15 | 11.52 |
| 11C | 385743 | 762248 | 11/25/1974 | 829 | 16.0 | 200 | 5 | 1 | 11.27 | 8.71 | 15.74 | 11.85 |
| 11C | 385743 | 762248 | 11/25/1974 | 827 | 20.0 | 200 | 5 | 1 | 11.62 | 9.01 | 16.30 | 12.23 |
| 11C | 385743 | 762248 | 11/25/1974 | 825 | 24.0 | 200 | 5 | 1 | 11.86 | 9.39 | 16.97 | 12.71 |

| STAT ION C202 | LATI TUDE C222 | LONGI TUDE C223 | DATE MM DD YY C203 | TIME HRS C204 | SAMPLE DEPT M C210 | T S SED MG-L C219 | S SED P ORGN C220 | VESSEL CODE C221 | DNR STATION C224 | MD GRID CODE E C225 | MD GRID CODE N C226 | STATION DEPT M C227 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 01A | 393255 | 763255 | 12/13/1973 | 1427 | .0 | 41.33 | 15.2 | 2 | XKH2952 | 10595 | 6260 | 12.0 |
| 01A | 393255 | 760447 | 12/13/1973 | 1430 | 2.0 | 42.57 | | 2 | XKH2952 | 10595 | 6260 | 12.0 |
| 01A | 393255 | 760447 | 12/13/1973 | 1433 | 4.0 | 40.55 | | 2 | XKH2952 | 10595 | 6260 | 12.0 |
| 01A | 393255 | 760447 | 12/13/1973 | 1436 | 6.0 | 41.57 | 14.3 | 2 | XKH2952 | 10595 | 6260 | 12.0 |
| 01A | 393255 | 760447 | 12/13/1973 | 1439 | 8.0 | 42.42 | | 2 | XKH2952 | 10595 | 6260 | 12.0 |
| 01A | 393255 | 760447 | 12/13/1973 | 1442 | 10.0 | 42.74 | 12.6 | 2 | XKH2952 | 10595 | 6260 | 12.0 |
| 01A | 393255 | 760447 | 12/13/1973 | 1445 | 11.0 | | | 2 | XKH2952 | 10595 | 6260 | 12.0 |
| 01A | 393255 | 760447 | 01/24/1974 | 1307 | .0 | 32.49 | 13.1 | | XKH2952 | 10595 | 6260 | 12.8 |
| 01A | 393255 | 760447 | 01/24/1974 | 720 | .0 | | | | XKH2952 | 10595 | 6260 | 11.2 |
| 01A | 393255 | 760447 | 01/24/1974 | 1305 | 2.0 | 35.03 | | | XKH2952 | 10595 | 6260 | 12.8 |
| 01A | 393255 | 760447 | 01/24/1974 | 718 | 2.0 | | | | XKH2952 | 10595 | 6260 | 11.2 |
| 01A | 393255 | 760447 | 01/24/1974 | 716 | 4.0 | | | | XKH2952 | 10595 | 6260 | 11.2 |
| 01A | 393255 | 760447 | 01/24/1974 | 1303 | 4.0 | 36.07 | | | XKH2952 | 10595 | 6260 | 12.8 |
| 01A | 393255 | 760447 | 01/24/1974 | 714 | 6.0 | | | | XKH2952 | 10595 | 6260 | 11.2 |
| 01A | 393255 | 760447 | 01/24/1974 | 1301 | 6.0 | 31.27 | 12.8 | | XKH2952 | 10595 | 6260 | 12.8 |
| 01A | 393255 | 760447 | 01/24/1974 | 712 | 8.0 | | | | XKH2952 | 10595 | 6260 | 11.2 |
| 01A | 393255 | 760447 | 01/24/1974 | 1259 | 8.0 | 35.55 | | | XKH2952 | 10595 | 6260 | 12.8 |
| 01A | 393255 | 760447 | 01/24/1974 | 710 | 10.0 | | | | XKH2952 | 10595 | 6260 | 11.2 |
| 01A | 393255 | 760447 | 01/24/1974 | 1257 | 10.0 | 37.10 | | | XKH2952 | 10595 | 6260 | 12.8 |
| 01A | 393255 | 760447 | 01/24/1974 | 1255 | 11.8 | 33.86 | 11.9 | | XKH2952 | 10595 | 6260 | 12.8 |
| 01A | 393255 | 760447 | 02/12/1974 | 1352 | .0 | 4.78 | 19.6 | 1 | XKH2952 | 10595 | 6260 | 12.8 |
| 01A | 393255 | 760447 | 02/12/1974 | 1350 | 2.0 | 5.76 | | 1 | XKH2952 | 10595 | 6260 | 12.8 |
| 01A | 393255 | 760447 | 02/12/1974 | 1348 | 4.0 | 5.31 | | 1 | XKH2952 | 10595 | 6260 | 12.8 |
| 01A | 393255 | 760447 | 02/12/1974 | 1346 | 6.0 | 4.92 | 23.7 | 1 | XKH2952 | 10595 | 6260 | 12.8 |
| 01A | 393255 | 760447 | 02/12/1974 | 1344 | 8.0 | 6.34 | | 1 | XKH2952 | 10595 | 6260 | 12.8 |
| 01A | 393255 | 760447 | 02/12/1974 | 1342 | 10.0 | 4.84 | | 1 | XKH2952 | 10595 | 6260 | 12.8 |
| 01A | 393255 | 760447 | 02/12/1974 | 1340 | 11.8 | 5.00 | 24.7 | 1 | XKH2952 | 10595 | 6260 | 12.8 |
| 01A | 393255 | 760447 | 03/21/1974 | 1157 | .0 | 11.30 | | 2 | XKH2952 | 10595 | 6260 | 14.0 |
| 01A | 393255 | 760447 | 03/21/1974 | 1155 | 2.0 | 13.06 | | 2 | XKH2952 | 10595 | 6260 | 14.0 |
| 01A | 393255 | 760447 | 03/21/1974 | 1153 | 4.0 | 13.18 | | 2 | XKH2952 | 10595 | 6260 | 14.0 |
| 01A | 393255 | 760447 | 03/21/1974 | 1151 | 6.0 | 13.32 | 13.1 | 2 | XKH2952 | 10595 | 6260 | 14.0 |
| 01A | 393255 | 760447 | 03/21/1974 | 1149 | 8.0 | 13.20 | | 2 | XKH2952 | 10595 | 6260 | 14.0 |
| 01A | 393255 | 760447 | 03/21/1974 | 1147 | 10.0 | 12.66 | | 2 | XKH2952 | 10595 | 6260 | 14.0 |
| 01A | 393255 | 760447 | 03/21/1974 | 1145 | 13.0 | 14.86 | 14.7 | 2 | XKH2952 | 10595 | 6260 | 14.0 |
| 01A | 393255 | 760447 | 05/03/1974 | 1107 | .0 | 9.58 | | 4 | XKH2952 | 10595 | 6260 | 12.8 |
| 01A | 393255 | 760447 | 05/03/1974 | 1105 | 2.0 | 11.63 | | 4 | XKH2952 | 10595 | 6260 | 12.8 |
| 01A | 393255 | 760447 | 05/03/1974 | 1103 | 4.0 | 12.46 | | 4 | XKH2952 | 10595 | 6260 | 12.8 |
| 01A | 393255 | 760447 | 05/03/1974 | 1101 | 6.0 | 15.03 | | 4 | XKH2952 | 10595 | 6260 | 12.8 |
| 01A | 393255 | 760447 | 05/03/1974 | 1059 | 8.0 | 21.50 | | 4 | XKH2952 | 10595 | 6260 | 12.8 |
| 01A | 393255 | 760447 | 05/03/1974 | 1057 | 10.0 | 43.34 | | 4 | XKH2952 | 10595 | 6260 | 12.8 |
| 01A | 393255 | 760447 | 05/03/1974 | 1055 | 12.0 | 16.73 | | 4 | XKH2952 | 10595 | 6260 | 12.8 |
| 01A | 393255 | 760447 | 05/03/1974 | 1053 | 12.8 | | | 4 | XKH2952 | 10595 | 6260 | 12.8 |
| 01A | 393255 | 760447 | 06/13/1974 | 1242 | .0 | 6.24 | | 9 | XKH2952 | 10595 | 6260 | 13.7 |
| 01A | 393255 | 760447 | 06/13/1974 | 1240 | 2.0 | 7.53 | | 9 | XKH2952 | 10595 | 6260 | 13.7 |
| 01A | 393255 | 760447 | 06/13/1974 | 1238 | 4.0 | 7.36 | | 9 | XKH2952 | 10595 | 6260 | 13.7 |
| 01A | 393255 | 760447 | 06/13/1974 | 1236 | 6.0 | 9.10 | | 9 | XKH2952 | 10595 | 6260 | 13.7 |
| 01A | 393255 | 760447 | 06/13/1974 | 1234 | 8.0 | 9.76 | | 9 | XKH2952 | 10595 | 6260 | 13.7 |
| 01A | 393255 | 760447 | 06/13/1974 | 1232 | 10.0 | 11.16 | | 9 | XKH2952 | 10595 | 6260 | 13.7 |
| 01A | 393255 | 760447 | 06/13/1974 | 1230 | 12.7 | 13.20 | | 9 | XKH2952 | 10595 | 6260 | 13.7 |
| 01A | 393255 | 760447 | 07/31/1974 | 1556 | .0 | 23.89 | | 9 | XKH2952 | 10595 | 6260 | 16.0 |

| STATION C202 | LATITUDE C222 | LONGITUDE C223 | DATE MM DD YY C203 | TIME HRS C204 | SAMPLE DEPT M C210 | T S SED MG-L C219 | S SED P ORGN C220 | VESSEL CODE C221 | DNR STATION C224 | MD GRID CODE E C225 | MD GRID CODE N C226 | STATION DEPT M C227 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 01A | 393255 | 760447 | 07/31/1974 | 1554 | 2.0 | 6.60 | | 9 | XKH2952 | 10595 | 6260 | 16.0 |
| 01A | 393255 | 760447 | 07/31/1974 | 1552 | 4.0 | 8.88 | | 9 | XKH2952 | 10595 | 6260 | 16.0 |
| 01A | 393255 | 760447 | 07/31/1974 | 1550 | 6.0 | 6.90 | | 9 | XKH2952 | 10595 | 6260 | 16.0 |
| 01A | 393255 | 760447 | 07/31/1974 | 1548 | 8.0 | 11.67 | | 9 | XKH2952 | 10595 | 6260 | 16.0 |
| 01A | 393255 | 760447 | 07/31/1974 | 1546 | 10.0 | 13.79 | | 9 | XKH2952 | 10595 | 6260 | 16.0 |
| 01A | 393255 | 760447 | 07/31/1974 | 1544 | 12.0 | 13.52 | | 9 | XKH2952 | 10595 | 6260 | 16.0 |
| 01A | 393255 | 760447 | 07/31/1974 | 1542 | 14.0 | 20.74 | | 9 | XKH2952 | 10595 | 6260 | 16.0 |
| 01A | 393255 | 760447 | 07/31/1974 | 1540 | 15.0 | 29.72 | | 9 | XKH2952 | 10595 | 6260 | 16.0 |
| 01A | 393255 | 760447 | 09/20/1974 | 1002 | .0 | 4.68 | | 9 | XKH2952 | 10595 | 6260 | |
| 01A | 393255 | 760447 | 09/20/1974 | 959 | 2.0 | 5.16 | | 9 | XKH2952 | 10595 | 6260 | |
| 01A | 393255 | 760447 | 09/20/1974 | 957 | 4.0 | 4.92 | | 9 | XKH2952 | 10595 | 6260 | |
| 01A | 393255 | 760447 | 09/20/1974 | 955 | 6.0 | 4.92 | | 9 | XKH2952 | 10595 | 6260 | |
| 01A | 393255 | 760447 | 09/20/1974 | 952 | 8.0 | 5.09 | | 9 | XKH2952 | 10595 | 6260 | |
| 01A | 393255 | 760447 | 09/20/1974 | 949 | 10.0 | 6.03 | | 9 | XKH2952 | 10595 | 6260 | |
| 01A | 393255 | 760447 | 09/20/1974 | 946 | 12.0 | 7.70 | | 9 | XKH2952 | 10595 | 6260 | |
| 01A | 393255 | 760447 | 09/20/1974 | 943 | 14.0 | 10.16 | | 9 | XKH2952 | 10595 | 6260 | |
| 01A | 393255 | 760447 | 09/20/1974 | 940 | 16.0 | 12.29 | | 9 | XKH2952 | 10595 | 6260 | |
| 02A | 392632 | 760303 | 12/14/1973 | 1257 | .0 | | | 2 | XJH6570 | 10681 | 5872 | 4.0 |
| 02A | 392632 | 760303 | 12/14/1973 | 1256 | 2.0 | | | 2 | XJH6570 | 10681 | 5872 | 4.0 |
| 02A | 392632 | 760303 | 12/14/1973 | 1255 | 3.5 | | | 2 | XJH6570 | 10681 | 5872 | 4.0 |
| 02A | 392632 | 760303 | 01/23/1974 | 1602 | .0 | | | | XJH6570 | 10681 | 5872 | 3.3 |
| 02A | 392632 | 760303 | 01/23/1974 | 1600 | 2.3 | | | | XJH6570 | 10681 | 5872 | 3.3 |
| 02A | 392632 | 760303 | 02/12/1974 | 1247 | .0 | | | 1 | XJH6570 | 10681 | 5872 | 3.6 |
| 02A | 392632 | 760303 | 02/12/1974 | 1245 | 2.6 | | | 1 | XJH6570 | 10681 | 5872 | 3.6 |
| 02A | 392632 | 760303 | 03/20/1974 | 1622 | .0 | 16.37 | | 2 | XJH6570 | 10681 | 5872 | 3.0 |
| 02A | 392632 | 760303 | 03/20/1974 | 1620 | 2.0 | 68.34 | | 2 | XJH6570 | 10681 | 5872 | 3.0 |
| 02A | 392632 | 760303 | 05/03/1974 | 754 | .0 | 22.22 | | 4 | XJH6570 | 10681 | 5872 | 3.6 |
| 02A | 392632 | 760303 | 05/03/1974 | 752 | 2.0 | 19.77 | | 4 | XJH6570 | 10681 | 5872 | 3.6 |
| 02A | 392632 | 760303 | 05/03/1974 | 754 | 3.6 | 21.90 | | 4 | XJH6570 | 10681 | 5872 | 3.6 |
| 02A | 392632 | 760303 | 06/13/1974 | 1402 | .0 | 16.16 | | 9 | XJH6570 | 10681 | 5872 | 2.7 |
| 02A | 392632 | 760303 | 06/13/1974 | 1400 | 1.7 | 21.89 | | 9 | XJH6570 | 10681 | 5872 | 2.7 |
| 02A | 392632 | 760303 | 07/31/1974 | 1427 | .0 | | | 9 | XJH6570 | 10681 | 5872 | 3.0 |
| 02A | 392632 | 760303 | 07/31/1974 | 1425 | 2.0 | | | 9 | XJH6570 | 10681 | 5872 | 3.0 |
| 02A | 392632 | 760303 | 09/20/1974 | 807 | .0 | 18.87 | | 9 | XJH6570 | 10681 | 5872 | |
| 02A | 392632 | 760303 | 09/20/1974 | 804 | 2.0 | 25.19 | | 9 | XJH6570 | 10681 | 5872 | |
| 02A | 392632 | 760303 | 09/20/1974 | 801 | 3.0 | 43.88 | | 9 | XJH6570 | 10681 | 5872 | |
| 02B | 392635 | 760200 | 12/14/1973 | 1304 | .0 | | | 2 | XJH6680 | 10732 | 5877 | 5.0 |
| 02B | 392635 | 760200 | 12/14/1973 | 1302 | 2.0 | | | 2 | XJH6680 | 10732 | 5877 | 5.0 |
| 02B | 392635 | 760200 | 12/14/1973 | 1300 | 4.4 | | | 2 | XJH6680 | 10732 | 5877 | 5.0 |
| 02B | 392635 | 760200 | 01/23/1974 | 1549 | .0 | | | | XJH6680 | 10732 | 5877 | 4.2 |
| 02B | 392635 | 760200 | 01/23/1974 | 1547 | 2.0 | | | | XJH6680 | 10732 | 5877 | 4.2 |
| 02B | 392635 | 760200 | 01/23/1974 | 1545 | 3.2 | | | | XJH6680 | 10732 | 5877 | 4.2 |
| 02B | 392635 | 760200 | 03/20/1974 | 1604 | .0 | 12.66 | 16.6 | 2 | XJH6680 | 10732 | 5877 | 4.2 |
| 02B | 392635 | 760200 | 03/20/1974 | 1602 | 2.0 | 16.43 | 14.1 | 2 | XJH6680 | 10732 | 5877 | 4.2 |
| 02B | 392635 | 760200 | 03/20/1974 | 1600 | 3.2 | 17.23 | 13.9 | 2 | XJH6680 | 10732 | 5877 | 4.2 |
| 02B | 392635 | 760200 | 05/03/1974 | 744 | .0 | 17.18 | | 4 | XJH6680 | 10732 | 5877 | 4.4 |
| 02B | 392635 | 760200 | 05/03/1974 | 742 | 2.0 | 17.27 | | 4 | XJH6680 | 10732 | 5877 | 4.4 |
| 02B | 392635 | 760200 | 05/03/1974 | 740 | 4.4 | 17.41 | | 4 | XJH6680 | 10732 | 5877 | 4.4 |
| 02B | 392635 | 760200 | 06/13/1974 | 1414 | .0 | 11.34 | | 9 | XJH6680 | 10732 | 5877 | 4.4 |
| 02B | 392635 | 760200 | 06/13/1974 | 1412 | 2.0 | 16.64 | | 9 | XJH6680 | 10732 | 5877 | 4.4 |

| STAT ION C202 | LATI TUDE C222 | LONGI TUDE C223 | DATE MM DD YY C203 | TIME HRS C204 | SAMPLE DEPT M C210 | T S SED MG-L C219 | S SED P ORGN C220 | VESSEL CODE C221 | DNR STATION C224 | MD GRID CODE E C225 | MD GRID CODE N C226 | STATION DEPT M C227 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 02B | 392635 | 760200 | 06/13/1974 | 1410 | 3.4 | 19.67 | | 9 | XJH6680 | 10732 | 5877 | 4.4 |
| 02B | 392635 | 760200 | 07/31/1974 | 1414 | .0 | 12.66 | | 9 | XJH6680 | 10732 | 5877 | 4.5 |
| 02B | 392635 | 760200 | 07/31/1974 | 1412 | 2.0 | 23.44 | | 9 | XJH6680 | 10732 | 5877 | 4.5 |
| 02B | 392635 | 760200 | 07/31/1974 | 1410 | 3.5 | 30.56 | | 9 | XJH6680 | 10732 | 5877 | 4.5 |
| 02B | 392635 | 760200 | 09/20/1974 | 859 | .0 | 14.08 | | 9 | XJH6680 | 10732 | 5877 | |
| 02B | 392635 | 760200 | 09/20/1974 | 757 | 2.0 | 16.36 | | 9 | XJH6680 | 10732 | 5877 | |
| 02B | 392635 | 760200 | 09/20/1974 | 755 | 4.0 | 26.47 | | 9 | XJH6680 | 10732 | 5877 | |
| 02C | 392636 | 755949 | 12/14/1973 | 1320 | .0 | | | 2 | XJI6702 | 10833 | 5881 | 10.5 |
| 02C | 392636 | 755949 | 12/14/1973 | 1318 | 2.0 | | | 2 | XJI6702 | 10833 | 5881 | 10.5 |
| 02C | 392636 | 755949 | 12/14/1973 | 1316 | 4.0 | | | 2 | XJI6702 | 10833 | 5881 | 10.5 |
| 02C | 392636 | 755949 | 12/14/1973 | 1314 | 6.0 | | | 2 | XJI6702 | 10833 | 5881 | 10.5 |
| 02C | 392636 | 755949 | 12/14/1973 | 1312 | 8.0 | | | 2 | XJI6702 | 10833 | 5881 | 10.5 |
| 02C | 392636 | 755949 | 12/14/1973 | 1310 | 10.0 | | | 2 | XJI6702 | 10833 | 5881 | 10.5 |
| 02C | 392636 | 755949 | 01/23/1974 | 1535 | .0 | | | | XJI6702 | 10833 | 5881 | 10.0 |
| 02C | 392636 | 755949 | 01/23/1974 | 1533 | 2.0 | | | | XJI6702 | 10833 | 5881 | 10.0 |
| 02C | 392636 | 755949 | 01/23/1974 | 1531 | 4.0 | | | | XJI6702 | 10833 | 5881 | 10.0 |
| 02C | 392636 | 755949 | 01/23/1974 | 1529 | 6.0 | | | | XJI6702 | 10833 | 5881 | 10.0 |
| 02C | 392636 | 755949 | 01/23/1974 | 1527 | 8.0 | | | | XJI6702 | 10833 | 5881 | 10.0 |
| 02C | 392636 | 755949 | 01/23/1974 | 1525 | 9.0 | | | | XJI6702 | 10833 | 5881 | 10.0 |
| 02C | 392636 | 755949 | 02/14/1974 | 1220 | .0 | | | 1 | XJI6702 | 10833 | 5881 | 11.0 |
| 02C | 392636 | 755949 | 02/14/1974 | 1218 | 2.0 | | | 1 | XJI6702 | 10833 | 5881 | 11.0 |
| 02C | 392636 | 755949 | 02/14/1974 | 1216 | 4.0 | | | 1 | XJI6702 | 10833 | 5881 | 11.0 |
| 02C | 392636 | 755949 | 02/14/1974 | 1214 | 6.0 | | | 1 | XJI6702 | 10833 | 5881 | 11.0 |
| 02C | 392636 | 755949 | 02/14/1974 | 1212 | 8.0 | | | 1 | XJI6702 | 10833 | 5881 | 11.0 |
| 02C | 392636 | 755949 | 02/14/1974 | 1210 | 10.0 | | | 1 | XJI6702 | 10833 | 5881 | 11.0 |
| 02C | 392636 | 755949 | 03/20/1974 | 1538 | .0 | 35.46 | | 2 | XJI6702 | 10833 | 5881 | 10.3 |
| 02C | 392636 | 755949 | 03/20/1974 | 1536 | 2.0 | 47.54 | | 2 | XJI6702 | 10833 | 5881 | 10.3 |
| 02C | 392636 | 755949 | 03/20/1974 | 1534 | 4.0 | 48.74 | | 2 | XJI6702 | 10833 | 5881 | 10.3 |
| 02C | 392636 | 755949 | 03/20/1974 | 1532 | 6.0 | 46.08 | | 2 | XJI6702 | 10833 | 5881 | 10.3 |
| 02C | 392636 | 755949 | 03/20/1974 | 1530 | 9.0 | 50.43 | | 2 | XJI6702 | 10833 | 5881 | 10.3 |
| 02C | 392636 | 755949 | 05/03/1974 | 722 | .0 | 32.52 | | 4 | XJI6702 | 10833 | 5881 | 12.0 |
| 02C | 392636 | 755949 | 05/03/1974 | 720 | 2.0 | 33.96 | | 4 | XJI6702 | 10833 | 5881 | 12.0 |
| 02C | 392636 | 755949 | 05/03/1974 | 718 | 4.0 | 43.62 | | 4 | XJI6702 | 10833 | 5881 | 12.0 |
| 02C | 392636 | 755949 | 05/03/1974 | 716 | 6.0 | 40.87 | | 4 | XJI6702 | 10833 | 5881 | 12.0 |
| 02C | 392636 | 755949 | 05/03/1974 | 714 | 8.0 | 41.72 | | 4 | XJI6702 | 10833 | 5881 | 12.0 |
| 02C | 392636 | 755949 | 05/03/1974 | 712 | 10.0 | 53.37 | | 4 | XJI6702 | 10833 | 5881 | 12.0 |
| 02C | 392636 | 755949 | 05/03/1974 | 710 | 11.3 | | | 4 | XJI6702 | 10833 | 5881 | 12.0 |
| 02C | 392636 | 755949 | 06/13/1974 | 1430 | .0 | 12.70 | | 9 | XJI6702 | 10833 | 5881 | 11.4 |
| 02C | 392636 | 755949 | 06/13/1974 | 1428 | 2.0 | 21.09 | | 9 | XJI6702 | 10833 | 5881 | 11.4 |
| 02C | 392636 | 755949 | 06/13/1974 | 1426 | 4.0 | 34.20 | | 9 | XJI6702 | 10833 | 5881 | 11.4 |
| 02C | 392636 | 755949 | 06/13/1974 | 1424 | 6.0 | 41.82 | | 9 | XJI6702 | 10833 | 5881 | 11.4 |
| 02C | 392636 | 755949 | 06/13/1974 | 1422 | 8.0 | 55.64 | | 9 | XJI6702 | 10833 | 5881 | 11.4 |
| 02C | 392636 | 755949 | 06/13/1974 | 1420 | 10.4 | 74.20 | | 9 | XJI6702 | 10833 | 5881 | 11.4 |
| 02C | 392636 | 755949 | 07/31/1974 | 1400 | .0 | 21.44 | | 9 | XJI6702 | 10833 | 5881 | 11.0 |
| 02C | 392636 | 755949 | 07/31/1974 | 1358 | 2.0 | 35.22 | | 9 | XJI6702 | 10833 | 5881 | 11.0 |
| 02C | 392636 | 755949 | 07/31/1974 | 1356 | 4.0 | 35.44 | | 9 | XJI6702 | 10833 | 5881 | 11.0 |
| 02C | 392636 | 755949 | 07/31/1974 | 1354 | 6.0 | 36.61 | | 9 | XJI6702 | 10833 | 5881 | 11.0 |
| 02C | 392636 | 755949 | 07/31/1974 | 1352 | 8.0 | 48.86 | | 9 | XJI6702 | 10833 | 5881 | 11.0 |
| 02C | 392636 | 755949 | 07/31/1974 | 1350 | 10.0 | 57.52 | | 9 | XJI6702 | 10833 | 5881 | 11.0 |
| 02C | 392636 | 755949 | 09/20/1974 | 745 | .0 | 27.23 | | 9 | XJI6702 | 10833 | 5881 | |

| STAT ION C202 | LATI TUDE C222 | LONGI TUDE C223 | DATE MM DD YY C203 | TIME HRS C204 | SAMPLE DEPT M C210 | T S SED MG-L C219 | S SED P ORGN C220 | VESSEL CODE C221 | DNR STATION C224 | MD GRID CODE E C225 | MD GRID CODE N C226 | STATION DEPT M C227 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 02C | 392636 | 755949 | 09/20/1974 | 743 | 2.0 | 30.19 | | 9 | XJI6702 | 10833 | 5881 | |
| 02C | 392636 | 755949 | 09/20/1974 | 741 | 4.0 | 31.14 | | 9 | XJI6702 | 10833 | 5881 | |
| 02C | 392636 | 755949 | 09/20/1974 | 739 | 6.0 | 39.39 | | 9 | XJI6702 | 10833 | 5881 | |
| 02C | 392636 | 755949 | 09/20/1974 | 737 | 8.0 | 35.44 | | 9 | XJI6702 | 10833 | 5881 | |
| 02C | 392636 | 755949 | 09/20/1974 | 735 | 10.0 | 24.73 | | 9 | XJI6702 | 10833 | 5881 | |
| 03A | 392410 | 760607 | 12/14/1973 | 1239 | .0 | | | 2 | XJH4239 | 10537 | 5728 | 4.0 |
| 03A | 392410 | 760607 | 12/14/1973 | 1237 | 2.0 | | | 2 | XJH4239 | 10537 | 5728 | 4.0 |
| 03A | 392410 | 760607 | 12/14/1973 | 1235 | 3.5 | | | 2 | XJH4239 | 10537 | 5728 | 4.0 |
| 03A | 392410 | 760607 | 01/23/1974 | 1422 | .0 | | | | XJH4239 | 10537 | 5728 | 3.3 |
| 03A | 392410 | 760607 | 01/23/1974 | 1420 | 2.3 | | | | XJH4239 | 10537 | 5728 | 3.3 |
| 03A | 392410 | 760607 | 02/12/1974 | 1132 | .0 | | | 1 | XJH4239 | 10537 | 5728 | 3.3 |
| 03A | 392410 | 760607 | 02/12/1974 | 1130 | 2.3 | | | 1 | XJH4239 | 10537 | 5728 | 3.3 |
| 03A | 392410 | 760607 | 03/20/1974 | 1452 | .0 | 19.43 | | 2 | XJH4239 | 10537 | 5728 | 3.3 |
| 03A | 392410 | 760607 | 03/20/1974 | 1450 | 2.0 | 24.46 | | 2 | XJH4239 | 10537 | 5728 | 3.3 |
| 03A | 392410 | 760607 | 05/02/1974 | 1439 | .0 | 48.81 | | 4 | XJH4239 | 10537 | 5728 | 2.7 |
| 03A | 392410 | 760607 | 05/02/1974 | 1437 | 2.0 | 37.62 | | 4 | XJH4239 | 10537 | 5728 | 2.7 |
| 03A | 392410 | 760607 | 05/02/1974 | 1435 | 2.7 | | | 4 | XJH4239 | 10537 | 5728 | 2.7 |
| 03A | 392410 | 760607 | 06/13/1974 | 1534 | .0 | 20.39 | | 9 | XJH4239 | 10537 | 5728 | 4.5 |
| 03A | 392410 | 760607 | 06/13/1974 | 1532 | 2.0 | 20.39 | | 9 | XJH4239 | 10537 | 5728 | 4.5 |
| 03A | 392410 | 760607 | 06/13/1974 | 1530 | 3.5 | 20.39 | | 9 | XJH4239 | 10537 | 5728 | 4.5 |
| 03A | 392410 | 760607 | 07/31/1974 | 1309 | .0 | 13.86 | | 9 | XJH4239 | 10537 | 5728 | 4.5 |
| 03A | 392410 | 760607 | 07/31/1974 | 1307 | 2.0 | 24.74 | | 9 | XJH4239 | 10537 | 5728 | 4.5 |
| 03A | 392410 | 760607 | 07/31/1974 | 1305 | 3.5 | 47.37 | | 9 | XJH4239 | 10537 | 5728 | 4.5 |
| 03A | 392410 | 760607 | 09/19/1974 | 1214 | .0 | 22.03 | | 9 | XJH4299 | 10537 | 5728 | |
| 03A | 392410 | 760607 | 09/19/1974 | 1212 | 2.0 | 28.30 | | 9 | XJH4299 | 10537 | 5728 | |
| 03A | 392410 | 760607 | 09/19/1974 | 1210 | 3.5 | 30.60 | | 9 | XJH4299 | 10537 | 5728 | |
| 03A | 392410 | 760607 | 11/27/1974 | 747 | .0 | 41.39 | | 9 | XJH4299 | 10537 | 5728 | 2.6 |
| 03A | 392410 | 760607 | 11/27/1974 | 745 | 2.6 | 52.12 | | 9 | XJH4299 | 10537 | 5728 | 2.6 |
| 03B | 392302 | 760530 | 12/14/1973 | 1232 | .0 | | | 2 | XJH3045 | 10569 | 5660 | 11.5 |
| 03B | 392302 | 760530 | 12/14/1973 | 1230 | 2.0 | | | 2 | XJH3045 | 10569 | 5660 | 11.5 |
| 03B | 392302 | 760530 | 12/14/1973 | 1228 | 4.0 | | | 2 | XJH3045 | 10569 | 5660 | 11.5 |
| 03B | 392302 | 760530 | 12/14/1973 | 1226 | 6.0 | | | 2 | XJH3045 | 10569 | 5660 | 11.5 |
| 03B | 392302 | 760530 | 12/14/1973 | 1224 | 8.0 | | | 2 | XJH3045 | 10569 | 5660 | 11.5 |
| 03B | 392302 | 760530 | 12/14/1973 | 1222 | 10.0 | | | 2 | XJH3045 | 10569 | 5660 | 11.5 |
| 03B | 392302 | 760530 | 12/14/1973 | 1220 | 11.0 | | | 2 | XJH3045 | 10569 | 5660 | 11.5 |
| 03B | 392302 | 760530 | 01/23/1974 | 1445 | .0 | | | | XJH3045 | 10569 | 5660 | 10.3 |
| 03B | 392302 | 760530 | 01/23/1974 | 1443 | 2.0 | | | | XJH3045 | 10569 | 5660 | 10.3 |
| 03B | 392302 | 760530 | 01/23/1974 | 1441 | 4.0 | | | | XJH3045 | 10569 | 5660 | 10.3 |
| 03B | 392302 | 760530 | 01/23/1974 | 1439 | 6.0 | | | | XJH3045 | 10569 | 5660 | 10.3 |
| 03B | 392302 | 760530 | 01/23/1974 | 1437 | 8.0 | | | | XJH3045 | 10569 | 5660 | 10.3 |
| 03B | 392302 | 760530 | 01/23/1974 | 1435 | 9.3 | | | | XJH3045 | 10569 | 5660 | 10.3 |
| 03B | 392302 | 760530 | 02/12/1974 | 1110 | .0 | | | 1 | XJH3045 | 10569 | 5660 | 11.5 |
| 03B | 392302 | 760530 | 02/12/1974 | 1108 | 2.0 | | | 1 | XJH3045 | 10569 | 5660 | 11.5 |
| 03B | 392302 | 760530 | 02/12/1974 | 1106 | 4.0 | | | 1 | XJH3045 | 10569 | 5660 | 11.5 |
| 03B | 392302 | 760530 | 02/12/1974 | 1104 | 6.0 | | | 1 | XJH3045 | 10569 | 5660 | 11.5 |
| 03B | 392302 | 760530 | 02/12/1974 | 1102 | 8.0 | | | 1 | XJH3045 | 10569 | 5660 | 11.5 |
| 03B | 392302 | 760530 | 02/12/1974 | 1100 | 10.5 | | | 1 | XJH3045 | 10569 | 5660 | 11.5 |
| 03B | 392302 | 760530 | 03/20/1974 | 1439 | .0 | 19.37 | 14.3 | 2 | XJH3045 | 10569 | 5660 | 10.5 |
| 03B | 392302 | 760530 | 03/20/1974 | 1437 | 2.0 | 26.28 | | 2 | XJH3045 | 10569 | 5660 | 10.5 |
| 03B | 392302 | 760530 | 03/20/1974 | 1435 | 4.0 | 28.17 | | 2 | XJH3045 | 10569 | 5660 | 10.5 |

| STAT ION C202 | LATI TUDE C222 | LONGI TUDE C223 | DATE MM DD YY C203 | TIME HRS C204 | SAMPLE DEPT M C210 | T S SED MG-L C219 | S SED P ORGN C220 | VESSEL CODE C221 | DNR STATION C224 | MD GRID CODE E C225 | MD GRID CODE N C226 | STATION DEPT M C227 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 03B | 392302 | 760530 | 03/20/1974 | 1433 | 6.0 | 32.23 | 10.0 | 2 | XJH3045 | 10569 | 5660 | 10.5 |
| 03B | 392302 | 760530 | 03/20/1974 | 1431 | 8.0 | 33.88 | | 2 | XJH3045 | 10569 | 5660 | 10.5 |
| 03B | 392302 | 760530 | 03/20/1974 | 1429 | 9.5 | 37.40 | 12.2 | 2 | XJH3045 | 10569 | 5660 | 10.5 |
| 03B | 392302 | 760530 | 05/02/1974 | 1417 | .0 | 28.73 | | 4 | XJH3045 | 10569 | 5660 | 10.8 |
| 03B | 392302 | 760530 | 05/02/1974 | 1415 | 2.0 | 27.83 | | 4 | XJH3045 | 10569 | 5660 | 10.8 |
| 03B | 392302 | 760530 | 05/02/1974 | 1413 | 4.0 | 27.34 | | 4 | XJH3045 | 10569 | 5660 | 10.8 |
| 03B | 392302 | 760530 | 05/02/1974 | 1411 | 6.0 | 28.00 | | 4 | XJH3045 | 10569 | 5660 | 10.8 |
| 03B | 392302 | 760530 | 05/02/1974 | 1409 | 8.0 | 24.27 | | 4 | XJH3045 | 10569 | 5660 | 10.8 |
| 03B | 392302 | 760530 | 05/02/1974 | 1407 | 10.0 | | | 4 | XJH3045 | 10569 | 5660 | 10.8 |
| 03B | 392302 | 760530 | 05/02/1974 | 1405 | 10.8 | | | 4 | XJH3045 | 10569 | 5660 | 10.8 |
| 03B | 392302 | 760530 | 06/13/1974 | 1515 | .0 | 12.63 | | 9 | XJH3045 | 10569 | 5660 | 11.6 |
| 03B | 392302 | 760530 | 06/13/1974 | 1513 | 2.0 | 15.20 | | 9 | XJH3045 | 10569 | 5660 | 11.6 |
| 03B | 392302 | 760530 | 06/13/1974 | 1511 | 4.0 | 18.20 | | 9 | XJH3045 | 10569 | 5660 | 11.6 |
| 03B | 392302 | 760530 | 06/13/1974 | 1509 | 6.0 | 23.82 | | 9 | XJH3045 | 10569 | 5660 | 11.6 |
| 03B | 392302 | 760530 | 06/13/1974 | 1507 | 8.0 | 25.52 | | 9 | XJH3045 | 10569 | 5660 | 11.6 |
| 03B | 392302 | 760530 | 06/13/1974 | 1505 | 10.6 | 29.52 | | 9 | XJH3045 | 10569 | 5660 | 11.6 |
| 03B | 392302 | 760530 | 07/31/1974 | 1255 | .0 | 13.19 | | 9 | XJH3045 | 10569 | 5660 | 11.2 |
| 03B | 392302 | 760530 | 07/31/1974 | 1253 | 2.0 | 17.74 | | 9 | XJH3045 | 10569 | 5660 | 11.2 |
| 03B | 392302 | 760530 | 07/31/1974 | 1251 | 4.0 | 20.28 | | 9 | XJH3045 | 10569 | 5660 | 11.2 |
| 03B | 392302 | 760530 | 07/31/1974 | 1249 | 6.0 | 20.58 | | 9 | XJH3045 | 10569 | 5660 | 11.2 |
| 03B | 392302 | 760530 | 07/31/1974 | 1247 | 8.0 | 25.94 | | 9 | XJH3045 | 10569 | 5660 | 11.2 |
| 03B | 392302 | 760530 | 07/31/1974 | 1245 | 10.2 | 35.04 | | 9 | XJH3045 | 10569 | 5660 | 11.2 |
| 03B | 392302 | 760530 | 09/19/1974 | 1230 | .0 | 14.50 | | 9 | XJH3045 | 10569 | 5660 | |
| 03B | 392302 | 760530 | 09/19/1974 | 1228 | 2.0 | 19.14 | | 9 | XJH3045 | 10569 | 5660 | |
| 03B | 392302 | 760530 | 09/19/1974 | 1226 | 4.0 | 21.58 | | 9 | XJH3045 | 10569 | 5660 | |
| 03B | 392302 | 760530 | 09/19/1974 | 1224 | 6.0 | 22.21 | | 9 | XJH3045 | 10569 | 5660 | |
| 03B | 392302 | 760530 | 09/19/1974 | 1222 | 8.0 | 24.19 | | 9 | XJH3045 | 10569 | 5660 | |
| 03B | 392302 | 760530 | 09/19/1974 | 1220 | 10.0 | 25.09 | | 9 | XJH3045 | 10569 | 5660 | |
| 03B | 392302 | 760530 | 11/27/1974 | 730 | .0 | 12.33 | | 9 | XJH3045 | 10569 | 5660 | 10.7 |
| 03B | 392302 | 760530 | 11/27/1974 | 728 | 2.0 | 12.86 | | 9 | XJH3045 | 10569 | 5660 | 10.7 |
| 03B | 392302 | 760530 | 11/27/1974 | 726 | 4.0 | 15.78 | | 9 | XJH3045 | 10569 | 5660 | 10.7 |
| 03B | 392302 | 760530 | 11/27/1974 | 724 | 6.0 | 21.22 | | 9 | XJH3045 | 10569 | 5660 | 10.7 |
| 03B | 392302 | 760530 | 11/27/1974 | 722 | 8.0 | 22.79 | | 9 | XJH3045 | 10569 | 5660 | 10.7 |
| 03B | 392302 | 760530 | 11/27/1974 | 720 | 10.5 | 26.47 | | 9 | XJH3045 | 10569 | 5660 | 10.7 |
| 03C | 392234 | 760513 | 12/14/1973 | 1218 | .0 | | | 2 | XJH2648 | 10581 | 5632 | 6.0 |
| 03C | 392234 | 760513 | 12/14/1973 | 1217 | 2.0 | | | 2 | XJH2648 | 10581 | 5632 | 6.0 |
| 03C | 392234 | 760513 | 12/14/1973 | 1216 | 4.0 | | | 2 | XJH2648 | 10581 | 5632 | 6.0 |
| 03C | 392234 | 760513 | 12/14/1973 | 1215 | 5.3 | | | 2 | XJH2648 | 10581 | 5632 | 6.0 |
| 03C | 392234 | 760513 | 01/23/1974 | 1361 | .0 | | | | XJH2648 | 10581 | 5632 | 6.0 |
| 03C | 392234 | 760513 | 01/23/1974 | 1359 | 2.0 | | | | XJH2648 | 10581 | 5632 | 6.0 |
| 03C | 392234 | 760513 | 01/23/1974 | 1357 | 4.0 | | | | XJH2648 | 10581 | 5632 | 6.0 |
| 03C | 392234 | 760513 | 01/23/1974 | 1355 | 5.0 | | | | XJH2648 | 10581 | 5632 | 6.0 |
| 03C | 392234 | 760513 | 02/12/1974 | 1051 | .0 | | | 1 | XJH2648 | 10581 | 5632 | 6.6 |
| 03C | 392234 | 760513 | 02/12/1974 | 1049 | 2.0 | | | 1 | XJH2648 | 10581 | 5632 | 6.6 |
| 03C | 392234 | 760513 | 02/12/1974 | 1047 | 4.0 | | | 1 | XJH2648 | 10581 | 5632 | 6.6 |
| 03C | 392234 | 760513 | 02/12/1974 | 1045 | 5.6 | | | 1 | XJH2648 | 10581 | 5632 | 6.6 |
| 03C | 392234 | 760513 | 03/20/1974 | 1421 | .0 | 24.11 | | 2 | XJH2648 | 10581 | 5632 | 6.0 |
| 03C | 392234 | 760513 | 03/20/1974 | 1419 | 2.0 | 24.60 | | 2 | XJH2648 | 10581 | 5632 | 6.0 |
| 03C | 392234 | 760513 | 03/20/1974 | 1417 | 4.0 | 26.97 | | 2 | XJH2648 | 10581 | 5632 | 6.0 |
| 03C | 392234 | 760513 | 03/20/1974 | 1415 | 5.0 | 27.51 | | 2 | XJH2648 | 10581 | 5632 | 6.0 |

| STAT ION C202 | LATI TUDE C222 | LONGI TUDE C223 | DATE MM DD YY C203 | TIME HRS C204 | SAMPLE DEPT M C210 | T S SED MG-L C219 | S SED P ORGN C220 | VESSEL CODE C221 | DNR STATION C224 | MD GRID CODE E C225 | MD GRID CODE N C226 | STATION DEPT M C227 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 03C | 392234 | 760513 | 05/02/1974 | 1341 | .0 | 32.77 | | 4 | XJH2648 | 10581 | 5632 | 5.0 |
| 03C | 392234 | 760513 | 05/02/1974 | 1339 | 2.0 | 31.83 | | 4 | XJH2648 | 10581 | 5632 | 5.0 |
| 03C | 392234 | 760513 | 05/02/1974 | 1337 | 4.0 | 32.90 | | 4 | XJH2648 | 10581 | 5632 | 5.0 |
| 03C | 392234 | 760513 | 05/02/1974 | 1335 | 5.0 | | | 4 | XJH2648 | 10581 | 5632 | 5.0 |
| 03C | 392234 | 760513 | 06/13/1974 | 1504 | .0 | 16.49 | | 9 | XJH2648 | 10581 | 5632 | 4.3 |
| 03C | 392234 | 760513 | 06/13/1974 | 1502 | 2.0 | 22.00 | | 9 | XJH2648 | 10581 | 5632 | 4.3 |
| 03C | 392234 | 760513 | 06/13/1974 | 1500 | 3.3 | 34.06 | | 9 | XJH2648 | 10581 | 5632 | 4.3 |
| 03C | 392234 | 760513 | 07/31/1974 | 1241 | .0 | 11.41 | | 9 | XJH2648 | 10581 | 5632 | 7.0 |
| 03C | 392234 | 760513 | 07/31/1974 | 1239 | 2.0 | 16.05 | | 9 | XJH2648 | 10581 | 5632 | 7.0 |
| 03C | 392234 | 760513 | 07/31/1974 | 1237 | 4.0 | 36.02 | | 9 | XJH2648 | 10581 | 5632 | 7.0 |
| 03C | 392234 | 760513 | 07/31/1974 | 1235 | 6.0 | 57.40 | | 9 | XJH2648 | 10581 | 5632 | 7.0 |
| 03C | 392234 | 760513 | 09/19/1974 | 1241 | .0 | 13.17 | | 9 | XJH2648 | 10581 | 5632 | |
| 03C | 392234 | 760513 | 09/19/1974 | 1239 | 2.0 | 17.92 | | 9 | XJH2648 | 10581 | 5632 | |
| 03C | 392234 | 760513 | 09/19/1974 | 1237 | 4.0 | 19.12 | | 9 | XJH2648 | 10581 | 5632 | |
| 03C | 392234 | 760513 | 09/19/1974 | 1235 | 6.0 | 29.39 | | 9 | XJH2648 | 10581 | 5632 | |
| 03C | 392234 | 760513 | 11/27/1974 | 711 | .0 | 18.41 | | 9 | XJH2648 | 10581 | 5632 | 5.6 |
| 03C | 392334 | 760513 | 11/27/1974 | 709 | 2.0 | 19.50 | | 9 | XJH2648 | 10581 | 5632 | 5.6 |
| 03C | 392334 | 760513 | 11/27/1974 | 707 | 4.0 | 44.74 | | 9 | XJH2648 | 10581 | 5632 | 5.6 |
| 03C | 392334 | 760513 | 11/27/1974 | 705 | 5.4 | 47.49 | | 9 | XJH2648 | 10581 | 5632 | 5.6 |
| 04A | 92120 | 761058 | 12/14/1973 | 1141 | .0 | | | 2 | XJG1390 | 10312 | 5555 | 7.4 |
| 04A | 92120 | 761058 | 12/14/1973 | 1139 | 2.0 | | | 2 | XJG1390 | 10312 | 5555 | 7.4 |
| 04A | 92120 | 761058 | 12/14/1973 | 1138 | 4.0 | | | 2 | XJG1390 | 10312 | 5555 | 7.4 |
| 04A | 92120 | 761058 | 12/14/1973 | 1137 | 6.0 | | | 2 | XJG1390 | 10312 | 5555 | 7.4 |
| 04A | 92120 | 761058 | 12/14/1973 | 1135 | 7.4 | | | 2 | XJG1390 | 10312 | 5555 | 7.4 |
| 04A | 392120 | 761058 | 01/23/1974 | 1316 | .0 | | | | XJG1390 | 10312 | 5555 | 7.6 |
| 04A | 392120 | 761058 | 01/23/1974 | 1314 | 2.0 | | | | XJG1390 | 10312 | 5555 | 7.6 |
| 04A | 392120 | 761058 | 01/23/1974 | 1312 | 4.0 | | | | XJG1390 | 10312 | 5555 | 7.6 |
| 04A | 392120 | 761058 | 01/23/1974 | 1310 | 6.6 | | | | XJG1390 | 10312 | 5555 | 7.6 |
| 04A | 392120 | 761058 | 02/12/1974 | 926 | .0 | | | 1 | XJG1390 | 10312 | 5555 | 7.4 |
| 04A | 392120 | 761058 | 02/12/1974 | 924 | 2.0 | | | 1 | XJG1390 | 10312 | 5555 | 7.4 |
| 04A | 392120 | 761058 | 02/12/1974 | 922 | 4.0 | | | 1 | XJG1390 | 10312 | 5555 | 7.4 |
| 04A | 392120 | 761058 | 02/12/1974 | 920 | 6.4 | | | 1 | XJG1390 | 10312 | 5555 | 7.4 |
| 04A | 392120 | 761058 | 03/20/1974 | 1246 | .0 | 43.06 | | 2 | XJG1390 | 10312 | 5555 | 7.5 |
| 04A | 392120 | 761058 | 03/20/1974 | 1244 | 2.0 | 46.11 | | 2 | XJG1390 | 10312 | 5555 | 7.5 |
| 04A | 392120 | 761058 | 03/20/1974 | 1242 | 4.0 | 52.00 | | 2 | XJG1390 | 10312 | 5555 | 7.5 |
| 04A | 392120 | 761058 | 03/20/1974 | 1240 | 6.5 | 56.37 | | 2 | XJG1390 | 10312 | 5555 | 7.5 |
| 04A | 392120 | 761058 | 05/02/1974 | 1308 | .0 | 53.03 | | 4 | XJG1390 | 10312 | 5555 | 6.9 |
| 04A | 392120 | 761058 | 05/02/1974 | 1306 | 2.0 | 33.45 | | 4 | XJG1390 | 10312 | 5555 | 6.9 |
| 04A | 392120 | 761058 | 05/02/1974 | 1304 | 4.0 | 42.98 | | 4 | XJG1390 | 10312 | 5555 | 6.9 |
| 04A | 392120 | 761058 | 05/02/1974 | 1302 | 6.0 | 61.73 | | 4 | XJG1390 | 10312 | 5555 | 6.9 |
| 04A | 392120 | 761058 | 05/02/1974 | 1300 | 6.9 | | | 4 | XJG1390 | 10312 | 5555 | 6.9 |
| 04A | 392120 | 761058 | 06/13/1974 | 1606 | .0 | 12.65 | | 9 | XJG1390 | 10312 | 5555 | 7.3 |
| 04A | 392120 | 761058 | 06/13/1974 | 1604 | 2.0 | 15.48 | | 9 | XJG1390 | 10312 | 5555 | 7.3 |
| 04A | 392120 | 761058 | 06/13/1974 | 1602 | 4.0 | 13.44 | | 9 | XJG1390 | 10312 | 5555 | 7.3 |
| 04A | 392120 | 761058 | 06/13/1974 | 1600 | 6.3 | 22.63 | | 9 | XJG1390 | 10312 | 5555 | 7.3 |
| 04A | 392120 | 761058 | 07/31/1974 | 1201 | .0 | 21.13 | | 9 | XJG1390 | 10312 | 5555 | 6.4 |
| 04A | 392120 | 761058 | 07/31/1974 | 1159 | 2.0 | 26.96 | | 9 | XJG1390 | 10312 | 5555 | 6.4 |
| 04A | 392120 | 761058 | 07/31/1974 | 1157 | 4.0 | 51.23 | | 9 | XJG1390 | 10312 | 5555 | 6.4 |
| 04A | 392120 | 761058 | 07/31/1974 | 1155 | 5.4 | 77.03 | | 9 | XJG1390 | 10312 | 5555 | 6.4 |
| 04A | 392120 | 761058 | 09/19/1974 | 1113 | .0 | 24.61 | | 9 | XJG1390 | 10312 | 5555 | |

| STAT ION C202 | LATI TUDE C222 | LONGI TUDE C223 | DATE MM DD YY C203 | TIME HRS C204 | SAMPLE DEPT M C210 | T S SED MG-L C219 | S SED P ORGN C220 | VESSEL CODE C221 | DNR STATION C224 | MD GRID CODE E C225 | MD GRID CODE N C226 | STATION DEPT M C227 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 04A | 392120 | 761058 | 09/19/1974 | 1111 | 2.0 | 31.51 | | 9 | XJG1390 | 10312 | 5555 | |
| 04A | 392120 | 761058 | 09/19/1974 | 1104 | 4.0 | 45.91 | | 9 | XJG1390 | 10312 | 5555 | |
| 04A | 392120 | 761058 | 09/19/1974 | 1107 | 6.0 | 55.55 | | 9 | XJG1390 | 10312 | 5555 | |
| 04A | 392120 | 761058 | 09/19/1974 | 1105 | 8.0 | 79.92 | | 9 | XJG1390 | 10312 | 5555 | |
| 04A | 392120 | 761058 | 11/27/1974 | 839 | .0 | 22.16 | | 9 | XJG1390 | 10312 | 5555 | 7.3 |
| 04A | 392120 | 761058 | 11/27/1974 | 837 | 2.0 | 33.85 | | 9 | XJG1390 | 10312 | 5555 | 7.3 |
| 04A | 392120 | 761058 | 11/27/1974 | 835 | 4.0 | 44.53 | | 9 | XJG1390 | 10312 | 5555 | 7.3 |
| 04A | 392120 | 761058 | 11/27/1974 | 832 | 6.0 | 209.84 | | 9 | XJG1390 | 10312 | 5555 | 7.3 |
| 04A | 392120 | 761058 | 11/27/1974 | 830 | 7.0 | 65.67 | | 9 | XJG1390 | 10312 | 5555 | 7.3 |
| 04B | 92052 | 761022 | 12/14/1973 | 1152 | .0 | | | 2 | XJG0996 | 10340 | 5525 | 12.0 |
| 04B | 92052 | 761022 | 12/14/1973 | 1150 | 2.0 | | | 2 | XJG0996 | 10340 | 5525 | 12.0 |
| 04B | 92052 | 761022 | 12/14/1973 | 1148 | 4.0 | | | 2 | XJG0996 | 10340 | 5525 | 12.0 |
| 04B | 92052 | 761022 | 12/14/1973 | 1146 | 6.0 | | | 2 | XJG0996 | 10340 | 5525 | 12.0 |
| 04B | 92052 | 761022 | 12/14/1973 | 1144 | 8.0 | | | 2 | XJG0996 | 10340 | 5525 | 12.0 |
| 04B | 92052 | 761022 | 12/14/1973 | 1142 | 10.0 | | | 2 | XJG0996 | 10340 | 5525 | 12.0 |
| 04B | 92052 | 761022 | 12/14/1973 | 1140 | 11.3 | | | 2 | XJG0996 | 10340 | 5525 | 12.0 |
| 04B | 392052 | 761022 | 01/23/1974 | 1260 | .0 | | | | XJG0996 | 10340 | 5525 | 11.0 |
| 04B | 392052 | 761022 | 01/23/1974 | 1258 | 2.0 | | | | XJG0996 | 10340 | 5525 | 11.0 |
| 04B | 392052 | 761022 | 01/23/1974 | 1256 | 4.0 | | | | XJG0996 | 10340 | 5525 | 11.0 |
| 04B | 392052 | 761022 | 01/23/1974 | 1254 | 6.0 | | | | XJG0996 | 10340 | 5525 | 11.0 |
| 04B | 392052 | 761022 | 01/23/1974 | 1252 | 8.0 | | | | XJG0996 | 10340 | 5525 | 11.0 |
| 04B | 392052 | 761022 | 01/23/1974 | 1250 | 10.0 | | | | XJG0996 | 10340 | 5525 | 11.0 |
| 04B | 392052 | 761022 | 02/12/1974 | 955 | .0 | | | 1 | XJG0996 | 10340 | 5525 | 11.0 |
| 04B | 392052 | 761022 | 02/12/1974 | 953 | 2.0 | | | 1 | XJG0996 | 10340 | 5525 | 11.0 |
| 04B | 392052 | 761022 | 02/12/1974 | 951 | 4.0 | | | 1 | XJG0996 | 10340 | 5525 | 11.0 |
| 04B | 392052 | 761022 | 02/12/1974 | 949 | 6.0 | | | 1 | XJG0996 | 10340 | 5525 | 11.0 |
| 04B | 392052 | 761022 | 02/12/1974 | 947 | 8.0 | | | 1 | XJG0996 | 10340 | 5525 | 11.0 |
| 04B | 392052 | 761022 | 02/12/1974 | 945 | 10.0 | | | 1 | XJG0996 | 10340 | 5525 | 11.0 |
| 04B | 392052 | 761022 | 03/20/1974 | 1350 | .0 | 41.74 | 13.8 | 2 | XJG0996 | 10340 | 5525 | 10.7 |
| 04B | 392052 | 761022 | 03/20/1974 | 1348 | 2.0 | 43.28 | | 2 | XJG0996 | 10340 | 5525 | 10.7 |
| 04B | 392052 | 761022 | 03/20/1974 | 1346 | 4.0 | 46.68 | | 2 | XJG0996 | 10340 | 5525 | 10.7 |
| 04B | 392052 | 761022 | 03/20/1974 | 1344 | 6.0 | 49.31 | 9.9 | 2 | XJG0996 | 10340 | 5525 | 10.7 |
| 04B | 392052 | 761022 | 03/20/1974 | 1342 | 8.0 | 59.46 | | 2 | XJG0996 | 10340 | 5525 | 10.7 |
| 04B | 392052 | 761022 | 03/20/1974 | 1340 | 9.5 | 80.80 | 8.8 | 2 | XJG0996 | 10340 | 5525 | 10.7 |
| 04B | 392052 | 761022 | 05/02/1974 | 1242 | .0 | 92.11 | | 4 | XJG0996 | 10340 | 5525 | 11.0 |
| 04B | 392052 | 761022 | 05/02/1974 | 1240 | 2.0 | 38.17 | | 4 | XJG0996 | 10340 | 5525 | 11.0 |
| 04B | 392052 | 761022 | 05/02/1974 | 1238 | 4.0 | 45.29 | | 4 | XJG0996 | 10340 | 5525 | 11.0 |
| 04B | 392052 | 761022 | 05/02/1974 | 1236 | 6.0 | 48.95 | | 4 | XJG0996 | 10340 | 5525 | 11.0 |
| 04B | 392052 | 761022 | 05/02/1974 | 1234 | 8.0 | 75.44 | | 4 | XJG0996 | 10340 | 5525 | 11.0 |
| 04B | 392052 | 761022 | 05/02/1974 | 1232 | 10.0 | 40.15 | | 4 | XJG0996 | 10340 | 5525 | 11.0 |
| 04B | 392052 | 761022 | 05/02/1974 | 1230 | 11.0 | | | 4 | XJG0996 | 10340 | 5525 | 11.0 |
| 04B | 392052 | 761022 | 06/13/1974 | 1620 | .0 | 8.98 | | 9 | XJG0996 | 10340 | 5525 | 11.3 |
| 04B | 392052 | 761022 | 06/13/1974 | 1618 | 2.0 | 10.15 | | 9 | XJG0996 | 10340 | 5525 | 11.3 |
| 04B | 392052 | 761022 | 06/13/1974 | 1616 | 4.0 | 10.89 | | 9 | XJG0996 | 10340 | 5525 | 11.3 |
| 04B | 392052 | 761022 | 06/13/1974 | 1614 | 6.0 | 17.65 | | 9 | XJG0996 | 10340 | 5525 | 11.3 |
| 04B | 392052 | 761022 | 06/13/1974 | 1612 | 8.0 | 19.88 | | 9 | XJG0996 | 10340 | 5525 | 11.3 |
| 04B | 392052 | 761022 | 06/13/1974 | 1610 | 10.8 | 22.38 | | 9 | XJG0996 | 10340 | 5525 | 11.3 |
| 04B | 392052 | 761022 | 07/31/1974 | 1150 | .0 | 12.27 | | 9 | XJG0996 | 10340 | 5525 | 11.5 |
| 04B | 392052 | 761022 | 07/31/1974 | 1148 | 2.0 | 15.56 | | 9 | XJG0996 | 10340 | 5525 | 11.5 |
| 04B | 392052 | 761022 | 07/31/1974 | 1146 | 4.0 | 16.00 | | 9 | XJG0996 | 10340 | 5525 | 11.5 |

| STATION C202 | LATITUDE C222 | LONGITUDE C223 | DATE MM DD YY C203 | TIME HRS C204 | SAMPLE DEPT M C210 | T S SED MG-L C219 | S SED P ORGN C220 | VESSEL CODE C221 | DNR STATION C224 | MD GRID CODE E C225 | MD GRID CODE N C226 | STATION DEPT M C227 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 04B | 392052 | 761022 | 07/31/1974 | 1144 | 6.0 | 22.94 | | 9 | XJG0996 | 10340 | 5525 | 11.5 |
| 04B | 392052 | 761022 | 07/31/1974 | 1142 | 8.0 | 30.84 | | 9 | XJG0996 | 10340 | 5525 | 11.5 |
| 04B | 392052 | 761022 | 07/31/1974 | 1140 | 10.5 | 62.94 | | 9 | XJG0996 | 10340 | 5525 | 11.5 |
| 04B | 392052 | 761022 | 09/19/1974 | 1127 | .0 | 13.62 | | 9 | XJG0996 | 10340 | 5525 | |
| 04B | 392052 | 761022 | 09/19/1974 | 1125 | 2.0 | 19.48 | | 9 | XJG0996 | 10340 | 5525 | |
| 04B | 392052 | 761022 | 09/19/1974 | 1123 | 4.0 | 24.56 | | 9 | XJG0996 | 10340 | 5525 | |
| 04B | 392052 | 761022 | 09/19/1974 | 1121 | 6.0 | 28.37 | | 9 | XJG0996 | 10340 | 5525 | |
| 04B | 392052 | 761022 | 09/19/1974 | 1119 | 8.0 | 29.81 | | 9 | XJG0996 | 10340 | 5525 | |
| 04B | 392052 | 761022 | 09/19/1974 | 1117 | 10.0 | 30.75 | | 9 | XJG0996 | 10340 | 5525 | |
| 04B | 392052 | 761022 | 09/19/1974 | 1115 | 11.0 | | | 9 | XJG0996 | 10340 | 5525 | |
| 04B | 392052 | 761022 | 11/27/1974 | 855 | .0 | 8.23 | | 9 | XJG0996 | 10340 | 5525 | 10.9 |
| 04B | 392052 | 761022 | 11/27/1974 | 853 | 2.0 | 9.98 | | 9 | XJG0996 | 10340 | 5525 | 10.9 |
| 04B | 392052 | 761022 | 11/27/1974 | 851 | 4.0 | 10.40 | | 9 | XJG0996 | 10340 | 5525 | 10.9 |
| 04B | 392052 | 761022 | 11/27/1974 | 849 | 6.0 | 9.32 | | 9 | XJG0996 | 10340 | 5525 | 10.9 |
| 04B | 392052 | 761022 | 11/27/1974 | 847 | 8.0 | 36.42 | | 9 | XJG0996 | 10340 | 5525 | 10.9 |
| 04B | 392052 | 761022 | 11/27/1974 | 845 | 10.5 | 44.69 | | 9 | XJG0996 | 10340 | 5525 | 10.9 |
| 04C | 92018 | 760940 | 12/14/1973 | 1159 | .0 | | | 2 | XJH0303 | 10374 | 5494 | 5.8 |
| 04C | 92018 | 760940 | 12/14/1973 | 1158 | 2.0 | | | 2 | XJH0303 | 10374 | 5494 | 5.8 |
| 04C | 92018 | 760940 | 12/14/1973 | 1156 | 4.0 | | | 2 | XJH0303 | 10374 | 5494 | 5.8 |
| 04C | 92018 | 760940 | 12/14/1973 | 1155 | 5.3 | | | 2 | XJH0303 | 10374 | 5494 | 5.8 |
| 04C | 392018 | 760940 | 01/23/1974 | 1239 | .0 | | | | XJH0303 | 10374 | 5494 | 5.2 |
| 04C | 392018 | 760940 | 01/23/1974 | 1237 | 2.0 | | | | XJH0303 | 10374 | 5494 | 5.2 |
| 04C | 392018 | 760940 | 01/23/1974 | 1235 | 4.2 | | | | XJH0303 | 10374 | 5494 | 5.2 |
| 04C | 392018 | 760940 | 02/12/1974 | 1011 | .0 | | | 1 | XJH0303 | 10374 | 5494 | 6.0 |
| 04C | 392018 | 760940 | 02/12/1974 | 1009 | 2.0 | | | 1 | XJH0303 | 10374 | 5494 | 6.0 |
| 04C | 392018 | 760940 | 02/12/1974 | 1007 | 4.0 | | | 1 | XJH0303 | 10374 | 5494 | 6.0 |
| 04C | 392018 | 760940 | 02/12/1974 | 1005 | 5.0 | | | 1 | XJH0303 | 10374 | 5494 | 6.0 |
| 04C | 392018 | 760940 | 03/20/1974 | 1316 | .0 | 46.80 | | 2 | XJH0303 | 10374 | 5494 | 6.7 |
| 04C | 392018 | 760940 | 03/20/1974 | 1314 | 2.0 | 58.80 | | 2 | XJH0303 | 10374 | 5494 | 6.7 |
| 04C | 392018 | 760940 | 03/20/1974 | 1312 | 4.0 | 56.08 | | 2 | XJH0303 | 10374 | 5494 | 6.7 |
| 04C | 392018 | 760940 | 03/20/1974 | 1310 | 5.5 | 99.51 | | 2 | XJH0303 | 10374 | 5494 | 6.7 |
| 04C | 392018 | 790940 | 05/02/1974 | 1221 | .0 | 33.83 | | 4 | XJH0303 | 10374 | 5494 | 6.0 |
| 04C | 392018 | 790940 | 05/02/1974 | 1219 | 2.0 | 34.76 | | 4 | XJH0303 | 10374 | 5494 | 6.0 |
| 04C | 392018 | 790940 | 05/02/1974 | 1217 | 4.0 | 36.15 | | 4 | XJH0303 | 10374 | 5494 | 6.0 |
| 04C | 392018 | 790940 | 05/02/1974 | 1215 | 6.0 | 44.06 | | 4 | XJH0303 | 10374 | 5494 | 6.0 |
| 04C | 392018 | 760940 | 06/13/1974 | 1629 | .0 | 15.01 | | 9 | XJH0303 | 10374 | 5494 | 4.4 |
| 04C | 392018 | 760940 | 06/13/1974 | 1627 | 2.0 | 16.08 | | 9 | XJH0303 | 10374 | 5494 | 4.4 |
| 04C | 392018 | 760940 | 06/13/1974 | 1625 | 3.4 | 25.31 | | 9 | XJH0303 | 10374 | 5494 | 4.4 |
| 04C | 392018 | 760940 | 07/31/1974 | 1136 | .0 | 12.91 | | 9 | XJH0303 | 10374 | 5494 | 6.6 |
| 04C | 392018 | 760940 | 07/31/1974 | 1134 | 2.0 | 30.10 | | 9 | XJH0303 | 10374 | 5494 | 6.6 |
| 04C | 392018 | 760940 | 07/31/1974 | 1132 | 4.0 | 38.26 | | 9 | XJH0303 | 10374 | 5494 | 6.6 |
| 04C | 392018 | 760940 | 07/31/1974 | 1130 | 5.6 | 49.57 | | 9 | XJH0303 | 10374 | 5494 | 6.6 |
| 04C | 392018 | 760940 | 09/19/1974 | 1139 | .0 | 11.19 | | 9 | XJH0303 | 10374 | 5494 | |
| 04C | 392018 | 760940 | 09/19/1974 | 1137 | 2.0 | 14.86 | | 9 | XJH0303 | 10374 | 5494 | |
| 04C | 392018 | 760940 | 09/19/1974 | 1135 | 4.0 | 13.37 | | 9 | XJH0303 | 10374 | 5494 | |
| 04C | 392018 | 760940 | 09/19/1974 | 1133 | 6.0 | 12.06 | | 9 | XJH0303 | 10374 | 5494 | |
| 04C | 392018 | 760940 | 11/27/1974 | 906 | .0 | 12.41 | | 9 | XJH0303 | 10374 | 5494 | 6.0 |
| 04C | 392018 | 760940 | 11/27/1974 | 904 | 2.0 | 14.53 | | 9 | XJH0303 | 10374 | 5494 | 6.0 |
| 04C | 392018 | 760940 | 11/27/1974 | 902 | 4.0 | 14.84 | | 9 | XJH0303 | 10374 | 5494 | 6.0 |
| 04C | 392018 | 760940 | 11/27/1974 | 900 | 5.8 | 28.80 | | 9 | XJH0303 | 10374 | 5494 | 6.0 |

| STAT ION C202 | LATI TUDE C222 | LONGI TUDE C223 | DATE MM DD YY C203 | TIME HRS C204 | SAMPLE DEPT M C210 | T S SED MG-L C219 | S SED P ORGN C220 | VESSEL CODE C221 | DNR STATION C224 | MD GRID CODE E C225 | MD GRID CODE N C226 | STATION DEPT M C227 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 05A | 391637 | 761522 | 12/14/1973 | 1053 | .0 | 17.88 | | 4 | XIG6647 | 10107 | 5266 | 12.0 |
| 05A | 391637 | 761522 | 12/14/1973 | 1040 | .0 | 21.02 | | 2 | XIG6647 | 10107 | 5266 | 12.0 |
| 05A | 391637 | 761522 | 12/14/1973 | 1038 | 2.0 | 21.16 | | 2 | XIG6647 | 10107 | 5266 | 12.0 |
| 05A | 391637 | 761522 | 12/14/1973 | 1051 | 2.0 | 24.65 | | 4 | XIG6647 | 10107 | 5266 | 12.0 |
| 05A | 391637 | 761522 | 12/14/1973 | 1049 | 4.0 | 22.65 | | 4 | XIG6647 | 10107 | 5266 | 12.0 |
| 05A | 391637 | 761522 | 12/14/1973 | 1036 | 4.0 | 23.84 | | 2 | XIG6647 | 10107 | 5266 | 12.0 |
| 05A | 391637 | 761522 | 12/14/1973 | 1048 | 6.0 | 22.30 | | 4 | XIG6647 | 10107 | 5266 | 12.0 |
| 05A | 391637 | 761522 | 12/14/1973 | 1034 | 6.0 | 25.70 | | 2 | XIG6647 | 10107 | 5266 | 12.0 |
| 05A | 391637 | 761522 | 12/14/1973 | 1046 | 8.0 | 24.89 | | 4 | XIG6647 | 10107 | 5266 | 12.0 |
| 05A | 391637 | 761522 | 12/14/1973 | 1032 | 8.0 | 27.10 | | 2 | XIG6647 | 10107 | 5266 | 12.0 |
| 05A | 391637 | 761522 | 12/14/1973 | 1045 | 10.0 | 24.87 | | 4 | XIG6647 | 10107 | 5266 | 12.0 |
| 05A | 391637 | 761522 | 12/14/1973 | 1030 | 10.0 | 22.68 | | 2 | XIG6647 | 10107 | 5266 | 12.0 |
| 05A | 391637 | 761522 | 01/23/1974 | 1063 | .0 | | | | XIG6647 | 10107 | 5266 | 9.3 |
| 05A | 391637 | 761522 | 01/23/1974 | 1061 | 2.0 | | | | XIG6647 | 10107 | 5266 | 9.3 |
| 05A | 391637 | 761522 | 01/23/1974 | 1059 | 4.0 | | | | XIG6647 | 10107 | 5266 | 9.3 |
| 05A | 391637 | 761522 | 01/23/1974 | 1057 | 6.0 | | | | XIG6647 | 10107 | 5266 | 9.3 |
| 05A | 391637 | 761522 | 01/23/1974 | 1055 | 8.3 | | | | XIG6647 | 10107 | 5266 | 9.3 |
| 05A | 391637 | 761522 | 01/24/1974 | 938 | .0 | 10.96 | | | XIG6647 | 10107 | 5266 | 10.3 |
| 05A | 391637 | 761522 | 01/24/1974 | 936 | 2.0 | 9.53 | | | XIG6647 | 10107 | 5266 | 10.3 |
| 05A | 391637 | 761522 | 01/24/1974 | 934 | 4.0 | 9.84 | | | XIG6647 | 10107 | 5266 | 10.3 |
| 05A | 391637 | 761522 | 01/24/1974 | 932 | 6.0 | 19.86 | | | XIG6647 | 10107 | 5266 | 10.3 |
| 05A | 391637 | 761522 | 01/24/1974 | 930 | 7.5 | | | | XIG6647 | 10107 | 5266 | 10.3 |
| 05A | 391637 | 761522 | 02/12/1974 | 845 | .0 | 12.92 | | 1 | XIG6647 | 10107 | 5266 | 11.5 |
| 05A | 391637 | 761522 | 02/12/1974 | 843 | 2.0 | 13.95 | | 1 | XIG6647 | 10107 | 5266 | 11.5 |
| 05A | 391637 | 761522 | 02/12/1974 | 841 | 4.0 | 14.38 | | 1 | XIG6647 | 10107 | 5266 | 11.5 |
| 05A | 391637 | 761522 | 02/12/1974 | 839 | 6.0 | 26.80 | | 1 | XIG6647 | 10107 | 5266 | 11.5 |
| 05A | 391637 | 761522 | 02/12/1974 | 837 | 8.0 | 20.98 | | 1 | XIG6647 | 10107 | 5266 | 11.5 |
| 05A | 391637 | 761522 | 02/12/1974 | 835 | 10.0 | 49.65 | | 1 | XIG6647 | 10107 | 5266 | 11.5 |
| 05A | 391637 | 761522 | 03/20/1974 | 1125 | .0 | 73.97 | | 2 | XIG6647 | 10107 | 5266 | 12.1 |
| 05A | 391637 | 761522 | 03/20/1974 | 1123 | 2.0 | 53.34 | | 2 | XIG6647 | 10107 | 5266 | 12.1 |
| 05A | 391637 | 761522 | 03/20/1974 | 1121 | 4.0 | 71.00 | | 2 | XIG6647 | 10107 | 5266 | 12.1 |
| 05A | 391637 | 761522 | 03/20/1974 | 1119 | 6.0 | 164.54 | | 2 | XIG6647 | 10107 | 5266 | 12.1 |
| 05A | 391637 | 761522 | 03/20/1974 | 1117 | 8.0 | 161.03 | | 2 | XIG6647 | 10107 | 5266 | 12.1 |
| 05A | 391637 | 761522 | 03/20/1974 | 1115 | 10.5 | 264.11 | | 2 | XIG6647 | 10107 | 5266 | 12.1 |
| 05A | 391637 | 761522 | 03/21/1974 | 755 | .0 | 26.80 | | 1 | XIG6647 | 10107 | 5266 | 10.7 |
| 05A | 391637 | 761522 | 03/21/1974 | 753 | 2.0 | 27.93 | | 1 | XIG6647 | 10107 | 5266 | 10.7 |
| 05A | 391637 | 761522 | 03/21/1974 | 751 | 4.0 | 29.23 | | 1 | XIG6647 | 10107 | 5266 | 10.7 |
| 05A | 391637 | 761522 | 03/21/1974 | 749 | 6.0 | 29.37 | | 1 | XIG6647 | 10107 | 5266 | 10.7 |
| 05A | 391637 | 761522 | 03/21/1974 | 747 | 7.5 | 62.57 | | 1 | XIG6647 | 10107 | 5266 | 10.7 |
| 05A | 391637 | 761522 | 03/21/1974 | 745 | 8.0 | 51.07 | | 1 | XIG6647 | 10107 | 5266 | 10.7 |
| 05A | 391637 | 761522 | 05/02/1974 | 1115 | .0 | 53.93 | | 4 | XIG6647 | 10107 | 5266 | 10.0 |
| 05A | 391637 | 761522 | 05/02/1974 | 1113 | 2.0 | 55.93 | | 4 | XIG6647 | 10107 | 5266 | 10.0 |
| 05A | 391637 | 761522 | 05/02/1974 | 1111 | 4.0 | 45.78 | | 4 | XIG6647 | 10107 | 5266 | 10.0 |
| 05A | 391637 | 761522 | 05/02/1974 | 1109 | 6.0 | 43.27 | | 4 | XIG6647 | 10107 | 5266 | 10.0 |
| 05A | 391637 | 761522 | 05/02/1974 | 1107 | 8.0 | 43.09 | | 4 | XIG6647 | 10107 | 5266 | 10.0 |
| 05A | 391637 | 761522 | 05/02/1974 | 1105 | 10.0 | | | 4 | XIG6647 | 10107 | 5266 | 10.0 |
| 05A | 391637 | 761522 | 05/03/1974 | 731 | .0 | 20.67 | | 1 | XIG6647 | 10107 | 5266 | 7.5 |
| 05A | 391637 | 761522 | 05/03/1974 | 729 | 2.0 | 15.87 | | 1 | XIG6647 | 10107 | 5266 | 7.5 |
| 05A | 391637 | 761522 | 05/03/1974 | 727 | 4.0 | 30.82 | | 1 | XIG6647 | 10107 | 5266 | 7.5 |
| 05A | 391637 | 761522 | 05/03/1974 | 725 | 6.5 | 39.95 | | 1 | XIG6647 | 10107 | 5266 | 7.5 |

| STAT ION C202 | LATI TUDE C222 | LONGI TUDE C223 | DATE MM DD YY C203 | TIME HRS C204 | SAMPLE DEPT M C210 | T S SED MG-L C219 | S SED P ORGN C220 | VESSEL CODE C221 | DNR STATION C224 | MD GRID CODE E C225 | MD GRID CODE N C226 | STATION DEPT M C227 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 05A | 391637 | 761522 | 06/13/1974 | 753 | .0 | 11.77 | | 1 | XIG6647 | 10107 | 5266 | 8.5 |
| 05A | 391637 | 761522 | 06/13/1974 | 751 | 2.0 | 15.42 | | 1 | XIG6647 | 10107 | 5266 | 8.5 |
| 05A | 391637 | 761522 | 06/13/1974 | 749 | 4.0 | 16.60 | | 1 | XIG6647 | 10107 | 5266 | 8.5 |
| 05A | 391637 | 761522 | 06/13/1974 | 747 | 6.0 | 21.82 | | 1 | XIG6647 | 10107 | 5266 | 8.5 |
| 05A | 391637 | 761522 | 06/13/1974 | 745 | 7.0 | 39.34 | | 1 | XIG6647 | 10107 | 5266 | 8.5 |
| 05A | 391637 | 761522 | 06/14/1974 | 808 | .0 | | | 1 | XIG6647 | 10107 | 5266 | 9.0 |
| 05A | 391637 | 761522 | 06/14/1974 | 806 | 2.0 | | | 1 | XIG6647 | 10107 | 5266 | 9.0 |
| 05A | 391637 | 761522 | 06/14/1974 | 804 | 4.0 | | | 1 | XIG6647 | 10107 | 5266 | 9.0 |
| 05A | 391637 | 761522 | 06/14/1974 | 802 | 6.0 | | | 1 | XIG6647 | 10107 | 5266 | 9.0 |
| 05A | 391637 | 761522 | 06/14/1974 | 800 | 8.0 | | | 1 | XIG6647 | 10107 | 5266 | 9.0 |
| 05A | 391637 | 761522 | 07/31/1974 | 1021 | .0 | 7.16 | | 9 | XIG6647 | 10107 | 5266 | 7.0 |
| 05A | 391637 | 761522 | 07/31/1974 | 1019 | 2.0 | 7.22 | | 9 | XIG6647 | 10107 | 5266 | 7.0 |
| 05A | 391637 | 761522 | 07/31/1974 | 1017 | 4.0 | 9.26 | | 9 | XIG6647 | 10107 | 5266 | 7.0 |
| 05A | 391637 | 761522 | 07/31/1974 | 1015 | 6.0 | 11.73 | | 9 | XIG6647 | 10107 | 5266 | 7.0 |
| 05A | 391637 | 761522 | 09/19/1974 | 1026 | .0 | 7.32 | | 9 | XIG6647 | 10107 | 5266 | |
| 05A | 391637 | 761522 | 09/19/1974 | 1024 | 2.0 | 8.05 | | 9 | XIG6647 | 10107 | 5266 | |
| 05A | 391637 | 761522 | 09/19/1974 | 1022 | 4.0 | 8.22 | | 9 | XIG6647 | 10107 | 5266 | |
| 05A | 391637 | 761522 | 09/19/1974 | 1020 | 6.0 | 8.33 | | 9 | XIG6647 | 10107 | 5266 | |
| 05A | 391637 | 761522 | 09/19/1974 | 1018 | 8.0 | 9.72 | | 9 | XIG6647 | 10107 | 5266 | |
| 05A | 391637 | 761522 | 09/19/1974 | 1016 | 9.0 | | | 9 | XIG6647 | 10107 | 5266 | |
| 05A | 391637 | 761522 | 11/25/1974 | 1640 | .0 | 3.42 | | 9 | XIG6647 | 10107 | 5266 | 12.5 |
| 05A | 391637 | 761522 | 11/25/1974 | 1638 | 2.0 | 3.87 | | 9 | XIG6647 | 10107 | 5266 | 12.5 |
| 05A | 391637 | 761522 | 11/25/1974 | 1636 | 4.0 | 4.12 | | 9 | XIG6647 | 10107 | 5266 | 12.5 |
| 05A | 391637 | 761522 | 11/25/1974 | 1634 | 6.0 | 3.79 | | 9 | XIG6647 | 10107 | 5266 | 12.5 |
| 05A | 391637 | 761522 | 11/25/1974 | 1632 | 8.0 | 6.10 | | 9 | XIG6647 | 10107 | 5266 | 12.5 |
| 05A | 391637 | 761522 | 11/25/1974 | 1630 | 12.0 | 24.80 | | 9 | XIG6647 | 10107 | 5266 | 12.5 |
| 05B | 391614 | 761403 | 12/14/1973 | 1039 | .0 | | | 4 | XIG6259 | 10169 | 5243 | 10.2 |
| 05B | 391614 | 761403 | 12/14/1973 | 1037 | 2.0 | | | 4 | XIG6259 | 10169 | 5243 | 10.2 |
| 05B | 391614 | 761403 | 12/14/1973 | 1035 | 4.0 | | | 4 | XIG6259 | 10169 | 5243 | 10.2 |
| 05B | 391614 | 761403 | 12/14/1973 | 1033 | 6.0 | | | 4 | XIG6259 | 10169 | 5243 | 10.2 |
| 05B | 391614 | 761403 | 12/14/1973 | 1031 | 8.0 | | | 4 | XIG6259 | 10169 | 5243 | 10.2 |
| 05B | 391614 | 761403 | 12/14/1973 | 1030 | 9.7 | | | 4 | XIG6259 | 10169 | 5243 | 10.2 |
| 05B | 391614 | 761403 | 01/23/1974 | 1123 | .0 | | | | XIG6259 | 10169 | 5243 | 9.5 |
| 05B | 391614 | 761403 | 01/23/1974 | 1121 | 2.0 | | | | XIG6259 | 10169 | 5243 | 9.5 |
| 05B | 391614 | 761403 | 01/23/1974 | 1119 | 4.0 | | | | XIG6259 | 10169 | 5243 | 9.5 |
| 05B | 391614 | 761403 | 01/23/1974 | 1117 | 6.0 | | | | XIG6259 | 10169 | 5243 | 9.5 |
| 05B | 391614 | 761403 | 01/23/1974 | 1115 | 8.5 | | | | XIG6259 | 10169 | 5243 | 9.5 |
| 05B | 391614 | 761403 | 02/12/1974 | 815 | .0 | | | 1 | XIG6259 | 10169 | 5243 | 10.6 |
| 05B | 391614 | 761403 | 02/12/1974 | 813 | 2.0 | | | 1 | XIG6259 | 10169 | 5243 | 10.6 |
| 05B | 391614 | 761403 | 02/12/1974 | 811 | 4.0 | | | 1 | XIG6259 | 10169 | 5243 | 10.6 |
| 05B | 391614 | 761403 | 02/12/1974 | 809 | 6.0 | | | 1 | XIG6259 | 10169 | 5243 | 10.6 |
| 05B | 391614 | 761403 | 02/12/1974 | 807 | 8.0 | | | 1 | XIG6259 | 10169 | 5243 | 10.6 |
| 05B | 391614 | 761403 | 02/12/1974 | 805 | 9.6 | | | 1 | XIG6259 | 10169 | 5243 | 10.6 |
| 05B | 391614 | 761403 | 03/20/1974 | 1148 | .0 | 46.00 | 12.6 | 2 | XIG6259 | 10169 | 5243 | 9.7 |
| 05B | 391614 | 761403 | 03/20/1974 | 1146 | 2.0 | 51.26 | | 2 | XIG6259 | 10169 | 5243 | 9.7 |
| 05B | 391614 | 761403 | 03/20/1974 | 1144 | 4.0 | 44.31 | 12.3 | 2 | XIG6259 | 10169 | 5243 | 9.7 |
| 05B | 391614 | 761403 | 03/20/1974 | 1142 | 6.0 | 115.23 | | 2 | XIG6259 | 10169 | 5243 | 9.7 |
| 05B | 391614 | 761403 | 03/20/1974 | 1140 | 8.5 | 134.94 | 9.7 | 2 | XIG6259 | 10169 | 5243 | 9.7 |
| 05B | 391614 | 761403 | 05/02/1974 | 1043 | .0 | 23.63 | | 4 | XIG6259 | 10169 | 5243 | 6.8 |
| 05B | 391614 | 761403 | 05/02/1974 | 1041 | 2.0 | 32.21 | | 4 | XIG6259 | 10169 | 5243 | 6.8 |

| STAT ION C202 | LATI TUDE C222 | LONGI TUDE C223 | DATE MM DD YY C203 | TIME HRS C204 | SAMPLE DEPT M C210 | T S SED MG-L C219 | S SED P ORGN C220 | VESSEL CODE C221 | DNR STATION C224 | MD GRID CODE E C225 | MD GRID CODE N C226 | STATION DEPT M C227 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 05B | 391614 | 761403 | 05/02/1974 | 1039 | 4.0 | 65.28 | | 4 | XIG6259 | 10169 | 5243 | 6.8 |
| 05B | 391614 | 761403 | 05/02/1974 | 1037 | 6.0 | 77.13 | | 4 | XIG6259 | 10169 | 5243 | 6.8 |
| 05B | 391614 | 761403 | 05/02/1974 | 1035 | 6.8 | | | 4 | XIG6259 | 10169 | 5243 | 6.8 |
| 05B | 391614 | 761403 | 06/14/1974 | 752 | .0 | 5.27 | | 9 | XIG6259 | 10169 | 5243 | 10.2 |
| 05B | 391614 | 761403 | 06/14/1974 | 750 | 2.0 | 7.94 | | 9 | XIG6259 | 10169 | 5243 | 10.2 |
| 05B | 391614 | 761403 | 06/14/1974 | 748 | 4.0 | 6.28 | | 9 | XIG6259 | 10169 | 5243 | 10.2 |
| 05B | 391614 | 761403 | 06/14/1974 | 746 | 6.0 | 12.30 | | 9 | XIG6259 | 10169 | 5243 | 10.2 |
| 05B | 391614 | 761403 | 06/14/1974 | 744 | 8.0 | 29.02 | | 9 | XIG6259 | 10169 | 5243 | 10.2 |
| 05B | 391614 | 761403 | 06/14/1974 | 742 | 9.2 | 31.21 | | 9 | XIG6259 | 10169 | 5243 | 10.2 |
| 05B | 391614 | 761403 | 07/31/1974 | 1040 | .0 | 7.56 | | 9 | XIG6259 | 10169 | 5243 | 9.7 |
| 05B | 391614 | 761403 | 07/31/1974 | 1038 | 2.0 | 9.45 | | 9 | XIG6259 | 10169 | 5243 | 9.7 |
| 05B | 391614 | 761403 | 07/31/1974 | 1036 | 4.0 | 7.17 | | 9 | XIG6259 | 10169 | 5243 | 9.7 |
| 05B | 391614 | 761403 | 07/31/1974 | 1034 | 6.0 | 13.46 | | 9 | XIG6259 | 10169 | 5243 | 9.7 |
| 05B | 391614 | 761403 | 07/31/1974 | 1032 | 8.0 | | | 9 | XIG6259 | 10169 | 5243 | 9.7 |
| 05B | 391614 | 761403 | 07/31/1974 | 1030 | 8.7 | 44.30 | | 9 | XIG6259 | 10169 | 5243 | 9.7 |
| 05B | 391614 | 761403 | 09/19/1974 | 1005 | .0 | 9.09 | | 9 | XIG6259 | 10169 | 5243 | |
| 05B | 391614 | 761403 | 09/19/1974 | 1003 | 2.0 | 13.10 | | 9 | XIG6259 | 10169 | 5243 | |
| 05B | 391614 | 761403 | 09/19/1974 | 1001 | 4.0 | 15.81 | | 9 | XIG6259 | 10169 | 5243 | |
| 05B | 391614 | 761403 | 09/19/1974 | 959 | 6.0 | 19.00 | | 9 | XIG6259 | 10169 | 5243 | |
| 05B | 391614 | 761403 | 09/19/1974 | 957 | 8.0 | 40.87 | | 9 | XIG6259 | 10169 | 5243 | |
| 05B | 391614 | 761403 | 09/19/1974 | 955 | 9.0 | | | 9 | XIG6259 | 10169 | 5243 | |
| 05B | 391614 | 761403 | 11/25/1974 | 1708 | .0 | 4.61 | | 9 | XIG6259 | 10169 | 5243 | 8.4 |
| 05B | 391614 | 761403 | 11/25/1974 | 1706 | 2.0 | 5.11 | | 9 | XIG6259 | 10169 | 5243 | 8.4 |
| 05B | 391614 | 761403 | 11/25/1974 | 1704 | 4.0 | 5.01 | | 9 | XIG6259 | 10169 | 5243 | 8.4 |
| 05B | 391614 | 761403 | 11/25/1974 | 1702 | 6.0 | 42.29 | | 9 | XIG6259 | 10169 | 5243 | 8.4 |
| 05B | 391614 | 761403 | 11/25/1974 | 1700 | 8.0 | 72.12 | | 9 | XIG6259 | 10169 | 5243 | 8.4 |
| 05C | 391604 | 761329 | 12/14/1973 | 1026 | .0 | | | 4 | XIG6259 | 10196 | 5233 | 6.0 |
| 05C | 391604 | 761329 | 12/14/1973 | 1024 | 2.0 | | | 4 | XIG6259 | 10196 | 5233 | 6.0 |
| 05C | 391604 | 761329 | 12/14/1973 | 1022 | 4.0 | | | 4 | XIG6259 | 10196 | 5233 | 6.0 |
| 05C | 391604 | 761329 | 12/14/1973 | 1020 | 5.3 | | | 4 | XIG6259 | 10196 | 5233 | 6.0 |
| 05C | 391604 | 761329 | 01/23/1974 | 1144 | .0 | | | | XIG6259 | 10196 | 5233 | 5.4 |
| 05C | 391604 | 761329 | 01/23/1974 | 1142 | 2.0 | | | | XIG6259 | 10196 | 5233 | 5.4 |
| 05C | 391604 | 761329 | 01/23/1974 | 1140 | 4.4 | | | | XIG6259 | 10196 | 5233 | 5.4 |
| 05C | 391604 | 761329 | 02/12/1974 | 754 | .0 | | | 1 | XIG6259 | 10196 | 5233 | 5.5 |
| 05C | 391604 | 761329 | 02/12/1974 | 752 | 2.0 | | | 1 | XIG6259 | 10196 | 5233 | 5.5 |
| 05C | 391604 | 761329 | 02/12/1974 | 750 | 4.5 | | | 1 | XIG6259 | 10196 | 5233 | 5.5 |
| 05C | 391604 | 761329 | 03/20/1974 | 1206 | .0 | 34.97 | | 2 | XIG6259 | 10196 | 5233 | 7.1 |
| 05C | 391604 | 761329 | 03/20/1974 | 1204 | 2.0 | 35.34 | | 2 | XIG6259 | 10196 | 5233 | 7.1 |
| 05C | 391604 | 761329 | 03/20/1974 | 1202 | 4.0 | 44.83 | | 2 | XIG6259 | 10196 | 5233 | 7.1 |
| 05C | 391604 | 761329 | 03/20/1974 | 1200 | 6.0 | 46.40 | | 2 | XIG6259 | 10196 | 5233 | 7.1 |
| 05C | 391604 | 761329 | 05/01/1974 | 1023 | .0 | 40.54 | | 4 | XIG6259 | 10196 | 5233 | 6.7 |
| 05C | 391604 | 761329 | 05/01/1974 | 1021 | 2.0 | 110.36 | | 4 | XIG6259 | 10196 | 5233 | 6.7 |
| 05C | 391604 | 761329 | 05/01/1974 | 1019 | 4.0 | 309.63 | | 4 | XIG6259 | 10196 | 5233 | 6.7 |
| 05C | 391604 | 761329 | 05/01/1974 | 1017 | 6.0 | 21.08 | | 4 | XIG6259 | 10196 | 5233 | 6.7 |
| 05C | 391604 | 761329 | 05/01/1974 | 1015 | 6.7 | | | 4 | XIG6259 | 10196 | 5233 | 6.7 |
| 05C | 391604 | 761329 | 06/14/1974 | 736 | .0 | 10.20 | | 9 | XIG6259 | 10196 | 5233 | 5.9 |
| 05C | 391604 | 761329 | 06/14/1974 | 734 | 2.0 | 12.48 | | 9 | XIG6259 | 10196 | 5233 | 5.9 |
| 05C | 391604 | 761329 | 06/14/1974 | 732 | 4.0 | 9.54 | | 9 | XIG6259 | 10196 | 5233 | 5.9 |
| 05C | 391604 | 761329 | 06/14/1974 | 730 | 4.9 | 18.98 | | 9 | XIG6259 | 10196 | 5233 | 5.9 |
| 05C | 391604 | 761329 | 07/31/1974 | 1054 | .0 | 7.34 | | 9 | XIG6259 | 10196 | 5233 | 4.6 |

| STAT ION C202 | LATT TUDE C222 | LONGI TUDE C223 | DATE MM DD YY C203 | TIME HRS C204 | SAMPLE DEPT M C210 | T S SED MG-L C219 | S SED P ORGN C220 | VESSEL CODE C221 | DNR STATION C224 | MD GRID CODE E C225 | MD GRID CODE N C226 | STATION DEPT M C227 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 05C | 391604 | 761329 | 07/31/1974 | 1052 | 2.0 | 13.58 | | 9 | XIG6259 | 10196 | 5233 | 4.6 |
| 05C | 391604 | 761329 | 07/31/1974 | 1050 | 3.6 | 13.92 | | 9 | XIG6259 | 10196 | 5233 | 4.6 |
| 05C | 391604 | 761329 | 09/19/1974 | 956 | .0 | 11.32 | | 9 | XIG6259 | 10196 | 5233 | |
| 05C | 391604 | 761329 | 09/19/1974 | 954 | 2.0 | 11.17 | | 9 | XIG6259 | 10196 | 5233 | |
| 05C | 391604 | 761329 | 09/19/1974 | 952 | 4.0 | 10.55 | | 9 | XIG6259 | 10196 | 5233 | |
| 05C | 391604 | 761329 | 09/19/1974 | 950 | 6.0 | 36.34 | | 9 | XIG6259 | 10196 | 5233 | |
| 05C | 391604 | 761329 | 09/19/1974 | 940 | 7.0 | | | 9 | XIG6259 | 10196 | 5233 | |
| 06A | 391357 | 761932 | 12/14/1973 | 916 | .0 | | | 2 | XIG3905 | 09912 | 5102 | 6.2 |
| 06A | 391357 | 761932 | 12/14/1973 | 914 | 2.0 | | | 2 | XIG3905 | 09912 | 5102 | 6.2 |
| 06A | 391357 | 761932 | 12/14/1973 | 912 | 4.0 | | | 2 | XIG3905 | 09912 | 5102 | 6.2 |
| 06A | 391357 | 761932 | 12/14/1973 | 910 | 6.0 | | | 2 | XIG3905 | 09912 | 5102 | 6.2 |
| 06A | 391357 | 761932 | 01/23/1974 | 1026 | .0 | | | | XIG3905 | 09912 | 5102 | 6.7 |
| 06A | 391357 | 761932 | 01/23/1974 | 1024 | 2.0 | | | | XIG3905 | 09912 | 5102 | 6.7 |
| 06A | 391357 | 761932 | 01/23/1974 | 1022 | 4.0 | | | | XIG3905 | 09912 | 5102 | 6.7 |
| 06A | 391357 | 761932 | 01/23/1974 | 1020 | 5.7 | | | | XIG3905 | 09912 | 5102 | 6.7 |
| 06A | 391357 | 761932 | 02/12/1974 | 626 | .0 | | | 1 | XIG3905 | 09912 | 5102 | 6.0 |
| 06A | 391357 | 761932 | 02/12/1974 | 624 | 2.0 | | | 1 | XIG3905 | 09912 | 5102 | 6.0 |
| 06A | 391357 | 761932 | 02/12/1974 | 622 | 4.0 | | | 1 | XIG3905 | 09912 | 5102 | 6.0 |
| 06A | 391357 | 761932 | 02/12/1974 | 620 | 5.0 | | | 1 | XIG3905 | 09912 | 5102 | 6.0 |
| 06A | 391357 | 761932 | 03/20/1974 | 1036 | .0 | 29.05 | | 2 | XIG3905 | 09912 | 5102 | 6.7 |
| 06A | 391357 | 761932 | 03/20/1974 | 1034 | 2.0 | 29.72 | | 2 | XIG3905 | 09912 | 5102 | 6.7 |
| 06A | 391357 | 761932 | 03/20/1974 | 1032 | 4.0 | 26.40 | | 2 | XIG3905 | 09912 | 5102 | 6.7 |
| 06A | 391357 | 761932 | 03/20/1974 | 1030 | 5.5 | 26.90 | | 2 | XIG3905 | 09912 | 5102 | 6.7 |
| 06A | 391357 | 761932 | 05/01/1974 | 1000 | .0 | 26.39 | | 4 | XIG3905 | 09912 | 5102 | |
| 06A | 391357 | 761932 | 05/01/1974 | 958 | 2.0 | 25.90 | | 4 | XIG3905 | 09912 | 5102 | |
| 06A | 391357 | 761932 | 05/01/1974 | 956 | 4.0 | 33.11 | | 4 | XIG3905 | 09912 | 5102 | |
| 06A | 391357 | 761932 | 05/01/1974 | 954 | 6.0 | 40.12 | | 4 | XIG3905 | 09912 | 5102 | |
| 06A | 391357 | 761932 | 05/01/1974 | 952 | 8.0 | 38.81 | | 4 | XIG3905 | 09912 | 5102 | |
| 06A | 391357 | 761932 | 05/01/1974 | 950 | 10.0 | 42.29 | | 4 | XIG3905 | 09912 | 5102 | |
| 06A | 391357 | 761932 | 05/01/1974 | 948 | 10.6 | | | 4 | XIG3905 | 09912 | 5102 | |
| 06A | 391357 | 761932 | 06/14/1974 | 836 | .0 | 2.26 | | 9 | XIG3905 | 09912 | 5102 | 5.9 |
| 06A | 391357 | 761932 | 06/14/1974 | 834 | 2.0 | 2.84 | | 9 | XIG3905 | 09912 | 5102 | 5.9 |
| 06A | 391357 | 761932 | 06/14/1974 | 832 | 4.0 | 3.36 | | 9 | XIG3905 | 09912 | 5102 | 5.9 |
| 06A | 391357 | 761932 | 06/14/1974 | 830 | 4.9 | 3.78 | | 9 | XIG3905 | 09912 | 5102 | 5.9 |
| 06A | 391357 | 761932 | 07/31/1974 | 946 | .0 | 3.58 | | 9 | XIG3905 | 09912 | 5102 | 6.2 |
| 06A | 391357 | 761932 | 07/31/1974 | 944 | 2.0 | 5.86 | | 9 | XIG3905 | 09912 | 5102 | 6.2 |
| 06A | 391357 | 761932 | 07/31/1974 | 942 | 4.0 | 6.98 | | 9 | XIG3905 | 09912 | 5102 | 6.2 |
| 06A | 391357 | 761932 | 07/31/1974 | 940 | 5.2 | 8.55 | | 9 | XIG3905 | 09912 | 5102 | 6.2 |
| 06A | 391357 | 761932 | 09/19/1974 | 821 | .0 | 2.65 | | 9 | XIG3905 | 09912 | 5102 | |
| 06A | 391357 | 761932 | 09/19/1974 | 819 | 2.0 | 2.81 | | 9 | XIG3905 | 09912 | 5102 | |
| 06A | 391357 | 761932 | 09/19/1974 | 817 | 4.0 | 5.03 | | 9 | XIG3905 | 09912 | 5102 | |
| 06A | 391357 | 761932 | 09/19/1974 | 815 | 6.0 | 8.55 | | 9 | XIG3905 | 09912 | 5102 | |
| 06A | 391357 | 761932 | 11/25/1974 | 1511 | .0 | 2.35 | | 9 | XIG3905 | 09912 | 5102 | 6.6 |
| 06A | 391357 | 761932 | 11/25/1974 | 1509 | 2.0 | 2.20 | | 9 | XIG3905 | 09912 | 5102 | 6.6 |
| 06A | 391357 | 761932 | 11/25/1974 | 1507 | 4.0 | 2.13 | | 9 | XIG3905 | 09912 | 5102 | 6.6 |
| 06A | 391357 | 761932 | 11/25/1974 | 1505 | 6.4 | 7.32 | | 9 | XIG3905 | 09912 | 5102 | 6.6 |
| 06B | 391322 | 761720 | 12/14/1973 | 934 | .0 | | | 2 | XIG3427 | 10016 | 5068 | 4.5 |
| 06B | 391322 | 761720 | 12/14/1973 | 932 | 2.0 | | | 2 | XIG3427 | 10016 | 5068 | 4.5 |
| 06B | 391322 | 761720 | 12/14/1973 | 930 | 4.0 | | | 2 | XIG3427 | 10016 | 5068 | 4.5 |
| 06B | 391322 | 761720 | 01/23/1974 | 957 | .0 | | | | XIG3427 | 10016 | 5068 | 3.3 |

| STATION C202 | LATITUDE C222 | LONGITUDE C223 | DATE MM DD YY C203 | TIME HRS C204 | SAMPLE DEPT M C210 | T S SED MG-L C219 | S SED P ORGN C220 | VESSEL CODE C221 | DNR STATION C224 | MD GRID CODE E C225 | MD GRID CODE N C226 | STATION DEPT M C227 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 06B | 391322 | 761720 | 01/23/1974 | 955 | 2.3 | | | | XIG3427 | 10016 | 5068 | 3.3 |
| 06B | 391322 | 761720 | 02/12/1974 | 647 | .0 | | | 1 | XIG3427 | 10016 | 5068 | 3.6 |
| 06B | 391322 | 761720 | 02/12/1974 | 645 | 2.6 | | | 1 | XIG3427 | 10016 | 5068 | 3.6 |
| 06B | 391322 | 761720 | 03/20/1974 | 1014 | .0 | 30.40 | | 2 | XIG3427 | 10016 | 5068 | 3.9 |
| 06B | 391322 | 761720 | 03/20/1974 | 1012 | 2.0 | 30.48 | | 2 | XIG3427 | 10016 | 5068 | 3.9 |
| 06B | 391322 | 761720 | 03/20/1974 | 1010 | 3.0 | 30.75 | | 2 | XIG3427 | 10016 | 5068 | 3.9 |
| 06B | 391322 | 761720 | 05/01/1974 | 914 | .0 | 28.52 | | 4 | XIG3427 | 10016 | 5068 | 12.0 |
| 06B | 391322 | 761720 | 05/01/1974 | 912 | 2.0 | 34.89 | | 4 | XIG3427 | 10016 | 5068 | 12.0 |
| 06B | 391322 | 761720 | 05/01/1974 | 910 | 3.5 | 19.63 | | 4 | XIG3427 | 10016 | 5068 | 12.0 |
| 06B | 391322 | 761720 | 06/14/1974 | 849 | .0 | 7.28 | | 9 | XIG3427 | 10016 | 5068 | 3.9 |
| 06B | 391322 | 761720 | 06/14/1974 | 847 | 2.0 | 9.51 | | 9 | XIG3427 | 10016 | 5068 | 3.9 |
| 06B | 391322 | 761720 | 06/14/1974 | 845 | 2.9 | 7.68 | | 9 | XIG3427 | 10016 | 5068 | 3.9 |
| 06B | 391322 | 761720 | 07/31/1974 | 929 | .0 | 4.02 | | 9 | XIG3427 | 10016 | 5068 | 3.4 |
| 06B | 391322 | 761720 | 07/31/1974 | 927 | 2.0 | | | 9 | XIG3427 | 10016 | 5068 | 3.4 |
| 06B | 391322 | 761720 | 07/31/1974 | 925 | 2.4 | 7.16 | | 9 | XIG3427 | 10016 | 5068 | 3.4 |
| 06B | 391322 | 761720 | 09/19/1974 | 834 | .0 | 3.63 | | 9 | XIG3427 | 10016 | 5068 | |
| 06B | 391322 | 761720 | 09/19/1974 | 832 | 2.0 | 3.51 | | 9 | XIG3427 | 10016 | 5068 | |
| 06B | 391322 | 761720 | 09/19/1974 | 830 | 4.0 | 7.15 | | 9 | XIG3427 | 10016 | 5068 | |
| 06B | 391322 | 761720 | 11/25/1974 | 1535 | .0 | 3.22 | | 9 | XIG3427 | 10016 | 5068 | 4.2 |
| 06B | 391322 | 761720 | 11/25/1974 | 1532 | 2.0 | 2.81 | | 9 | XIG3427 | 10016 | 5068 | 4.2 |
| 06B | 391322 | 761720 | 11/25/1974 | 1530 | 4.0 | 5.58 | | 9 | XIG3427 | 10016 | 5068 | 4.2 |
| 06C | 391247 | 761507 | 12/14/1973 | 1062 | .0 | | | 2 | XIG2849 | 10120 | 5033 | 15.0 |
| 06C | 391247 | 761507 | 12/14/1973 | 1060 | 2.0 | | | 2 | XIG2849 | 10120 | 5033 | 15.0 |
| 06C | 391247 | 761507 | 12/14/1973 | 959 | 4.0 | | | 2 | XIG2849 | 10120 | 5033 | 15.0 |
| 06C | 391247 | 761507 | 12/14/1973 | 957 | 6.0 | | | 2 | XIG2849 | 10120 | 5033 | 15.0 |
| 06C | 391247 | 761507 | 12/14/1973 | 955 | 8.0 | | | 2 | XIG2849 | 10120 | 5033 | 15.0 |
| 06C | 391247 | 761507 | 12/14/1973 | 953 | 10.0 | | | 2 | XIG2849 | 10120 | 5033 | 15.0 |
| 06C | 391247 | 761507 | 12/14/1973 | 951 | 12.0 | | | 2 | XIG2849 | 10120 | 5033 | 15.0 |
| 06C | 391247 | 761507 | 12/14/1973 | 950 | 14.4 | | | 2 | XIG2849 | 10120 | 5033 | 15.0 |
| 06C | 391247 | 761507 | 01/23/1974 | 939 | .0 | | | | XIG2849 | 10120 | 5033 | 15.2 |
| 06C | 391247 | 761507 | 01/23/1974 | 937 | 2.0 | | | | XIG2849 | 10120 | 5033 | 15.2 |
| 06C | 391247 | 761507 | 01/23/1974 | 935 | 4.0 | | | | XIG2849 | 10120 | 5033 | 15.2 |
| 06C | 391247 | 761507 | 01/23/1974 | 933 | 6.0 | | | | XIG2849 | 10120 | 5033 | 15.2 |
| 06C | 391247 | 761507 | 01/23/1974 | 931 | 8.0 | | | | XIG2849 | 10120 | 5033 | 15.2 |
| 06C | 391247 | 761507 | 01/23/1974 | 929 | 10.0 | | | | XIG2849 | 10120 | 5033 | 15.2 |
| 06C | 391247 | 761507 | 01/23/1974 | 927 | 12.0 | | | | XIG2849 | 10120 | 5033 | 15.2 |
| 06C | 391247 | 761507 | 01/23/1974 | 925 | 14.0 | | | | XIG2849 | 10120 | 5033 | 15.2 |
| 06C | 391247 | 761507 | 02/12/1974 | 720 | .0 | | | 1 | XIG2849 | 10120 | 5033 | 11.6 |
| 06C | 391247 | 761507 | 02/12/1974 | 718 | 2.0 | | | 1 | XIG2849 | 10120 | 5033 | 11.6 |
| 06C | 391247 | 761507 | 02/12/1974 | 716 | 4.0 | | | 1 | XIG2849 | 10120 | 5033 | 11.6 |
| 06C | 391247 | 761507 | 02/12/1974 | 714 | 6.0 | | | 1 | XIG2849 | 10120 | 5033 | 11.6 |
| 06C | 391247 | 761507 | 02/12/1974 | 712 | 8.0 | | | 1 | XIG2849 | 10120 | 5033 | 11.6 |
| 06C | 391247 | 761507 | 02/12/1974 | 710 | 10.5 | | | 1 | XIG2849 | 10120 | 5033 | 11.6 |
| 06C | 391247 | 761507 | 03/20/1974 | 952 | .0 | 26.62 | 12.7 | 2 | XIG2849 | 10120 | 5033 | 12.8 |
| 06C | 391247 | 761507 | 03/20/1974 | 950 | 2.0 | 25.50 | | 2 | XIG2849 | 10120 | 5033 | 12.8 |
| 06C | 391247 | 761507 | 03/20/1974 | 948 | 4.0 | 23.62 | | 2 | XIG2849 | 10120 | 5033 | 12.8 |
| 06C | 391247 | 761507 | 03/20/1974 | 946 | 6.0 | 24.60 | 12.5 | 2 | XIG2849 | 10120 | 5033 | 12.8 |
| 06C | 391247 | 761507 | 03/20/1974 | 944 | 8.0 | 20.98 | | 2 | XIG2849 | 10120 | 5033 | 12.8 |
| 06C | 391247 | 761507 | 03/20/1974 | 942 | 10.0 | 25.55 | | 2 | XIG2849 | 10120 | 5033 | 12.8 |
| 06C | 391247 | 761507 | 03/20/1974 | 940 | 11.5 | 29.42 | 12.7 | 2 | XIG2849 | 10120 | 5033 | 12.8 |

| STAT TON C202 | LATI TUDE C222 | LONGI TUDE C223 | DATE MM DD YY C203 | TIME HRS C204 | SAMPLE DEPT M C210 | T S SED MG-L C219 | S SED P ORGN C220 | VESSEL CODE C221 | DNR STATION C224 | MD GRID CODE E C225 | MD GRID CODE N C226 | STATION DEPT M C227 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 06C | 391247 | 761507 | 05/02/1974 | 842 | .0 | 15.58 | | 4 | XIG2849 | 10120 | 5033 | 14.0 |
| 06C | 391247 | 761507 | 05/02/1974 | 840 | 2.0 | 18.18 | | 4 | XIG2849 | 10120 | 5033 | 14.0 |
| 06C | 391247 | 761507 | 05/02/1974 | 838 | 4.0 | 29.67 | | 4 | XIG2849 | 10120 | 5033 | 14.0 |
| 06C | 391247 | 761507 | 05/02/1974 | 836 | 6.0 | 38.76 | | 4 | XIG2849 | 10120 | 5033 | 14.0 |
| 06C | 391247 | 761507 | 05/02/1974 | 834 | 8.0 | 34.66 | | 4 | XIG2849 | 10120 | 5033 | 14.0 |
| 06C | 391247 | 761507 | 05/02/1974 | 832 | 10.0 | 223.10 | | 4 | XIG2849 | 10120 | 5033 | 14.0 |
| 06C | 391247 | 761507 | 05/02/1974 | 830 | 12.0 | 67.05 | | 4 | XIG2849 | 10120 | 5033 | 14.0 |
| 06C | 391247 | 761507 | 05/02/1974 | 828 | 14.0 | 19.17 | | 4 | XIG2849 | 10120 | 5033 | 14.0 |
| 06C | 391247 | 761507 | 06/14/1974 | 912 | .0 | 3.84 | | 9 | XIG2849 | 10120 | 5033 | 12.5 |
| 06C | 391247 | 761507 | 06/14/1974 | 910 | 2.0 | 4.18 | | 9 | XIG2849 | 10120 | 5033 | 12.5 |
| 06C | 391247 | 761507 | 06/14/1974 | 908 | 4.0 | 4.18 | | 9 | XIG2849 | 10120 | 5033 | 12.5 |
| 06C | 391247 | 761507 | 06/14/1974 | 906 | 6.0 | 12.84 | | 9 | XIG2849 | 10120 | 5033 | 12.5 |
| 06C | 391247 | 761507 | 06/14/1974 | 904 | 8.0 | 10.74 | | 9 | XIG2849 | 10120 | 5033 | 12.5 |
| 06C | 391247 | 761507 | 06/14/1974 | 902 | 10.0 | 12.70 | | 9 | XIG2849 | 10120 | 5033 | 12.5 |
| 06C | 391247 | 761507 | 06/14/1974 | 900 | 12.5 | 11.73 | | 9 | XIG2849 | 10120 | 5033 | 12.5 |
| 06C | 391247 | 761507 | 07/31/1974 | 912 | .0 | 46.00 | | 9 | XIG2849 | 10120 | 5033 | 11.8 |
| 06C | 391247 | 761507 | 07/31/1974 | 910 | 2.0 | 5.28 | | 9 | XIG2849 | 10120 | 5033 | 11.8 |
| 06C | 391247 | 761507 | 07/31/1974 | 908 | 4.0 | 5.04 | | 9 | XIG2849 | 10120 | 5033 | 11.8 |
| 06C | 391247 | 761507 | 07/31/1974 | 906 | 6.0 | 8.90 | | 9 | XIG2849 | 10120 | 5033 | 11.8 |
| 06C | 391247 | 761507 | 07/31/1974 | 904 | 8.0 | 12.32 | | 9 | XIG2849 | 10120 | 5033 | 11.8 |
| 06C | 391247 | 761507 | 07/31/1974 | 902 | 10.0 | | | 9 | XIG2849 | 10120 | 5033 | 11.8 |
| 06C | 391247 | 761507 | 07/31/1974 | 900 | 10.8 | 14.48 | | 9 | XIG2849 | 10120 | 5033 | 11.8 |
| 06C | 391247 | 761507 | 09/19/1974 | 904 | .0 | 6.68 | | 9 | XIG2849 | 10120 | 5033 | |
| 06C | 391247 | 761507 | 09/19/1974 | 902 | 2.0 | 5.51 | | 9 | XIG2849 | 10120 | 5033 | |
| 06C | 391247 | 761507 | 09/19/1974 | 900 | 4.0 | 4.86 | | 9 | XIG2849 | 10120 | 5033 | |
| 06C | 391247 | 761507 | 09/19/1974 | 858 | 6.0 | 7.11 | | 9 | XIG2849 | 10120 | 5033 | |
| 06C | 391247 | 761507 | 09/19/1974 | 856 | 8.0 | 13.89 | | 9 | XIG2849 | 10120 | 5033 | |
| 06C | 391247 | 761507 | 09/19/1974 | 854 | 10.0 | 17.40 | | 9 | XIG2849 | 10120 | 5033 | |
| 06C | 391247 | 761507 | 09/19/1974 | 852 | 12.0 | 44.34 | | 9 | XIG2849 | 10120 | 5033 | |
| 06C | 391247 | 761507 | 09/19/1974 | 850 | 13.0 | | | 9 | XIG2849 | 10120 | 5033 | |
| 06C | 391247 | 761507 | 11/25/1974 | 1602 | .0 | 3.36 | | 9 | XIG2849 | 10120 | 5033 | 13.5 |
| 06C | 391247 | 761507 | 11/25/1974 | 1600 | 2.0 | 3.60 | | 9 | XIG2849 | 10120 | 5033 | 13.5 |
| 06C | 391247 | 761507 | 11/25/1974 | 1558 | 4.0 | 3.60 | | 9 | XIG2849 | 10120 | 5033 | 13.5 |
| 06C | 391247 | 761507 | 11/25/1974 | 1556 | 6.0 | 4.63 | | 9 | XIG2849 | 10120 | 5033 | 13.5 |
| 06C | 391247 | 761507 | 11/25/1974 | 1554 | 8.0 | 7.74 | | 9 | XIG2849 | 10120 | 5033 | 13.5 |
| 06C | 391247 | 761507 | 11/25/1974 | 1552 | 10.0 | 12.13 | | 9 | XIG2849 | 10120 | 5033 | 13.5 |
| 06C | 391247 | 761507 | 11/25/1974 | 1550 | 13.0 | 11.65 | | 9 | XIG2849 | 10120 | 5033 | 13.5 |
| 07A | 391528 | 763423 | 12/13/1973 | 1435 | .0 | 8.30 | 26.2 | 3 | XIE5556 | 09210 | 5192 | 7.6 |
| 07A | 391528 | 763423 | 12/13/1973 | 1445 | 2.0 | 7.16 | 26.2 | 3 | XIE5556 | 09210 | 5192 | 7.6 |
| 07A | 391528 | 763423 | 12/13/1973 | 1455 | 4.0 | 8.08 | 28.5 | 3 | XIE5556 | 09210 | 5192 | 7.6 |
| 07A | 391528 | 763423 | 12/13/1973 | 1510 | 6.5 | 7.50 | 23.9 | 3 | XIE5556 | 09210 | 5192 | 7.6 |
| 07A | 391528 | 763423 | 01/23/1974 | 1208 | .0 | | | | XIE5556 | 09210 | 5192 | 9.5 |
| 07A | 391528 | 763423 | 01/23/1974 | 1206 | 2.0 | | | | XIE5556 | 09210 | 5192 | 9.5 |
| 07A | 391528 | 763423 | 01/23/1974 | 1204 | 4.0 | | | | XIE5556 | 09210 | 5192 | 9.5 |
| 07A | 391528 | 763423 | 01/23/1974 | 1202 | 6.0 | | | | XIE5556 | 09210 | 5192 | 9.5 |
| 07A | 391528 | 763423 | 01/23/1974 | 1200 | 8.0 | | | | XIE5556 | 09210 | 5192 | 9.5 |
| 07A | 391528 | 763423 | 01/24/1974 | 1015 | .0 | 11.14 | 22.4 | 3 | XIE5556 | 09210 | 5192 | 10.5 |
| 07A | 391528 | 763423 | 01/24/1974 | 1020 | 2.0 | | | 3 | XIE5556 | 09210 | 5192 | 10.5 |
| 07A | 391528 | 763423 | 01/24/1974 | 1050 | 4.0 | 10.30 | | 3 | XIE5556 | 09210 | 5192 | 10.5 |
| 07A | 391528 | 763423 | 01/24/1974 | 1110 | 6.0 | 8.32 | 19.5 | 3 | XIE5556 | 09210 | 5192 | 10.5 |

| STAT ION C202 | LATI TUDE C222 | LONGI TUDE C223 | DATE MM DD YY C203 | TIME HRS C204 | SAMPLE DEPT M C210 | T S SED MG-L C219 | S SED P ORGN C220 | VESSEL CODE C221 | DNR STATION C224 | MD GRID CODE E C225 | MD GRID CODE N C226 | STATION DEPT M C227 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 07A | 391528 | 763423 | 01/24/1974 | 1130 | 8.0 | 8.70 | | 3 | XIE5556 | 09210 | 5192 | 10.5 |
| 07A | 391528 | 763423 | 01/24/1974 | 1140 | 9.0 | 8.80 | 13.2 | 3 | XIE5556 | 09210 | 5192 | 10.5 |
| 07A | 391528 | 763423 | 03/21/1974 | 1310 | .0 | 9.47 | 22.3 | 3 | XIE5556 | 09210 | 5192 | 10.0 |
| 07A | 391528 | 763423 | 03/21/1974 | 1308 | 2.0 | 9.67 | | 3 | XIE5556 | 09210 | 5192 | 10.0 |
| 07A | 391528 | 763423 | 03/21/1974 | 1306 | 4.0 | 10.59 | | 3 | XIE5556 | 09210 | 5192 | 10.0 |
| 07A | 391528 | 763423 | 03/21/1974 | 1304 | 6.0 | 8.14 | 17.3 | 3 | XIE5556 | 09210 | 5192 | 10.0 |
| 07A | 391528 | 763423 | 03/21/1974 | 1302 | 8.0 | 7.85 | | 3 | XIE5556 | 09210 | 5192 | 10.0 |
| 07A | 391528 | 763423 | 03/21/1974 | 1300 | 9.0 | 8.30 | 1.2 | 3 | XIE5556 | 09210 | 5192 | 10.0 |
| 07A | 391528 | 763423 | 05/02/1974 | 1410 | .0 | 6.32 | | 3 | XIE5556 | 09210 | 5192 | 11.0 |
| 07A | 391528 | 763423 | 05/02/1974 | 1411 | .0 | | | 3 | XIE5556 | 09210 | 5192 | 11.0 |
| 07A | 391528 | 763423 | 05/02/1974 | 1408 | 2.0 | 5.23 | | 3 | XIE5556 | 09210 | 5192 | 11.0 |
| 07A | 391528 | 763423 | 05/02/1974 | 1409 | 2.0 | | | 3 | XIE5556 | 09210 | 5192 | 11.0 |
| 07A | 391528 | 763423 | 05/02/1974 | 1406 | 4.0 | 4.88 | | 3 | XIE5556 | 09210 | 5192 | 11.0 |
| 07A | 391528 | 763423 | 05/02/1974 | 1407 | 4.0 | | | 3 | XIE5556 | 09210 | 5192 | 11.0 |
| 07A | 391528 | 763423 | 05/02/1974 | 1404 | 6.0 | 5.13 | | 3 | XIE5556 | 09210 | 5192 | 11.0 |
| 07A | 391528 | 763423 | 05/02/1974 | 1405 | 6.0 | | | 3 | XIE5556 | 09210 | 5192 | 11.0 |
| 07A | 391528 | 763423 | 05/02/1974 | 1402 | 8.0 | 4.66 | | 3 | XIE5556 | 09210 | 5192 | 11.0 |
| 07A | 391528 | 763423 | 05/02/1974 | 1403 | 8.0 | | | 3 | XIE5556 | 09210 | 5192 | 11.0 |
| 07A | 391528 | 763423 | 05/02/1974 | 1401 | 10.0 | | | 3 | XIE5556 | 09210 | 5192 | 11.0 |
| 07A | 391528 | 763423 | 05/02/1974 | 1400 | 10.0 | 8.03 | | 3 | XIE5556 | 09210 | 5192 | 11.0 |
| 07A | 391528 | 763423 | 08/01/1974 | 918 | .7 | 11.66 | | 3 | XIE5556 | 09210 | 5192 | 9.7 |
| 07A | 391528 | 763423 | 08/01/1974 | 916 | 2.7 | 8.17 | | 3 | XIE5556 | 09210 | 5192 | 9.7 |
| 07A | 391528 | 763423 | 08/01/1974 | 914 | 4.7 | 6.48 | | 3 | XIE5556 | 09210 | 5192 | 9.7 |
| 07A | 391528 | 763423 | 08/01/1974 | 912 | 6.7 | 5.86 | | 3 | XIE5556 | 09210 | 5192 | 9.7 |
| 07A | 391528 | 763423 | 08/01/1974 | 910 | 8.7 | 6.26 | | 3 | XIE5556 | 09210 | 5192 | 9.7 |
| 07A | 391528 | 763423 | 09/18/1974 | 1433 | .0 | 7.39 | | 9 | XIE5556 | 09210 | 5192 | |
| 07A | 391528 | 763423 | 09/18/1974 | 1431 | 2.0 | 7.80 | | 9 | XIE5556 | 09210 | 5192 | |
| 07A | 391528 | 763423 | 09/18/1974 | 1429 | 4.0 | 6.06 | | 9 | XIE5556 | 09210 | 5192 | |
| 07A | 391528 | 763423 | 09/18/1974 | 1427 | 6.0 | 5.46 | | 9 | XIE5556 | 09210 | 5192 | |
| 07A | 391528 | 763423 | 09/18/1974 | 1425 | 8.0 | 4.44 | | 9 | XIE5556 | 09210 | 5192 | |
| 07A | 391528 | 763423 | 09/18/1974 | 1423 | 9.0 | | | 9 | XIE5556 | 09210 | 5192 | |
| 07A | 391528 | 763423 | 11/25/1974 | 1337 | .0 | 2.40 | | 9 | XIE5556 | 09210 | 5192 | 12.2 |
| 07A | 391528 | 763423 | 11/25/1974 | 1335 | 2.0 | 2.72 | | 9 | XIE5556 | 09210 | 5192 | 12.2 |
| 07A | 391528 | 763423 | 11/25/1974 | 1333 | 4.0 | 2.73 | | 9 | XIE5556 | 09210 | 5192 | 12.2 |
| 07A | 391528 | 763423 | 11/25/1974 | 1331 | 6.0 | 2.30 | | 9 | XIE5556 | 09210 | 5192 | 12.2 |
| 07A | 391528 | 763423 | 11/25/1974 | 1329 | 8.0 | 2.78 | | 9 | XIE5556 | 09210 | 5192 | 12.2 |
| 07A | 391528 | 763423 | 11/25/1974 | 1327 | 10.0 | 3.36 | | 9 | XIE5556 | 09210 | 5192 | 12.2 |
| 07A | 391528 | 763423 | 11/25/1974 | 1325 | 12.0 | 3.08 | | 9 | XIE5556 | 09210 | 5192 | 12.2 |
| 08A | 391049 | 762556 | 12/14/1973 | 1340 | .0 | 7.94 | | 3 | XIE0841 | 09610 | 4911 | 5.5 |
| 08A | 391049 | 762556 | 12/14/1973 | 1355 | 2.0 | 10.00 | | 3 | XIE0841 | 09610 | 4911 | 5.5 |
| 08A | 391049 | 762556 | 12/14/1973 | 1415 | 4.0 | 6.92 | | 3 | XIE0841 | 09610 | 4911 | 5.5 |
| 08A | 391049 | 762556 | 01/24/1974 | 1310 | .0 | 2.08 | | 3 | XIE0841 | 09610 | 4911 | 5.0 |
| 08A | 391049 | 762556 | 01/24/1974 | 1320 | 2.0 | 4.02 | | 3 | XIE0841 | 09610 | 4911 | 5.0 |
| 08A | 391049 | 762556 | 01/24/1974 | 1340 | 4.0 | 4.52 | | 3 | XIE0841 | 09610 | 4911 | 5.0 |
| 08A | 391049 | 762556 | 03/21/1974 | 1119 | .0 | 14.91 | | 3 | XIE0841 | 09610 | 4911 | 5.0 |
| 08A | 391049 | 762556 | 03/21/1974 | 1117 | 2.0 | 21.43 | 11.4 | 3 | XIE0841 | 09610 | 4911 | 5.0 |
| 08A | 391049 | 762556 | 03/21/1974 | 1115 | 4.0 | 14.95 | 15.4 | 3 | XIE0841 | 09610 | 4911 | 5.0 |
| 08A | 391049 | 762556 | 05/02/1974 | 1214 | .0 | | | 3 | XIE0841 | 09610 | 4911 | 5.0 |
| 08A | 391049 | 762556 | 05/02/1974 | 1214 | .0 | 9.02 | | 3 | XIE0841 | 09610 | 4911 | 5.0 |
| 08A | 391049 | 762556 | 05/02/1974 | 1212 | 2.0 | 9.49 | | 3 | XIE0841 | 09610 | 4911 | 5.0 |

| STAT ION C202 | LATI TUDE C222 | LONGI TUDE C223 | DATE MM DD YY C203 | TIME HRS C204 | SAMPLE DEPT M C210 | T S SED MG-L C219 | S SED P ORGN C220 | VESSEL CODE C221 | DNR STATION C224 | MD GRID CODE E C225 | MD GRID CODE N C226 | STATION DEPT M C227 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 08A | 391049 | 762556 | 05/02/1974 | 1212 | 2.0 | | | 3 | XIE0841 | 09610 | 4911 | 5.0 |
| 08A | 391049 | 762556 | 05/02/1974 | 1210 | 4.0 | 10.98 | | 3 | XIE0841 | 09610 | 4911 | 5.0 |
| 08A | 391049 | 762556 | 05/02/1974 | 1210 | 4.0 | | | 3 | XIE0841 | 09610 | 4911 | 5.0 |
| 08A | 391049 | 762556 | 06/14/1974 | 1006 | .0 | 5.48 | | 9 | XIE0841 | 09610 | 4911 | 6.6 |
| 08A | 391049 | 762556 | 06/14/1974 | 1004 | 2.0 | 4.25 | | 9 | XIE0841 | 09610 | 4911 | 6.6 |
| 08A | 391049 | 762556 | 06/14/1974 | 1002 | 4.0 | 4.83 | | 9 | XIE0841 | 09610 | 4911 | 6.6 |
| 08A | 391049 | 762556 | 06/14/1974 | 1000 | 5.6 | 6.30 | | 9 | XIE0841 | 09610 | 4911 | 6.6 |
| 08A | 391049 | 762556 | 08/01/1974 | 754 | .0 | 16.26 | | 3 | XIE0841 | 09610 | 4911 | 5.0 |
| 08A | 391049 | 762556 | 08/01/1974 | 752 | 2.0 | 6.28 | | 3 | XIE0841 | 09610 | 4911 | 5.0 |
| 08A | 391049 | 762556 | 08/01/1974 | 750 | 4.0 | 8.28 | | 3 | XIE0841 | 09610 | 4911 | 5.0 |
| 08A | 391049 | 762556 | 09/18/1974 | 1319 | .0 | 6.27 | | 9 | XIE0841 | 09610 | 4911 | |
| 08A | 391049 | 762556 | 09/18/1974 | 1317 | 2.0 | 6.03 | | 9 | XIE0841 | 09610 | 4911 | |
| 08A | 391049 | 762556 | 09/18/1974 | 1315 | 4.0 | 7.45 | | 9 | XIE0841 | 09610 | 4911 | |
| 08A | 391049 | 762556 | 11/25/1974 | 1229 | .0 | 3.29 | | 9 | XIE0841 | 09610 | 4911 | 4.0 |
| 08A | 391049 | 762556 | 11/25/1974 | 1227 | 2.0 | 2.92 | | 9 | XIE0841 | 09610 | 4911 | 4.0 |
| 08A | 391049 | 762556 | 11/25/1974 | 1225 | 4.0 | 4.20 | | 9 | XIE0841 | 09610 | 4911 | 4.0 |
| 08B | 390948 | 762230 | 12/14/1973 | 1231 | .0 | 7.08 | 22.5 | 3 | XHF9875 | 09772 | 4851 | 5.5 |
| 08B | 390948 | 762230 | 12/14/1973 | 1245 | 2.0 | 6.96 | 18.7 | 3 | XHF9875 | 09772 | 4851 | 5.5 |
| 08B | 390948 | 762230 | 12/14/1973 | 1250 | 4.5 | 4.16 | 12.8 | 3 | XHF9875 | 09772 | 4851 | 5.5 |
| 08B | 390948 | 762230 | 01/24/1974 | 1415 | .0 | 3.26 | 22.8 | | XHF9875 | 09772 | 4851 | 5.0 |
| 08B | 390948 | 762230 | 01/24/1974 | 1430 | 2.0 | 3.38 | 26.9 | 3 | XHF9875 | 09772 | 4851 | 5.0 |
| 08B | 390948 | 762230 | 01/24/1974 | 1435 | 4.0 | 3.60 | 24.7 | 3 | XHF9875 | 09772 | 4851 | 5.0 |
| 08B | 390948 | 762230 | 02/11/1974 | 1529 | .0 | 27.08 | 15.6 | 1 | XHF9875 | 09772 | 4851 | 5.1 |
| 08B | 390948 | 762230 | 02/11/1974 | 1527 | 2.0 | 27.65 | 13.8 | 1 | XHF9875 | 09772 | 4851 | 5.1 |
| 08B | 390948 | 762230 | 02/11/1974 | 1525 | 4.0 | 33.45 | 13.5 | 1 | XHF9875 | 09772 | 4851 | 5.1 |
| 08B | 390948 | 762230 | 03/21/1974 | 1144 | .0 | | | 3 | XHF9875 | 09772 | 4851 | 5.0 |
| 08B | 390948 | 762230 | 03/21/1974 | 1142 | 2.0 | | | 3 | XHF9875 | 09772 | 4851 | 5.0 |
| 08B | 390948 | 762230 | 03/21/1974 | 1140 | 4.0 | | | 3 | XHF9875 | 09772 | 4851 | 5.0 |
| 08B | 390948 | 762230 | 05/02/1974 | 1418 | .0 | | | 3 | XHF9875 | 09772 | 4851 | 5.0 |
| 08B | 390948 | 762230 | 05/02/1974 | 1420 | .0 | 12.17 | | 3 | XHF9875 | 09772 | 4851 | 5.0 |
| 08B | 390948 | 762230 | 05/02/1974 | 1414 | 2.0 | | | 3 | XHF9875 | 09772 | 4851 | 5.0 |
| 08B | 390948 | 762230 | 05/02/1974 | 1416 | 2.0 | 11.95 | | 3 | XHF9875 | 09772 | 4851 | 5.0 |
| 08B | 390948 | 762230 | 05/02/1974 | 1410 | 4.0 | | | 3 | XHF9875 | 09772 | 4851 | 5.0 |
| 08B | 390948 | 762230 | 05/02/1974 | 1412 | 4.0 | 26.97 | | 3 | XHF9875 | 09772 | 4851 | 5.0 |
| 08B | 390948 | 762230 | 06/12/1974 | 1136 | .0 | 3.65 | | 1 | XHF9875 | 09772 | 4851 | 6.1 |
| 08B | 390948 | 762230 | 06/12/1974 | 1134 | 2.0 | 3.25 | | 1 | XHF9875 | 09772 | 4851 | 6.1 |
| 08B | 390948 | 762230 | 06/12/1974 | 1132 | 3.5 | | | 1 | XHF9875 | 09772 | 4851 | 6.1 |
| 08B | 390948 | 762230 | 06/12/1974 | 1130 | 4.1 | 11.12 | | 1 | XHF9875 | 09772 | 4851 | 6.1 |
| 08B | 390948 | 762230 | 09/18/1974 | 1239 | .0 | 2.59 | | 9 | XHF9875 | 09772 | 4851 | |
| 08B | 390948 | 762230 | 09/18/1974 | 1237 | 2.0 | 3.36 | | 9 | XHF9875 | 09772 | 4851 | |
| 08B | 390948 | 762230 | 09/18/1974 | 1235 | 4.0 | 2.71 | | 9 | XHF9875 | 09772 | 4851 | |
| 08B | 390948 | 762230 | 09/18/1974 | 1232 | 6.0 | 6.78 | | 9 | XHF9875 | 09772 | 4851 | |
| 08B | 390948 | 762230 | 09/18/1974 | 1230 | 7.0 | | | 9 | XHF9875 | 09772 | 4851 | |
| 08B | 390948 | 762230 | 11/25/1974 | 1206 | .0 | 1.95 | | 9 | XHF9875 | 99772 | 4851 | 5.1 |
| 08B | 390948 | 762230 | 11/25/1974 | 1204 | 2.0 | 2.17 | | 9 | XHF9875 | 99772 | 4851 | 5.1 |
| 08B | 390948 | 762230 | 11/25/1974 | 1202 | 4.0 | 2.93 | | 9 | XHF9875 | 99772 | 4851 | 5.1 |
| 08B | 390948 | 762230 | 11/25/1974 | 1200 | 4.8 | 4.02 | | 9 | XHF9875 | 99772 | 4851 | 5.1 |
| 08C | 390847 | 761902 | 12/12/1973 | 1200 | .0 | | | | XHG8810 | 09937 | 4790 | 9.5 |
| 08C | 390847 | 761902 | 12/12/1973 | 1200 | 2.0 | | | | XHG8810 | 09937 | 4790 | 9.5 |
| 08C | 390847 | 761902 | 12/12/1973 | 1200 | 4.0 | | | | XHG8810 | 09937 | 4790 | 9.5 |

| STAT ION C202 | LATI TUDE C222 | LONGI TUDE C223 | DATE MM DD YY C203 | TIME HRS C204 | SAMPLE DEPT M C210 | T S SED MG-L C219 | S SED P ORGN C220 | VESSEL CODE C221 | DNR STATION C224 | MD GRID CODE E C225 | MD GRID CODE N C226 | STATION DEPT M C227 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 08C | 390847 | 761902 | 12/12/1973 | 1200 | 6.0 | | | | XHG8810 | 09937 | 4790 | 9.5 |
| 08C | 390847 | 761902 | 12/12/1973 | 1200 | 8.0 | | | | XHG8810 | 09937 | 4790 | 9.5 |
| 08C | 390847 | 761902 | 12/12/1973 | 1200 | 9.0 | | | | XHG8810 | 09937 | 4790 | 9.5 |
| 08C | 390847 | 761902 | 01/23/1974 | 848 | .0 | | | | XHG8810 | 09937 | 4790 | 9.4 |
| 08C | 390847 | 761902 | 01/23/1974 | 846 | 2.0 | | | | XHG8810 | 09937 | 4790 | 9.4 |
| 08C | 390847 | 761902 | 01/23/1974 | 844 | 4.0 | | | | XHG8810 | 09937 | 4790 | 9.4 |
| 08C | 390847 | 761902 | 01/23/1974 | 842 | 6.0 | | | | XHG8810 | 09937 | 4790 | 9.4 |
| 08C | 390847 | 761902 | 01/23/1974 | 840 | 8.4 | | | | XHG8810 | 09937 | 4790 | 9.4 |
| 08C | 390847 | 761902 | 02/11/1974 | 1458 | .0 | | | 1 | XHG8810 | 09937 | 4790 | 9.0 |
| 08C | 390847 | 761902 | 02/11/1974 | 1456 | 2.0 | | | 1 | XHG8810 | 09937 | 4790 | 9.0 |
| 08C | 390847 | 761902 | 02/11/1974 | 1454 | 4.0 | | | 1 | XHG8810 | 09937 | 4790 | 9.0 |
| 08C | 390847 | 761902 | 02/11/1974 | 1452 | 6.0 | | | 1 | XHG8810 | 09937 | 4790 | 9.0 |
| 08C | 390847 | 761902 | 02/11/1974 | 1450 | 8.0 | | | 1 | XHG8810 | 09937 | 4790 | 9.0 |
| 08C | 390847 | 761902 | 03/20/1974 | 845 | .0 | 12.65 | 4.0 | 2 | XHG8810 | 09937 | 4790 | 10.5 |
| 08C | 390847 | 761902 | 03/20/1974 | 843 | 2.0 | 12.65 | | 2 | XHG8810 | 09937 | 4790 | 10.5 |
| 08C | 390847 | 761902 | 03/20/1974 | 841 | 4.0 | 11.45 | | 2 | XHG8810 | 09937 | 4790 | 10.5 |
| 08C | 390847 | 761902 | 03/20/1974 | 839 | 6.0 | 13.95 | 15.6 | 2 | XHG8810 | 09937 | 4790 | 10.5 |
| 08C | 390847 | 761902 | 03/20/1974 | 837 | 8.0 | 16.00 | | 2 | XHG8810 | 09937 | 4790 | 10.5 |
| 08C | 390847 | 761902 | 03/20/1974 | 835 | 9.5 | 21.92 | 16.6 | 2 | XHG8810 | 09937 | 4790 | 10.5 |
| 08C | 390847 | 761902 | 05/02/1974 | 810 | .0 | 10.43 | | 3 | XHG8810 | 09937 | 4790 | 13.0 |
| 08C | 390847 | 761902 | 05/02/1974 | 808 | 2.0 | 8.58 | | 3 | XHG8810 | 09937 | 4790 | 13.0 |
| 08C | 390847 | 761902 | 05/02/1974 | 806 | 4.0 | 12.63 | | 3 | XHG8810 | 09937 | 4790 | 13.0 |
| 08C | 390847 | 761902 | 05/02/1974 | 804 | 6.0 | 14.43 | | 3 | XHG8810 | 09937 | 4790 | 13.0 |
| 08C | 390847 | 761902 | 05/02/1974 | 802 | 8.0 | 23.04 | | 3 | XHG8810 | 09937 | 4790 | 13.0 |
| 08C | 390847 | 761902 | 05/02/1974 | 800 | 10.0 | 27.55 | | 3 | XHG8810 | 09937 | 4790 | 13.0 |
| 08C | 390847 | 761902 | 06/12/1974 | 1040 | .0 | 4.62 | | 1 | XHG8810 | 09937 | 4790 | 10.7 |
| 08C | 390847 | 761902 | 06/12/1974 | 1038 | 2.0 | 3.80 | | 1 | XHG8810 | 09937 | 4790 | 10.7 |
| 08C | 390847 | 761902 | 06/12/1974 | 1036 | 4.0 | 2.58 | | 1 | XHG8810 | 09937 | 4790 | 10.7 |
| 08C | 390847 | 761902 | 06/12/1974 | 1034 | 6.0 | 2.75 | | 1 | XHG8810 | 09937 | 4790 | 10.7 |
| 08C | 390847 | 761902 | 06/12/1974 | 1032 | 8.0 | 2.38 | | 1 | XHG8810 | 09937 | 4790 | 10.7 |
| 08C | 390847 | 761902 | 06/12/1974 | 1030 | 9.0 | 2.38 | | 1 | XHG8810 | 09937 | 4790 | 10.7 |
| 08C | 390847 | 761902 | 07/31/1974 | 830 | .0 | 7.85 | | 9 | XHG8810 | 09937 | 4790 | 9.6 |
| 08C | 390847 | 761902 | 07/31/1974 | 828 | 2.0 | 3.51 | | 9 | XHG8810 | 09937 | 4790 | 9.6 |
| 08C | 390847 | 761902 | 07/31/1974 | 826 | 4.0 | 3.32 | | 9 | XHG8810 | 09937 | 4790 | 9.6 |
| 08C | 390847 | 761902 | 07/31/1974 | 824 | 6.0 | 5.14 | | 9 | XHG8810 | 09937 | 4790 | 9.6 |
| 08C | 390847 | 761902 | 07/31/1974 | 822 | 8.0 | | | 9 | XHG8810 | 09937 | 4790 | 9.6 |
| 08C | 390847 | 761902 | 07/31/1974 | 820 | 8.6 | 16.58 | | 9 | XHG8810 | 09937 | 4790 | 9.6 |
| 08C | 390847 | 761902 | 09/18/1974 | 1140 | .0 | 4.88 | | 9 | XHG8810 | 09937 | 4790 | |
| 08C | 390847 | 761902 | 09/18/1974 | 1138 | 2.0 | 4.30 | | 9 | XHG8810 | 09937 | 4790 | |
| 08C | 390847 | 761902 | 09/18/1974 | 1136 | 4.0 | 4.11 | | 9 | XHG8810 | 09937 | 4790 | |
| 08C | 390847 | 761902 | 09/18/1974 | 1134 | 6.0 | 19.94 | | 9 | XHG8810 | 09937 | 4790 | |
| 08C | 390847 | 761902 | 09/18/1974 | 1132 | 8.0 | 13.20 | | 9 | XHG8810 | 09937 | 4790 | |
| 08C | 390847 | 761902 | 09/18/1974 | 1130 | 9.0 | 25.54 | | 9 | XHG8810 | 09937 | 4790 | |
| 08C | 390847 | 761902 | 11/25/1974 | 1135 | .0 | 2.65 | | 9 | XHG8810 | 09937 | 4790 | 9.1 |
| 08C | 390847 | 761902 | 11/25/1974 | 1133 | 2.0 | 2.74 | | 9 | XHG8810 | 09937 | 4790 | 9.1 |
| 08C | 390847 | 761902 | 11/25/1974 | 1131 | 4.0 | 6.92 | | 9 | XHG8810 | 09937 | 4790 | 9.1 |
| 08C | 390847 | 761902 | 11/25/1974 | 1129 | 6.0 | 2.95 | | 9 | XHG8810 | 09937 | 4790 | 9.1 |
| 08C | 390847 | 761902 | 11/25/1974 | 1127 | 8.0 | 13.84 | | 9 | XHG8810 | 09937 | 4790 | 9.1 |
| 08C | 390847 | 761902 | 11/25/1974 | 1125 | 9.0 | 12.16 | | 9 | XHG8810 | 09937 | 4790 | 9.1 |
| 09A | 390411 | 761605 | 12/14/1973 | 930 | .0 | 3.88 | | 3 | XHG4239 | 10078 | 4510 | 9.8 |

| STAT ION C202 | LATI TUDE C222 | LONGI TUDE C223 | DATE MM DD YY C203 | TIME HRS C204 | SAMPLE DEPT M C210 | T S SED MG-L C219 | S SED P ORGN C220 | VESSEL CODE C221 | DNR STATION C224 | MD GRID CODE E C225 | MD GRID CODE N C226 | STATION DEPT M C227 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 09A | 390411 | 761605 | 12/14/1973 | 1015 | 2.0 | 3.72 | | 3 | XHG4239 | 10078 | 4510 | 9.8 |
| 09A | 390411 | 761605 | 12/14/1973 | 1028 | 4.0 | 3.04 | 6.5 | 3 | XHG4239 | 10078 | 4510 | 9.8 |
| 09A | 390411 | 761605 | 12/14/1973 | 1033 | 6.0 | 3.00 | | 3 | XHG4239 | 10078 | 4510 | 9.8 |
| 09A | 390411 | 761605 | 12/14/1973 | 1040 | 8.0 | 4.18 | 12.2 | 3 | XHG4239 | 10078 | 4510 | 9.8 |
| 09A | 390411 | 761605 | 01/24/1974 | 1530 | .0 | 2.16 | 21.4 | 3 | XHG4239 | 10078 | 4510 | 9.0 |
| 09A | 390411 | 761605 | 01/24/1974 | 1535 | 2.0 | 2.26 | | 3 | XHG4239 | 10078 | 4510 | 9.0 |
| 09A | 390411 | 761605 | 01/24/1974 | 1520 | 4.0 | 1.82 | 18.7 | 3 | XHG4239 | 10078 | 4510 | 9.0 |
| 09A | 390411 | 761605 | 01/24/1974 | 1615 | 6.0 | 2.10 | | 3 | XHG4239 | 10078 | 4510 | 9.0 |
| 09A | 390411 | 761605 | 01/24/1974 | 1620 | 8.0 | 2.90 | 18.6 | 3 | XHG4239 | 10078 | 4510 | 9.0 |
| 09A | 390411 | 761605 | 03/21/1974 | 821 | .0 | 8.67 | 17.4 | 3 | XHG4239 | 10078 | 4510 | 7.0 |
| 09A | 390411 | 761605 | 03/21/1974 | 819 | 2.0 | 9.00 | | 3 | XHG4239 | 10078 | 4510 | 7.0 |
| 09A | 390411 | 761605 | 03/21/1974 | 817 | 4.0 | 8.65 | 22.7 | 3 | XHG4239 | 10078 | 4510 | 7.0 |
| 09A | 390411 | 761605 | 03/21/1974 | 815 | 6.0 | 6.71 | 20.4 | 3 | XHG4239 | 10078 | 4510 | 7.0 |
| 09A | 390411 | 761605 | 05/02/1974 | 936 | .0 | 1.38 | | 3 | XHG4239 | 10078 | 4510 | 7.0 |
| 09A | 390411 | 761605 | 05/02/1974 | 934 | 2.0 | 2.95 | | 3 | XHG4239 | 10078 | 4510 | 7.0 |
| 09A | 390411 | 761605 | 05/02/1974 | 932 | 4.0 | 2.89 | | 3 | XHG4239 | 10078 | 4510 | 7.0 |
| 09A | 390411 | 761605 | 05/02/1974 | 930 | 6.0 | 4.66 | | 3 | XHG4239 | 10078 | 4510 | 7.0 |
| 09A | 390411 | 761605 | 06/14/1974 | 1108 | .0 | 2.08 | | 9 | XHG4239 | 10078 | 4510 | 9.4 |
| 09A | 390411 | 761605 | 06/14/1974 | 1106 | 2.0 | 2.19 | | 9 | XHG4239 | 10078 | 4510 | 9.4 |
| 09A | 390411 | 761605 | 06/14/1974 | 1104 | 4.0 | 2.16 | | 9 | XHG4239 | 10078 | 4510 | 9.4 |
| 09A | 390411 | 761605 | 06/14/1974 | 1102 | 6.0 | 2.39 | | 9 | XHG4239 | 10078 | 4510 | 9.4 |
| 09A | 390411 | 761605 | 06/14/1974 | 1100 | 8.4 | 1.81 | | 9 | XHG4239 | 10078 | 4510 | 9.4 |
| 09A | 390411 | 761605 | 07/31/1974 | 1618 | .0 | 2.97 | | 3 | XHG4239 | 10078 | 4510 | 8.8 |
| 09A | 390411 | 761605 | 07/31/1974 | 1616 | 1.7 | 2.46 | | 3 | XHG4239 | 10078 | 4510 | 8.8 |
| 09A | 390411 | 761605 | 07/31/1974 | 1614 | 3.7 | 3.28 | | 3 | XHG4239 | 10078 | 4510 | 8.8 |
| 09A | 390411 | 761605 | 07/31/1974 | 1612 | 5.7 | 3.08 | | 3 | XHG4239 | 10078 | 4510 | 8.8 |
| 09A | 390411 | 761605 | 07/31/1974 | 1610 | 7.7 | 6.14 | | 3 | XHG4239 | 10078 | 4510 | 8.8 |
| 09A | 390411 | 761605 | 09/18/1974 | 1013 | .0 | 3.79 | | 9 | XHG4239 | 10078 | 4510 | |
| 09A | 390411 | 761605 | 09/18/1974 | 1011 | 2.0 | 3.68 | | 9 | XHG4239 | 10078 | 4510 | |
| 09A | 390411 | 761605 | 09/18/1974 | 1009 | 4.0 | 2.16 | | 9 | XHG4239 | 10078 | 4510 | |
| 09A | 390411 | 761605 | 09/18/1974 | 1007 | 6.0 | 2.16 | | 9 | XHG4239 | 10078 | 4510 | |
| 09A | 390411 | 761605 | 09/18/1974 | 1005 | 8.0 | 3.22 | | 9 | XHG4239 | 10078 | 4510 | |
| 09A | 390411 | 761605 | 11/25/1974 | 1048 | .0 | 10.57 | | 9 | XHG4239 | 10078 | 4510 | 7.9 |
| 09A | 390411 | 761605 | 11/25/1974 | 1046 | 2.0 | 6.44 | | 9 | XHG4239 | 10078 | 4510 | 7.9 |
| 09A | 390411 | 761605 | 11/25/1974 | 1044 | 4.0 | 1.71 | | 9 | XHG4239 | 10078 | 4510 | 7.9 |
| 09A | 390411 | 761605 | 11/25/1974 | 1042 | 6.0 | 2.00 | | 9 | XHG4239 | 10078 | 4510 | 7.9 |
| 09A | 390411 | 761605 | 11/25/1974 | 1040 | 7.5 | 5.64 | | 9 | XHG4239 | 10078 | 4510 | 7.9 |
| 10A | 390231 | 762332 | 12/13/1973 | 1030 | .0 | 6.02 | | 3 | XHF2565 | 09726 | 4407 | 11.5 |
| 10A | 390231 | 762332 | 12/13/1973 | 1045 | 2.0 | 5.90 | | 3 | XHF2565 | 09726 | 4407 | 11.5 |
| 10A | 390231 | 762332 | 12/13/1973 | 1100 | 4.0 | 9.52 | | 3 | XHF2565 | 09726 | 4407 | 11.5 |
| 10A | 390231 | 762332 | 12/13/1973 | 1120 | 6.0 | 9.66 | | 3 | XHF2565 | 09726 | 4407 | 11.5 |
| 10A | 390231 | 762332 | 12/13/1973 | 1140 | 8.0 | 9.34 | | 3 | XHF2565 | 09726 | 4407 | 11.5 |
| 10A | 390231 | 762332 | 12/13/1973 | 1200 | 10.0 | 13.84 | | 3 | XHF2565 | 09726 | 4407 | 11.5 |
| 10A | 390231 | 762332 | 12/13/1973 | 1220 | 11.0 | 13.16 | | 3 | XHF2565 | 09726 | 4407 | 11.5 |
| 10A | 390231 | 762332 | 01/23/1974 | 1708 | .0 | 3.02 | | 3 | XHF2565 | 09726 | 4407 | 9.0 |
| 10A | 390231 | 762332 | 01/23/1974 | 1706 | 2.0 | 3.92 | | 3 | XHF2565 | 09726 | 4407 | 9.0 |
| 10A | 390231 | 762332 | 01/23/1974 | 1704 | 4.0 | 5.74 | | 3 | XHF2565 | 09726 | 4407 | 9.0 |
| 10A | 390231 | 762332 | 01/23/1974 | 1702 | 6.0 | 15.74 | | 3 | XHF2565 | 09726 | 4407 | 9.0 |
| 10A | 390231 | 762332 | 01/23/1974 | 1700 | 8.0 | 37.58 | | 3 | XHF2565 | 09726 | 4407 | 9.0 |
| 10A | 390231 | 762332 | 02/11/1974 | 1258 | .0 | 7.05 | | 1 | XHF2565 | 09726 | 4407 | 12.0 |

| STATION C202 | LATITUDE C222 | LONGITUDE C223 | DATE MM DD YY C203 | TIME HRS C204 | SAMPLE DEPT M C210 | T S SED MG-L C219 | S SED P ORGN C220 | VESSEL CODE C221 | DNR STATION C224 | MD GRID CODE E C225 | MD GRID CODE N C226 | STATION DEPT M C227 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 10A | 390231 | 762332 | 02/11/1974 | 1256 | 2.0 | 6.70 | | 1 | XHF2565 | 09726 | 4407 | 12.0 |
| 10A | 390231 | 762332 | 02/11/1974 | 1254 | 4.0 | 6.15 | | 1 | XHF2565 | 09726 | 4407 | 12.0 |
| 10A | 390231 | 762332 | 02/11/1974 | 1252 | 6.0 | 5.72 | | 1 | XHF2565 | 09726 | 4407 | 12.0 |
| 10A | 390231 | 762332 | 02/11/1974 | 1250 | 8.0 | 7.70 | | 1 | XHF2565 | 09726 | 4407 | 12.0 |
| 10A | 390231 | 762332 | 03/20/1974 | 1240 | .0 | 11.80 | | 3 | XHF2565 | 09726 | 4407 | 10.7 |
| 10A | 390231 | 762332 | 03/20/1974 | 1238 | 2.0 | 11.19 | | 3 | XHF2565 | 09726 | 4407 | 10.7 |
| 10A | 390231 | 762332 | 03/20/1974 | 1236 | 4.0 | 10.52 | | 3 | XHF2565 | 09726 | 4407 | 10.7 |
| 10A | 390231 | 762332 | 03/20/1974 | 1234 | 6.0 | 11.08 | | 3 | XHF2565 | 09726 | 4407 | 10.7 |
| 10A | 390231 | 762332 | 03/20/1974 | 1232 | 8.0 | 13.97 | | 3 | XHF2565 | 09726 | 4407 | 10.7 |
| 10A | 390231 | 762332 | 03/20/1974 | 1230 | 9.0 | 17.42 | | 3 | XHF2565 | 09726 | 4407 | 10.7 |
| 10A | 390231 | 762332 | 05/01/1974 | 1538 | .0 | 4.34 | | 3 | XHF2565 | 09726 | 4407 | 8.8 |
| 10A | 390231 | 762332 | 05/01/1974 | 1536 | 2.0 | 4.84 | | 3 | XHF2565 | 09726 | 4407 | 8.8 |
| 10A | 390231 | 762332 | 05/01/1974 | 1534 | 4.0 | 4.19 | | 3 | XHF2565 | 09726 | 4407 | 8.8 |
| 10A | 390231 | 762332 | 05/01/1974 | 1532 | 6.0 | 4.56 | | 3 | XHF2565 | 09726 | 4407 | 8.8 |
| 10A | 390231 | 762332 | 05/01/1974 | 1530 | 8.0 | 23.84 | | 3 | XHF2565 | 09726 | 4407 | 8.8 |
| 10A | 390231 | 762332 | 06/14/1974 | 1157 | .0 | 1.82 | | 9 | XHF2565 | 09726 | 4407 | 13.0 |
| 10A | 390231 | 762332 | 06/14/1974 | 1155 | 2.0 | 2.11 | | 9 | XHF2565 | 09726 | 4407 | 13.0 |
| 10A | 390231 | 762332 | 06/14/1974 | 1153 | 4.0 | 1.97 | | 9 | XHF2565 | 09726 | 4407 | 13.0 |
| 10A | 390231 | 762332 | 06/14/1974 | 1151 | 6.0 | 2.70 | | 9 | XHF2565 | 09726 | 4407 | 13.0 |
| 10A | 390231 | 762332 | 06/14/1974 | 1149 | 8.0 | 2.10 | | 9 | XHF2565 | 09726 | 4407 | 13.0 |
| 10A | 390231 | 762332 | 06/14/1974 | 1147 | 10.0 | 2.38 | | 9 | XHF2565 | 09726 | 4407 | 13.0 |
| 10A | 390231 | 762332 | 06/14/1974 | 1145 | 12.0 | 3.15 | | 9 | XHF2565 | 09726 | 4407 | 13.0 |
| 10A | 390231 | 762332 | 07/31/1974 | 1243 | 1.0 | 11.02 | | 3 | XHF2565 | 09726 | 4407 | 10.0 |
| 10A | 390231 | 762332 | 07/31/1974 | 1241 | 3.0 | 5.62 | | 3 | XHF2565 | 09726 | 4407 | 10.0 |
| 10A | 390231 | 762332 | 07/31/1974 | 1239 | 5.0 | 5.20 | | 3 | XHF2565 | 09726 | 4407 | 10.0 |
| 10A | 390231 | 762332 | 07/31/1974 | 1237 | 7.0 | 9.31 | | 3 | XHF2565 | 09726 | 4407 | 10.0 |
| 10A | 390231 | 762332 | 07/31/1974 | 1235 | 9.0 | 13.14 | | 3 | XHF2565 | 09726 | 4407 | 10.0 |
| 10A | 390231 | 762332 | 09/18/1974 | 912 | .0 | 4.56 | | 9 | XHF2565 | 09726 | 4407 | |
| 10A | 390231 | 762332 | 09/18/1974 | 910 | 2.0 | 4.78 | | 9 | XHF2565 | 09726 | 4407 | |
| 10A | 390231 | 762332 | 09/18/1974 | 908 | 4.0 | 9.38 | | 9 | XHF2565 | 09726 | 4407 | |
| 10A | 390231 | 762332 | 09/18/1974 | 906 | 6.0 | 8.16 | | 9 | XHF2565 | 09726 | 4407 | |
| 10A | 390231 | 762332 | 09/18/1974 | 904 | 8.0 | 9.54 | | 9 | XHF2565 | 09726 | 4407 | |
| 10A | 390231 | 762332 | 09/18/1974 | 902 | 10.0 | 9.78 | | 9 | XHF2565 | 09726 | 4407 | |
| 10A | 390231 | 762332 | 09/18/1974 | 900 | 11.0 | | | 9 | XHF2565 | 09726 | 4407 | |
| 10A | 390231 | 762332 | 11/25/1974 | 931 | .0 | 2.42 | | 9 | XHF2565 | 09726 | 4407 | 9.0 |
| 10A | 390231 | 762332 | 11/25/1974 | 929 | 2.0 | 1.91 | | 9 | XHF2565 | 09726 | 4407 | 9.0 |
| 10A | 390231 | 762332 | 11/25/1974 | 927 | 4.0 | 1.42 | | 9 | XHF2565 | 09726 | 4407 | 9.0 |
| 10A | 390231 | 762332 | 11/25/1974 | 925 | 6.0 | 2.51 | | 9 | XHF2565 | 09726 | 4407 | 9.0 |
| 10A | 390231 | 762332 | 11/25/1974 | 922 | 8.0 | 3.32 | | 9 | XHF2565 | 09726 | 4407 | 9.0 |
| 10A | 390231 | 762332 | 11/25/1974 | 920 | 9.0 | 4.31 | | 9 | XHF2565 | 09726 | 4407 | 9.0 |
| 10B | 390227 | 762136 | 12/12/1973 | 1255 | .0 | 6.90 | 20.6 | 2 | XHF2584 | 09817 | 4403 | 11.6 |
| 10B | 390227 | 762136 | 12/12/1973 | 1253 | 2.0 | 6.74 | | 2 | XHF2584 | 09817 | 4403 | 11.6 |
| 10B | 390227 | 762136 | 12/12/1973 | 1251 | 4.0 | 6.64 | | 2 | XHF2584 | 09817 | 4403 | 11.6 |
| 10B | 390227 | 762136 | 12/12/1973 | 1249 | 6.0 | 6.00 | | 2 | XHF2584 | 09817 | 4403 | 11.6 |
| 10B | 390227 | 762136 | 12/12/1973 | 1247 | 8.0 | 4.78 | | 2 | XHF2584 | 09817 | 4403 | 11.6 |
| 10B | 390227 | 762136 | 12/12/1973 | 1245 | 10.0 | 12.86 | 10.4 | 2 | XHF2584 | 09817 | 4403 | 11.6 |
| 10B | 390227 | 762136 | 12/13/1973 | 845 | .0 | 4.06 | 23.3 | 3 | XHF2584 | 09817 | 4403 | 11.6 |
| 10B | 390227 | 762136 | 12/13/1973 | 855 | 2.0 | 4.24 | | 3 | XHF2584 | 09817 | 4403 | 11.6 |
| 10B | 390227 | 762136 | 12/13/1973 | 910 | 4.0 | 4.56 | | 3 | XHF2584 | 09817 | 4403 | 11.6 |
| 10B | 390227 | 762136 | 12/13/1973 | 920 | 6.0 | 6.44 | | 3 | XHF2584 | 09817 | 4403 | 11.6 |

| STAT ION C202 | LATI TUDE C222 | LONGI TUDE C223 | DATE MM DD YY C203 | TIME HRS C204 | SAMPLE DEPT M C210 | T S SED MG-L C219 | S SED P ORGN C220 | VESSEL CODE C221 | DNR STATION C224 | MD GRID CODE E C225 | MD GRID CODE N C226 | STATION DEPT M C227 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 10B | 390227 | 762136 | 12/13/1973 | 930 | 8.0 | 10.62 | | 3 | XHF2584 | 09817 | 4403 | 11.6 |
| 10B | 390227 | 762136 | 12/13/1973 | 950 | 10.0 | 15.46 | 13.3 | 3 | XHF2584 | 09817 | 4403 | 11.6 |
| 10B | 390227 | 762136 | 01/23/1974 | 1635 | .0 | 2.74 | 20.6 | 3 | XHF2584 | 09817 | 4403 | 11.0 |
| 10B | 390227 | 762136 | 01/23/1974 | 1540 | .0 | | | | XHF2584 | 09817 | 4403 | 12.8 |
| 10B | 390227 | 762136 | 01/23/1974 | 1538 | 2.0 | | | | XHF2584 | 09817 | 4403 | 12.8 |
| 10B | 390227 | 762136 | 01/23/1974 | 1700 | 2.0 | 3.58 | | 3 | XHF2584 | 09817 | 4403 | 11.0 |
| 10B | 390227 | 762136 | 01/23/1974 | 1536 | 4.0 | | | | XHF2584 | 09817 | 4403 | 12.8 |
| 10B | 390227 | 762136 | 01/23/1974 | 1705 | 4.0 | 2.38 | | 3 | XHF2584 | 09817 | 4403 | 11.0 |
| 10B | 390227 | 762136 | 01/23/1974 | 1715 | 6.0 | 2.48 | 19.4 | 3 | XHF2584 | 09817 | 4403 | 11.0 |
| 10B | 390227 | 762136 | 01/23/1974 | 1534 | 6.0 | | | | XHF2584 | 09817 | 4403 | 12.8 |
| 10B | 390227 | 762136 | 01/23/1974 | 1532 | 8.0 | | | | XHF2584 | 09817 | 4403 | 12.8 |
| 10B | 390227 | 762136 | 01/23/1974 | 1720 | 8.0 | 9.44 | | 3 | XHF2584 | 09817 | 4403 | 11.0 |
| 10B | 390227 | 762136 | 01/23/1974 | 1530 | 10.0 | | | | XHF2584 | 09817 | 4403 | 12.8 |
| 10B | 390227 | 762136 | 01/23/1974 | 1725 | 10.0 | 29.96 | 13.8 | 3 | XHF2584 | 09817 | 4403 | 11.0 |
| 10B | 390227 | 762136 | 02/11/1974 | 1330 | .0 | 5.32 | 27.2 | 1 | XHF2584 | 09817 | 4403 | 12.0 |
| 10B | 390227 | 762136 | 02/11/1974 | 1328 | 2.0 | 4.52 | | 1 | XHF2584 | 09817 | 4403 | 12.0 |
| 10B | 390227 | 762136 | 02/11/1974 | 1326 | 4.0 | 5.40 | | 1 | XHF2584 | 09817 | 4403 | 12.0 |
| 10B | 390227 | 762136 | 02/11/1974 | 1324 | 6.0 | 4.40 | | 1 | XHF2584 | 09817 | 4403 | 12.0 |
| 10B | 390227 | 762136 | 02/11/1974 | 1322 | 8.0 | 4.40 | | 1 | XHF2584 | 09817 | 4403 | 12.0 |
| 10B | 390227 | 762136 | 02/11/1974 | 1320 | 10.0 | 4.48 | 30.2 | 1 | XHF2584 | 09817 | 4403 | 12.0 |
| 10B | 390227 | 762136 | 03/20/1974 | 940 | .0 | 13.08 | 15.4 | 1 | XHF2584 | 09817 | 4403 | 11.5 |
| 10B | 390227 | 762136 | 03/20/1974 | 1352 | .0 | 12.58 | 15.6 | 3 | XHF2584 | 09817 | 4403 | 13.0 |
| 10B | 390227 | 762136 | 03/20/1974 | 1350 | 2.0 | 12.31 | 15.6 | 3 | XHF2584 | 09817 | 4403 | 13.0 |
| 10B | 390227 | 762136 | 03/20/1974 | 938 | 2.0 | 12.26 | | 1 | XHF2584 | 09817 | 4403 | 11.5 |
| 10B | 390227 | 762136 | 03/20/1974 | 936 | 4.0 | 11.70 | | 1 | XHF2584 | 09817 | 4403 | 11.5 |
| 10B | 390227 | 762136 | 03/20/1974 | 1348 | 4.0 | 11.98 | 15.6 | 3 | XHF2584 | 09817 | 4403 | 13.0 |
| 10B | 390227 | 762136 | 03/20/1974 | 934 | 6.0 | 11.38 | 17.2 | 1 | XHF2584 | 09817 | 4403 | 11.5 |
| 10B | 390227 | 762136 | 03/20/1974 | 1346 | 6.0 | 5.85 | 13.3 | 3 | XHF2584 | 09817 | 4403 | 13.0 |
| 10B | 390227 | 762136 | 03/20/1974 | 932 | 8.0 | 11.86 | | 1 | XHF2584 | 09817 | 4403 | 11.5 |
| 10B | 390227 | 762136 | 03/20/1974 | 1344 | 8.0 | 12.64 | | 3 | XHF2584 | 09817 | 4403 | 13.0 |
| 10B | 390227 | 762136 | 03/20/1974 | 930 | 10.0 | 11.82 | 20.3 | 1 | XHF2584 | 09817 | 4403 | 11.5 |
| 10B | 390227 | 762136 | 03/20/1974 | 1342 | 10.0 | 37.59 | | 3 | XHF2584 | 09817 | 4403 | 13.0 |
| 10B | 390227 | 762136 | 03/20/1974 | 1340 | 12.0 | 56.20 | 13.2 | 3 | XHF2584 | 09817 | 4403 | 13.0 |
| 10B | 390227 | 762136 | 05/02/1974 | 1005 | .0 | 5.44 | | 1 | XHF2584 | 09817 | 4403 | 12.1 |
| 10B | 390227 | 762136 | 05/02/1974 | 742 | .0 | 3.40 | | 3 | XHF2584 | 09817 | 4403 | 11.9 |
| 10B | 390227 | 762136 | 05/02/1974 | 740 | 2.0 | 4.23 | | 3 | XHF2584 | 09817 | 4403 | 11.9 |
| 10B | 390227 | 762136 | 05/02/1974 | 1003 | 2.0 | 5.74 | | 1 | XHF2584 | 09817 | 4403 | 12.1 |
| 10B | 390227 | 762136 | 05/02/1974 | 738 | 4.0 | 3.44 | | 3 | XHF2584 | 09817 | 4403 | 11.9 |
| 10B | 390227 | 762136 | 05/02/1974 | 1001 | 4.0 | 5.48 | | 1 | XHF2584 | 09817 | 4403 | 12.1 |
| 10B | 390227 | 762136 | 05/02/1974 | 736 | 6.0 | 4.23 | | 3 | XHF2584 | 09817 | 4403 | 11.9 |
| 10B | 390227 | 762136 | 05/02/1974 | 959 | 6.0 | 5.34 | | 1 | XHF2584 | 09817 | 4403 | 12.1 |
| 10B | 390227 | 762136 | 05/02/1974 | 734 | 8.0 | 3.16 | | 3 | XHF2584 | 09817 | 4403 | 11.9 |
| 10B | 390227 | 762136 | 05/02/1974 | 957 | 8.0 | 5.94 | | 1 | XHF2584 | 09817 | 4403 | 12.1 |
| 10B | 390227 | 762136 | 05/02/1974 | 732 | 10.0 | 9.46 | | 3 | XHF2584 | 09817 | 4403 | 11.9 |
| 10B | 390227 | 762136 | 05/02/1974 | 730 | 11.0 | 6.52 | | 3 | XHF2584 | 09817 | 4403 | 11.9 |
| 10B | 390227 | 762136 | 05/02/1974 | 955 | 11.0 | 7.36 | | 1 | XHF2584 | 09817 | 4403 | 12.1 |
| 10B | 390227 | 762136 | 06/12/1974 | 907 | .0 | 1.72 | | 1 | XHF2584 | 09817 | 4403 | 12.0 |
| 10B | 390227 | 762136 | 06/12/1974 | 905 | 2.0 | 1.72 | | 1 | XHF2584 | 09817 | 4403 | 12.0 |
| 10B | 390227 | 762136 | 06/12/1974 | 903 | 4.0 | 2.35 | | 1 | XHF2584 | 09817 | 4403 | 12.0 |
| 10B | 390227 | 762136 | 06/12/1974 | 901 | 6.0 | 1.88 | | 1 | XHF2584 | 09817 | 4403 | 12.0 |

| STAT ION C202 | LATI TUDE C222 | LONGI TUDE C223 | DATE MM DD YY C203 | TIME HRS C204 | SAMPLE DEPT M C210 | T S SED MG-L C219 | S SED P ORGN C220 | VESSEL CODE C221 | DNR STATION C224 | MD GRID CODE E C225 | MD GRID CODE N C226 | STATION DEPT M C227 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 10B | 390227 | 762136 | 06/12/1974 | 859 | 8.0 | 1.96 | | 1 | XHF2584 | 09817 | 4403 | 12.0 |
| 10B | 390227 | 762136 | 06/12/1974 | 857 | 10.0 | | | 1 | XHF2584 | 09817 | 4403 | 12.0 |
| 10B | 390227 | 762136 | 06/12/1974 | 855 | 11.0 | 1.16 | | 1 | XHF2584 | 09817 | 4403 | 12.0 |
| 10B | 390227 | 762136 | 07/31/1974 | 1340 | .0 | 5.46 | | 3 | XHF2584 | 09817 | 4403 | 11.0 |
| 10B | 390227 | 762136 | 07/31/1974 | 1338 | 2.0 | 3.28 | | 3 | XHF2584 | 09817 | 4403 | 11.0 |
| 10B | 390227 | 762136 | 07/31/1974 | 1336 | 4.0 | 2.68 | | 3 | XHF2584 | 09817 | 4403 | 11.0 |
| 10B | 390227 | 762136 | 07/31/1974 | 1334 | 6.0 | 3.66 | | 3 | XHF2584 | 09817 | 4403 | 11.0 |
| 10B | 390227 | 762136 | 07/31/1974 | 1332 | 8.0 | 6.57 | | 3 | XHF2584 | 09817 | 4403 | 11.0 |
| 10B | 390227 | 762136 | 07/31/1974 | 1330 | 10.0 | 11.02 | | 3 | XHF2584 | 09817 | 4403 | 11.0 |
| 10B | 390227 | 762136 | 09/18/1974 | 930 | .0 | 3.99 | | 9 | XHF2584 | 09817 | 4403 | |
| 10B | 390227 | 762136 | 09/18/1974 | 928 | 2.0 | 4.11 | | 9 | XHF2584 | 09817 | 4403 | |
| 10B | 390227 | 762136 | 09/18/1974 | 926 | 4.0 | 3.51 | | 9 | XHF2584 | 09817 | 4403 | |
| 10B | 390227 | 762136 | 09/18/1974 | 924 | 6.0 | 4.27 | | 9 | XHF2584 | 09817 | 4403 | |
| 10B | 390227 | 762136 | 09/18/1974 | 922 | 8.0 | 4.25 | | 9 | XHF2584 | 09817 | 4403 | |
| 10B | 390227 | 762136 | 09/18/1974 | 920 | 10.0 | 9.00 | | 9 | XHF2584 | 09817 | 4403 | |
| 10B | 390227 | 762136 | 09/18/1974 | 918 | 12.0 | 9.68 | | 9 | XHF2584 | 09817 | 4403 | |
| 10B | 390227 | 762136 | 11/25/1974 | 956 | .0 | 1.63 | | 9 | XHF2584 | 09817 | 4403 | 11.7 |
| 10B | 390231 | 762332 | 11/25/1974 | 954 | 2.0 | 1.42 | | 9 | XHF2565 | 09726 | 4407 | 9.0 |
| 10B | 390227 | 762136 | 11/25/1974 | 952 | 4.0 | 1.27 | | 9 | XHF2584 | 09817 | 4403 | 11.7 |
| 10B | 390227 | 762136 | 11/25/1974 | 950 | 6.0 | 1.62 | | 9 | XHF2584 | 09817 | 4403 | 11.7 |
| 10B | 390227 | 762136 | 11/25/1974 | 949 | 8.0 | 1.71 | | 9 | XHF2584 | 09817 | 4403 | 11.7 |
| 10B | 390227 | 762136 | 11/25/1974 | 947 | 10.0 | 2.53 | | 9 | XHF2584 | 09817 | 4403 | 11.7 |
| 10B | 390227 | 762136 | 11/25/1974 | 945 | 11.5 | 4.04 | | 9 | XHF2584 | 09817 | 4403 | 11.7 |
| 10C | 390223 | 761942 | 12/12/1973 | 1525 | .0 | 6.84 | | 3 | XHG2403 | 09908 | 4440 | 5.5 |
| 10C | 390223 | 761942 | 12/12/1973 | 1545 | 2.0 | 6.98 | | 3 | XHG2403 | 09908 | 4440 | 5.5 |
| 10C | 390223 | 761942 | 12/12/1973 | 1600 | 4.5 | 10.44 | | 3 | XHG2403 | 09908 | 4440 | 5.5 |
| 10C | 390223 | 761942 | 01/23/1974 | 1510 | .0 | 3.30 | | 3 | XHG2403 | 09908 | 4440 | 6.0 |
| 10C | 390223 | 761942 | 01/23/1974 | 1520 | 2.0 | 3.16 | | 3 | XHG2403 | 09908 | 4440 | 6.0 |
| 10C | 390223 | 761942 | 01/23/1974 | 1530 | 4.0 | 2.78 | | 3 | XHG2403 | 09908 | 4440 | 6.0 |
| 10C | 390223 | 761942 | 01/23/1974 | 1550 | 6.0 | 5.50 | | 3 | XHG2403 | 09908 | 4440 | 6.0 |
| 10C | 390223 | 761942 | 02/11/1974 | 1356 | .0 | 21.92 | | 1 | XHG2403 | 09908 | 4440 | 7.0 |
| 10C | 390223 | 761942 | 02/11/1974 | 1354 | 2.0 | 22.15 | | 1 | XHG2403 | 09908 | 4440 | 7.0 |
| 10C | 390223 | 761942 | 02/11/1974 | 1352 | 4.0 | 23.48 | | 1 | XHG2403 | 09908 | 4440 | 7.0 |
| 10C | 390223 | 761942 | 02/11/1974 | 1350 | 6.0 | 24.60 | | 1 | XHG2403 | 09908 | 4440 | 7.0 |
| 10C | 390223 | 761942 | 03/20/1974 | 1501 | .0 | 11.51 | | 3 | XHG2403 | 09908 | 4440 | 7.0 |
| 10C | 390223 | 761942 | 03/20/1974 | 1459 | 2.0 | 12.19 | | 3 | XHG2403 | 09908 | 4440 | 7.0 |
| 10C | 390223 | 761942 | 03/20/1974 | 1457 | 4.0 | 10.06 | | 3 | XHG2403 | 09908 | 4440 | 7.0 |
| 10C | 390223 | 761942 | 03/20/1974 | 1455 | 6.0 | 13.29 | | 3 | XHG2403 | 09908 | 4440 | 7.0 |
| 10C | 390223 | 761942 | 06/14/1974 | 1221 | .0 | 1.51 | | 9 | XHG2403 | 09908 | 4440 | 6.3 |
| 10C | 390223 | 761942 | 06/14/1974 | 1219 | 2.0 | 2.82 | | 9 | XHG2403 | 09908 | 4440 | 6.3 |
| 10C | 390223 | 761942 | 06/14/1974 | 1217 | 4.0 | 3.21 | | 9 | XHG2403 | 09908 | 4440 | 6.3 |
| 10C | 390223 | 761942 | 06/14/1974 | 1215 | 5.3 | 3.26 | | 9 | XHG2403 | 09908 | 4440 | 6.3 |
| 10C | 390223 | 761942 | 07/31/1974 | 1519 | .4 | 8.51 | | 3 | XHG2403 | 09908 | 4440 | 5.4 |
| 10C | 390223 | 761942 | 07/31/1974 | 1517 | 2.4 | 4.20 | | 3 | XHG2403 | 09908 | 4440 | 5.4 |
| 10C | 390223 | 761942 | 07/31/1974 | 1515 | 4.4 | 14.40 | | 3 | XHG2403 | 09908 | 4440 | 5.4 |
| 10C | 390223 | 761942 | 09/18/1974 | 948 | .0 | 5.07 | | 9 | XHG2403 | 09908 | 4440 | |
| 10C | 390223 | 761942 | 09/18/1974 | 946 | 2.0 | 4.72 | | 9 | XHG2403 | 09908 | 4440 | |
| 10C | 390223 | 761942 | 09/18/1974 | 944 | 4.0 | 5.03 | | 9 | XHG2403 | 09908 | 4440 | |
| 10C | 390223 | 761942 | 09/18/1974 | 942 | 6.0 | 11.38 | | 9 | XHG2403 | 09908 | 4440 | |
| 10C | 390223 | 761942 | 09/18/1974 | 940 | 7.0 | | | 9 | XHG2403 | 09908 | 4440 | |

| STAT ION C202 | LATI TUDE C222 | LONGI TUDE C223 | DATE MM DD YY C203 | TIME HRS C204 | SAMPLE DEPT M C210 | T S SED MG-L C219 | S SED P ORGN C220 | VESSEL CODE C221 | DNR STATION C224 | MD GRID CODE E C225 | MD GRID CODE N C226 | STATION DEPT M C227 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 10C | 390223 | 761942 | 11/25/1974 | 1016 | .0 | 4.51 | | 9 | XHG2403 | 09908 | 4440 | 6.0 |
| 10C | 390223 | 761942 | 11/25/1974 | 1014 | 2.0 | 1.84 | | 9 | XHG2403 | 09908 | 4440 | 6.0 |
| 10C | 390223 | 761942 | 11/25/1974 | 1012 | 4.0 | 2.07 | | 9 | XHG2403 | 09908 | 4440 | 6.0 |
| 10C | 390223 | 761942 | 11/25/1974 | 1010 | 6.0 | 27.70 | | 9 | XHG2403 | 09908 | 4440 | 6.0 |
| 11A | 385810 | 762458 | 12/12/1973 | 851 | .0 | 5.82 | | 2 | XGF8250 | 09660 | 4146 | 6.5 |
| 11A | 385810 | 762458 | 12/12/1973 | 930 | .0 | 5.92 | | 3 | XGF8250 | 09660 | 4146 | 6.5 |
| 11A | 385810 | 762458 | 12/12/1973 | 849 | 2.0 | 5.34 | | 2 | XGF8250 | 09660 | 4146 | 6.5 |
| 11A | 385810 | 762458 | 12/12/1973 | 945 | 2.0 | 6.26 | | 3 | XGF8250 | 09660 | 4146 | 6.5 |
| 11A | 385810 | 762458 | 12/12/1973 | 1000 | 4.0 | 6.34 | | 3 | XGF8250 | 09660 | 4146 | 6.5 |
| 11A | 385810 | 762458 | 12/12/1973 | 847 | 4.0 | 5.60 | | 2 | XGF8250 | 09660 | 4146 | 6.5 |
| 11A | 385810 | 762458 | 12/12/1973 | 845 | 5.0 | 5.72 | | 2 | XGF8250 | 09660 | 4146 | 6.5 |
| 11A | 385810 | 762458 | 12/12/1973 | 1020 | 6.0 | 6.44 | | 3 | XGF8250 | 09660 | 4146 | 6.5 |
| 11A | 385810 | 762458 | 01/23/1974 | 845 | .0 | 2.45 | | 3 | XGF8250 | 09660 | 4146 | 6.0 |
| 11A | 385810 | 762458 | 01/23/1974 | 738 | .0 | | | | XGF8250 | 09660 | 4146 | 8.5 |
| 11A | 385810 | 762458 | 01/23/1974 | 736 | 1.0 | | | | XGF8250 | 09660 | 4146 | 8.5 |
| 11A | 385810 | 762458 | 01/23/1974 | 858 | 2.0 | 2.86 | | 3 | XGF8250 | 09660 | 4146 | 6.0 |
| 11A | 385810 | 762458 | 01/23/1974 | 734 | 2.0 | | | | XGF8250 | 09660 | 4146 | 8.5 |
| 11A | 385810 | 762458 | 01/23/1974 | 732 | 4.0 | | | | XGF8250 | 09660 | 4146 | 8.5 |
| 11A | 385810 | 762458 | 01/23/1974 | 910 | 4.0 | 2.90 | | 3 | XGF8250 | 09660 | 4146 | 6.0 |
| 11A | 385810 | 762458 | 01/23/1974 | 920 | 5.0 | 7.98 | | 3 | XGF8250 | 09660 | 4146 | 6.0 |
| 11A | 385810 | 762458 | 01/23/1974 | 730 | 6.0 | | | | XGF8250 | 09660 | 4146 | 8.5 |
| 11A | 385810 | 762458 | 02/11/1974 | 1006 | .0 | 4.36 | | 1 | XGF8250 | 09660 | 4146 | 7.0 |
| 11A | 385810 | 762458 | 02/11/1974 | 1004 | 2.0 | 4.24 | | 1 | XGF8250 | 09660 | 4146 | 7.0 |
| 11A | 385810 | 762458 | 02/11/1974 | 1002 | 4.0 | 4.66 | | 1 | XGF8250 | 09660 | 4146 | 7.0 |
| 11A | 385810 | 762458 | 02/11/1974 | 1000 | 6.0 | 4.22 | | 1 | XGF8250 | 09660 | 4146 | 7.0 |
| 11A | 385810 | 762458 | 03/20/1974 | 853 | .0 | 8.96 | | 1 | XGF8250 | 09660 | 4146 | 6.6 |
| 11A | 385810 | 762458 | 03/20/1974 | 751 | .0 | 9.71 | | 3 | XGF8250 | 09660 | 4146 | 7.0 |
| 11A | 385810 | 762458 | 03/20/1974 | 851 | 2.0 | 8.76 | | 1 | XGF8250 | 09660 | 4146 | 6.6 |
| 11A | 385810 | 762458 | 03/20/1974 | 749 | 2.0 | 9.82 | | 3 | XGF8250 | 09660 | 4146 | 7.0 |
| 11A | 385810 | 762458 | 03/20/1974 | 747 | 4.0 | 9.55 | | 3 | XGF8250 | 09660 | 4146 | 7.0 |
| 11A | 385810 | 762458 | 03/20/1974 | 849 | 4.0 | 8.62 | | 1 | XGF8250 | 09660 | 4146 | 6.6 |
| 11A | 385810 | 762458 | 03/20/1974 | 745 | 6.0 | 11.00 | | 3 | XGF8250 | 09660 | 4146 | 7.0 |
| 11A | 385810 | 762458 | 03/20/1974 | 847 | 6.0 | 9.34 | | 1 | XGF8250 | 09660 | 4146 | 6.6 |
| 11A | 385810 | 762458 | 03/20/1974 | 845 | 6.6 | | | 1 | XGF8250 | 09660 | 4146 | 6.6 |
| 11A | 385810 | 762458 | 05/01/1974 | 813 | .0 | 4.11 | | 3 | XGF8250 | 09660 | 4146 | 9.0 |
| 11A | 385810 | 762458 | 05/01/1974 | 811 | 2.0 | 4.42 | | 3 | XGF8250 | 09660 | 4146 | 9.0 |
| 11A | 385810 | 762458 | 05/01/1974 | 809 | 4.0 | 4.06 | | 3 | XGF8250 | 09660 | 4146 | 9.0 |
| 11A | 385810 | 762458 | 05/01/1974 | 807 | 6.0 | 5.74 | | 3 | XGF8250 | 09660 | 4146 | 9.0 |
| 11A | 385810 | 762458 | 05/01/1974 | 805 | 8.0 | 14.14 | | 3 | XGF8250 | 09660 | 4146 | 9.0 |
| 11A | 385810 | 762458 | 05/02/1974 | 719 | .0 | 10.38 | | 1 | XGF8250 | 09660 | 4146 | |
| 11A | 385810 | 762458 | 05/02/1974 | 717 | 2.0 | 10.16 | | 1 | XGF8250 | 09660 | 4146 | |
| 11A | 385810 | 762458 | 05/02/1974 | 715 | 4.7 | 10.48 | | 1 | XGF8250 | 09660 | 4146 | |
| 11A | 385810 | 762458 | 06/12/1974 | 806 | .0 | 1.95 | | 1 | XGF8250 | 09660 | 4146 | 7.9 |
| 11A | 385810 | 762458 | 06/12/1974 | 804 | 2.0 | 2.72 | | 1 | XGF8250 | 09660 | 4146 | 7.9 |
| 11A | 385810 | 762458 | 06/12/1974 | 802 | 4.0 | 3.20 | | 1 | XGF8250 | 09660 | 4146 | 7.9 |
| 11A | 385810 | 762458 | 06/12/1974 | 800 | 6.0 | 3.66 | | 1 | XGF8250 | 09660 | 4146 | 7.9 |
| 11A | 385810 | 762458 | 07/31/1974 | 719 | .4 | 6.42 | | 3 | XGF8250 | 09660 | 4146 | 5.5 |
| 11A | 385810 | 762458 | 07/31/1974 | 717 | 2.4 | 7.15 | | 3 | XGF8250 | 09660 | 4146 | 5.5 |
| 11A | 385810 | 762458 | 07/31/1974 | 715 | 4.4 | 7.38 | | 3 | XGF8250 | 09660 | 4146 | 5.5 |
| 11A | 385810 | 762458 | 09/18/1974 | 730 | .0 | 7.34 | | 9 | XGF8250 | 09660 | 4146 | |

| STAT ION C202 | LATI TUDE C222 | LONGI TUDE C223 | DATE MM DD YY C203 | TIME HRS C204 | SAMPLE DEPT M C210 | T S SED MG-L C219 | S SED P ORGN C220 | VESSEL CODE C221 | DNR STATION C224 | MD GRID CODE E C225 | MD GRID CODE N C226 | STATION DEPT M C227 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 11A | 385810 | 762458 | 09/18/1974 | 728 | 2.0 | 4.17 | | 9 | XGF8250 | 09660 | 4146 | |
| 11A | 385810 | 762458 | 09/18/1974 | 726 | 4.0 | 4.59 | | 9 | XGF8250 | 09660 | 4146 | |
| 11A | 385810 | 762458 | 09/18/1974 | 724 | 6.0 | 6.34 | | 9 | XGF8250 | 09660 | 4146 | |
| 11A | 385810 | 762458 | 11/25/1974 | 751 | .0 | 1.53 | | 9 | XGF8250 | 09660 | 4146 | 5.0 |
| 11A | 385810 | 762458 | 11/25/1974 | 749 | 2.0 | 1.53 | | 9 | XGF8250 | 09660 | 4146 | 5.0 |
| 11A | 385810 | 762458 | 11/25/1974 | 747 | 4.0 | 2.57 | | 9 | XGF8250 | 09660 | 4146 | 5.0 |
| 11A | 385810 | 762458 | 11/25/1974 | 745 | 5.0 | 2.53 | | 9 | XGF8250 | 09660 | 4146 | 5.0 |
| 11B | 385756 | 762348 | 12/12/1973 | 1136 | .0 | 5.18 | | 3 | XGF7962 | 09714 | 4132 | 14.0 |
| 11B | 385756 | 762348 | 12/12/1973 | 1146 | 2.0 | 5.22 | | 3 | XGF7962 | 09714 | 4132 | 14.0 |
| 11B | 385756 | 762348 | 12/12/1973 | 1156 | 4.0 | 5.40 | | 3 | XGF7962 | 09714 | 4132 | 14.0 |
| 11B | 385756 | 762348 | 12/12/1973 | 1205 | 6.0 | 4.92 | | 3 | XGF7962 | 09714 | 4132 | 14.0 |
| 11B | 385756 | 762348 | 12/12/1973 | 1212 | 8.0 | 4.20 | | 3 | XGF7962 | 09714 | 4132 | 14.0 |
| 11B | 385756 | 762348 | 12/12/1973 | 1220 | 10.0 | 5.28 | | 3 | XGF7962 | 09714 | 4132 | 14.0 |
| 11B | 385756 | 762348 | 12/12/1973 | 1228 | 12.0 | 4.08 | | 3 | XGF7962 | 09714 | 4132 | 14.0 |
| 11B | 385756 | 762348 | 12/12/1973 | 1235 | 13.0 | 27.94 | | 3 | XGF7962 | 09714 | 4132 | 14.0 |
| 11B | 385756 | 762348 | 01/23/1974 | 1009 | .0 | 3.02 | | 3 | XGF7962 | 09714 | 4132 | 14.0 |
| 11B | 385756 | 762348 | 01/23/1974 | 1030 | 2.0 | 2.82 | | 3 | XGF7962 | 09714 | 4132 | 14.0 |
| 11B | 385756 | 762348 | 01/23/1974 | 1037 | 4.0 | 3.08 | | 3 | XGF7962 | 09714 | 4132 | 14.0 |
| 11B | 385756 | 762348 | 01/23/1974 | 1045 | 6.0 | 4.04 | | 3 | XGF7962 | 09714 | 4132 | 14.0 |
| 11B | 385756 | 762348 | 01/23/1974 | 1100 | 8.0 | 9.28 | | 3 | XGF7962 | 09714 | 4132 | 14.0 |
| 11B | 385756 | 762348 | 01/23/1974 | 1120 | 10.0 | 6.92 | | 3 | XGF7962 | 09714 | 4132 | 14.0 |
| 11B | 385756 | 762348 | 01/23/1974 | 1126 | 12.0 | 9.48 | | 3 | XGF7962 | 09714 | 4132 | 14.0 |
| 11B | 385756 | 762348 | 01/23/1974 | 1140 | 13.0 | 14.48 | | 3 | XGF7962 | 09714 | 4132 | 14.0 |
| 11B | 385756 | 762348 | 02/11/1974 | 1047 | .0 | 3.76 | | 1 | XGF7962 | 09714 | 4132 | 13.3 |
| 11B | 385756 | 762348 | 02/11/1974 | 1045 | 2.0 | 3.66 | | 1 | XGF7962 | 09714 | 4132 | 13.3 |
| 11B | 385756 | 762348 | 02/11/1974 | 1043 | 4.0 | 3.66 | | 1 | XGF7962 | 09714 | 4132 | 13.3 |
| 11B | 385756 | 762348 | 02/11/1974 | 1041 | 6.0 | 3.50 | | 1 | XGF7962 | 09714 | 4132 | 13.3 |
| 11B | 385756 | 762348 | 02/11/1974 | 1039 | 8.0 | 3.42 | | 1 | XGF7962 | 09714 | 4132 | 13.3 |
| 11B | 385756 | 762348 | 02/11/1974 | 1037 | 10.0 | 5.88 | | 1 | XGF7962 | 09714 | 4132 | 13.3 |
| 11B | 385756 | 762348 | 02/11/1974 | 1035 | 12.3 | 6.40 | | 1 | XGF7962 | 09714 | 4132 | 13.3 |
| 11B | 385756 | 762348 | 03/20/1974 | 854 | .0 | 8.08 | | 3 | XGF7962 | 09714 | 4132 | 14.0 |
| 11B | 385756 | 762348 | 03/20/1974 | 852 | 2.0 | 8.81 | | 3 | XGF7962 | 09714 | 4132 | 14.0 |
| 11B | 385756 | 762348 | 03/20/1974 | 850 | 4.0 | 11.31 | | 3 | XGF7962 | 09714 | 4132 | 14.0 |
| 11B | 385756 | 762348 | 03/20/1974 | 848 | 6.0 | 7.81 | | 3 | XGF7962 | 09714 | 4132 | 14.0 |
| 11B | 385756 | 762348 | 03/20/1974 | 846 | 8.0 | 6.91 | | 3 | XGF7962 | 09714 | 4132 | 14.0 |
| 11B | 385756 | 762348 | 03/20/1974 | 844 | 10.0 | 12.56 | | 3 | XGF7962 | 09714 | 4132 | 14.0 |
| 11B | 385756 | 762348 | 03/20/1974 | 842 | 12.0 | 15.56 | | 3 | XGF7962 | 09714 | 4132 | 14.0 |
| 11B | 385756 | 762348 | 03/20/1974 | 840 | 13.0 | 14.80 | | 3 | XGF7962 | 09714 | 4132 | 14.0 |
| 11B | 385756 | 762348 | 05/01/1974 | 1029 | .0 | 3.38 | | 3 | XGF7962 | 09714 | 4132 | 14.0 |
| 11B | 385756 | 762348 | 05/01/1974 | 1027 | 2.0 | 3.11 | | 3 | XGF7962 | 09714 | 4132 | 14.0 |
| 11B | 385756 | 762348 | 05/01/1974 | 1025 | 4.0 | 3.25 | | 3 | XGF7962 | 09714 | 4132 | 14.0 |
| 11B | 385756 | 762348 | 05/01/1974 | 1023 | 6.0 | 2.69 | | 3 | XGF7962 | 09714 | 4132 | 14.0 |
| 11B | 385756 | 762348 | 05/01/1974 | 1021 | 8.0 | 3.72 | | 3 | XGF7962 | 09714 | 4132 | 14.0 |
| 11B | 385756 | 762348 | 05/01/1974 | 1019 | 10.0 | 8.65 | | 3 | XGF7962 | 09714 | 4132 | 14.0 |
| 11B | 385756 | 762348 | 05/01/1974 | 1017 | 12.0 | 11.50 | | 3 | XGF7962 | 09714 | 4132 | 14.0 |
| 11B | 385756 | 762348 | 05/01/1974 | 1015 | 13.0 | 11.89 | | 3 | XGF7962 | 09714 | 4132 | 14.0 |
| 11B | 385756 | 762348 | 06/14/1974 | 1259 | .0 | 2.16 | | 9 | XGF7962 | 09714 | 4132 | 15.4 |
| 11B | 385756 | 762348 | 06/14/1974 | 1257 | 2.0 | 2.30 | | 9 | XGF7962 | 09714 | 4132 | 15.4 |
| 11B | 385756 | 762348 | 06/14/1974 | 1255 | 4.0 | 2.16 | | 9 | XGF7962 | 09714 | 4132 | 15.4 |
| 11B | 385756 | 762348 | 06/14/1974 | 1253 | 6.0 | 1.60 | | 9 | XGF7962 | 09714 | 4132 | 15.4 |

| STAT ION C202 | LATI TUDE C222 | LONGI TUDE C223 | DATE MM DD YY C203 | TIME HRS C204 | SAMPLE DEPT M C210 | T S SED MG-L C219 | S SED P ORGN C220 | VESSEL CODE C221 | DNR STATION C224 | MD GRID CODE E C225 | MD GRID CODE N C226 | STATION DEPT M C227 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 11B | 385756 | 762348 | 06/14/1974 | 1251 | 8.0 | .98 | | 9 | XGF7962 | 09714 | 4132 | 15.4 |
| 11B | 385756 | 762348 | 06/14/1974 | 1249 | 10.0 | 1.50 | | 9 | XGF7962 | 09714 | 4132 | 15.4 |
| 11B | 385756 | 762348 | 06/14/1974 | 1247 | 12.0 | 2.02 | | 9 | XGF7962 | 09714 | 4132 | 15.4 |
| 11B | 385756 | 762348 | 06/14/1974 | 1245 | 14.4 | 2.34 | | 9 | XGF7962 | 09714 | 4132 | 15.4 |
| 11B | 385756 | 762348 | 07/31/1974 | 827 | .0 | 4.32 | | 3 | XGF7962 | 09714 | 4132 | 13.0 |
| 11B | 385756 | 762348 | 07/31/1974 | 825 | 2.0 | 3.35 | | 3 | XGF7962 | 09714 | 4132 | 13.0 |
| 11B | 385756 | 762348 | 07/31/1974 | 823 | 4.0 | 4.92 | | 3 | XGF7962 | 09714 | 4132 | 13.0 |
| 11B | 385756 | 762348 | 07/31/1974 | 821 | 6.0 | 5.15 | | 3 | XGF7962 | 09714 | 4132 | 13.0 |
| 11B | 385756 | 762348 | 07/31/1974 | 819 | 8.0 | 6.18 | | 3 | XGF7962 | 09714 | 4132 | 13.0 |
| 11B | 385756 | 762348 | 07/31/1974 | 817 | 10.0 | 9.75 | | 3 | XGF7962 | 09714 | 4132 | 13.0 |
| 11B | 385756 | 762348 | 07/31/1974 | 815 | 12.0 | 18.72 | | 3 | XGF7962 | 09714 | 4132 | 13.0 |
| 11B | 385756 | 762348 | 09/18/1974 | 756 | .0 | 3.50 | | 9 | XGF7962 | 09714 | 4132 | |
| 11B | 385756 | 762348 | 09/18/1974 | 754 | 2.0 | 3.46 | | 9 | XGF7962 | 09714 | 4132 | |
| 11B | 385756 | 762348 | 09/18/1974 | 752 | 4.0 | 3.91 | | 9 | XGF7962 | 09714 | 4132 | |
| 11B | 385756 | 762348 | 09/18/1974 | 750 | 6.0 | 3.53 | | 9 | XGF7962 | 09714 | 4132 | |
| 11B | 385756 | 762348 | 09/18/1974 | 748 | 8.0 | 3.61 | | 9 | XGF7962 | 09714 | 4132 | |
| 11B | 385756 | 762348 | 09/18/1974 | 746 | 10.0 | 5.19 | | 9 | XGF7962 | 09714 | 4132 | |
| 11B | 385756 | 762348 | 09/18/1974 | 744 | 12.0 | 10.42 | | 9 | XGF7962 | 09714 | 4132 | |
| 11B | 385756 | 762348 | 09/18/1974 | 742 | 14.0 | 20.00 | | 9 | XGF7962 | 09714 | 4132 | |
| 11B | 385756 | 762348 | 09/18/1974 | 740 | 15.0 | 19.06 | | 9 | XGF7962 | 09714 | 4132 | |
| 11B | 385756 | 762348 | 11/25/1974 | 814 | .0 | 1.49 | | 9 | XGF7962 | 09714 | 4132 | 13.0 |
| 11B | 385756 | 762348 | 11/25/1974 | 812 | 2.0 | | | 9 | XGF7962 | 09714 | 4132 | 13.0 |
| 11B | 385756 | 762348 | 11/25/1974 | 810 | 4.0 | 1.81 | | 9 | XGF7962 | 09714 | 4132 | 13.0 |
| 11B | 385756 | 762348 | 11/25/1974 | 808 | 6.0 | | | 9 | XGF7962 | 09714 | 4132 | 13.0 |
| 11B | 385756 | 762348 | 11/25/1974 | 806 | 8.0 | 2.40 | | 9 | XGF7962 | 09714 | 4132 | 13.0 |
| 11B | 385756 | 762348 | 11/25/1974 | 804 | 10.0 | | | 9 | XGF7962 | 09714 | 4132 | 13.0 |
| 11B | 385756 | 762348 | 11/25/1974 | 802 | 12.0 | 5.55 | | 9 | XGF7962 | 09714 | 4132 | 13.0 |
| 11B | 385756 | 762348 | 11/25/1974 | 800 | 13.0 | 13.30 | | 9 | XGF7962 | 09714 | 4132 | 13.0 |
| 11C | 385743 | 762248 | 12/12/1973 | 1304 | .0 | 5.42 | | 3 | XGF7772 | 09762 | 4118 | 29.3 |
| 11C | 385743 | 762248 | 12/12/1973 | 1320 | 2.0 | 5.50 | | 3 | XGF7772 | 09762 | 4118 | 29.3 |
| 11C | 385743 | 762248 | 12/12/1973 | 1335 | 4.0 | 4.02 | | 3 | XGF7772 | 09762 | 4118 | 29.3 |
| 11C | 385743 | 762248 | 12/12/1973 | 1350 | 8.0 | 4.20 | | 3 | XGF7772 | 09762 | 4118 | 29.3 |
| 11C | 385743 | 762248 | 12/12/1973 | 1405 | 12.0 | 4.24 | 26.0 | 3 | XGF7772 | 09762 | 4118 | 29.3 |
| 11C | 385743 | 762248 | 12/12/1973 | 1420 | 16.0 | 4.26 | | 3 | XGF7772 | 09762 | 4118 | 29.3 |
| 11C | 385743 | 762248 | 12/12/1973 | 1435 | 20.0 | 8.54 | | 3 | XGF7772 | 09762 | 4118 | 29.3 |
| 11C | 385743 | 762248 | 12/12/1973 | 1450 | 24.0 | 5.76 | | 3 | XGF7772 | 09762 | 4118 | 29.3 |
| 11C | 385743 | 762248 | 12/12/1973 | 1504 | 27.5 | 12.14 | 15.6 | 3 | XGF7772 | 09762 | 4118 | 29.3 |
| 11C | 385743 | 762248 | 01/23/1974 | 926 | .0 | | | | XGF7772 | 09762 | 4118 | 27.0 |
| 11C | 385743 | 762248 | 01/23/1974 | 1215 | .0 | 2.86 | 29.4 | 3 | XGF7772 | 09762 | 4118 | 28.0 |
| 11C | 385743 | 762248 | 01/23/1974 | 1220 | 2.0 | 2.66 | | 3 | XGF7772 | 09762 | 4118 | 28.0 |
| 11C | 385743 | 762248 | 01/23/1974 | 924 | 2.0 | | | | XGF7772 | 09762 | 4118 | 27.0 |
| 11C | 385743 | 762248 | 01/23/1974 | 922 | 4.0 | | | | XGF7772 | 09762 | 4118 | 27.0 |
| 11C | 385743 | 762248 | 01/23/1974 | 1235 | 4.0 | 2.66 | | 3 | XGF7772 | 09762 | 4118 | 28.0 |
| 11C | 385743 | 762248 | 01/23/1974 | 920 | 6.0 | | | | XGF7772 | 09762 | 4118 | 27.0 |
| 11C | 385743 | 762248 | 01/23/1974 | 918 | 8.0 | | | | XGF7772 | 09762 | 4118 | 27.0 |
| 11C | 385743 | 762248 | 01/23/1974 | 1300 | 8.0 | 3.06 | | 3 | XGF7772 | 09762 | 4118 | 28.0 |
| 11C | 385743 | 762248 | 01/23/1974 | 916 | 10.0 | | | | XGF7772 | 09762 | 4118 | 27.0 |
| 11C | 385743 | 762248 | 01/23/1974 | 914 | 12.0 | | | | XGF7772 | 09762 | 4118 | 27.0 |
| 11C | 385743 | 762248 | 01/23/1974 | 1315 | 12.0 | 8.98 | 15.4 | 3 | XGF7772 | 09762 | 4118 | 28.0 |
| 11C | 385743 | 762248 | 01/23/1974 | 912 | 14.0 | | | | XGF7772 | 09762 | 4118 | 27.0 |

| STATION C202 | LATITUDE C222 | LONGITUDE C223 | DATE MM DD YY C203 | TIME HRS C204 | SAMPLE DEPT M C210 | T S SED MG-L C219 | S SED P ORGN C220 | VESSEL CODE C221 | DNR STATION C224 | MD GRID CODE E C225 | MD GRID CODE N C226 | STATION DEPT M C227 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 11C | 385743 | 762248 | 01/23/1974 | 1320 | 16.0 | 13.10 | | 3 | XGF7772 | 09762 | 4118 | 28.0 |
| 11C | 385743 | 762248 | 01/23/1974 | 910 | 16.0 | | | | XGF7772 | 09762 | 4118 | 27.0 |
| 11C | 385743 | 762248 | 01/23/1974 | 908 | 18.0 | | | | XGF7772 | 09762 | 4118 | 27.0 |
| 11C | 385743 | 762248 | 01/23/1974 | 1350 | 20.0 | 11.42 | | 3 | XGF7772 | 09762 | 4118 | 28.0 |
| 11C | 385743 | 762248 | 01/23/1974 | 906 | 20.0 | | | | XGF7772 | 09762 | 4118 | 27.0 |
| 11C | 385743 | 762248 | 01/23/1974 | 904 | 22.0 | | | | XGF7772 | 09762 | 4118 | 27.0 |
| 11C | 385743 | 762248 | 01/23/1974 | 902 | 24.0 | | | | XGF7772 | 09762 | 4118 | 27.0 |
| 11C | 385743 | 762248 | 01/23/1974 | 1400 | 24.0 | 9.58 | | 3 | XGF7772 | 09762 | 4118 | 28.0 |
| 11C | 385743 | 762248 | 01/23/1974 | 900 | 26.0 | | | | XGF7772 | 09762 | 4118 | 27.0 |
| 11C | 385743 | 762248 | 01/23/1974 | 1405 | 27.0 | 10.84 | 8.7 | 3 | XGF7772 | 09762 | 4118 | 28.0 |
| 11C | 385743 | 762248 | 02/11/1974 | 1148 | .0 | 3.78 | 19.2 | 1 | XGF7772 | 09762 | 4118 | 25.0 |
| 11C | 385743 | 762248 | 02/11/1974 | 1146 | 2.0 | 3.40 | | 1 | XGF7772 | 09762 | 4118 | 25.0 |
| 11C | 385743 | 762248 | 02/11/1974 | 1144 | 4.0 | 3.58 | | 1 | XGF7772 | 09762 | 4118 | 25.0 |
| 11C | 385743 | 762248 | 02/11/1974 | 1142 | 6.0 | 3.62 | | 1 | XGF7772 | 09762 | 4118 | 25.0 |
| 11C | 385743 | 762248 | 02/11/1974 | 1140 | 8.0 | 3.70 | | 1 | XGF7772 | 09762 | 4118 | 25.0 |
| 11C | 385743 | 762248 | 02/11/1974 | 1138 | 10.0 | | | 1 | XGF7772 | 09762 | 4118 | 25.0 |
| 11C | 385743 | 762248 | 02/11/1974 | 1136 | 12.0 | 4.08 | 22.1 | 1 | XGF7772 | 09762 | 4118 | 25.0 |
| 11C | 385743 | 762248 | 02/11/1974 | 1134 | 16.0 | 4.80 | | 1 | XGF7772 | 09762 | 4118 | 25.0 |
| 11C | 385743 | 762248 | 02/11/1974 | 1132 | 20.0 | 6.32 | | 1 | XGF7772 | 09762 | 4118 | 25.0 |
| 11C | 385743 | 762248 | 02/11/1974 | 1130 | 24.0 | 8.90 | | 1 | XGF7772 | 09762 | 4118 | 25.0 |
| 11C | 385743 | 762248 | 03/20/1974 | 1046 | .0 | 7.79 | 15.5 | 3 | XGF7772 | 09762 | 4118 | 30.0 |
| 11C | 385743 | 762248 | 03/20/1974 | 1044 | 4.0 | 7.18 | | 3 | XGF7772 | 09762 | 4118 | 30.0 |
| 11C | 385743 | 762248 | 03/20/1974 | 1042 | 8.0 | 5.89 | | 3 | XGF7772 | 09762 | 4118 | 30.0 |
| 11C | 385743 | 762248 | 03/20/1974 | 1040 | 12.0 | 7.69 | 9.0 | 3 | XGF7772 | 09762 | 4118 | 30.0 |
| 11C | 385743 | 762248 | 03/20/1974 | 1038 | 16.0 | 9.82 | | 3 | XGF7772 | 09762 | 4118 | 30.0 |
| 11C | 385743 | 762248 | 03/20/1974 | 1036 | 20.0 | 11.10 | | 3 | XGF7772 | 09762 | 4118 | 30.0 |
| 11C | 385743 | 762248 | 03/20/1974 | 1034 | 24.0 | 13.50 | | 3 | XGF7772 | 09762 | 4118 | 30.0 |
| 11C | 385743 | 762248 | 03/20/1974 | 1032 | 28.0 | 16.65 | 15.8 | 3 | XGF7772 | 09762 | 4118 | 30.0 |
| 11C | 385743 | 762248 | 03/20/1974 | 1030 | 29.0 | | | 3 | XGF7772 | 09762 | 4118 | 30.0 |
| 11C | 385743 | 762248 | 05/01/1974 | 1345 | .0 | 9.53 | | 3 | XGF7772 | 09762 | 4118 | 21.0 |
| 11C | 385743 | 762248 | 05/01/1974 | 1343 | 4.0 | 3.21 | | 3 | XGF7772 | 09762 | 4118 | 21.0 |
| 11C | 385743 | 762248 | 05/01/1974 | 1341 | 8.0 | 2.47 | | 3 | XGF7772 | 09762 | 4118 | 21.0 |
| 11C | 385743 | 762248 | 05/01/1974 | 1339 | 12.0 | 3.31 | | 3 | XGF7772 | 09762 | 4118 | 21.0 |
| 11C | 385743 | 762248 | 05/01/1974 | 1337 | 16.0 | 4.56 | | 3 | XGF7772 | 09762 | 4118 | 21.0 |
| 11C | 385743 | 762248 | 05/01/1974 | 1335 | 20.0 | 10.57 | | 3 | XGF7772 | 09762 | 4118 | 21.0 |
| 11C | 385743 | 762248 | 06/12/1974 | 724 | .0 | 1.82 | | 1 | XGF7772 | 09762 | 4118 | 27.0 |
| 11C | 385743 | 762248 | 06/12/1974 | 722 | 2.0 | 1.68 | | 1 | XGF7772 | 09762 | 4118 | 27.0 |
| 11C | 385743 | 762248 | 06/12/1974 | 720 | 4.0 | 1.80 | | 1 | XGF7772 | 09762 | 4118 | 27.0 |
| 11C | 385743 | 762248 | 06/12/1974 | 718 | 6.0 | | | 1 | XGF7772 | 09762 | 4118 | 27.0 |
| 11C | 385743 | 762248 | 06/12/1974 | 716 | 8.0 | 1.84 | | 1 | XGF7772 | 09762 | 4118 | 27.0 |
| 11C | 385743 | 762248 | 06/12/1974 | 714 | 10.0 | | | 1 | XGF7772 | 09762 | 4118 | 27.0 |
| 11C | 385743 | 762248 | 06/12/1974 | 712 | 12.0 | 1.94 | | 1 | XGF7772 | 09762 | 4118 | 27.0 |
| 11C | 385743 | 762248 | 06/12/1974 | 710 | 14.0 | | | 1 | XGF7772 | 09762 | 4118 | 27.0 |
| 11C | 385743 | 762248 | 06/12/1974 | 708 | 16.0 | 1.38 | | 1 | XGF7772 | 09762 | 4118 | 27.0 |
| 11C | 385743 | 762248 | 06/12/1974 | 706 | 18.0 | | | 1 | XGF7772 | 09762 | 4118 | 27.0 |
| 11C | 385743 | 762248 | 06/12/1974 | 704 | 20.0 | 1.35 | | 1 | XGF7772 | 09762 | 4118 | 27.0 |
| 11C | 385743 | 762248 | 06/12/1974 | 702 | 24.0 | | | 1 | XGF7772 | 09762 | 4118 | 27.0 |
| 11C | 385743 | 762248 | 06/12/1974 | 700 | 26.0 | 1.57 | | 1 | XGF7772 | 09762 | 4118 | 27.0 |
| 11C | 385743 | 762248 | 07/31/1974 | 1012 | 2.4 | 3.22 | | 3 | XGF7772 | 09762 | 4118 | 27.4 |
| 11C | 385743 | 762248 | 07/31/1974 | 1010 | 6.4 | 4.74 | | 3 | XGF7772 | 09762 | 4118 | 27.4 |

| STAT ION C202 | LATI TUDE C222 | LONGI TUDE C223 | DATE MM DD YY C203 | TIME HRS C204 | SAMPLE DEPT M C210 | T S SED MG-L C219 | S SED P ORGN C220 | VESSEL CODE C221 | DNR STATION C224 | MD GRID CODE E C225 | MD GRID CODE N C226 | STATION DEPT M C227 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 11C | 385743 | 762248 | 07/31/1974 | 1008 | 10.4 | 3.34 | | 3 | XGF7772 | 09762 | 4118 | 27.4 |
| 11C | 385743 | 762248 | 07/31/1974 | 1006 | 14.4 | 2.77 | | 3 | XGF7772 | 09762 | 4118 | 27.4 |
| 11C | 385743 | 762248 | 07/31/1974 | 1004 | 18.4 | 3.02 | | 3 | XGF7772 | 09762 | 4118 | 27.4 |
| 11C | 385743 | 762248 | 07/31/1974 | 1002 | 22.4 | 6.02 | | 3 | XGF7772 | 09762 | 4118 | 27.4 |
| 11C | 385743 | 762248 | 07/31/1974 | 1000 | 26.4 | 28.74 | | 3 | XGF7772 | 09762 | 4118 | 27.4 |
| 11C | 385743 | 762248 | 09/18/1974 | 824 | .0 | 4.38 | | 9 | XGF7772 | 09762 | 4118 | |
| 11C | 385743 | 762248 | 09/18/1974 | 822 | 2.0 | 2.88 | | 9 | XGF7772 | 09762 | 4118 | |
| 11C | 385743 | 762248 | 09/18/1974 | 820 | 4.0 | 3.26 | | 9 | XGF7772 | 09762 | 4118 | |
| 11C | 385743 | 762248 | 09/18/1974 | 818 | 6.0 | 4.43 | | 9 | XGF7772 | 09762 | 4118 | |
| 11C | 385743 | 762248 | 09/18/1974 | 816 | 8.0 | 4.11 | | 9 | XGF7772 | 09762 | 4118 | |
| 11C | 385743 | 762248 | 09/18/1974 | 814 | 10.0 | 3.86 | | 9 | XGF7772 | 09762 | 4118 | |
| 11C | 385743 | 762248 | 09/18/1974 | 812 | 12.0 | 3.16 | | 9 | XGF7772 | 09762 | 4118 | |
| 11C | 385743 | 762248 | 09/18/1974 | 810 | 14.0 | 5.02 | | 9 | XGF7772 | 09762 | 4118 | |
| 11C | 385743 | 762248 | 09/18/1974 | 808 | 16.0 | 12.07 | | 9 | XGF7772 | 09762 | 4118 | |
| 11C | 385743 | 762248 | 09/18/1974 | 806 | 18.0 | | | 9 | XGF7772 | 09762 | 4118 | |
| 11C | 385743 | 762248 | 09/18/1974 | 804 | 20.0 | | | 9 | XGF7772 | 09762 | 4118 | |
| 11C | 385743 | 762248 | 09/18/1974 | 802 | 22.0 | | | 9 | XGF7772 | 09762 | 4118 | |
| 11C | 385743 | 762248 | 09/18/1974 | 800 | 26.0 | | | 9 | XGF7772 | 09762 | 4118 | |
| 11C | 385743 | 762248 | 09/18/1974 | 758 | 27.0 | | | 9 | XGF7772 | 09762 | 4118 | |
| 11C | 385743 | 762248 | 11/25/1974 | 843 | .0 | 1.40 | | 9 | XGF7772 | 09762 | 4118 | 24.0 |
| 11C | 385743 | 762248 | 11/25/1974 | 841 | 2.0 | 1.10 | | 9 | XGF7772 | 09762 | 4118 | 24.0 |
| 11C | 385743 | 762248 | 11/25/1974 | 839 | 4.0 | 1.38 | | 9 | XGF7772 | 09762 | 4118 | 24.0 |
| 11C | 385743 | 762248 | 11/25/1974 | 837 | 6.0 | 1.38 | | 9 | XGF7772 | 09762 | 4118 | 24.0 |
| 11C | 385743 | 762248 | 11/25/1974 | 835 | 8.0 | 1.07 | | 9 | XGF7772 | 09762 | 4118 | 24.0 |
| 11C | 385743 | 762248 | 11/25/1974 | 833 | 10.0 | | | 9 | XGF7772 | 09762 | 4118 | 24.0 |
| 11C | 385743 | 762248 | 11/25/1974 | 831 | 12.0 | 1.16 | | 9 | XGF7772 | 09762 | 4118 | 24.0 |
| 11C | 385743 | 762248 | 11/25/1974 | 829 | 16.0 | 3.12 | | 9 | XGF7772 | 09762 | 4118 | 24.0 |
| 11C | 385743 | 762248 | 11/25/1974 | 827 | 20.0 | 3.93 | | 9 | XGF7772 | 09762 | 4118 | 24.0 |
| 11C | 385743 | 762248 | 11/25/1974 | 825 | 24.0 | 5.01 | | 9 | XGF7772 | 09762 | 4118 | 24.0 |

| STA TION C402 | LATI TUDE C414 | LONGI TUDE C415 | DATE MM DD YY C403 | TIME HRS C404 | MED GRAIN SIZE PHI C405 | MODE GRAIN SIZE PHI C406 | PERCT SAND C407 | PERCT CLAY C408 |
|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | |
| 001 | 391640 | 763555 | 10/10/1973 | 1022 | 6.36 | 3.92 | 9.37 | 90.63 |
| 002 | 391520 | 763410 | 10/10/1973 | 1115 | 9.03 | 10.25 | 1.93 | 98.07 |
| 003 | 391520 | 763542 | 10/10/1973 | 1140 | 6.56 | 3.90 | 9.88 | 90.12 |
| 005 | 391317 | 763347 | 10/10/1973 | 1305 | 3.87 | 3.87 | 2.18 | 97.82 |
| 006 | 391333 | 763010 | 10/10/1973 | 1347 | 5.31 | 4.25 | 3.45 | 96.55 |
| 007 | 391024 | 762926 | 10/10/1973 | 1422 | 9.03 | 10.25 | 6.45 | 93.55 |
| 007X | 391024 | 762926 | 10/10/1973 | | 9.07 | 10.25 | 5.52 | 94.48 |
| 008 | 391122 | 762723 | 10/10/1973 | | 4.00 | 1.88 | 50.00 | 50.00 |
| 009 | 391006 | 762610 | 10/10/1973 | 1512 | 7.62 | 7.25 | 1.64 | 98.36 |
| 010 | 391135 | 762534 | 10/10/1973 | | 6.38 | 1.88 | 35.49 | 64.51 |
| 011 | 390446 | 762356 | 10/10/1973 | | 2.87 | 1.88 | 61.37 | 38.63 |
| 012 | 390407 | 762247 | 10/10/1973 | 1625 | 9.44 | 10.25 | 2.31 | 97.69 |
| 013 | 390232 | 761845 | 10/10/1973 | | 1.96 | 1.88 | 90.08 | 9.92 |
| 014 | 390045 | 762106 | 10/10/1973 | 1720 | 8.68 | 10.25 | 5.73 | 94.27 |
| 015 | 390912 | 761724 | 10/12/1973 | | 1.94 | 1.88 | 84.92 | 15.08 |
| 016 | 390950 | 762030 | 10/12/1973 | 1010 | 8.12 | 10.25 | .82 | 99.18 |
| 017 | 391218 | 761551 | 10/12/1973 | 1125 | 7.06 | 6.25 | 2.96 | 97.04 |
| 018 | 391328 | 761852 | 10/12/1973 | 1140 | 4.00 | 3.88 | 50.85 | 49.15 |
| 019 | 391536 | 761648 | 10/12/1973 | 1430 | 7.22 | 3.90 | 7.34 | 92.66 |
| 020 | 391548 | 761948 | 10/12/1973 | | 2.96 | 2.87 | 66.72 | 33.28 |
| 021 | 391736 | 761806 | 10/12/1973 | 1300 | 7.80 | 10.25 | 2.47 | 97.53 |
| 023 | 391648 | 761512 | 10/12/1973 | 1555 | 7.08 | 10.25 | 5.88 | 94.12 |
| 024 | 391403 | 762142 | 10/12/1973 | 1155 | 8.57 | 10.25 | 4.60 | 95.40 |
| 025 | 391518 | 761342 | 10/16/1973 | 1620 | 7.99 | 10.25 | 1.61 | 98.39 |
| 027 | 391910 | 761148 | 10/16/1973 | | 4.58 | 2.87 | 44.54 | 55.46 |
| 028 | 392036 | 761142 | 10/16/1973 | 1532 | 7.43 | 10.25 | 5.64 | 94.36 |
| 032 | 392218 | 760649 | 10/16/1973 | | 4.22 | 1.88 | 48.55 | 51.45 |
| 033 | 392242 | 760754 | 10/16/1973 | 1435 | 6.46 | 5.25 | 4.08 | 95.92 |
| 034 | 392509 | 760538 | 10/16/1973 | 1120 | 7.36 | 3.91 | 7.39 | 92.61 |
| 034X | 392509 | 760538 | 10/16/1973 | | 7.37 | 7.25 | 6.32 | 93.68 |
| 035 | 392403 | 760442 | 10/16/1973 | 1055 | 6.00 | 3.93 | 8.49 | 91.51 |
| 036 | 392248 | 760306 | 10/16/1973 | 1030 | 6.74 | 3.90 | 9.71 | 90.29 |
| 037 | 392212 | 755830 | 10/16/1973 | | 1.89 | 1.88 | 95.76 | 4.24 |
| 038 | 392142 | 755318 | 10/16/1973 | 910 | 9.01 | 10.25 | 4.76 | 95.24 |
| 040 | 392622 | 760130 | 10/15/1973 | | 6.88 | 10.25 | 4.61 | 95.39 |
| 041 | 391330 | 763146 | 10/10/1973 | 1220 | 9.14 | 10.25 | 6.29 | 93.71 |
| 041X | 392640 | 760250 | 10/16/1973 | | 3.97 | 3.89 | 54.01 | 45.99 |
| 042 | 392940 | 760515 | 10/16/1973 | | 2.77 | 1.88 | 88.66 | 11.34 |
| 043 | 393245 | 760450 | 10/16/1973 | | .92 | .88 | 99.99 | .01 |
| 044 | 392912 | 760000 | 10/15/1973 | | 1.89 | 1.88 | 96.29 | 3.71 |
| 045 | 392906 | 765636 | 10/15/1973 | | 3.90 | 3.88 | 80.59 | 19.41 |
| 046 | 393940 | 755336 | 10/15/1973 | | 6.87 | 2.87 | 23.58 | 76.42 |
| 047 | 393152 | 755042 | 10/15/1973 | | 1.90 | 1.88 | 99.99 | .01 |
| 048 | 393320 | 755230 | 10/15/1973 | 1240 | 7.18 | 10.25 | 6.53 | 93.47 |
| 049 | 392833 | 755321 | 10/15/1973 | 1440 | 7.85 | 10.25 | 2.14 | 97.86 |
| 050 | 393340 | 755925 | 10/15/1973 | 1715 | 7.12 | 10.25 | 3.40 | 96.60 |
| 051 | 390810 | 761922 | 10/17/1973 | 1300 | 8.69 | 10.25 | 5.88 | 94.12 |
| 052 | 390305 | 761514 | 10/17/1973 | 1020 | 9.56 | 10.25 | .99 | 99.01 |
| 053 | 390048 | 761538 | 10/17/1973 | 1035 | 10.00 | 10.25 | 2.65 | 97.35 |

| STA TION C402 | LATI TUDE C414 | LONGI TUDE C415 | DATE MM DD YY C403 | TIME HRS C404 | INMAN MEAN C409 | INMAN SIGMA C410 | INMAN SKEWN 1 C411 | INMAN SKEWN 2 C412 | INMAN KURTOS C413 |
|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | |
| 001 | 391640 | 763555 | 10/10/1973 | 1022 | 7.17 | 2.83 | .29 | .33 | .20 |
| 002 | 391520 | 763410 | 10/10/1973 | 1115 | 8.72 | 1.89 | -00.16 | -00.55 | .52 |
| 003 | 391520 | 763542 | 10/10/1973 | 1140 | 7.36 | 2.89 | .28 | .26 | .19 |
| 005 | 391317 | 763347 | 10/10/1973 | 1305 | 3.87 | .08 | .00 | .00 | .32 |
| 006 | 391333 | 763010 | 10/10/1973 | 1347 | 7.16 | 2.87 | .64 | .72 | .16 |
| 007 | 391024 | 762926 | 10/10/1973 | 1422 | 8.35 | 2.22 | -00.31 | -00.73 | .56 |
| 007X | 391024 | 762926 | 10/10/1973 | | 8.40 | 2.17 | -00.31 | -00.77 | .60 |
| 008 | 391122 | 762723 | 10/10/1973 | | 5.43 | 3.62 | .40 | .47 | .33 |
| 009 | 391006 | 762610 | 10/10/1973 | 1512 | 7.74 | 1.83 | .07 | -00.01 | .63 |
| 010 | 391135 | 762534 | 10/10/1973 | | 6.13 | 4.18 | -00.06 | -00.03 | .08 |
| 011 | 390446 | 762356 | 10/10/1973 | | 5.09 | 3.28 | .68 | .84 | .43 |
| 012 | 390407 | 762247 | 10/10/1973 | 1625 | 8.48 | 2.18 | -00.45 | -00.79 | .45 |
| 013 | 390232 | 761845 | 10/10/1973 | | 2.37 | .59 | .70 | 4.66 | 5.50 |
| 014 | 390045 | 762106 | 10/10/1973 | 1720 | 8.06 | 2.53 | -00.25 | -00.50 | .37 |
| 015 | 390912 | 761724 | 10/12/1973 | | 2.87 | 1.07 | .87 | 3.29 | 2.47 |
| 016 | 390950 | 762030 | 10/12/1973 | 1010 | 8.33 | 2.08 | .10 | -00.12 | .42 |
| 017 | 391218 | 761551 | 10/12/1973 | 1125 | 7.62 | 2.41 | .23 | .16 | .35 |
| 018 | 391328 | 761852 | 10/12/1973 | 1140 | 6.95 | 3.12 | .95 | 1.04 | .11 |
| 019 | 391536 | 761648 | 10/12/1973 | 1430 | 7.65 | 2.76 | .16 | .05 | .25 |
| 020 | 391548 | 761948 | 10/12/1973 | | 5.71 | 2.91 | .95 | 1.13 | .48 |
| 021 | 391736 | 761806 | 10/12/1973 | 1300 | 7.69 | 2.67 | -00.04 | -00.12 | .24 |
| 023 | 391648 | 761512 | 10/12/1973 | 1555 | 7.57 | 2.82 | .17 | .11 | .21 |
| 024 | 391403 | 762142 | 10/12/1973 | 1155 | 8.20 | 2.34 | -00.16 | -00.45 | .43 |
| 025 | 391518 | 761342 | 10/16/1973 | 1620 | 8.28 | 2.14 | .14 | .02 | .31 |
| 027 | 391910 | 761148 | 10/16/1973 | | 6.23 | 3.35 | .49 | .63 | .18 |
| 028 | 392036 | 761142 | 10/16/1973 | 1532 | 7.67 | 2.76 | .09 | -00.01 | .24 |
| 032 | 392218 | 760649 | 10/16/1973 | | 5.36 | 3.51 | .33 | .44 | .36 |
| 033 | 392242 | 760754 | 10/16/1973 | 1435 | 7.57 | 2.63 | .42 | .36 | .27 |
| 034 | 392509 | 760538 | 10/16/1973 | 1120 | 7.41 | 2.73 | .01 | -00.01 | .25 |
| 034X | 392509 | 760538 | 10/16/1973 | | 7.43 | 2.71 | .02 | -00.02 | .25 |
| 035 | 392403 | 760442 | 10/16/1973 | 1055 | 7.20 | 2.82 | .43 | .46 | .21 |
| 036 | 392248 | 760306 | 10/16/1973 | 1030 | 7.46 | 2.94 | .24 | .20 | .18 |
| 037 | 392212 | 755830 | 10/16/1973 | | 2.30 | .54 | .76 | .05 | 1.00 |
| 038 | 392142 | 755318 | 10/16/1973 | 910 | 8.27 | 2.32 | -00.32 | -00.66 | .46 |
| 040 | 392622 | 760130 | 10/15/1973 | | 7.63 | 2.57 | .29 | .20 | 1.31 |
| 041 | 391330 | 763146 | 10/10/1973 | 1220 | 8.47 | 2.13 | -00.31 | -00.81 | .62 |
| 041X | 392640 | 760250 | 10/16/1973 | | 4.46 | 1.50 | .32 | 1.60 | 1.40 |
| 042 | 392940 | 760515 | 10/16/1973 | | 2.41 | .58 | -00.62 | 2.70 | 3.42 |
| 043 | 393245 | 760450 | 10/16/1973 | | 1.33 | .53 | .78 | .84 | .14 |
| 044 | 392912 | 760000 | 10/15/1973 | | 1.92 | .98 | .02 | .47 | .58 |
| 045 | 392906 | 765636 | 10/15/1973 | | 4.11 | .32 | .65 | 6.28 | 8.15 |
| 046 | 393940 | 755336 | 10/15/1973 | | 7.13 | 3.34 | .08 | -00.02 | .20 |
| 047 | 393152 | 755042 | 10/15/1973 | | 2.31 | .52 | .77 | .09 | .92 |
| 048 | 393320 | 755230 | 10/15/1973 | 1240 | 7.79 | 2.67 | .23 | .08 | .29 |
| 049 | 392833 | 755321 | 10/15/1973 | 1440 | 7.93 | 2.61 | .03 | -00.11 | .26 |
| 050 | 393340 | 755925 | 10/15/1973 | 1715 | 7.68 | 2.55 | .22 | .13 | .30 |
| 051 | 390810 | 761922 | 10/17/1973 | 1300 | 8.29 | 2.32 | -00.17 | -00.55 | .49 |
| 052 | 390305 | 761514 | 10/17/1973 | 1020 | 8.40 | 2.24 | -00.52 | -00.80 | .40 |
| 053 | 390048 | 761538 | 10/17/1973 | 1035 | 8.40 | 2.28 | -00.70 | -01.06 | .45 |

| STA TION C402 | LATI TUDE C414 | LONGI TUDE C415 | DATE MM DD YY C403 | SAMPL DEPTH M C416 | MEAN MICRN C417 | SIGMA MICRN C418 | MODE CLASS C419 | CLASS DIAMTR C420 | COARSE MIDPT C421 | PERCT ORGANC C422 |
|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | |
| 01A | 393255 | 760447 | 06/13/1974 | .1 | 1.635 | 2.482 | 1 | 21.8 | 40.6837 | |
| 01A | 393255 | 760447 | 09/20/1974 | .1 | 1.430 | 1.658 | 3 | 21.1 | 21.1908 | 32.7 |
| 01A | 393255 | 760447 | 12/13/1973 | .1 | 1.342 | .808 | 3 | 20.5 | 6.7712 | |
| 01A | 393255 | 760447 | 03/21/1974 | .1 | 1.484 | 1.993 | 1 | 24.4 | 40.6837 | |
| 01A | 393255 | 760447 | 03/21/1974 | 6.1 | 1.439 | 1.300 | 2 | 18.8 | 24.1436 | |
| 01A | 393255 | 760447 | 12/13/1973 | 6.1 | 1.349 | .917 | 3 | 19.9 | 13.4175 | |
| 01A | 393255 | 760447 | 09/13/1974 | 6.1 | 1.524 | 1.387 | 1 | 18.8 | 24.1436 | 23.0 |
| 01A | 393255 | 760447 | 06/13/1974 | 6.1 | 1.427 | 1.141 | 1 | 21.5 | 10.3600 | |
| 01A | 393255 | 760447 | 09/20/1974 | 12.2 | 1.493 | 1.222 | 1 | 20.6 | 13.4175 | 13.4 |
| 01A | 393255 | 760447 | 12/13/1973 | 12.2 | 1.399 | 1.131 | 3 | 22.9 | 21.1905 | |
| 01A | 393255 | 760447 | 06/13/1974 | 12.2 | 1.933 | 1.530 | 4 | 14.4 | 13.4400 | |
| 01A | 393255 | 760447 | 03/21/1974 | 12.2 | 1.404 | 1.176 | 1 | 22.1 | 14.3280 | |
| 02B | 392635 | 760200 | 09/20/1974 | .1 | 1.816 | 1.974 | 1 | 15.9 | 27.5078 | 22.9 |
| 02B | 392635 | 760200 | 03/20/1974 | .1 | 1.210 | .895 | 1 | 30.5 | 19.8528 | |
| 02B | 392635 | 760200 | 06/13/1974 | .1 | 1.908 | 1.731 | 1 | 14.0 | 12.8400 | |
| 02B | 392635 | 760200 | 12/14/1973 | .1 | 1.445 | .791 | 3 | 18.9 | 7.9650 | |
| 02B | 392635 | 760200 | 12/14/1973 | 2.3 | 1.386 | .841 | 3 | 19.7 | 7.9650 | |
| 02B | 302635 | 760200 | 06/13/1974 | 2.3 | 1.588 | 1.210 | 3 | 17.9 | 10.3600 | |
| 02B | 392635 | 760200 | 03/20/1974 | 2.3 | 1.338 | .958 | 1 | 29.7 | 7.4625 | |
| 02B | 392635 | 760200 | 09/20/1974 | 2.3 | 1.640 | 1.657 | 1 | 25.9 | 13.3233 | 21.7 |
| 02B | 392635 | 760200 | 12/14/1973 | 4.6 | 1.510 | .950 | 3 | 16.6 | 11.0350 | |
| 02B | 392635 | 760200 | 06/13/1974 | 4.6 | 1.600 | 1.430 | 1 | 19.5 | 12.9937 | |
| 02B | 392635 | 760200 | 03/20/1974 | 4.6 | 1.329 | 1.153 | 1 | 27.5 | 10.4860 | |
| 02B | 392635 | 760200 | 09/20/1974 | 4.6 | 1.848 | 2.115 | 1 | 20.1 | 25.7708 | 19.5 |
| 03B | 392302 | 760530 | 06/13/1974 | .1 | 1.556 | 1.361 | 1 | 17.3 | 14.8108 | |
| 03B | 392302 | 760530 | 03/20/1974 | .1 | 1.600 | 1.368 | 1 | 20.0 | 12.1737 | |
| 03B | 392302 | 760530 | 12/14/1973 | .1 | 1.313 | 1.125 | 2 | 24.1 | 27.5080 | |
| 03B | 392302 | 760530 | 09/20/1974 | .1 | 1.433 | 1.274 | 1 | 26.0 | 12.1350 | 23.5 |
| 03B | 392302 | 760530 | 12/14/1973 | 5.4 | 1.311 | .909 | 2 | 22.1 | 8.6240 | |
| 03B | 392302 | 760530 | 03/20/1974 | 5.4 | 1.547 | 1.468 | 1 | 22.9 | 19.2260 | |
| 03B | 392302 | 760530 | 09/20/1974 | 5.4 | 1.563 | 1.369 | 1 | 23.5 | 12.9200 | 14.9 |
| 03B | 392302 | 760530 | 06/13/1974 | 5.4 | 1.526 | 1.142 | 1 | 18.7 | 11.7775 | |
| 03B | 392302 | 760530 | 06/13/1974 | 10.7 | 1.570 | 1.299 | 1 | 19.8 | 12.5975 | |
| 03B | 392302 | 760530 | 12/14/1973 | 10.7 | 1.347 | .908 | 2 | 20.9 | 8.2340 | |
| 03B | 392302 | 760530 | 03/20/1974 | 10.7 | 1.337 | 1.225 | 1 | 30.6 | 12.5700 | |
| 03B | 392302 | 760530 | 09/20/1974 | 10.7 | 1.832 | 1.504 | 1 | 16.4 | 13.4175 | 17.6 |
| 04B | 392052 | 761022 | 03/20/1975 | .1 | 1.425 | 1.368 | 1 | 25.6 | 16.3245 | |
| 04B | 392052 | 761022 | 12/14/1973 | .1 | 1.600 | 1.186 | 2 | 16.5 | 17.4248 | |
| 04B | 392052 | 761022 | 06/13/1974 | .1 | 1.445 | 1.293 | 1 | 26.7 | 12.1737 | |
| 04B | 392052 | 761022 | 09/20/1974 | .1 | 1.661 | 1.353 | 1 | 16.0 | 15.3262 | |
| 04B | 392052 | 761022 | 06/13/1974 | 5.8 | 1.576 | 1.275 | 1 | 21.2 | 11.7775 | |
| 04B | 392052 | 761022 | 09/13/1974 | 5.8 | 1.536 | 1.536 | 2 | 17.6 | 12.3242 | |
| 04B | 392052 | 761022 | 12/14/1973 | 5.8 | 1.390 | 1.129 | 2 | 21.4 | 15.2937 | |
| 04B | 392052 | 761022 | 03/20/1975 | 5.8 | 1.218 | .876 | 1 | 27.9 | 8.2337 | |
| 04B | 392052 | 761022 | 09/20/1974 | 11.6 | 1.756 | 1.790 | 1 | 18.8 | 35.7080 | |
| 04B | 392052 | 761022 | 03/20/1975 | 11.6 | 1.354 | 1.420 | 1 | 35.1 | 21.9049 | |
| 04B | 392052 | 761022 | 12/14/1973 | 11.6 | 1.440 | .743 | 3 | 20.5 | 5.8808 | |
| 04B | 392052 | 761022 | 06/13/1974 | 11.6 | 1.552 | 1.349 | 1 | 25.4 | 12.5975 | |
| 05A | 391637 | 761522 | 03/21/1974 | .1 | 1.332 | 1.048 | 1 | 27.6 | 11.7775 | |
| 05A | 391637 | 761522 | 06/13/1974 | .1 | 1.354 | .958 | 1 | 22.7 | 7.9650 | |

| STA TION C402 | LATI TUDE C414 | LONGI TUDE C415 | DATE MM DD YY C403 | SAMPL DEPTH M C416 | MEAN MICRN C417 | SIGMA MICRN C418 | MODE CLASS C419 | CLASS DIAMTR C420 | COARSE MIDPT C421 | PERCT ORGANC C422 |
|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | |
| 05A | 391637 | 761522 | 03/21/1974 | 6.7 | 1.306 | 1.604 | 1 | 25.7 | 16.3245 | |
| 05A | 391637 | 761522 | 06/13/1974 | 6.7 | 1.991 | 1.960 | 5 | 13.7 | 22.6191 | |
| 05A | 391637 | 761522 | 06/13/1974 | 13.4 | 1.688 | 1.559 | 1 | 20.6 | 12.5883 | |
| 05A | 391637 | 761522 | 03/21/1974 | 13.4 | 1.317 | 1.112 | 1 | 30.7 | 11.9756 | |
| 05B | 391614 | 761403 | 03/21/1974 | .1 | 1.110 | 1.721 | 1 | 37.1 | 49.4768 | |
| 05B | 391614 | 761403 | 09/13/1974 | .1 | 1.360 | .981 | 1 | 22.4 | 11.7775 | |
| 05B | 391614 | 761403 | 12/14/1973 | .1 | 11.697 | 11.195 | 3 | 18.2 | 15.2937 | |
| 05B | 391614 | 761403 | 06/13/1974 | .1 | 1.361 | 1.414 | 1 | 24.0 | 18.5992 | |
| 05B | 391614 | 761403 | 09/20/1974 | 4.1 | 1.605 | 1.228 | 1 | 19.8 | 11.7775 | |
| 05B | 391614 | 761403 | 03/20/1974 | 4.1 | 1.256 | 1.083 | 1 | 33.3 | 11.7775 | |
| 05B | 391614 | 761403 | 06/13/1974 | 4.1 | | | | | | |
| 05B | 391614 | 761403 | 12/14/1973 | 4.1 | 1.433 | .840 | 2 | 18.4 | 6.9925 | |
| 05B | 391614 | 761403 | 03/20/1974 | 8.2 | 1.519 | 1.668 | 1 | 30.1 | 24.1436 | |
| 05B | 391614 | 761403 | 06/13/1974 | 8.2 | 1.667 | 1.582 | 1 | 16.7 | 12.7673 | |
| 05B | 391614 | 761403 | 12/14/1973 | 8.2 | 1.543 | .969 | 3 | 15.2 | 7.9650 | |
| 05B | 391614 | 761403 | 09/20/1974 | 8.2 | 1.998 | 2.040 | 1 | 17.6 | 25.7708 | |
| 06C | 391247 | 761507 | 03/20/1974 | .1 | 1.391 | 1.048 | 1 | 20.7 | | |
| 06C | 391247 | 761507 | 12/14/1973 | .1 | 1.493 | 1.028 | 2 | 17.0 | 8.2337 | |
| 06C | 391247 | 761507 | 09/20/1974 | .1 | 1.491 | 1.559 | 1 | 21.0 | 24.1436 | |
| 06C | 391247 | 761507 | 06/13/1974 | .1 | 1.583 | 1.496 | 4 | 17.9 | 22.6191 | |
| 06C | 391247 | 761507 | 12/14/1973 | 7.9 | 1.303 | .856 | 1 | 21.1 | 8.3350 | |
| 06C | 391247 | 761507 | 03/20/1974 | 7.9 | 1.587 | 1.236 | 1 | 15.2 | | |
| 06C | 391247 | 761507 | 09/20/1974 | 7.9 | 1.725 | 1.521 | 1 | 16.3 | 12.1737 | |
| 06C | 391247 | 761507 | 06/13/1974 | 7.9 | 2.210 | 1.892 | 4 | 17.5 | 38.1148 | |
| 06C | 391247 | 761507 | 12/14/1973 | 13.7 | 1.532 | 1.028 | 3 | 15.3 | 17.4248 | |
| 06C | 391247 | 761507 | 09/13/1974 | 13.7 | 2.663 | 2.916 | 1 | 13.9 | 31.3409 | |
| 06C | 391247 | 761507 | 06/13/1974 | 13.7 | 2.504 | 1.760 | 6 | 16.8 | 17.4248 | |
| 06C | 391247 | 761507 | 03/20/1974 | 13.7 | 1.293 | 1.167 | 1 | 30.8 | | |
| 07A | 391528 | 763423 | 03/21/1974 | .1 | 1.412 | 1.036 | 1 | 22.8 | 12.5700 | |
| 07A | 391528 | 763423 | 03/21/1974 | 5.0 | 1.261 | .950 | 1 | 30.2 | 14.3280 | |
| 07A | 391528 | 763423 | 03/21/1974 | 10.1 | 1.357 | 1.190 | 1 | 28.7 | 24.1436 | |
| 08B | 390848 | 762230 | 12/14/1973 | .1 | 1.328 | .911 | 1 | 23.2 | 12.5700 | |
| 08B | 390848 | 762230 | 12/14/1973 | 2.6 | 1.503 | 1.118 | 1 | 21.6 | 8.6933 | |
| 08B | 390848 | 762230 | 12/14/1973 | 5.2 | 1.734 | 1.513 | 1 | 24.5 | 13.4175 | |
| 08C | 390847 | 761902 | 12/12/1973 | .1 | 1.779 | 1.236 | 6 | 16.6 | 24.1436 | |
| 08C | 390847 | 761902 | 09/18/1974 | .1 | 1.345 | 1.152 | 1 | 28.4 | 12.5975 | 45.6 |
| 08C | 390847 | 761902 | 03/20/1974 | .1 | 1.262 | .876 | 1 | 29.5 | 10.3375 | |
| 08C | 390847 | 761902 | 06/13/1974 | .1 | 2.061 | 1.751 | 4 | 15.8 | 29.3618 | |
| 08C | 390847 | 761902 | 03/20/1974 | 6.4 | 1.464 | 1.083 | 1 | 21.1 | 12.5700 | |
| 08C | 390847 | 761902 | 09/18/1974 | 6.4 | 2.025 | 1.949 | 1 | 16.2 | 21.1908 | 14.2 |
| 08C | 390847 | 761902 | 06/13/1974 | 6.4 | 1.372 | 1.001 | 1 | 22.4 | 13.4175 | |
| 08C | 390847 | 761902 | 12/12/1973 | 6.4 | 1.610 | 1.146 | 1 | 16.9 | 10.1350 | |
| 08C | 390847 | 761902 | 06/13/1974 | 12.8 | 1.754 | 1.318 | 5 | 14.3 | 12.8708 | |
| 08C | 390847 | 761902 | 03/20/1974 | 12.8 | 1.533 | 1.440 | 1 | 23.0 | 19.8528 | |
| 08C | 390847 | 761902 | 12/12/1973 | 12.8 | 2.137 | 1.847 | 1 | 14.8 | 24.1436 | |
| 08C | 390847 | 761902 | 09/18/1974 | 12.8 | 1.716 | 1.610 | 1 | 20.6 | 17.4248 | 13.1 |
| 09A | 390411 | 761605 | 12/14/1973 | .1 | 1.613 | 1.234 | 1 | 19.5 | 12.1737 | |
| 09A | 390411 | 761605 | 03/21/1974 | .1 | 1.365 | 1.096 | 1 | 25.5 | 10.3375 | |
| 09A | 390411 | 761605 | 06/13/1974 | .1 | 1.457 | 1.908 | 1 | 26.8 | 38.1148 | |
| 09A | 390411 | 761605 | 09/18/1974 | .1 | 1.354 | 1.269 | 1 | 24.7 | 24.1436 | 71.8 |

| STA TION C402 | LATI TUDE C414 | LONGI TUDE C415 | DATE MM DD YY C403 | SAMPL DEPTH M C416 | MEAN MICRN C417 | SIGMA MICRN C418 | MODE CLASS C419 | CLASS DIAMTR C420 | COARSE MIDPT C421 | PERCT ORGANC C422 |
|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | |
| 09A | 390411 | 761605 | 06/13/1974 | 4.0 | 1.723 | 2.968 | 2 | 19.3 | 44.8892 | |
| 09A | 390411 | 761605 | 03/21/1974 | 4.0 | 1.695 | .966 | 4 | 20.5 | 13.4175 | |
| 09A | 390411 | 761605 | 09/13/1974 | 4.0 | 1.268 | 1.062 | 1 | 28.3 | 12.9937 | |
| 09A | 390411 | 761605 | 12/14/1973 | 4.0 | 1.937 | 1.346 | 1 | 11.3 | 16.3245 | |
| 09A | 390411 | 761605 | 06/13/1974 | 7.9 | 1.243 | 1.178 | 1 | 33.2 | 25.7708 | |
| 09A | 390411 | 761605 | 03/21/1974 | 7.9 | 1.845 | 1.518 | 5 | 17.1 | 27.5078 | |
| 09A | 390411 | 761605 | 09/18/1974 | 7.9 | 1.559 | 1.322 | 1 | 20.7 | 19.8528 | |
| 09A | 390411 | 761605 | 12/14/1973 | 7.9 | 1.975 | 1.514 | 3 | 13.3 | 13.4175 | |
| 10B | 390227 | 762136 | 06/13/1974 | .1 | 1.153 | .941 | 1 | 39.0 | 18.5992 | |
| 10B | 390227 | 762136 | 09/18/1974 | .1 | 1.445 | 1.181 | 1 | 24.7 | 19.8528 | 30.7 |
| 10B | 390227 | 762136 | 12/13/1973 | .1 | 1.793 | 1.706 | 1 | 16.9 | 22.6672 | |
| 10B | 390227 | 762136 | 03/20/1974 | .1 | 1.291 | .951 | 1 | 26.5 | 10.3375 | |
| 10B | 390227 | 762136 | 06/13/1974 | 6.0 | 1.476 | 1.163 | 1 | 24.7 | 10.0112 | |
| 10B | 390227 | 762136 | 09/18/1974 | 6.0 | 1.484 | 1.210 | 1 | 21.6 | 12.5700 | 15.9 |
| 10B | 390227 | 762136 | 12/13/1973 | 6.0 | 1.849 | 1.475 | 1 | 17.7 | 11.7775 | |
| 10B | 390227 | 762136 | 03/20/1974 | 6.0 | 1.425 | 1.057 | 1 | 20.2 | 9.6850 | |
| 10B | 390227 | 762136 | 09/13/1974 | 11.9 | 1.639 | 1.711 | 1 | 22.3 | 15.3197 | |
| 10B | 390227 | 762136 | 03/20/1974 | 11.9 | 1.709 | 1.502 | 1 | 17.0 | 18.5992 | |
| 10B | 390227 | 762136 | 12/13/1973 | 11.9 | 1.970 | 1.588 | 1 | 20.0 | 13.4175 | |
| 10B | 390227 | 762136 | 06/13/1974 | 11.9 | 1.172 | .911 | 1 | 33.9 | 11.7775 | |
| 11A | 385810 | 762458 | 03/20/1974 | .1 | 1.416 | 1.001 | 1 | 25.6 | 8.5200 | |
| 11A | 385810 | 762458 | 06/13/1974 | .1 | 1.416 | 1.121 | 1 | 22.5 | 10.1744 | |
| 11A | 385810 | 762458 | 03/20/1974 | 2.8 | 1.318 | .993 | 1 | 27.1 | 10.3375 | |
| 11A | 385810 | 762458 | 06/13/1974 | 2.8 | 1.348 | 1.092 | 1 | 21.6 | 14.3280 | |
| 11A | 385810 | 762458 | 03/20/1974 | 5.5 | 1.380 | 1.181 | 1 | 26.6 | 13.4175 | |
| 11A | 385810 | 762458 | 06/13/1974 | 5.5 | 1.225 | .874 | 1 | 26.9 | 13.4175 | |
| 11B | 385810 | 762348 | 09/18/1974 | .1 | 1.366 | 1.517 | 1 | 29.7 | 31.3409 | |
| 11B | 385756 | 762348 | 03/20/1974 | .1 | 1.232 | .949 | 1 | 30.2 | 11.7775 | |
| 11B | 385756 | 762348 | 12/12/1973 | .1 | 1.764 | 1.264 | 1 | 13.7 | 11.7775 | |
| 11B | 385756 | 762348 | 12/12/1973 | 7.0 | 1.514 | 1.271 | 1 | 24.3 | 10.2437 | |
| 11B | | | 03/20/1974 | 7.0 | 1.278 | .947 | 1 | 24.1 | 7.9650 | |
| 11B | 385810 | 762348 | 09/18/1974 | 7.0 | 1.330 | 1.010 | 1 | 25.2 | 11.7775 | |
| 11B | 385756 | 762348 | 12/12/1973 | 14.0 | 2.000 | 1.867 | 1 | 14.9 | 19.8528 | |
| 11B | 385810 | 762348 | 09/18/1974 | 14.0 | 1.453 | 1.022 | 1 | 19.3 | 12.5700 | |
| 11B | | | 03/20/1974 | 14.0 | 1.499 | 1.282 | 1 | 25.5 | 16.3245 | |

DITTO WH SAME:

| SAMPL NUMBR C501 | STAT ION C502 | SAMPLE TYPE AND UNITS C506 | DATE MM DD YY C503 | TIME HRS C504 | SAMPLE DEPT M C505 | SUS SED MG L C520 | TOTAL PCB C508 | 1242 AROCLOR C509 | 1248 AROCLOR C510 | 1254 AROCLOR C511 | 1262 AROCLOR C512 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | |
| 1388 | 04A | BENTH WET PPM | 09/20/1974 | | | | .0810 | .0000 | .0510 | .0097 | .0200 |
| 1086 | 05C | BENTH WET PPM | 05/03/1974 | 1335 | | | .0090 | .0000 | .0000 | .0090 | .0000 |
| 1171 | 05C | BENTH WET PPM | 05/03/1974 | | | | .3500 | .0000 | .0230 | .1200 | .2100 |
| 1380 | 05C | BENTH WET PPM | 08/02/1974 | | | | .1200 | .0000 | .0270 | .0069 | .0820 |
| 1077 | 06A | BENTH WET PPM | 03/22/1974 | 1125 | | | .0310 | .0000 | .0000 | .0310 | .0000 |
| 1084 | 06A | BENTH WET PPM | 05/03/1974 | 1155 | | | .0870 | .0000 | .0000 | .0870 | .0000 |
| 1378 | 06A | BENTH WET PPM | 08/02/1974 | | | | .0890 | .0000 | .0230 | .0300 | .0360 |
| 1385 | 06A | BENTH WET PPM | 09/20/1974 | | | | .0580 | .0000 | .0000 | .0210 | .0370 |
| 1079 | 06B | BENTH WET PPM | 03/22/1974 | 1145 | | | .0510 | .0000 | .0000 | .0510 | .0000 |
| 1080 | 06C | BENTH WET PPM | 03/22/1974 | 1200 | | | .0310 | .0000 | .0000 | .0310 | .0000 |
| 1085 | 06C | BENTH WET PPM | 05/03/1974 | 1255 | | | .0020 | .0000 | .0000 | .0020 | .0000 |
| 1379 | 06C | BENTH WET PPM | 08/02/1974 | | | | .0450 | .0000 | .0059 | .0130 | .0260 |
| 1386 | 06C | BENTH WET PPM | 09/20/1974 | | | | .0930 | .0000 | .0000 | .0320 | .0610 |
| 1081 | 08A | BENTH WET PPM | 03/22/1974 | | | | .0940 | .0000 | .0000 | .0940 | .0000 |
| 1369 | 08A | BENTH WET PPM | 03/22/1974 | 1200 | | | .0460 | .0000 | .0000 | .0460 | .0000 |
| 1376 | 08A | BENTH WET PPM | 08/02/1974 | | | | .0740 | .0000 | .0240 | .0150 | .0350 |
| 1377 | 08A | BENTH WET PPM | 08/26/1974 | | | | .1500 | .0000 | .0650 | .0350 | .0460 |
| 1384 | 08A | BENTH WET PPM | 09/20/1974 | | | | .0084 | .0000 | .0028 | .0020 | .0036 |
| 1187 | 08B | BENTH WET PPM | 01/25/1974 | 1740 | | | .0210 | .0000 | .0000 | .0210 | .0000 |
| 1519 | 08B | BENTH WET PPM | 03/20/1974 | | | | .0430 | .0000 | .0000 | .0200 | .0230 |
| 1189 | 10A | BENTH WET PPM | 01/25/1974 | 1635 | | | .0310 | .0000 | .0000 | .0310 | .0000 |
| 1367 | 10A | BENTH WET PPM | 03/22/1974 | 935 | | | .0560 | .0250 | .0000 | .0310 | .0004 |
| 1365 | 10A | BENTH WET PPM | 03/22/1974 | 930 | | | 1.2000 | .0000 | .0000 | .6100 | .5900 |
| 1372 | 10A | BENTH WET PPM | 05/03/1974 | | | | .0640 | .0000 | .0000 | .0430 | .0210 |
| 1381 | 10A | BENTH WET PPM | 08/02/1974 | 925 | | | .0290 | .0110 | .0000 | .0180 | .0000 |
| 1374 | 10A | BENTH WET PPM | 08/02/1974 | 910 | | | .0150 | .0000 | .0000 | .0150 | .0000 |
| 1382 | 10A | BENTH WET PPM | 09/20/1974 | | | | .0290 | .0000 | .0000 | .0210 | .0090 |
| 1141 | 11A | BENTH WET PPM | 03/20/1974 | | | | .0000 | .0000 | .0000 | .0000 | .0000 |
| 728 | 001 | BOTM SED PPM | 10/10/1973 | | | | .3600 | .0000 | .0000 | .2900 | .0700 |
| 729 | 002 | BOTM SED PPM | 10/10/1973 | | | | .5500 | .0000 | .0000 | .4300 | .1200 |
| 730 | 003 | BOTM SED PPM | 10/10/1973 | | | | 1.2000 | 1.1000 | .0000 | .0770 | .0000 |
| 731 | 004 | BOTM SED PPM | 10/10/1973 | | | | .1100 | .0000 | .0600 | .0400 | .0100 |
| 732 | 005 | BOTM SED PPM | 10/10/1973 | | | | .9300 | .0000 | .0000 | .5600 | .3700 |
| 733 | 006 | BOTM SED PPM | 10/10/1973 | | | | 3.7000 | .0000 | .0000 | 3.4000 | .2700 |
| 734 | 007 | BOTM SED PPM | 10/10/1973 | | | | .8400 | .0000 | .6700 | .1700 | .0000 |
| 735 | 008 | BOTM SED PPM | 10/10/1973 | | | | .1100 | .0590 | .0000 | .0360 | .0100 |
| 736 | 009 | BOTM SED PPM | 10/10/1973 | | | | .7200 | .0000 | .5100 | .2000 | .0100 |
| 996 | 01A | BOTM SED PPM | 03/21/1974 | | | | .0110 | .0054 | .0000 | .0035 | .0017 |
| 1303 | 01A | BOTM SED PPM | 07/10/1974 | | | | .0120 | .0068 | .0000 | .0018 | .0030 |
| 1426 | 01A | BOTM SED PPM | 10/25/1974 | | | | .0560 | .0000 | .0250 | .0220 | .0094 |
| 738 | 011 | BOTM SED PPM | 10/10/1973 | | | | .0220 | .0000 | .0000 | .0220 | .0000 |
| 739 | 012 | BOTM SED PPM | 10/10/1973 | | | | .0980 | .0000 | .0000 | .0980 | .0000 |
| 741 | 014 | BOTM SED PPM | 10/10/1973 | | | | .0600 | .0000 | .0160 | .0440 | .0000 |
| 746 | 018 | BOTM SED PPM | 10/12/1973 | | | | .1700 | .0000 | .0000 | .1500 | .0160 |
| 747 | 019 | BOTM SED PPM | 10/12/1973 | | | | .2200 | .0000 | .1300 | .0760 | .0170 |
| 748 | 020 | BOTM SED PPM | 10/12/1973 | | | | .1600 | .0000 | .0000 | .1400 | .0240 |
| 749 | 021 | BOTM SED PPM | 10/12/1973 | | | | .2100 | .0000 | .1500 | .0550 | .0000 |
| 750 | 022 | BOTM SED PPM | 10/12/1973 | | | | 1.3000 | .0000 | .8600 | .3900 | .0000 |
| 751 | 023 | BOTM SED PPM | 10/16/1973 | | | | .0850 | .0000 | .0700 | .0150 | .0000 |
| 752 | 024 | BOTM SED PPM | 10/12/1973 | | | | .1700 | .0000 | .0000 | .1700 | .0000 |

| SAMPL NUMBR C501 | STAT ION C502 | SAMPLE TYPE AND UNITS C506 | DATE MM DD YY C503 | TIME HRS C504 | SAMPLE DEPT M C505 | SUS SED MG L C520 | TOTAL PCB C508 | 1242 AROCLOR C509 | 1248 AROCLOR C510 | 1254 AROCLOR C511 | 1262 AROCLOR C512 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | |
| 753 | 025 | BOTM SED PPM | 10/16/1973 | | | | .1300 | .0000 | .0000 | .1300 | .0000 |
| 755 | 027 | BOTM SED PPM | 10/16/1973 | | | | .0650 | .0000 | .0000 | .0650 | .0000 |
| 756 | 028 | BOTM SED PPM | 10/16/1973 | | | | .2000 | .0000 | .0930 | .1100 | .0000 |
| 760 | 032 | BOTM SED PPM | 10/16/1973 | | | | .0870 | .0000 | .0000 | .0870 | .0000 |
| 761 | 033 | BOTM SED PPM | 10/16/1973 | | | | .1900 | .0000 | .0950 | .0950 | .0000 |
| 762 | 034 | BOTM SED PPM | 10/16/1973 | | | | .1900 | .1500 | .0000 | .0430 | .0000 |
| 763 | 035 | BOTM SED PPM | 10/16/1973 | | | | .1900 | .0500 | .0000 | .1400 | .0000 |
| 764 | 036 | BOTM SED PPM | 10/16/1973 | | | | .0350 | .0000 | .0000 | .0350 | .0000 |
| 765 | 037 | BOTM SED PPM | 10/16/1973 | | | | .0000 | .0000 | .0000 | .0000 | .0000 |
| 766 | 038 | BOTM SED PPM | 10/16/1973 | | | | .0360 | .0000 | .0000 | .0360 | .0000 |
| 768 | 040 | BOTM SED PPM | 10/16/1973 | | | | .0460 | .0000 | .0000 | .0460 | .0000 |
| 769 | 041 | BOTM SED PPM | 10/16/1973 | | | | .1700 | .1200 | .0000 | .0450 | .0000 |
| 771 | 042 | BOTM SED PPM | 10/16/1973 | | | | .0180 | .0000 | .0000 | .0180 | .0000 |
| 772 | 043 | BOTM SED PPM | 10/16/1973 | | | | .0000 | .0000 | .0000 | .0000 | .0000 |
| 774 | 045 | BOTM SED PPM | 10/15/1973 | | | | .1100 | .0000 | .0000 | .1100 | .0000 |
| 775 | 046 | BOTM SED PPM | 10/15/1973 | | | | .1500 | .0000 | .0490 | .0860 | .0160 |
| 777 | 048 | BOTM SED PPM | 10/15/1973 | | | | .0710 | .0000 | .0250 | .0390 | .0070 |
| 811 | 05A | BOTM SED PPM | 12/13/1973 | | | | .0690 | .0002 | .0000 | .0250 | .0440 |
| 978 | 05A | BOTM SED PPM | 03/21/1974 | | | | .0350 | .0250 | .0000 | .0074 | .0024 |
| 1302 | 05A | BOTM SED PPM | 07/09/1974 | | | | .0260 | .0140 | .0000 | .0100 | .0015 |
| 1425 | 05A | BOTM SED PPM | 10/25/1974 | | | | .0740 | .0000 | .0520 | .0150 | .0066 |
| 779 | 050 | BOTM SED PPM | 10/15/1973 | | | | .0240 | .0000 | .0130 | .0110 | .0000 |
| 1002 | 07A | BOTM SED PPM | 03/19/1974 | | | | .0520 | .0360 | .0000 | .0110 | .0053 |
| 1298 | 07A | BOTM SED PPM | 07/08/1974 | | | | .3000 | .0000 | .1200 | .1200 | .0590 |
| 1423 | 07B | BOTM SED PPM | 10/25/1974 | | | | 1.2000 | .0000 | .2900 | .2000 | .7000 |
| 810 | 10B | BOTM SED PPM | 12/12/1973 | | | | .0360 | .0000 | .0000 | .0120 | .0240 |
| 999 | 10B | BOTM SED PPM | 03/20/1974 | | | | .0530 | .0270 | .0000 | .0140 | .0120 |
| 1301 | 10B | BOTM SED PPM | 07/09/1974 | | | | .0550 | .0290 | .0000 | .0140 | .0120 |
| 1424 | 10B | BOTM SED PPM | 10/25/1974 | | | | .1000 | .0000 | .0520 | .0330 | .0150 |
| 809 | 11A | BOTM SED PPM | 12/12/1973 | 1015 | | | .0520 | .0000 | .0000 | .0520 | .0000 |
| 1300 | 11A | BOTM SED PPM | 07/09/1974 | | | | .0930 | .0000 | .0570 | .0220 | .0140 |
| 1000 | 11C | BOTM SED PPM | 03/20/1974 | | | | .3400 | .0000 | .1300 | .1000 | .1100 |
| 1075 | 0FS | GRWAT H20 PPT | 05/03/1974 | 845 | | | 26.0000 | .0000 | .0000 | 26.0000 | .0000 |
| 1255 | 0FS | GRWAT H20 PPT | 07/17/1974 | 1030 | | | 1.0000 | .0000 | .0000 | 1.0000 | .0000 |
| 1318 | 0FS | GRWAT H20 PPT | 09/04/1974 | 830 | | | 7.8000 | .0000 | .0000 | 2.7000 | 5.1000 |
| 1421 | 0FS | GRWAT H20 PPT | 10/16/1974 | 1030 | | | 1.7000 | .0000 | .0000 | 1.3000 | .4200 |
| 1486 | 0FS | GRWAT H20 PPT | 11/05/1974 | 1200 | | | 8.5000 | .0000 | .0000 | 8.5000 | .0000 |
| 787 | 01A | PLANK H20 PPT | 12/13/1973 | | | | .3600 | .0000 | .0000 | .3600 | .0000 |
| 881 | 01A | PLANK H20 PPT | 01/24/1974 | | | | .0017 | .0000 | .0009 | .0008 | .0000 |
| 1173 | 01A | PLANK H20 PPT | 03/21/1974 | | | | .1500 | .0000 | .0000 | .1500 | .0000 |
| 1185 | 01A | PLANK H20 PPT | 05/03/1974 | | | | .0000 | .0000 | .0000 | .0000 | .0000 |
| 1304 | 01A | PLANK H20 PPT | 06/13/1974 | | | | .0000 | .0000 | .0000 | .0000 | .0000 |
| 1254 | 01A | PLANK H20 PPT | 07/10/1974 | | | | .0032 | .0000 | .0000 | .0021 | .0011 |
| 1327 | 01A | PLANK H20 PPT | 09/18/1974 | | | | .0140 | .0000 | .0034 | .0094 | .0009 |
| 882 | 03B | PLANK H20 PPT | 01/24/1974 | | | | .0110 | .0000 | .0000 | .0110 | .0000 |
| 1174 | 03B | PLANK H20 PPT | 03/21/1974 | | | | .1600 | .0000 | .0000 | .1600 | .0000 |
| 1184 | 03B | PLANK H20 PPT | 05/03/1974 | | | | .0160 | .0000 | .0079 | .0062 | .0016 |
| 1306 | 03B | PLANK H20 PPT | 06/13/1974 | | | | .0021 | .0000 | .0005 | .0013 | .0003 |
| 1251 | 03B | PLANK H20 PPT | 07/10/1974 | | | | .0021 | .0000 | .0000 | .0021 | .0000 |
| 1331 | 03B | PLANK H20 PPT | 09/20/1974 | | | | .0070 | .0000 | .0049 | .0017 | .0004 |

BIOCHEMISTRY DATA REPORT PART-A
75/07/18.

| SAMPL NUMBR C501 | STAT ION C502 | SAMPLE TYPE AND UNITS C506 | DATE MM DD YY C503 | TIME HRS C504 | SAMPLE DEPT M C505 | SUS SED MG L C520 | TOTAL PCB C508 | 1242 AROCLOR C509 | 1248 AROCLOR C510 | 1254 AROCLOR C511 | 1262 AROCLOR C512 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | |
| 786 | 05A | PLANK H20 PPT | 12/13/1973 | | | | .1500 | .0000 | .0000 | .1500 | .0000 |
| 880 | 05A | PLANK H20 PPT | 01/24/1974 | | | | .0120 | .0000 | .0061 | .0054 | .0000 |
| 1172 | 05A | PLANK H20 PPT | 03/21/1974 | | | | .0091 | .0000 | .0000 | .0042 | .0049 |
| 1183 | 05A | PLANK H20 PPT | 05/03/1974 | | | | .0005 | .0000 | .0000 | .0005 | .0000 |
| 1311 | 05A | PLANK H20 PPT | 06/13/1974 | | | | .0001 | .0000 | .0000 | .0001 | .0000 |
| 1250 | 05A | PLANK H20 PPT | 07/09/1974 | | | | .0038 | .0000 | .0000 | .0022 | .0016 |
| 1329 | 05A | PLANK H20 PPT | 09/19/1974 | | | | .0008 | .0000 | .0000 | .0008 | .0000 |
| 883 | 05B | PLANK H20 PPT | 01/24/1974 | | | | .0025 | .0012 | .0000 | .0005 | .0008 |
| 1175 | 05B | PLANK H20 PPT | 03/21/1974 | | | | .0270 | .0000 | .0210 | .0058 | .0000 |
| 1186 | 05B | PLANK H20 PPT | 05/03/1974 | | | | .0027 | .0000 | .0000 | .0018 | .0009 |
| 788 | 07A | PLANK H20 PPT | 12/14/1973 | | | | 1.3000 | .0000 | .4300 | .8900 | .0000 |
| 877 | 07A | PLANK H20 PPT | 01/23/1974 | | | | .0120 | .0000 | .0000 | .0120 | .0000 |
| 1166 | 07A | PLANK H20 PPT | 03/19/1974 | | | | .0660 | .0000 | .0470 | .0004 | .0100 |
| 1310 | 07A | PLANK H20 PPT | 06/11/1974 | | | | .0028 | .0000 | .0000 | .0019 | .0009 |
| 1176 | 07B | PLANK H20 PPT | 05/01/1974 | | | | .0010 | .0000 | .0045 | .0054 | .0000 |
| 1305 | 07B | PLANK H20 PPT | 06/11/1974 | | | | .0056 | .0030 | .0000 | .0023 | .0003 |
| 1248 | 07B | PLANK H20 PPT | 07/08/1974 | | | | .0000 | .0000 | .0000 | .0000 | .0000 |
| 1324 | 07B | PLANK H20 PPT | 09/18/1974 | | | | .0022 | .0000 | .0000 | .0022 | .0000 |
| 816 | 08A | PLANK H20 PPT | 12/14/1973 | | | | .0170 | .0000 | .0000 | .0170 | .0000 |
| 879 | 08B | PLANK H20 PPT | 01/24/1974 | | | | .0180 | .0000 | .0078 | .0100 | .0000 |
| 1171 | 08B | PLANK H20 PPT | 03/20/1974 | | | | .0740 | .0000 | .0078 | .0800 | .0059 |
| 1182 | 08B | PLANK H20 PPT | 05/02/1974 | | | | .0001 | .0000 | .0000 | .0001 | .0000 |
| 1307 | 08B | PLANK H20 PPT | 06/13/1974 | | | | .0021 | .0000 | .0005 | .0012 | .0004 |
| 884 | 08C | PLANK H20 PPT | 01/24/1974 | | | | .0064 | .0039 | .0000 | .0010 | .0015 |
| 1170 | 08C | PLANK H20 PPT | 03/20/1974 | | | | .0110 | .0000 | .0000 | .0069 | .0039 |
| 1181 | 08C | PLANK H20 PPT | 05/02/1974 | | | | .0001 | .0000 | .0000 | .0001 | .0000 |
| 1308 | 08C | PLANK H20 PPT | 06/12/1974 | | | | .0001 | .0000 | .0000 | .0001 | .0000 |
| 1249 | 08C | PLANK H20 PPT | 07/09/1974 | | | | .0003 | .0000 | .0000 | .0003 | .0000 |
| 1330 | 08C | PLANK H20 PPT | 09/19/1974 | | | | .0000 | .0000 | .0000 | .0000 | .0000 |
| 817 | 09A | PLANK H20 PPT | 12/14/1973 | | | | .1000 | .0000 | .0000 | .1000 | .0000 |
| 820 | 09A | PLANK H20 PPT | 01/17/1974 | | | | .0029 | .0000 | .0000 | .0029 | .0000 |
| 822 | 09B | PLANK H20 PPT | 01/17/1974 | | | | .0400 | .0000 | .0000 | .0400 | .0000 |
| 821 | 09C | PLANK H20 PPT | 01/17/1974 | | | | .0100 | .0000 | .0000 | .0100 | .0000 |
| 818 | 10B | PLANK H20 PPT | 12/12/1973 | | | | .0320 | .0000 | .0000 | .0320 | .0000 |
| 878 | 10B | PLANK H20 PPT | 01/23/1974 | | | | .0090 | .0000 | .0000 | .0090 | .0000 |
| 1169 | 10B | PLANK H20 PPT | 03/20/1974 | | | | .0360 | .0000 | .0140 | .0190 | .0027 |
| 1180 | 10B | PLANK H20 PPT | 05/02/1974 | | | | .0001 | .0000 | .0000 | .0000 | .0000 |
| 1312 | 10B | PLANK H20 PPT | 06/12/1974 | | | | .0001 | .0000 | .0000 | .0001 | .0001 |
| 1245 | 10B | PLANK H20 PPT | 07/09/1974 | | | | .0008 | .0000 | .0000 | .0008 | .0000 |
| 1332 | 10B | PLANK H20 PPT | 09/19/1974 | | | | .0002 | .0000 | .0001 | .0001 | .0000 |
| 789 | 11A | PLANK H20 PPT | 12/12/1973 | | | | .1500 | .0000 | .0000 | .1500 | .0000 |
| 875 | 11A | PLANK H20 PPT | 01/23/1974 | | | | .0093 | .0000 | .0000 | .0093 | .0000 |
| 1167 | 11A | PLANK H20 PPT | 03/20/1974 | | | | .0090 | .0000 | .0000 | .0070 | .0020 |
| 1179 | 11A | PLANK H20 PPT | 05/02/1974 | | | | .0008 | .0000 | .0000 | .0008 | .0000 |
| 1246 | 11A | PLANK H20 PPT | 07/09/1974 | | | | .0008 | .0000 | .0000 | .0007 | .0001 |
| 1325 | 11A | PLANK H20 PPT | 09/19/1974 | | | | .0022 | .0000 | .0008 | .0013 | .0001 |
| 876 | 11C | PLANK H20 PPT | 01/23/1974 | | | | .0001 | .0000 | .0000 | .0001 | .0000 |
| 1168 | 11C | PLANK H20 PPT | 03/20/1974 | | | | .0250 | .0000 | .0000 | .0140 | .0110 |
| 1178 | 11C | PLANK H20 PPT | 05/02/1974 | | | | .0001 | .0000 | .0000 | .0001 | .0000 |
| 1313 | 11C | PLANK H20 PPT | 06/12/1974 | | | | .0000 | .0000 | .0000 | .0000 | .0000 |

| SAMPL NUMBR C501 | STAT TON C502 | SAMPLE TYPE AND UNITS C506 | DATE MM DD YY C503 | TIME HRS C504 | SAMPLE DEPT M C505 | SUS SED MG L C520 | TOTAL PCB C508 | 1242 AROCLOR C509 | 1248 AROCLOR C510 | 1254 AROCLOR C511 | 1262 AROCLOR C512 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | |
| 1253 | 11C | PLANK H20 PPT | 07/09/1974 | | | | .0007 | .0000 | .0000 | .0006 | .0001 |
| 1326 | 11C | PLANK H20 PPT | 09/19/1974 | | | | .0018 | .0000 | .0011 | .0007 | .0000 |
| 1177 | 11D | PLANK H20 PPT | 05/01/1974 | | | | .0020 | .0000 | .0000 | .0015 | .0005 |
| 1309 | 11D | PLANK H20 PPT | 06/11/1974 | | | | .0011 | .0000 | .0002 | .0007 | .0002 |
| 1247 | 11D | PLANK H20 PPT | 07/08/1974 | | | | .0019 | .0000 | .0018 | .0001 | .0000 |
| 1252 | 11E | PLANK H20 PPT | 07/09/1974 | | | | .0046 | .0000 | .0000 | .0029 | .0017 |
| 787 | 01A | PLANK WET PPM | 12/13/1973 | | | | 7.5000 | .0000 | .0000 | 7.5000 | .0000 |
| 881 | 01A | PLANK WET PPM | 01/24/1974 | | | | .0900 | .0000 | .0490 | .0410 | .0000 |
| 1173 | 01A | PLANK WET PPM | 03/21/1974 | | | | 5.6000 | .0000 | .0000 | 5.6000 | .0000 |
| 1185 | 01A | PLANK WET PPM | 05/03/1974 | | | | .0061 | .0000 | .0000 | .0061 | .0000 |
| 1304 | 01A | PLANK WET PPM | 06/13/1974 | | | | .0000 | .0000 | .0000 | .0000 | .0000 |
| 1254 | 01A | PLANK WET PPM | 07/10/1974 | | | | .2300 | .0000 | .0000 | .1500 | .0770 |
| 1327 | 01A | PLANK WET PPM | 09/18/1974 | | | | .2900 | .0000 | .0730 | .2000 | .0180 |
| 882 | 03B | PLANK WET PPM | 01/24/1974 | | | | .3200 | .0000 | .0000 | .3200 | .0000 |
| 1174 | 03B | PLANK WET PPM | 03/21/1974 | | | | 7.2000 | .0000 | .0000 | 7.2000 | .0000 |
| 1184 | 03B | PLANK WET PPM | 05/03/1974 | | | | .3700 | .0000 | .1800 | .1500 | .0370 |
| 1306 | 03B | PLANK WET PPM | 06/13/1974 | | | | .2300 | .0000 | .0530 | .1400 | .0340 |
| 1251 | 03B | PLANK WET PPM | 07/10/1974 | | | | 2.1000 | .0000 | .0000 | 2.1000 | .0000 |
| 1331 | 03B | PLANK WET PPM | 09/20/1974 | | | | .0450 | .0000 | .0320 | .0100 | .0030 |
| 786 | 05A | PLANK WET PPM | 12/13/1973 | | | | 1.8000 | .0000 | .0000 | 1.8000 | .0000 |
| 880 | 05A | PLANK WET PPM | 01/24/1974 | | | | .9600 | .0000 | .5100 | .4500 | .0000 |
| 1172 | 05A | PLANK WET PPM | 03/21/1974 | | | | .4100 | .0000 | .0000 | .1900 | .2200 |
| 1183 | 05A | PLANK WET PPM | 05/03/1974 | | | | .0330 | .0000 | .0000 | .0330 | .0000 |
| 1311 | 05A | PLANK WET PPM | 06/13/1974 | | | | .1200 | .0000 | .0000 | .0780 | .0400 |
| 1250 | 05A | PLANK WET PPM | 07/09/1974 | | | | .0790 | .0000 | .0000 | .0450 | .0340 |
| 1329 | 05A | PLANK WET PPM | 09/19/1974 | | | | .0450 | .0000 | .0000 | .0450 | .0000 |
| 883 | 05B | PLANK WET PPM | 01/24/1974 | | | | .3400 | .1600 | .0000 | .0700 | .1100 |
| 1175 | 05B | PLANK WET PPM | 03/21/1974 | | | | .0730 | .0000 | .0570 | .0160 | .0000 |
| 1186 | 05B | PLANK WET PPM | 05/03/1974 | | | | .1200 | .0000 | .0000 | .0830 | .0410 |
| 788 | 07A | PLANK WET PPM | 12/14/1973 | | | | 1.2000 | .0000 | .3900 | .8000 | .0000 |
| 877 | 07A | PLANK WET PPM | 01/23/1974 | | | | .0250 | .0000 | .0000 | .0250 | .0000 |
| 1166 | 07A | PLANK WET PPM | 03/19/1974 | | | | .0810 | .0000 | .0570 | .0120 | .0120 |
| 1310 | 07A | PLANK WET PPM | 06/11/1974 | | | | .0710 | .0000 | .0000 | .0490 | .0220 |
| 1176 | 07B | PLANK WET PPM | 05/01/1974 | | | | .1700 | .0000 | .0780 | .0940 | .0000 |
| 1305 | 07B | PLANK WET PPM | 06/11/1974 | | | | .4600 | .2500 | .0000 | .1900 | .0240 |
| 1248 | 07B | PLANK WET PPM | 07/08/1974 | | | | .0000 | .0000 | .0000 | .0000 | .0000 |
| 1324 | 07B | PLANK WET PPM | 09/18/1974 | | | | .1300 | .0000 | .0000 | .1300 | .0000 |
| 816 | 08A | PLANK WET PPM | 12/14/1973 | | | | .2700 | .0000 | .0000 | .2700 | .0000 |
| 879 | 08B | PLANK WET PPM | 01/24/1974 | | | | .4900 | .0000 | .2100 | .2800 | .0000 |
| 1171 | 08B | PLANK WET PPM | 03/20/1974 | | | | .2500 | .0000 | .0210 | .2100 | .0160 |
| 1182 | 08B | PLANK WET PPM | 05/02/1974 | | | | .0360 | .0000 | .0000 | .0360 | .0000 |
| 1307 | 08B | PLANK WET PPM | 06/13/1974 | | | | .5200 | .0000 | .1100 | .3000 | .1100 |
| 884 | 08C | PLANK WET PPM | 01/24/1974 | | | | .1900 | .1200 | .0000 | .0300 | .0440 |
| 1170 | 08C | PLANK WET PPM | 03/20/1974 | | | | .0250 | .0000 | .0000 | .0160 | .0090 |
| 1181 | 08C | PLANK WET PPM | 05/02/1974 | | | | .1700 | .0000 | .0000 | .1700 | .0000 |
| 1308 | 08C | PLANK WET PPM | 06/12/1974 | | | | .0290 | .0000 | .0000 | .0290 | .0000 |
| 1249 | 08C | PLANK WET PPM | 07/09/1974 | | | | .0620 | .0000 | .0000 | .0620 | .0000 |
| 1330 | 08C | PLANK WET PPM | 09/19/1974 | | | | .0000 | .0000 | .0000 | .0000 | .0000 |
| 817 | 09A | PLANK WET PPM | 12/14/1973 | | | | .9000 | .0000 | .0000 | .9000 | .0000 |
| 820 | 09A | PLANK WET PPM | 01/17/1974 | | | | .0250 | .0000 | .0000 | .0250 | .0000 |

BIOCHEMISTRY DATA REPORT PART-A
75/07/18.

| SAMPL NUMBR C501 | STAT ION C502 | SAMPLE TYPE AND UNITS C506 | DATE MM DD YY C503 | TIME HRS C504 | SAMPLE DEPT M C505 | SUS SED MG L C520 | TOTAL PCB C508 | 1242 AROCLOR C509 | 1248 AROCLOR C510 | 1254 AROCLOR C511 | 1262 AROCLOR C512 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | |
| 822 | 09B | PLANK WET PPM | 01/17/1974 | | | | .0880 | .0000 | .0000 | .0880 | .0000 |
| 821 | 09C | PLANK WET PPM | 01/17/1974 | | | | .0220 | .0000 | .0000 | .0220 | .0000 |
| 818 | 10B | PLANK WET PPM | 12/12/1973 | | | | .3100 | .0000 | .0000 | .3100 | .0000 |
| 878 | 10B | PLANK WET PPM | 01/23/1974 | | | | .1600 | .0000 | .0000 | .1600 | .0000 |
| 1169 | 10B | PLANK WET PPM | 03/20/1974 | | | | .1200 | .0000 | .0450 | .0640 | .0091 |
| 1180 | 10B | PLANK WET PPM | 05/02/1974 | | | | .0440 | .0000 | .0220 | .0220 | .0000 |
| 1312 | 10B | PLANK WET PPM | 06/12/1974 | | | | .0071 | .0000 | .0000 | .0045 | .0026 |
| 1245 | 10B | PLANK WET PPM | 07/09/1974 | | | | .0810 | .0000 | .0000 | .0810 | .0000 |
| 1332 | 10B | PLANK WET PPM | 09/19/1974 | | | | .0159 | .0000 | .0092 | .0057 | .0010 |
| 789 | 11A | PLANK WET PPM | 12/12/1973 | | | | .1100 | .0000 | .0000 | .1100 | .0000 |
| 875 | 11A | PLANK WET PPM | 01/23/1974 | | | | .0790 | .0000 | .0000 | .0790 | .0000 |
| 1167 | 11A | PLANK WET PPM | 03/20/1974 | | | | .0360 | .0000 | .0000 | .0280 | .0079 |
| 1179 | 11A | PLANK WET PPM | 05/02/1974 | | | | .1100 | .0000 | .0000 | .1100 | .0000 |
| 1246 | 11A | PLANK WET PPM | 07/09/1974 | | | | .0230 | .0000 | .0000 | .0190 | .0038 |
| 1325 | 11A | PLANK WET PPM | 09/19/1974 | | | | .0430 | .0000 | .0160 | .0250 | .0024 |
| 876 | 11C | PLANK WET PPM | 01/23/1974 | | | | .0006 | .0000 | .0000 | .0006 | .0000 |
| 1168 | 11C | PLANK WET PPM | 03/20/1974 | | | | .0260 | .0000 | .0000 | .0150 | .0110 |
| 1178 | 11C | PLANK WET PPM | 05/02/1974 | | | | .0110 | .0000 | .0000 | .0110 | .0000 |
| 1313 | 11C | PLANK WET PPM | 06/12/1974 | | | | .0180 | .0000 | .0000 | .0180 | .0000 |
| 1253 | 11C | PLANK WET PPM | 07/09/1974 | | | | .0140 | .0000 | .0000 | .0120 | .0018 |
| 1326 | 11C | PLANK WET PPM | 09/19/1974 | | | | .0380 | .0000 | .0230 | .0150 | .0004 |
| 1177 | 11D | PLANK WET PPM | 05/01/1974 | | | | .0220 | .0000 | .0000 | .0170 | .0054 |
| 1309 | 11D | PLANK WET PPM | 06/11/1974 | | | | .2700 | .0000 | .0400 | .1700 | .0560 |
| 1247 | 11D | PLANK WET PPM | 07/08/1974 | | | | .0140 | .0000 | .0130 | .0005 | .0000 |
| 1252 | 11E | PLANK WET PPM | 07/09/1974 | | | | .2500 | .0000 | .0000 | .1600 | .0910 |
| 784 | 01A | S SED DRY PPM | 12/13/1973 | 1530 | 2.0 | 42.57 | .7100 | .0000 | .0000 | .7100 | .0000 |
| 782 | 01A | S SED DRY PPM | 12/13/1973 | 1445 | 8.0 | 42.70 | 1.3000 | .0000 | .0000 | 1.3000 | .0000 |
| 992 | 01A | S SED DRY PPM | 01/24/1974 | 1305 | 2.0 | 35.03 | .7900 | .0000 | .0000 | .6500 | .1400 |
| 897 | 01A | S SED DRY PPM | 03/21/1974 | 1157 | .0 | 11.30 | .1400 | .0000 | .0000 | .1400 | .0000 |
| 898 | 01A | S SED DRY PPM | 03/21/1974 | 1145 | 13.0 | 14.86 | .1300 | .0000 | .0000 | .1300 | .0000 |
| 1073 | 01A | S SED DRY PPM | 05/03/1974 | 1107 | .0 | 9.58 | .7200 | .0000 | .0000 | .7200 | .0000 |
| 1072 | 01A | S SED DRY PPM | 05/03/1974 | 1055 | 12.0 | 16.73 | .6400 | .0000 | .3700 | .0860 | .1800 |
| 799 | 05A | S SED DRY PPM | 12/13/1973 | 1045 | 10.0 | 24.87 | .3500 | .0000 | .0000 | .3000 | .0530 |
| 989 | 05A | S SED DRY PPM | 01/24/1974 | 936 | 2.0 | 9.53 | .8300 | .5000 | .0000 | .2600 | .0650 |
| 988 | 05A | S SED DRY PPM | 01/24/1974 | 932 | 6.0 | 19.86 | .8800 | .3900 | .0000 | .3800 | .1100 |
| 981 | 05A | S SED DRY PPM | 03/21/1974 | 753 | 2.0 | 27.93 | .6200 | .3200 | .0000 | .2300 | .0720 |
| 0980 | 05A | S SED DRY PPM | 03/21/1974 | 845 | 7.5 | 62.57 | .9900 | .0000 | .8600 | .0430 | .0840 |
| 1074 | 05A | S SED DRY PPM | 05/03/1974 | | .0 | | 2.1000 | .3500 | .0000 | .3800 | 1.4000 |
| 1161 | 05A | S SED DRY PPM | 06/13/1974 | 751 | 2.0 | | .5500 | .0000 | .5100 | .0000 | .0430 |
| 1160 | 05A | S SED DRY PPM | 06/13/1974 | 745 | 7.0 | | .6900 | .6300 | .0000 | .0560 | .0000 |
| 792 | 05A | S SED DRY PPM | 12/13/1974 | 1045 | 2.0 | | .8000 | .0000 | .0000 | .8000 | .0000 |
| 790 | 07A | S SED DRY PPM | 12/13/1973 | 1445 | 2.0 | 7.16 | 3.4000 | .0000 | 2.3000 | 1.1000 | .0000 |
| 783 | 07A | S SED DRY PPM | 12/13/1973 | 1520 | 6.5 | 7.50 | 1.1000 | .4500 | .0000 | .3600 | .3200 |
| 863 | 07A | S SED DRY PPM | 01/24/1974 | 1015 | .0 | 11.14 | 2.2000 | .0000 | .0000 | 2.2000 | .0000 |
| 853 | 07A | S SED DRY PPM | 01/24/1974 | 1140 | 9.0 | 8.80 | .8700 | .0000 | .0000 | .3700 | .5000 |
| 970 | 07A | S SED DRY PPM | 03/21/1974 | 1310 | .0 | 9.47 | 1.6000 | 1.3000 | .0000 | .2200 | .0790 |
| 969 | 07A | S SED DRY PPM | 03/21/1974 | 1300 | 9.0 | 8.30 | 1.4000 | 1.3000 | .0000 | .0980 | .0360 |
| 1067 | 07A | S SED DRY PPM | 05/02/1974 | 1410 | .0 | 6.32 | 1.2000 | .0000 | .6300 | .5400 | .0000 |
| 1068 | 07A | S SED DRY PPM | 05/02/1974 | 1404 | 6.0 | 5.13 | 3.8000 | 3.5000 | .0000 | .1200 | .2200 |
| 1069 | 07A | S SED DRY PPM | 05/02/1974 | 1400 | 10.0 | | .1300 | .0000 | .0000 | .0630 | .0710 |

| SAMPL NUMBR C501 | STAT TON C502 | SAMPLE TYPE AND UNITS C506 | DATE MM DD YY C503 | TIME HRS C504 | SAMPLE DEPT M C505 | SUS SED MG L C520 | TOTAL PCB C508 | 1242 AROCLOR C509 | 1248 AROCLOR C510 | 1254 AROCLOR C511 | 1262 AROCLOR C512 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | |
| 858 | 08R | S SED DRY PPM | 01/24/1974 | 1415 | .0 | 3.26 | 2.7000 | .0000 | .9500 | .2900 | 1.5000 |
| 1064 | 08R | S SED DRY PPM | 05/02/1974 | 1455 | .0 | 12.17 | .5100 | .2100 | .0000 | .1900 | .1100 |
| 1065 | 08B | S SED DRY PPM | 05/02/1974 | 1515 | 2.5 | 11.95 | .7800 | .3200 | .0000 | .2900 | .1700 |
| 1066 | 08R | S SED DRY PPM | 05/02/1974 | 1530 | 5.0 | 26.97 | .2800 | .1900 | .0000 | .0570 | .0350 |
| 806 | 10A | S SED DRY PPM | 12/13/1973 | 955 | 2.0 | 5.90 | .3800 | .0000 | .0000 | .3800 | .0000 |
| 862 | 10A | S SED DRY PPM | 01/22/1974 | 1700 | 8.0 | 37.58 | .3200 | .1900 | .0000 | .1300 | .0000 |
| 795 | 10B | S SED DRY PPM | 12/12/1973 | 1235 | 2.0 | | 1.9000 | .0000 | .0000 | 1.6000 | .2800 |
| 796 | 10B | S SED DRY PPM | 12/12/1973 | 1235 | 10.0 | 12.86 | .8600 | .0000 | .0000 | .8600 | .0000 |
| 804 | 10R | S SED DRY PPM | 12/13/1973 | 845 | 2.0 | 4.24 | 1.2000 | .0000 | .0000 | 1.2000 | .0000 |
| 805 | 10B | S SED DRY PPM | 12/13/1973 | 940 | 10.0 | 15.46 | .0079 | .0000 | .0000 | .0079 | .0000 |
| 857 | 10R | S SED DRY PPM | 01/23/1974 | 1635 | .0 | 2.74 | .8300 | .4300 | .0000 | .2400 | .1600 |
| 866 | 10R | S SED DRY PPM | 01/23/1974 | 1725 | 10.0 | 29.96 | .2300 | .0000 | .0000 | .2300 | .0000 |
| 960 | 10B | S SED DRY PPM | 03/20/1974 | 940 | .0 | 13.08 | .2500 | .0000 | .0000 | .1600 | .0940 |
| 959 | 10R | S SED DRY PPM | 03/20/1974 | 1340 | 12.0 | 56.20 | .2900 | .2000 | .0000 | .0650 | .0240 |
| 1055 | 10B | S SED DRY PPM | 05/02/1974 | 1005 | .0 | 5.40 | .1300 | .0000 | .0470 | .0370 | .0410 |
| 1056 | 10B | S SED DRY PPM | 05/02/1974 | 959 | 6.0 | | .0640 | .0000 | .0580 | .0064 | .0000 |
| 1057 | 10B | S SED DRY PPM | 05/02/1974 | 955 | 11.0 | 7.36 | 2.7000 | .0000 | 1.3000 | 1.3000 | .0820 |
| 1159 | 10B | S SED DRY PPM | 06/12/1974 | 905 | 2.0 | | 1.3000 | .0000 | .0000 | 1.3000 | .0000 |
| 1158 | 10B | S SED DRY PPM | 06/12/1974 | 855 | 11.0 | | .1100 | .0000 | .0760 | .0380 | .0000 |
| 1287 | 10B | S SED DRY PPM | 07/31/1974 | 1340 | .0 | 5.42 | .6400 | .0000 | .2200 | .2800 | .1400 |
| 1286 | 10R | S SED DRY PPM | 07/31/1974 | 1500 | 6.0 | 3.66 | .3300 | .0000 | .0000 | .1700 | .1600 |
| 1285 | 10R | S SED DRY PPM | 07/31/1974 | 1330 | 10.0 | 11.02 | .3900 | .0000 | .0000 | .3000 | .0880 |
| 803 | 10C | S SED DRY PPM | 12/12/1973 | 1545 | 2.0 | 6.98 | 1.2000 | .0000 | .3700 | .8600 | .0000 |
| 860 | 10C | S SED DRY PPM | 01/23/1974 | 1510 | .0 | 3.30 | .9400 | .0000 | .4700 | .4700 | .0000 |
| 868 | 10C | S SED DRY PPM | 01/23/1974 | 1550 | 6.0 | 5.50 | .1600 | .0000 | .0000 | .0280 | .1300 |
| 780 | 11A | S SED DRY PPM | 12/12/1973 | 955 | 2.0 | 6.26 | .5900 | .0000 | .0000 | .5900 | .0000 |
| 794 | 11A | S SED DRY PPM | 12/12/1973 | 1000 | 2.0 | 6.34 | 3.5000 | .0000 | .5900 | 2.9000 | .0000 |
| 791 | 11A | S SED DRY PPM | 12/12/1973 | 1100 | 6.0 | 6.44 | 1.3000 | .7200 | .0000 | .4700 | .1100 |
| 871 | 11A | S SED DRY PPM | 01/23/1974 | 845 | .0 | 2.45 | .1500 | .0000 | .1000 | .0530 | .0000 |
| 861 | 11A | S SED DRY PPM | 01/23/1974 | 920 | 5.0 | 7.98 | .0750 | .0000 | .0520 | .0097 | .0130 |
| 952 | 11A | S SED DRY PPM | 03/20/1974 | 853 | .0 | 8.96 | .8700 | .0000 | .7600 | .0920 | .0150 |
| 951 | 11A | S SED DRY PPM | 03/20/1974 | 847 | 6.0 | 9.34 | .8200 | .0220 | .0000 | .8000 | .0000 |
| 1045 | 11A | S SED DRY PPM | 05/01/1974 | 805 | 8.0 | | .1300 | .0000 | .0770 | .0480 | .0000 |
| 1275 | 11A | S SED DRY PPM | 07/31/1974 | 719 | .4 | 6.42 | .5500 | .0000 | .0000 | .5500 | .0000 |
| 1274 | 11A | S SED DRY PPM | 07/31/1974 | 715 | 4.4 | 7.38 | .2300 | .0000 | .0000 | .1900 | .0400 |
| 956 | 11C | S SED DRY PPM | 03/20/1974 | 1150 | .0 | 7.79 | 2.4000 | 1.5000 | .0000 | .5100 | .3700 |
| 955 | 11C | S SED DRY PPM | 03/20/1974 | 1032 | 28.0 | | .2600 | .0000 | .0540 | .1500 | .0590 |
| 1049 | 11C | S SED DRY PPM | 05/01/1974 | 1402 | .0 | 9.53 | .5300 | .3400 | .0000 | .1300 | .0560 |
| 1050 | 11C | S SED DRY PPM | 05/01/1974 | 1440 | 10.5 | 3.00 | 1.7000 | 1.2000 | .0000 | .3000 | .1500 |
| 1051 | 11C | S SED DRY PPM | 05/01/1974 | 1525 | 21.0 | 10.57 | 1.1000 | .6900 | .0000 | .3000 | .1000 |
| 1281 | 11C | S SED DRY PPM | 07/31/1974 | 1205 | 2.4 | 3.22 | .2200 | .0000 | .0000 | .2200 | .0000 |
| 784 | 01A | S SED H20 PPT | 12/13/1973 | 1530 | 2.0 | 42.57 | 30.0000 | .0000 | .0000 | 30.0000 | .0000 |
| 782 | 01A | S SED H20 PPT | 12/13/1973 | 1445 | 8.0 | 42.70 | 57.0000 | .0000 | .0000 | 57.0000 | .0000 |
| 992 | 01A | S SED H20 PPT | 01/24/1974 | 1305 | 2.0 | 35.03 | 28.0000 | .0000 | .0000 | 23.0000 | 4.8000 |
| 897 | 01A | S SED H20 PPT | 03/21/1974 | 1157 | .0 | 11.30 | 1.6000 | .0000 | .0000 | 1.6000 | .0000 |
| 898 | 01A | S SED H20 PPT | 03/21/1974 | 1145 | 13.0 | 14.86 | 2.0000 | .0000 | .0000 | 2.0000 | .0000 |
| 1073 | 01A | S SED H20 PPT | 05/03/1974 | 1107 | .0 | 9.58 | 5.8000 | .0000 | .0000 | 5.8000 | .0000 |
| 1072 | 01A | S SED H20 PPT | 05/03/1974 | 1055 | 12.0 | 16.73 | 11.0000 | .0000 | 6.2000 | 1.4000 | 3.0000 |
| 799 | 05A | S SED H20 PPT | 12/13/1973 | 1045 | 10.0 | 24.87 | 8.7000 | .0000 | .0000 | 7.4000 | 1.3000 |
| 989 | 05A | S SED H20 PPT | 01/24/1974 | 936 | 2.0 | 9.53 | 7.8000 | 4.7000 | .0000 | 2.5000 | .6200 |

| SAMPL NUMBR C501 | STAT ION C502 | SAMPLE TYPE AND UNITS C506 | DATE MM DD YY C503 | TIME HRS C504 | SAMPLE DEPT M C505 | SUS SED MG L C520 | TOTAL PCB C508 | 1242 AROCLOR C509 | 1248 AROCLOR C510 | 1254 AROCLOR C511 | 1262 AROCLOR C512 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | |
| 988 | 05A | S SED H20 PPT | 01/24/1974 | 932 | 6.0 | 19.86 | 17.0000 | 7.7000 | .0000 | 7.5000 | 2.2000 |
| 981 | 05A | S SED H20 PPT | 03/21/1974 | 753 | 2.0 | 27.93 | 18.0000 | 9.0000 | .0000 | 6.6000 | 1.9000 |
| 0980 | 05A | S SED H20 PPT | 03/21/1974 | 845 | 7.5 | 62.57 | 61.0000 | .0000 | 53.0000 | 2.7000 | 5.2000 |
| 1074 | 05A | S SED H20 PPT | 05/03/1974 | | .0 | | 43.0000 | 7.2000 | .0000 | 7.8000 | 28.0000 |
| 1161 | 05A | S SED H20 PPT | 06/13/1974 | 751 | 2.0 | | 8.5000 | .0000 | 7.8000 | .0000 | .6700 |
| 1160 | 05A | S SED H20 PPT | 06/13/1974 | 745 | 7.0 | | 27.0000 | 25.0000 | .0000 | 2.2000 | .0000 |
| 792 | 05A | S SED H20 PPT | 12/13/1974 | 1045 | 2.0 | | 17.0000 | .0000 | .0000 | 17.0000 | .0000 |
| 790 | 07A | S SED H20 PPT | 12/13/1973 | 1445 | 2.0 | 7.16 | 25.0000 | .0000 | 17.0000 | 8.0000 | .0000 |
| 783 | 07A | S SED H20 PPT | 12/13/1973 | 1520 | 6.5 | 7.50 | 8.5000 | 3.4000 | .0000 | 2.7000 | 2.4000 |
| 863 | 07A | S SED H20 PPT | 01/24/1974 | 1015 | .0 | 11.14 | 25.0000 | .0000 | .0000 | 25.0000 | .0000 |
| 853 | 07A | S SED H20 PPT | 01/24/1974 | 1140 | 9.0 | 8.80 | 7.7000 | .0000 | .0000 | 3.3000 | 4.4000 |
| 970 | 07A | S SED H20 PPT | 03/21/1974 | 1310 | .0 | 9.47 | 16.0000 | 13.0000 | .0000 | 2.1000 | .7500 |
| 969 | 07A | S SED H20 PPT | 03/21/1974 | 1300 | 9.0 | 8.30 | 12.0000 | 11.0000 | .0000 | .8100 | .3000 |
| 1067 | 07A | S SED H20 PPT | 05/02/1974 | 1410 | .0 | 6.32 | 7.4000 | .0000 | 4.0000 | 3.4000 | .0000 |
| 1068 | 07A | S SED H20 PPT | 05/02/1974 | 1404 | 6.0 | 5.13 | 20.0000 | 18.0000 | .0000 | .6300 | 1.1000 |
| 1069 | 07A | S SED H20 PPT | 05/02/1974 | 1400 | 10.0 | | 1.1000 | .0000 | .0000 | .5100 | .5700 |
| 982 | 07B | S SED H20 PPT | 03/19/1974 | 950 | 2.0 | | 34.0000 | 23.0000 | .0000 | 6.1000 | 4.6000 |
| 858 | 08B | S SED H20 PPT | 01/24/1974 | 1415 | .0 | 3.26 | 8.8000 | .0000 | 3.1000 | .9500 | 4.7000 |
| 965 | 08B | S SED H20 PPT | 03/21/1974 | 1110 | 4.0 | | 15.0000 | 12.0000 | .0000 | 2.2000 | 1.0000 |
| 1064 | 08B | S SED H20 PPT | 05/02/1974 | 1455 | .0 | 12.17 | 6.3000 | 2.6000 | .0000 | 2.4000 | 1.3000 |
| 1065 | 08B | S SED H20 PPT | 05/02/1974 | 1515 | 2.5 | 11.95 | 9.3000 | 3.8000 | .0000 | 3.5000 | 2.0000 |
| 1066 | 08B | S SED H20 PPT | 05/02/1974 | 1530 | 5.0 | 26.97 | 7.5000 | 5.1000 | .0000 | 1.5000 | .9300 |
| 806 | 10A | S SED H20 PPT | 12/13/1973 | 955 | 2.0 | 5.90 | 2.3000 | .0000 | .0000 | 2.3000 | .0000 |
| 862 | 10A | S SED H20 PPT | 01/22/1974 | 1700 | 8.0 | 37.58 | 12.0000 | 7.2000 | .0000 | 5.1000 | .0000 |
| 795 | 10B | S SED H20 PPT | 12/12/1973 | 1235 | 2.0 | | 13.0000 | .0000 | .0000 | 11.0000 | 1.9000 |
| 796 | 10B | S SED H20 PPT | 12/12/1973 | 1235 | 10.0 | 12.86 | 11.0000 | .0000 | .0000 | 11.0000 | .0000 |
| 804 | 10B | S SED H20 PPT | 12/13/1973 | 845 | 2.0 | 4.24 | 5.1000 | .0000 | .0000 | 5.1000 | .0000 |
| 805 | 10B | S SED H20 PPT | 12/13/1973 | 940 | 10.0 | 15.46 | 1.2000 | .0000 | .0000 | 1.2000 | .0000 |
| 857 | 10B | S SED H20 PPT | 01/23/1974 | 1635 | .0 | 2.74 | 2.3000 | 1.2000 | .0000 | .6600 | .4300 |
| 866 | 10B | S SED H20 PPT | 01/23/1974 | 1725 | 10.0 | 29.96 | 6.8000 | .0000 | .0000 | 6.8000 | .0000 |
| 960 | 10B | S SED H20 PPT | 03/20/1974 | 940 | .0 | 13.08 | 3.9000 | .0000 | .0000 | 2.7000 | 1.2000 |
| 959 | 10B | S SED H20 PPT | 03/20/1974 | 1340 | 12.0 | 56.20 | 16.0000 | 11.0000 | .0000 | 3.6000 | 1.3000 |
| 1055 | 10B | S SED H20 PPT | 05/02/1974 | 1005 | .0 | 5.40 | .6800 | .0000 | .2500 | .2000 | .2200 |
| 1056 | 10B | S SED H20 PPT | 05/02/1974 | 959 | 6.0 | | .3400 | .0000 | .3100 | .0340 | .0000 |
| 1057 | 10B | S SED H20 PPT | 05/02/1974 | 955 | 11.0 | 7.36 | 57.0000 | .0000 | 27.0000 | 28.0000 | 1.8000 |
| 1159 | 10B | S SED H20 PPT | 06/12/1974 | 905 | 2.0 | | 2.2000 | .0000 | .0000 | 2.2000 | .0000 |
| 1158 | 10B | S SED H20 PPT | 06/17/1974 | 855 | 11.0 | | .1300 | .0000 | .0880 | .0450 | .0000 |
| 1287 | 10B | S SED H20 PPT | 07/31/1974 | 1340 | .0 | 5.42 | 3.5000 | .0000 | 1.2000 | 1.5000 | .7600 |
| 1286 | 10B | S SED H20 PPT | 07/31/1974 | 1500 | 6.0 | 3.66 | 1.2000 | .0000 | .0000 | .6100 | .5700 |
| 1285 | 10B | S SED H20 PPT | 07/31/1974 | 1330 | 10.0 | 11.02 | 4.3000 | .0000 | .0000 | 3.3000 | .9600 |
| 803 | 10C | S SED H20 PPT | 12/12/1973 | 1545 | 2.0 | 6.98 | 8.6000 | .0000 | 2.6000 | 6.0000 | .0000 |
| 860 | 10C | S SED H20 PPT | 01/23/1974 | 1510 | .0 | 3.30 | 3.0000 | .0000 | 1.5000 | 1.5000 | .0000 |
| 868 | 10C | S SED H20 PPT | 01/23/1974 | 1550 | 6.0 | 5.50 | 1.1000 | .0000 | .0000 | .1900 | .8600 |
| 794 | 11A | S SED H20 PPT | 12/12/1973 | 1000 | 2.0 | 6.34 | 18.0000 | .0000 | 3.2000 | 15.0000 | .0000 |
| 780 | 11A | S SED H20 PPT | 12/12/1973 | 955 | 2.0 | 6.26 | 3.8000 | .0000 | .0000 | 3.8000 | .0000 |
| 791 | 11A | S SED H20 PPT | 12/12/1973 | 1100 | 6.0 | 6.44 | 8.4000 | 4.7000 | .0000 | 3.0000 | .6900 |
| 871 | 11A | S SED H20 PPT | 01/23/1974 | 845 | .0 | 2.45 | .3800 | .0000 | .2500 | .1300 | .0000 |
| 861 | 11A | S SED H20 PPT | 01/23/1974 | 920 | 5.0 | 7.98 | .5900 | .0000 | .4100 | .0780 | .1000 |
| 952 | 11A | S SED H20 PPT | 03/20/1974 | 853 | .0 | 8.96 | 7.8000 | .0000 | 6.8000 | .8300 | .1400 |
| 951 | 11A | S SED H20 PPT | 03/20/1974 | 847 | 6.0 | 9.34 | 7.7000 | .2000 | .0000 | 7.5000 | .0000 |

BIOCHEMISTRY DATA REPORT PART-A
75/07/18.

| SAMPL NUMBR C501 | STAT ION C502 | SAMPLE TYPE AND UNITS C506 | DATE MM DD YY C503 | TIME HRS C504 | SAMPLE DEPT M C505 | SUS SED MG L C520 | TOTAL PCB C508 | 1242 AROCLOR C509 | 1248 AROCLOR C510 | 1254 AROCLOR C511 | 1262 AROCLOR C512 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | |
| 1045 | 11A | S SED H20 PPT | 05/01/1974 | 805 | 8.0 | | 1.8000 | .0000 | 1.1000 | .6800 | .0000 |
| 1275 | 11A | S SED H20 PPT | 07/31/1974 | 719 | .4 | 6.42 | 3.6000 | .0000 | .0000 | 3.6000 | .0000 |
| 1274 | 11A | S SED H20 PPT | 07/31/1974 | 715 | 4.4 | 7.38 | 1.7000 | .0000 | .0000 | 1.4000 | .2900 |
| 956 | 11C | S SED H20 PPT | 03/20/1974 | 1150 | .0 | 7.79 | 22.0000 | 14.0000 | .0000 | 4.7000 | 3.4000 |
| 955 | 11C | S SED H20 PPT | 03/20/1974 | 1032 | 28.0 | | 4.3000 | .0000 | .9000 | 2.4000 | .9800 |
| 1049 | 11C | S SED H20 PPT | 05/01/1974 | 1402 | .0 | 9.53 | 5.0000 | 3.3000 | .0000 | 1.2000 | .5400 |
| 1050 | 11C | S SED H20 PPT | 05/01/1974 | 1440 | 10.5 | 3.00 | 5.0000 | 3.7000 | .0000 | .8900 | .4500 |
| 1051 | 11C | S SED H20 PPT | 05/01/1974 | 1525 | 21.0 | 10.57 | 12.0000 | 7.3000 | .0000 | 3.2000 | 1.1000 |
| 1281 | 11C | S SED H20 PPT | 07/31/1974 | 1205 | 2.4 | 3.22 | .7000 | .0000 | .0000 | .7000 | .0000 |
| 906B | 0MP | SSEW H20 PPB | 03/29/1974 | 830 | | | .0017 | .0012 | .0000 | .0004 | .0002 |
| 907B | 0MP | SSEW H20 PPB | 03/29/1974 | 1830 | | | .5800 | .0000 | .4100 | .1700 | .0000 |
| 1076B | 0MP | SSEW H20 PPB | 05/03/1974 | 730 | | | .0460 | .0000 | .0000 | .0460 | .0000 |
| 1487 | MP | WSEW H20 PPB | 11/05/1974 | 1100 | | | .0072 | .0000 | .0000 | .0061 | .0011 |
| 907A | 0MP | WSEW H20 PPB | 03/29/1974 | 1830 | | | .0000 | .0000 | .0000 | .0000 | .0000 |
| 906A | 0MP | WSEW H20 PPB | 03/29/1974 | 830 | | | .0250 | .0000 | .0000 | .0250 | .0000 |
| 1076A | 0MP | WSEW H20 PPB | 05/03/1974 | 730 | | | .0000 | .0000 | .0000 | .0000 | .0000 |
| 1319 | 0MP | WSEW H20 PPT | 09/04/1974 | 730 | | | 181.0000 | .0000 | 6.4000 | 120.0000 | 60.0000 |

BIOCHEMISTRY DATA REPORT PART-B
75/07/18.

| SAMPL NUMBR C501 | STAT ION C502 | SAMPLE TYPE AND UNITS C506 | DATE MM DD YY C503 | TIME HRS C504 | SAMPLE DEPT M C505 | TECHN CHLORDANE C513 | ALPHA CHLORDANE C514 | GAMMA CHLORDANE C515 | TOTAL DDT C516 | DDE - C517 | DDD - C518 | DDT - C519 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 1388 | 04A | BENTH WET PPM | 09/20/1974 | | | .0500 | .0053 | .0039 | .0260 | .0100 | .0130 | .0025 |
| 1086 | 05C | BENTH WET PPM | 05/03/1974 | 1335 | | .0140 | .0000 | .0000 | .0180 | .0110 | .0070 | .0000 |
| 1171 | 05C | BENTH WET PPM | 05/03/1974 | | | .0400 | .0130 | .0032 | .1800 | .0610 | .0630 | .0510 |
| 1380 | 05C | BENTH WET PPM | 08/02/1974 | | | .0700 | .0069 | .0031 | .0550 | .0130 | .0330 | .0087 |
| 1077 | 06A | BENTH WET PPM | 03/22/1974 | 1125 | | .0320 | .0120 | .0040 | .0270 | .0150 | .0120 | .0000 |
| 1084 | 06A | BENTH WET PPM | 05/03/1974 | 1155 | | .1700 | .0000 | .0000 | .2300 | .0960 | .0610 | .0690 |
| 1378 | 06A | BENTH WET PPM | 08/02/1974 | | | .0950 | .0320 | .0320 | .0190 | .0110 | .0022 | .0053 |
| 1385 | 06A | BENTH WET PPM | 09/20/1974 | | | .0170 | .0041 | .0025 | .0270 | .0044 | .0091 | .0068 |
| 1079 | 06B | BENTH WET PPM | 03/22/1974 | 1145 | | .0560 | .0110 | .0140 | .0320 | .0190 | .0130 | .0000 |
| 1080 | 06C | BENTH WET PPM | 03/22/1974 | 1200 | | .0210 | .0090 | .0070 | .0040 | .0040 | .0000 | .0000 |
| 1085 | 06C | BENTH WET PPM | 05/03/1974 | 1255 | | .0009 | .0001 | .0001 | .0002 | .0000 | .0002 | .0000 |
| 1379 | 06C | BENTH WET PPM | 08/02/1974 | | | .0350 | .0038 | .0021 | .0240 | .0055 | .0150 | .0033 |
| 1386 | 06C | BENTH WET PPM | 09/20/1974 | | | .0220 | .0024 | .0018 | .0290 | .0082 | .0160 | .0048 |
| 1081 | 08A | BENTH WET PPM | 03/22/1974 | | | .0800 | .0000 | .0170 | .0470 | .0210 | .0000 | .0260 |
| 1369 | 08A | BENTH WET PPM | 03/22/1974 | 1200 | | .0370 | .0038 | .0034 | .0150 | .0003 | .0140 | .0008 |
| 1376 | 08A | BENTH WET PPM | 08/02/1974 | | | .0950 | .0100 | .0074 | .0370 | .0098 | .0220 | .0048 |
| 1377 | 08A | BENTH WET PPM | 08/26/1974 | | | .1900 | .0200 | .0130 | .0560 | .0140 | .0360 | .0055 |
| 1384 | 08A | BENTH WET PPM | 09/20/1974 | | | .0490 | .0071 | .0046 | .0230 | .0074 | .0140 | .0020 |
| 1187 | 08B | BENTH WET PPM | 01/25/1974 | 1740 | | .0000 | .0000 | .0000 | .0140 | .0045 | .0066 | .0029 |
| 1519 | 08B | BENTH WET PPM | 03/20/1974 | | | .0430 | .0037 | .0072 | .0190 | .0038 | .0150 | .0000 |
| 1189 | 10A | BENTH WET PPM | 01/25/1974 | 1635 | | .0450 | .0060 | .0038 | .0140 | .0046 | .0093 | .0000 |
| 1367 | 10A | BENTH WET PPM | 03/22/1974 | 935 | | .0000 | .0000 | .0000 | .0340 | .0110 | .0220 | .0011 |
| 1365 | 10A | BENTH WET PPM | 03/22/1974 | 930 | | .4400 | .1100 | .0440 | .7200 | .2200 | .2600 | .2400 |
| 1372 | 10A | BENTH WET PPM | 05/03/1974 | | | .0350 | .0060 | .0034 | .0540 | .0032 | .0074 | .0000 |
| 1381 | 10A | BENTH WET PPM | 08/02/1974 | 925 | | .0920 | .0099 | .0000 | .0310 | .0066 | .0220 | .0020 |
| 1374 | 10A | BENTH WET PPM | 08/02/1974 | 910 | | .0230 | .0190 | .0023 | .0170 | .0064 | .0058 | .0050 |
| 1382 | 10A | BENTH WET PPM | 09/20/1974 | | | .2400 | .0220 | .0310 | .0280 | .0077 | .0180 | .0023 |
| 1141 | 11A | BENTH WET PPM | 03/20/1974 | | | .0370 | .0130 | .0035 | .0250 | .0021 | .0230 | .0000 |
| 728 | 001 | BOTM SED PPM | 10/10/1973 | | | .0000 | .0000 | .0000 | .0160 | .0040 | .0120 | .0000 |
| 729 | 002 | BOTM SED PPM | 10/10/1973 | | | .0000 | .0000 | .0000 | .2700 | .0920 | .1800 | .0000 |
| 730 | 003 | BOTM SED PPM | 10/10/1973 | | | .0000 | .0000 | .0000 | .1100 | .0660 | .0380 | .0038 |
| 731 | 004 | BOTM SED PPM | 10/10/1973 | | | .0000 | .0000 | .0000 | .0070 | .0000 | .0070 | .0000 |
| 732 | 005 | BOTM SED PPM | 10/10/1973 | | | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 733 | 006 | BOTM SED PPM | 10/10/1973 | | | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 734 | 007 | BOTM SED PPM | 10/10/1973 | | | .0000 | .0000 | .0000 | .0200 | .0050 | .0070 | .0080 |
| 735 | 008 | BOTM SED PPM | 10/10/1973 | | | .0000 | .0000 | .0000 | .0090 | .0090 | .0000 | .0000 |
| 736 | 009 | BOTM SED PPM | 10/10/1973 | | | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 996 | 01A | BOTM SED PPM | 03/21/1974 | | | .0043 | .0004 | .0003 | .0017 | .0003 | .0011 | .0003 |
| 1303 | 01A | BOTM SED PPM | 07/10/1974 | | | .0069 | .0006 | .0007 | .0025 | .0006 | .0015 | .0004 |
| 1426 | 01A | BOTM SED PPM | 10/25/1974 | | | .0290 | .0030 | .0023 | .0140 | .0040 | .0050 | .0047 |
| 738 | 011 | BOTM SED PPM | 10/10/1973 | | | .0000 | .0000 | .0000 | .0230 | .0060 | .0170 | .0000 |
| 739 | 012 | BOTM SED PPM | 10/10/1973 | | | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 741 | 014 | BOTM SED PPM | 10/10/1973 | | | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 746 | 018 | BOTM SED PPM | 10/12/1973 | | | .0550 | .0150 | .0130 | .1000 | .0280 | .0730 | .0000 |
| 747 | 019 | BOTM SED PPM | 10/12/1973 | | | .0000 | .0000 | .0000 | .0710 | .0000 | .0710 | .0000 |
| 748 | 020 | BOTM SED PPM | 10/12/1973 | | | .0120 | .0000 | .0000 | .0270 | .0000 | .0270 | .0000 |
| 749 | 021 | BOTM SED PPM | 10/12/1973 | | | .0000 | .0000 | .0000 | .0910 | .0200 | .0710 | .0000 |
| 750 | 022 | BOTM SED PPM | 10/12/1973 | | | .0000 | .0000 | .0000 | .2700 | .0860 | .1800 | .0000 |
| 751 | 023 | BOTM SED PPM | 10/16/1973 | | | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 752 | 024 | BOTM SED PPM | 10/12/1973 | | | .0000 | .0000 | .0000 | .0260 | .0210 | .0050 | .0000 |

| SAMPL NUMBR C501 | STAT ION C502 | SAMPLE TYPE AND UNITS C506 | DATE MM DD YY C503 | TIME HRS C504 | SAMPLE DEPT M C505 | TECHN CHLORDANE C513 | ALPHA CHLORDANE C514 | GAMMA CHLORDANE C515 | TOTAL DDT C516 | DDE - C517 | DDD - C518 | DDT - C519 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 753 | 025 | BOTM SED PPM | 10/16/1973 | | | .0000 | .0000 | .0000 | .1600 | .0460 | .1100 | .0000 |
| 755 | 027 | BOTM SED PPM | 10/16/1973 | | | .0000 | .0000 | .0000 | .0380 | .0000 | .0380 | .0000 |
| 756 | 028 | BOTM SED PPM | 10/16/1973 | | | .0000 | .0000 | .0000 | .1400 | .0320 | .1100 | .0000 |
| 760 | 032 | BOTM SED PPM | 10/16/1973 | | | .0000 | .0000 | .0000 | .0440 | .0140 | .0300 | .0000 |
| 761 | 033 | BOTM SED PPM | 10/16/1973 | | | .0190 | .0070 | .0070 | .0500 | .0080 | .0420 | .0000 |
| 762 | 034 | BOTM SED PPM | 10/16/1973 | | | .0000 | .0000 | .0000 | .0360 | .0130 | .0230 | .0000 |
| 763 | 035 | BOTM SED PPM | 10/16/1973 | | | .0000 | .0000 | .0000 | .1400 | .0480 | .0920 | .0000 |
| 764 | 036 | BOTM SED PPM | 10/16/1973 | | | .0000 | .0000 | .0000 | .1500 | .1500 | .0000 | .0000 |
| 765 | 037 | BOTM SED PPM | 10/16/1973 | | | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 766 | 038 | BOTM SED PPM | 10/16/1973 | | | .0660 | .0160 | .0100 | .0540 | .0000 | .0540 | .0000 |
| 768 | 040 | BOTM SED PPM | 10/16/1973 | | | .0000 | .0000 | .0000 | .0230 | .0230 | .0000 | .0000 |
| 769 | 041 | BOTM SED PPM | 10/16/1973 | | | .0000 | .0000 | .0000 | .0100 | .0030 | .0070 | .0000 |
| 771 | 042 | BOTM SED PPM | 10/16/1973 | | | .0000 | .0000 | .0000 | .0200 | .0200 | .0000 | .0000 |
| 772 | 043 | BOTM SED PPM | 10/16/1973 | | | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 774 | 045 | BOTM SED PPM | 10/15/1973 | | | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 775 | 046 | BOTM SED PPM | 10/15/1973 | | | .0000 | .0000 | .0000 | .1600 | .0210 | .1400 | .0000 |
| 777 | 048 | BOTM SED PPM | 10/15/1973 | | | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 811 | 05A | BOTM SED PPM | 12/13/1973 | | | .0000 | .0000 | .0000 | .0690 | .0290 | .0400 | .0000 |
| 978 | 05A | BOTM SED PPM | 03/21/1974 | | | .0067 | .0006 | .0011 | .0054 | .0010 | .0032 | .0012 |
| 1302 | 05A | BOTM SED PPM | 07/09/1974 | | | .0043 | .0005 | .0004 | .0012 | .0000 | .0012 | .0000 |
| 1425 | 05A | BOTM SED PPM | 10/25/1974 | | | .0150 | .0012 | .0014 | .0140 | .0008 | .0120 | .0010 |
| 779 | 050 | BOTM SED PPM | 10/15/1973 | | | .0040 | .0009 | .0008 | .0520 | .0000 | .0430 | .0090 |
| 1002 | 07A | BOTM SED PPM | 03/19/1974 | | | .0074 | .0008 | .0011 | .0100 | .0025 | .0068 | .0011 |
| 1298 | 07A | BOTM SED PPM | 07/08/1974 | | | .1700 | .0190 | .0310 | .1300 | .0092 | .1100 | .0088 |
| 1423 | 07B | BOTM SED PPM | 10/25/1974 | | | .2300 | .0430 | .0390 | .1900 | .0057 | .1200 | .0640 |
| 810 | 10B | BOTM SED PPM | 12/12/1973 | | | .0680 | .0000 | .0000 | .0000 | .0000 | .0680 | .0000 |
| 999 | 10B | BOTM SED PPM | 03/20/1974 | | | .0070 | .0007 | .0020 | .0150 | .0037 | .0096 | .0015 |
| 1301 | 10B | BOTM SED PPM | 07/09/1974 | | | .0140 | .0012 | .0032 | .0180 | .0045 | .0110 | .0023 |
| 1424 | 10B | BOTM SED PPM | 10/25/1974 | | | .0140 | .0014 | .0012 | .0760 | .0200 | .0330 | .0230 |
| 809 | 11A | BOTM SED PPM | 12/12/1973 | 1015 | | .0240 | .0000 | .0000 | .0110 | .0110 | .0000 | .0000 |
| 1300 | 11A | BOTM SED PPM | 07/09/1974 | | | .0210 | .0023 | .0029 | .0210 | .0053 | .0140 | .0021 |
| 1000 | 11C | BOTM SED PPM | 03/20/1974 | | | .1100 | .0110 | .0098 | .0660 | .0086 | .0520 | .0054 |
| 1075 | 0FS | GRWAT H20 PPT | 05/03/1974 | 845 | | .0000 | .0000 | .0000 | 6.0000 | .0000 | .0000 | 6.0000 |
| 1255 | 0FS | GRWAT H20 PPT | 07/17/1974 | 1030 | | 5.7000 | .9800 | .5900 | 1.3000 | .2900 | .2500 | .7500 |
| 1318 | 0FS | GRWAT H20 PPT | 09/04/1974 | 830 | | 4.1000 | 1.0000 | .9500 | .6000 | .0290 | .1300 | .4400 |
| 1421 | 0FS | GRWAT H20 PPT | 10/16/1974 | 1030 | | 4.2000 | .6000 | .2300 | 1.3000 | .0067 | .3300 | 1.0000 |
| 1486 | 0FS | GRWAT H20 PPT | 11/05/1974 | 1200 | | 2.9000 | .7700 | .3800 | .0000 | .0000 | .0000 | .0000 |
| 787 | 01A | PLANK H20 PPT | 12/13/1973 | | | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 881 | 01A | PLANK H20 PPT | 01/24/1974 | | | .0000 | .0000 | .0000 | .0002 | .0000 | .0001 | .0001 |
| 1173 | 01A | PLANK H20 PPT | 03/21/1974 | | | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 1185 | 01A | PLANK H20 PPT | 05/03/1974 | | | .0007 | .0001 | .0001 | .0008 | .0001 | .0003 | .0003 |
| 1304 | 01A | PLANK H20 PPT | 06/13/1974 | | | .0000 | .0000 | .0000 | .2200 | .0018 | .2100 | .0069 |
| 1254 | 01A | PLANK H20 PPT | 07/10/1974 | | | .0013 | .0003 | .0003 | .0007 | .0001 | .0004 | .0002 |
| 1327 | 01A | PLANK H20 PPT | 09/18/1974 | | | .0050 | .0005 | .0003 | .1800 | .0011 | .1800 | .0022 |
| 882 | 03B | PLANK H20 PPT | 01/24/1974 | | | .0017 | .0005 | .0003 | .0028 | .0005 | .0019 | .0004 |
| 1174 | 03B | PLANK H20 PPT | 03/21/1974 | | | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 1184 | 03B | PLANK H20 PPT | 05/03/1974 | | | .0140 | .0024 | .0021 | .0096 | .0036 | .0060 | .0000 |
| 1306 | 03B | PLANK H20 PPT | 06/13/1974 | | | .0000 | .0000 | .0000 | .0002 | .0001 | .0001 | .0001 |
| 1251 | 03B | PLANK H20 PPT | 07/10/1974 | | | .0000 | .0000 | .0000 | .0002 | .0000 | .0000 | .0001 |
| 1331 | 03B | PLANK H20 PPT | 09/20/1974 | | | .0059 | .0008 | .0006 | .0032 | .0011 | .0016 | .0005 |

| SAMPL NUMBR C501 | STAT ION C502 | SAMPLE TYPE AND UNITS C506 | DATE MM DD YY C503 | TIME HRS C504 | SAMPLE DEPT M C505 | TECHN CHLORDANE C513 | ALPHA CHLORDANE C514 | GAMMA CHLORDANE C515 | TOTAL DDT C516 | DDE - C517 | DDD - C518 | DDT - C519 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 786 | 05A | PLANK H20 PPT | 12/13/1973 | | | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 880 | 05A | PLANK H20 PPT | 01/24/1974 | | | .0000 | .0000 | .0000 | .0002 | .0000 | .0000 | .0000 |
| 1172 | 05A | PLANK H20 PPT | 03/21/1974 | | | .0120 | .0027 | .0023 | .0140 | .0044 | .0069 | .0026 |
| 1183 | 05A | PLANK H20 PPT | 05/03/1974 | | | .0017 | .0003 | .0004 | .0008 | .0008 | .0000 | .0000 |
| 1311 | 05A | PLANK H20 PPT | 06/13/1974 | | | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 1250 | 05A | PLANK H20 PPT | 07/09/1974 | | | .0037 | .0005 | .0003 | .0014 | .0005 | .0008 | .0001 |
| 1329 | 05A | PLANK H20 PPT | 09/19/1974 | | | .0004 | .0001 | .0001 | .0001 | .0000 | .0001 | .0001 |
| 883 | 05B | PLANK H20 PPT | 01/24/1974 | | | .0009 | .0002 | .0002 | .0000 | .0000 | .0000 | .0000 |
| 1175 | 05B | PLANK H20 PPT | 03/21/1974 | | | .0840 | .0140 | .0110 | .0310 | .0092 | .0160 | .0054 |
| 1186 | 05B | PLANK H20 PPT | 05/03/1974 | | | .0016 | .0004 | .0003 | .0019 | .0005 | .0010 | .0004 |
| 788 | 07A | PLANK H20 PPT | 12/14/1973 | | | .2100 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 877 | 07A | PLANK H20 PPT | 01/23/1974 | | | .0840 | .0180 | .0100 | .0098 | .0045 | .0032 | .0021 |
| 1166 | 07A | PLANK H20 PPT | 03/19/1974 | | | .0330 | .0046 | .0016 | .0068 | .0012 | .0038 | .0018 |
| 1310 | 07A | PLANK H20 PPT | 06/11/1974 | | | .0052 | .0009 | .0007 | .0017 | .0002 | .0010 | .0005 |
| 1176 | 07B | PLANK H20 PPT | 05/01/1974 | | | .0150 | .0026 | .0016 | .0011 | .0000 | .0009 | .0003 |
| 1305 | 07B | PLANK H20 PPT | 06/11/1974 | | | .0069 | .0010 | .0006 | .0010 | .0002 | .0007 | .0001 |
| 1248 | 07B | PLANK H20 PPT | 07/08/1974 | | | .0024 | .0004 | .0005 | .0000 | .0000 | .0000 | .0000 |
| 1324 | 07B | PLANK H20 PPT | 09/18/1974 | | | .0009 | .0002 | .0002 | .0004 | .0000 | .0002 | .0002 |
| 816 | 08A | PLANK H20 PPT | 12/14/1973 | | | .0120 | .0022 | .0017 | .0065 | .0011 | .0043 | .0011 |
| 879 | 08B | PLANK H20 PPT | 01/24/1974 | | | .0000 | .0000 | .0000 | .0005 | .0000 | .0000 | .0000 |
| 1171 | 08B | PLANK H20 PPT | 03/20/1974 | | | .0740 | .0100 | .0032 | .0120 | .0032 | .0085 | .0000 |
| 1182 | 08B | PLANK H20 PPT | 05/02/1974 | | | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 1307 | 08B | PLANK H20 PPT | 06/13/1974 | | | .0016 | .0002 | .0002 | .0005 | .0001 | .0003 | .0001 |
| 884 | 08C | PLANK H20 PPT | 01/24/1974 | | | .0095 | .0014 | .0006 | .0015 | .0007 | .0006 | .0002 |
| 1170 | 08C | PLANK H20 PPT | 03/20/1974 | | | .0510 | .0053 | .0042 | .0210 | .0079 | .0080 | .0054 |
| 1181 | 08C | PLANK H20 PPT | 05/02/1974 | | | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 1308 | 08C | PLANK H20 PPT | 06/12/1974 | | | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 1249 | 08C | PLANK H20 PPT | 07/09/1974 | | | .0001 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 1330 | 08C | PLANK H20 PPT | 09/19/1974 | | | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 817 | 09A | PLANK H20 PPT | 12/14/1973 | | | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 820 | 09A | PLANK H20 PPT | 01/17/1974 | | | .0230 | .0018 | .0019 | .0040 | .0012 | .0023 | .0005 |
| 822 | 09B | PLANK H20 PPT | 01/17/1974 | | | .0390 | .0078 | .0050 | .0220 | .0045 | .0170 | .0000 |
| 821 | 09C | PLANK H20 PPT | 01/17/1974 | | | .0500 | .0052 | .0046 | .0160 | .0048 | .0070 | .0041 |
| 818 | 10B | PLANK H20 PPT | 12/12/1973 | | | .0031 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 878 | 10B | PLANK H20 PPT | 01/23/1974 | | | .0069 | .0000 | .0000 | .0028 | .0009 | .0019 | .0000 |
| 1169 | 10B | PLANK H20 PPT | 03/20/1974 | | | .1100 | .0160 | .0073 | .0160 | .0046 | .0097 | .0014 |
| 1180 | 10B | PLANK H20 PPT | 05/02/1974 | | | .0001 | .0000 | .0000 | .0001 | .0000 | .0000 | .0000 |
| 1312 | 10B | PLANK H20 PPT | 06/12/1974 | | | .0003 | .0001 | .0001 | .0003 | .0000 | .0000 | .0001 |
| 1245 | 10B | PLANK H20 PPT | 07/09/1974 | | | .0002 | .0001 | .0000 | .0001 | .0000 | .0001 | .0000 |
| 1332 | 10B | PLANK H20 PPT | 09/19/1974 | | | .0001 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 789 | 11A | PLANK H20 PPT | 12/12/1973 | | | .1300 | .0000 | .0000 | .0490 | .0120 | .0270 | .0099 |
| 875 | 11A | PLANK H20 PPT | 01/23/1974 | | | .0075 | .0000 | .0000 | .0021 | .0009 | .0012 | .0000 |
| 1167 | 11A | PLANK H20 PPT | 03/20/1974 | | | .0880 | .0051 | .0022 | .0500 | .0049 | .0370 | .0083 |
| 1179 | 11A | PLANK H20 PPT | 05/02/1974 | | | .0000 | .0000 | .0000 | .0002 | .0000 | .0001 | .0001 |
| 1246 | 11A | PLANK H20 PPT | 07/09/1974 | | | .0010 | .0001 | .0000 | .0002 | .0000 | .0002 | .0000 |
| 1325 | 11A | PLANK H20 PPT | 09/19/1974 | | | .0018 | .0002 | .0001 | .0003 | .0002 | .0000 | .0000 |
| 876 | 11C | PLANK H20 PPT | 01/23/1974 | | | .0031 | .0002 | .0002 | .0001 | .0001 | .0000 | .0000 |
| 1168 | 11C | PLANK H20 PPT | 03/20/1974 | | | .0500 | .0120 | .0066 | .0180 | .0031 | .0066 | .0078 |
| 1178 | 11C | PLANK H20 PPT | 05/02/1974 | | | .0013 | .0002 | .0002 | .0006 | .0001 | .0003 | .0001 |
| 1313 | 11C | PLANK H20 PPT | 06/12/1974 | | | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |

BIOCHEMISTRY DATA REPORT PART-H
75/07/18.

| SAMPL NUMBR C501 | STAT ION C502 | SAMPLE TYPE AND UNITS C506 | DATE MM DD YY C503 | TIME HRS C504 | SAMPLE DEPT M C505 | TECHN CHLORDANE C513 | ALPHA CHLORDANE C514 | GAMMA CHLORDANE C515 | TOTAL DDT C516 | DDE - C517 | DDD - C518 | DDT - C519 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 1253 | 11C | PLANK H20 PPT | 07/09/1974 | | | .0013 | .0001 | .0001 | .0005 | .0001 | .0002 | .0001 |
| 1326 | 11C | PLANK H20 PPT | 09/19/1974 | | | .0022 | .0003 | .0001 | .0012 | .0001 | .0010 | .0001 |
| 1177 | 11D | PLANK H20 PPT | 05/01/1974 | | | .0047 | .0008 | .0007 | .0031 | .0003 | .0014 | .0014 |
| 1309 | 11D | PLANK H20 PPT | 06/11/1974 | | | .0001 | .0000 | .0000 | .0001 | .0000 | .0000 | .0001 |
| 1247 | 11D | PLANK H20 PPT | 07/08/1974 | | | .0014 | .0002 | .0002 | .0005 | .0001 | .0002 | .0002 |
| 1252 | 11E | PLANK H20 PPT | 07/09/1974 | | | .0080 | .0010 | .0001 | .0013 | .0002 | .0009 | .0003 |
| 787 | 01A | PLANK WET PPM | 12/13/1973 | | | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 881 | 01A | PLANK WET PPM | 01/24/1974 | | | .0000 | .0000 | .0000 | .0120 | .0020 | .0035 | .0062 |
| 1173 | 01A | PLANK WET PPM | 03/21/1974 | | | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 1185 | 01A | PLANK WET PPM | 05/03/1974 | | | .0650 | .0110 | .0090 | .0750 | .0110 | .0330 | .0310 |
| 1304 | 01A | PLANK WET PPM | 06/13/1974 | | | .0000 | .0000 | .0000 | 4.2000 | .0340 | 4.1000 | .0460 |
| 1254 | 01A | PLANK WET PPM | 07/10/1974 | | | .0990 | .0210 | .0180 | .0530 | .0087 | .0280 | .0160 |
| 1327 | 01A | PLANK WET PPM | 09/18/1974 | | | .1100 | .0110 | .0055 | 3.9000 | .0240 | 3.8000 | .0460 |
| 882 | 03B | PLANK WET PPM | 01/24/1974 | | | .0510 | .0200 | .0074 | .0720 | .0160 | .0560 | .0100 |
| 1174 | 03B | PLANK WET PPM | 03/21/1974 | | | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 1184 | 03B | PLANK WET PPM | 05/03/1974 | | | .3200 | .0550 | .0480 | .1700 | .0340 | .1400 | .0000 |
| 1306 | 03B | PLANK WET PPM | 06/13/1974 | | | .0000 | .0000 | .0000 | .0210 | .0056 | .0100 | .0056 |
| 1251 | 03B | PLANK WET PPM | 07/10/1974 | | | .0000 | .0000 | .0000 | .1600 | .0280 | .0240 | .1100 |
| 1331 | 03B | PLANK WET PPM | 09/20/1974 | | | .0360 | .0052 | .0035 | .0200 | .0069 | .0100 | .0031 |
| 786 | 05A | PLANK WET PPM | 12/13/1973 | | | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 880 | 05A | PLANK WET PPM | 01/24/1974 | | | .0000 | .0000 | .0000 | .0180 | .0000 | .0000 | .0000 |
| 1172 | 05A | PLANK WET PPM | 03/21/1974 | | | .5500 | .1200 | .1100 | .6300 | .2000 | .3100 | .1200 |
| 1183 | 05A | PLANK WET PPM | 05/03/1974 | | | .1000 | .0180 | .0270 | .0510 | .0510 | .0000 | .0000 |
| 1311 | 05A | PLANK WET PPM | 06/13/1974 | | | .0190 | .0052 | .0027 | .0160 | .0031 | .0055 | .0077 |
| 1250 | 05A | PLANK WET PPM | 07/09/1974 | | | .0770 | .0099 | .0069 | .0270 | .0100 | .0160 | .0014 |
| 1329 | 05A | PLANK WET PPM | 09/19/1974 | | | .0200 | .0047 | .0033 | .0140 | .0025 | .0077 | .0042 |
| 883 | 05B | PLANK WET PPM | 01/24/1974 | | | .1200 | .0240 | .0230 | .0000 | .0000 | .0000 | .0000 |
| 1175 | 05B | PLANK WET PPM | 03/21/1974 | | | .2300 | .0390 | .0300 | .0820 | .0250 | .0430 | .0140 |
| 1186 | 05B | PLANK WET PPM | 05/03/1974 | | | .0730 | .0180 | .0120 | .0850 | .0210 | .0450 | .0190 |
| 788 | 07A | PLANK WET PPM | 12/14/1973 | | | .1900 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 877 | 07A | PLANK WET PPM | 01/23/1974 | | | .1700 | .0380 | .0210 | .0200 | .0093 | .0067 | .0044 |
| 1166 | 07A | PLANK WET PPM | 03/19/1974 | | | .0390 | .0056 | .0020 | .0082 | .0014 | .0047 | .0021 |
| 1310 | 07A | PLANK WET PPM | 06/11/1974 | | | .1300 | .0240 | .0190 | .0460 | .0062 | .0280 | .0120 |
| 1176 | 07B | PLANK WET PPM | 05/01/1974 | | | .2700 | .0460 | .0270 | .0720 | .0015 | .0530 | .0170 |
| 1305 | 07B | PLANK WET PPM | 06/11/1974 | | | .5700 | .0830 | .0530 | .0850 | .0180 | .0550 | .0120 |
| 1248 | 07B | PLANK WET PPM | 07/08/1974 | | | .3000 | .0520 | .0590 | .0000 | .0000 | .0000 | .0000 |
| 1324 | 07B | PLANK WET PPM | 09/18/1974 | | | .0550 | .0100 | .0110 | .0220 | .0000 | .0120 | .0099 |
| 816 | 08A | PLANK WET PPM | 12/14/1973 | | | .1900 | .0350 | .0270 | .1000 | .0170 | .0690 | .0170 |
| 879 | 08B | PLANK WET PPM | 01/24/1974 | | | .0000 | .0000 | .0000 | .0640 | .0000 | .0000 | .0000 |
| 1171 | 08B | PLANK WET PPM | 03/20/1974 | | | .1900 | .0260 | .0085 | .0300 | .0083 | .0220 | .0000 |
| 1182 | 08B | PLANK WET PPM | 05/02/1974 | | | .0000 | .0000 | .0000 | .0028 | .0028 | .0000 | .0000 |
| 1307 | 08B | PLANK WET PPM | 06/13/1974 | | | .4000 | .0510 | .0540 | .1200 | .0250 | .0770 | .0210 |
| 884 | 08C | PLANK WET PPM | 01/24/1974 | | | .2800 | .0400 | .0160 | .0430 | .0190 | .0180 | .0055 |
| 1170 | 08C | PLANK WET PPM | 03/20/1974 | | | .1200 | .0120 | .0097 | .0500 | .0180 | .0190 | .0130 |
| 1181 | 08C | PLANK WET PPM | 05/02/1974 | | | .0190 | .0027 | .0000 | .0250 | .0063 | .0160 | .0023 |
| 1308 | 08C | PLANK WET PPM | 06/12/1974 | | | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 1249 | 08C | PLANK WET PPM | 07/09/1974 | | | .0200 | .0063 | .0039 | .0092 | .0028 | .0064 | .0000 |
| 1330 | 08C | PLANK WET PPM | 09/19/1974 | | | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 817 | 09A | PLANK WET PPM | 12/14/1973 | | | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 820 | 09A | PLANK WET PPM | 01/17/1974 | | | .2000 | .0150 | .0170 | .0340 | .0100 | .0190 | .0046 |

| SAMPL NUMBR C501 | STAT ION C502 | SAMPLE TYPE AND UNITS C506 | DATE MM DD YY C503 | TIME HRS C504 | SAMPLE DEPT M C505 | TECHN CHLORDANE C513 | ALPHA CHLORDANE C514 | GAMMA CHLORDANE C515 | TOTAL DDT C516 | DDE - C517 | DDD - C518 | DDT - C519 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 822 | 09B | PLANK WET PPM | 01/17/1974 | | | .0850 | .0170 | .0110 | .0480 | .0100 | .0380 | .0000 |
| 821 | 09C | PLANK WET PPM | 01/17/1974 | | | .0380 | .0720 | .0085 | .0330 | .0110 | .0200 | .0016 |
| 818 | 10B | PLANK WET PPM | 12/12/1973 | | | .0440 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 878 | 10B | PLANK WET PPM | 01/23/1974 | | | .1200 | .0000 | .0000 | .0490 | .0160 | .0330 | .0000 |
| 1169 | 10B | PLANK WET PPM | 03/20/1974 | | | .3600 | .0530 | .0240 | .0510 | .0150 | .0310 | .0048 |
| 1180 | 10B | PLANK WET PPM | 05/02/1974 | | | .0380 | .0065 | .0050 | .0300 | .0024 | .0180 | .0100 |
| 1312 | 10B | PLANK WET PPM | 06/12/1974 | | | .0170 | .0030 | .0040 | .0130 | .0017 | .0075 | .0038 |
| 1245 | 10B | PLANK WET PPM | 07/09/1974 | | | .0210 | .0057 | .0025 | .0140 | .0011 | .0099 | .0034 |
| 1332 | 10B | PLANK WET PPM | 09/19/1974 | | | .0088 | .0013 | .0013 | .0029 | .0008 | .0004 | .0017 |
| 789 | 11A | PLANK WET PPM | 12/12/1973 | | | .1000 | .0000 | .0000 | .0380 | .0090 | .0210 | .0077 |
| 875 | 11A | PLANK WET PPM | 01/23/1974 | | | .0640 | .0000 | .0000 | .0180 | .0075 | .0100 | .0000 |
| 1167 | 11A | PLANK WET PPM | 03/20/1974 | | | .3600 | .0210 | .0088 | .2100 | .0220 | .1500 | .0340 |
| 1179 | 11A | PLANK WET PPM | 05/02/1974 | | | .0000 | .0000 | .0000 | .0220 | .0000 | .0090 | .0130 |
| 1246 | 11A | PLANK WET PPM | 07/09/1974 | | | .0290 | .0031 | .0013 | .0050 | .0006 | .0044 | .0000 |
| 1325 | 11A | PLANK WET PPM | 09/19/1974 | | | .0360 | .0049 | .0015 | .0048 | .0043 | .0000 | .0005 |
| 876 | 11C | PLANK WET PPM | 01/23/1974 | | | .0180 | .0014 | .0010 | .0008 | .0006 | .0002 | .0000 |
| 1168 | 11C | PLANK WET PPM | 03/20/1974 | | | .0530 | .0120 | .0070 | .0190 | .0033 | .0069 | .0083 |
| 1178 | 11C | PLANK WET PPM | 05/02/1974 | | | .1100 | .0200 | .0190 | .0500 | .0120 | .0290 | .0088 |
| 1313 | 11C | PLANK WET PPM | 06/12/1974 | | | .0000 | .0000 | .0000 | .0025 | .0000 | .0010 | .0015 |
| 1253 | 11C | PLANK WET PPM | 07/09/1974 | | | .0260 | .0028 | .0020 | .0100 | .0022 | .0052 | .0028 |
| 1326 | 11C | PLANK WET PPM | 09/19/1974 | | | .0470 | .0067 | .0022 | .0260 | .0025 | .0220 | .0011 |
| 1177 | 11D | PLANK WET PPM | 05/01/1974 | | | .0560 | .0095 | .0084 | .0360 | .0032 | .0170 | .0160 |
| 1309 | 11D | PLANK WET PPM | 06/11/1974 | | | .0300 | .0026 | .0086 | .0200 | .0034 | .0000 | .0170 |
| 1247 | 11D | PLANK WET PPM | 07/08/1974 | | | .0100 | .0017 | .0072 | .0027 | .0011 | .0014 | .0002 |
| 1252 | 11E | PLANK WET PPM | 07/09/1974 | | | .4300 | .0520 | .0074 | .0720 | .0110 | .0470 | .0140 |
| 784 | 01A | S SED DRY PPM | 12/13/1973 | 1530 | 2.0 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 782 | 01A | S SED DRY PPM | 12/13/1973 | 1445 | 8.0 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 992 | 01A | S SED DRY PPM | 01/24/1974 | 1305 | 2.0 | .1200 | .0180 | .0370 | .1900 | .0260 | .0870 | .0790 |
| 897 | 01A | S SED DRY PPM | 03/21/1974 | 1157 | .0 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 898 | 01A | S SED DRY PPM | 03/21/1974 | 1145 | 13.0 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 1073 | 01A | S SED DRY PPM | 05/03/1974 | 1107 | .0 | .2600 | .0064 | .0450 | .0240 | .0130 | .0000 | .0110 |
| 1072 | 01A | S SED DRY PPM | 05/03/1974 | 1055 | 12.0 | .1200 | .0140 | .0620 | .0280 | .0120 | .0083 | .0080 |
| 799 | 05A | S SED DRY PPM | 12/13/1973 | 1045 | 10.0 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 989 | 05A | S SED DRY PPM | 01/24/1974 | 936 | 2.0 | .3800 | .0540 | .1400 | .1800 | .0420 | .1000 | .0420 |
| 988 | 05A | S SED DRY PPM | 01/24/1974 | 932 | 6.0 | .0240 | .0150 | .0000 | .0120 | .0000 | .0120 | .0000 |
| 981 | 05A | S SED DRY PPM | 03/21/1974 | 753 | 2.0 | .0000 | .0000 | .0000 | .1200 | .0044 | .0340 | .0840 |
| 0980 | 05A | S SED DRY PPM | 03/21/1974 | 845 | 7.5 | .0000 | .0000 | .0000 | .0420 | .0087 | .0330 | .0000 |
| 1074 | 05A | S SED DRY PPM | 05/03/1974 | | .0 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 1161 | 05A | S SED DRY PPM | 06/13/1974 | 751 | 2.0 | .0000 | .0000 | .3100 | .0540 | .0000 | .0540 | .0000 |
| 1160 | 05A | S SED DRY PPM | 06/13/1974 | 745 | 7.0 | .0000 | .0000 | .0000 | .0290 | .0039 | .0250 | .0000 |
| 792 | 05A | S SED DRY PPM | 12/13/1974 | 1045 | 2.0 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 790 | 07A | S SED DRY PPM | 12/13/1973 | 1445 | 2.0 | .3200 | .0000 | .0000 | .0260 | .0260 | .0000 | .0000 |
| 783 | 07A | S SED DRY PPM | 12/13/1973 | 1520 | 6.5 | .3000 | .0610 | .0560 | .1500 | .0052 | .0840 | .0610 |
| 863 | 07A | S SED DRY PPM | 01/24/1974 | 1015 | .0 | .1200 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 853 | 07A | S SED DRY PPM | 01/24/1974 | 1140 | 9.0 | .0220 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 970 | 07A | S SED DRY PPM | 03/21/1974 | 1310 | .0 | .6300 | .0910 | .0760 | .3000 | .0400 | .2300 | .0270 |
| 969 | 07A | S SED DRY PPM | 03/21/1974 | 1300 | 9.0 | .4500 | .0670 | .0760 | .2100 | .0053 | .1500 | .0500 |
| 1067 | 07A | S SED DRY PPM | 05/02/1974 | 1410 | .0 | .2700 | .1000 | .0000 | .2400 | .0220 | .1300 | .0880 |
| 1068 | 07A | S SED DRY PPM | 05/02/1974 | 1404 | 6.0 | 1.7000 | .2400 | .0980 | .0270 | .0000 | .0000 | .0270 |
| 1069 | 07A | S SED DRY PPM | 05/02/1974 | 1400 | 10.0 | .2400 | .0390 | .0550 | .1500 | .0240 | .1300 | .0000 |

BIOCHEMISTRY DATA REPORT PART-B
75/07/18.

| SAMPL NUMBR C501 | STAT ION C502 | SAMPLE TYPE AND UNITS C506 | DATE MM DD YY C503 | TIME HRS C504 | SAMPLE DEPT M C505 | TECHN CHLORDANE C513 | ALPHA CHLORDANE C514 | GAMMA CHLORDANE C515 | TOTAL DDT C516 | DDE - C517 | DDD - C518 | DDT - C519 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 858 | 08B | S SED DRY PPM | 01/24/1974 | 1415 | .0 | .4500 | .0910 | .2200 | .0910 | .0910 | .0000 | .0000 |
| 1064 | 08B | S SED DRY PPM | 05/02/1974 | 1455 | .0 | .0450 | .0090 | .0087 | .0750 | .0064 | .0320 | .0370 |
| 1065 | 08B | S SED DRY PPM | 05/02/1974 | 1515 | 2.5 | .0640 | .0160 | .0120 | .1100 | .0078 | .0420 | .0560 |
| 1066 | 08B | S SED DRY PPM | 05/02/1974 | 1530 | 5.0 | .0041 | .0024 | .0000 | .0250 | .0026 | .0110 | .0110 |
| 806 | 10A | S SED DRY PPM | 12/13/1973 | 955 | 2.0 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 862 | 10A | S SED DRY PPM | 01/22/1974 | 1700 | 8.0 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 795 | 10B | S SED DRY PPM | 12/12/1973 | 1235 | 2.0 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 796 | 10B | S SED DRY PPM | 12/12/1973 | 1235 | 10.0 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 804 | 10B | S SED DRY PPM | 12/13/1973 | 845 | 2.0 | .1800 | .0340 | .0220 | .0810 | .0120 | .0460 | .0230 |
| 805 | 10B | S SED DRY PPM | 12/13/1973 | 940 | 10.0 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 857 | 10B | S SED DRY PPM | 01/23/1974 | 1635 | .0 | .0920 | .0130 | .0220 | .0250 | .0056 | .0059 | .0130 |
| 866 | 10B | S SED DRY PPM | 01/23/1974 | 1725 | 10.0 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 960 | 10B | S SED DRY PPM | 03/20/1974 | 940 | .0 | .0000 | .0000 | .0000 | .0650 | .0110 | .0380 | .0160 |
| 959 | 10B | S SED DRY PPM | 03/20/1974 | 1340 | 12.0 | .0260 | .0042 | .0059 | .0100 | .0013 | .0050 | .0037 |
| 1055 | 10B | S SED DRY PPM | 05/02/1974 | 1005 | .0 | .0580 | .0094 | .0031 | .0590 | .0062 | .0250 | .0280 |
| 1056 | 10B | S SED DRY PPM | 05/02/1974 | 959 | 6.0 | .0000 | .0000 | .0000 | .0670 | .0000 | .0380 | .0290 |
| 1057 | 10B | S SED DRY PPM | 05/02/1974 | 955 | 11.0 | .9100 | .1600 | .0440 | .0610 | .0670 | .0000 | .0000 |
| 1159 | 10B | S SED DRY PPM | 06/12/1974 | 905 | 2.0 | .9000 | .1500 | .1600 | .0480 | .0480 | .0000 | .0000 |
| 1158 | 10B | S SED DRY PPM | 06/12/1974 | 855 | 11.0 | .0000 | .0000 | .0000 | .0150 | .0150 | .0000 | .0000 |
| 1287 | 10B | S SED DRY PPM | 07/31/1974 | 1340 | .0 | .6300 | .0900 | .0760 | .1100 | .0000 | .0760 | .0310 |
| 1286 | 10B | S SED DRY PPM | 07/31/1974 | 1500 | 6.0 | .5300 | .0750 | .0930 | .1200 | .0059 | .0810 | .0340 |
| 1285 | 10B | S SED DRY PPM | 07/31/1974 | 1330 | 10.0 | .2900 | .0420 | .0460 | .0990 | .0092 | .0760 | .0140 |
| 803 | 10C | S SED DRY PPM | 12/12/1973 | 1545 | 2.0 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 860 | 10C | S SED DRY PPM | 01/23/1974 | 1510 | .0 | .1100 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 868 | 10C | S SED DRY PPM | 01/23/1974 | 1550 | 6.0 | .0280 | .0051 | .0360 | .0380 | .0051 | .0330 | .0000 |
| 780 | 11A | S SED DRY PPM | 12/12/1973 | 955 | 2.0 | .2100 | .0350 | .0380 | .0000 | .0000 | .0000 | .0000 |
| 794 | 11A | S SED DRY PPM | 12/12/1973 | 1000 | 2.0 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 791 | 11A | S SED DRY PPM | 12/12/1973 | 1100 | 6.0 | .0790 | .0150 | .0160 | .0075 | .0075 | .0000 | .0000 |
| 871 | 11A | S SED DRY PPM | 01/23/1974 | 845 | .0 | .1800 | .0320 | .1000 | .1500 | .0160 | .1300 | .0000 |
| 861 | 11A | S SED DRY PPM | 01/23/1974 | 920 | 5.0 | .1100 | .0190 | .0420 | .0660 | .0200 | .0460 | .0000 |
| 952 | 11A | S SED DRY PPM | 03/20/1974 | 853 | .0 | .2600 | .0340 | .0250 | .1200 | .0140 | .0700 | .0310 |
| 951 | 11A | S SED DRY PPM | 03/20/1974 | 847 | 6.0 | .0000 | .0000 | .0000 | .0930 | .0210 | .0720 | .0000 |
| 1045 | 11A | S SED DRY PPM | 05/01/1974 | 805 | 8.0 | .0930 | .0170 | .0150 | .0350 | .0097 | .0250 | .0000 |
| 1275 | 11A | S SED DRY PPM | 07/31/1974 | 719 | .4 | .2600 | .0330 | .0360 | .0520 | .0000 | .0410 | .0110 |
| 1274 | 11A | S SED DRY PPM | 07/31/1974 | 715 | 4.4 | .3500 | .0560 | .0840 | .0850 | .0130 | .0440 | .0280 |
| 956 | 11C | S SED DRY PPM | 03/20/1974 | 1150 | .0 | .0000 | .0000 | .0000 | .0150 | .0029 | .0120 | .0000 |
| 955 | 11C | S SED DRY PPM | 03/20/1974 | 1032 | 28.0 | .3200 | .0420 | .0280 | .1200 | .0220 | .0630 | .0310 |
| 1049 | 11C | S SED DRY PPM | 05/01/1974 | 1402 | .0 | .0310 | .0084 | .0065 | .0240 | .0048 | .0120 | .0072 |
| 1050 | 11C | S SED DRY PPM | 05/01/1974 | 1440 | 10.5 | .1100 | .0260 | .0180 | .0750 | .0060 | .0280 | .0410 |
| 1051 | 11C | S SED DRY PPM | 05/01/1974 | 1525 | 21.0 | .0320 | .0053 | .0070 | .0550 | .0028 | .0130 | .0390 |
| 1281 | 11C | S SED DRY PPM | 07/31/1974 | 1205 | 2.4 | .0760 | .0110 | .0180 | .0010 | .0000 | .0010 | .0000 |
| 784 | 01A | S SED H20 PPT | 12/13/1973 | 1530 | 2.0 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 782 | 01A | S SED H20 PPT | 12/13/1973 | 1445 | 8.0 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 992 | 01A | S SED H20 PPT | 01/24/1974 | 1305 | 2.0 | 4.3000 | .6400 | 1.3000 | 6.8000 | .9100 | 3.1000 | 2.8000 |
| 897 | 01A | S SED H20 PPT | 03/21/1974 | 1157 | .0 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 898 | 01A | S SED H20 PPT | 03/21/1974 | 1145 | 13.0 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 1073 | 01A | S SED H20 PPT | 05/03/1974 | 1107 | .0 | 2.1000 | .0520 | .3600 | .2000 | .1000 | .0000 | .1000 |
| 1072 | 01A | S SED H20 PPT | 05/03/1974 | 1055 | 12.0 | 2.0000 | .2400 | 1.0000 | .4700 | .2000 | .1400 | .1300 |
| 799 | 05A | S SED H20 PPT | 12/13/1973 | 1045 | 10.0 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 989 | 05A | S SED H20 PPT | 01/24/1974 | 936 | 2.0 | 3.7000 | .5200 | 1.3000 | 1.8000 | .4000 | 1.0000 | .4000 |

| SAMPL NUMBR C501 | STAT ION C502 | SAMPLE TYPE AND UNITS C506 | DATE MM DD YY C503 | TIME HRS C504 | SAMPLE DEPT M C505 | TECHN CHLORDANE C513 | ALPHA CHLORDANE C514 | GAMMA CHLORDANE C515 | TOTAL DDT C516 | DDE - C517 | DDD - C518 | DDT - C519 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 988 | 05A | S SED H20 PPT | 01/24/1974 | 932 | 6.0 | .4800 | .3000 | .0000 | .2400 | .0000 | .2400 | .0000 |
| 981 | 05A | S SED H20 PPT | 03/21/1974 | 753 | 2.0 | .0000 | .0000 | .0000 | 2.9000 | .1100 | .8900 | 1.9000 |
| 0980 | 05A | S SED H20 PPT | 03/21/1974 | 845 | 7.5 | .0000 | .0000 | .0000 | 2.7000 | .5500 | 2.1000 | .0000 |
| 1074 | 05A | S SED H20 PPT | 05/03/1974 | | .0 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 1161 | 05A | S SED H20 PPT | 06/13/1974 | 751 | 2.0 | .0000 | .0000 | 4.8000 | .8200 | .0000 | .8200 | .0000 |
| 1160 | 05A | S SED H20 PPT | 06/13/1974 | 745 | 7.0 | .0000 | .0000 | .0000 | 1.1000 | .1500 | .9800 | .0000 |
| 792 | 05A | S SED H20 PPT | 12/13/1974 | 1045 | 2.0 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 790 | 07A | S SED H20 PPT | 12/13/1973 | 1445 | 2.0 | 2.3000 | .0000 | .0000 | .1900 | .1900 | .0000 | .0000 |
| 783 | 07A | S SED H20 PPT | 12/13/1973 | 1520 | 6.5 | 2.2000 | .4600 | .4200 | 1.1000 | .0390 | .6300 | .4600 |
| 863 | 07A | S SED H20 PPT | 01/24/1974 | 1015 | .0 | 1.4000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 853 | 07A | S SED H20 PPT | 01/24/1974 | 1140 | 9.0 | .1900 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 970 | 07A | S SED H20 PPT | 03/21/1974 | 1310 | .0 | 6.0000 | .8600 | .7200 | 2.9000 | .3700 | 2.2000 | .3100 |
| 969 | 07A | S SED H20 PPT | 03/21/1974 | 1300 | 9.0 | 3.7000 | .5300 | .6300 | 1.7000 | .0440 | 1.2000 | .4200 |
| 1067 | 07A | S SED H20 PPT | 05/02/1974 | 1410 | .0 | 1.7000 | .6600 | .0000 | 1.5000 | .1400 | .8300 | .5600 |
| 1068 | 07A | S SED H20 PPT | 05/02/1974 | 1404 | 6.0 | 8.5000 | 1.2000 | .5000 | .1400 | .0000 | .0000 | .1400 |
| 1069 | 07A | S SED H20 PPT | 05/02/1974 | 1400 | 10.0 | 1.9000 | .0320 | .4400 | 1.3000 | .1900 | 1.1000 | .0000 |
| 982 | 07B | S SED H20 PPT | 03/19/1974 | 950 | 2.0 | 1.2000 | .5000 | .1700 | .8000 | .0000 | .3500 | .4500 |
| 858 | 08B | S SED H20 PPT | 01/24/1974 | 1415 | .0 | 1.9000 | .3000 | .7200 | .3000 | .3000 | .0000 | .0000 |
| 965 | 08B | S SED H20 PPT | 03/21/1974 | 1110 | 4.0 | .6000 | .1000 | .1300 | .4800 | .0540 | .1900 | .2400 |
| 1064 | 08B | S SED H20 PPT | 05/02/1974 | 1455 | .0 | .5500 | .1100 | .1100 | .9200 | .0780 | .3900 | .4500 |
| 1065 | 08B | S SED H20 PPT | 05/02/1974 | 1515 | 2.5 | .7600 | .1900 | .1500 | 1.3000 | .0950 | .5100 | .6700 |
| 1066 | 08B | S SED H20 PPT | 05/02/1974 | 1530 | 5.0 | .1100 | .0630 | .0000 | .6700 | .0700 | .3100 | .2900 |
| 806 | 10A | S SED H20 PPT | 12/13/1973 | 955 | 2.0 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 862 | 10A | S SED H20 PPT | 01/22/1974 | 1700 | 8.0 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 795 | 10B | S SED H20 PPT | 12/12/1973 | 1235 | 2.0 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 796 | 10B | S SED H20 PPT | 12/12/1973 | 1235 | 10.0 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 804 | 10B | S SED H20 PPT | 12/13/1973 | 845 | 2.0 | .7800 | .1500 | .0900 | .3400 | .0490 | .1900 | .0990 |
| 805 | 10B | S SED H20 PPT | 12/13/1973 | 940 | 10.0 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 857 | 10B | S SED H20 PPT | 01/23/1974 | 1635 | .0 | .2500 | .0360 | .0610 | .0670 | .0160 | .0160 | .0350 |
| 866 | 10B | S SED H20 PPT | 01/23/1974 | 1725 | 10.0 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 960 | 10B | S SED H20 PPT | 03/20/1974 | 940 | .0 | .0000 | .0000 | .0000 | .8500 | .1400 | .5000 | .2100 |
| 959 | 10B | S SED H20 PPT | 03/20/1974 | 1340 | 12.0 | 1.5000 | .2300 | .3300 | .5600 | .0710 | .2800 | .2100 |
| 1055 | 10B | S SED H20 PPT | 05/02/1974 | 1005 | .0 | .3100 | .0510 | .0170 | .3200 | .0340 | .1400 | .1500 |
| 1056 | 10B | S SED H20 PPT | 05/02/1974 | 959 | 6.0 | .0000 | .0000 | .0000 | .3500 | .0000 | .2000 | .1500 |
| 1057 | 10B | S SED H20 PPT | 05/02/1974 | 955 | 11.0 | 19.0000 | 3.5000 | .9300 | 1.3000 | 1.3000 | .0000 | .0000 |
| 1159 | 10B | S SED H20 PPT | 06/12/1974 | 905 | 2.0 | 1.5000 | .2600 | .2800 | .0820 | .0820 | .0000 | .0000 |
| 1158 | 10B | S SED H20 PPT | 06/17/1974 | 855 | 11.0 | .0000 | .0000 | .0000 | .0170 | .0170 | .0000 | .0000 |
| 1287 | 10B | S SED H20 PPT | 07/31/1974 | 1340 | .0 | 3.4000 | .4900 | .4200 | .5900 | .0000 | .4200 | .1700 |
| 1286 | 10B | S SED H20 PPT | 07/31/1974 | 1500 | 6.0 | 2.0000 | .2700 | .3400 | .4400 | .0220 | .3000 | .1200 |
| 1285 | 10B | S SED H20 PPT | 07/31/1974 | 1330 | 10.0 | 3.2000 | .4700 | .5100 | 1.1000 | .1000 | .8400 | .1500 |
| 803 | 10C | S SED H20 PPT | 12/12/1973 | 1545 | 2.0 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 860 | 10C | S SED H20 PPT | 01/23/1974 | 1510 | .0 | .3700 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 868 | 10C | S SED H20 PPT | 01/23/1974 | 1550 | 6.0 | .1900 | .0340 | .2400 | .2500 | .0340 | .2200 | .0000 |
| 794 | 11A | S SED H20 PPT | 12/12/1973 | 1000 | 2.0 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 780 | 11A | S SED H20 PPT | 12/12/1973 | 955 | 2.0 | 1.4000 | .2200 | .2400 | .0000 | .0000 | .0000 | .0000 |
| 791 | 11A | S SED H20 PPT | 12/12/1973 | 1100 | 6.0 | .5100 | .0960 | .0100 | .0490 | .0490 | .0000 | .0000 |
| 871 | 11A | S SED H20 PPT | 01/23/1974 | 845 | .0 | .4400 | .0770 | .2400 | .3600 | .0390 | .3200 | .0000 |
| 861 | 11A | S SED H20 PPT | 01/23/1974 | 920 | 5.0 | .9200 | .1600 | .3500 | .5400 | .1600 | .3800 | .0000 |
| 952 | 11A | S SED H20 PPT | 03/20/1974 | 853 | .0 | 2.3000 | .3000 | .2300 | 1.0000 | .1300 | .6300 | .2800 |
| 951 | 11A | S SED H20 PPT | 03/20/1974 | 847 | 6.0 | .0000 | .0000 | .0000 | .8600 | .1900 | .6700 | .0000 |

| SAMPL NUMBR C501 | STAT ION C502 | SAMPLE TYPE AND UNITS C506 | DATE MM DD YY C503 | TIME HRS C504 | SAMPLE DEPT M C505 | TECHN CHLORDANE C513 | ALPHA CHLORDANE C514 | GAMMA CHLORDANE C515 | TOTAL DDT C516 | DDE - C517 | DDD - C518 | DDT - C519 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | |
| 1045 | 11A | S SED H20 PPT | 05/01/1974 | 805 | 8.0 | 1.3000 | .3300 | .2100 | .4800 | .1300 | .3500 | .0000 |
| 1275 | 11A | S SED H20 PPT | 07/31/1974 | 719 | .4 | 1.7000 | .2200 | .2300 | .2800 | .0000 | .2600 | .0150 |
| 1274 | 11A | S SED H20 PPT | 07/31/1974 | 715 | 4.4 | 2.8000 | .4100 | .6200 | .6300 | .0970 | .3200 | .2100 |
| 956 | 11C | S SED H20 PPT | 03/20/1974 | 1150 | .0 | .0000 | .0000 | .0000 | .1400 | .0270 | .1100 | .0000 |
| 955 | 11C | S SED H20 PPT | 03/20/1974 | 1032 | 28.0 | 5.3000 | .7000 | .4600 | 2.0000 | .3600 | 1.1000 | .5200 |
| 1049 | 11C | S SED H20 PPT | 05/01/1974 | 1402 | .0 | .3000 | .0800 | .0620 | .1900 | .0150 | .1100 | .0690 |
| 1050 | 11C | S SED H20 PPT | 05/01/1974 | 1440 | 10.5 | .3300 | .0780 | .0520 | .2200 | .0180 | .0820 | .1200 |
| 1051 | 11C | S SED H20 PPT | 05/01/1974 | 1525 | 21.0 | .3300 | .0560 | .0740 | .5700 | .0300 | .1300 | .4100 |
| 1281 | 11C | S SED H20 PPT | 07/31/1974 | 1205 | 2.4 | .2500 | .0360 | .0590 | .0320 | .0000 | .0320 | .0000 |
| 906B | 0MP | SSEW H20 PPB | 03/29/1974 | 830 | | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| 907B | 0MP | SSEW H20 PPB | 03/29/1974 | 1830 | | .0000 | .0000 | .0000 | .0004 | .0004 | .0000 | .0000 |
| 1076B | 0MP | SSEW H20 PPB | 05/03/1974 | 730 | | .0000 | .0000 | .0000 | .0010 | .0000 | .0010 | .0000 |
| 1487 | MP | WSEW H20 PPB | 11/05/1974 | 1100 | | .0570 | .0080 | .0052 | .0076 | .0003 | .0048 | .0015 |
| 907A | 0MP | WSEW H20 PPB | 03/29/1974 | 1830 | | .0970 | .0420 | .0210 | .0048 | .0000 | .0027 | .0021 |
| 906A | 0MP | WSEW H20 PPB | 03/29/1974 | 830 | | .0096 | .0090 | .0020 | .0120 | .0000 | .0120 | .0000 |
| 1076A | 0MP | WSEW H20 PPB | 05/03/1974 | 730 | | .0000 | .0000 | .0000 | .0300 | .0000 | .0300 | .0000 |
| 1319 | 0MP | WSEW H20 PPT | 09/04/1974 | 730 | | 24.0000 | 3.4000 | 1.8000 | 12.0000 | .1500 | 7.9000 | 4.0000 |

MICROBIOLOGY DATA REPORT PART-A
75/04/16.

| STATION C602 | DATE MMDDYY C603 | TIME HRS C604 | TYPE OF SAMPLE C605 | SURF TEMP C606 | BOTM TEMP C607 | D OXYG SURF C608 | D OXYG BOTM C609 | PH SURF C610 | PH BOTM C611 | SALNT SURF C612 | SALNT BOTM C613 | RCTV PHOSPH MCG A L C614 | RCTV NITRAT MCG A L C615 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | | |
| 00C | 06/13/1974 | 910 | BOTM WATER | 23.50 | | | | | | .00 | .00 | | |
| 00C | 09/20/1974 | 930 | BOTM WATER | | | | | | | | | | |
| 00C | 10/25/1974 | 930 | BOTM WATER | | | | | | | | | | |
| 00C | 11/28/1974 | 930 | BOTM WATER | | | | | | | | | | |
| 00C | 12/18/1974 | 930 | BOTM WATER | | | | | | | | | | |
| 01A | 12/13/1973 | 1425 | BOTM WATER | 4.50 | 4.30 | 12.90 | 13.00 | | | .05 | .04 | | |
| 01A | 01/24/1974 | 1355 | BOTM WATER | 2.65 | 2.46 | 13.60 | | | | .00 | .00 | | |
| 01A | 03/21/1974 | 1200 | BOTM WATER | 6.00 | 5.00 | 11.60 | 11.20 | | | | | | |
| 01A | 05/03/1974 | 1145 | BOTM WATER | 16.00 | 15.80 | 9.90 | 9.60 | | | | | | |
| 01A | 06/13/1974 | 1350 | BOTM WATER | 25.90 | 24.99 | 8.40 | 6.80 | | | | | | |
| 01A | 07/10/1974 | 1035 | BOTM WATER | 27.70 | 26.80 | 7.90 | 6.30 | | | | | | |
| 01A | 09/20/1974 | 1200 | BOTM WATER | 22.80 | 22.50 | 8.80 | 8.60 | | | 1.60 | .00 | | |
| 01A | 12/18/1974 | 1230 | BOTM WATER | 3.50 | 3.50 | 6.65 | 6.75 | | | .00 | .00 | | |
| 05A | 12/13/1973 | 1040 | BOTM WATER | 5.00 | 5.00 | 12.50 | 11.20 | | | 1.65 | 2.16 | | |
| 05A | 01/24/1974 | 1040 | BOTM WATER | 2.11 | 2.20 | 13.30 | 12.20 | | | 1.59 | 2.00 | | |
| 05A | 03/21/1974 | 830 | BOTM WATER | 5.35 | 5.43 | 12.60 | 11.60 | | | .53 | 1.94 | | |
| 05A | 05/03/1974 | 845 | BOTM WATER | 15.00 | 14.82 | 10.20 | 14.80 | | | 1.20 | 1.30 | | |
| 05A | 06/13/1974 | 845 | BOTM WATER | 22.40 | 22.35 | 8.80 | 8.40 | | | 2.82 | 3.16 | | |
| 05A | 07/09/1974 | 1200 | BOTM WATER | 27.80 | 27.20 | 8.00 | 8.00 | | | 2.54 | 2.84 | | |
| 05A | 09/19/1974 | 1135 | BOTM WATER | 23.50 | 23.00 | 8.30 | 7.45 | | | 5.40 | 6.20 | | |
| 05A | 10/24/1974 | 1245 | BOTM WATER | 13.20 | 12.50 | 10.15 | 9.80 | | | 5.50 | 6.70 | | |
| 05A | 11/27/1974 | 1130 | BOTM WATER | 6.00 | 6.00 | 12.10 | 12.00 | | | 4.26 | 4.48 | | |
| 05A | 12/17/1974 | 1040 | BOTM WATER | 4.22 | 5.14 | 12.80 | 12.00 | | | 2.56 | 6.80 | | |
| 10B | 12/12/1973 | 1150 | BOTM WATER | 6.50 | 8.00 | 11.40 | 9.50 | | | 8.15 | 12.70 | | |
| 10B | 01/23/1974 | 1625 | BOTM WATER | 4.70 | 4.50 | 12.70 | 12.20 | | | 4.28 | 12.60 | | |
| 10B | 03/20/1974 | 1020 | BOTM WATER | 6.00 | 5.50 | 12.20 | 11.30 | | | 4.18 | 11.70 | | |
| 10B | 05/02/1974 | 1000 | BOTM WATER | 14.66 | 14.53 | 10.20 | 10.40 | | | 5.18 | 5.02 | | |
| 10B | 06/12/1974 | 1057 | BOTM WATER | 23.32 | 17.06 | 8.40 | 1.00 | | | 5.71 | 16.11 | | |
| 10B | 07/09/1974 | 935 | BOTM WATER | 26.08 | 22.30 | 8.10 | 1.40 | | | 7.20 | 13.52 | | |
| 10B | 09/19/1974 | 930 | BOTM WATER | 23.00 | 23.80 | 8.25 | 4.25 | | | 11.00 | 16.30 | | |
| 10B | 10/24/1974 | 1010 | BOTM WATER | 12.50 | 16.00 | 10.00 | 6.60 | | | 11.44 | 18.64 | | |
| 10B | 11/27/1974 | 930 | BOTM WATER | 6.20 | 10.10 | 11.60 | 10.20 | | | 11.74 | 16.84 | | |
| 10B | 12/17/1974 | 830 | BOTM WATER | 4.48 | 7.00 | 12.20 | 10.30 | | | 5.00 | 17.40 | | |
| 11A | 12/12/1973 | 830 | BOTM WATER | 6.50 | 6.50 | 11.50 | 11.70 | | | 10.58 | 10.58 | | |
| 11A | 01/23/1974 | 810 | BOTM WATER | 2.90 | 3.30 | 11.30 | 11.30 | | | 5.50 | | | |
| 11A | 03/20/1974 | 755 | BOTM WATER | 5.66 | 5.71 | 12.40 | 12.40 | | | 5.58 | 5.67 | | |
| 11A | 05/02/1974 | 815 | BOTM WATER | 14.94 | 14.87 | 10.00 | 11.10 | | | 5.30 | 5.34 | | |
| 11A | 06/12/1974 | 950 | BOTM WATER | 22.89 | 19.87 | 8.20 | 3.20 | | | 6.45 | 10.73 | | |
| 11A | 07/09/1974 | 825 | BOTM WATER | 25.70 | 24.23 | 8.20 | 4.80 | | | 7.75 | 10.57 | | |
| 11A | 09/19/1974 | 800 | BOTM WATER | 23.00 | 23.00 | 8.20 | 7.10 | | | 12.01 | 12.88 | | |
| 11A | 10/24/1974 | 800 | BOTM WATER | 13.50 | 13.00 | 9.80 | 9.50 | | | 12.50 | 12.94 | | |
| 11A | 11/27/1974 | 800 | BOTM WATER | 7.80 | 7.80 | 10.60 | 10.40 | | | 13.26 | 14.10 | | |
| 11A | 12/17/1974 | 700 | BOTM WATER | 6.50 | 6.20 | 11.90 | 11.60 | | | 8.40 | 11.80 | | |
| 01A | 12/13/1973 | 1425 | SED | 4.50 | 4.30 | 12.90 | 13.00 | | | .05 | .04 | | |
| 01A | 01/24/1974 | 1355 | SED | 2.65 | 2.46 | 13.60 | | | | .00 | .00 | | |
| 01A | 03/21/1974 | 1200 | SED | 6.00 | 5.00 | 11.60 | 11.20 | | | | | | |
| 01A | 05/03/1974 | 1145 | SED | 16.00 | 15.80 | 9.90 | 9.60 | | | | | | |
| 01A | 06/13/1974 | 1350 | SED | 25.90 | 24.99 | 8.40 | 6.80 | | | | | | |
| 01A | 07/10/1974 | 1035 | SED | 27.70 | 26.80 | 7.90 | 6.30 | | | | | | |
| 01A | 09/20/1974 | 1200 | SED | 22.80 | 22.50 | 8.80 | 8.60 | | | 1.60 | .00 | | |

MICROBIOLOGY DATA REPORT PART-A
75/04/16.

| STATION C602 | DATE MMDDYY C603 | TIME HRS C604 | TYPE OF SAMPLE C605 | SURF TEMP C606 | BOTM TEMP C607 | D OXYG SURF C608 | D OXYG BOTM C609 | PH SURF C610 | PH BOTM C611 | SALNT SURF C612 | SALNT BOTM C613 | RCTV PHOSPH MCG A L C614 | RCTV NITRAT MCG A L C615 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | | |
| 01A | 12/18/1974 | 1230 | SED | 3.50 | 3.50 | 6.65 | 6.75 | | | .00 | .00 | | |
| 05A | 12/13/1973 | 1040 | SED | 5.00 | 5.00 | 12.50 | 11.20 | | | 1.65 | 2.16 | | |
| 05A | 01/24/1974 | 1040 | SED | 2.11 | 2.20 | 13.30 | 12.20 | | | 1.59 | 2.00 | | |
| 05A | 03/21/1974 | 830 | SED | 5.35 | 5.43 | 12.60 | 11.60 | | | .53 | 1.94 | | |
| 05A | 05/03/1974 | 845 | SED | 15.00 | 14.82 | 10.20 | 14.80 | | | 1.20 | 1.30 | | |
| 05A | 06/13/1974 | 845 | SED | 22.40 | 22.35 | 8.80 | 8.40 | | | 2.82 | 3.16 | | |
| 05A | 07/09/1974 | 1200 | SED | 27.80 | 27.20 | 8.00 | 8.00 | | | 2.54 | 2.84 | | |
| 05A | 09/19/1974 | 1135 | SED | 23.50 | 23.00 | 8.30 | 7.45 | | | 5.40 | 6.20 | | |
| 05A | 10/24/1974 | 1245 | SED | 13.20 | 12.50 | 10.15 | 9.80 | | | 5.50 | 6.70 | | |
| 05A | 11/27/1974 | 1130 | SED | 6.00 | 6.00 | 12.10 | 12.00 | | | 4.26 | 4.48 | | |
| 05A | 12/17/1974 | 1040 | SED | 4.22 | 5.14 | 12.80 | 12.00 | | | 2.56 | 6.80 | | |
| 10B | 12/12/1973 | 1150 | SED | 6.50 | 8.00 | 11.40 | 9.50 | | | 8.15 | 12.70 | | |
| 10B | 01/23/1974 | 1625 | SED | 4.70 | 4.50 | 12.70 | 12.20 | | | 4.28 | 12.60 | | |
| 10B | 03/20/1974 | 1020 | SED | 6.00 | 5.50 | 12.20 | 11.30 | | | 4.18 | 11.70 | | |
| 10B | 05/02/1974 | 1000 | SED | 14.66 | 14.53 | 10.20 | 10.40 | | | 5.18 | 5.02 | | |
| 10B | 06/12/1974 | 1057 | SED | 23.32 | 17.06 | 8.40 | 1.00 | | | 5.71 | 16.11 | | |
| 10B | 07/09/1974 | 935 | SED | 26.08 | 22.30 | 8.10 | 1.40 | | | 7.20 | 13.52 | | |
| 10B | 09/19/1974 | 930 | SED | 23.00 | 23.80 | 8.25 | 4.25 | | | 11.00 | 16.30 | | |
| 10B | 10/24/1974 | 1010 | SED | 12.50 | 16.00 | 10.00 | 6.60 | | | 11.44 | 18.64 | | |
| 10B | 11/27/1974 | 930 | SED | 6.20 | 10.10 | 11.60 | 10.20 | | | 11.74 | 16.84 | | |
| 10B | 12/17/1974 | 830 | SED | 4.48 | 7.00 | 12.20 | 10.30 | | | 5.00 | 17.40 | | |
| 11A | 12/12/1973 | 830 | SED | 6.50 | 6.50 | 11.50 | 11.70 | | | 10.58 | 10.58 | | |
| 11A | 01/23/1974 | 810 | SED | 2.90 | 3.30 | 11.30 | 11.30 | | | 5.50 | | | |
| 11A | 03/20/1974 | 755 | SED | 5.66 | 5.71 | 12.40 | 12.40 | | | 5.58 | 5.67 | | |
| 11A | 05/02/1974 | 815 | SED | 14.94 | 14.87 | 10.00 | 11.10 | | | 5.30 | 5.34 | | |
| 11A | 06/12/1974 | 950 | SED | 22.89 | 19.87 | 8.20 | 3.20 | | | 6.45 | 10.73 | | |
| 11A | 07/09/1974 | 825 | SED | 25.70 | 24.23 | 8.20 | 4.80 | | | 7.75 | 10.57 | | |
| 11A | 09/19/1974 | 800 | SED | 23.00 | 23.00 | 8.20 | 7.10 | | | 12.01 | 12.88 | | |
| 11A | 10/24/1974 | 800 | SED | 13.50 | 13.00 | 9.80 | 9.50 | | | 12.50 | 12.94 | | |
| 11A | 11/27/1974 | 800 | SED | 7.80 | 7.80 | 10.60 | 10.40 | | | 13.26 | 14.10 | | |
| 11A | 12/17/1974 | 700 | SED | 6.50 | 6.20 | 11.80 | 11.60 | | | 8.40 | 11.80 | | |
| 05A | 03/21/1974 | 830 | SURF WATER | 5.35 | 5.43 | 12.60 | 11.60 | | | .53 | 1.94 | | |
| 10B | 03/20/1974 | 1020 | SURF WATER | 6.00 | 5.50 | 12.20 | 11.30 | | | 4.18 | 11.70 | | |
| 11A | 03/20/1974 | 755 | SURF WATER | 5.66 | 5.71 | 12.40 | 12.40 | | | 5.58 | 5.67 | | |
| 01A | 12/13/1973 | 1425 | SUS SED | 4.50 | 4.30 | 12.90 | 13.00 | | | .05 | .04 | | |
| 01A | 01/24/1974 | 1355 | SUS SED | 2.65 | 2.46 | 13.60 | | | | .00 | .00 | | |
| 01A | 03/21/1974 | 1200 | SUS SED | 6.00 | 5.00 | 11.60 | 11.20 | | | | | | |
| 01A | 05/03/1974 | 1145 | SUS SED | 16.00 | 15.80 | 9.90 | 9.60 | | | | | | |
| 01A | 06/13/1974 | 1350 | SUS SED | 25.90 | 24.99 | 8.40 | 6.80 | | | | | | |
| 01A | 07/10/1974 | 1035 | SUS SED | 27.70 | 26.80 | 7.90 | 6.30 | | | | | | |
| 01A | 09/20/1974 | 1200 | SUS SED | 22.80 | 22.50 | 8.80 | 8.60 | | | 1.60 | .00 | | |
| 01A | 12/18/1974 | 1230 | SUS SED | 3.50 | 3.50 | 6.65 | 6.75 | | | .00 | .00 | | |
| 11A | 12/12/1973 | 830 | SUS SED | 6.50 | 6.50 | 11.50 | 11.70 | | | 10.58 | 10.58 | | |
| 11A | 01/23/1974 | 810 | SUS SED | 2.90 | 3.30 | 11.30 | 11.30 | | | 5.50 | | | |
| 11A | 03/20/1974 | 755 | SUS SED | 5.66 | 5.71 | 12.40 | 12.40 | | | 5.58 | 5.67 | | |
| 11A | 05/02/1974 | 815 | SUS SED | 14.94 | 14.87 | 10.00 | 11.10 | | | 5.30 | 5.34 | | |
| 11A | 06/12/1974 | 950 | SUS SED | 22.89 | 19.87 | 8.20 | 3.20 | | | 6.45 | 10.73 | | |
| 11A | 07/09/1974 | 825 | SUS SED | 25.70 | 24.23 | 8.20 | 4.80 | | | 7.75 | 10.57 | | |
| 11A | 09/19/1974 | 800 | SUS SED | 23.00 | 23.00 | 8.20 | 7.10 | | | 12.01 | 12.88 | | |
| 11A | 10/24/1974 | 800 | SUS SED | 13.50 | 13.00 | 9.80 | 9.50 | | | 12.50 | 12.94 | | |

MICROBIOLOGY DATA REPORT PART-A
75/04/16.

| STAT ION C602 | DATE MMDDYY C603 | TIME HRS C604 | TYPE OF SAMPLE C605 | SURF TEMP C606 | BOTM TEMP C607 | D OXYG SURF C608 | D OXYG BOTM C609 | PH SURF C610 | PH BOTM C611 | SALNT SURF C612 | SALNT BOTM C613 | RCTV PHOSPH MCG A L C614 | RCTV NITRAT MCG A L C615 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | | |
| 11A | 11/27/1974 | 800 | SUS SED | 7.80 | 7.80 | 10.60 | 10.40 | | | 13.26 | 14.10 | | |
| 11A | 12/17/1974 | 700 | SUS SED | 6.50 | 6.20 | 11.80 | 11.60 | | | 8.40 | 11.80 | | |

MICROBIOLOGY DATA REPORT PART-B
75/04/16.

| STATION C602 | DATE MMDDYY C603 | TIME HRS C604 | TYPE OF SAMPLE C605 | AMMONIA MCG A L C616 | ORG CARBON H20 MG AL C617 | ORG NITROGN MCG A L C618 | HUMIC ACID PPM C619 | TOTAL VIABLE CNT CFU ML C620 | TOTAL COLIF MPN 100ML C621 | FAECAL COL MPN 100ML C622 | FAECAL STR MNP 100ML C623 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | |
| 00C | 06/13/1974 | 910 | BOTM WATER | | | | | 10500.00 | 130.00 | 18.00 | 7.20 |
| 00C | 09/20/1974 | 930 | BOTM WATER | | | | | 5500.00 | 170.00 | 6.80 | 8.60 |
| 00C | 10/25/1974 | 930 | BOTM WATER | | | | | 8300.00 | 23.00 | 13.00 | .60 |
| 00C | 11/28/1974 | 930 | BOTM WATER | | | | | 29900.00 | 240.00 | 79.00 | 92.00 |
| 00C | 12/18/1974 | 930 | BOTM WATER | | | | | 49800.00 | 1600.00 | 430.00 | 220.00 |
| 01A | 12/13/1973 | 1425 | BOTM WATER | | | | | 114000.00 | | 1600.00 | 220.00 |
| 01A | 01/24/1974 | 1355 | BOTM WATER | | | | | 238000.00 | 16000.00 | 2400.00 | 2200.00 |
| 01A | 03/21/1974 | 1200 | BOTM WATER | | | | | 62000.00 | 330.00 | 78.00 | 86.00 |
| 01A | 05/03/1974 | 1145 | BOTM WATER | | | | | 97800.00 | 200.00 | 85.00 | 48.00 |
| 01A | 06/13/1974 | 1350 | BOTM WATER | | | | | 11700.00 | 45.00 | 20.00 | 14.60 |
| 01A | 07/10/1974 | 1035 | BOTM WATER | | | | | 20300.00 | 110.00 | 23.00 | 4.60 |
| 01A | 09/20/1974 | 1200 | BOTM WATER | | | | | 1850.00 | 540.00 | 4.50 | 15.00 |
| 01A | 12/18/1974 | 1230 | BOTM WATER | | | | | 910000.00 | 1600.00 | 33.00 | 220.00 |
| 05A | 12/13/1973 | 1040 | BOTM WATER | | | | | 10400.00 | | 23.00 | 15.00 |
| 05A | 01/24/1974 | 1040 | BOTM WATER | | | | | 25300.00 | 70.00 | 4.50 | 4.20 |
| 05A | 03/21/1974 | 830 | BOTM WATER | | | | | 24000.00 | 170.00 | 13.00 | 4.60 |
| 05A | 05/03/1974 | 845 | BOTM WATER | | | | | 21700.00 | 6.80 | 2.00 | 1.80 |
| 05A | 06/13/1974 | 845 | BOTM WATER | | | | | 3250.00 | 1.80 | 1.80 | 1.40 |
| 05A | 07/09/1974 | 1200 | BOTM WATER | | | | | 3000.00 | 7.80 | 2.00 | 1.50 |
| 05A | 09/19/1974 | 1135 | BOTM WATER | | | | | 1500.00 | 1.80 | 1.80 | .72 |
| 05A | 10/24/1974 | 1245 | BOTM WATER | | | | | 560.00 | 6.80 | 2.00 | .72 |
| 05A | 11/27/1974 | 1130 | BOTM WATER | | | | | 22100.00 | 2.00 | 2.00 | .72 |
| 05A | 12/17/1974 | 1040 | BOTM WATER | | | | | 43100.00 | 920.00 | 220.00 | 220.00 |
| 10B | 12/12/1973 | 1150 | BOTM WATER | | | | | 1070.00 | | 2.00 | 1.80 |
| 10B | 01/23/1974 | 1625 | BOTM WATER | | | | | 7080.00 | 33.00 | 7.80 | .70 |
| 10B | 03/20/1974 | 1020 | BOTM WATER | | | | | 14000.00 | 2.00 | 1.80 | 1.80 |
| 10B | 05/02/1974 | 1000 | BOTM WATER | | | | | 13500.00 | 2.00 | 1.80 | 1.80 |
| 10B | 06/12/1974 | 1057 | BOTM WATER | | | | | 4600.00 | 3.00 | 1.80 | 4.60 |
| 10B | 07/09/1974 | 935 | BOTM WATER | | | | | 1570.00 | 4.50 | 1.80 | .60 |
| 10B | 09/19/1974 | 930 | BOTM WATER | | | | | 1170.00 | 7.80 | 1.80 | 1.44 |
| 10B | 10/24/1974 | 1010 | BOTM WATER | | | | | 490.00 | 13.00 | 1.80 | 2.20 |
| 10B | 11/27/1974 | 930 | BOTM WATER | | | | | 1800.00 | 1.80 | 1.80 | .60 |
| 10B | 12/17/1974 | 830 | BOTM WATER | | | | | 31800.00 | 2.00 | 2.00 | 1.46 |
| 11A | 12/12/1973 | 830 | BOTM WATER | | | | | 19800.00 | | 7.80 | 1.50 |
| 11A | 01/23/1974 | 810 | BOTM WATER | | | | | 41100.00 | 21.00 | 2.00 | 3.00 |
| 11A | 03/20/1974 | 755 | BOTM WATER | | | | | 17000.00 | 33.00 | 1.80 | 1.80 |
| 11A | 05/02/1974 | 815 | BOTM WATER | | | | | 113000.00 | 1.80 | 1.80 | 1.80 |
| 11A | 06/12/1974 | 950 | BOTM WATER | | | | | 13900.00 | 33.00 | 2.00 | 15.00 |
| 11A | 07/09/1974 | 825 | BOTM WATER | | | | | 5500.00 | 49.00 | 2.00 | 30.00 |
| 11A | 09/19/1974 | 800 | BOTM WATER | | | | | 4150.00 | 22.00 | 1.80 | 92.00 |
| 11A | 10/24/1974 | 800 | BOTM WATER | | | | | 6900.00 | 7.80 | 2.00 | 1.80 |
| 11A | 11/27/1974 | 800 | BOTM WATER | | | | | 18100.00 | 4.50 | 1.80 | .60 |
| 11A | 12/17/1974 | 700 | BOTM WATER | | | | | 12100.00 | 33.00 | 4.50 | 3.00 |
| 01A | 12/13/1973 | 1425 | SED | | | | | 7500000.00 | | 14.00 | 460.00 |
| 01A | 01/24/1974 | 1355 | SED | | | | | 930000.00 | 130.00 | 17.00 | 46.00 |
| 01A | 03/21/1974 | 1200 | SED | | | | | 850000.00 | 31.00 | 1.80 | 7.20 |
| 01A | 05/03/1974 | 1145 | SED | | | | | 3640000.00 | 14.00 | 1.80 | 14.60 |
| 01A | 06/13/1974 | 1350 | SED | | | | | 10000000.00 | 540.00 | 79.00 | 14.60 |
| 01A | 07/10/1974 | 1035 | SED | | | | | 37400000.00 | 170.00 | 33.00 | 7.20 |
| 01A | 09/20/1974 | 1200 | SED | | | | | 10100000.00 | 49.00 | 49.00 | 7.20 |

MICROBIOLOGY DATA REPORT PART-B
75/04/16.

| STATION C602 | DATE MMDDYY C603 | TIME HRS C604 | TYPE OF SAMPLE C605 | AMMONIA MCG A L C616 | ORG CARBON H20 MG AL C617 | ORG NITROGN MCG A L C618 | HUMIC ACID PPM C619 | TOTAL VIABLE CNT CFU ML C620 | TOTAL COLIF MPN 100ML C621 | FAECAL COL MPN 100ML C622 | FAECAL STR MNP 100ML C623 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | |
| 01A | 12/18/1974 | 1230 | SED | | | | | 4500000.00 | 79.00 | 11.00 | 18.20 |
| 05A | 12/13/1973 | 1040 | SED | | | | | 750000.00 | | 1.80 | 60.00 |
| 05A | 01/24/1974 | 1040 | SED | | | | | 1200000.00 | 46.00 | 13.00 | 18.20 |
| 05A | 03/21/1974 | 830 | SED | | | | | 4300000.00 | 49.00 | 4.50 | 42.00 |
| 05A | 05/03/1974 | 845 | SED | | | | | 91300.00 | 1.80 | 1.80 | 6.00 |
| 05A | 06/13/1974 | 845 | SED | | | | | 31500.00 | 2.00 | 1.80 | 6.00 |
| 05A | 07/09/1974 | 1200 | SED | | | | | 111000.00 | 1.80 | 1.80 | 6.00 |
| 05A | 09/19/1974 | 1135 | SED | | | | | 121000.00 | 4.50 | 3.60 | 7.20 |
| 05A | 10/24/1974 | 1245 | SED | | | | | 89000.00 | 1.80 | 1.80 | 3.60 |
| 05A | 11/27/1974 | 1130 | SED | | | | | 260000.00 | 1.80 | 1.80 | 6.00 |
| 05A | 12/17/1974 | 1040 | SED | | | | | 386000.00 | 9.30 | 1.80 | 6.00 |
| 10B | 12/12/1973 | 1150 | SED | | | | | 380000.00 | | 1.80 | 72.00 |
| 10B | 01/23/1974 | 1625 | SED | | | | | 256000.00 | 2.00 | 1.80 | 7.20 |
| 10B | 03/20/1974 | 1020 | SED | | | | | 1500000.00 | 1.80 | 1.80 | 46.00 |
| 10B | 05/02/1974 | 1000 | SED | | | | | 2040000.00 | 1.80 | 1.80 | 18.20 |
| 10B | 06/12/1974 | 1057 | SED | | | | | 257000.00 | 3.60 | 1.80 | 6.00 |
| 10B | 07/09/1974 | 935 | SED | | | | | 1690000.00 | 17.00 | 1.80 | 6.00 |
| 10B | 09/19/1974 | 930 | SED | | | | | 2950000.00 | 1.80 | 1.80 | 7.20 |
| 10B | 10/24/1974 | 1010 | SED | | | | | 110000.00 | 1.80 | 1.80 | 7.20 |
| 10B | 11/27/1974 | 930 | SED | | | | | 241000.00 | 1.80 | 1.80 | 6.00 |
| 10B | 12/17/1974 | 830 | SED | | | | | 2520000.00 | 2.00 | 1.80 | 6.00 |
| 11A | 12/12/1973 | 830 | SED | | | | | 6600000.00 | | 1.80 | 1860.00 |
| 11A | 01/23/1974 | 810 | SED | | | | | 3250000.00 | 13.00 | 4.50 | 6.00 |
| 11A | 03/20/1974 | 755 | SED | | | | | 2400000.00 | 7.80 | 2.00 | 46.00 |
| 11A | 05/02/1974 | 815 | SED | | | | | 1340000.00 | 1.80 | 1.80 | 6.00 |
| 11A | 06/12/1974 | 950 | SED | | | | | 7900000.00 | 17.00 | 1.80 | 30.00 |
| 11A | 07/09/1974 | 825 | SED | | | | | 670000.00 | 1.80 | 1.80 | 18.20 |
| 11A | 09/19/1974 | 800 | SED | | | | | 281000.00 | 9.10 | 1.80 | 12.00 |
| 11A | 10/24/1974 | 800 | SED | | | | | 465000.00 | 1.80 | 1.80 | 6.00 |
| 11A | 11/27/1974 | 800 | SED | | | | | 45000000.00 | 4.00 | 1.80 | 22.00 |
| 11A | 12/17/1974 | 700 | SED | | | | | 2620000.00 | 1.80 | 1.80 | 6.00 |
| 05A | 03/21/1974 | 830 | SURF WATER | | | | | 29000.00 | 220.00 | 7.80 | 2.80 |
| 10B | 03/20/1974 | 1020 | SURF WATER | | | | | 27000.00 | 14.00 | 2.00 | .70 |
| 11A | 03/20/1974 | 755 | SURF WATER | | | | | 13000.00 | 17.00 | 1.80 | 1.40 |
| 01A | 12/13/1973 | 1425 | SUS SED | | | | | 750000.00 | | 9200.00 | 22000.00 |
| 01A | 01/24/1974 | 1355 | SUS SED | | | | | 1280000.00 | 32000.00 | 4800.00 | 44000.00 |
| 01A | 03/21/1974 | 1200 | SUS SED | | | | | 20000.00 | 2200.00 | 1360.00 | 120.00 |
| 01A | 05/03/1974 | 1145 | SUS SED | | | | | 985000.00 | 110.00 | 110.00 | 400.00 |
| 01A | 06/13/1974 | 1350 | SUS SED | | | | | 149000.00 | 400.00 | 360.00 | 120.00 |
| 01A | 07/10/1974 | 1035 | SUS SED | | | | | 2110.00 | 1580.00 | 980.00 | 120.00 |
| 01A | 09/20/1974 | 1200 | SUS SED | | | | | 2030000.00 | 45.00 | 1300.00 | 120.00 |
| 01A | 12/18/1974 | 1230 | SUS SED | | | | | | 1600.00 | 1600.00 | 880.00 |
| 11A | 12/12/1973 | 830 | SUS SED | | | | | 910000.00 | | 20.00 | 6.00 |
| 11A | 01/23/1974 | 810 | SUS SED | | | | | 314000.00 | 540.00 | 76.00 | 120.00 |
| 11A | 03/20/1974 | 755 | SUS SED | | | | | 150000.00 | 90.00 | 36.00 | 120.00 |
| 11A | 05/02/1974 | 815 | SUS SED | | | | | 2400000.00 | 20.00 | 18.00 | 60.00 |
| 11A | 06/12/1974 | 950 | SUS SED | | | | | 217000.00 | 1100.00 | 78.00 | 144.00 |
| 11A | 07/09/1974 | 825 | SUS SED | | | | | 2990.00 | 460.00 | 40.00 | 136.00 |
| 11A | 09/19/1974 | 800 | SUS SED | | | | | 14100.00 | 45.00 | 4.50 | 220.00 |
| 11A | 10/24/1974 | 800 | SUS SED | | | | | 10000.00 | 20.00 | 18.00 | 60.00 |

MICROBIOLOGY DATA REPORT PART-B
75/04/16.

| STATION C602 | DATE MMDDYY C603 | TIME HRS C604 | TYPE OF SAMPLE C605 | AMMONIA MCG A L C616 | ORG CARBON H20 MG AL C617 | ORG NITROGN MCG A L C618 | HUMIC ACID PPM C619 | TOTAL VIABLE CNT CFU ML C620 | TOTAL COLIF MPN 100ML C621 | FAECAL COL MPN 100ML C622 | FAECAL STR MNP 100ML C623 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | |
| 11A | 11/27/1974 | 800 | SUS SED | | | | | 47000.00 | 4.80 | 1.80 | 460.00 |
| 11A | 12/17/1974 | 700 | SUS SED | | | | | 371000.00 | 220.00 | 45.00 | 6.00 |

| STATION C602 | DATE MMDDYY C603 | TIME HRS C604 | TYPE OF SAMPLE C605 | TOTAL COL MILL TVC NM C625 | FAECAL COL MILL TVC NM C626 | FAECAL STR MILL TVC NM C627 | SECCHI DISC M C628 | COMMENTS OF SAMPLE C629 |
|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | |
| 00C | 06/13/1974 | 910 | BOTM WATER | 123.80 | 17.10 | 6.90 | | 622=< |
| 00C | 09/20/1974 | 930 | BOTM WATER | 309.06 | 12.36 | 15.63 | | |
| 00C | 10/25/1974 | 930 | BOTM WATER | 27.70 | 15.67 | | | |
| 00C | 11/28/1974 | 930 | BOTM WATER | 80.25 | 26.41 | 30.76 | | |
| 00C | 12/18/1974 | 930 | BOTM WATER | 321.60 | 86.46 | 44.22 | | 621,622=< |
| 01A | 12/13/1973 | 1425 | BOTM WATER | | 140.00 | 19.10 | .25 | 623,627=> |
| 01A | 01/24/1974 | 1355 | BOTM WATER | 672.00 | 100.80 | 92.40 | .30 | 623,627=> |
| 01A | 03/21/1974 | 1200 | BOTM WATER | 53.20 | 12.60 | 13.90 | | |
| 01A | 05/03/1974 | 1145 | BOTM WATER | 20.40 | 8.67 | 4.90 | .80 | |
| 01A | 06/13/1974 | 1350 | BOTM WATER | 38.50 | 17.10 | 12.50 | 1.25 | |
| 01A | 07/10/1974 | 1035 | BOTM WATER | 54.90 | 11.33 | 2.26 | 1.20 | |
| 01A | 09/20/1974 | 1200 | BOTM WATER | 2918.90 | 24.32 | 81.10 | 1.50 | |
| 01A | 12/18/1974 | 1230 | BOTM WATER | 16.80 | .34 | 2.31 | .25 | 621,623,625=< |
| 05A | 12/13/1973 | 1040 | BOTM WATER | | 22.00 | 14.40 | .60 | |
| 05A | 01/24/1974 | 1040 | BOTM WATER | 27.65 | 1.80 | 1.66 | .75 | |
| 05A | 03/21/1974 | 830 | BOTM WATER | 70.80 | 5.40 | 1.90 | .30 | |
| 05A | 05/03/1974 | 845 | BOTM WATER | 3.13 | .92 | .83 | .50 | |
| 05A | 06/13/1974 | 845 | BOTM WATER | 5.50 | 5.50 | 4.30 | 1.25 | 621,622,625,626=< |
| 05A | 07/09/1974 | 1200 | BOTM WATER | 26.00 | 6.66 | 5.00 | .80 | |
| 05A | 09/19/1974 | 1135 | BOTM WATER | 12.00 | 12.00 | 4.80 | | 621,622,625-627=< |
| 05A | 10/24/1974 | 1245 | BOTM WATER | 121.38 | 35.70 | 12.85 | 1.50 | |
| 05A | 11/27/1974 | 1130 | BOTM WATER | .90 | .90 | .32 | 2.00 | |
| 05A | 12/17/1974 | 1040 | BOTM WATER | 213.40 | 51.04 | 51.04 | .75 | |
| 10B | 12/12/1973 | 1150 | BOTM WATER | | 18.70 | 16.80 | 1.00 | |
| 10B | 01/23/1974 | 1625 | BOTM WATER | 46.60 | 11.00 | .99 | 1.75 | |
| 10B | 03/20/1974 | 1020 | BOTM WATER | 1.40 | 1.30 | 1.30 | .75 | 622,626=< |
| 10B | 05/02/1974 | 1000 | BOTM WATER | 1.48 | 1.33 | 1.33 | 1.25 | 622,626=< |
| 10B | 06/12/1974 | 1057 | BOTM WATER | 6.50 | 3.90 | 10.00 | 2.25 | 622,626=< |
| 10B | 07/09/1974 | 935 | BOTM WATER | 28.66 | 11.46 | 3.82 | 1.50 | |
| 10B | 09/19/1974 | 930 | BOTM WATER | 66.66 | 15.38 | 12.30 | 1.25 | 622,626=< |
| 10B | 10/24/1974 | 1010 | BOTM WATER | 265.20 | 36.70 | 44.88 | 2.25 | 622,626=< |
| 10B | 11/27/1974 | 930 | BOTM WATER | 9.90 | 9.90 | 3.33 | 2.00 | 621-627=< |
| 10B | 12/17/1974 | 830 | BOTM WATER | .63 | .63 | .45 | 1.25 | |
| 11A | 12/12/1973 | 830 | BOTM WATER | | 3.90 | .76 | 1.50 | |
| 11A | 01/23/1974 | 810 | BOTM WATER | 5.10 | .48 | .73 | 2.25 | |
| 11A | 03/20/1974 | 755 | BOTM WATER | 19.40 | 1.10 | 1.10 | .80 | 622,626=< |
| 11A | 05/02/1974 | 815 | BOTM WATER | .16 | .16 | .16 | .75 | 621,622,625,626=< |
| 11A | 06/12/1974 | 950 | BOTM WATER | 23.70 | 1.40 | 10.80 | 2.25 | |
| 11A | 07/09/1974 | 825 | BOTM WATER | 89.10 | 3.64 | 54.54 | 1.90 | 622,626=< |
| 11A | 09/19/1974 | 800 | BOTM WATER | 52.99 | 4.33 | 221.62 | 1.25 | 622,626=< |
| 11A | 10/24/1974 | 800 | BOTM WATER | 11.30 | 2.89 | 2.60 | 2.00 | |
| 11A | 11/27/1974 | 800 | BOTM WATER | 2.48 | .90 | .33 | 2.00 | 622,626=< |
| 11A | 12/17/1974 | 700 | BOTM WATER | 27.27 | 37.18 | 2.48 | 1.25 | |
| 01A | 12/13/1973 | 1425 | SED | | 1.88 | 6.20 | .25 | |
| 01A | 01/24/1974 | 1355 | SED | 140.40 | 18.40 | 49.70 | .30 | |
| 01A | 03/21/1974 | 1200 | SED | 36.60 | 2.10 | 8.50 | | 622=< |
| 01A | 05/03/1974 | 1145 | SED | 3.78 | .49 | 3.94 | .80 | |
| 01A | 06/13/1974 | 1350 | SED | 54.00 | 7.90 | 1.50 | 1.25 | |
| 01A | 07/10/1974 | 1035 | SED | 5.10 | 1.00 | .22 | 1.20 | |
| 01A | 09/20/1974 | 1200 | SED | 4.41 | 4.41 | .65 | 1.50 | |

| STATION C602 | DATE MMDDYY C603 | TIME HRS C604 | TYPE OF SAMPLE C605 | TOTAL COL MILL TVC NM C625 | FAECAL COL MILL TVC NM C626 | FAECAL STR MILL TVC NM C627 | SECCHI DISC M C628 | COMMENTS OF SAMPLE C629 |
|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | |
| 01A | 12/18/1974 | 1230 | SED | 17.38 | 2.42 | 4.00 | .25 | |
| 05A | 12/13/1973 | 1040 | SED | | 2.40 | 8.00 | .60 | 622,623,626,627=< |
| 05A | 01/24/1974 | 1040 | SED | 38.18 | 10.79 | 15.10 | .75 | |
| 05A | 03/21/1974 | 830 | SED | 11.30 | 1.00 | 9.70 | .30 | |
| 05A | 05/03/1974 | 845 | SED | 19.71 | 19.71 | 65.70 | .50 | 621-23,625-27=< |
| 05A | 06/13/1974 | 845 | SED | 63.50 | 57.15 | 190.50 | 1.25 | 622,623,626,627=< |
| 05A | 07/09/1974 | 1200 | SED | 16.20 | 16.20 | 54.00 | .80 | 621,622,625,626=< |
| 05A | 09/19/1974 | 1135 | SED | 37.17 | 29.70 | 59.47 | | 622,626=< |
| 05A | 10/24/1974 | 1245 | SED | 20.16 | 20.16 | 40.32 | 1.50 | 621,622,625,626=< |
| 05A | 11/27/1974 | 1130 | SED | 6.93 | 6.93 | 23.10 | 2.00 | 621-626=< |
| 05A | 12/17/1974 | 1040 | SED | 24.18 | 4.68 | 15.60 | .75 | 622,626=< |
| 10B | 12/12/1973 | 1150 | SED | | 4.73 | 18.90 | 1.00 | 622,626=< |
| 10B | 01/23/1974 | 1625 | SED | 7.80 | 7.04 | 28.20 | 1.75 | 622,626=< |
| 10B | 03/20/1974 | 1020 | SED | .90 | .90 | 30.80 | .75 | 621,622,625,626=< |
| 10B | 05/02/1974 | 1000 | SED | .88 | .88 | 8.92 | 1.25 | 621,622,625,626=< |
| 10B | 06/12/1974 | 1057 | SED | 14.00 | 7.00 | 23.30 | 2.25 | 622,623,626,627=< |
| 10B | 07/09/1974 | 935 | SED | 10.03 | 1.06 | 3.54 | 1.50 | 622,623,626,627=< |
| 10B | 09/19/1974 | 930 | SED | .61 | .61 | 2.45 | 1.25 | 622,626=< |
| 10B | 10/24/1974 | 1010 | SED | 5.06 | 5.06 | 65.52 | 2.25 | 622,626=< |
| 10B | 11/27/1974 | 930 | SED | 7.47 | 7.47 | 24.90 | 2.00 | 621-626=< |
| 10B | 12/17/1974 | 830 | SED | .80 | .72 | 2.40 | 1.25 | 622,623,626,627=< |
| 11A | 12/12/1973 | 830 | SED | | .30 | 28.10 | 1.50 | 622,626=< |
| 11A | 01/23/1974 | 810 | SED | 4.00 | 1.40 | 1.85 | 2.25 | 623,627=< |
| 11A | 03/20/1974 | 755 | SED | 3.30 | .80 | 19.20 | .80 | |
| 11A | 05/02/1974 | 815 | SED | 1.35 | 1.35 | 4.50 | .75 | 621,622,625,626=< |
| 11A | 06/12/1974 | 950 | SED | 2.20 | .20 | 3.90 | 2.25 | 622,626=< |
| 11A | 07/09/1974 | 825 | SED | 2.68 | 2.68 | 27.10 | 1.90 | 622,623,626,627=< |
| 11A | 09/19/1974 | 800 | SED | 32.40 | 6.41 | 42.72 | 1.25 | |
| 11A | 10/24/1974 | 800 | SED | 3.87 | 3.87 | 12.90 | 2.00 | 621,622,625,626=< |
| 11A | 11/27/1974 | 800 | SED | .08 | .03 | .44 | 2.00 | 622,626=< |
| 11A | 12/17/1974 | 700 | SED | .68 | .68 | 2.28 | 1.25 | 621-627=< |
| 05A | 03/21/1974 | 830 | SURF WATER | 75.90 | 2.70 | 1.00 | .30 | |
| 10B | 03/20/1974 | 1020 | SURF WATER | 5.20 | .70 | .30 | .75 | |
| 11A | 03/20/1974 | 755 | SURF WATER | 13.10 | 1.40 | 1.10 | .80 | 622,626=< |
| 01A | 12/13/1973 | 1425 | SUS SED | | 123.00 | 295.00 | .30 | 623,627=> |
| 01A | 01/24/1974 | 1355 | SUS SED | 249.60 | 37.40 | 343.00 | .30 | 621,623,627=> |
| 01A | 03/21/1974 | 1200 | SUS SED | 1100.00 | 680.00 | 60.00 | | 623,627=< |
| 01A | 05/03/1974 | 1145 | SUS SED | 28.90 | 28.40 | 10.20 | .80 | |
| 01A | 06/13/1974 | 1350 | SUS SED | 26.80 | 24.20 | 1.80 | 1.25 | 622,623,626,627=< |
| 01A | 07/10/1974 | 1035 | SUS SED | 143.62 | 89.08 | 10.90 | 1.20 | 623,627=< |
| 01A | 09/20/1974 | 1200 | SUS SED | .22 | 6.37 | .58 | 1.50 | 623,627=< |
| 01A | 12/18/1974 | 1230 | SUS SED | | | | | 621,622=< |
| 11A | 12/12/1973 | 830 | SUS SED | | .22 | .66 | 1.50 | 623,627=< |
| 11A | 01/23/1974 | 810 | SUS SED | 17.20 | 2.40 | 3.80 | 2.25 | 623,627=< |
| 11A | 03/20/1974 | 755 | SUS SED | 6.00 | 2.40 | 8.60 | .80 | 622,623,626,627=< |
| 11A | 05/02/1974 | 815 | SUS SED | 8.40 | 7.60 | 25.20 | .75 | 622,623,626,627=< |
| 11A | 06/12/1974 | 950 | SUS SED | 50.70 | 3.60 | 6.60 | 2.25 | |
| 11A | 07/09/1974 | 825 | SUS SED | 1583.24 | 133.76 | 454.78 | 1.90 | |
| 11A | 09/19/1974 | 800 | SUS SED | 31.90 | 3.19 | 155.98 | 1.25 | 622,627=< |
| 11A | 10/24/1974 | 800 | SUS SED | 33.34 | 30.00 | 100.00 | 2.00 | 622,626=< |

MICROBIOLOGY DATA REPORT PART-C
75/04/16.

| STAT ION C602 | DATE MMDDYY C603 | TIME HRS C604 | TYPE OF SAMPLE C605 | TOTAL COL MILL TVC NM C625 | FAECAL COL MILL TVC NM C626 | FAECAL STR MILL TVC NM C627 | SECCHI DISC M C628 | COMMENTS OF SAMPLE C629 |
|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | |
| 11A | 11/27/1974 | 800 | SUS SED | 1.02 | .38 | 97.90 | 2.00 | 622,626=< |
| 11A | 12/17/1974 | 700 | SUS SED | 5.94 | 1.21 | .16 | 1.25 | 623,627=< |

| SAMPLE TYPE C701 | SAMP NUMB C703 | STAT ION C702 | SMPG METH C704 | DATE MM DD YY C705 | TIME HRS C706 | SURF TEMP C707 | SURF SALN C708 | SURF OXYG C709 | SURF PH C710 | DEPTH RANGE C711 | BIOMAS MG"M3 C713 | BIOM W MG"M3 C714 | BIOM D MG"M3 C715 | BI-ASH MG"M3 C716 | A-FR O MG"M3 C717 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | | | | |
| ZOOPLANKTN | 1 | 11A | 001 | 12/12/1973 | 1100 | 7.0 | 7.9 | 13.4 | | 0.. 8 | 158.29 | 128.34 | 17.135 | 15.879 | 1.236 |
| ZOOPLANKTN | 2 | 10B | 001 | 12/12/1973 | 1300 | 7.0 | 5.4 | 11.4 | | 0..15 | 133.81 | 99.59 | 13.094 | 11.756 | 1.338 |
| ZOOPLANKTN | 3 | 05A | 001 | 12/13/1973 | 1025 | 5.3 | .1 | 12.5 | 7.5 | 0.. 7 | 110.66 | 80.32 | 9.501 | .000 | .000 |
| ZOOPLANKTN | 4 | 01A | 001 | 12/13/1973 | 1410 | 4.5 | .0 | 13.0 | 7.5 | 0..08 | 126.98 | 50.98 | 20.499 | 5.986 | 14.513 |
| ZOOPLANKTN | 5 | 09A | 001 | 12/14/1973 | 1110 | 6.5 | 5.0 | | 7.5 | 0..06 | 243.06 | 115.14 | 16.528 | 15.417 | 1.111 |
| ZOOPLANKTN | 6 | 08A | 001 | 12/14/1973 | 1350 | 6.7 | 5.0 | | 7.4 | 0..04 | 173.29 | 65.42 | 89.531 | 82.455 | 7.081 |
| ZOOPLANKTN | 7 | 07A | 001 | 12/14/1973 | 1515 | 6.0 | 5.1 | | 7.2 | 0..07 | 999.99 | 990.99 | 99.999 | 99.999 | 21.471 |
| ZOOPLANKTN | 8 | 09A | 001 | 01/17/1974 | 928 | 2.5 | 2.4 | | 7.5 | 0..07 | 121.56 | 118.06 | 15.651 | 13.751 | 1.809 |
| ZOOPLANKTN | 9 | 09B | 001 | 01/17/1974 | 1037 | 2.0 | 2.4 | | 7.5 | 0..11 | 491.68 | 434.73 | 66.786 | 61.050 | 5.736 |
| ZOOPLANKTN | 10 | 09C | 001 | 01/17/1974 | 1132 | 2.0 | 1.8 | | 7.5 | 0..05 | 109.16 | 248.42 | 41.637 | 37.739 | 3.899 |
| ZOOPLANKTN | 11 | 11A | 001 | 01/23/1974 | 842 | 3.5 | 3.9 | 11.3 | 7.5 | 0..04 | 120.22 | 121.02 | 15.009 | 13.260 | 1.749 |
| ZOOPLANKTN | 12 | 11C | 001 | 01/23/1974 | 1000 | 4.5 | 1.3 | | 7.6 | 0..20 | 200.58 | 164.47 | 23.607 | 20.675 | 2.932 |
| ZOOPLANKTN | 13 | 07A | 001 | 01/23/1974 | 1305 | 7.0 | 1.3 | | 7.1 | 0..04 | 467.11 | 476.93 | 59.601 | 53.806 | 5.795 |
| ZOOPLANKTN | 14 | 10B | 001 | 01/23/1974 | 1635 | 5.0 | 1.7 | 12.7 | 7.5 | 0..10 | 69.26 | 59.70 | 8.797 | 7.273 | 1.524 |
| ZOOPLANKTN | 15 | 08B | 001 | 01/24/1974 | 925 | 3.0 | 1.2 | | 7.4 | 0..08 | 36.23 | 39.41 | 5.631 | 11.094 | -5.463 |
| ZOOPLANKTN | 16 | 05A | 001 | 01/24/1974 | 1100 | 2.5 | 1.6 | 13.3 | 7.3 | 0..06 | 14.34 | 11.89 | 1.706 | 1.276 | .430 |
| ZOOPLANKTN | 17 | 01A | 001 | 01/24/1974 | 1400 | 2.7 | .0 | | | 0..24 | 123.84 | 137.09 | 47.183 | 17.833 | 29.350 |
| ZOOPLANKTN | 18 | 03B | 001 | 01/24/1974 | 1610 | 3.5 | .2 | | 7.5 | 0..09 | 38.43 | 33.97 | 7.480 | 4.228 | 3.252 |
| ZOOPLANKTN | 19 | 05B | 001 | 01/24/1974 | 1655 | 2.5 | .1 | | 7.4 | 0..07 | 8.09 | 7.91 | .956 | .706 | .250 |
| ZOOPLANKTN | 20 | 08C | 001 | 01/24/1974 | 1745 | 2.5 | .9 | | 7.5 | 0..06 | 26.32 | 21.28 | 2.807 | 1.028 | 1.780 |
| ZOOPLANKTN | 21 | 07A | 001 | 03/19/1974 | 1105 | 7.0 | | | 7.3 | 0..09 | 877.91 | 838.90 | 97.546 | 90.474 | 7.072 |
| ZOOPLANKTN | 22 | 11D | 001 | 03/19/1974 | 1413 | 7.0 | | | 7.7 | 0..05 | 999.99 | 999.99 | 99.999 | 99.999 | -2.138 |
| ZOOPLANKTN | 23 | 11A | 001 | 03/20/1974 | 820 | 6.0 | 5.6 | 12.4 | 7.6 | 0..04 | 479.93 | 492.85 | 67.559 | 60.545 | 7.014 |
| ZOOPLANKTN | 24 | 11C | 001 | 03/20/1974 | 945 | 6.0 | | | 7.6 | 0..16 | 999.99 | 999.99 | 99.999 | 99.999 | 8.901 |
| ZOOPLANKTN | 25 | 10B | 001 | 03/20/1974 | 1110 | 6.5 | 4.2 | 12.2 | 7.5 | 0..09 | 290.49 | 284.39 | 38.635 | 37.473 | 1.162 |
| ZOOPLANKTN | 26 | 08C | 001 | 03/20/1974 | 1200 | 6.5 | | | 7.6 | 0..08 | 899.76 | 999.99 | 99.999 | 99.999 | 13.301 |
| ZOOPLANKTN | 27 | 08B | 001 | 03/20/1974 | 1215 | 6.5 | | | 7.5 | 0..05 | 371.88 | 349.33 | 40.442 | 33.469 | 6.973 |
| ZOOPLANKTN | 28 | 05A | 001 | 03/21/1974 | 845 | 6.0 | .5 | 12.6 | 7.3 | 0..04 | 97.56 | 84.93 | 9.073 | 7.659 | 1.415 |
| ZOOPLANKTN | 29 | 01A | 001 | 03/21/1974 | 1310 | 7.0 | .0 | 11.6 | 7.4 | 0..06 | 18.30 | 21.13 | 2.745 | 1.372 | 1.372 |
| ZOOPLANKTN | 30 | 03B | 001 | 03/21/1974 | 1430 | 7.2 | | | 7.2 | 0..05 | 33.83 | 29.21 | 6.653 | 5.300 | 1.353 |
| ZOOPLANKTN | 31 | 05B | 001 | 03/21/1974 | 1515 | 7.1 | | | 7.3 | 0..05 | 433.18 | 365.05 | 40.955 | 34.851 | 6.104 |
| ZOOPLANKTN | 32 | 07B | 001 | 05/01/1974 | 850 | 17.5 | 3.8 | 8.2 | 7.3 | 0-- 9 | 97.72 | 55.70 | 8.404 | 5.537 | 2.867 |
| ZOOPLANKTN | 33 | 11D | 001 | 05/01/1974 | 1340 | 17.2 | 8.5 | 8.8 | 7.9 | 0--06 | 198.90 | 86.41 | 12.155 | 10.387 | 1.768 |
| ZOOPLANKTN | 34 | 11C | 001 | 05/02/1974 | 755 | 13.5 | 7.2 | 9.2 | 7.7 | 0--24 | 18.52 | 9.11 | 1.148 | .889 | .259 |
| ZOOPLANKTN | 35 | 11A | 001 | 05/02/1974 | 830 | 15.0 | 6.4 | 9.6 | 7.8 | 0--06 | 25.71 | 7.56 | .771 | .000 | |
| ZOOPLANKTN | 36 | 10B | 001 | 05/02/1974 | 954 | 14.9 | 6.2 | 9.7 | 8.0 | 0--12 | 6.05 | 1.60 | .182 | .000 | |
| ZOOPLANKTN | 37 | 08C | 001 | 05/02/1974 | 1110 | 14.9 | 4.2 | 8.6 | 7.6 | 0--10 | 6.70 | .80 | .067 | .045 | .022 |
| ZOOPLANKTN | 38 | 08B | 001 | 05/02/1974 | 1152 | 15.0 | 3.2 | 8.5 | 7.5 | 0--05 | 9.02 | 1.92 | .195 | .165 | .030 |
| ZOOPLANKTN | 39 | 05A | 001 | 05/03/1974 | 825 | 15.0 | 1.6 | 8.6 | 7.5 | 0--04 | 32.29 | 15.71 | 1.758 | 1.327 | .431 |
| ZOOPLANKTN | 40 | 03B | 001 | 05/03/1974 | 1010 | 16.7 | 1.4 | | 7.5 | 0--03 | 55.08 | 62.38 | 7.573 | 6.678 | .895 |
| ZOOPLANKTN | 41 | 01A | 001 | 05/03/1974 | 1200 | 16.0 | .0 | 9.9 | | 0--05 | 28.57 | 11.81 | 1.810 | .667 | 1.143 |
| ZOOPLANKTN | 42 | 05B | 001 | 05/03/1974 | 1430 | 17.3 | | | | 0--03 | 16.50 | 22.14 | 2.680 | 1.938 | .742 |
| ZOOPLANKTN | 43 | 07B | 001 | 06/11/1974 | 835 | 24.3 | 6.6 | 7.8 | 7.7 | 0--09 | 16.78 | 11.75 | 2.005 | 1.571 | .435 |
| ZOOPLANKTN | 44 | 07A | 001 | 06/11/1974 | 1033 | | | | | | 55.46 | 36.81 | 6.655 | 6.586 | .069 |
| ZOOPLANKTN | 45 | 11D | 001 | 06/11/1974 | 1325 | 23.7 | 8.4 | 7.8 | 7.7 | 0--04 | 10.59 | 4.21 | .503 | .529 | |
| ZOOPLANKTN | 46 | 11C | 001 | 06/12/1974 | 800 | 22.5 | 5.8 | 8.3 | 7.7 | 0--09 | 3.31 | 1.57 | .133 | .199 | |
| ZOOPLANKTN | 47 | 11A | 001 | 06/12/1974 | 854 | 22.5 | 5.7 | 9.1 | 7.7 | 0--10 | 7.60 | 2.26 | .361 | .285 | .076 |
| ZOOPLANKTN | 48 | 10B | 001 | 06/12/1974 | 953 | 24.0 | 5.2 | 7.8 | 7.7 | 0--10 | 49.13 | 20.49 | .532 | .450 | .082 |
| ZOOPLANKTN | 49 | 08C | 001 | 06/12/1974 | 1120 | 22.5 | 4.4 | 9.2 | 7.7 | 0--09 | 13.36 | 4.14 | .267 | .172 | .095 |
| ZOOPLANKTN | 50 | 08B | 001 | 06/12/1974 | 1225 | 22.7 | 4.5 | 8.0 | 7.7 | 0--06 | 26.82 | 4.34 | .760 | .804 | |

| SAMPLE TYPE C701 | SAMP NUMB C703 | STAT ION C702 | SMPG METH C704 | DATE MM DD YY C705 | TIME HRS C706 | SURF TEMP C707 | SURF SALN C708 | SURF OXYG C709 | SURF PH C710 | DEPTH RANGE C711 | BIOMAS MG"M3 C713 | BIOM W MG"M3 C714 | BIOM D MG"M3 C715 | BI-ASH MG"M3 C716 | A-FR D MG"M3 C717 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | | | | | | |
| ZOOPLANKTN | 51 | 05B | 001 | 06/13/1974 | 820 | | | | | | 8.60 | 1.91 | .237 | .495 | |
| ZOOPLANKTN | 52 | 05A | 001 | 06/13/1974 | 840 | 22.1 | 3.4 | 7.1 | 7.6 | 0--09 | 8.19 | .96 | .143 | .287 | |
| ZOOPLANKTN | 53 | 03B | 001 | 06/13/1974 | 1050 | | | | | | 20.88 | 8.52 | 1.211 | 1.044 | .167 |
| ZOOPLANKTN | 54 | 01A | 001 | 06/13/1974 | 1346 | 29.5 | .0 | 8.4 | | 0--10 | 29.94 | 55.39 | 3.952 | 3.772 | .180 |
| ZOOPLANKTN | 55 | 07B | 001 | 07/08/1974 | 835 | 27.1 | | 6.3 | 7.7 | 0--09 | 19.36 | 8.03 | 1.710 | 1.355 | .355 |
| ZOOPLANKTN | 56 | 11D | 001 | 07/08/1974 | 1400 | 28.0 | 9.4 | 8.1 | 7.6 | 0--10 | 147.74 | 133.04 | 14.848 | 13.149 | 1.699 |
| ZOOPLANKTN | 57 | 11C | 001 | 07/09/1974 | 800 | | | | | | 60.91 | 52.26 | 6.010 | 5.523 | .487 |
| ZOOPLANKTN | 58 | 11A | 001 | 07/09/1974 | 825 | 25.2 | 8.7 | 8.4 | 7.7 | 0--06 | 36.24 | 36.24 | 4.983 | 4.439 | .544 |
| ZOOPLANKTN | 59 | 10B | 001 | 07/09/1974 | 940 | 25.4 | 5.6 | 7.7 | 7.6 | 0--06 | 8.31 | 10.14 | 1.591 | 1.473 | .119 |
| ZOOPLANKTN | 60 | 08C | 001 | 07/09/1974 | 1040 | | | | | 0..05 | 8.90 | 4.89 | .645 | .556 | .089 |
| ZOOPLANKTN | 61 | 05A | 001 | 07/09/1974 | 1140 | 26.5 | 4.2 | 6.4 | 7.7 | 0--06 | 58.21 | 48.07 | 6.154 | 5.988 | .166 |
| ZOOPLANKTN | 62 | 03B | 001 | 07/10/1974 | 845 | | | | | 0..06 | 2.37 | 1.30 | .284 | .190 | .095 |
| ZOOPLANKTN | 63 | 01A | 001 | 07/10/1974 | 1145 | 27.6 | .0 | 7.8 | 7.7 | 0--04 | 29.23 | 14.45 | 1.127 | 1.002 | .125 |
| ZOOPLANKTN | 64 | 11D | 001 | 09/18/1974 | 915 | 26.5 | 12.3 | 5.6 | 7.9 | 00..08 | 530.19 | 438.53 | 45.479 | 40.530 | 4.949 |
| ZOOPLANKTN | 65 | 07B | 001 | 09/18/1974 | 1355 | 24.5 | 8.5 | 3.1 | 7.0 | 00..09 | 28.20 | 16.18 | 2.690 | 2.213 | .477 |
| ZOOPLANKTN | 66 | 11A | 001 | 09/19/1974 | 800 | 23.1 | 10.5 | 6.2 | 7.5 | 00..05 | 41.67 | 54.17 | 8.281 | 7.656 | .625 |
| ZOOPLANKTN | 67 | 11C | 001 | 09/19/1974 | 900 | 23.1 | 10.5 | 5.4 | 7.4 | | 62.50 | 49.97 | 5.987 | 5.428 | .559 |
| ZOOPLANKTN | 68 | 10B | 001 | 09/19/1974 | 937 | 23.1 | 9.5 | 5.9 | 7.4 | 00..12 | 15.87 | 12.01 | .688 | .635 | .053 |
| ZOOPLANKTN | 69 | 08C | 001 | 09/19/1974 | 1033 | 23.0 | 9.5 | 7.3 | 8.0 | 00..08 | 32.79 | 11.80 | .656 | .749 | -0.094 |
| ZOOPLANKTN | 70 | 05A | 001 | 09/19/1974 | 1215 | 23.5 | 4.8 | 6.0 | 7.4 | 00..08 | 23.77 | 22.27 | 2.523 | 2.450 | .073 |
| ZOOPLANKTN | 71 | 01A | 001 | 09/20/1974 | 1047 | 23.3 | .0 | 8.8 | | 00..16 | 50.76 | 42.79 | 3.655 | 3.452 | .203 |
| ZOOPLANKTN | 72 | 03B | 001 | 09/20/1974 | 1315 | | | | | | 205.48 | 151.10 | 20.411 | 19.726 | .685 |
| ZOOPLANKTN | 73 | 11A | 001 | 10/24/1974 | 800 | 13.4 | 10.8 | 10.7 | 8.0 | 00..10 | 4.16 | 2.50 | 4.719 | .249 | 4.470 |
| ZOOPLANKTN | 74 | 11C | 001 | 10/24/1974 | 930 | | | | | 00..27 | 11.43 | 11.03 | 6.657 | .549 | 6.109 |
| ZOOPLANKTN | 75 | 10B | 001 | 10/24/1974 | 1010 | 13.1 | 10.3 | 11.0 | 8.3 | 00..13 | 4.20 | 3.94 | 2.319 | .092 | 2.227 |
| ZOOPLANKTN | 76 | 08C | 001 | 10/24/1974 | 1130 | | | | | 00..11 | 9.93 | 6.86 | 2.316 | .143 | 2.173 |
| ZOOPLANKTN | 77 | 05B | 001 | 10/24/1974 | 1225 | | | | | 0..11 | 10.42 | 6.34 | 2.777 | .365 | 2.413 |
| ZOOPLANKTN | 78 | 05A | 001 | 10/24/1974 | 1250 | 13.0 | 5.1 | 10.5 | 7.8 | 00..09 | 22.32 | 12.38 | 4.605 | 1.141 | 3.464 |
| ZOOPLANKTN | 79 | 03B | 001 | 11/25/1974 | 1140 | | | | | 00..11 | 28.53 | 21.21 | 6.732 | 2.209 | 4.523 |
| ZOOPLANKTN | 80 | 001 | 001 | 11/25/1974 | 1020 | 12.0 | .5 | 5.3 | 7.9 | 00..03 | 264.90 | 205.30 | 50.596 | 20.662 | 29.934 |
| ZOOPLANKTN | 81 | 002 | 001 | 11/25/1974 | 1155 | 10.0 | 1.0 | 3.5 | 8.2 | 00..08 | 468.57 | 400.46 | 82.743 | 46.400 | 36.343 |
| ZOOPLANKTN | 82 | 003 | 001 | 11/25/1974 | | 9.0 | .9 | 3.3 | 8.2 | 00..09 | | | | | |
| ZOOPLANKTN | 83 | 005 | 001 | 11/25/1974 | 1515 | 9.0 | .6 | 4.0 | 8.8 | 00..05 | 22.51 | 11.07 | 6.567 | 1.726 | 4.841 |
| ZOOPLANKTN | 84 | 11A | 001 | 11/27/1974 | 715 | 7.6 | 12.3 | 7.0 | 7.4 | 00..09 | 24.34 | 16.71 | 5.139 | 1.893 | 3.246 |
| ZOOPLANKTN | 85 | 11C | 001 | 11/27/1974 | | | | | | 00..21 | 66.80 | 51.48 | 11.818 | 6.063 | 5.755 |
| ZOOPLANKTN | 86 | 10B | 001 | 11/27/1974 | 925 | 6.8 | 10.4 | 7.5 | 7.6 | 00..12 | 64.39 | 46.36 | 14.318 | 5.985 | 8.333 |
| ZOOPLANKTN | 87 | 05A | 001 | 11/27/1974 | 1140 | 6.8 | 3.9 | 7.4 | 7.6 | 00..09 | 62.50 | 47.19 | 13.750 | 5.078 | 8.672 |
| ZOOPLANKTN | 88 | 08B | 001 | 11/27/1974 | 1330 | | | | | 00..05 | 144.62 | 94.26 | 26.952 | 98.340 | |
| ZOOPLANKTN | 89 | 11A | 001 | 12/17/1974 | 700 | 5.5 | 7.2 | 5.9 | 8.0 | 00..08 | 166.30 | 136.48 | 31.952 | 17.663 | 14.290 |
| ZOOPLANKTN | 90 | 11C | 001 | 12/17/1974 | 800 | | | | | 00..23 | 223.21 | 194.78 | 37.032 | 20.637 | 16.396 |
| ZOOPLANKTN | 91 | 10B | 001 | 12/17/1974 | 830 | 4.8 | 4.7 | 6.1 | 7.7 | 00..15 | 46.55 | 50.26 | 14.625 | 5.558 | 9.067 |
| ZOOPLANKTN | 92 | 08C | 001 | 12/17/1974 | 940 | | | | | 00..11 | 51.81 | 45.08 | 9.261 | 5.729 | 3.532 |
| ZOOPLANKTN | 93 | 05A | 001 | 12/17/1974 | 1035 | 4.7 | 2.5 | 6.4 | 7.7 | 00..10 | 48.29 | 30.11 | 7.710 | 3.927 | 3.782 |
| ZOOPLANKTN | 94 | 03B | 001 | 12/18/1974 | | 4.3 | 2.8 | 6.4 | 7.6 | 00..08 | 3.63 | 2.86 | 2.421 | .446 | 1.975 |
| ZOOPLANKTN | 95 | 01A | 001 | 12/18/1974 | 1210 | 3.5 | .7 | 6.7 | 7.5 | 00..10 | 20.39 | 17.26 | 9.002 | 2.880 | 6.122 |

MARINE BIOLOGY DATA REPORT PART-B
75/07/18.

| SAMPLE TYPE C701 | SAMP NUMB C703 | STAT ION C702 | DATE MM DD YY C705 | TOTAL-LIP MG"M3 C718 | CHL A UGL C719 | TOXONOMY ORGANIZM TYPE C726 | - GENUS SPECIES C727 | POPULAT. NUMBER C728 | RELT PCMP C729 | SEQ NUMB C730 |
|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | |
| ZOOPLANKTN | 1 | 11A | 12/12/1973 | | | COPEPOD | ACARTIA TONSA | 3716.08 | 94.85 | 1 |
| | | | | | | COPEPOD | EURYTEMORA AFFINIS | 31.26 | .80 | 2 |
| | | | | | | COPEPOD | CYCLOPOID NAUPLII | .50 | .01 | 3 |
| | | | | | | COPEPOD | OITHONA BREVICORNIS | .10 | .00 | 4 |
| | | | | | | CLADOCERA | PODON LEUCARTI | 136.93 | 3.50 | 5 |
| | | | | | | CLADOCERA | PODON EPHIPPIAL EGGS | .15 | .00 | 6 |
| | | | | | | BARNACLE | BARNACLE NAUPLII | 5.13 | .13 | 7 |
| | | | | | | BRYOZOA | BRYOZOAN FLOATOBLAST | .10 | .00 | 8 |
| | | | | | | GASTROPOD | SNAIL | .05 | .00 | 9 |
| | | | | | | MOLLUSK | CLAM LARVAE PELECYPD | .05 | .00 | 10 |
| | | | | | | MYSID | NEOMYSIS | .05 | .00 | 11 |
| | | | | | | OSTRACOD | OSTRACOD | .10 | .00 | 12 |
| | | | | | | OSTRACOD | PRIONOCYPRIS LONGFMA | .70 | .02 | 13 |
| | | | | | | POLYCHAETE | POLYCHAETE LARVAE | 26.43 | .67 | 14 |
| | | | | | | ROTIFER | ROTIFER | .15 | .00 | 15 |
| | | | | | | PLANT | OAK LEAF HAIRS | .05 | .00 | 16 |
| | | | | | | PLANT | UNKNOWN | .05 | .00 | 17 |
| | | | | | | DEBRIS | INORGANIC SLAG | | | 18 |
| ZOOPLANKTN | 2 | 108 | 12/12/1973 | | | COPEPOD | ACARTIA TONSA | 2577.78 | 48.48 | 1 |
| | | | | | | COPEPOD | EURYTEMORA AFFINIS | 103.23 | 1.94 | 2 |
| | | | | | | COPEPOD | ERGASILUS CHAUTAUQNS | .10 | .00 | 3 |
| | | | | | | COPEPOD | CYCLOPOID A | .29 | .01 | 4 |
| | | | | | | COPEPOD | HALICYCLOPS B | .10 | .00 | 5 |
| | | | | | | COPEPOD | CYCLOPOID D | .48 | .01 | 6 |
| | | | | | | COPEPOD | CYCLOPOID NAUPLII | 1.91 | .04 | 7 |
| | | | | | | CLADOCERA | PODON LEUCARTI | 1630.59 | 30.67 | 8 |
| | | | | | | CLADOCERA | PODON EPHIPPIAL EGGS | .19 | .00 | 9 |
| | | | | | | BARNACLE | BARNACLE NAUPLII | 1.72 | .03 | 10 |
| | | | | | | BRYOZOA | BRYOZOAN FLOATOBLAST | .10 | .00 | 11 |
| | | | | | | OSTRACOD | PRIONOCYPRIS LONGFMA | .96 | .02 | 12 |
| | | | | | | POLYCHAETE | POLYCHAETE LARVAE | 999.76 | 18.80 | 13 |
| | | | | | | ROTIFER | ROTIFER | .19 | .00 | 14 |
| ZOOPLANKTN | 3 | 05A | 12/13/1973 | | | COPEPOD | ACARTIA TONSA | 36.71 | 3.07 | 1 |
| | | | | | | COPEPOD | EURYTEMORA AFFINIS | 1071.52 | 89.48 | 2 |
| | | | | | | COPEPOD | CYCLOPOID A | 3.18 | .27 | 3 |
| | | | | | | COPEPOD | HALICYCLOPS B | .43 | .04 | 4 |
| | | | | | | COPEPOD | CYCLOPOID C | 1.94 | .16 | 5 |
| | | | | | | COPEPOD | CYCLOPOID NAUPLII | 15.82 | 1.32 | 6 |
| | | | | | | COPEPOD | ERGASILUS CHAUTAUQNS | .11 | .01 | 7 |
| | | | | | | COPEPOD | OITHONA BREVICORNIS | .11 | .01 | 8 |
| | | | | | | COPEPOD | ROBERTSONIA CHESAPEK | .97 | .08 | 9 |
| | | | | | | CLADOCERA | ALONA RECTANGULA | .32 | .03 | 10 |
| | | | | | | CLADOCERA | BOSMINA LONGIROSTRIS | 7.94 | .66 | 11 |
| | | | | | | CLADOCERA | CHYDORUS SPHAERICUS | .11 | .01 | 12 |
| | | | | | | CLADOCERA | DAPHNIA | 2.65 | .22 | 13 |
| | | | | | | CLADOCERA | EPHIPPIAL EGGS | .27 | .02 | 14 |
| | | | | | | CLADOCERA | ILYOCRYPTUS SPINIFER | .05 | .00 | 15 |
| | | | | | | CLADOCERA | PODON LEUCARTI | .76 | .06 | 16 |
| | | | | | | CLADOCERA | PODON EPHIPPIAL EGGS | .11 | .01 | 17 |
| | | | | | | BRYOZOA | BRYOZOAN FLOATOBLAST | 1.78 | .15 | 18 |

MARINE BIOLOGY DATA REPORT PART-B
75/07/18.

| SAMPLE TYPE C701 | SAMP NUMB C703 | STAT ION C702 | DATE MM DD YY C705 | TOTAL-LIP MG"M3 C718 | CHL A UGL C719 | TOXONOMY ORGANIZM TYPE C726 | - GENUS SPECIES C727 | POPULAT. NUMBER C728 | RELT PCMP C729 | SEQ NUMB C730 |
|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | |
| | | | | | | MYSID | NEOMYSIS | .11 | .01 | 19 |
| | | | | | | OSTRACOD | PRIONOCYPRIS LONGEMA | .22 | .02 | 20 |
| | | | | | | POLYCHAETE | POLYCHAETE LARVAE | 51.28 | 4.28 | 21 |
| | | | | | | ROTIFER | ROTIFER | .86 | .07 | 22 |
| | | | | | | FEATHER | FEATHER | .05 | .00 | 23 |
| | | | | | | PLANT | OAK LEAF HAIRS | .16 | .01 | 24 |
| | | | | | | DEBRIS | ORGANIC | | | 25 |
| ZOOPLANKTN | 4 | 01A | 12/13/1973 | | | COPEPOD | ACARTIA TONSA | 4.72 | .91 | 1 |
| | | | | | | COPEPOD | EURYTEMORA AFFINIS | 19.95 | 3.86 | 2 |
| | | | | | | COPEPOD | CYCLOPOID A | 4.35 | .85 | 3 |
| | | | | | | COPEPOD | HALICYCLOPS B | 1.63 | .31 | 4 |
| | | | | | | COPEPOD | CYCLOPOID C | 2.90 | .56 | 5 |
| | | | | | | COPEPOD | EUCYCLOPS F | 3.27 | .63 | 6 |
| | | | | | | COPEPOD | CYCLOPS VERNALIS G | .91 | .18 | 7 |
| | | | | | | COPEPOD | CYCLOPOID NAUPLII | 8.16 | 1.58 | 8 |
| | | | | | | COPEPOD | OITHONA BREVICORNIS | 1.27 | .25 | 9 |
| | | | | | | CLADOCERA | ALONA AFFINIS | .36 | .07 | 10 |
| | | | | | | CLADOCERA | ALONA QUADRANGULARIS | 1.09 | .21 | 11 |
| | | | | | | CLADOCERA | ALONA RECTANGULA | 1.27 | .25 | 12 |
| | | | | | | CLADOCERA | BOSMINA COREGONI | 2.00 | .39 | 13 |
| | | | | | | CLADOCERA | BOSMINA LONGIROSTRIS | 31.38 | 6.06 | 14 |
| | | | | | | CLADOCERA | CHYDORUS SPHAERICUS | 11.61 | 2.24 | 15 |
| | | | | | | CLADOCERA | DAPHNIA | 2.90 | .56 | 16 |
| | | | | | | CLADOCERA | EPHIPPIAL EGGS | 1.63 | .31 | 17 |
| | | | | | | CLADOCERA | ILYOCRYPTUS SPINIFER | 15.06 | 2.91 | 18 |
| | | | | | | CLADOCERA | LEYDIGIA ANTHROCERCS | 1.63 | .31 | 19 |
| | | | | | | CLADOCERA | LEYDIGIA QUADRANGULS | 12.70 | 2.45 | 20 |
| | | | | | | CLADOCERA | PLEUROXUS DENTICULAT | .36 | .07 | 21 |
| | | | | | | CLADOCERA | PODON EPHIPPIAL EGG | .54 | .10 | 22 |
| | | | | | | BRYOZOA | FLOATOBLAST | 21.22 | 4.10 | 23 |
| | | | | | | BRYOZOA | FLOATOBLAST LARGE | 1.27 | .25 | 24 |
| | | | | | | DIATOM | CHAINS | 299.32 | 57.84 | 25 |
| | | | | | | GASTROPOD | SNAIL | .18 | .03 | 26 |
| | | | | | | HYDROID | HYDROID | 3.81 | .74 | 27 |
| | | | | | | INSECT | DIPTERID LARVAE | .54 | .10 | 28 |
| | | | | | | INSECT | INSECT | .36 | .07 | 29 |
| | | | | | | INSECT | UNKNOWN CRUSTACEAN | .54 | .10 | 30 |
| | | | | | | POLYCHAETE | POLYCHAETE LARVAE | 2.18 | .42 | 31 |
| | | | | | | RHIZOPOD | DIFFLUGIA LEBES | 2.00 | .39 | 32 |
| | | | | | | RHIZOPOD | DIFFLUGIA URCEOLATA | 6.17 | 1.19 | 33 |
| | | | | | | RHIZOPOD | CENTROPYXIS ACULEATA | 28.66 | 5.54 | 34 |
| | | | | | | ROTIFER | ROTIFER | 15.24 | 2.94 | 35 |
| | | | | | | PLANT | OAK LEAF HAIRS | 21.41 | 4.14 | 36 |
| | | | | | | DEBRIS | ORGANIC MASSIVE AMT | | | 37 |
| ZOOPLANKTN | 5 | 09A | 12/14/1973 | | | | | | | |
| ZOOPLANKTN | 6 | 08A | 12/14/1973 | | | | | | | |
| ZOOPLANKTN | 7 | 07A | 12/14/1973 | | | | | | | |
| ZOOPLANKTN | 8 | 09A | 01/17/1974 | | | | | | | |
| ZOOPLANKTN | 9 | 09B | 01/17/1974 | | | | | | | |
| ZOOPLANKTN | 10 | 09C | 01/17/1974 | | | | | | | |

MARINE BIOLOGY DATA REPORT PART-B
75/07/18.

| SAMPLE TYPE C701 | SAMP NUMB C703 | STAT ION C702 | DATE MM DD YY C705 | TOTAL-LIP MG"M3 C718 | CHL A UGL C719 | TOXONOMY ORGANIZM TYPE C726 | GENUS SPECIES C727 | POPULAT. NUMBER C728 | RELT PCMP C729 | SEQ NUMB C730 |
|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | |
| ZOOPLANKTN | 11 | 11A | 01/23/1974 | | | COPEPOD | ACARTIA TONSA | 1585.43 | 44.86 | 1 |
| | | | | | | COPEPOD | EURYTEMORA AFFINIS | 1814.21 | 51.33 | 2 |
| | | | | | | COPEPOD | CALANOID NAUPLII | .07 | .00 | 3 |
| | | | | | | COPEPOD | CYCLOPOID A | .07 | .00 | 4 |
| | | | | | | COPEPOD | CYCLOPOID C | .15 | .00 | 5 |
| | | | | | | COPEPOD | CYCLOPOID NAUPLII | .44 | .01 | 6 |
| | | | | | | COPEPOD | HARPACTICOID B | .51 | .01 | 7 |
| | | | | | | COPEPOD | HARPACTICOID D | .07 | .00 | 8 |
| | | | | | | COPEPOD | OITHONA BREVICORNIS | .15 | .00 | 9 |
| | | | | | | CLADOCERA | PODON LEUCARTI | 115.85 | 3.28 | 10 |
| | | | | | | CLADOCERA | EPHIPPIAL EGGS | .07 | .00 | 11 |
| | | | | | | BARNACLE | BARNACLE NAUPLII | 2.11 | .06 | 12 |
| | | | | | | BRYOZOA | FLOATOBLAST | .07 | .00 | 13 |
| | | | | | | OSTRACOD | OSTRACOD | .15 | .00 | 14 |
| | | | | | | OSTRACOD | PRIONOCYPRIS LONGEMA | .07 | .00 | 15 |
| | | | | | | POLYCHAETE | POLYCHAETE LARVAE | 14.35 | .41 | 16 |
| | | | | | | RHIZOPOD | DIFFLUGIA LOBOSTOMA | .22 | .01 | 17 |
| | | | | | | PLANT | OAK LEAF HAIRS | .44 | .01 | 18 |
| ZOOPLANKTN | 12 | 11C | 01/23/1974 | | | COPEPOD | ACARTIA TONSA | 3150.63 | 51.96 | 1 |
| | | | | | | COPEPOD | EURYTEMORA AFFINIS | 1498.17 | 24.71 | 2 |
| | | | | | | COPEPOD | HARPACTICOID B | .93 | .02 | 3 |
| | | | | | | COPEPOD | CYCLOPOID NAUPLII | 2.78 | .05 | 4 |
| | | | | | | CLADOCERA | PODON LEUCARTI | 1249.76 | 20.61 | 5 |
| | | | | | | BARNACLE | BARNACLE NAUPLII | 40.12 | .66 | 6 |
| | | | | | | FISH | FISH LARVAE | .15 | .00 | 7 |
| | | | | | | OSTRACOD | OSTRACOD | .15 | .00 | 8 |
| | | | | | | OSTRACOD | PRIONOCYPRIS LONGEMA | .15 | .00 | 9 |
| | | | | | | POLYCHAETE | POLYCHAETE LARVAE | 117.11 | 1.93 | 10 |
| | | | | | | UNKNOWN | UNKNOWN | .15 | .00 | 11 |
| | | | | | | PLANT | OAK LEAF HAIRS | 3.39 | .06 | 12 |
| ZOOPLANKTN | 13 | 07A | 01/23/1974 | | | COPEPOD | ACARTIA TONSA | 383.72 | 20.90 | 1 |
| ZOOPLANKTN | 14 | 10B | 01/23/1974 | | | COPEPOD | EURYTEMORA AFFINIS | 1405.37 | 76.54 | 2 |
| | | | | | | COPEPOD | CYCLOPOID C | .42 | .02 | 3 |
| | | | | | | COPEPOD | EUCYCLOPS F | .42 | .02 | 4 |
| | | | | | | COPEPOD | CYCLOPOID NAUPLII | 1.32 | .07 | 5 |
| | | | | | | COPEPOD | HARPACTICOID B | .28 | .02 | 6 |
| | | | | | | COPEPOD | HARPACTICOID D | .14 | .01 | 7 |
| | | | | | | CLADOCERA | CHYDORUS SPHAERICUS | .07 | .00 | 8 |
| | | | | | | CLADOCERA | PODON LEUCARTI | 33.25 | 1.81 | 9 |
| | | | | | | BARNACLE | BARNACLE NAUPLII | .83 | .05 | 10 |
| | | | | | | BRYOZOA | FLOATOBLAST | .69 | .04 | 11 |
| | | | | | | POLYCHAETE | POLYCHAETE LARVAE | 8.59 | .47 | 12 |
| | | | | | | RHIZOPOD | DIFFLUGIA LOBOSTOMA | .28 | .02 | 13 |
| | | | | | | RHIZOPOD | DIFFLUGIA URCEOLATA | .07 | .00 | 14 |
| | | | | | | ROTIFER | ROTIFER | .07 | .00 | 15 |
| | | | | | | PLANT | OAK LEAF HAIRS | .55 | .03 | 16 |
| ZOOPLANKTN | 15 | 08B | 01/24/1974 | | | | | | | |
| ZOOPLANKTN | 16 | 05A | 01/24/1974 | | | | | | | |
| ZOOPLANKTN | 17 | 01A | 01/24/1974 | | | | | | | |

| SAMPLE TYPE C701 | SAMP NUMB C703 | STATION C702 | DATE MM DD YY C705 | TOTAL-LIP MGUM3 C718 | CHL A UGL C719 | TOXONOMY ORGANIZM TYPE C726 | GENUS SPECIES C727 | POPULAT. NUMBER C728 | RELT PCMP C729 | SPO NUMB C730 |
|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | |
| ZOOPLANKTN | 18 | 03B | 01/24/1974 | | | | | | | |
| ZOOPLANKTN | 19 | 05B | 01/24/1974 | | 15.20 | | | | | |
| ZOOPLANKTN | 20 | 08C | 01/24/1974 | | | | | | | |
| ZOOPLANKTN | 21 | 07A | 03/19/1974 | | 17.20 | COPEPOD | ACARTIA TONSA | 307.27 | 1.76 | 1 |
| | | | | | | COPEPOD | EURYTEMORA AFFINIS | 17077.88 | 97.81 | 2 |
| | | | | | | COPEPOD | CYCLOPOID A | 5.61 | .03 | 3 |
| | | | | | | COPEPOD | HALICYCLOPS B | 4.15 | .02 | 4 |
| | | | | | | COPEPOD | HARPACTICOID A | 3.17 | .02 | 5 |
| | | | | | | COPEPOD | HARPACTICOID B | 53.89 | .31 | 6 |
| | | | | | | BARNACLE | BARNACLE NAUPLII | .24 | .00 | 7 |
| | | | | | | CLADOCERA | BOSMINA LONGIROSTRIS | .24 | .00 | 8 |
| | | | | | | CLADOCERA | PODON LEUCARTI | 5.12 | .03 | 9 |
| | | | | | | ANNELID | ANNELID UNKNOWN | .24 | .00 | 10 |
| | | | | | | MYSID | MYSID UNKNOWN | .24 | .00 | 11 |
| | | | | | | POLYCHAETE | POLYCHAETE LARVAE | 1.22 | .01 | 12 |
| | | | | | | ALGAE | CLOSTERIUM | .24 | .00 | 13 |
| | | | | | | PLANT | OAK LEAF HAIRS | .49 | .00 | 14 |
| ZOOPLANKTN | 22 | 11D | 03/19/1974 | | 15.62 | COPEPOD | ACARTIA TONSA | 10538.69 | 19.52 | 1 |
| | | | | | | COPEPOD | EURYTEMORA AFFINIS | 42945.70 | 79.56 | 2 |
| | | | | | | COPEPOD | HARPACTICOID B | 4.28 | .01 | 3 |
| | | | | | | CLADOCERA | EVADNE | 1.07 | .00 | 4 |
| | | | | | | CLADOCERA | PODON LEUCARTI | 366.60 | .68 | 5 |
| | | | | | | BARNACLE | BARNACLE NAUPLII | 98.33 | .18 | 6 |
| | | | | | | FISH | FISH EGG | 21.38 | .04 | 7 |
| | | | | | | POLYCHAETE | POLYCHAETE LARVAE | 4.28 | .01 | 8 |
| ZOOPLANKTN | 23 | 11A | 03/20/1974 | | 14.80 | COPEPOD | EURYTEMORA AFFINIS | 8125.52 | 74.21 | 1 |
| | | | | | | COPEPOD | ACARTIA TONSA | 2624.83 | 23.97 | 2 |
| | | | | | | COPEPOD | HARPACTICOID B | 1.11 | .01 | 3 |
| | | | | | | COPEPOD | CYCLOPOID A | .37 | .00 | 4 |
| | | | | | | BARNACLE | NAUPLII | 12.92 | .12 | 5 |
| | | | | | | CLADOCERA | PODON | 181.63 | 1.66 | 6 |
| | | | | | | CLADOCERA | DAPHNIA | .37 | .00 | 7 |
| | | | | | | POLYCHAETE | POLYCHAETE LARVAE | 2.58 | .02 | 8 |
| ZOOPLANKTN | 24 | 11C | 03/20/1974 | | 51.10 | COPEPOD | ACARTIA TONSA | 15972.18 | 73.73 | 1 |
| | | | | | | COPEPOD | EURYTEMORA AFFINIS | 5507.65 | 25.43 | 2 |
| | | | | | | COPEPOD | HARPACTICOID B | 2.23 | .01 | 3 |
| | | | | | | COPEPOD | HARPACTICOID D | 2.23 | .01 | 4 |
| | | | | | | CLADOCERA | PODON | 85.12 | .39 | 5 |
| | | | | | | BARNACLE | BARNACLE NAUPLII | 74.55 | .34 | 6 |
| | | | | | | FISH | FISH EGG | 5.56 | .03 | 7 |
| | | | | | | POLYCHAETE | POLYCHAETE LARVAE | 12.24 | .03 | 8 |
| ZOOPLANKTN | 25 | 10B | 03/20/1974 | | 16.66 | COPEPOD | ACARTIA TONSA | 946.99 | 14.41 | 1 |
| | | | | | | COPEPOD | EURYTEMORA AFFINIS | 5587.51 | 85.01 | 2 |
| | | | | | | COPEPOD | CYCLOPOID A | .58 | .01 | 3 |
| | | | | | | COPEPOD | CYCLOPOID IMMATURES | .58 | .01 | 4 |
| | | | | | | COPEPOD | HARPACTICOID B | 1.16 | .02 | 5 |
| | | | | | | COPEPOD | HARPACTICOID D | .29 | .00 | 6 |
| | | | | | | COPEPOD | NAUPLII | 3.92 | .06 | 7 |
| | | | | | | CLADOCERA | PODON LEUCARTI | 31.08 | .47 | 8 |
| | | | | | | CLADOCERA | ALLONELLA | .15 | .00 | 9 |

MARINE BIOLOGY DATA REPORT PART-B
75/07/18.

| SAMPLE TYPE C701 | SAMP NUMB C703 | STAT ION C702 | DATE MM DD YY C705 | TOTAL-LIP MG"M3 C718 | CHL A UGL C719 | TOXONOMY ORGANIZM TYPE C726 | - GENUS SPECIES C727 | POPULAT. NUMBER C728 | RELT PCMP C729 | SEQ NUMB C730 |
|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | |
| | | | | | | POLYCHAETE | POLYCHAETE LARVAE | .15 | .00 | 10 |
| | | | | | | FISH | FISH EGG | .15 | .00 | 11 |
| | | | | | | PLANT | OAK LEAF HAIRS | .29 | .00 | 12 |
| ZOOPLANKTN | 26 | 08C | 03/20/1974 | | 12.63 | COPEPOD | ACARTIA TONSA | 6971.15 | 36.31 | 1 |
| | | | | | | COPEPOD | EURYTEMORA AFFINIS | 12189.73 | 63.49 | 2 |
| | | | | | | COPEPOD | CYCLOPOID NAUPLII | 3.91 | .02 | 3 |
| | | | | | | CLADOCERA | PODON LEUCARTI | 25.04 | .13 | 4 |
| | | | | | | ARTHROPOD | ARTHROPOD UNKNOWN | 2.35 | .01 | 5 |
| | | | | | | BARNACLE | BARNACLE NAUPLII | 5.48 | .03 | 6 |
| | | | | | | OSTRACOD | OSTRACOD | .78 | .00 | 7 |
| | | | | | | POLYCHAETE | POLYCHAETE LARVAE | .78 | .00 | 8 |
| | | | | | | PLANT | OAK LEAF HAIR | .78 | .00 | 9 |
| ZOOPLANKTN | 27 | 08B | 03/20/1974 | | 11.06 | COPEPOD | ACARTIA TONSA | 457.87 | 7.01 | 1 |
| | | | | | | COPEPOD | EURYTEMORA AFFINIS | 6022.08 | 92.25 | 2 |
| | | | | | | COPEPOD | CYCLOPOID A | 3.02 | .05 | 3 |
| | | | | | | COPEPOD | CYCLOPOID NAUPLII | 3.26 | .05 | 4 |
| | | | | | | COPEPOD | HARPACTICOID B | 2.32 | .04 | 5 |
| | | | | | | COPEPOD | HARPACTICOID D | .46 | .01 | 6 |
| | | | | | | CLADOCERA | BOSMINA LONGIROSTRIS | .23 | .00 | 7 |
| | | | | | | CLADOCERA | DAPHNIA | .23 | .00 | 8 |
| | | | | | | CLADOCERA | PODON LEUCARTI | 13.95 | .21 | 9 |
| | | | | | | BARNACLE | BARNACLE NAUPLII | .70 | .01 | 10 |
| | | | | | | OSTRACOD | PRIONOCYPRIS LONGFMA | .46 | .01 | 11 |
| | | | | | | POLYCHAETE | POLYCHAETE LARVAE | .23 | .00 | 12 |
| | | | | | | ROTIFER | ROTIFER | .46 | .01 | 13 |
| | | | | | | PLANT | OAK LEAF HAIRS | .23 | .00 | 14 |
| ZOOPLANKTN | 28 | 05A | 03/21/1974 | | 7.60 | COPEPOD | ACARTIA TONSA | 4.98 | .35 | 1 |
| | | | | | | COPEPOD | EURYTEMORA AFFINIS | 1405.85 | 98.16 | 2 |
| | | | | | | COPEPOD | CYCLOPOID A | 6.05 | .42 | 3 |
| | | | | | | COPEPOD | IMMATURE CYCLOPOIDS | 8.93 | .62 | 4 |
| | | | | | | COPEPOD | HALICYCLOPS B | .15 | .01 | 5 |
| | | | | | | COPEPOD | HARPACTIOID B | .88 | .06 | 6 |
| | | | | | | COPEPOD | HARPACTICOID D | .05 | .00 | 7 |
| | | | | | | CLADOCERA | BOSMINA LONGIROSTRIS | 1.90 | .13 | 8 |
| | | | | | | CLADOCERA | DAPHNIA | 1.66 | .11 | 9 |
| | | | | | | CLADOCERA | PODON LEUCARTI | .05 | .00 | 10 |
| | | | | | | CLADOCERA | EPHIPPIAL EGGS | .20 | .01 | 11 |
| | | | | | | POLYCHAETE | POLYCHAETE LARVAE | .05 | .00 | 12 |
| | | | | | | INSECT | INSECT | .05 | .00 | 13 |
| | | | | | | INSECT | DIPTERID LARVAE | .05 | .00 | 14 |
| | | | | | | ROTIFER | ROTIFER | .29 | .02 | 15 |
| | | | | | | BRYOZOA | BRYOZOAN FLOATOBLAST | .88 | .06 | 16 |
| | | | | | | BRYOZOA | BRYOZOAN STATOBLAST | .05 | .00 | 17 |
| | | | | | | PLANT | GLOBULAR SEED | .05 | .00 | 18 |
| | | | | | | PLANT | 3 SIDED SEED | .05 | .00 | 19 |
| | | | | | | PLANT | OAK LEAF HAIRS | .15 | .01 | 20 |
| ZOOPLANKTN | 29 | 01A | 03/21/1974 | | 6.80 | COPEPOD | ACARTIA TONSA | .37 | .49 | 1 |
| | | | | | | COPEPOD | EURYTEMORA AFFINIS | 60.38 | 80.78 | 2 |
| | | | | | | COPEPOD | CYCLOPOID | 2.20 | 2.94 | 3 |
| | | | | | | COPEPOD | HALICYCLOPS B | 1.65 | 2.20 | 4 |

| SAMPLE TYPE C701 | SAMP NUMB C703 | STAT ION C702 | DATE MM DD YY C705 | TOTAL-LIP MG/M3 C718 | CHL A UGL C719 | TOXONOMY ORGANIZM TYPE C726 | GENUS SPECIES C727 | POPULAT. NUMBER C728 | RELT PCMP C729 | SEQ NUMB C730 |
|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | |
| | | | | | | COPEPOD | CYCLOPOID C | .09 | .12 | 5 |
| | | | | | | COPEPOD | EUCYCLOPS | .73 | .98 | 6 |
| | | | | | | COPEPOD | IMMATURE CYCLOPOIDS | 2.56 | 3.42 | 7 |
| | | | | | | COPEPOD | CALANOID NAUPLII | .09 | .12 | 8 |
| | | | | | | CLADOCERA | BOSMINA LONGIROSTRIS | 3.57 | 4.78 | 9 |
| | | | | | | CLADOCERA | DAPHNIA | .09 | .12 | 10 |
| | | | | | | ANNELID | ANNELID | 1.10 | 1.47 | 11 |
| | | | | | | INSECT | INSECT | .09 | .12 | 12 |
| | | | | | | OSTRACOD | OSTRACOD | .27 | .36 | 13 |
| | | | | | | TARDIGRADE | TARDIGRADE | .09 | .12 | 14 |
| | | | | | | ROTIFER | ROTIFER | .46 | .62 | 15 |
| | | | | | | PLANT | OAK LEAF HAIRS | 1.01 | 1.35 | 16 |
| | | | | | | DEBRIS | ORGANIC | | | 17 |
| ZOOPLANKTN | 30 | 03B | 03/21/1974 | | 6.10 | | | | | |
| ZOOPLANKTN | 31 | 05B | 03/21/1974 | | 12.60 | | | | | |
| ZOOPLANKTN | 32 | 07B | 05/01/1974 | | | COPEPOD | ACARTIA TONSA | .72 | .02 | 1 |
| | | | | | | COPEPOD | EURYTEMORA AFFINIS | 1893.16 | 44.42 | 2 |
| | | | | | | COPEPOD | CYCLOPOID A | .26 | .01 | 3 |
| | | | | | | COPEPOD | HALICYCLOPS B | 2.02 | .05 | 4 |
| | | | | | | COPEPOD | CYCLOPOID NAUPLII | 17.46 | .41 | 5 |
| | | | | | | COPEPOD | HARPACTICOID A | .39 | .01 | 6 |
| | | | | | | COPEPOD | HARPACTICOID D | .07 | .00 | 7 |
| | | | | | | COPEPOD | ERGASILUS CHAUTAUQNS | .26 | .01 | 8 |
| | | | | | | COPEPOD | CALANOID NAUPLII | .13 | .00 | 9 |
| | | | | | | CLADOCERA | BOSMINA LONGIROSTRIS | .07 | .00 | 10 |
| | | | | | | ANNELID | ANNELID | .07 | .00 | 11 |
| | | | | | | BRYOZOA | BRYOZOAN FLOATOBLAST | 1.04 | .02 | 12 |
| | | | | | | INSECT | INSECT | .13 | .00 | 13 |
| | | | | | | OSTRACOD | PRIONOCYPRIS LONGEMA | .07 | .00 | 14 |
| | | | | | | ROTIFER | ROTIFER | .59 | .01 | 15 |
| | | | | | | PLANT | OAK LEAF HAIRS | 2345.28 | 55.03 | 16 |
| ZOOPLANKTN | 33 | 11D | 05/01/1974 | | 4.41 | | | | | |
| ZOOPLANKTN | 34 | 11C | 05/02/1974 | | 22.30 | | | | | |
| ZOOPLANKTN | 35 | 11A | 05/02/1974 | | | COPEPOD | ACARTIA TONSA | 56.56 | 8.28 | 1 |
| | | | | | | COPEPOD | EURYTEMORA AFFINIS | 34.45 | 5.04 | 2 |
| | | | | | | COPEPOD | IMMATURE CYCLOPOIDS | .46 | .07 | 3 |
| | | | | | | CLADOCERA | BOSMINA LONGIROSTRIS | .10 | .02 | 4 |
| | | | | | | CLADOCERA | DAPHNIA | .20 | .03 | 5 |
| | | | | | | CLADOCERA | PODON | 35.99 | 5.27 | 6 |
| | | | | | | BARNACLE | NAUPLII | 22.26 | 3.26 | 7 |
| | | | | | | CRUSTACEAN | UNKNOWN LARVAE | .05 | .01 | 8 |
| | | | | | | OSTRACOD | OSTRACOD | 2.42 | .35 | 9 |
| | | | | | | POLYCHAETE | POLYCHAETE LARVAE | 2.83 | .41 | 10 |
| | | | | | | SPIDER | SPIDER | .05 | .01 | 11 |
| | | | | | | PLANT | OAK LEAF HAIRS | 528.02 | 77.26 | 12 |
| ZOOPLANKTN | 36 | 10B | 05/02/1974 | | 25.60 | COPEPOD | ACARTIA TONSA | 36.01 | 7.54 | 1 |
| | | | | | | COPEPOD | EURYTEMORA AFFINIS | 25.42 | 5.32 | 2 |
| | | | | | | COPEPOD | CYCLOPOID A | .06 | .01 | 3 |
| | | | | | | COPEPOD | CYCLOPS X | .03 | .01 | 4 |
| | | | | | | COPEPOD | CYCLOPOID IMMATURES | .33 | .07 | 5 |

MARINE BIOLOGY DATA REPORT PART-B
75/07/18.

| SAMPLE TYPE C701 | SAMP NUMB C703 | STAT ION C702 | DATE MM DD YY C705 | TOTAL-LIP MG"M3 C718 | CHL A UGL C719 | TOXONOMY ORGANIZM TYPF C726 | - GENUS SPECIES C727 | POPULAT. NUMBER C728 | RELT PCMP C729 | SEQ NUMB C730 |
|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | |
| | | | | | | COPEPOD | ERGASILUS CHAUTAUQNS | .09 | .02 | 6 |
| | | | | | | CLADOCERA | BOSMINA LONGIROSTRIS | .03 | .01 | 7 |
| | | | | | | CLADOCERA | DAPHNIA | .03 | .01 | 8 |
| | | | | | | CLADOCERA | PODON LEUCARTI | 3.36 | .70 | 9 |
| | | | | | | BARNACLE | BARNACLE NAUPLII | 51.13 | 10.70 | 10 |
| | | | | | | POLYCHAETE | POLYCHAETE LARVAE | .45 | .09 | 11 |
| | | | | | | OSTRACOD | OSTRACOD | .91 | .19 | 12 |
| | | | | | | SPIDER | SPIDER | .06 | .01 | 13 |
| | | | | | | CRUSTACEAN | UNKNOWN CRUSTACEAN | .03 | .01 | 14 |
| | | | | | | PLANT | OAK LEAF HAIRS | 359.76 | 75.31 | 15 |
| ZOOPLANKTN | 37 | 08C | 05/02/1974 | | 21.90 | | | | | |
| ZOOPLANKTN | 38 | 08B | 05/02/1974 | | 15.52 | | | | | |
| ZOOPLANKTN | 39 | 05A | 05/03/1974 | | 25.56 | COPEPOD | ACARTIA TONSA | 34.44 | 2.71 | 1 |
| | | | | | | COPEPOD | EURYTEMORA AFFINIS | 245.74 | 19.31 | 2 |
| | | | | | | COPEPOD | CYCLOPOID A | 6.13 | .48 | 3 |
| | | | | | | COPEPOD | CYCLOPOID C | 1.33 | .10 | 4 |
| | | | | | | COPEPOD | IMMATURE CYCLOPOIDS | 37.67 | 2.96 | 5 |
| | | | | | | COPEPOD | HALICYCLOPS B | .22 | .02 | 6 |
| | | | | | | COPEPOD | HARPACTICOID A | .04 | .00 | 7 |
| | | | | | | COPEPOD | HARPACTICOID B | .36 | .03 | 8 |
| | | | | | | COPEPOD | HARPACTICOID D | .07 | .01 | 9 |
| | | | | | | COPEPOD | ERGASILUS CHAUTAUQNS | 1.18 | .10 | 10 |
| | | | | | | CLADOCERA | BOSMINA LONGIROSTRIS | 330.04 | 25.94 | 11 |
| | | | | | | CLADOCERA | CHYDORUS SPHAERICUS | .04 | .00 | 12 |
| | | | | | | CLADOCERA | DAPHNIA | 226.01 | 17.76 | 13 |
| | | | | | | CLADOCERA | PODON LEUCARTI | .07 | .01 | 14 |
| | | | | | | CLADOCERA | EPHIPPIAL EGGS MOINA | .07 | .01 | 15 |
| | | | | | | BARNACLE | BARNACLE NAUPLII | .36 | .03 | 16 |
| | | | | | | OSTRACOD | OSTRACOD | .07 | .01 | 17 |
| | | | | | | OSTRACOD | PRIONOCYPRIS LONGEMA | .04 | .00 | 18 |
| | | | | | | FISH | FISH LARVAE | .93 | .07 | 19 |
| | | | | | | SPIDER | SPIDER | .18 | .01 | 20 |
| | | | | | | MYSID | MYSID | .18 | .01 | 21 |
| | | | | | | INSECT | INSECT | .07 | .01 | 22 |
| | | | | | | ANNELID | ANNELID | .04 | .00 | 23 |
| | | | | | | BRYOZOA | BRYOZOAN FLOATOBLAST | .32 | .03 | 24 |
| | | | | | | PLANT | OAK LEAF HAIRS | 386.73 | 30.40 | 25 |
| ZOOPLANKTN | 40 | 03B | 05/03/1974 | | 46.46 | | | | | |
| ZOOPLANKTN | 41 | 01A | 05/03/1974 | | 15.79 | COPEPOD | ACARTIA TONSA | 5.33 | 1.07 | 1 |
| | | | | | | COPEPOD | EURYTEMORA AFFINIS | .76 | .15 | 2 |
| | | | | | | COPEPOD | CYCLOPOID A | 3.14 | .63 | 3 |
| | | | | | | COPEPOD | HALICYCLOPS B | .48 | .10 | 4 |
| | | | | | | COPEPOD | CYCLOPOID C | 4.48 | .90 | 5 |
| | | | | | | COPEPOD | CYCLOPOID D | 1.06 | .22 | 6 |
| | | | | | | COPEPOD | EUCYCLOPS F | .29 | .06 | 7 |
| | | | | | | COPEPOD | CYCLOPOID G | .57 | .11 | 8 |
| | | | | | | COPEPOD | IMMATURE CYCLOPOIDS | 18.57 | 3.73 | 9 |
| | | | | | | COPEPOD | HARPACTICOID B NAUP | .19 | .04 | 10 |
| | | | | | | CLADOCERA | ALONA RECTANGULA | .10 | .02 | 11 |
| | | | | | | CLADOCERA | BOSMINA LONGIROSTRIS | 64.76 | 13.02 | 12 |

MARINE BIOLOGY DATA REPORT PART-B
75/07/18.

| SAMPLE TYPE C701 | SAMP NUMB C703 | STAT ION C702 | DATE MM DD YY C705 | TOTAL-LIP MGHM3 C718 | CHL A UGL C719 | TOXONOMY ORGANIZM TYPE C726 | - GENUS SPECIES C727 | POPULAT. NUMBER C728 | RELT PCMP C729 | SEQ NUMB C730 |
|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | |
| | | | | | | CLADOCERA | CHYDORUS SPHAERICUS | .29 | .06 | 13 |
| | | | | | | CLADOCERA | DAPHNIA | 10.76 | 2.16 | 14 |
| | | | | | | CLADOCERA | EPHIPPIAL EGGS MOINA | 1.43 | .29 | 15 |
| | | | | | | ANNELID | ANNELID | 5.52 | 1.11 | 16 |
| | | | | | | BRYOZOA | BRYOZOAN FLOATOBLAST | .76 | .15 | 17 |
| | | | | | | FISH | FISH EGG | .10 | .02 | 18 |
| | | | | | | FISH | FISH LARVAE | 3.43 | .69 | 19 |
| | | | | | | INSECT | DIPTERID LARVAE | .95 | .19 | 20 |
| | | | | | | SPIDER | SPIDER | .10 | .02 | 21 |
| | | | | | | ROTIFER | ROTIFER | 4.67 | .93 | 22 |
| | | | | | | POLYCHAETE | POLYCHAETE LARVAE | .48 | .10 | 23 |
| | | | | | | PLANT | OAK LEAF HAIRS | 368.57 | 74.09 | 24 |
| | | | | | | PLANT | LARGE LEAF | .10 | .02 | 25 |
| | | | | | | DEBRIS | ORGANIC | .10 | .02 | 26 |
| ZOOPLANKTN | 42 | 05B | 05/03/1974 | | 31.20 | | | | | |
| ZOOPLANKTN | 43 | 07B | 06/11/1974 | | 51.70 | COPEPOD | ACARTIA TONSA | 214.54 | 8.79 | 1 |
| | | | | | | COPEPOD | EURYTEMORA AFFINIS | 61.15 | 2.51 | 2 |
| | | | | | | COPEPOD | CYCLOPOID B | .37 | .02 | 3 |
| | | | | | | COPEPOD | CYCLOPOID C | .03 | .00 | 4 |
| | | | | | | COPEPOD | CYCLOPOID NAUPLII | .57 | .02 | 5 |
| | | | | | | COPEPOD | EUCLOPS F | .10 | .00 | 6 |
| | | | | | | COPEPOD | ERGASILUS CHAUTAUQNS | .74 | .03 | 7 |
| | | | | | | COPEPOD | HARPACTICOID A | .74 | .03 | 8 |
| | | | | | | COPEPOD | HARPACTICOID B | .17 | .01 | 9 |
| | | | | | | CLADOCERA | BOSMINA LONGIROSTRIS | 3.51 | .14 | 10 |
| | | | | | | CLADOCERA | BOSMINA COREGONI | .03 | .00 | 11 |
| | | | | | | CLADOCERA | DAPHNIA | 2.34 | .10 | 12 |
| | | | | | | CLADOCERA | PODON | .07 | .00 | 13 |
| | | | | | | PLANT | OAK LEAF HAIRS | 2098.58 | 86.02 | 14 |
| | | | | | | BARNACLE | BARNACLE NAUPLII | 15.54 | .64 | 15 |
| | | | | | | BRACHYURAN | CALLINECTES SAP LARV | .94 | .04 | 16 |
| | | | | | | BRYOZOA | BRYOZOAN FLOATOBLAST | .33 | .01 | 17 |
| | | | | | | INSECT | INSECT | .23 | .01 | 18 |
| | | | | | | OSTRACOD | PRIONOCYPRIS LONGEMA | 39.43 | 1.62 | 19 |
| | | | | | | POLYCHAETE | POLYCHAETE LARVAE | .07 | .00 | 20 |
| | | | | | | RHIZOPOD | RHIZOPOD | .03 | .00 | 21 |
| | | | | | | PLANT | LARGE SEED | .03 | .00 | 22 |
| | | | | | | PLANT | UNKNOWN HYDROID | .03 | .00 | 23 |
| | | | | | | BRACHYURAN | BRACHYURAN ZOEA | .07 | .00 | 24 |
| ZOOPLANKTN | 44 | 07A | 06/11/1974 | | 73.15 | COPEPOD | ACARTIA TONSA | 578.16 | 26.21 | 1 |
| | | | | | | COPEPOD | ARGULUS | .07 | .00 | |
| | | | | | | COPEPOD | EURYTEMORA AFFINIS | 95.67 | 4.34 | 3 |
| | | | | | | COPEPOD | ERGASILUS CHAUTAUQNS | .49 | .02 | 4 |
| | | | | | | COPEPOD | CYCLOPOID A | .07 | .00 | 5 |
| | | | | | | COPEPOD | CYCLOPOID | .35 | .02 | 6 |
| | | | | | | COPEPOD | CYCLOPOID NAUPLII | .21 | .01 | 7 |
| | | | | | | COPEPOD | HARPACTICOID A | .14 | .01 | 8 |
| | | | | | | CLADOCERA | BOSMINA LONGIROSTRIS | .62 | .03 | 9 |
| | | | | | | CLADOCERA | BOSMINA COREGONI | .07 | .00 | 10 |
| | | | | | | CLADOCERA | DAPHNIA | .93 | .04 | 11 |

| SAMPLE TYPE C701 | SAMP NUMB C703 | STAT ION C702 | DATE MM DD YY C705 | TOTAL-LIP MG"M3 C718 | CHL A UGL C719 | TOXONOMY ORGANIZM TYPE C726 | - GENUS SPECIES C727 | POPULAT. NUMBER C728 | RELT PCMP C729 | SEQ NUMB C730 |
|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | |
| | | | | | | CLADOCERA | PODON | .07 | .00 | 12 |
| | | | | | | AMPHIPOD | AMPHIPOD LARVAE | .14 | .01 | 13 |
| | | | | | | BARNACLE | NAUPLII | 239.17 | 10.84 | 14 |
| | | | | | | BRACHYURAN | CALLINECTES SAP LARV | 1.87 | .08 | 15 |
| | | | | | | BRACHYURAN | CALLINECTES ZOEA | .28 | .01 | 16 |
| | | | | | | BRYOZOA | BRYOZOAN FLOATOBLAST | .21 | .01 | 17 |
| | | | | | | FISH | FISH LARVAE | .07 | .00 | 18 |
| | | | | | | FLATWORM | FLATWORM | .07 | .00 | 19 |
| | | | | | | INSECT | INSECT | .07 | .00 | 20 |
| | | | | | | OSTRACOD | OSTRACOD | .14 | .01 | 21 |
| | | | | | | OSTRACOD | PRIONOCYPRIS LONGEMA | 142.81 | 6.47 | 22 |
| | | | | | | POLYCHAETE | POLYCHAETE LARVAE | .07 | .00 | 23 |
| | | | | | | RHIZOPOD | RHIZOPOD | .07 | .00 | 24 |
| | | | | | | PLANT | OAK LEAF HAIRS | 1143.85 | 51.86 | 25 |
| | | | | | | DEBRIS | PAINT CHIP | .07 | .00 | 26 |
| | | | | | | DEBRIS | INORGANIC BLACK SLAG | | | 27 |
| | | | | | | DEBRIS | ORGANIC | | | 28 |
| ZOOPLANKTN | 45 | 11D | 06/11/1974 | | 16.74 | | | | | |
| ZOOPLANKTN | 46 | 11C | 06/12/1974 | | 11.01 | | | | | |
| ZOOPLANKTN | 47 | 11A | 06/12/1974 | | 8.51 | COPEPOD | ACARTIA TONSA | 94.68 | 57.68 | 1 |
| | | | | | | CLADOCERA | BOSMINA LONGIROSTRIS | .11 | .07 | 2 |
| | | | | | | CLADOCERA | CHYDORUS SPHAERICUS | .02 | .01 | 3 |
| | | | | | | BARNACLE | BARNACLE NAUPLII | 1.22 | .74 | 4 |
| | | | | | | OSTRACOD | PRIONOCYPRIS LONGEMA | .34 | .21 | 5 |
| | | | | | | POLYCHAETE | POLYCHAETE LARVAE | .13 | .08 | 6 |
| | | | | | | BRACHYURAN | CALLINECTES SAP LARV | .49 | .30 | 7 |
| | | | | | | AMPHIPOD | AMPHIPOD LARVAE | .02 | .01 | 8 |
| | | | | | | INSECT | DIPTERID LARVAE | .02 | .01 | 9 |
| | | | | | | PLANT | OAK LEAF HAIRS | 67.11 | 40.89 | 10 |
| ZOOPLANKTN | 48 | 10B | 06/12/1974 | | 10.80 | COPEPOD | ACARTIA TONSA | 44.83 | 11.35 | 1 |
| | | | | | | COPEPOD | ARGULUS | .04 | .01 | 2 |
| | | | | | | COPEPOD | ERGASILUS Y NAUPLII | .04 | .01 | 3 |
| | | | | | | COPEPOD | ERGASILUS CHAUTAUQNS | .02 | .01 | 4 |
| | | | | | | COPEPOD | HARPACTICOID B | .02 | .01 | 5 |
| | | | | | | COPEPOD | HARPACTIOID D | .02 | .01 | 6 |
| | | | | | | ANNELID | ANNELID | .02 | .01 | 7 |
| | | | | | | BARNACLE | BARNACLE NAUPLII | 3.71 | .94 | 8 |
| | | | | | | BRACHYURAN | CALLINECTES SAP LARV | 1.21 | .31 | 9 |
| | | | | | | OSTRACOD | PRIONOCYPRIS LONGEMA | .33 | .08 | 10 |
| | | | | | | GASTROPOD | SNAIL | .04 | .01 | 11 |
| | | | | | | INSECT | INSECT | .12 | .03 | 12 |
| | | | | | | COELENTERATE | LEPTO MEDUSAE | .25 | .06 | 13 |
| | | | | | | POLYCHAETE | POLYCHAETE A | 7.43 | 1.88 | 14 |
| | | | | | | POLYCHAETE | POLYCHAETE A LARVAE | 8.39 | 2.12 | 15 |
| | | | | | | POLYCHAETE | POLYCHAETE B | 1.56 | .39 | 16 |
| | | | | | | FLATWORM | FLATWORM | .57 | .14 | 17 |
| | | | | | | PLANT | OAK LEAF HAIRS | 326.31 | 82.62 | 18 |
| | | | | | | PLANT | UNKNOWN | .02 | .01 | 19 |
| | | | | | | ALGAE | CLOSTERIUM SETACEUM | .02 | .01 | 20 |
| | | | | | | DEBRIS | ORGANIC | | | 21 |

| SAMPLE TYPE C701 | SAMP NUMB C703 | STAT ION C702 | DATE MM DD YY C705 | TOTAL-LIP MG"M3 C718 | CHL A UGL C719 | TOXONOMY ORGANIZM TYPE C726 | - GENUS SPECIES C727 | POPULAT. NUMBER C728 | RELT PCMP C729 | SEQ NUMB C730 |
|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | |
| ZOOPLANKTN | 49 | 08C | 06/12/1974 | | 28.94 | | | | | |
| ZOOPLANKTN | 50 | 08B | 06/12/1974 | | 18.17 | | | | | |
| ZOOPLANKTN | 51 | 05B | 06/13/1974 | | 19.87 | | | | | |
| ZOOPLANKTN | 52 | 05A | 06/13/1974 | | 14.41 | COPEPOD | ACARTIA TONSA | 8.02 | 6.07 | 1 |
| | | | | | | COPEPOD | EURYTEMORA AFFINIS | 4.32 | 3.27 | 2 |
| | | | | | | COPEPOD | HALICYCLOPS B | .02 | .02 | 3 |
| | | | | | | COPEPOD | CYCLOPOID C | .02 | .02 | 4 |
| | | | | | | COPEPOD | CYCLOPOID IMMATURES | .04 | .03 | 5 |
| | | | | | | COPEPOD | ERGASILUS CHAUTAUQNS | .47 | .36 | 6 |
| | | | | | | COPEPOD | HARPACTICOID B | .02 | .02 | 7 |
| | | | | | | CLADOCERA | BOSMINA LONGIROSTRIS | .08 | .06 | 8 |
| | | | | | | CLADOCERA | DAPHNIA | .25 | .19 | 9 |
| | | | | | | BARNACLE | BARNACLE NAUPLII | 7.94 | 6.01 | 10 |
| | | | | | | BRACHYURAN | CALLINECTES SAP LARV | .23 | .17 | 11 |
| | | | | | | OSTRACOD | PRIONOCYPRIS LONGFMA | .10 | .08 | 12 |
| | | | | | | POLYCHAETE | POLYCHAETE LARVAE B | .02 | .02 | 13 |
| | | | | | | POLYCHAETE | POLYCHAETE LARVAE A | .14 | .11 | 14 |
| | | | | | | BRYOZOA | BRYOZOAN FLOATOBLAST | .04 | .03 | 15 |
| | | | | | | INSECT | INSECT | .08 | .06 | 16 |
| | | | | | | PLANT | OAK LEAF HAIRS | 110.34 | 83.51 | 17 |
| ZOOPLANKTN | 53 | 03B | 06/13/1974 | | 24.60 | | | | | |
| ZOOPLANKTN | 54 | 01A | 06/13/1974 | | 9.64 | COPEPOD | ACARTIA TONSA | 79.64 | 4.64 | 1 |
| | | | | | | COPEPOD | ARGULUS | .06 | .00 | 2 |
| | | | | | | COPEPOD | EURYTEMORA AFFINIS | 2.22 | .13 | 3 |
| | | | | | | COPEPOD | ERGASILUS CHAUTAUQNS | .78 | .05 | 4 |
| | | | | | | COPEPOD | HARPACTICOID B | .12 | .01 | 5 |
| | | | | | | COPEPOD | CYCLOPOID A | 2.22 | .13 | 6 |
| | | | | | | COPEPOD | HALICYCLOPS B | .18 | .01 | 7 |
| | | | | | | COPEPOD | CYCLOPOID C | 1.92 | .11 | 8 |
| | | | | | | COPEPOD | CYCLOPOID D NAUPLII | .54 | .03 | 9 |
| | | | | | | COPEPOD | CYCLOPOID E | .30 | .02 | 10 |
| | | | | | | COPEPOD | EUCYCLOPS F | .18 | .01 | 11 |
| | | | | | | COPEPOD | CYCLOPOID G | .36 | .02 | 12 |
| | | | | | | COPEPOD | IMMATURE CYCLOPOIDS | 98.80 | 5.76 | 13 |
| | | | | | | COPEPOD | MACROCYCLOP FUSCS A1 | .96 | .06 | 14 |
| | | | | | | CLADOCERA | ALONA RECTANGULA | 1.26 | .07 | 15 |
| | | | | | | CLADOCERA | BOSMINA LONGIROSTRIS | 417.96 | 24.37 | 16 |
| | | | | | | CLADOCERA | BOSMINA COREGONI | 18.62 | 1.09 | 17 |
| | | | | | | CLADOCERA | CHYDORUS SPHAERICUS | .54 | .03 | 18 |
| | | | | | | CLADOCERA | DAPHNIA | 777.25 | 45.32 | 19 |
| | | | | | | CLADOCERA | EPHIPPIAL EGGS MOINA | .78 | .05 | 20 |
| | | | | | | CLADOCERA | LEYDIGIA ACANTHOCERC | .06 | .00 | 21 |
| | | | | | | BARNACLE | BARNACLE NAUPLII | .24 | .01 | 22 |
| | | | | | | BRYOZOA | BRYOZOAN FLOATOBLAST | .06 | .00 | 23 |
| | | | | | | INSECT | INSECT | .06 | .00 | 24 |
| | | | | | | INSECT | DIPTERID LARVAE | .12 | .01 | 25 |
| | | | | | | OSTRACOD | OSTRACOD | .48 | .03 | 26 |
| | | | | | | ROTIFER | BRACHIONUS | 3.17 | .18 | 27 |
| | | | | | | ROTIFER | GASTROPUS | 2.99 | .17 | 28 |
| | | | | | | SPIDER | SPIDER | .06 | .00 | 29 |

MARINE BIOLOGY DATA REPORT PART-B
75/07/18.

| SAMPLE TYPE C701 | SAMP NUMB C703 | STAT ION C702 | DATE MM DD YY C705 | TOTAL-LIP MG"M3 C718 | CHL A UGL C719 | TOXONOMY ORGANIZM TYPE C726 | GENUS SPECIES C727 | POPULAT. NUMBER C728 | RELT PCMP C729 | SEQ NUMB C730 |
|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | ALGAE | CLOSTERIUM | .06 | .00 | 30 |
| | | | | | | PLANT | OAK LEAF HAIRS | 302.99 | 17.67 | 31 |
| | | | | | | PLANT | POD | .06 | .00 | 32 |
| ZOOPLANKTN | 55 | 07B | 07/08/1974 | | 50.00 | COPEPOD | ACARTIA TONSA | 243.87 | 59.46 | 1 |
| | | | | | | COPEPOD | CYCLOPOID A | .29 | .07 | 2 |
| | | | | | | COPEPOD | CYCLOPOID B | .23 | .06 | 3 |
| | | | | | | COPEPOD | ERGASILUS CHAUTAUQNS | .58 | .14 | 4 |
| | | | | | | COPEPOD | EURYTEMORA AFFINIS | .84 | .20 | 5 |
| | | | | | | COPEPOD | HARPACTICOID A | .06 | .01 | 6 |
| | | | | | | CLADOCERA | ALONA AFFINIS | .03 | .01 | 7 |
| | | | | | | CLADOCERA | ALONA RECTANGULA | .10 | .02 | 8 |
| | | | | | | CLADOCERA | BOSMINA COREGONI | .65 | .16 | 9 |
| | | | | | | CLADOCERA | BOSMINA LONGIROSTRIS | 10.97 | 2.67 | 10 |
| | | | | | | CLADOCERA | CHYDORUS SPHAERICUS | .06 | .01 | 11 |
| | | | | | | CLADOCERA | DAPHNIA | 37.42 | 9.12 | 12 |
| | | | | | | CLADOCERA | EPHIPPIAL EGGS | .06 | .01 | 13 |
| | | | | | | BARNACLE | BARNACLE NAUPLII | 1.97 | .48 | 14 |
| | | | | | | BRACHYURAN | CALLINECTES SAP LARV | .03 | .01 | 15 |
| | | | | | | BRACHYURAN | CALLINECTES ZOEA | 1.35 | .33 | 16 |
| | | | | | | BRYOZOA | BRYOZOAN FLOATOBLAST | 2.52 | .61 | 17 |
| | | | | | | INSECT | INSECT | .32 | .08 | 18 |
| | | | | | | OSTRACOD | PRIONOCYPRIS LONGFMA | 18.71 | 4.56 | 19 |
| | | | | | | POLYCHAETE | POLYCHAETE LARVAE | .06 | .01 | 20 |
| | | | | | | RHIZOPOD | RHIZOPOD | .90 | .22 | 21 |
| | | | | | | SPIDER | SPIDER | .06 | .01 | 22 |
| | | | | | | PLANT | OAK LEAF HAIRS | 89.03 | 21.71 | 23 |
| | | | | | | PLANT | SEED POD | .03 | .01 | 24 |
| | | | | | | DEBRIS | ORGANIC | | | 25 |
| | | | | | | DEBRIS | INORGANIC BLACK SLAG | | | 26 |
| ZOOPLANKTN | 56 | 11D | 07/08/1974 | | 91.88 | | | | | |
| ZOOPLANKTN | 57 | 11C | 07/09/1974 | | 11.12 | | | | | |
| ZOOPLANKTN | 58 | 11A | 07/09/1974 | | 10.85 | COPEPOD | ACARTIA TONSA | 833.88 | 86.26 | 1 |
| | | | | | | CLADOCERA | PODON LEUCARTI | 28.08 | 2.90 | 2 |
| | | | | | | BARNACLE | BARNACLE NAUPLII | 33.52 | 3.47 | 3 |
| | | | | | | OSTRACOD | PRIONOCYPRIS LONGFMA | 9.47 | .98 | 4 |
| | | | | | | POLYCHAETE | POLYCHAETE LARVAE | .14 | .01 | 5 |
| | | | | | | BRACHYURAN | CALLINECTES SAP LARV | 4.44 | .46 | 6 |
| | | | | | | GASTROPOD | SNAIL | .09 | .01 | 7 |
| | | | | | | INSECT | INSECT | .09 | .01 | 8 |
| | | | | | | FISH | FISH EGG | .23 | .02 | 9 |
| | | | | | | PLANT | OAK LEAF HAIRS | 8.79 | .91 | 10 |
| ZOOPLANKTN | 59 | 10B | 07/09/1974 | | 12.20 | COPEPOD | ACARTIA TONSA | 428.74 | 95.54 | 1 |
| | | | | | | COPEPOD | ARGULUS | .02 | .00 | 2 |
| | | | | | | COPEPOD | HARPACTICOID D | .02 | .00 | 3 |
| | | | | | | CLADOCERA | DAPHNIA | .07 | .02 | 4 |
| | | | | | | CLADOCERA | PODON LEUCARTI | 2.99 | .67 | 5 |
| | | | | | | BRACHYURAN | CALLINECTES SAP LARV | 3.14 | .70 | 6 |
| | | | | | | BARNACLE | BARNACLE NAUPLII | 4.68 | 1.04 | 7 |
| | | | | | | POLYCHAETE | POLYCHAETE LARVAE | .10 | .02 | 8 |
| | | | | | | FISH | FISH LARVAE | .02 | .00 | 9 |

| SAMPLE TYPE C701 | SAMP NUMB C703 | STAT ION C702 | DATE MM DD YY C705 | TOTAL-LIP MG"M3 C718 | CHL A UGL C719 | TOXONOMY ORGANIZM TYPE C726 | - GENUS SPECIES C727 | POPULAT. NUMBER C728 | RELT PCMP C729 | SEQ NUMB C730 |
|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | |
| | | | | | | FISH | FISH EGG | .10 | .02 | 10 |
| | | | | | | ISOPOD | ISOPOD | .07 | .02 | 11 |
| | | | | | | OSTRACOD | PRIONOCYPRIS LONGFMA | 2.26 | .50 | 12 |
| | | | | | | SPIDER | SPIDER | .02 | .00 | 13 |
| | | | | | | INSECT | INSECT | .10 | .02 | 14 |
| | | | | | | CRUSTACEAN | UNKNOWN | .02 | .00 | 15 |
| | | | | | | PLANT | OAK LEAF HAIRS | 6.39 | 1.42 | 16 |
| ZOOPLANKTN | 60 | 08C | 07/09/1974 | | 6.63 | | | | | |
| ZOOPLANKTN | 61 | 05A | 07/09/1974 | | 5.90 | COPEPOD | ACARTIA TONSA | 2097.30 | 87.45 | 1 |
| | | | | | | COPEPOD | EURYTEMORA AFFINIS | 53.89 | 2.25 | 2 |
| | | | | | | COPEPOD | ERGASILUS M SPP | .17 | .01 | 3 |
| | | | | | | COPEPOD | HARPACTICOID A | .17 | .01 | 4 |
| | | | | | | CLADOCERA | DAPHNIA | 1.33 | .06 | 5 |
| | | | | | | CLADOCERA | PODON LEUCARTI | .17 | .01 | 6 |
| | | | | | | BARNACLE | BARNACLE NAUPLII | 212.89 | 8.88 | 7 |
| | | | | | | BRACHYURAN | CALLINECTES SAP LARV | 6.49 | .27 | 8 |
| | | | | | | BRYOZOA | BRYOZOAN FLOATOBLAST | .17 | .01 | 9 |
| | | | | | | FISH | FISH LARVAE | .50 | .02 | 10 |
| | | | | | | GASTROPOD | SNAIL | .17 | .01 | 11 |
| | | | | | | INSECT | INSECT | .33 | .01 | 12 |
| | | | | | | OSTRACOD | PRIONOCYPRIS LONGFMA | 18.96 | .79 | 13 |
| | | | | | | POLYCHAETE | POLYCHAETE LARVAE | 1.83 | .08 | 14 |
| | | | | | | PLANT | ALGAE UNKNOWN | .17 | .01 | 15 |
| | | | | | | PLANT | OAK LEAF HAIRS | 3.66 | .15 | 16 |
| ZOOPLANKTN | 62 | 03B | 07/10/1974 | | 4.04 | | | | | |
| ZOOPLANKTN | 63 | 01A | 07/10/1974 | | 17.47 | COPEPOD | ACARTIA TONSA | .84 | .06 | 1 |
| | | | | | | COPEPOD | CYCLOPOID A | 1.17 | .09 | 2 |
| | | | | | | COPEPOD | MACROCYCLOPS FUSC A1 | 7.77 | .58 | 3 |
| | | | | | | COPEPOD | CYCLOPOID C | 2.00 | .15 | 4 |
| | | | | | | COPEPOD | CYLOPOID NAUPLII | 14.95 | 1.11 | 5 |
| | | | | | | COPEPOD | EUCYCLOPS F | 4.34 | .32 | 6 |
| | | | | | | COPEPOD | ERGASILUS CHAUTAUQNS | .17 | .01 | 7 |
| | | | | | | CLADOCERA | ALONA AFFINIS | 9.35 | .70 | 8 |
| | | | | | | CLADOCERA | ALONA GUTTATA | 2.34 | .17 | 9 |
| | | | | | | CLADOCERA | ALONA QUADRANGULARIS | 3.34 | .25 | 10 |
| | | | | | | CLADOCERA | BOSMINA COREGONI | 49.27 | 3.66 | 11 |
| | | | | | | CLADOCERA | BOSMINA LONGIROSTRIS | 23.13 | 1.72 | 12 |
| | | | | | | CLADOCERA | CAMPTOCERUS RECTIROS | .08 | .01 | 13 |
| | | | | | | CLADOCERA | CHYDORUS SPHAERICUS | 3.17 | .24 | 14 |
| | | | | | | CLADOCERA | DAPHNIA | 1196.66 | 88.98 | 15 |
| | | | | | | CLADOCERA | ILYOCRYPTUS SPINIFER | 11.44 | .85 | 16 |
| | | | | | | CLADOCERA | LEYDIGIA QUADRANGULS | .08 | .01 | 17 |
| | | | | | | CLADOCERA | MONOSPILUS DISPAR | .08 | .01 | 18 |
| | | | | | | CLADOCERA | PODON LEUCARTI | .17 | .01 | 19 |
| | | | | | | BRACHYURAN | CALLINECTES SAP LARV | .08 | .01 | 20 |
| | | | | | | BRYOZOA | BRYOZOAN FLOATBLAST | .25 | .02 | 21 |
| | | | | | | FISH | FISH EGG | .92 | .07 | 23 |
| | | | | | | INSECT | INSECT | .08 | .01 | 24 |
| | | | | | | BARNACLE | BARNACLE NAUPLII | .08 | .01 | 25 |
| | | | | | | OSTRACOD | OSTRACOD | 1.17 | .09 | 26 |

| SAMPLE TYPE C701 | SAMP NUMB. C703 | STAT ION C702 | DATE MM DD YY C705 | TOTAL-LIP MG*M3 C718 | CHL A UGL C719 | TOXONOMY ORGANIZM TYPE C726 | - GENUS SPECIES C727 | POPULAT. NUMBER C728 | RELT PCMP C729 | SEQ NUMB C730 |
|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | |
| | | | | | | OSTRACOD | PRIONOCYPRIS LONGFMA | .08 | .01 | 27 |
| | | | | | | ROTIFER | ROTIFER | 6.26 | .47 | 28 |
| | | | | | | SPIDER | SPIDER | 1.42 | .11 | 29 |
| | | | | | | PLANT | ALGAE | .08 | .01 | 30 |
| | | | | | | PLANT | OAK LEAF HAIRS | 4.09 | .30 | 31 |
| | | | | | | DEBRIS | ORGANIC BLOBS | | | 32 |
| ZOOPLANKTN | 64 | 11D | 09/18/1974 | | 8.38 | | | | | |
| ZOOPLANKTN | 65 | 07B | 09/18/1974 | | 47.94 | COPEPOD | ACARTIA TONSA | 1012.58 | 99.07 | 1 |
| | | | | | | COPEPOD | ARGULUS SPP | .04 | .00 | 2 |
| | | | | | | COPEPOD | ERGASILUS CHAUTAUQNS | .09 | .01 | 3 |
| | | | | | | COPEPOD | HALICYCLOPS B | .04 | .00 | 4 |
| | | | | | | CLADOCERA | BOSMINA COPEGONI | .04 | .00 | 5 |
| | | | | | | CLADOCERA | BOSMINA LONGIROSTRIS | .09 | .01 | 6 |
| | | | | | | CLADOCERA | DAPHNIA | .13 | .01 | 7 |
| | | | | | | CLADOCERA | PODON POLYPHEMOIDES | .04 | .00 | 8 |
| | | | | | | BARNACLE | NAUPLII | 2.60 | .25 | 9 |
| | | | | | | BRACHYURAN | CALLINECTES SAP LARV | .04 | .00 | 10 |
| | | | | | | BRYOZOA | BRYOZOAN FLOATOBLAST | .22 | .02 | 11 |
| | | | | | | DIATOM | CENTRALES | 2.78 | .27 | 12 |
| | | | | | | NEMATODE | NEMATODE | .04 | .00 | 13 |
| | | | | | | OSTRACOD | PRIONOCYPRIS LONGFMA | 2.21 | .22 | 14 |
| | | | | | | PLANT | OAK LEAF HAIRS | 1.13 | .11 | 15 |
| | | | | | | DEBRIS | BLACK SLAG INORGANIC | | | 16 |
| ZOOPLANKTN | 66 | 11A | 09/19/1974 | | 157.89 | COPEPOD | ACARTIA TONSA | 2553.65 | 99.14 | 1 |
| | | | | | | COPEPOD | HALICYCLOPS B1 | .05 | .00 | 2 |
| | | | | | | COPEPOD | ERGASILUS X | .21 | .00 | 3 |
| | | | | | | COPEPOD | HARPACTICOID A | .05 | .00 | 4 |
| | | | | | | CLADOCERA | PODON LEUCARTI | 2.45 | .10 | 5 |
| | | | | | | AMPHIPOD | AMPHIPOD LARVAE | .05 | .00 | 6 |
| | | | | | | BARNACLE | BARNACLE NAUPLII | 12.03 | .47 | 7 |
| | | | | | | BRACHYURAN | CALLINECTES SAP LARV | .10 | .00 | 8 |
| | | | | | | OSTRACOD | PRIONOCYPRIS LONGFMA | 1.35 | .05 | 9 |
| | | | | | | POLYCHAETE | POLYCHAETE LARVAE | 2.55 | .10 | 10 |
| | | | | | | GASTROPOD | SNAIL | .10 | .00 | 11 |
| | | | | | | ROTIFER | ROTIFER | .05 | .00 | 12 |
| | | | | | | FLATWORM | FLATWORM | .16 | .00 | 13 |
| | | | | | | INSECT | INSECT | .05 | .00 | 14 |
| | | | | | | DIATOM | CENTRALES | 2.50 | .10 | 15 |
| | | | | | | ALGAE | CLOSTERIUM SETACEUM | .05 | .00 | 16 |
| | | | | | | PLANT | OAK LEAF HAIRS | .36 | .01 | 17 |
| ZOOPLANKTN | 67 | 11C | 09/19/1974 | | 27.70 | | | | | |
| ZOOPLANKTN | 68 | 10B | 09/19/1974 | | 33.15 | COPEPOD | ACARTIA TONSA | 268.25 | 96.76 | 1 |
| | | | | | | COPEPOD | NAUPLII | .42 | .15 | 2 |
| | | | | | | CLADOCERA | PODON LEUCARTI | 1.27 | .46 | 3 |
| | | | | | | BARNACLE | BARNACLE NAUPLII | 4.13 | 1.49 | 4 |
| | | | | | | OSTRACOD | PRIONOCYPRIS LONGFMA | 1.11 | .40 | 5 |
| | | | | | | DIATOM | CENTRALES | 2.06 | .74 | 6 |
| | | | | | | DEBRIS | ORGANIC | | | 7 |
| | | | | | | DEBRIS | INORGANIC SLAG | | | 8 |
| ZOOPLANKTN | 69 | 08C | 09/19/1974 | | 22.60 | | | | | |

| SAMPLE TYPE C701 | SAMP NUMB C703 | STAT ION C702 | DATE MM DD YY C705 | TOTAL-LIP MG"M3 C718 | CHL A UGL C719 | TOXONOMY ORGANIZM TYPE C726 | - GENUS SPECIES C727 | POPULAT. NUMBER C728 | RELT PCMP C729 | SEQ NUMB C730 |
|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | |
| ZOOPLANKTN | 70 | 05A | 09/19/1974 | | 27.50 | COPEPOD | ACARTIA TONSA | 1168.56 | 97.46 | 1 |
| | | | | | | COPEPOD | EURYTEMORA AFFINIS | .91 | .08 | 2 |
| | | | | | | COPEPOD | ARGULUS NAUPLII | .04 | .00 | 3 |
| | | | | | | COPEPOD | OITHONA BREVICORNIS | .07 | .01 | 4 |
| | | | | | | COPEPOD | ERGASILUS CHAUTAUQNS | .44 | .04 | 5 |
| | | | | | | COPEPOD | HARPACTICOID A | .04 | .00 | 6 |
| | | | | | | COPEPOD | CALANOID NAUPLII | .04 | .00 | 7 |
| | | | | | | CLADOCERA | PODON LEUCAPTI | .04 | .00 | 8 |
| | | | | | | CLADOCERA | EPHIPPIAL EGGS | .15 | .01 | 9 |
| | | | | | | BARNACLE | BARNACLE NAUPLII | 19.38 | 1.62 | 10 |
| | | | | | | BRYOZOA | BRYOZOAN FLOATOBLAST | .07 | .01 | 11 |
| | | | | | | DIATOM | CENTRALES | 1.17 | .10 | 12 |
| | | | | | | FISH | FISH EGG | .04 | .00 | 13 |
| | | | | | | GASTROPOD | SNAIL | .37 | .03 | 14 |
| | | | | | | FLATWORM | FLATWORM | .33 | .03 | 15 |
| | | | | | | MYSIS | MYSIS LARVAE | .04 | .00 | 16 |
| | | | | | | OSTRACOD | PRIONOCYPRIS LONGFMA | 2.41 | .20 | 17 |
| | | | | | | POLYCHAETE | POLYCHAETE LARVAE | 4.17 | .35 | 18 |
| | | | | | | PLANT | OAK LEAF HAIRS | .73 | .06 | 19 |
| | | | | | | DEBRIS | ORGANIC FEATHER | | | 20 |
| | | | | | | DEBRIS | INORGANIC FIBER SLAG | | | 21 |
| ZOOPLANKTN | 71 | 01A | 09/20/1974 | | 18.83 | COPEPOD | ACARTIA TONSA | 3.05 | .20 | 1 |
| | | | | | | COPEPOD | EURYTEMORA AFFINIS | 5.29 | .35 | 2 |
| | | | | | | COPEPOD | CYCLOPOID A | .66 | .04 | 3 |
| | | | | | | COPEPOD | MACROCYCLOPS FUSC A1 | 2.29 | .15 | 4 |
| | | | | | | COPEPOD | HALICYCLOPS B | .05 | .00 | 5 |
| | | | | | | COPEPOD | CYCLOPOID C | .86 | .06 | 6 |
| | | | | | | COPEPOD | CYCLOPOID E | 1.22 | .08 | 7 |
| | | | | | | COPEPOD | CYCLOPOID NAUPLII | 21.86 | 1.44 | 8 |
| | | | | | | COPEPOD | OITHONA BREVICORNIS | .20 | .01 | 9 |
| | | | | | | COPEPOD | ERGASILUS CHAUTAUQNS | .05 | .00 | 10 |
| | | | | | | CLADOCERA | ALONA AFFINIS | .05 | .00 | 11 |
| | | | | | | CLADOCERA | BOSMINA LONGIROSTRIS | 370.01 | 24.33 | 12 |
| | | | | | | CLADOCERA | BOSMINA COREGONI | 173.82 | 11.43 | 13 |
| | | | | | | CLADOCERA | CHYDORUS SPHAERICUS | .81 | .05 | 14 |
| | | | | | | CLADOCERA | DAPHNIA | 908.77 | 59.75 | 15 |
| | | | | | | CLADOCERA | ILYOCRYPTUS SPINIFER | 3.61 | .24 | 16 |
| | | | | | | CLADOCERA | PLEUROXUS DENTICULAT | .05 | .00 | 17 |
| | | | | | | INSECT | INSECT | .05 | .00 | 18 |
| | | | | | | OSTRACOD | OSTRACOD | 6.30 | .41 | 19 |
| | | | | | | OSTRACOD | PRIONOCYPRIS LONGFMA | .41 | .03 | 20 |
| | | | | | | MOLLUSK | PELECYPOD LARVAE | .05 | .00 | 21 |
| | | | | | | ROTIFER | ROTIFER | 20.64 | 1.36 | 22 |
| | | | | | | SPIDER | SPIDER | .20 | .01 | 23 |
| | | | | | | DIATOM | CENTRALES | .41 | .03 | 24 |
| | | | | | | PLANT | OAK LEAF HAIRS | .15 | .01 | 25 |
| | | | | | | DEBRIS | ORGANIC | | | 26 |
| ZOOPLANKTN | 72 | 03B | 09/20/1974 | | 9.04 | | | | | |
| ZOOPLANKTN | 73 | 11A | 10/24/1974 | | 16.26 | COPEPOD | ACARTIA TONSA | 20.67 | 41.64 | 1 |
| | | | | | | COPEPOD | OITHONA NANA | .04 | .08 | 2 |

| SAMPLE TYPE C701 | SAMP NUMB C703 | STAT ION C702 | DATE MM DD YY C705 | TOTAL-LIP MG"M3 C718 | CHL A UGL C719 | TOXONOMY ORGANIZM TYPE C726 | - GENUS SPECIES C727 | POPULAT. NUMBER C728 | RELT PCMP C729 | SEQ NUMB C730 |
|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | |
| | | | | | | CLADOCERA | PODON LAUCARTI | 25.03 | 50.42 | 3 |
| | | | | | | BARNACLE | BARNACLE NAUPLII | 1.29 | 2.60 | 4 |
| | | | | | | DIATOM | CENTRALES | .08 | .16 | 5 |
| | | | | | | FLATWORM | FLATWORM | .08 | .16 | 6 |
| | | | | | | OSTRACOD | PRIONOCYPRIS LONGFMA | 1.95 | 3.93 | 7 |
| | | | | | | POLYCHAETE | POLYCHAETE LARVAE | .42 | .85 | 8 |
| | | | | | | PLANT | OAK LEAF HAIRS | .08 | .16 | 9 |
| | | | | | | DEBRIS | ORGANIC | | | 10 |
| ZOOPLANKTN | 74 | 11C | 10/24/1974 | | 11.90 | | | | | |
| ZOOPLANKTN | 75 | 10B | 10/24/1974 | | 10.87 | COPEPOD | ACARTIA TONSA | 2.56 | 76.42 | 1 |
| | | | | | | CLADOCERA | PODON LEUCARTI | .29 | 8.66 | 2 |
| | | | | | | BARNACLE | BARNACLE NAUPLII | .02 | .60 | 3 |
| | | | | | | DIATOM | CENTRALES | .02 | .60 | 4 |
| | | | | | | OSTRACOD | PRIONOCYPRIS LONGFMA | .21 | 6.27 | 5 |
| | | | | | | UNKNOWN | SMALL EGGS | .25 | 7.46 | 6 |
| | | | | | | DEBRIS | ORGANIC | | | 7 |
| ZOOPLANKTN | 76 | 08C | 10/24/1974 | | 12.39 | | | | | |
| ZOOPLANKTN | 77 | 05B | 10/24/1974 | | 8.20 | | | | | |
| ZOOPLANKTN | 78 | 05A | 10/24/1974 | | 4.08 | COPEPOD | ACARTIA TONSA | 458.02 | 97.29 | 1 |
| | | | | | | COPEPOD | CALANOID NAUPLII | .03 | .01 | 2 |
| | | | | | | COPEPOD | ERGASILUS CHAUTAUQNS | .08 | .02 | 3 |
| | | | | | | COPEPOD | EURYTEMORA AFFINIS | 2.65 | .56 | 4 |
| | | | | | | COPEPOD | HARPACTICOID B | .03 | .01 | 5 |
| | | | | | | COPEPOD | OITHONA BREVICORNIS | .75 | .16 | 6 |
| | | | | | | COPEPOD | OITHONA NANA | .03 | .01 | 7 |
| | | | | | | CLADOCERA | PODON | 4.49 | .95 | 8 |
| | | | | | | CLADOCERA | EPHIPPIAL EGGS | .61 | .13 | 9 |
| | | | | | | BARNACLE | BARNACLE NAUPLII | .50 | .11 | 10 |
| | | | | | | BRYOZOA | BRYOZOAN FLOATOBLAST | .53 | .11 | 11 |
| | | | | | | DIATOM | CENTRALES | .42 | .09 | 12 |
| | | | | | | EGG | EGG | .03 | .01 | 13 |
| | | | | | | FLATWORM | FLATWORM | .14 | .03 | 14 |
| | | | | | | GASTROPOD | SNAIL | .03 | .01 | 15 |
| | | | | | | INSECT | LARVAE UNKNOWN | .03 | .01 | 16 |
| | | | | | | INSECT | UNKNOWN | .06 | .01 | 17 |
| | | | | | | MYSID | MYSID ZOEA | .08 | .02 | 18 |
| | | | | | | OSTRACOD | PRIONOCYPRIS LONGFMA | .47 | .10 | 19 |
| | | | | | | POLYCHAETE | POLYCHAETE LARVAE | .98 | .21 | 20 |
| | | | | | | RHIZOPOD | ARCELLA POLYPORA | .11 | .02 | 21 |
| | | | | | | RHIZOPOD | DIFFLUGIA CORONA | .03 | .01 | 22 |
| | | | | | | ROTIFER | ROTIFER | .45 | .10 | 23 |
| | | | | | | PLANT | OAK LEAF HAIRS | .25 | .05 | 24 |
| | | | | | | DEBRIS | ORGANIC MASSIVE AMT | | | 25 |
| ZOOPLANKTN | 79 | 03B | 11/25/1974 | | 14.28 | | | | | |
| ZOOPLANKTN | 80 | 001 | 11/25/1974 | | 14.86 | | | | | |
| ZOOPLANKTN | 81 | 002 | 11/25/1974 | | 32.16 | | | | | |
| ZOOPLANKTN | 82 | 003 | 11/25/1974 | | 49.33 | | | | | |
| ZOOPLANKTN | 83 | 005 | 11/25/1974 | | 12.18 | | | | | |
| ZOOPLANKTN | 84 | 11A | 11/27/1974 | | 21.25 | COPEPOD | ACARTIA TONSA | 590.67 | 85.77 | 1 |
| | | | | | | COPEPOD | EURYTEMORA AFFINIS | .51 | .07 | 2 |

| SAMPLE TYPE C701 | SAMP NUMB C703 | STAT ION C702 | DATE MM DD YY C705 | TOTAL-LIP MG"M3 C718 | CHL A UGL C719 | TOXONOMY ORGANIZM TYPE C726 | - GENUS SPECIES C727 | POPULAT. NUMBER C728 | RELT PCMP C729 | SEQ NUMB C730 |
|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | |
| | | | | | | COPEPOD | CALANOID NAUPLII | .95 | .14 | 3 |
| | | | | | | COPEPOD | CYCLOPOID NAUPLII | .03 | .00 | 4 |
| | | | | | | COPEPOD | OITHONA BREVICORNIS | 1.49 | .22 | 5 |
| | | | | | | CLADOCERA | PODON LEUCARTI | 59.23 | 8.60 | 6 |
| | | | | | | BARNACLE | BARNACLE NAUPLII | 29.75 | 4.32 | 7 |
| | | | | | | CHAETOGNATHA | SAGITTA ARROW WORM | .03 | .00 | 8 |
| | | | | | | DIATOM | CENTRALES | .08 | .01 | 9 |
| | | | | | | FLATWORM | FLATWORM | .08 | .01 | 10 |
| | | | | | | OSTRACOD | PRIONOCYPRIS LONGFMA | .14 | .02 | 11 |
| | | | | | | POLYCHAETE | POLYCHAETE LARVAE | 5.71 | .83 | 12 |
| ZOOPLANKTN | 85 | 11C | 11/27/1974 | | 16.50 | | | | | |
| ZOOPLANKTN | 86 | 10B | 11/27/1974 | | 19.06 | COPEPOD | ACARTIA TONSA | 1833.33 | 96.58 | 1 |
| | | | | | | COPEPOD | CYCLOPOID NAUPLII | .08 | .00 | 2 |
| | | | | | | COPEPOD | ERGASILUS CHAUTAUQNS | .08 | .00 | 3 |
| | | | | | | COPEPOD | ERGASILUS Y NAUPLII | .08 | .00 | 4 |
| | | | | | | COPEPOD | EURYTEMORA AFFINIS | .15 | .01 | 5 |
| | | | | | | COPEPOD | OITHONA BREVICORNIS | .53 | .03 | 6 |
| | | | | | | CLADOCERA | PODON LEUCARTI | 40.15 | 2.12 | 7 |
| | | | | | | BARNACLE | BARNACLE NAUPLII | 10.45 | .55 | 8 |
| | | | | | | BRYOZOA | BRYOZOAN FLOATOBLAST | .15 | .01 | 9 |
| | | | | | | DIATOM | CENTRALES | .15 | .01 | 10 |
| | | | | | | OSTRACOD | PRIONOCYPRIS LONGFMA | .30 | .02 | 11 |
| | | | | | | POLYCHAETE | POLYCHAETE LARVAE | 11.67 | .61 | 12 |
| | | | | | | RHIZOPOD | DIFFLUGIA ARCULA | .15 | .01 | 13 |
| | | | | | | ROTIFER | ROTIFER | .91 | .05 | 14 |
| | | | | | | PLANT | OAK LEAF HAIRS | .15 | .01 | 15 |
| | | | | | | DEBRIS | INORGANIC BLACK SLAG | | | 16 |
| ZOOPLANKTN | 87 | 05A | 11/27/1974 | | 11.17 | COPEPOD | ACARTIA TONSA | 1576.56 | 87.24 | 1 |
| | | | | | | COPEPOD | EURYTEMORA AFFINIS | 35.94 | 1.99 | 2 |
| | | | | | | COPEPOD | CALANOID NAUPLII | .23 | .01 | 3 |
| | | | | | | COPEPOD | EUCYCLOPS F | .94 | .05 | 4 |
| | | | | | | COPEPOD | CYCLOPOID NAUPLII | 1.64 | .09 | 5 |
| | | | | | | COPEPOD | OITHONA BREVICORNIS | .08 | .00 | 6 |
| | | | | | | CLADOCERA | BOSMINA COREGONI | .78 | .04 | 7 |
| | | | | | | CLADOCERA | BOSMINA LONGIROSTRIS | 4.14 | .23 | 8 |
| | | | | | | CLADOCERA | BOSMINA X VARIETY | 1.17 | .06 | 9 |
| | | | | | | CLADOCERA | DAPHNIA | .08 | .00 | 10 |
| | | | | | | CLADOCERA | PODON | 7.73 | .43 | 11 |
| | | | | | | CLADOCERA | EPHIPPIAL EGGS | .08 | .00 | 12 |
| | | | | | | BARNACLE | BARNACLE NAUPLII | 4.53 | .25 | 13 |
| | | | | | | BRYOZOA | BRYOZOAN FLOATOBLAST | .78 | .04 | 14 |
| | | | | | | DIATOM | CENTRALES | .31 | .02 | 15 |
| | | | | | | INSECT | INSECT | .08 | .00 | 16 |
| | | | | | | OSTRACOD | OSTRACOD | .08 | .00 | 17 |
| | | | | | | OSTRACOD | PRIONOCYPRIS LONGFMA | .23 | .01 | 18 |
| | | | | | | POLYCHAETE | POLYCHAETE LARVAE | 170.31 | 9.42 | 19 |
| | | | | | | RHIZOPOD | RHIZOPOD | .23 | .01 | 20 |
| | | | | | | ROTIFER | ROTIFER | .86 | .05 | 21 |
| | | | | | | PLANT | OAK LEAF HAIRS | .39 | .02 | 22 |
| | | | | | | DEBRIS | ORGANIC | | | 23 |

MARINE BIOLOGY DATA REPORT PART-B
75/07/18.

| SAMPLE TYPE C701 | SAMP NUMB C703 | STAT ION C702 | DATE MM DD YY C705 | TOTAL-LIP MG"M3 C718 | CHL A UGL C719 | TOXONOMY ORGANIZM TYPE C726 | - GENUS SPECIES C727 | POPULAT. NUMBER C728 | RELT PCMP C729 | SEQ NUMB C730 |
|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | |
| ZOOPLANKTN | 88 | 08B | 11/27/1974 | | 15.28 | | | | | |
| ZOOPLANKTN | 89 | 11A | 12/17/1974 | | 13.41 | COPEPOD | ACARTIA TONSA | 2223.61 | 75.68 | 1 |
| | | | | | | COPEPOD | EURYTEMORA AFFINIS | 14.85 | .51 | 2 |
| | | | | | | COPEPOD | CALANOID NAUPLII | .59 | .02 | 3 |
| | | | | | | COPEPOD | CYCLOPOID A | .24 | .01 | 4 |
| | | | | | | COPEPOD | CYCLOPOID C | .36 | .01 | 5 |
| | | | | | | COPEPOD | EUCYCLOPS F | .12 | .00 | 6 |
| | | | | | | COPEPOD | HALICYCLOPS FOSTERI | .12 | .00 | 7 |
| | | | | | | COPEPOD | CYCLOPOD NAUPLII | .48 | .02 | 8 |
| | | | | | | COPEPOD | HARPACTICOID B | .59 | .02 | 9 |
| | | | | | | COPEPOD | HARPACTICOID D | 8.08 | .27 | 10 |
| | | | | | | COPEPOD | OITHONA BREVICORNIS | 9.38 | .32 | 11 |
| | | | | | | CLADOCERA | PODON LEUCARTI | 123.53 | 4.20 | 12 |
| | | | | | | BARNACLE | BARNACLE NAUPLII | 11.64 | .40 | 13 |
| | | | | | | DIATOM | CENTRALES | .36 | .01 | 14 |
| | | | | | | FLATWORM | FLATWORM | .24 | .01 | 15 |
| | | | | | | OSTRACOD | OSTRACOD | .12 | .00 | 16 |
| | | | | | | OSTRACOD | PRIONOCYPRIS LONGFMA | 2.85 | .10 | 17 |
| | | | | | | POLYCHAETE | POLYCHAETE LARVAE | 539.27 | 18.35 | 18 |
| | | | | | | RHIZOPOD | ACTINOPHRYS | .12 | .00 | 19 |
| | | | | | | ROTIFER | ROTIFER | 1.66 | .06 | 20 |
| | | | | | | PLANT | OAK LEAF HAIR | .12 | .00 | 21 |
| | | | | | | DEBRIS | INORGANIC BLACK SLAG | | | 22 |
| ZOOPLANKTN | 90 | 11C | 12/17/1974 | | 4.10 | | | | | |
| ZOOPLANKTN | 91 | 10B | 12/17/1974 | | 6.51 | COPEPOD | ACARTIA TONSA | 1214.46 | 70.38 | 1 |
| | | | | | | COPEPOD | EURYTEMORA AFFINIS | 34.37 | 1.99 | 2 |
| | | | | | | COPEPOD | CALANOID NAUPLII | .29 | .02 | 3 |
| | | | | | | COPEPOD | CYCLOPOID A | .57 | .03 | 4 |
| | | | | | | COPEPOD | CYCLOPOID NAUPLII | .79 | .05 | 5 |
| | | | | | | COPEPOD | ERGASILUS Y NAUPLII | .07 | .00 | 6 |
| | | | | | | COPEPOD | HARPACTICOID B | 2.58 | .15 | 7 |
| | | | | | | COPEPOD | HARPACTICOID D | .29 | .02 | 8 |
| | | | | | | COPEPOD | OITHONA BREVICORNIS | 2.22 | .13 | 9 |
| | | | | | | CLADOCERA | BOSMINA LONGIROSTRIS | .14 | .01 | 10 |
| | | | | | | CLADOCERA | DAPHNIA | .07 | .00 | 11 |
| | | | | | | CLADOCERA | PODON | 309.34 | 17.93 | 12 |
| | | | | | | BARNACLE | BARNACLE NAUPLII | 2.86 | .17 | 13 |
| | | | | | | DIATOM | CENTRALES | .07 | .00 | 14 |
| | | | | | | FLATWORM | FLATWORM | .36 | .02 | 15 |
| | | | | | | OSTRACOD | OSTRACOD | .14 | .01 | 16 |
| | | | | | | OSTRACOD | PRIONOCYPRIS LONGFMA | .79 | .05 | 17 |
| | | | | | | POLYCHAETE | POLYCHAETE LARVAE | 154.67 | 8.96 | 18 |
| | | | | | | ROTIFER | ROTIFER | .93 | .05 | 19 |
| | | | | | | PLANT | OAK LEAF HAIRS | .14 | .01 | 20 |
| | | | | | | DEBRIS | INORGANIC BLACK | .43 | .02 | 21 |
| ZOOPLANKTN | 92 | 08C | 12/17/1974 | | 4.78 | | | | | |
| ZOOPLANKTN | 93 | 05A | 12/17/1974 | | 5.41 | COPEPOD | ACARTIA TONSA | 180.27 | 22.64 | 1 |
| | | | | | | COPEPOD | EURYTEMORA AFFINIS | 536.94 | 67.44 | 2 |
| | | | | | | COPEPOD | CALANOID NAUPLII | .52 | .07 | 3 |
| | | | | | | COPEPOD | OITHONA BREVICORNIS | 1.38 | .17 | 4 |

| SAMPLE TYPE C701 | SAMP NUMB C703 | STAT ION C702 | DATE MM DD YY C705 | TOTAL-LIP MG"M3 C718 | CHL A UGL C719 | TOXONOMY ORGANIZM TYPE C726 | - GENUS SPECIES C727 | POPULAT. NUMBER C728 | RELT PCMP C729 | SEQ NUMB C730 |
|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | | | |
| | | | | | | COPEPOD | CYCLOPOID A | .61 | .08 | 5 |
| | | | | | | COPEPOD | HALICYCLOPS B | .26 | .03 | 6 |
| | | | | | | COPEPOD | CYCLOPOID C LG ADULT | 1.03 | .13 | 7 |
| | | | | | | COPEPOD | CYCLOPOID D | .19 | .02 | 8 |
| | | | | | | COPEPOD | EUCYCLOPS F | .13 | .02 | 9 |
| | | | | | | COPEPOD | CYCLOPOID NAUPLII | 2.51 | .32 | 10 |
| | | | | | | COPEPOD | HARPACTICOID B | 1.83 | .23 | 11 |
| | | | | | | COPEPOD | HARPACTICOID D | .45 | .06 | 12 |
| | | | | | | COPEPOD | ROBERTSONIA CHESAPKN | 2.99 | .38 | 13 |
| | | | | | | CLADOCERA | ALONA AFFINIS | .03 | .00 | 14 |
| | | | | | | CLADOCERA | BOSMINA LONGIROSTRIS | 6.70 | .84 | 15 |
| | | | | | | CLADOCERA | BOSMINA COREGONI | .13 | .02 | 16 |
| | | | | | | CLADOCERA | BOSMINA X VARIETY | 1.22 | .15 | 17 |
| | | | | | | CLADOCERA | CHYDORUS SPHAERICUS | 1.00 | .13 | 18 |
| | | | | | | CLADOCERA | DAPHNIA | .84 | .11 | 19 |
| | | | | | | CLADOCERA | EPHIPPIAL EGGS | .10 | .01 | 20 |
| | | | | | | CLADOCERA | ILYOCRYPTUS SPINIFER | .45 | .06 | 21 |
| | | | | | | CLADOCERA | PODON LEUCARTI | 9.85 | 1.24 | 22 |
| | | | | | | BARNACLE | BARNACLE NAUPLII | .10 | .01 | 23 |
| | | | | | | BRYOZOA | BRYOZOAN FLOATOBLAST | .06 | .01 | 24 |
| | | | | | | DIATOM | CENTRALES | .03 | .00 | 25 |
| | | | | | | FISH | LARGE FISH LARVAE | .06 | .01 | 26 |
| | | | | | | FISH | TINY FISH SCALES | 3.99 | .50 | 27 |
| | | | | | | FISH | LARGE MENHADEN | .03 | .00 | 28 |
| | | | | | | INSECT | DIPTERID LARVAE | .06 | .01 | 29 |
| | | | | | | OSTRACOD | PRIONOCYPRIS LONGFMA | .03 | .00 | 30 |
| | | | | | | POLYCHAETE | POLYCHAETE LARVAE | 42.17 | 5.30 | 31 |
| | | | | | | PLANT | OAK LEAF HAIRS | .10 | .01 | 32 |
| | | | | | | DEBRIS | INORGANIC PAINT SLAG | .10 | .01 | 33 |
| | | | | | | DEBRIS | ORGANIC SMALL AMOUNT | | | 34 |
| ZOOPLANKTN | 94 | 03B | 12/18/1974 | | 11.28 | | | | | |
| ZOOPLANKTN | 95 | 01A | 12/18/1974 | | 1.36 | COPEPOD | ACARTIA TONSA | 3.98 | 1.21 | 1 |
| | | | | | | COPEPOD | EURYTEMORA AFFINIS | 5.20 | 1.58 | 2 |
| | | | | | | COPEPOD | OITHONA BREVICORNIS | 2.04 | .62 | 3 |
| | | | | | | COPEPOD | CYCLOPOID A | 5.96 | 1.81 | 4 |
| | | | | | | COPEPOD | HALICYCLOPS B | .56 | .17 | 5 |
| | | | | | | COPEPOD | CYCLOPOID C | 1.94 | .59 | 6 |
| | | | | | | COPEPOD | CYCLOPOID D | 1.84 | .56 | 7 |
| | | | | | | COPEPOD | EUCYCLOPS F | .66 | .20 | 8 |
| | | | | | | COPEPOD | CYCLOPOID G | .71 | .22 | 9 |
| | | | | | | COPEPOD | CYCLOPOID NAUPLII | 29.06 | 8.84 | 10 |
| | | | | | | COPEPOD | HARPACTICOID B | 2.60 | .79 | 11 |
| | | | | | | COPEPOD | HARPACTICOID D | 2.24 | .68 | 12 |
| | | | | | | COPEPOD | ROBERTSONIA CHESAPKN | .46 | .14 | 13 |
| | | | | | | CLADOCERA | ALONA AFFINIS | .31 | .09 | 14 |
| | | | | | | CLADOCERA | ALONA RECTANGULA | .66 | .20 | 15 |
| | | | | | | CLADOCERA | ALLONELLA SPP DENTIF | .25 | .08 | 16 |
| | | | | | | CLADOCERA | BOSMINA COREGONI | .20 | .06 | 17 |
| | | | | | | CLADOCERA | BOSMINA LONGIROSTRIS | 198.29 | 60.32 | 18 |
| | | | | | | CLADOCERA | CHYDORUS SPHAERICUS | 10.09 | 3.07 | 19 |

MARINE BIOLOGY DATA REPORT PART-B
75/07/18.

| SAMPLE TYPE C701 | SAMP NUMB C703 | STAT ION C702 | DATE MM DD YY C705 | TOTAL-LIP MG"M3 C718 | CHL A UGL C719 | TOXONOMY ORGANIZM TYPE C726 | - GENUS SPECIES C727 | POPULAT. NUMBER C728 | RELT PCMP C729 | SEQ NUMB C730 |
|---|---|---|---|---|---|---|---|---|---|---|
| ** | | | | | | CLADOCERA | DAPHNIA | 17.84 | 5.43 | 20 |
| | | | | | | CLADOCERA | EPHIPPIAL EGGS | 4.03 | 1.23 | 21 |
| | | | | | | CLADOCERA | ILYOCRYPTUS SPINIFER | 2.55 | .78 | 22 |
| | | | | | | CLADOCERA | LEYDIGIA ACANTHOCERC | 9.18 | 2.79 | 23 |
| | | | | | | CLADOCERA | LEYDIGIA QUADRANGULA | 9.18 | 2.79 | 24 |
| | | | | | | CLADOCERA | PLEUROXIS HAMULATUS | .25 | .08 | 25 |
| | | | | | | CLADOCERA | PODON LEUCARTI | .36 | .11 | 26 |
| | | | | | | AMPHIPOD | AMPHIPOD LARVAE | .05 | .02 | 27 |
| | | | | | | ANNELLID | ANNELLID LARVAE | .51 | .16 | 28 |
| | | | | | | BARNACLE | BARNACLE NAUPLII | .05 | .02 | 29 |
| | | | | | | BRYOZOA | BRYOZOAN FLOATOBLAST | 4.38 | 1.33 | 30 |
| | | | | | | BRYOZOA | PECTINATELLA MAGNIFI | .10 | .03 | 31 |
| | | | | | | FISH | FISH EGGS | 3.62 | 1.10 | 32 |
| | | | | | | FISH | FISH SCALES | .10 | .03 | 33 |
| | | | | | | HYDROID | HYDROID | .46 | .14 | 34 |
| | | | | | | INSECT | DIPTERID LARVAE | .15 | .05 | 35 |
| | | | | | | INSECT | SPIDER-LIKE | .25 | .08 | 36 |
| | | | | | | OSTRCOD | OSTRCOD | .56 | .17 | 37 |
| | | | | | | OSTRACOD | PRIONOCYPRIS LONGFMA | .05 | .02 | 38 |
| | | | | | | POLYCHAETE | POLYCHAETE LARVAE | .05 | .02 | 39 |
| | | | | | | RHIZOPODS | RHIZOPODS | 1.33 | .40 | 40 |
| | | | | | | ROTIFERS | ROTIFERS | 3.98 | 1.21 | 41 |
| | | | | | | PLANT | OAK LEAF HAIRS | 2.24 | .68 | 42 |
| | | | | | | PLANT | LARGE WINGED SEEDS | .36 | .11 | 43 |
| | | | | | | DEBRIS | INORGANIC PAINT CHIP | .05 | .02 | 44 |
| | | | | | | DEBRIS | INORGANIC BLACK SLAG | | | 45 |
| | | | | | | DEBRIS | ORGANIC LARGE AMOUNT | | | 46 |

MARINE BIOLOGY DEPTH PROFILE 1
75/07/18.

| SAMPLE TYPE C701 | SAMP NUMB C703 | STAT ION C702 | DATE MM DD YY C705 | DEPTH METRS C751 | TEMP CENTG C752 | DISLV OXYGN C753 | CONDU CTIVT C754 | PH " C755 |
|---|---|---|---|---|---|---|---|---|
| ZOOPLANKTN | 32 | 07B | 05/01/1974 | .0 | 17.50 | 8.20 | 6.50 | 7.30 |
| | | | | 2.0 | 15.40 | 7.30 | 7.50 | 7.20 |
| | | | | 4.0 | 15.20 | 6.90 | 8.70 | 7.20 |
| | | | | 6.0 | 14.90 | 6.00 | 9.90 | 6.90 |
| | | | | 7.0 | 14.80 | 5.90 | 10.70 | 6.90 |
| ZOOPLANKTN | 33 | 11D | 05/01/1974 | .0 | 17.20 | 8.80 | 13.50 | 7.90 |
| | | | | 2.0 | 17.70 | 8.90 | 13.50 | 7.90 |
| | | | | 4.0 | 17.20 | 9.00 | 13.50 | 7.90 |
| | | | | 6.0 | 16.50 | 9.10 | 14.00 | 7.90 |
| | | | | 7.0 | 15.50 | 8.80 | 14.00 | 7.70 |
| ZOOPLANKTN | 34 | 11C | 05/02/1974 | .0 | 13.50 | 9.20 | 11.20 | 7.70 |
| ZOOPLANKTN | 35 | 11A | 05/02/1974 | .0 | 15.00 | 9.60 | 9.10 | 7.80 |
| | | | | 2.0 | 15.00 | 9.40 | 9.20 | 7.90 |
| | | | | 4.0 | 15.00 | 9.50 | 9.20 | 8.00 |
| | | | | 5.0 | 15.00 | 9.50 | 9.20 | 8.00 |
| ZOOPLANKTN | 36 | 10B | 05/02/1974 | .0 | 14.90 | 9.70 | 8.90 | 8.00 |
| | | | | 2.0 | 15.00 | 9.50 | 8.80 | 7.90 |
| | | | | 4.0 | 14.90 | 9.50 | 8.70 | 8.00 |
| | | | | 6.0 | 14.90 | 9.60 | 8.70 | 7.90 |
| | | | | 8.0 | 14.90 | 9.60 | 8.60 | 7.90 |
| | | | | 10.0 | 11.00 | 6.40 | 19.00 | 7.10 |
| | | | | 11.5 | 10.50 | 5.80 | 19.00 | 7.10 |
| ZOOPLANKTN | 37 | 08C | 05/02/1974 | .0 | 14.90 | 8.60 | 6.00 | 7.60 |
| | | | | 4.0 | 14.90 | 8.30 | 8.80 | 7.40 |
| | | | | 9.0 | 12.00 | 6.60 | 14.00 | 7.20 |
| ZOOPLANKTN | 38 | 08B | 05/02/1974 | .0 | 15.80 | 8.50 | 4.10 | 7.50 |
| | | | | 2.0 | 15.70 | 8.40 | 4.20 | 7.40 |
| | | | | 4.0 | 16.00 | 8.50 | 4.30 | 7.50 |
| ZOOPLANKTN | 39 | 05A | 05/03/1974 | .0 | 15.00 | 8.90 | 2.50 | 7.40 |
| | | | | 2.0 | 15.00 | 8.60 | 2.40 | 7.40 |
| | | | | 4.0 | 15.00 | 8.50 | 2.60 | 7.50 |
| | | | | 6.0 | 15.00 | 8.40 | 2.80 | 7.50 |
| | | | | 8.0 | 14.90 | 8.20 | 4.30 | 7.40 |
| ZOOPLANKTN | 43 | 07B | 06/11/1974 | .0 | 24.50 | 7.80 | 6.60 | 7.70 |
| | | | | 4.0 | 23.00 | 7.20 | 7.50 | 7.70 |
| | | | | 8.0 | 18.30 | 1.40 | 15.50 | 7.70 |
| ZOOPLANKTN | 45 | 11D | 06/11/1974 | .0 | 23.70 | 7.80 | 14.00 | 7.70 |
| | | | | 4.0 | 23.20 | 7.90 | 14.00 | 7.70 |
| | | | | 6.0 | 20.70 | 5.10 | 15.00 | 7.70 |
| | | | | 8.0 | 18.00 | 1.80 | 18.00 | 7.60 |
| ZOOPLANKTN | 46 | 11C | 06/12/1974 | .0 | 22.50 | 8.30 | 9.40 | 7.70 |
| | | | | 4.0 | 22.20 | 8.10 | 9.70 | 7.70 |
| | | | | 8.0 | 19.40 | 3.90 | 16.00 | 7.70 |
| | | | | 12.0 | 17.50 | 1.10 | 21.00 | 7.70 |
| | | | | 16.0 | 17.50 | .30 | 24.00 | 7.70 |
| | | | | 20.0 | 17.50 | .10 | 24.20 | 7.70 |
| ZOOPLANKTN | 47 | 11A | 06/12/1974 | .0 | 22.50 | 9.10 | 9.10 | 7.70 |
| | | | | 2.0 | 21.50 | 7.70 | 11.00 | 7.70 |
| | | | | 4.0 | 19.50 | 5.10 | 15.00 | 7.70 |
| | | | | 6.0 | 17.70 | 2.60 | 20.00 | 7.70 |

MARINE BIOLOGY DEPTH PROFILE
75/07/18.

| SAMPLE TYPE C701 | SAMP NUMB C703 | STAT ION C702 | DATE MM DD YY C705 | DEPTH METRS C751 | TEMP CENTG C752 | DISLV OXYGN C753 | CONDU CTIVT C754 | PH " C755 |
|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | |
| ZOOPLANKTN | 48 | 10B | 06/12/1974 | .0 | 24.00 | 7.80 | 8.30 | 7.70 |
| | | | | 2.0 | 22.00 | 7.20 | 10.00 | 7.70 |
| | | | | 4.0 | 18.50 | 3.70 | 18.00 | 7.60 |
| | | | | 6.0 | 17.50 | 1.60 | 21.00 | 7.70 |
| | | | | 8.0 | 17.00 | .80 | 22.00 | 7.70 |
| | | | | 10.0 | 17.00 | .40 | 22.50 | 7.60 |
| ZOOPLANKTN | 49 | 08C | 06/12/1974 | .0 | 22.50 | 9.20 | 6.20 | 7.70 |
| | | | | 2.0 | 22.50 | 9.50 | 6.30 | 7.70 |
| | | | | 4.0 | 20.50 | 5.50 | 11.50 | 7.60 |
| | | | | 8.0 | 17.50 | 2.20 | 18.50 | 7.70 |
| | | | | 10.0 | 17.50 | 1.20 | 18.50 | 7.60 |
| ZOOPLANKTN | 50 | 08B | 06/12/1974 | .0 | 22.70 | 8.00 | 7.30 | 7.60 |
| | | | | 2.0 | 22.50 | 8.60 | 7.40 | 7.70 |
| | | | | 4.0 | 20.00 | 3.80 | 12.40 | 7.70 |
| ZOOPLANKTN | 52 | 05A | 06/13/1974 | .0 | 22.10 | 7.10 | 4.40 | 7.60 |
| | | | | 2.0 | 22.00 | 6.80 | 4.50 | 7.60 |
| | | | | 4.0 | 22.00 | 6.60 | 4.90 | 7.70 |
| ZOOPLANKTN | 55 | 07B | 07/08/1974 | .0 | 27.10 | 6.30 | 11.40 | 7.70 |
| | | | | 2.0 | 26.90 | 6.80 | 11.50 | 7.70 |
| | | | | 4.0 | 26.90 | 4.60 | 12.00 | 7.70 |
| | | | | 6.0 | 25.00 | 2.90 | 12.10 | 7.70 |
| | | | | 8.0 | 24.40 | 1.60 | 12.80 | 7.70 |
| ZOOPLANKTN | 56 | 11D | 07/08/1974 | .0 | 28.00 | 8.10 | 16.90 | 7.60 |
| | | | | 2.0 | 26.50 | 8.30 | 16.50 | 7.60 |
| | | | | 4.0 | 26.00 | 8.60 | 16.50 | 7.60 |
| | | | | 6.0 | 25.30 | 6.30 | 16.50 | 7.60 |
| ZOOPLANKTN | 58 | 11A | 07/09/1974 | .0 | 25.20 | 8.40 | 12.10 | 7.70 |
| | | | | 2.0 | 25.00 | 7.60 | 12.50 | 7.70 |
| | | | | 4.0 | 24.40 | 6.70 | 14.00 | 7.70 |
| | | | | 6.0 | 24.00 | 5.90 | 15.00 | 7.70 |
| | | | | 8.0 | 24.00 | 5.10 | 15.20 | 7.70 |
| ZOOPLANKTN | 59 | 10B | 07/09/1974 | .0 | 25.40 | 7.70 | 10.00 | 7.60 |
| | | | | 2.0 | 25.00 | 7.90 | 12.10 | 7.70 |
| | | | | 4.0 | 24.10 | 6.40 | 14.00 | 7.70 |
| | | | | 6.0 | 22.20 | 3.90 | 19.00 | 7.70 |
| | | | | 8.0 | 21.50 | 2.40 | 20.50 | 7.70 |
| | | | | 10.0 | 21.00 | 1.60 | 22.10 | 7.70 |
| | | | | 11.0 | 21.00 | 1.10 | 22.10 | 7.70 |
| ZOOPLANKTN | 61 | 05A | 07/09/1974 | .0 | 26.50 | 6.40 | 4.20 | 7.70 |
| | | | | 2.0 | 26.10 | 6.40 | 4.40 | 7.70 |
| | | | | 4.0 | 26.00 | 6.30 | 4.40 | 7.70 |
| | | | | 6.0 | 26.00 | 6.30 | 4.40 | 7.70 |
| | | | | 8.0 | 26.00 | 6.30 | 4.50 | 7.70 |
| | | | | 9.0 | 26.00 | 6.30 | 4.40 | 7.70 |
| ZOOPLANKTN | 64 | 11D | 09/18/1974 | .0 | 26.50 | 5.60 | 21.20 | 7.90 |
| | | | | 1.0 | 26.20 | 5.50 | 21.20 | 7.90 |
| | | | | 2.0 | 26.80 | 5.70 | 21.50 | 8.00 |
| | | | | 4.0 | 26.50 | 5.70 | 21.50 | 7.90 |
| | | | | 6.0 | 26.50 | 5.60 | 21.00 | 7.90 |
| ZOOPLANKTN | 65 | 07B | 09/18/1974 | .0 | 24.50 | 3.10 | 14.90 | 7.00 |

| SAMPLE TYPE C701 | SAMP NUMB C703 | STAT ION C702 | DATE MM DD YY C705 | DEPTH METRS C751 | TEMP CENTG C752 | DISLV OXYGN C753 | CONDU CTIVT C754 | PH " C755 |
|---|---|---|---|---|---|---|---|---|
| ** | | | | | | | | |
| | | | | 2.0 | 24.00 | 2.10 | 15.10 | 6.80 |
| | | | | 4.0 | 24.00 | 2.00 | 15.10 | 6.80 |
| | | | | 6.0 | 24.00 | .60 | 16.10 | 6.70 |
| ZOOPLANKTN | 66 | 11A | 09/19/1974 | .0 | 23.10 | 6.20 | 18.20 | 7.50 |
| | | | | 2.0 | 23.20 | 5.90 | 18.50 | 7.30 |
| | | | | 4.0 | 23.50 | 5.40 | 19.00 | 7.20 |
| | | | | 5.0 | 23.00 | 4.50 | 19.00 | 7.20 |
| ZOOPLANKTN | 68 | 10B | 09/19/1974 | .0 | 23.10 | 5.90 | 16.50 | 7.40 |
| | | | | 2.0 | 23.20 | 5.60 | 17.90 | 7.20 |
| | | | | 4.0 | 23.50 | 4.50 | 19.00 | 7.10 |
| | | | | 6.0 | 23.50 | 4.00 | 20.00 | 7.00 |
| | | | | 8.0 | 24.00 | 1.90 | 24.00 | 7.00 |
| | | | | 10.0 | 24.00 | 1.10 | 24.00 | 7.00 |
| | | | | 12.0 | 23.90 | .90 | 23.90 | 7.00 |
| ZOOPLANKTN | 69 | 08C | 09/19/1974 | .0 | 23.00 | 7.30 | 16.50 | 8.00 |
| | | | | 2.0 | 23.00 | 7.30 | 16.10 | 7.60 |
| | | | | 4.0 | 23.00 | 7.50 | 18.00 | 7.00 |
| | | | | 6.0 | 23.20 | 3.90 | 19.00 | 6.90 |
| | | | | 8.0 | 23.20 | 3.50 | 19.00 | 6.90 |
| | | | | 8.5 | 23.20 | 3.10 | 19.00 | 6.90 |
| ZOOPLANKTN | 70 | 05A | 09/19/1974 | .0 | 23.50 | 6.00 | 8.70 | 7.40 |
| | | | | 2.0 | 23.00 | 5.60 | 9.50 | 7.20 |
| | | | | 4.0 | 23.00 | 5.40 | 9.60 | 7.20 |
| | | | | 6.0 | 23.00 | 5.20 | 9.80 | 7.20 |
| | | | | 8.0 | 23.00 | 5.20 | 9.80 | 7.20 |
| ZOOPLANKTN | 73 | 11A | 10/24/1974 | .0 | 13.40 | 10.70 | 18.60 | 7.95 |
| | | | | 2.0 | 13.50 | 10.60 | 19.00 | 7.90 |
| | | | | 4.0 | 13.70 | 10.20 | 19.50 | 7.90 |
| | | | | 6.0 | 13.80 | 10.10 | 19.50 | 7.90 |
| | | | | 8.0 | 14.00 | 9.50 | 20.00 | 7.80 |
| ZOOPLANKTN | 75 | 10B | 10/24/1974 | .0 | 13.10 | 10.95 | 17.80 | 8.25 |
| | | | | 2.0 | 13.00 | 10.80 | 18.00 | 8.27 |
| | | | | 4.0 | 13.30 | 10.20 | 18.20 | 8.19 |
| | | | | 6.0 | 13.70 | 9.40 | 18.50 | 8.10 |
| | | | | 8.0 | 16.80 | 6.40 | 26.90 | 7.70 |
| | | | | 10.0 | 17.50 | 6.20 | 28.10 | 7.70 |
| ZOOPLANKTN | 78 | 05A | 10/24/1974 | .0 | 13.00 | 10.50 | 9.30 | 7.75 |
| | | | | 2.0 | 13.00 | 10.30 | 9.50 | 7.75 |
| | | | | 4.0 | 12.60 | 10.20 | 10.00 | 7.75 |
| | | | | 6.0 | 12.70 | 9.90 | 10.90 | 7.67 |
| | | | | 8.0 | 13.00 | 9.55 | 11.10 | 7.65 |
| ZOOPLANKTN | 80 | 001 | 11/25/1974 | .0 | 12.00 | 5.30 | 1.10 | 7.90 |
| | | | | 2.0 | 14.00 | 3.70 | 1.90 | 7.70 |
| ZOOPLANKTN | 81 | 002 | 11/25/1974 | .0 | 10.00 | 3.50 | 2.00 | 8.20 |
| | | | | 2.0 | 10.00 | 3.50 | 2.00 | 8.20 |
| | | | | 4.0 | 10.00 | 3.70 | 1.90 | 8.30 |
| | | | | 6.0 | 10.00 | 3.70 | 1.90 | 8.10 |
| ZOOPLANKTN | 82 | 003 | 11/25/1974 | .0 | 9.00 | 3.30 | 1.80 | 8.20 |
| | | | | 2.0 | 10.00 | 3.50 | 1.90 | 8.20 |
| | | | | 4.0 | 10.00 | 3.50 | 1.90 | 8.50 |

MARINE BIOLOGY DEPTH PROFILE
75/07/18.

| SAMPLE TYPE C701 | SAMP NUMB C703 | STAT ION C702 | DATE MM DD YY C705 | DEPTH METRS C751 | TEMP CENTG C752 | DISLV OXYGN C753 | CONDU CTIVT C754 | PH " C755 |
|---|---|---|---|---|---|---|---|---|
| ** | | | | 6.0 | 10.00 | 3.70 | 1.90 | 8.50 |
| | | | | 7.0 | 10.00 | 3.80 | 1.90 | 8.60 |
| ZOOPLANKTN | 83 | 005 | 11/25/1974 | .0 | 9.00 | 4.00 | 1.20 | 8.80 |
| | | | | 2.0 | 10.00 | 4.10 | 1.70 | 8.40 |
| | | | | 4.0 | 9.00 | 3.60 | 1.80 | 8.30 |
| ZOOPLANKTN | 84 | 11A | 11/27/1974 | .0 | 7.60 | 6.95 | 21.00 | 7.40 |
| | | | | 2.0 | 7.50 | 6.60 | 21.00 | 7.45 |
| | | | | 4.0 | 7.60 | 6.60 | 20.90 | 7.50 |
| | | | | 6.0 | 8.50 | 6.55 | 21.20 | 7.49 |
| | | | | 8.0 | 8.80 | 6.12 | 22.50 | 7.40 |
| ZOOPLANKTN | 85 | 11C | 11/27/1974 | .0 | 6.80 | 7.45 | 18.00 | 7.55 |
| | | | | 2.0 | 6.80 | 7.20 | 18.00 | 7.55 |
| | | | | 4.0 | 7.90 | 7.00 | 20.00 | 7.50 |
| | | | | 6.0 | 8.90 | 6.70 | 20.50 | 7.50 |
| | | | | 8.0 | 10.00 | 6.35 | 23.00 | 7.40 |
| | | | | 10.0 | 11.00 | 6.10 | 25.00 | 7.50 |
| | | | | 12.0 | 11.50 | 5.80 | 26.00 | 7.50 |
| ZOOPLANKTN | 87 | 05A | 11/27/1974 | .0 | 6.80 | 7.40 | 7.20 | 7.60 |
| | | | | 2.0 | 6.80 | 7.30 | 7.30 | 7.60 |
| | | | | 4.0 | 6.50 | 7.25 | 7.50 | 7.62 |
| | | | | 6.0 | 6.50 | 7.25 | 7.50 | 7.60 |
| | | | | 8.0 | 6.50 | 7.20 | 8.40 | 7.50 |
| ZOOPLANKTN | 89 | 11A | 12/17/1974 | .0 | 5.50 | 5.90 | 13.50 | 8.00 |
| | | | | 2.0 | 5.50 | 5.90 | 14.50 | 7.90 |
| | | | | 4.0 | 6.00 | 5.90 | 16.50 | 8.00 |
| | | | | 6.0 | 6.00 | 5.90 | 17.00 | 8.00 |
| | | | | 8.0 | 6.30 | 5.80 | 18.50 | 8.00 |
| ZOOPLANKTN | 91 | 10B | 12/17/1974 | .0 | 4.80 | 6.10 | 8.60 | 7.70 |
| | | | | 2.0 | 5.00 | 6.20 | 8.90 | 7.70 |
| | | | | 4.0 | 5.70 | 6.20 | 15.00 | 7.90 |
| | | | | 6.0 | 6.00 | 6.00 | 16.00 | 7.90 |
| | | | | 8.0 | 7.00 | 5.80 | 21.50 | 7.90 |
| | | | | 10.0 | 7.50 | 5.30 | 25.50 | 7.90 |
| | | | | 12.0 | 7.50 | 5.15 | 25.50 | 7.90 |
| ZOOPLANKTN | 93 | 05A | 12/17/1974 | .0 | 4.70 | 6.40 | 4.70 | 7.70 |
| | | | | 2.0 | 4.60 | 6.10 | 4.90 | 7.70 |
| | | | | 4.0 | 4.70 | 6.20 | 6.50 | 7.70 |
| | | | | 6.0 | 5.00 | 6.10 | 8.20 | 7.60 |
| | | | | 8.0 | 5.40 | 6.00 | 9.80 | 7.60 |
| | | | | 10.0 | 5.50 | 5.80 | 11.50 | 7.60 |
| ZOOPLANKTN | 94 | 03B | 12/18/1974 | .0 | 4.30 | 6.40 | 5.30 | 7.60 |
| | | | | 2.0 | 4.30 | 6.30 | 5.30 | 7.70 |
| | | | | 4.0 | 4.30 | 6.30 | 5.20 | 7.60 |
| | | | | 6.0 | 4.40 | 6.40 | 5.20 | 7.60 |
| | | | | 8.0 | 4.30 | 6.40 | 5.10 | 7.60 |
| ZOOPLANKTN | 95 | 01A | 12/18/1974 | .0 | 3.50 | 6.70 | 1.40 | 7.50 |
| | | | | 2.0 | 3.50 | 6.70 | 1.40 | 7.50 |
| | | | | 4.0 | 3.50 | 6.70 | 1.40 | 7.50 |
| | | | | 6.0 | 3.50 | 6.70 | 1.40 | 7.50 |
| | | | | 8.0 | 3.50 | 6.70 | 1.30 | 7.50 |

MARINE BIOLOGY DEPTH PROFILE 5
75/07/18.

| SAMPLE TYPE C701 | SAMP NUMB C703 | STAT ION C702 | DATE MM DD YY C705 | DEPTH METRS C751 | TEMP CENTG C752 | DISLV OXYGN C753 | CONDU CTIVT C754 | PH " C755 |
|---|---|---|---|---|---|---|---|---|
| ** | | | | 10.0 | 3.50 | 6.80 | 1.40 | 7.60 |

# APPENDIX A

## SUPPLEMENTARY DATA ON HYDROLOGY AND METEOROLOGY

Appendix A supplements Volume II, Chapter 5, on Hydrology and Meteorology by K.T.S. Tzou. While reference may be made to the following pages in Chapter 5, they do not enter directly into the discussion of the text. They are inserted here for that reason and to consolidate this basic data with the other data base information in Volume III.

Please note that the water column parameters depicted on Pages A-53 through A-82 include density, which is expressed in sigma-t units, not grams per 1,000 cubic centimeters as noted.

K. T. S. Tzou
Westinghouse Electric Corporation

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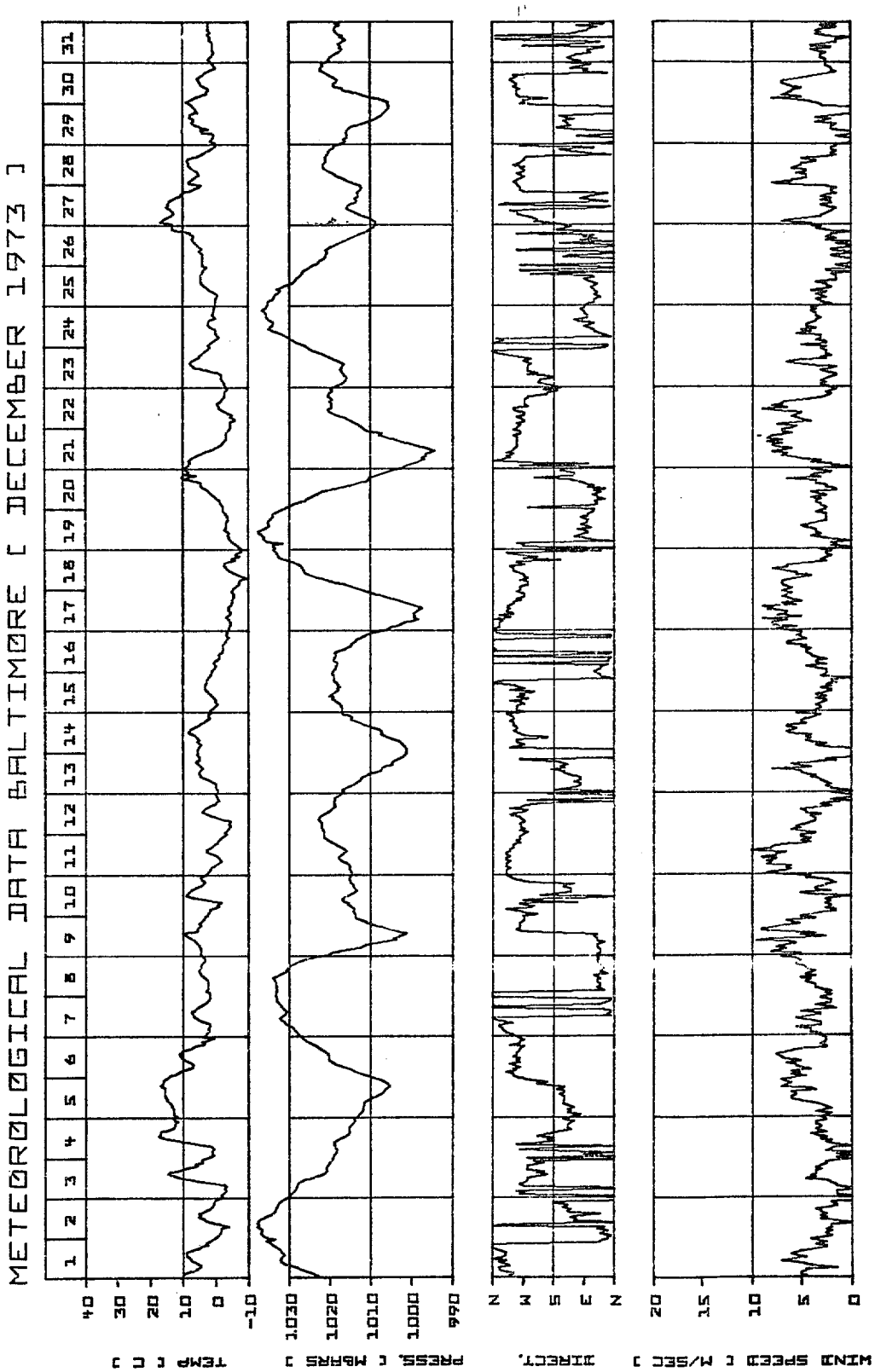
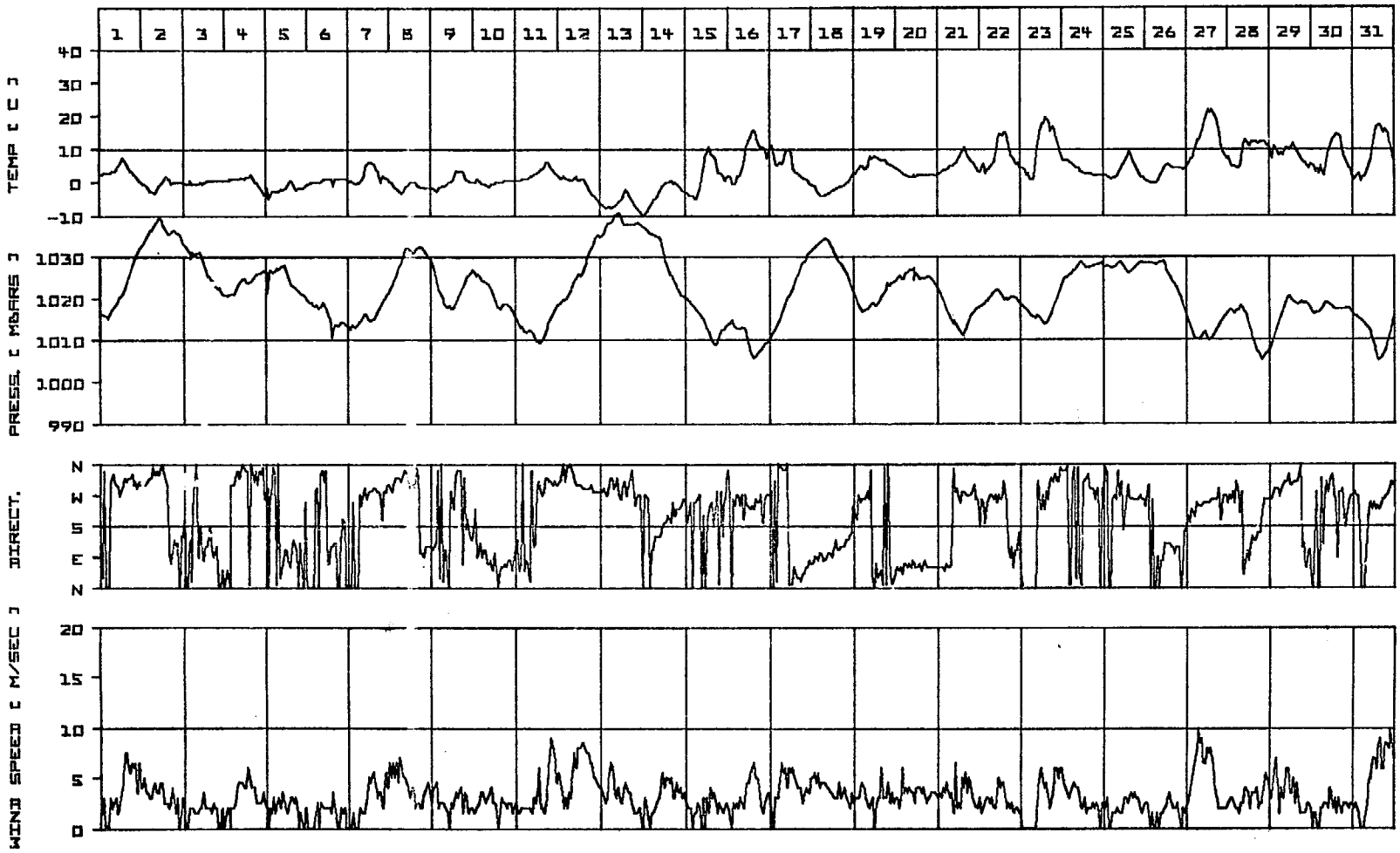
# 1. METEOROLOGICAL DATA

## 1.1 Air Temperature, Barometric Pressure, Wind Speed and Direction



METEOROLOGICAL DATA BALTIMORE [ JANUARY 1974 ]



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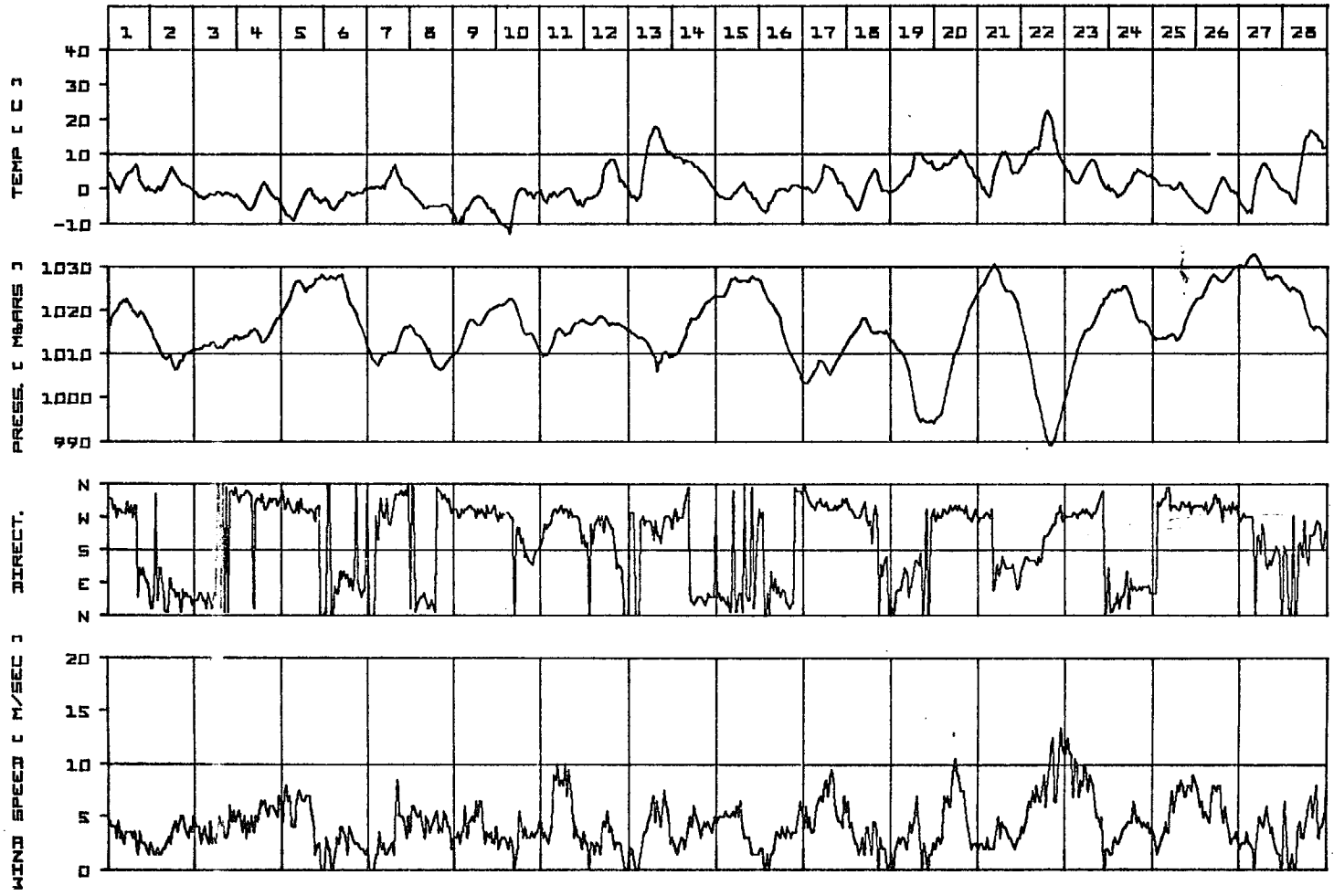
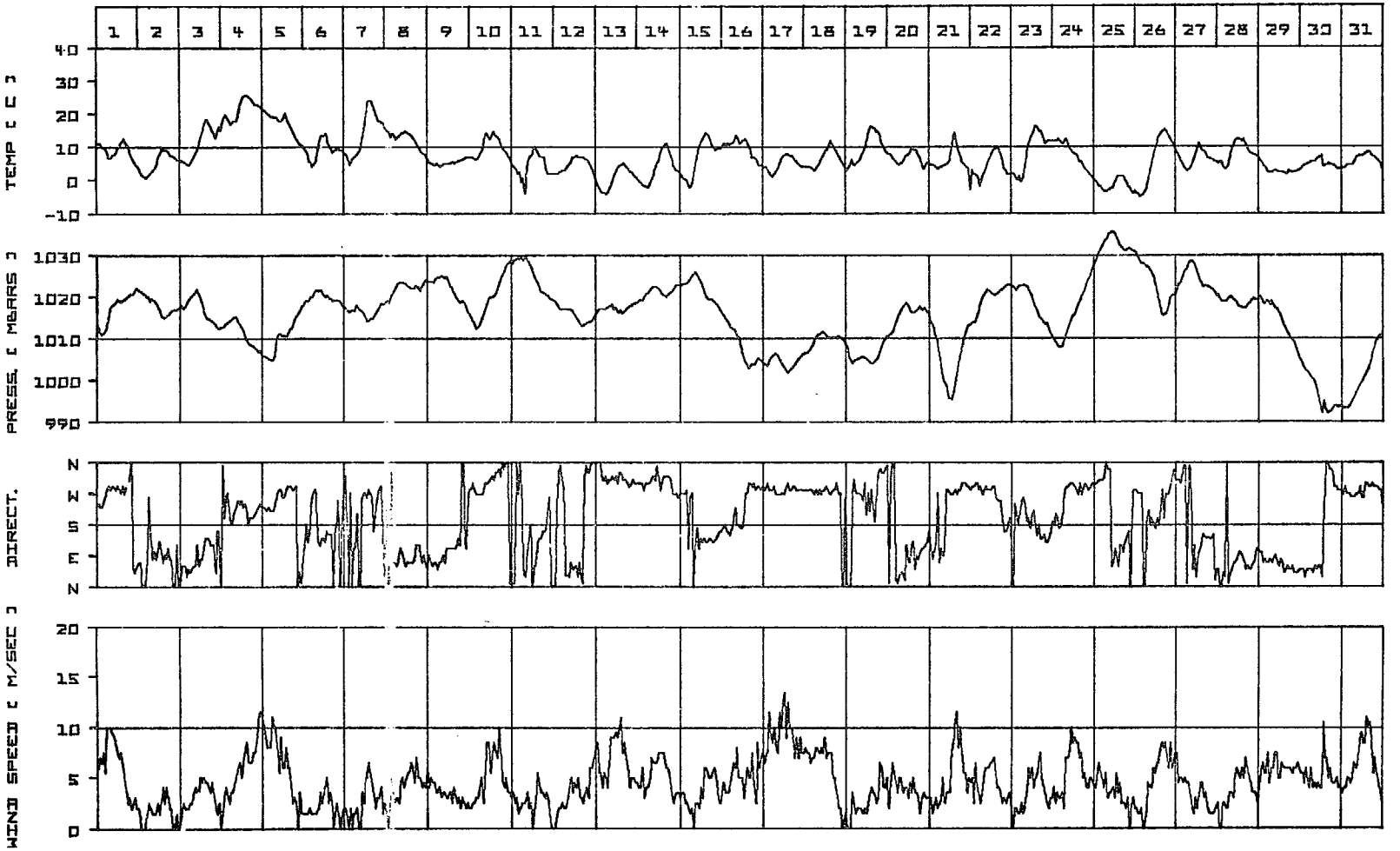
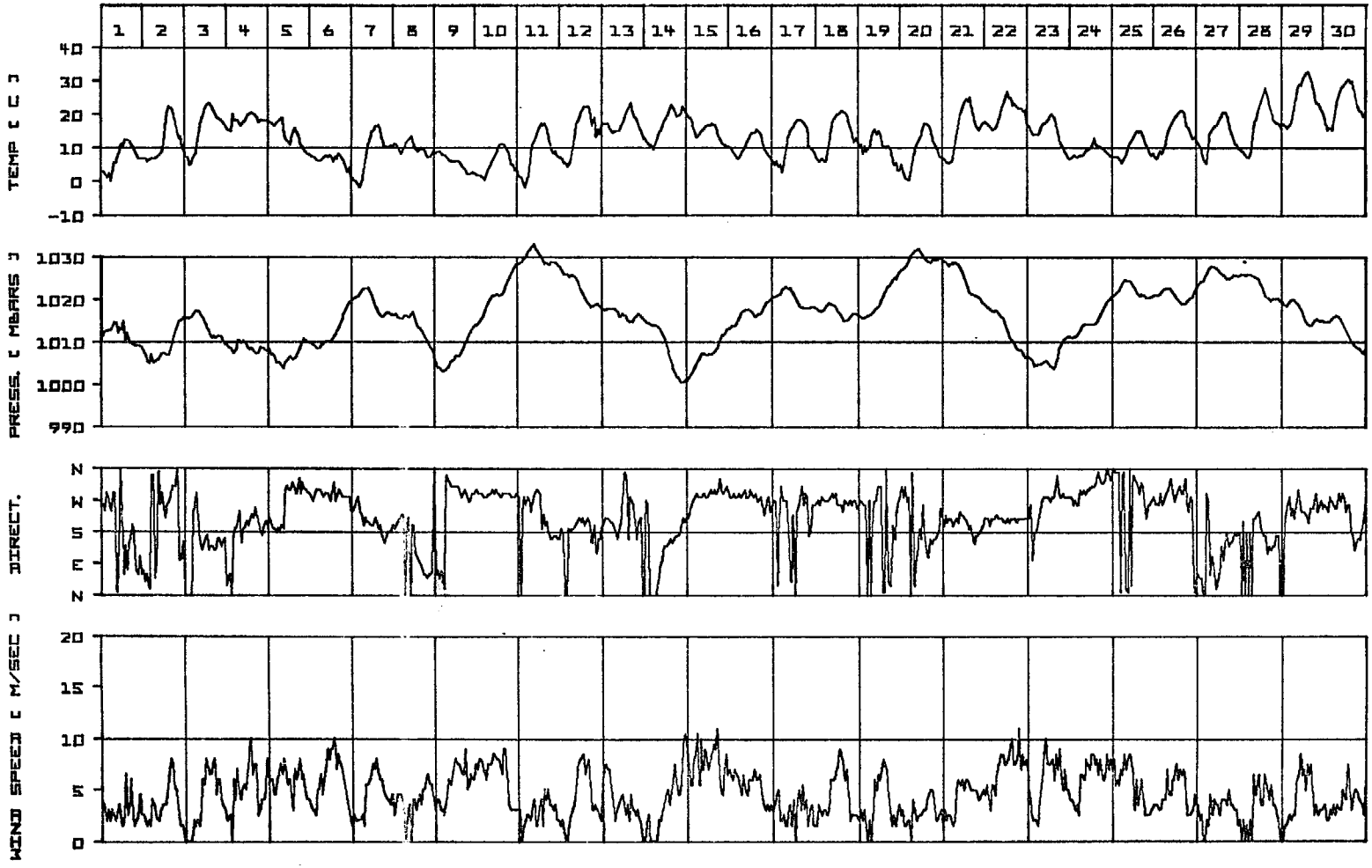


# METEOROLOGICAL DATA BALTIMORE [ MARCH 1974 ]



METEOROLOGICAL DATA BALTIMORE [ APRIL 1974 ]



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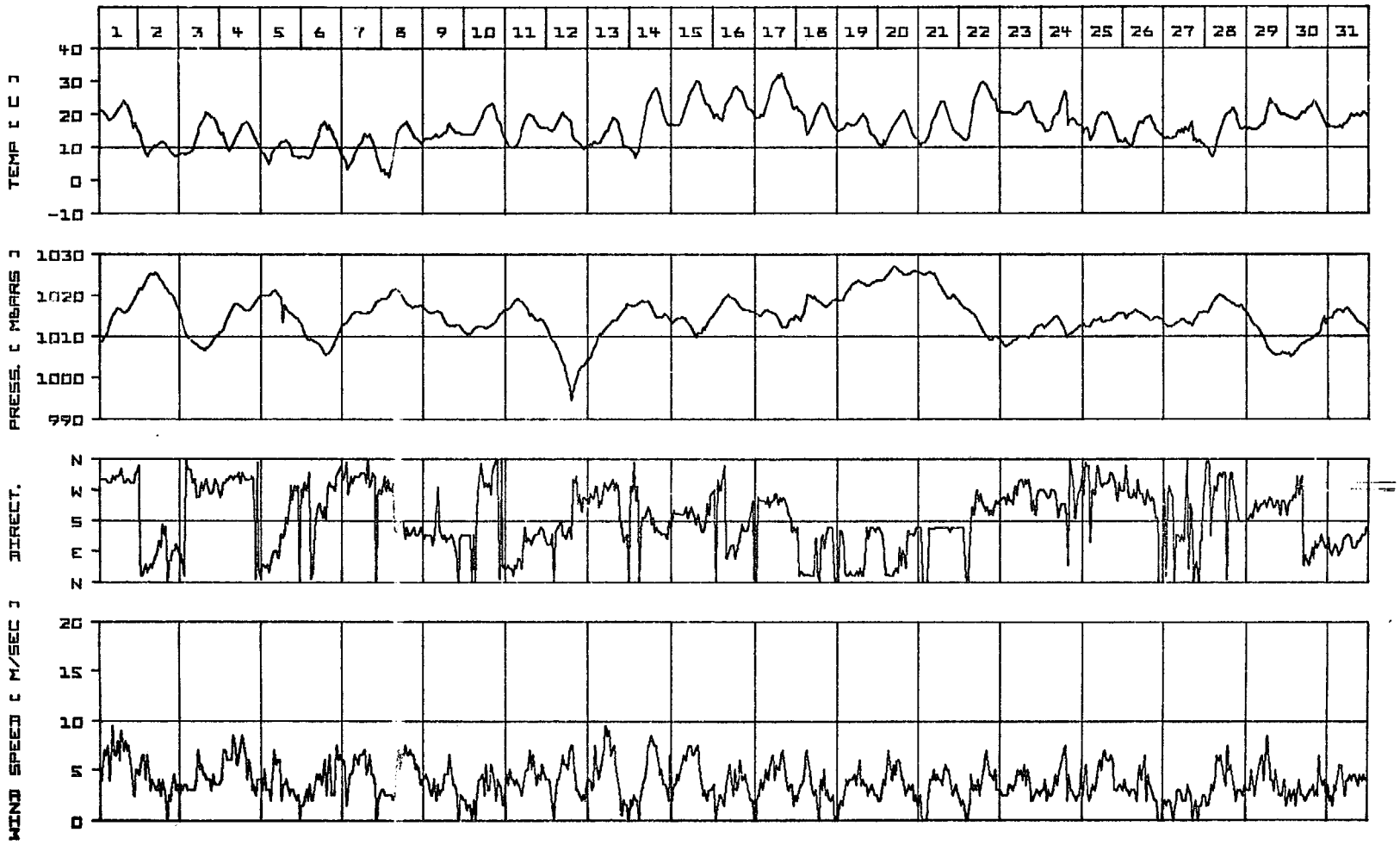

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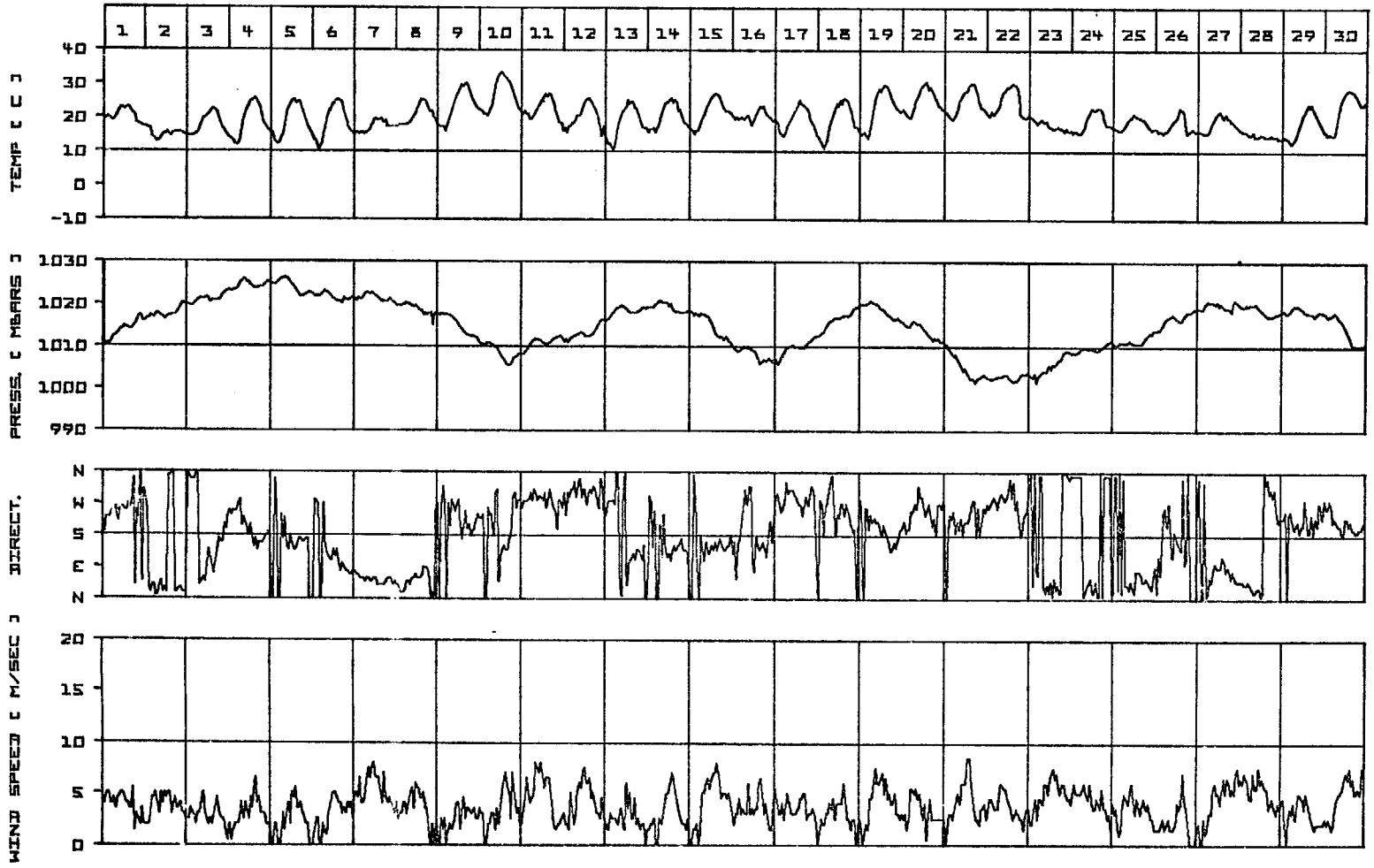

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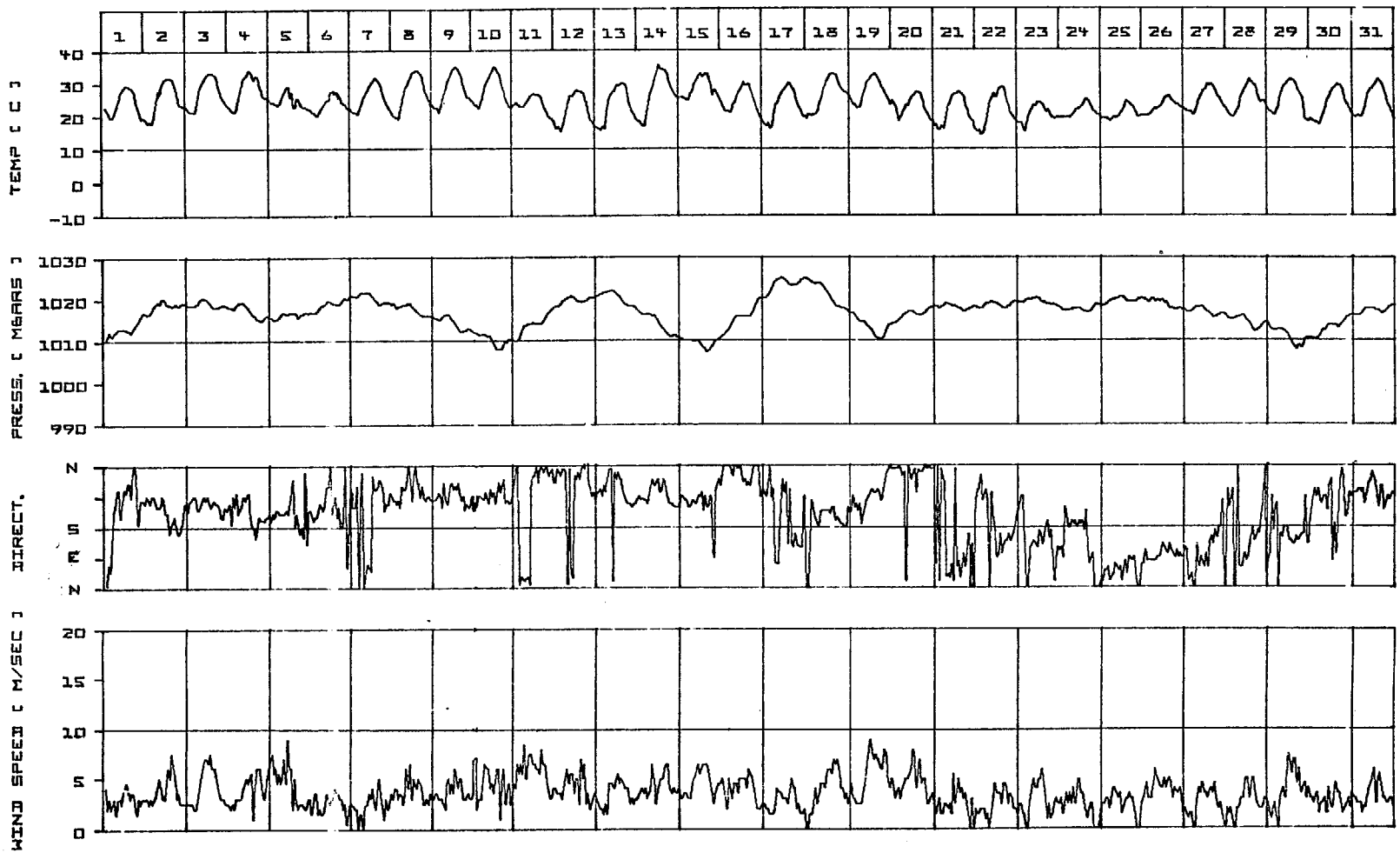
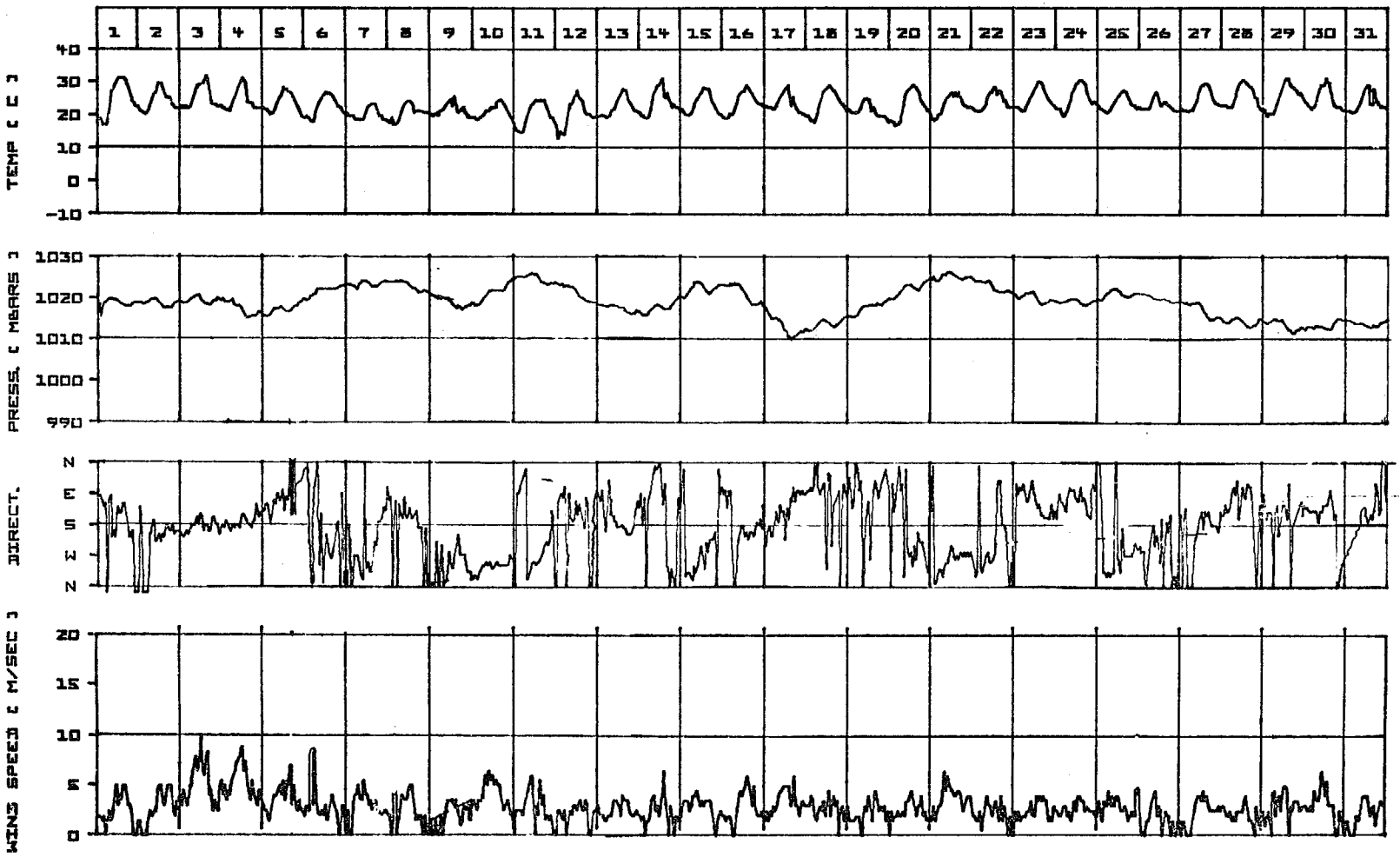
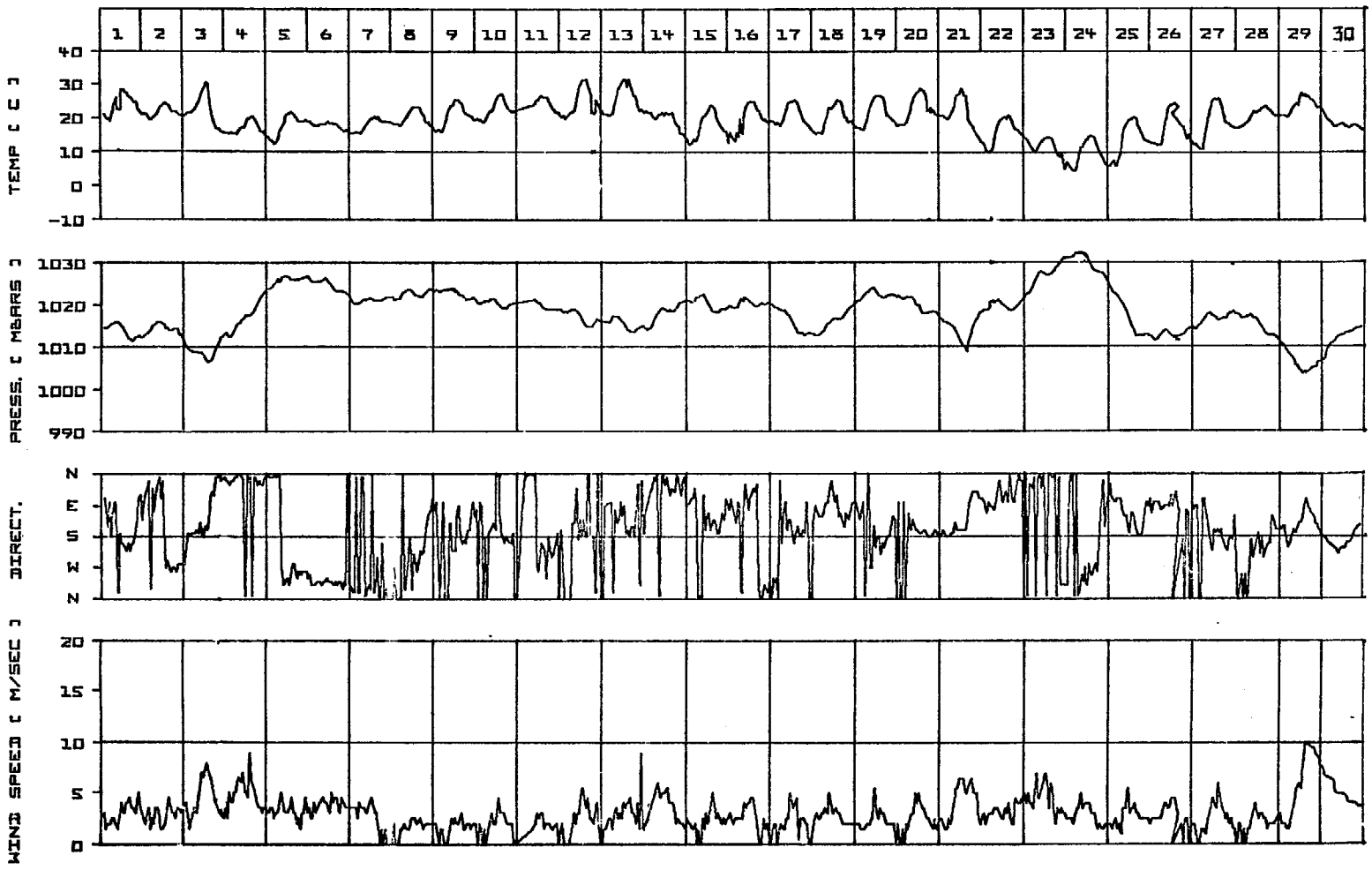


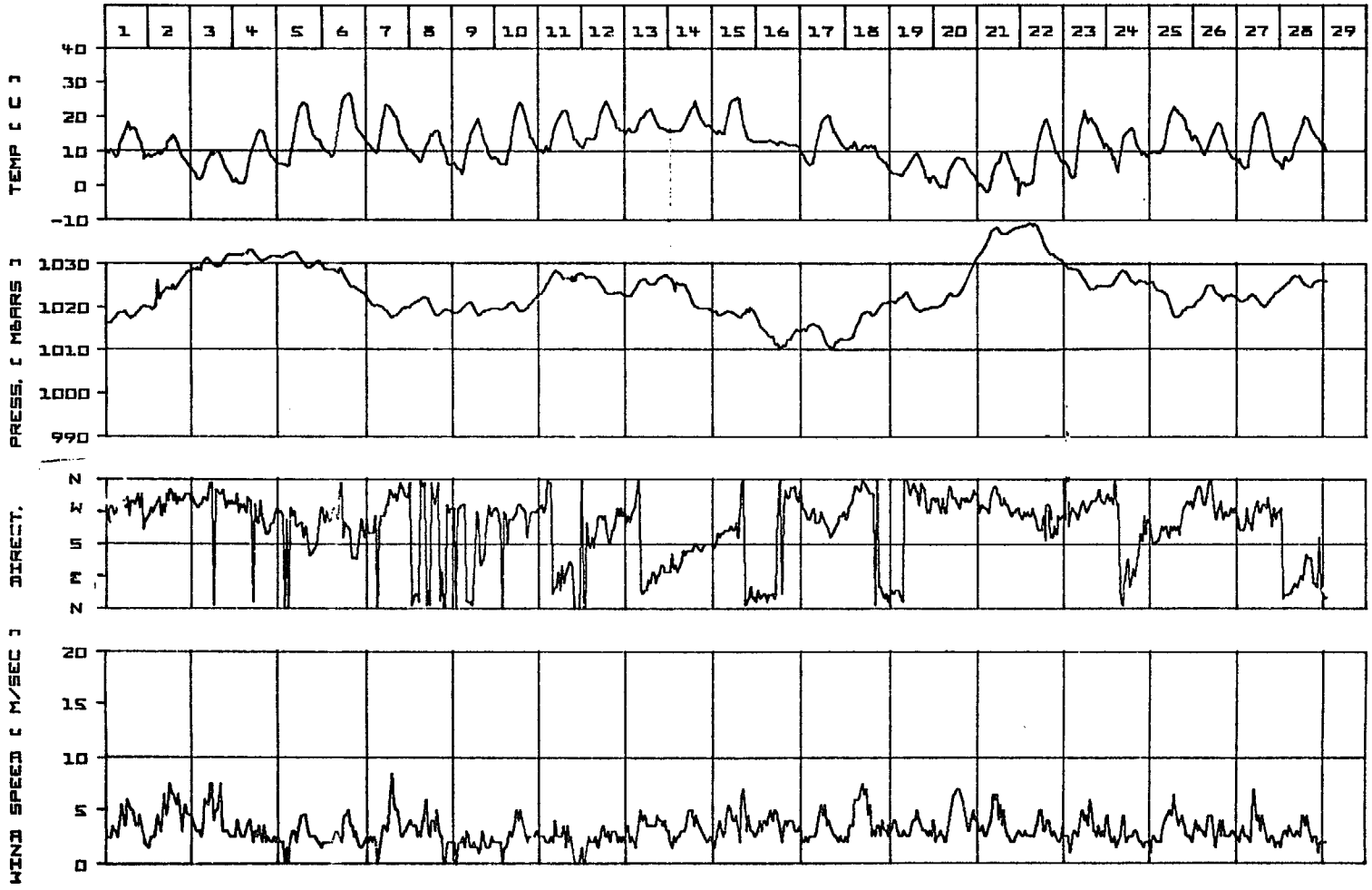
METEØRØLØGICAL DATA BALTIMØRE AUGUST [ 1974 ]



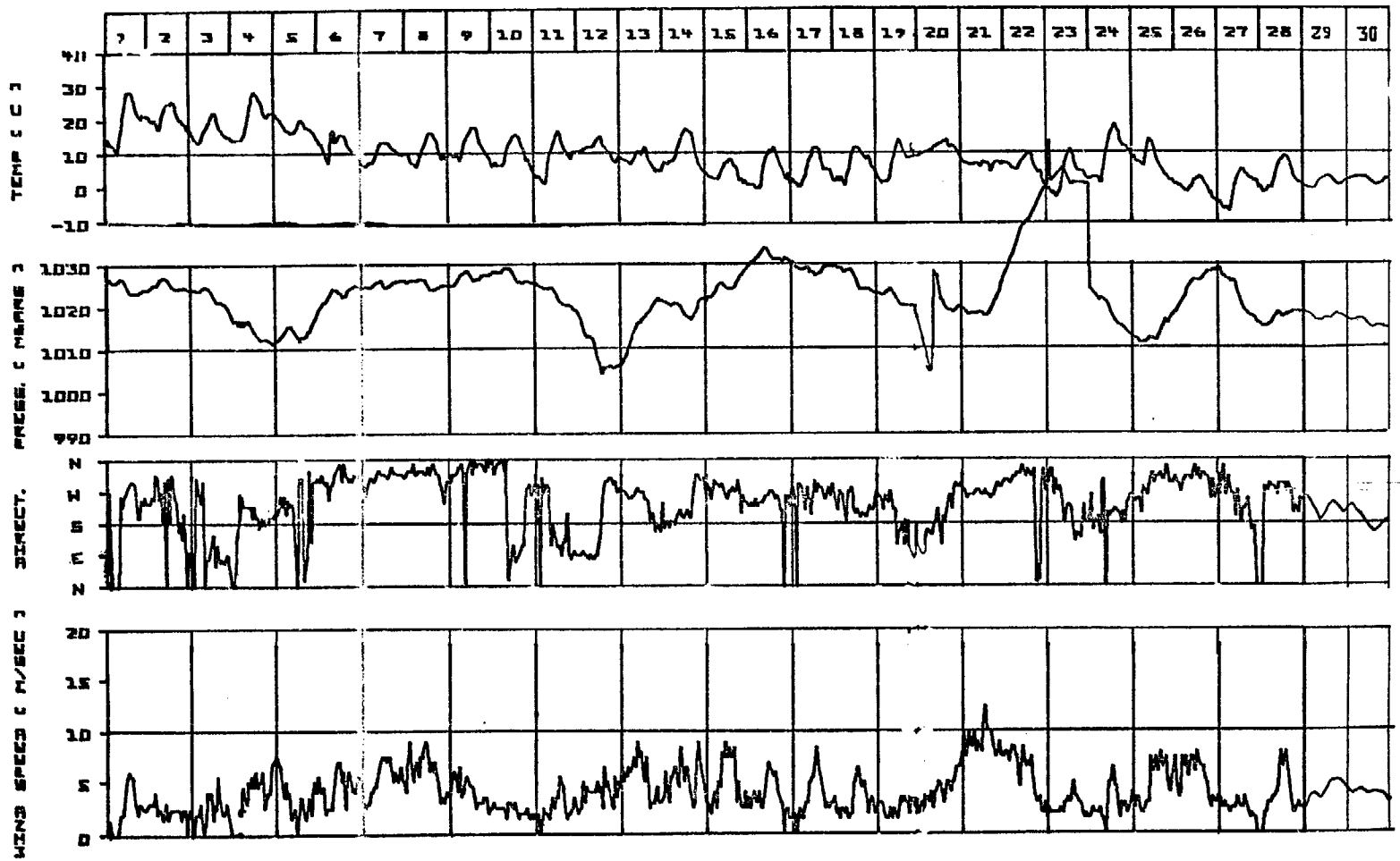
METEOROLOGICAL DATA BALTIMORE SEPTEMBER [ 1974 ]



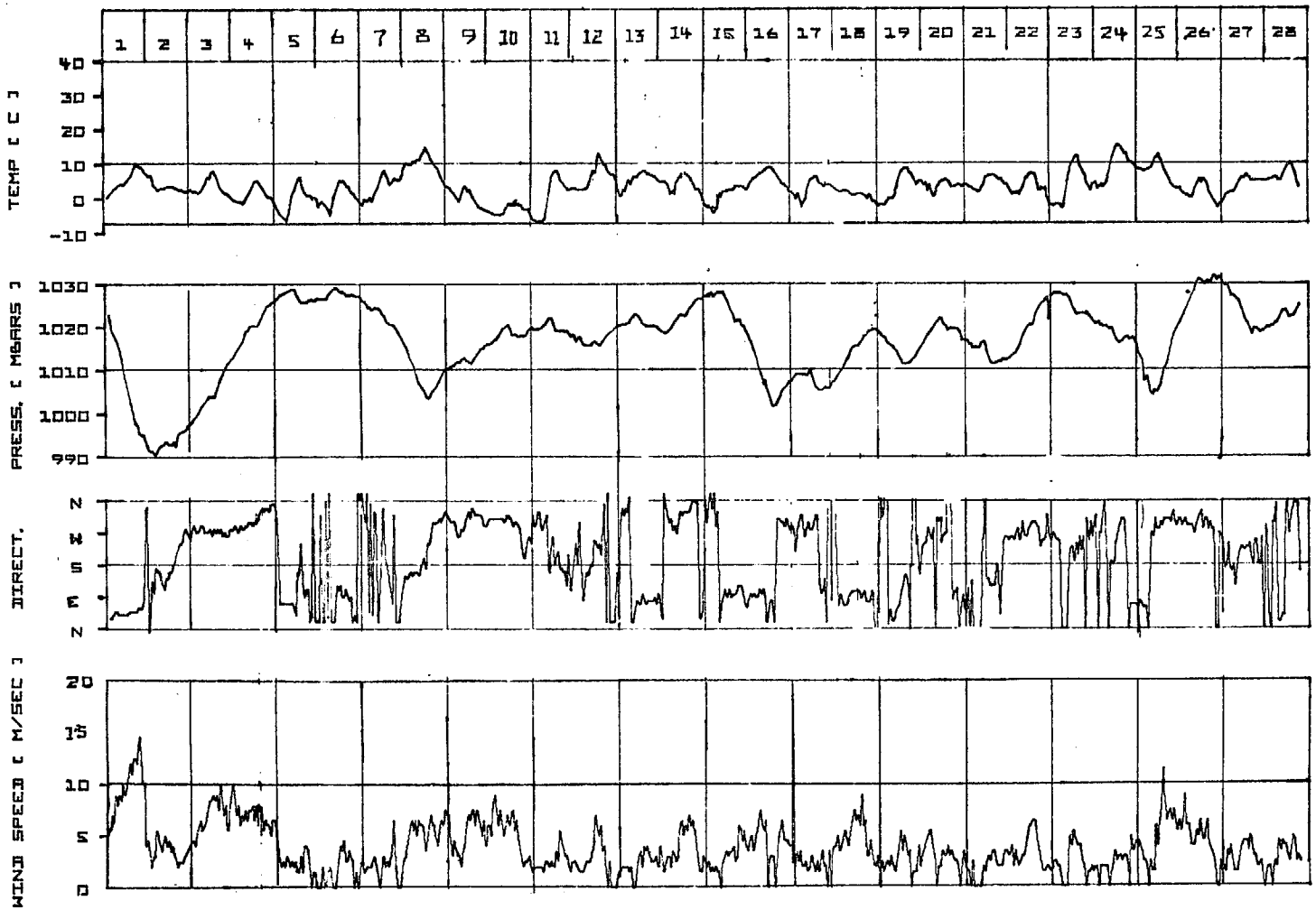
METEOROLOGICAL DATA BALTIMORE OCTOBER [ 1974 ]



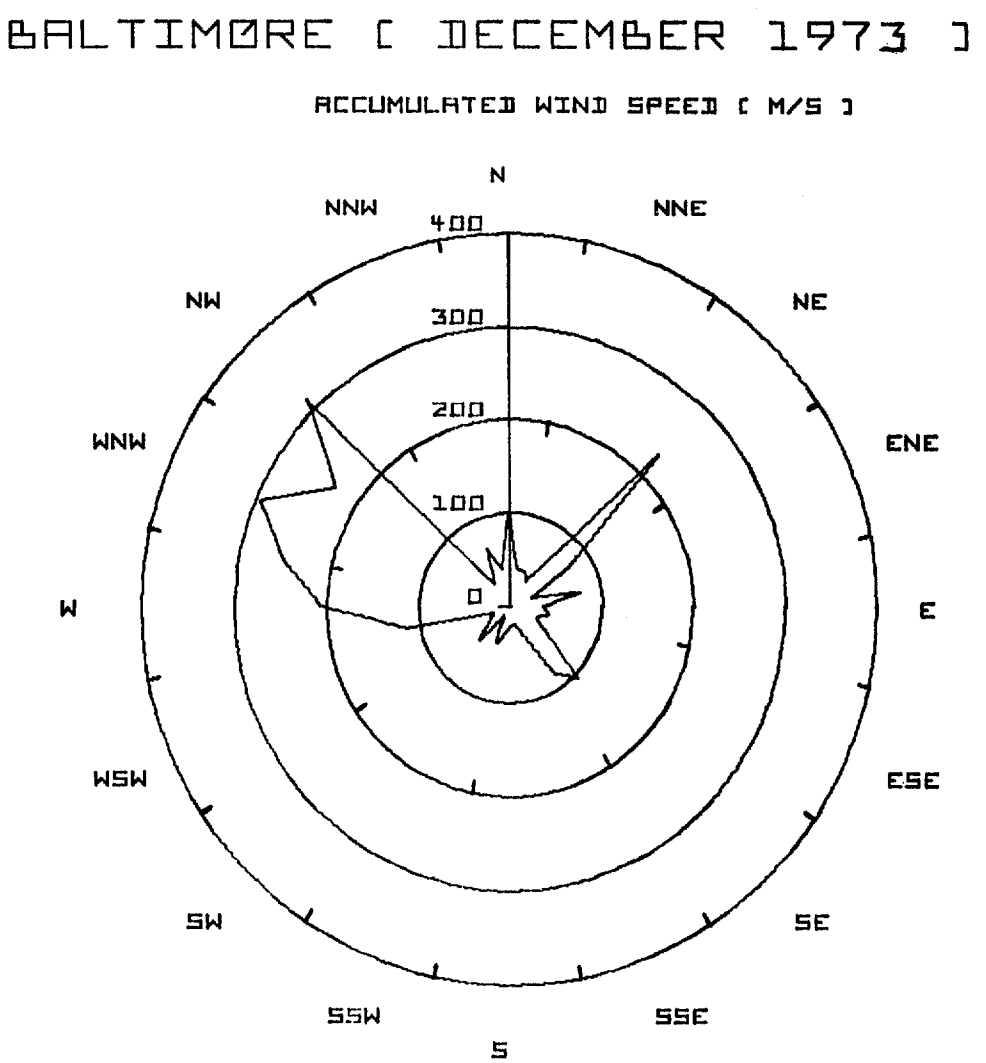
METEOROLOGICAL DATA BALTIMORE-NOVEMBER [ 1974 ]



METEOROLOGICAL DATA BALTIMORE DECEMBER [ 1974 ]

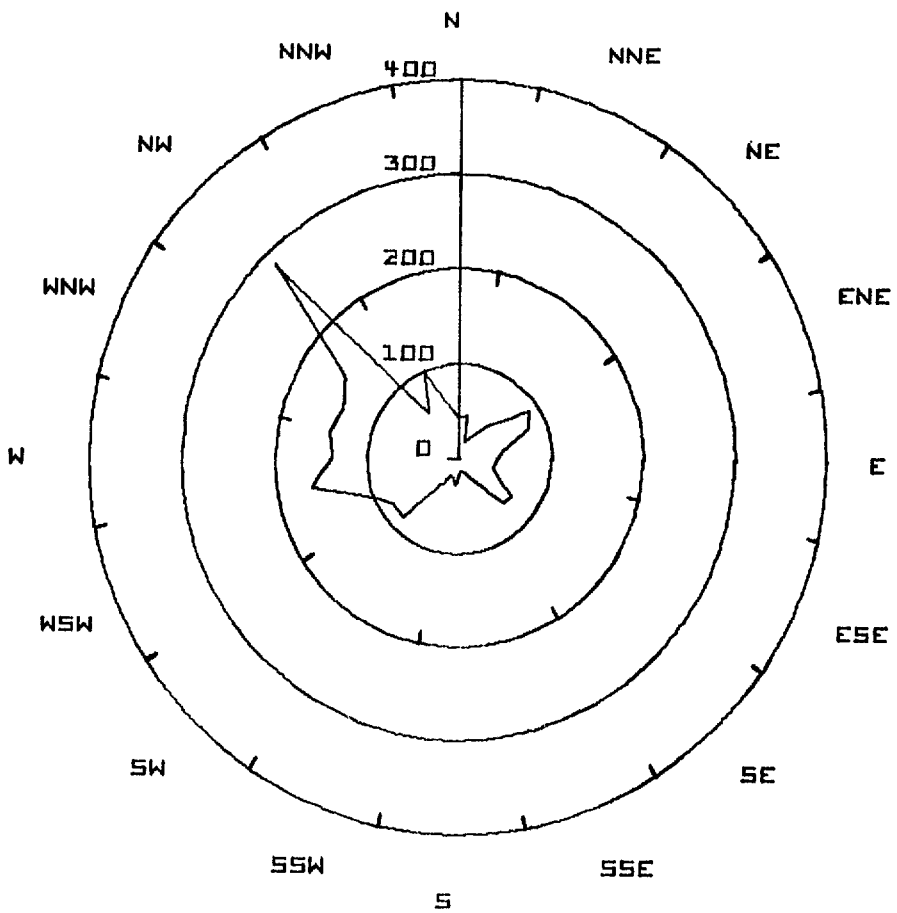


## 1.2 Monthly Wind Roses



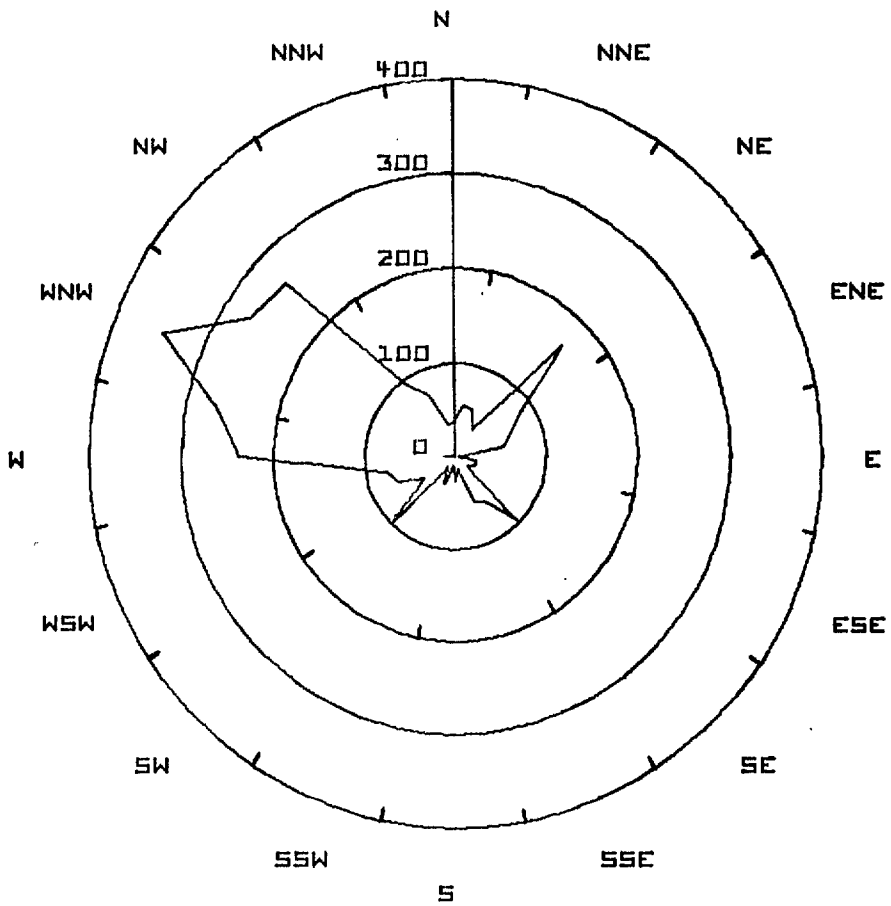
# BALTIMORE [ JANUARY 1974 ]

ACCUMULATED WIND SPEED [ M/S ]



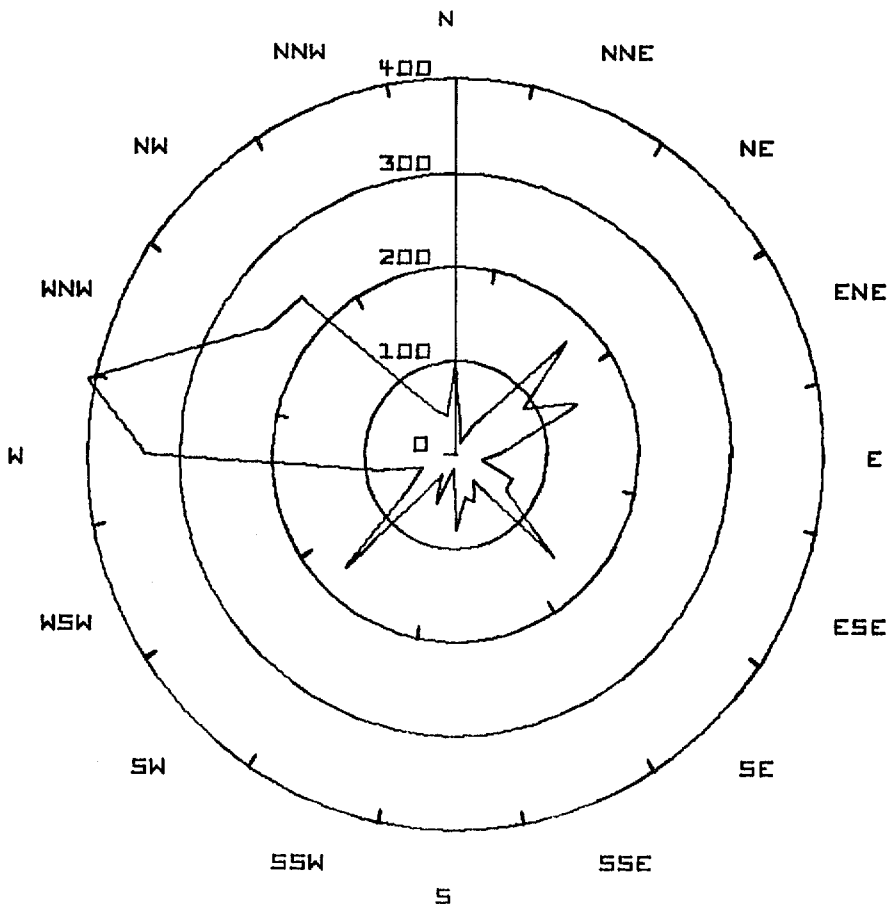
# BALTIMORE [ FEBRUARY 1974 ]

ACCUMULATED WIND SPEED [ M/S ]



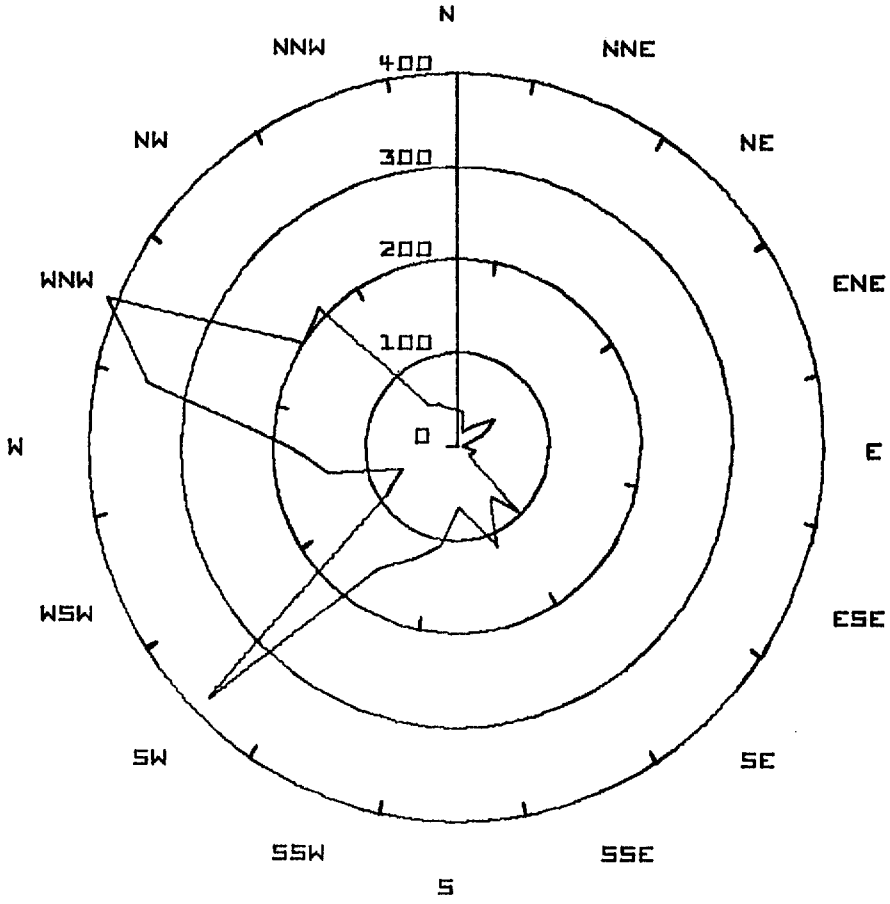
# BALTIMORE [ MARCH 1974 ]

ACCUMULATED WIND SPEED [ M/S ]



# BALTIMORE [ APRIL 1974 ]

ACCUMULATED WIND SPEED [ M/S ]



# BALTIMORE [ MAY 1974 ]

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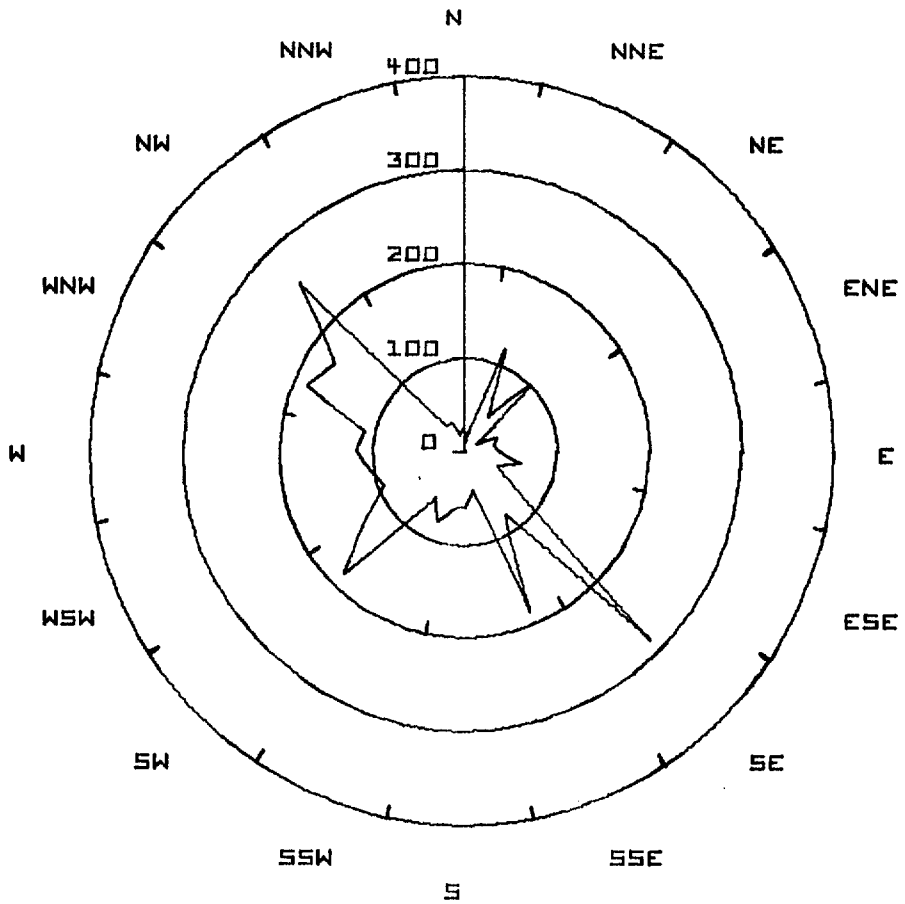
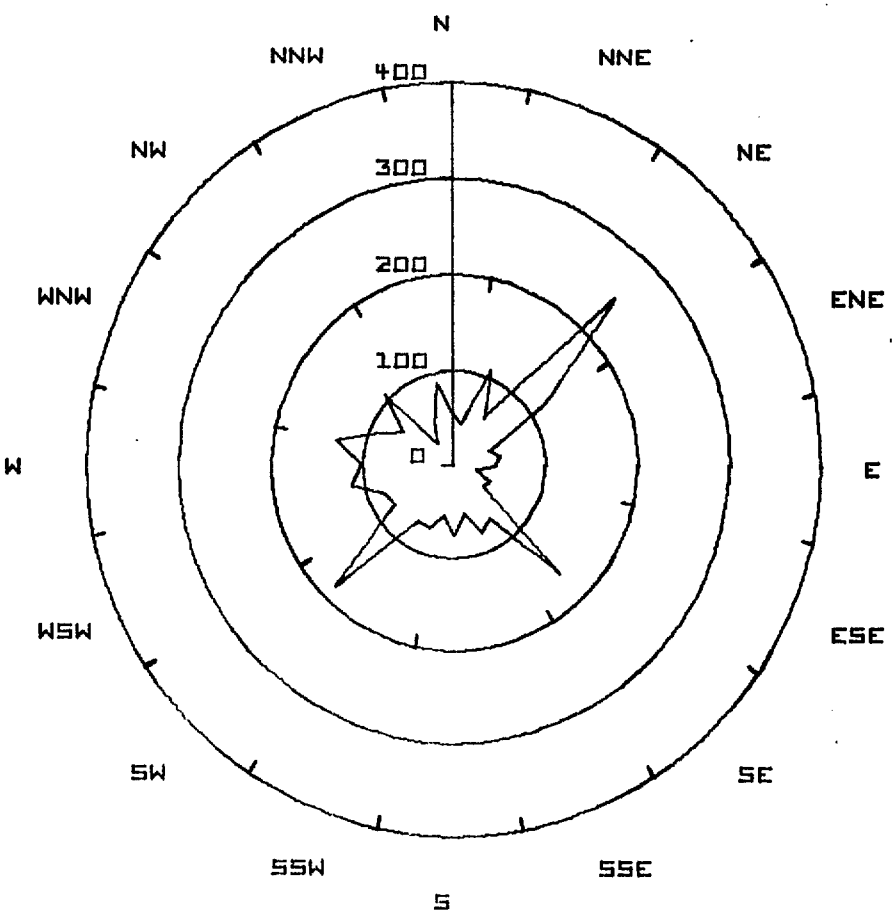


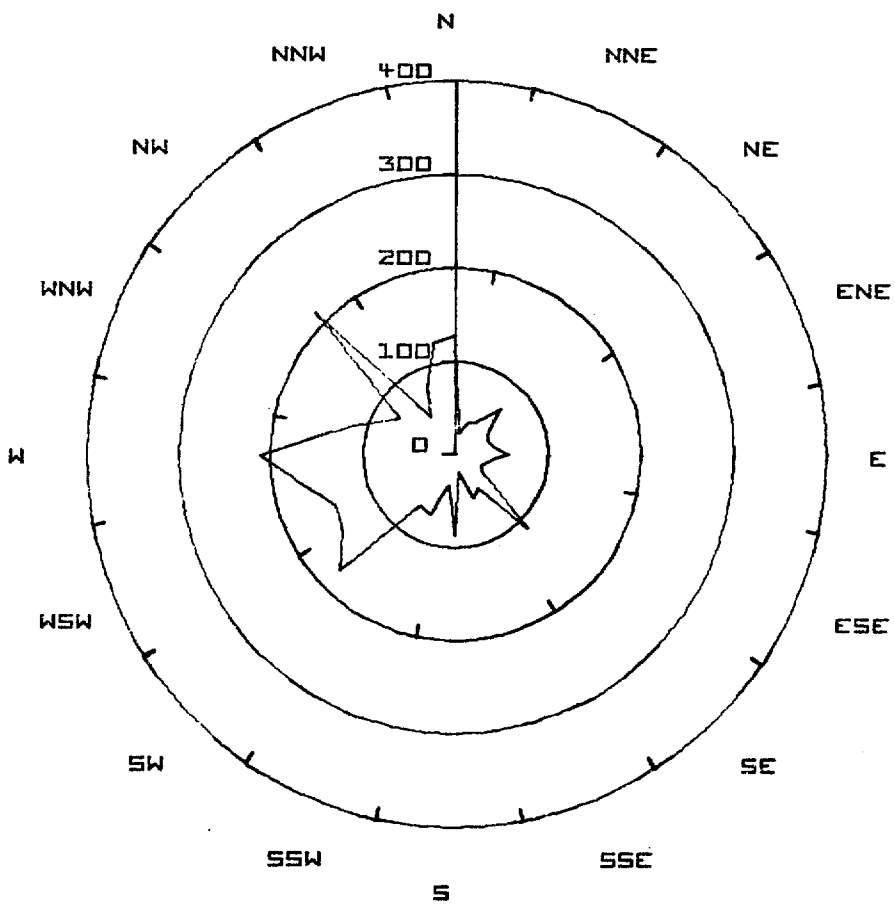
# BALTIMORE [ JUNE 1974 ]

ACCUMULATED WIND SPEED [ M/S ]



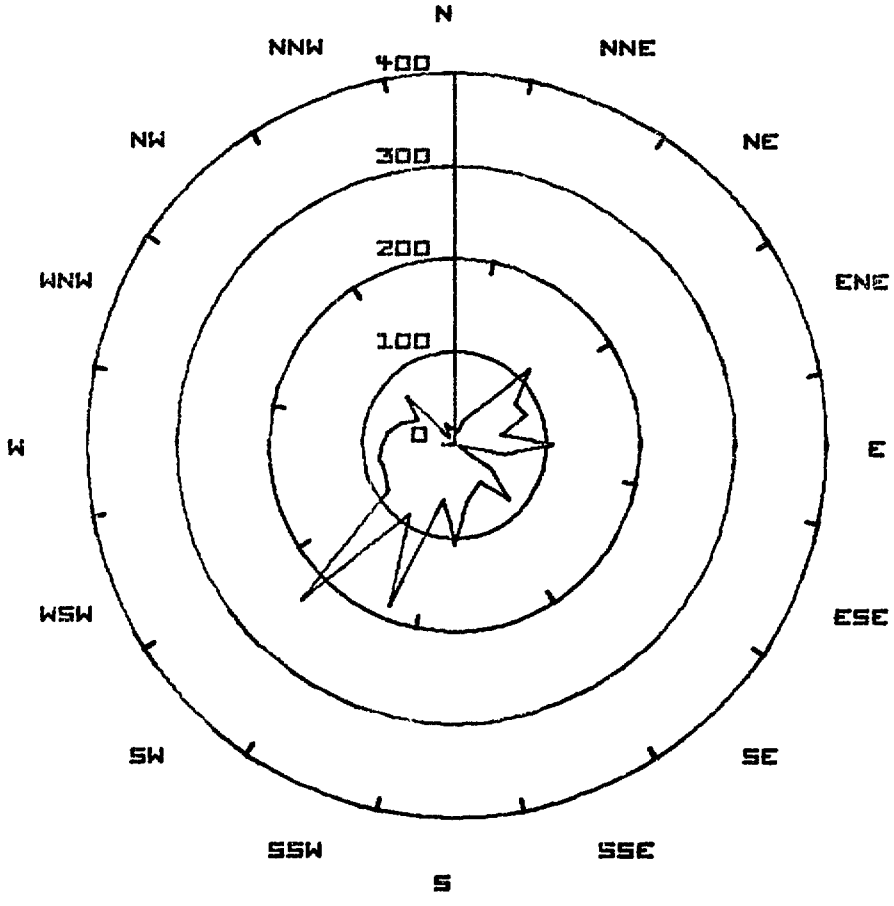
# BALTIMORE [ JULY 1974 ]

ACCUMULATED WIND SPEED [ M/S ]



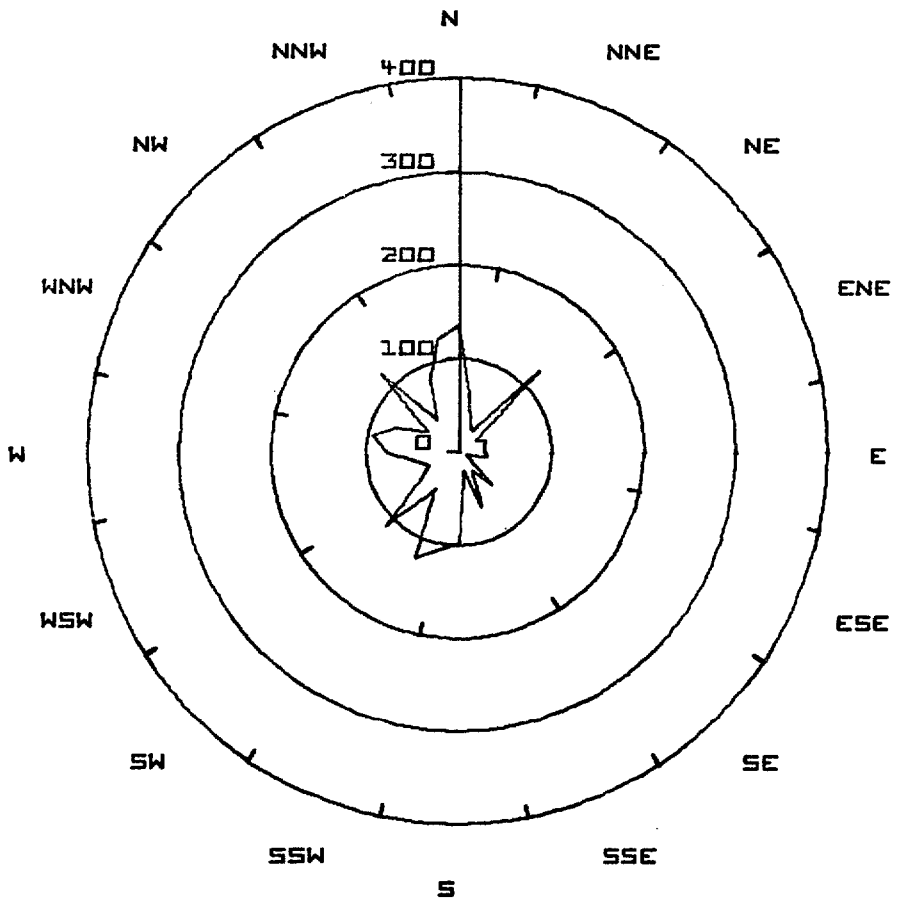
# BALTIMORE AUGUST [ 1974 ]

ACCUMULATED WIND SPEED [ M/S ]



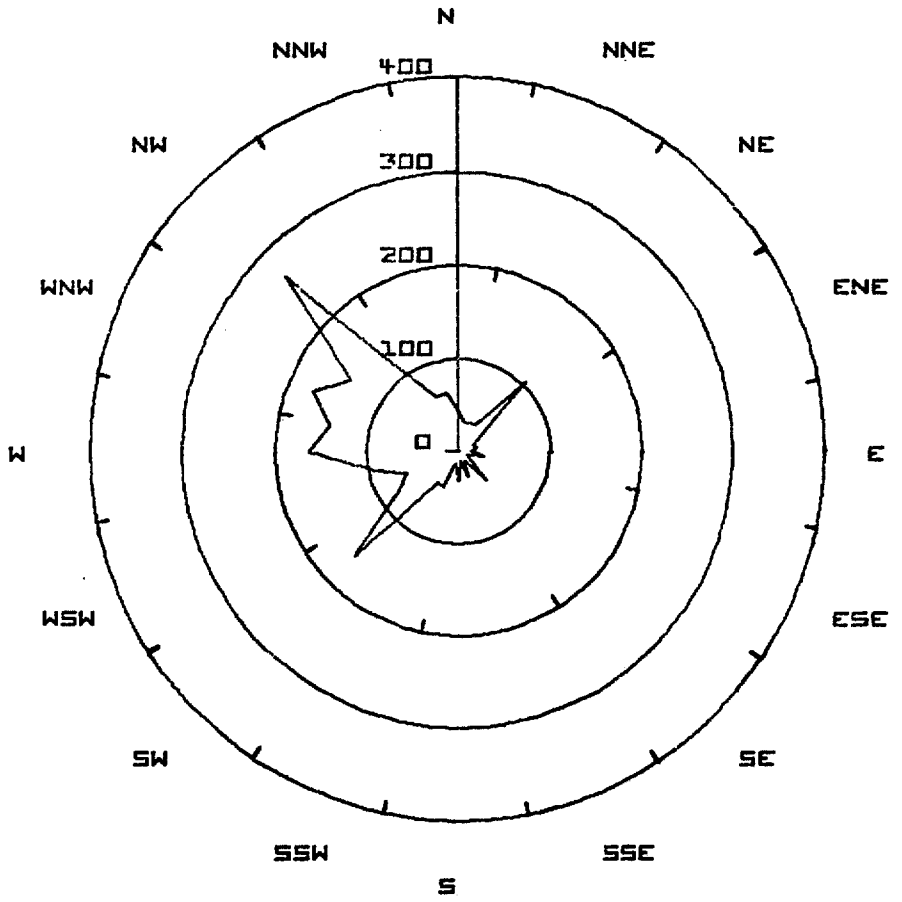
# BALTIMORE SEPTEMBER [ 1974 ]

ACCUMULATED WIND SPEED [ M/S ]



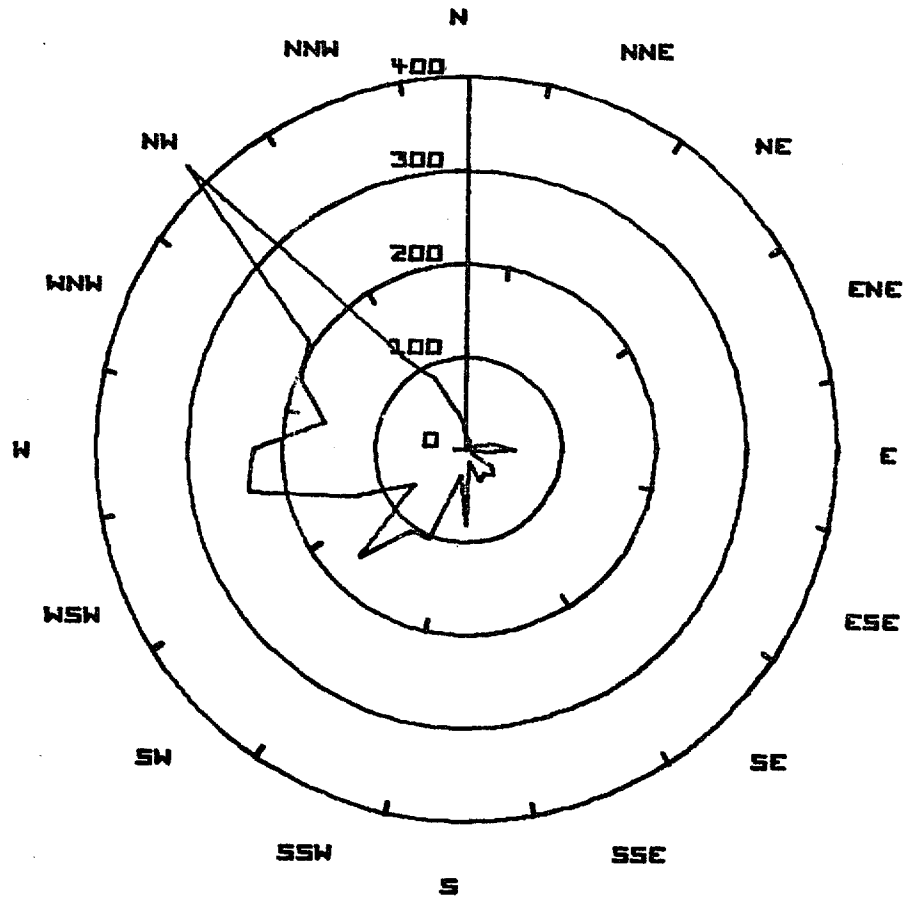
# BALTIMORE OCTOBER [ 1974 ]

ACCUMULATED WIND SPEED [ M/S ]



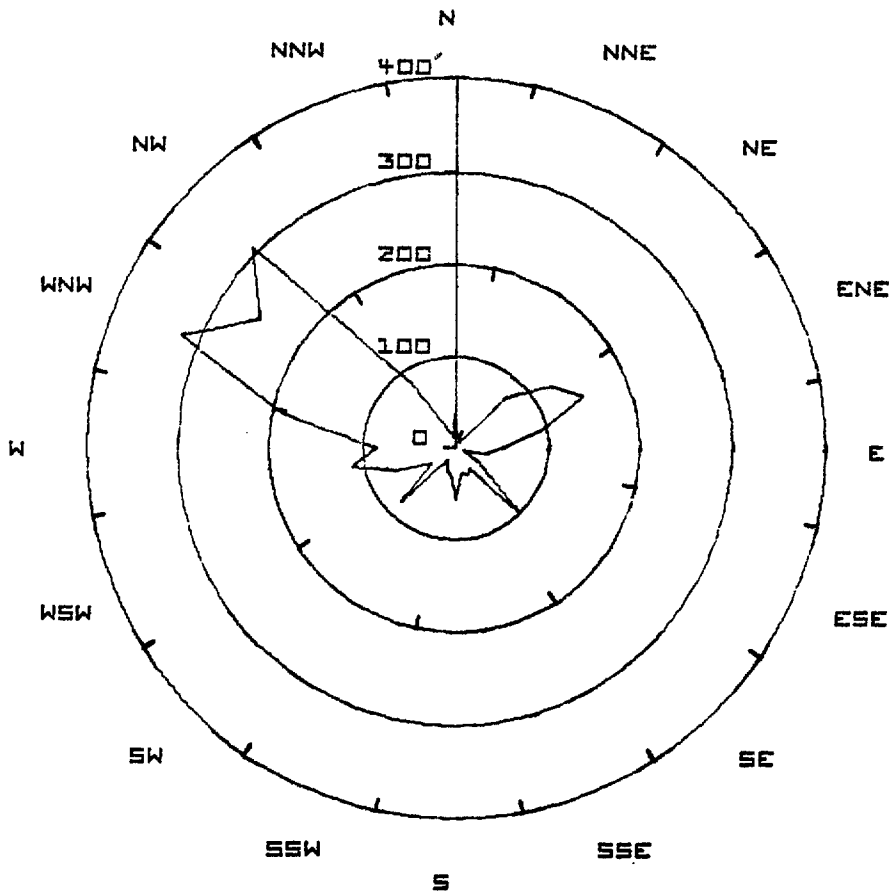
# BALTIMORE NOVEMBER [ 1974 ]

ACCUMULATED WIND SPEED [ M/S ]

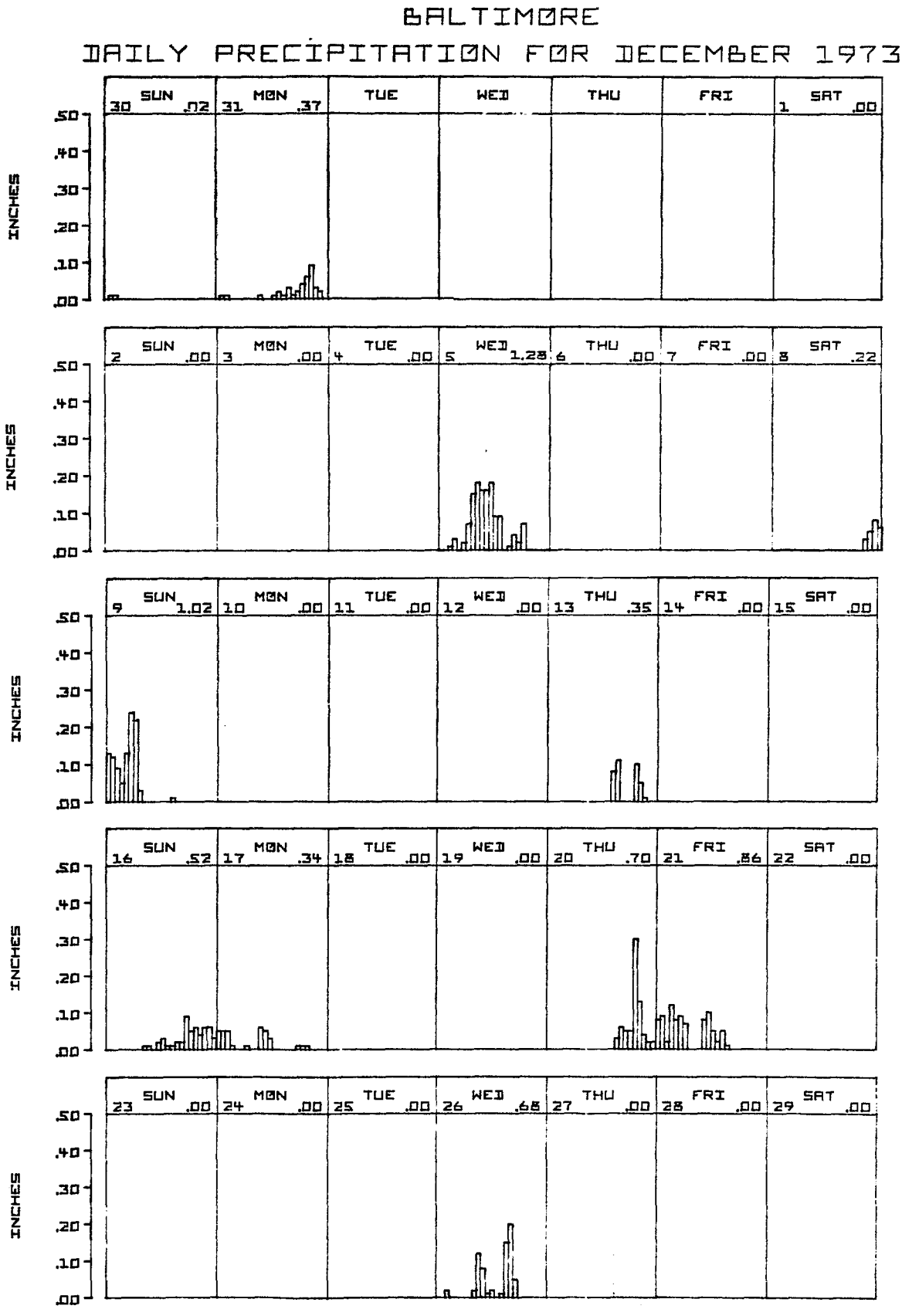


BALTIMORE DECEMBER [ 1974 ]

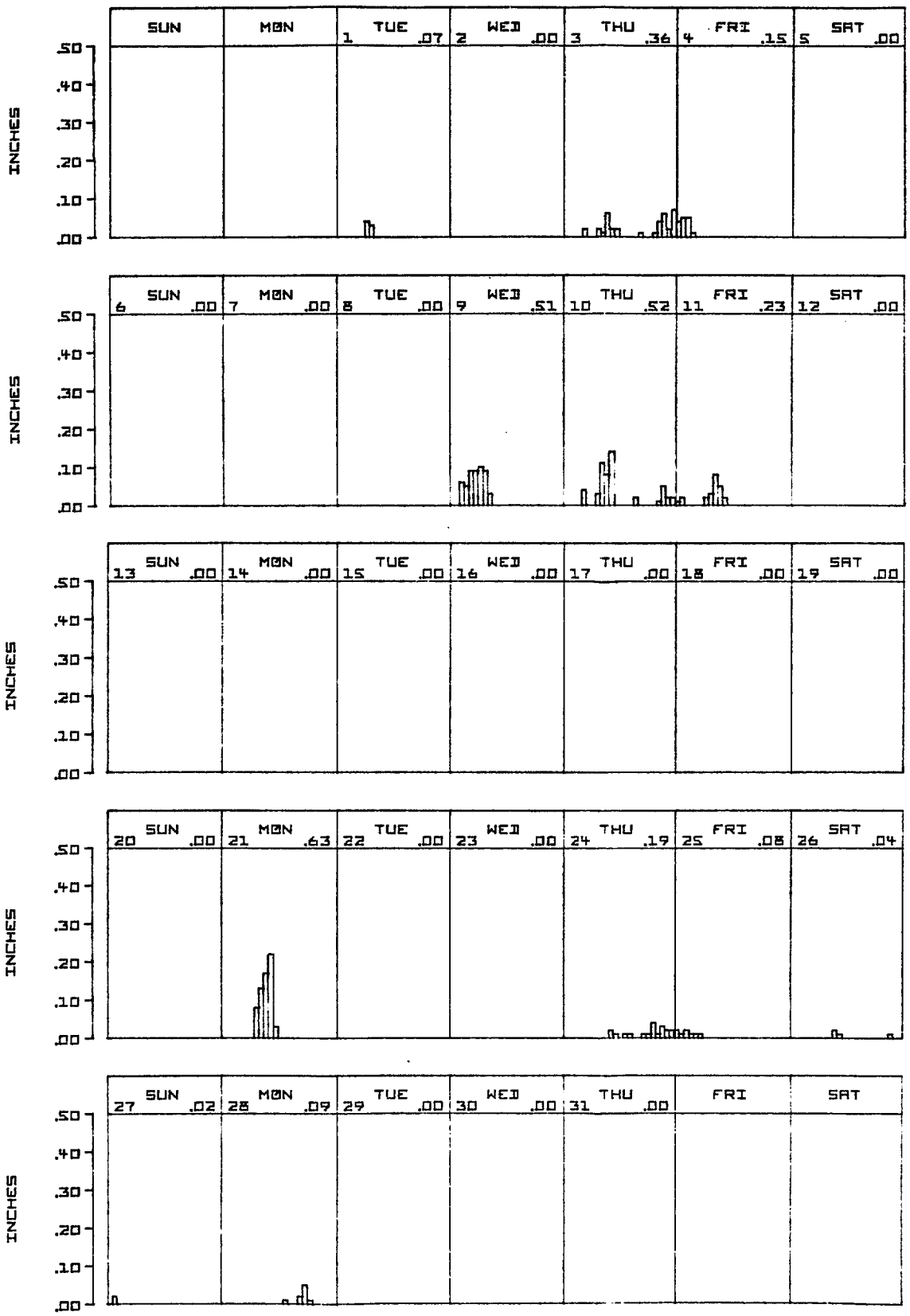
ACCUMULATED WIND SPEED [ M/S ]



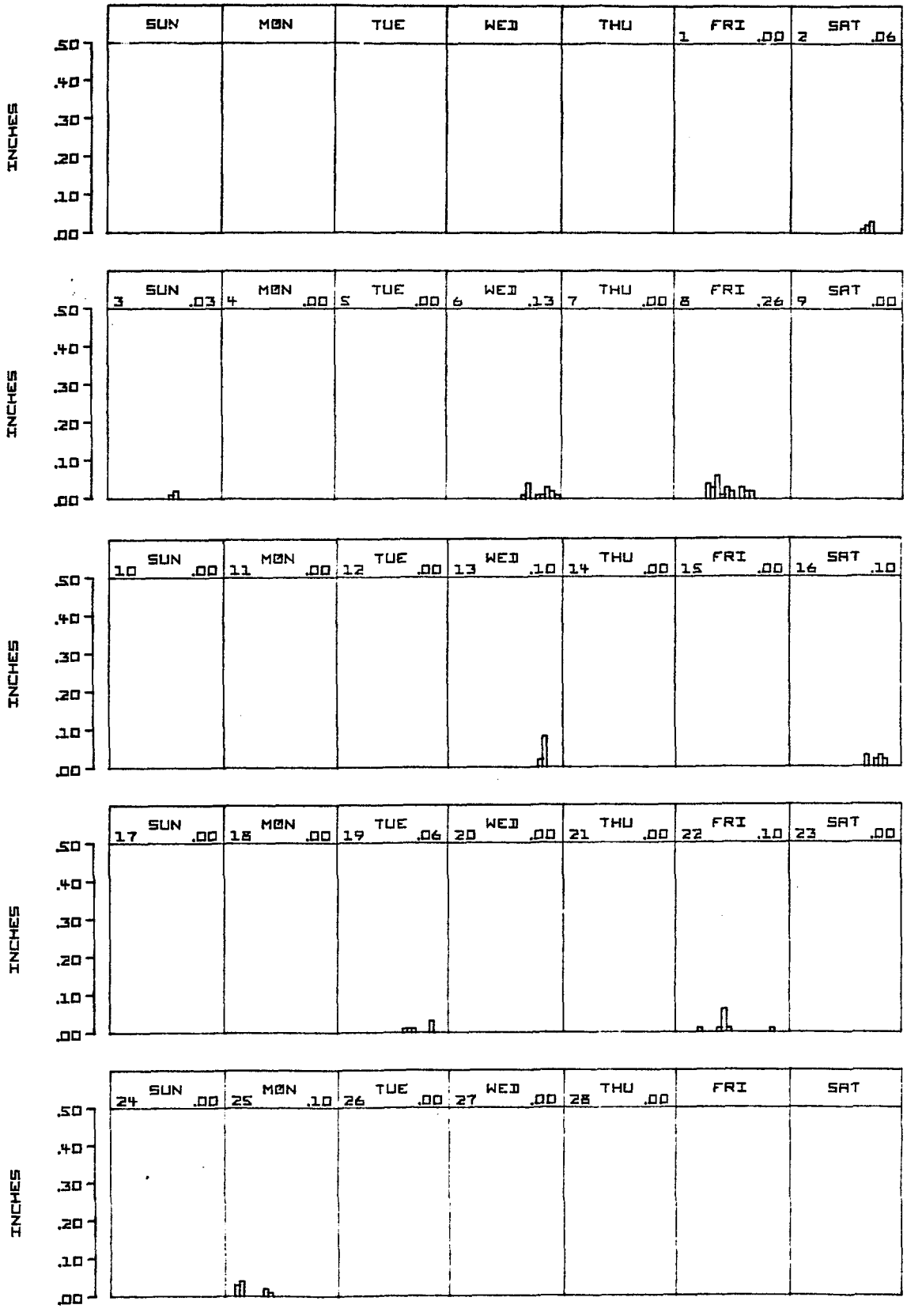
## 1.3 Daily Precipitation



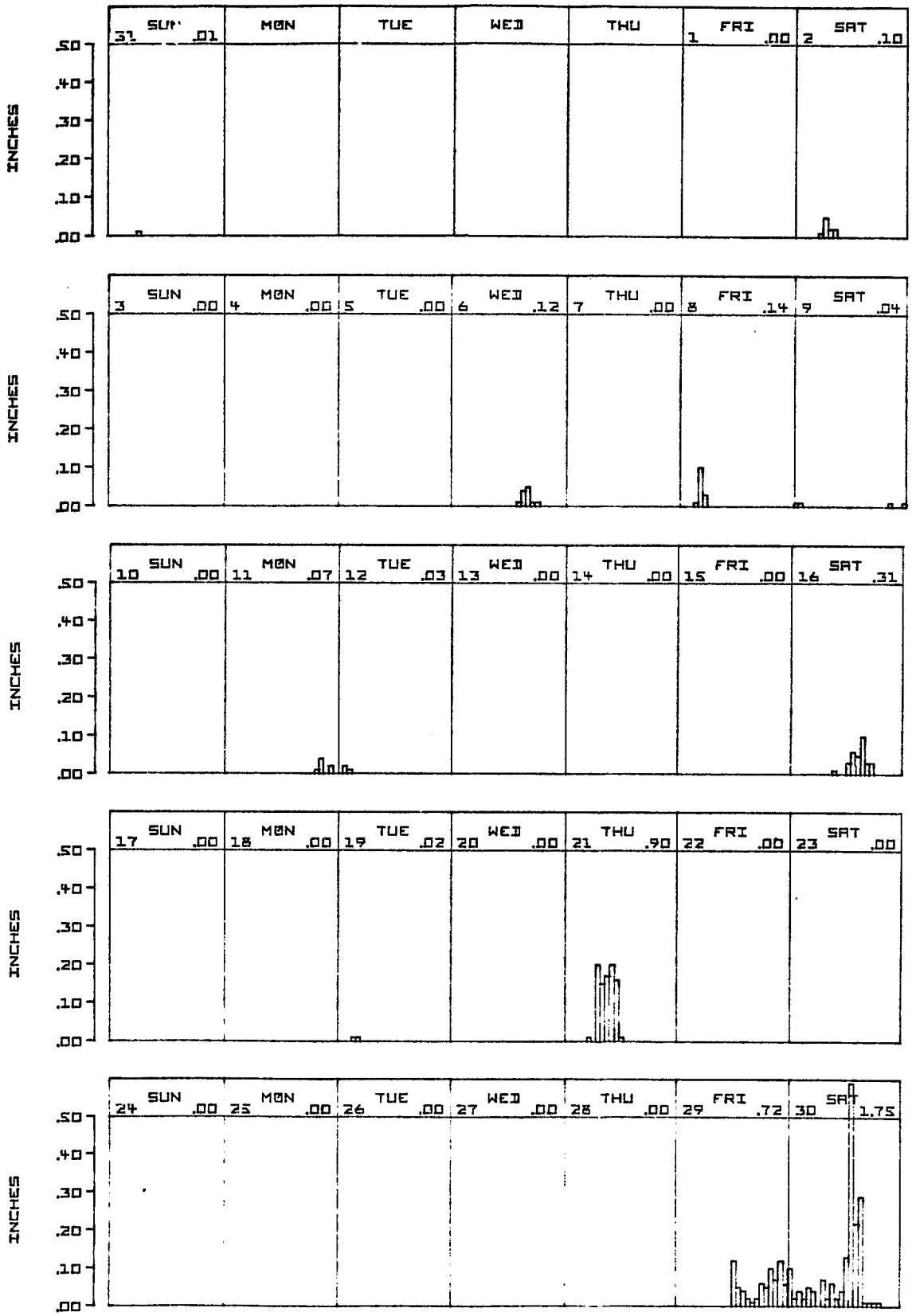
# BALTIMORE
## DAILY PRECIPITATION FOR JANUARY 1974



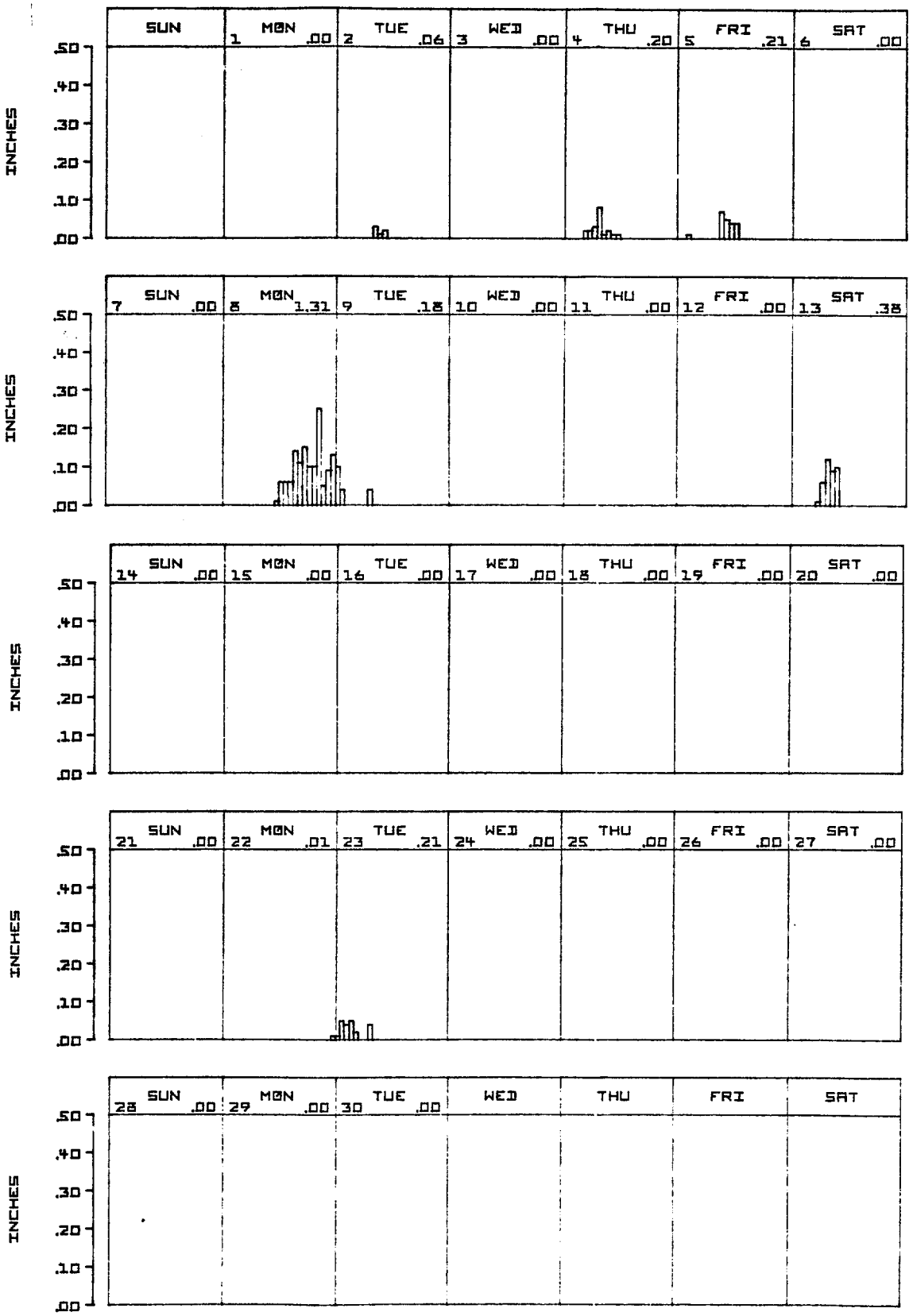
# BALTIMORE
## DAILY PRECIPITATION FOR FEBRUARY 1974



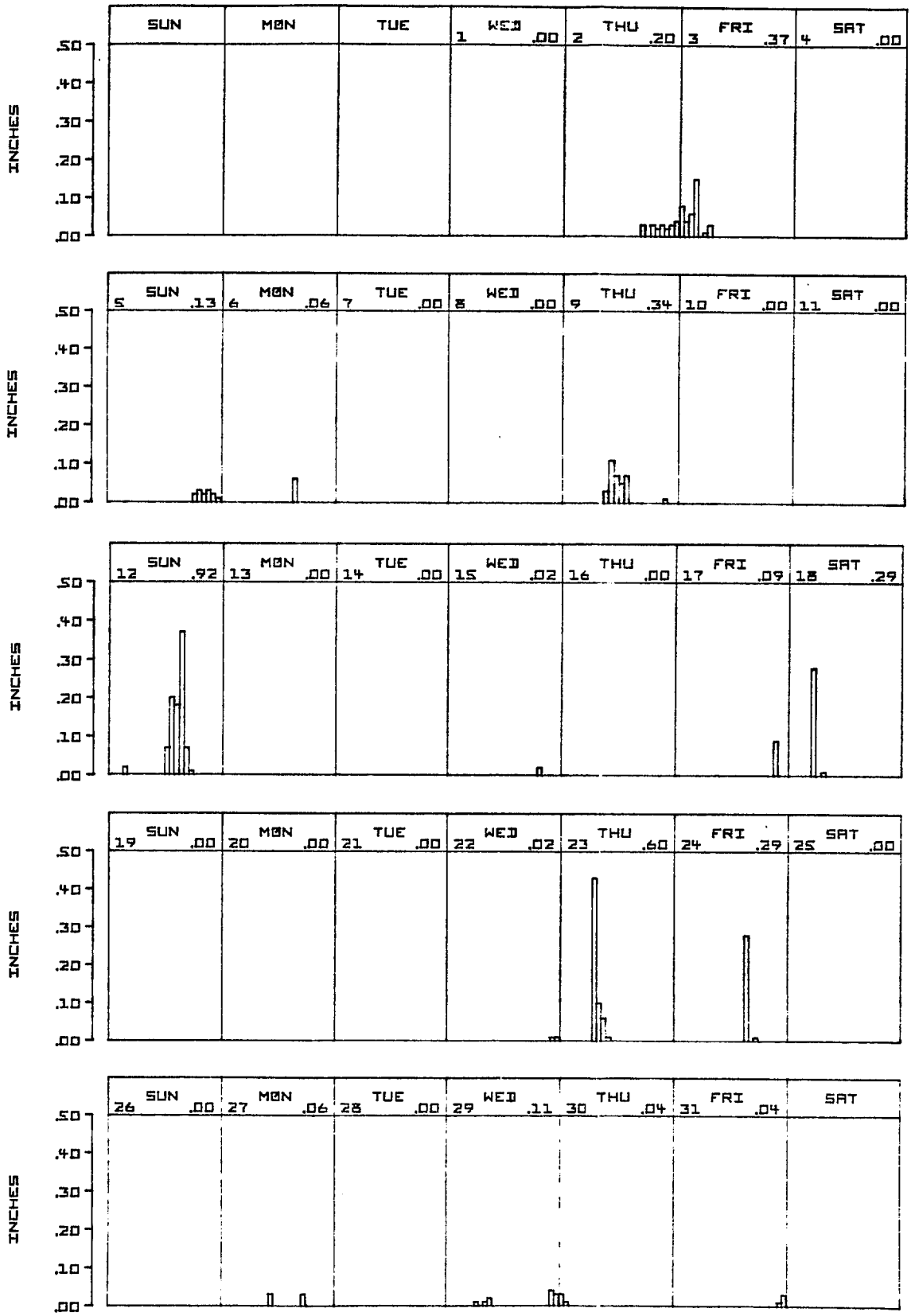
# BALTIMORE
## DAILY PRECIPITATION FOR MARCH 1974



# BALTIMORE
## DAILY PRECIPITATION FOR APRIL 1974



# BALTIMORE
# DAILY PRECIPITATION FOR MAY 1974



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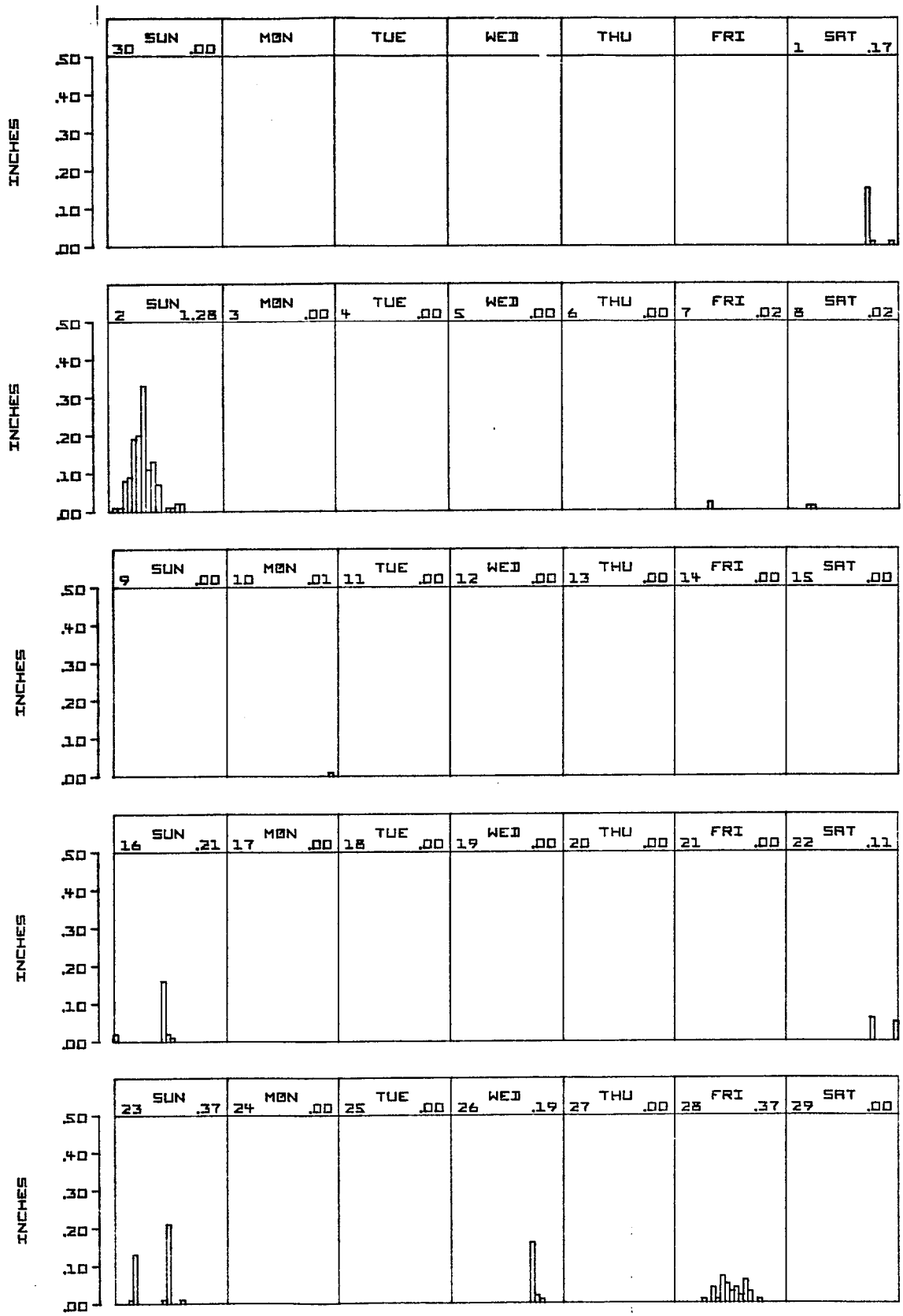
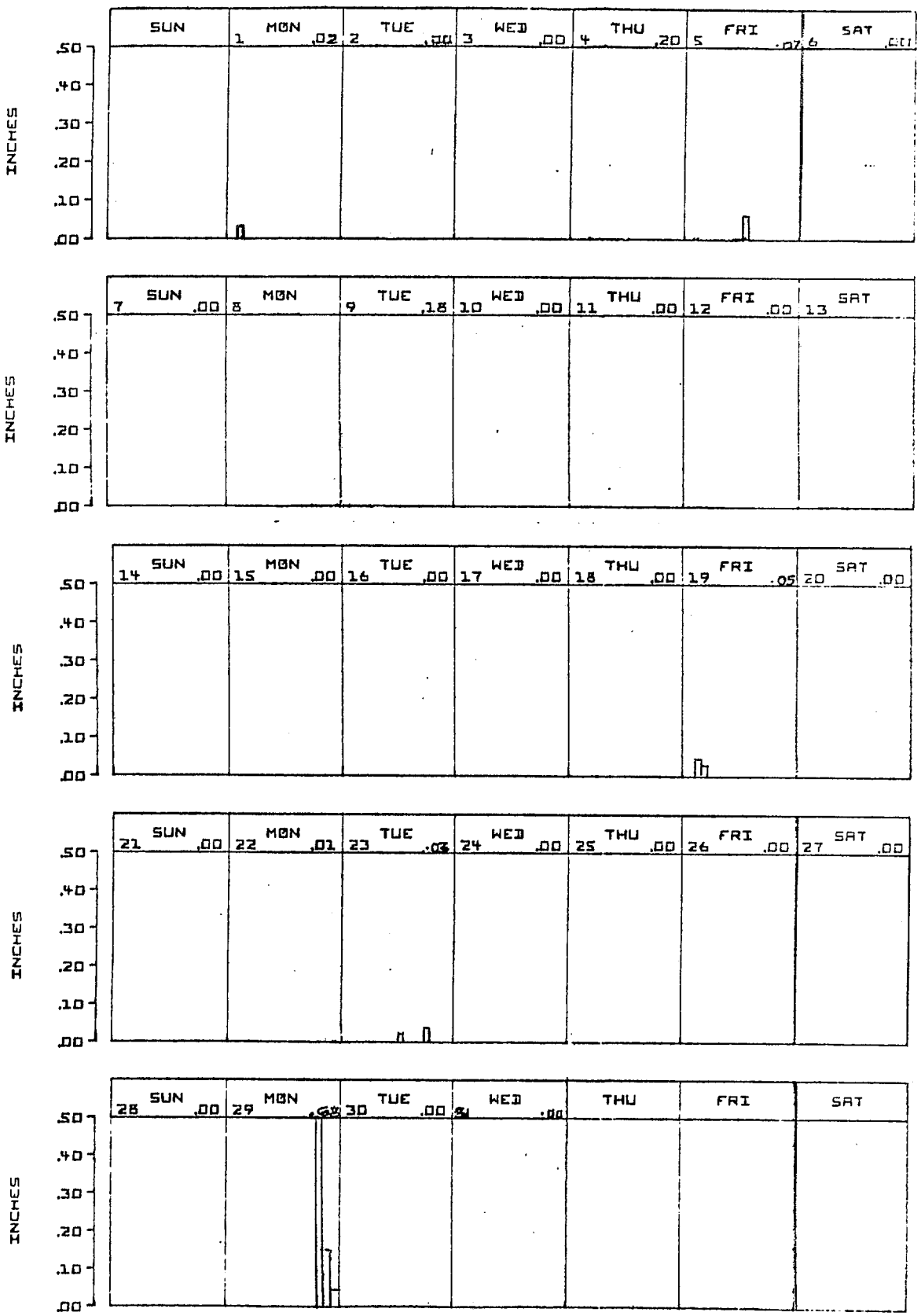
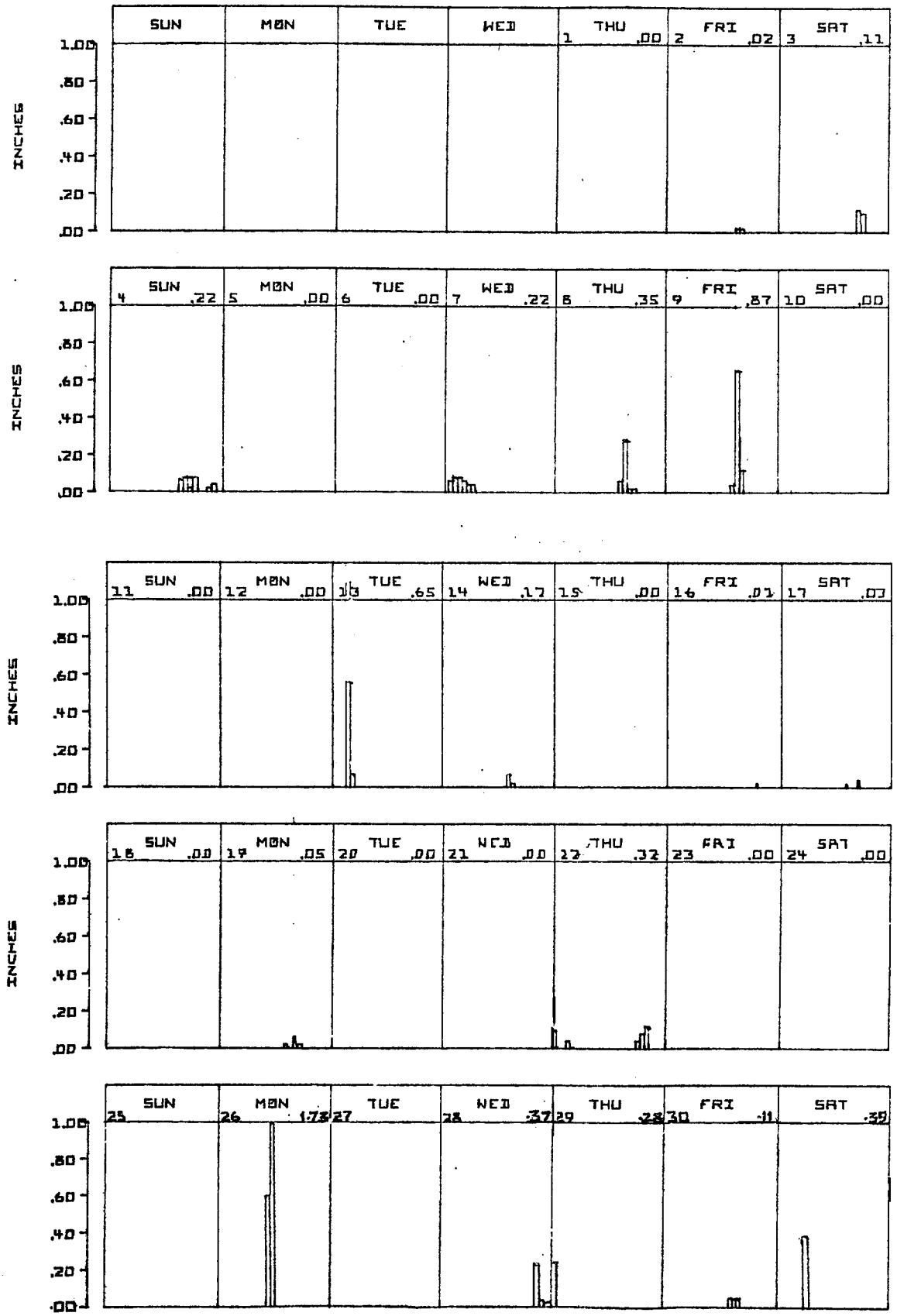


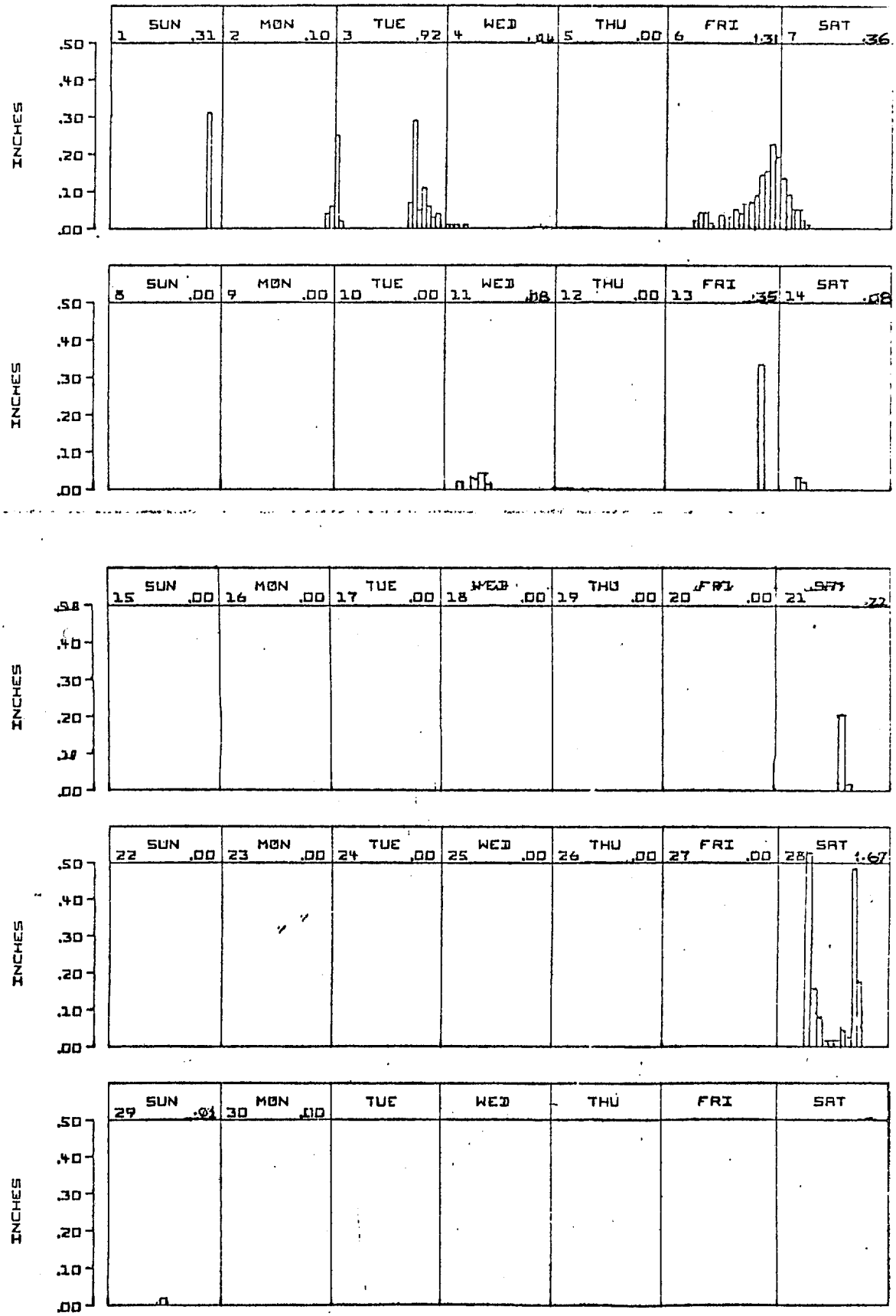
# BALTIMORE
## DAILY PRECIPITATION FOR JULY 1974



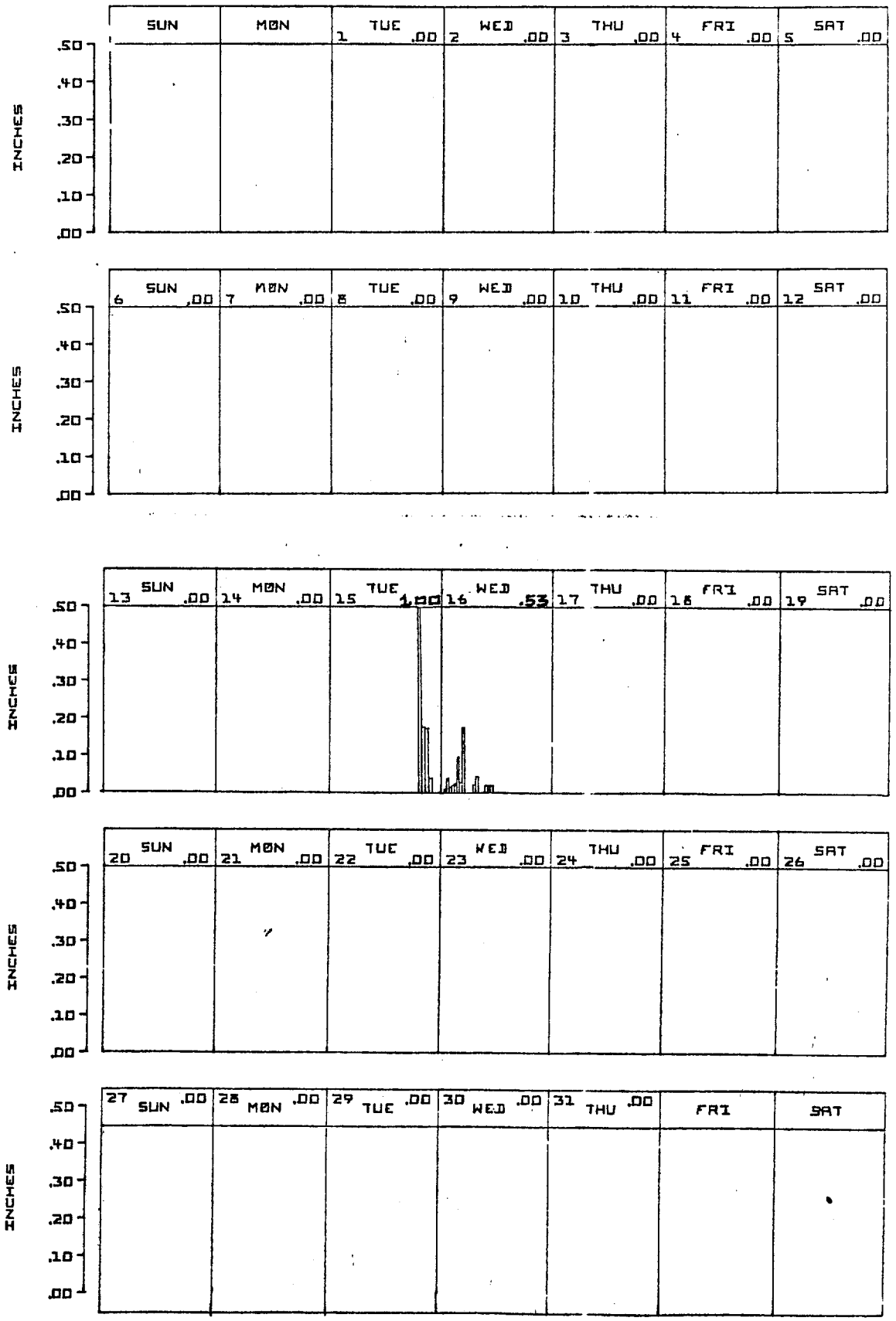
# BALTIMORE
# PRECIPITATION FOR AUGUST 1974



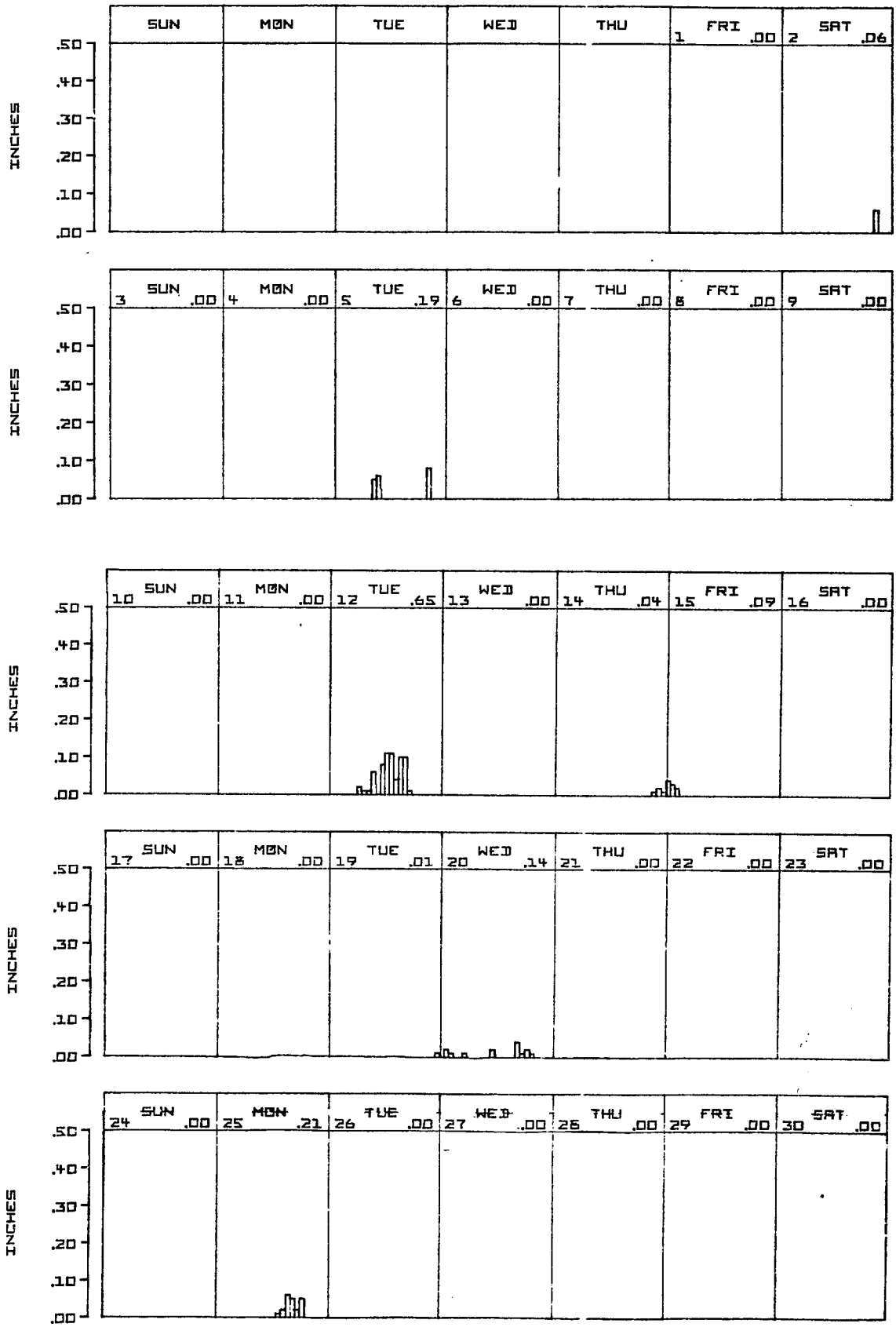
# BALTIMORE
## PRECIPITATION FOR SEPTEMBER 1974



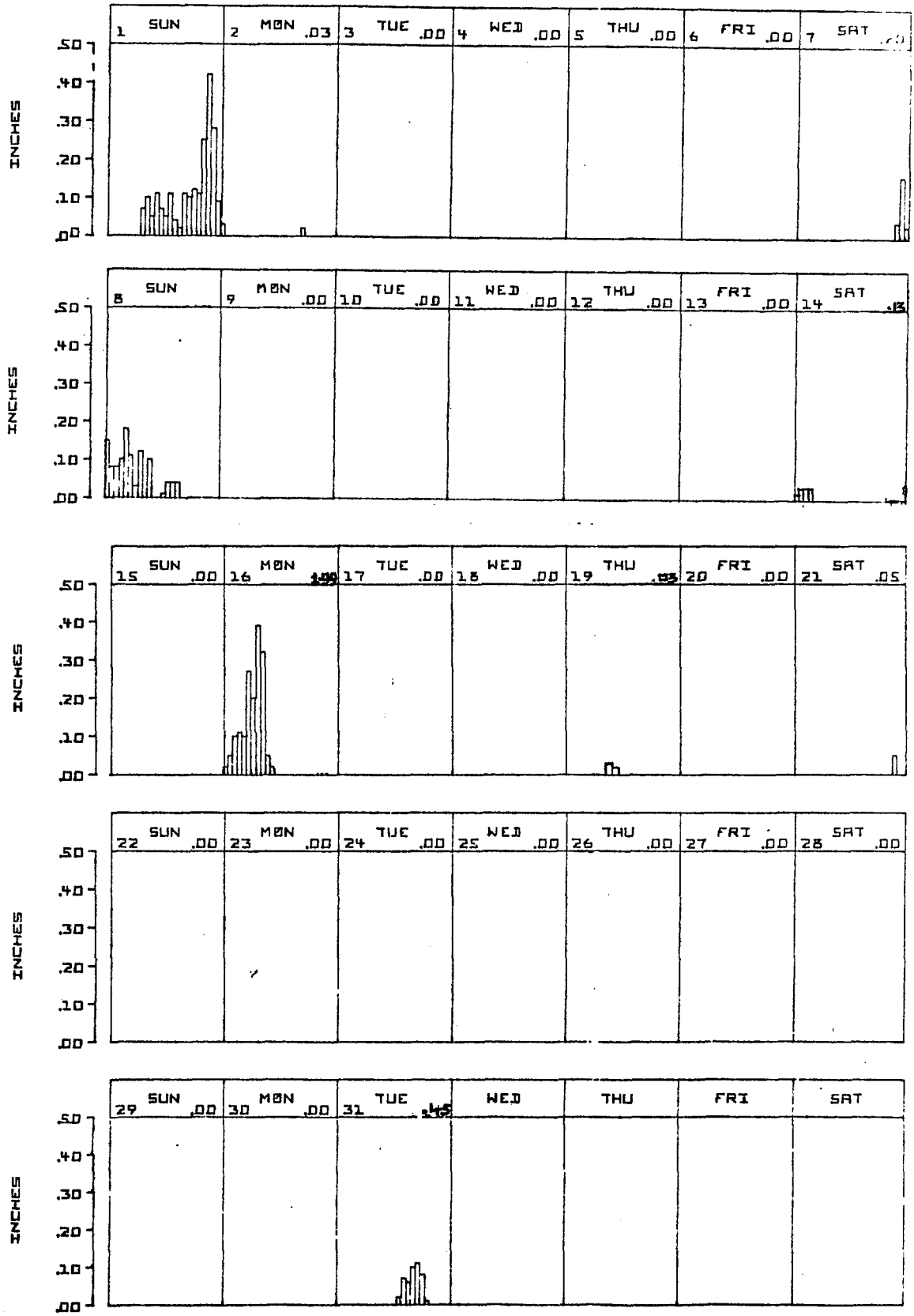
# BALTIMORE
## PRECIPITATION FOR OCTOBER 1974



# BALTIMORE
# PRECIPITATION FOR NOVEMBER 1974

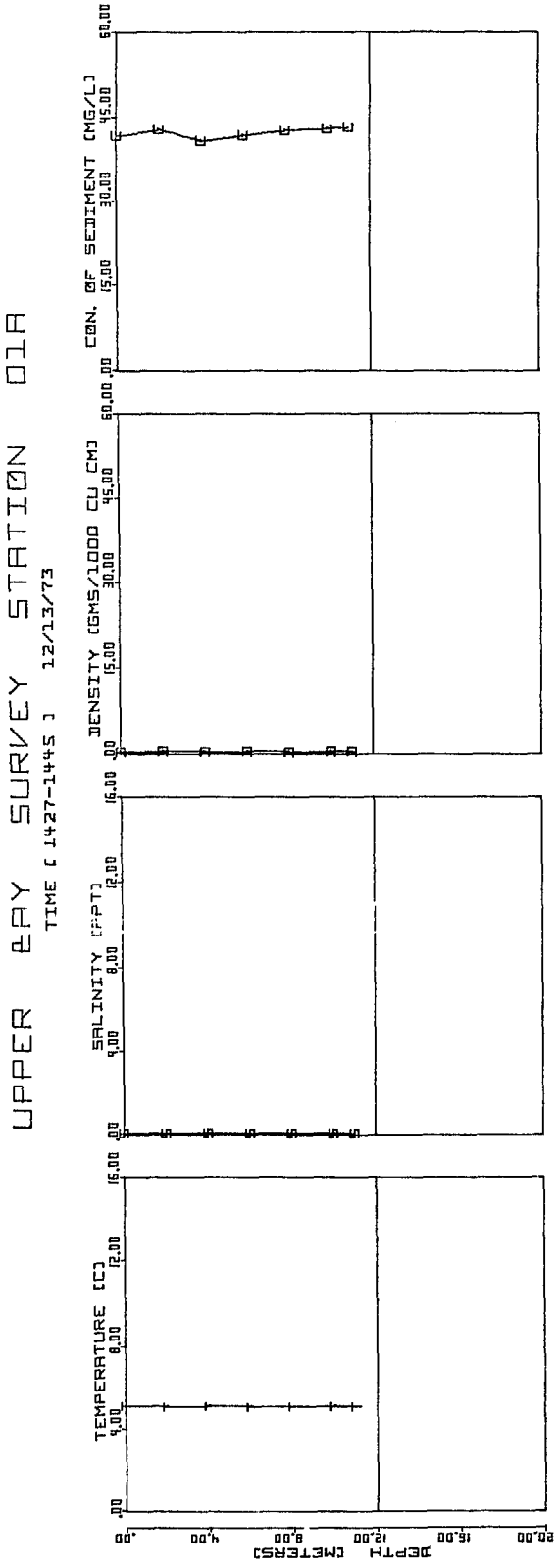


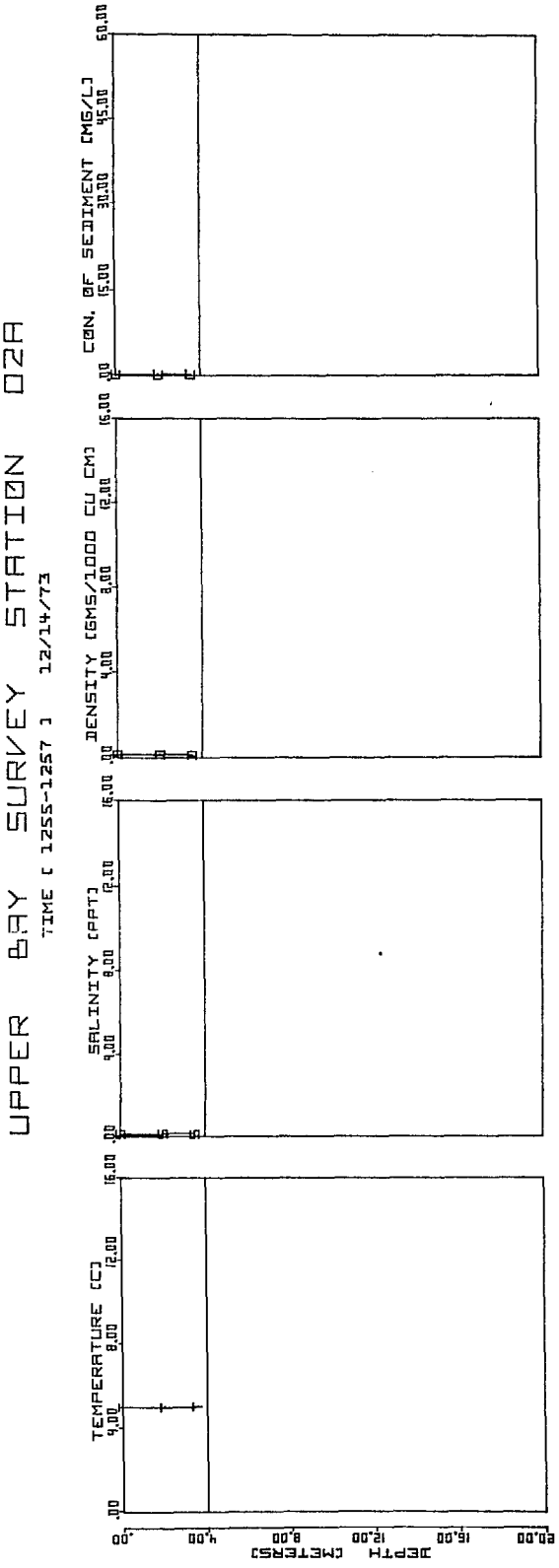
# BALTIMORE
## PRECIPITATION FOR DECEMBER 1974



## 2. WATER TEMPERATURE, SALINITY, SIGMA -t, AND SUSPENDED SEDIMENT CONCENTRATION

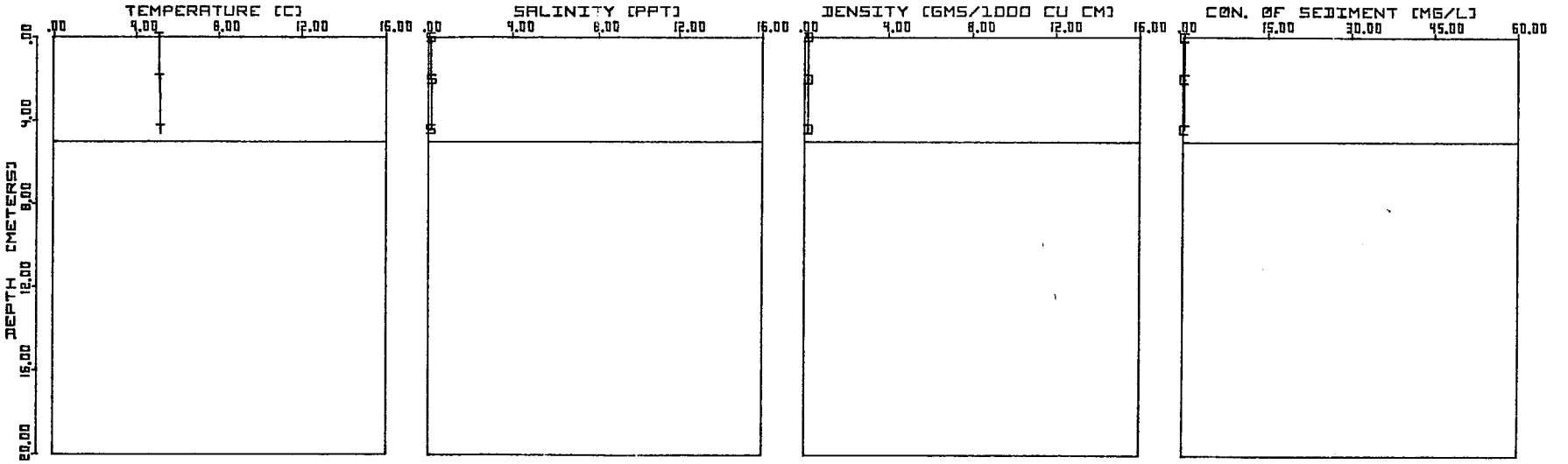
(NOTE: Density recorded in this section is in Sigma-t units, not gm/cm$^3$ as shown)



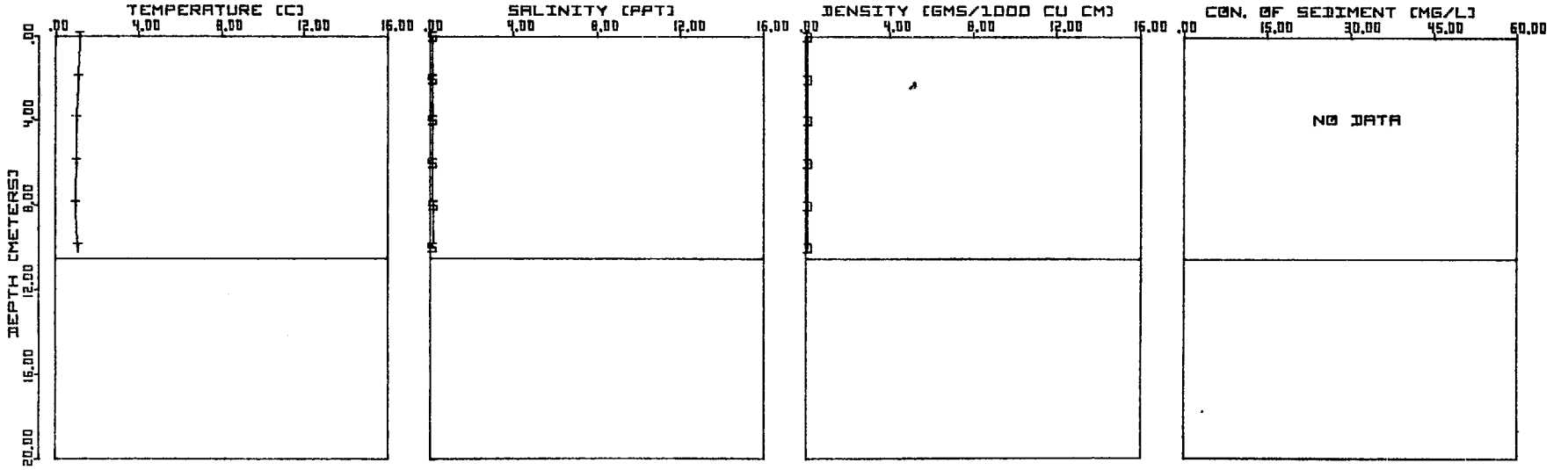
# UPPER BAY SURVEY STATION 02B

TIME [ 1300-1304 ] 12/14/73



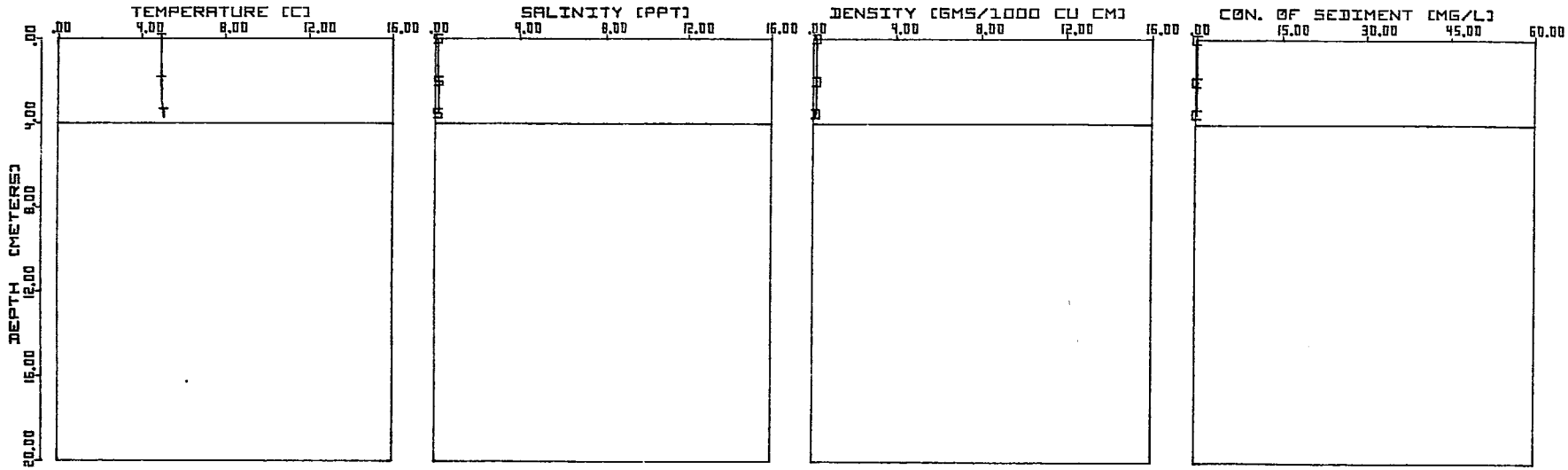

# UPPER BAY SURVEY STATION 02C

TIME [ 1210-1220 ] 02/14/74



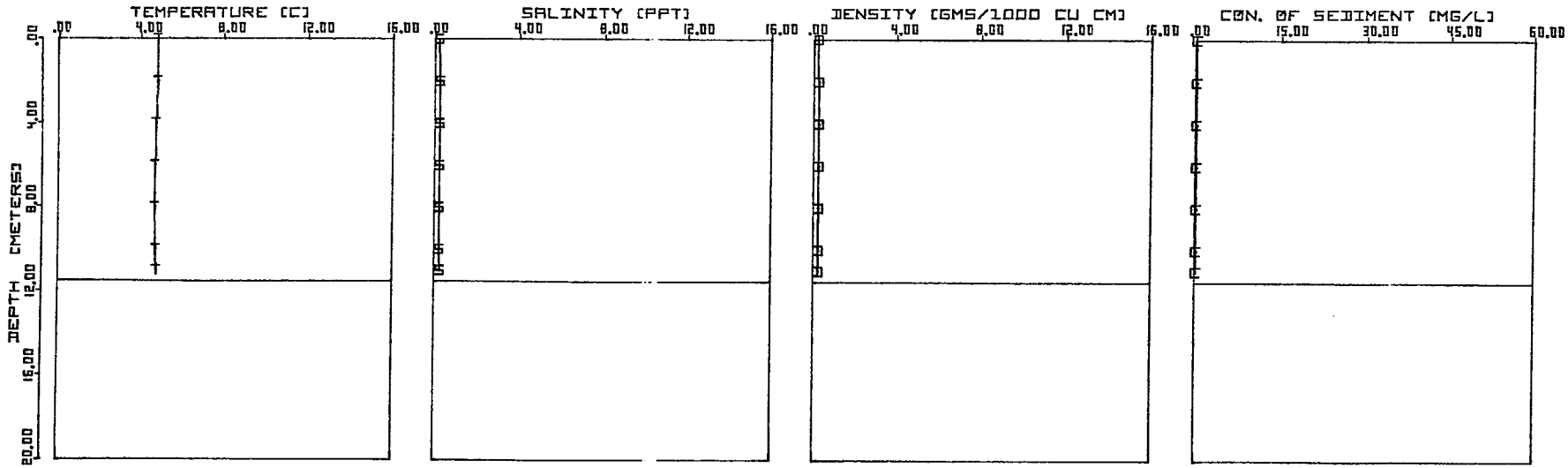
# UPPER BAY SURVEY STATION 03A

TIME [ 1235-1239 ] 12/14/73



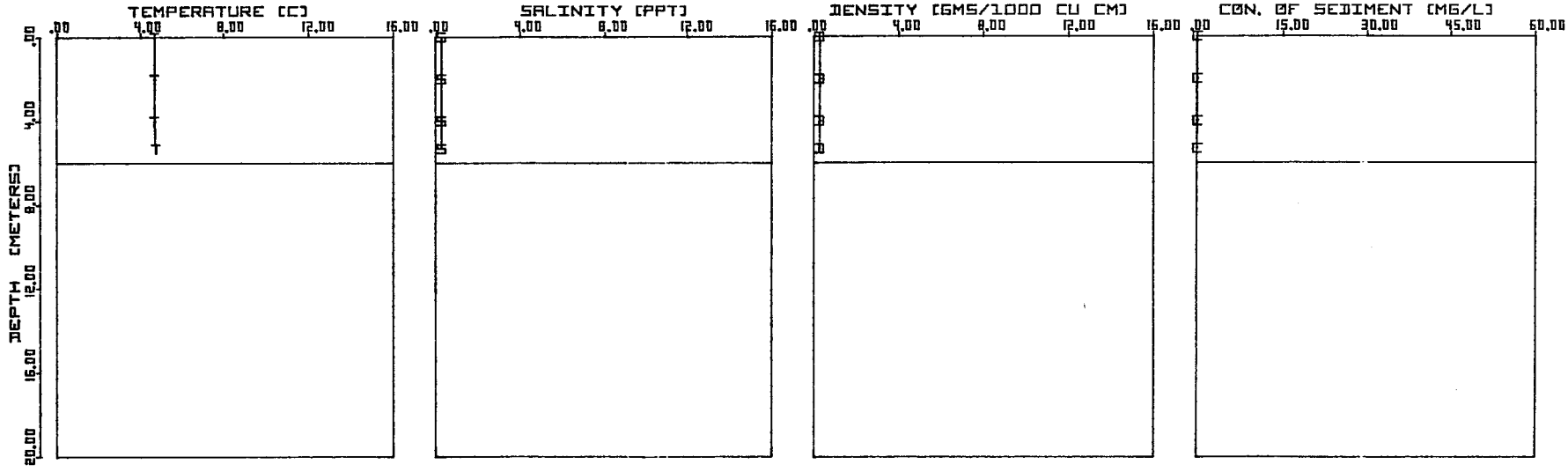

# UPPER BAY SURVEY STATION 03B

TIME [ 1220-1232 ] 12/14/73



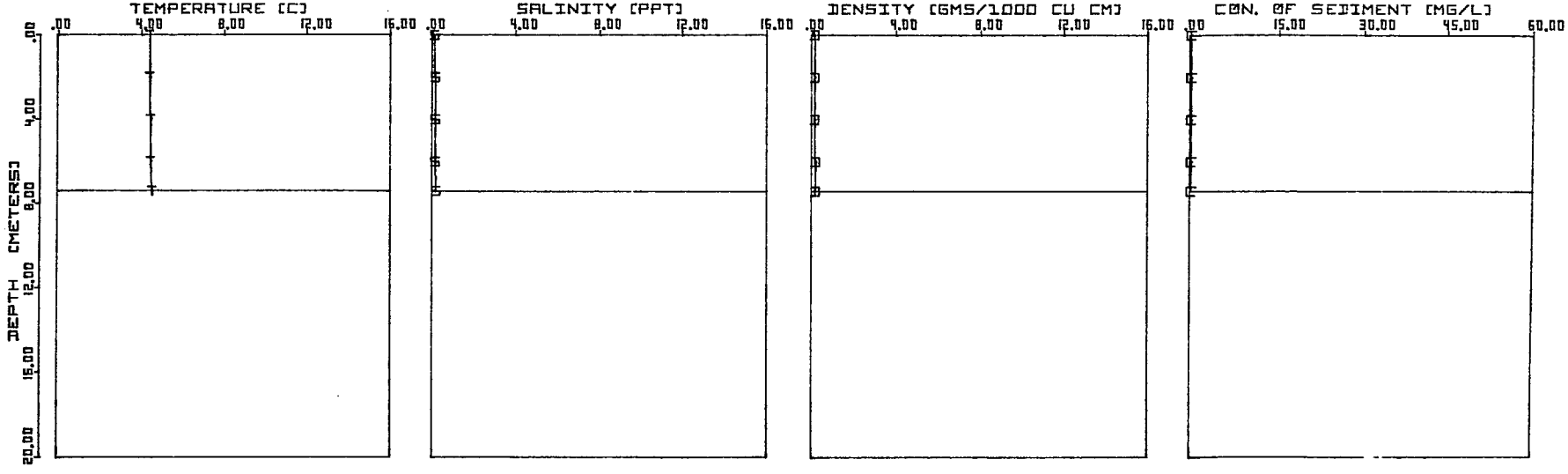
## UPPER BAY SURVEY STATION 03C

TIME [ 1215-1218 ] 12/14/73



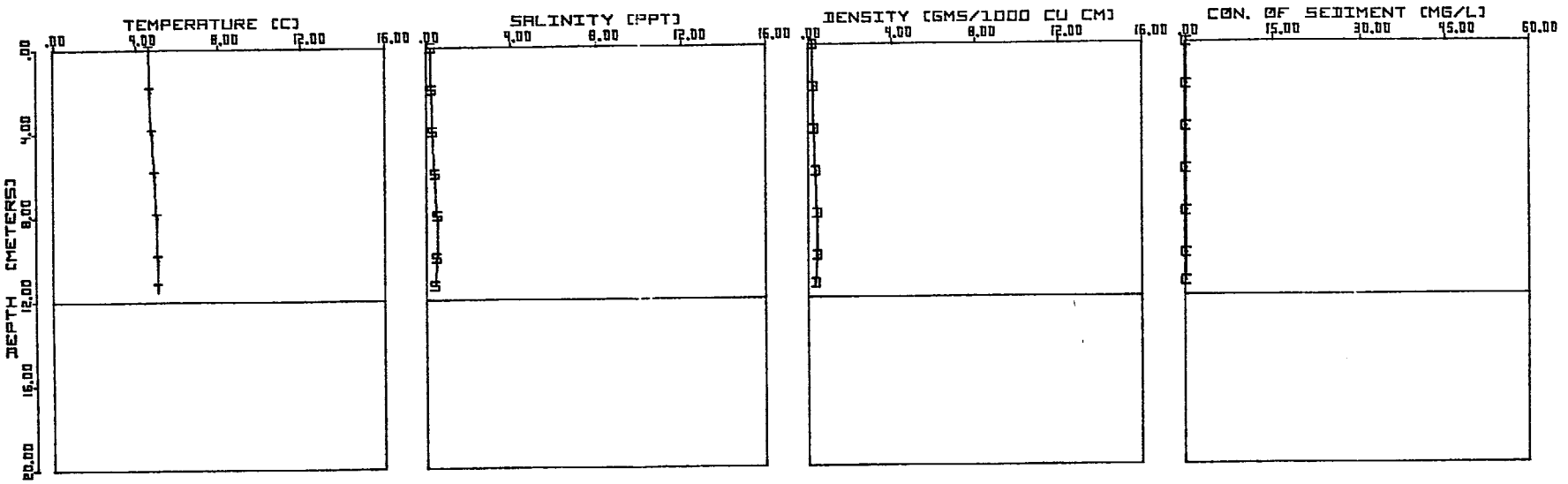

## UPPER BAY SURVEY STATION 04A

TIME [ 1135-1141 ] 12/14/73



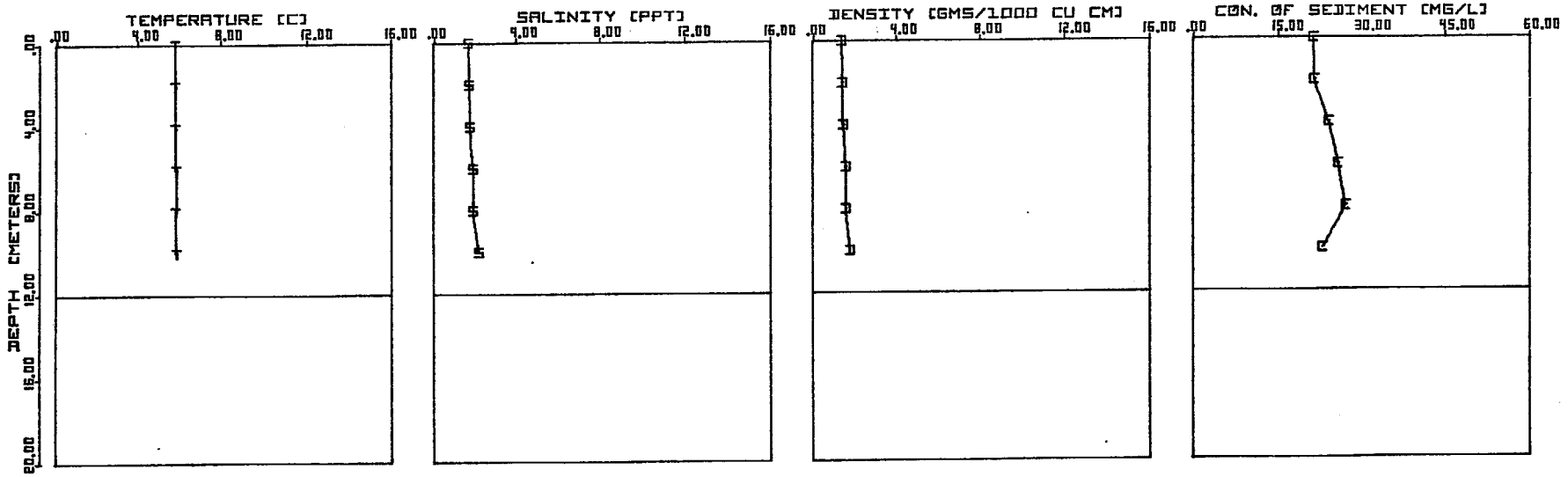
# UPPER BAY SURVEY STATION 048

TIME [ 1140-1152 ] 12/14/731



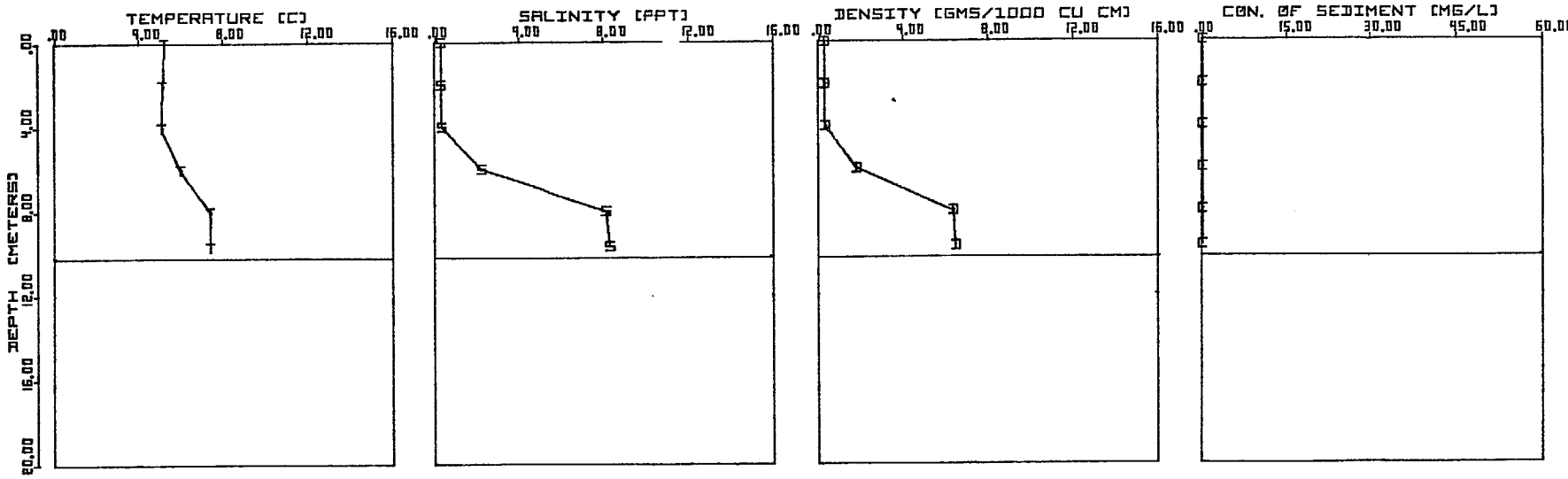

# UPPER BAY SURVEY STATION 05A

TIME [ 1030-1040



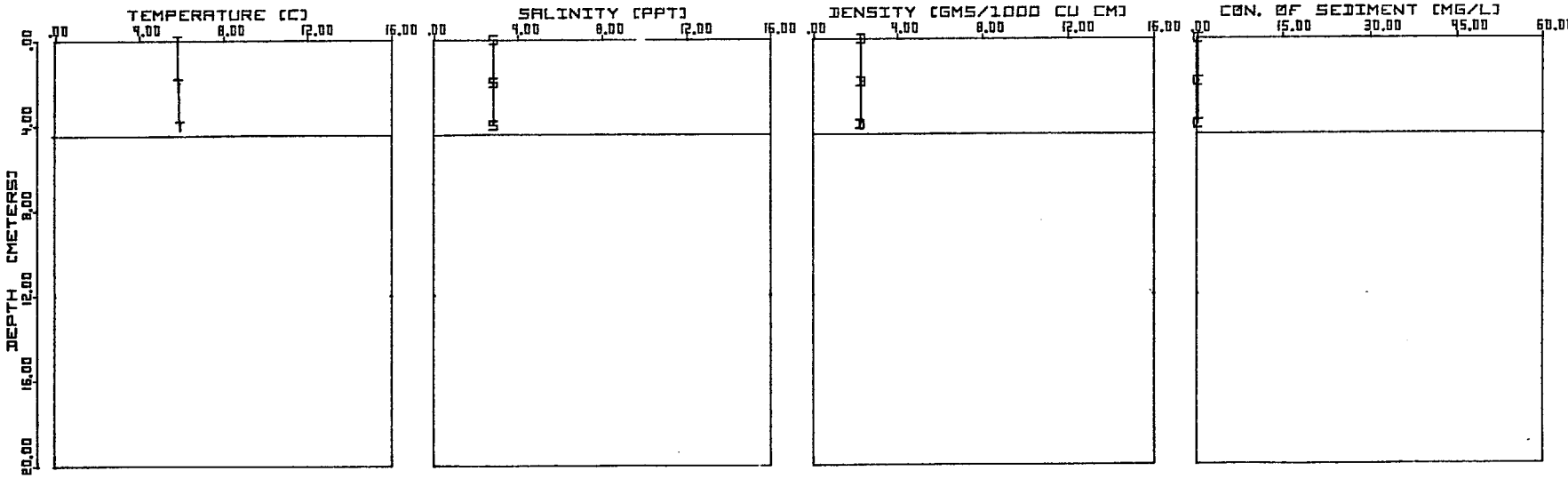
# UPPER BAY SURVEY STATION 058

TIME [ 1030-1039 ]



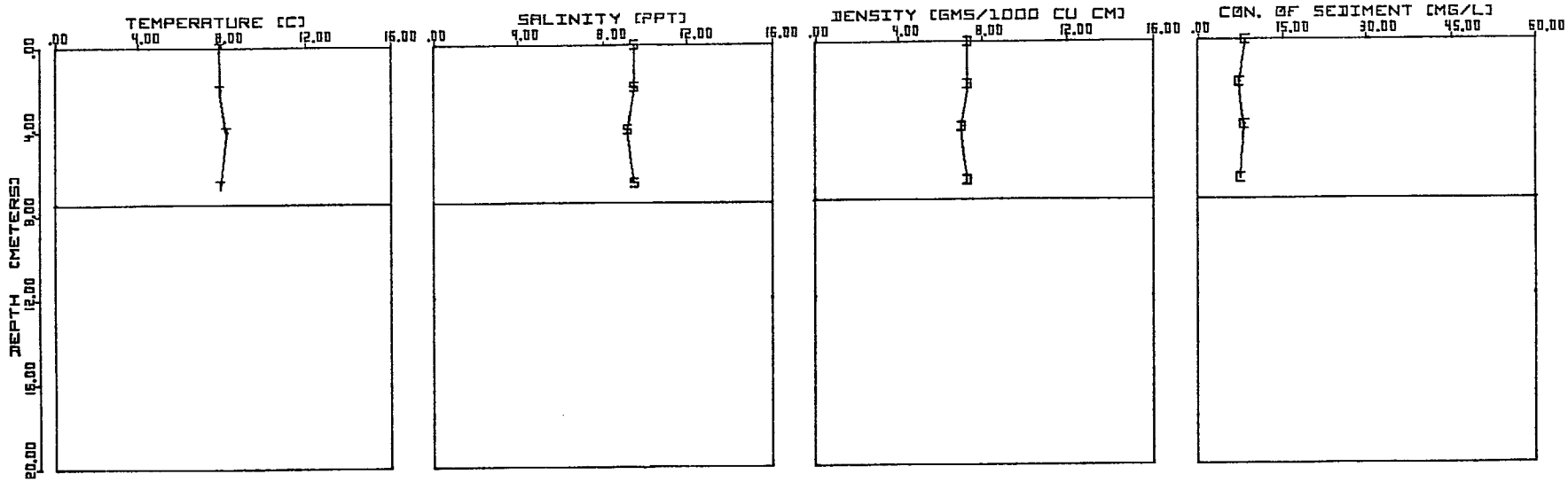

# UPPER BAY SURVEY STATION 068

TIME [ 0930-0934 ]



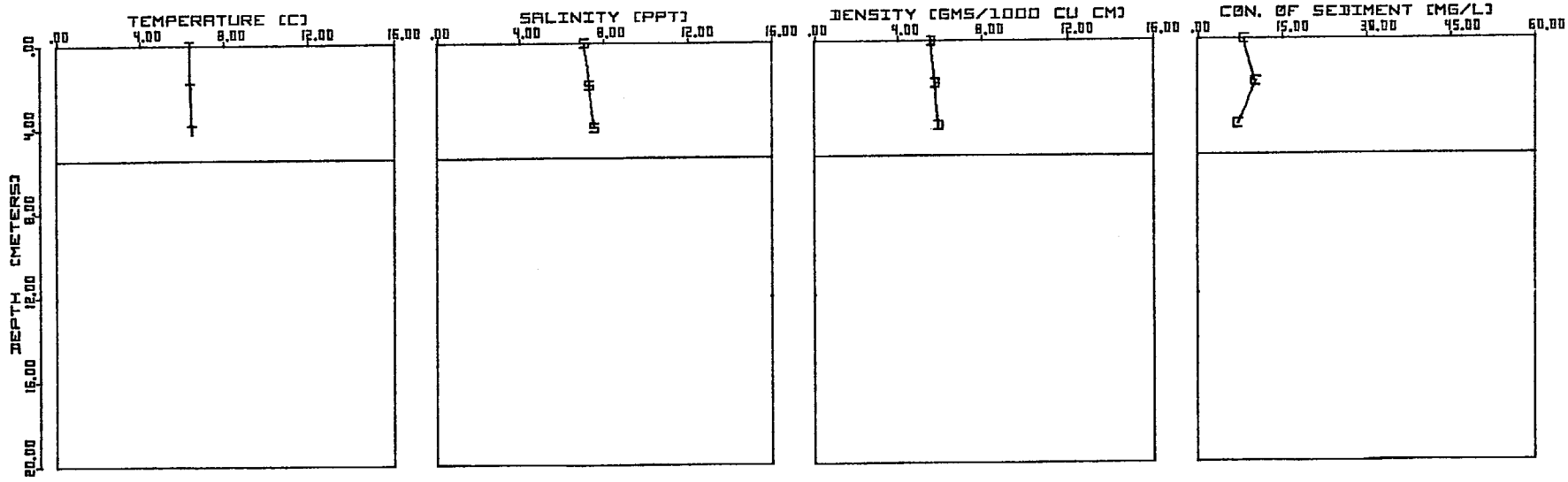
# UPPER BAY SURVEY STATION 07A

TIME [ 1435-1510 ]



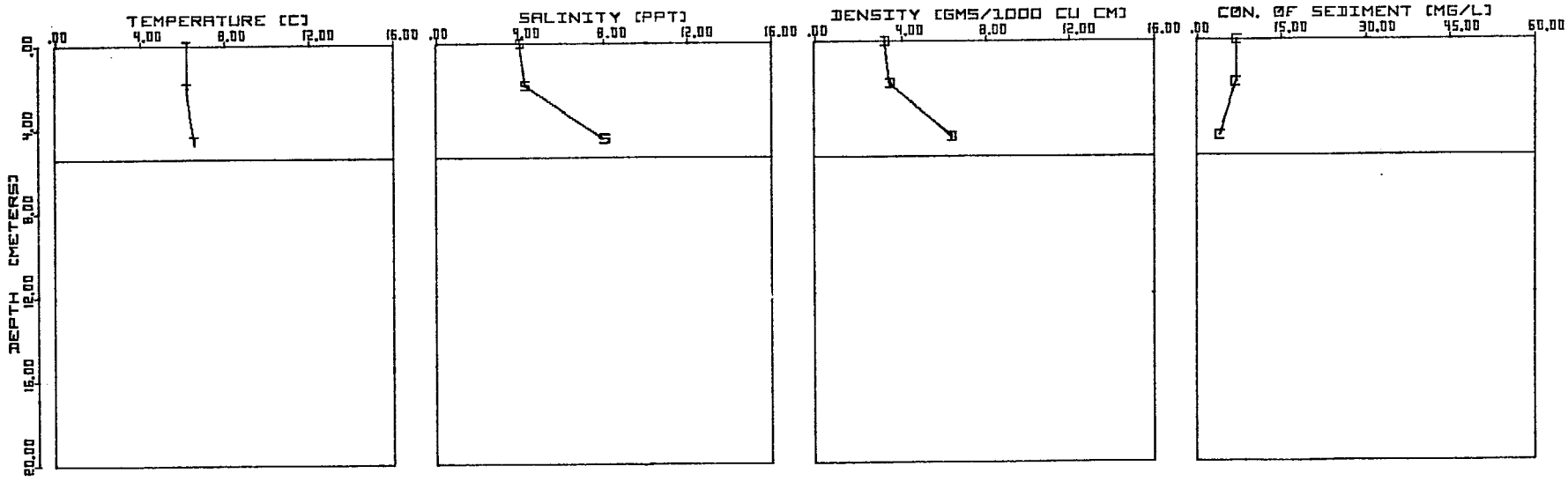

# UPPER BAY SURVEY STATION 08A

TIME [ 1340-1415 ] 12/14/73



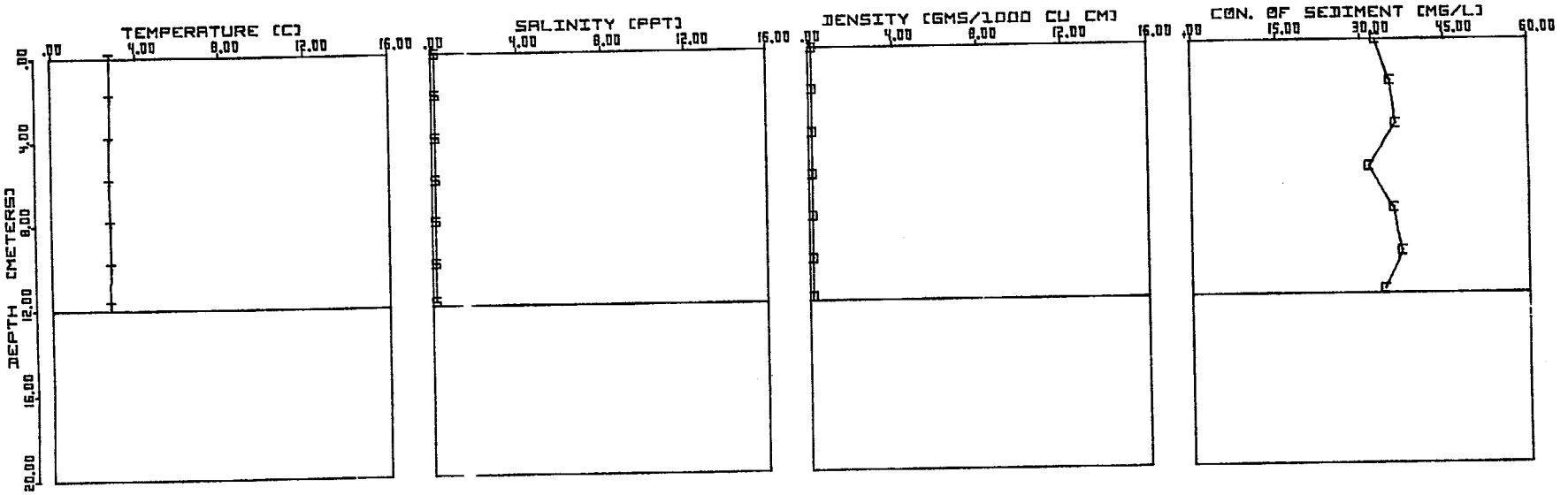
# UPPER BAY SURVEY STATION 088

TIME [ 1231-1250 ] 12/14/73



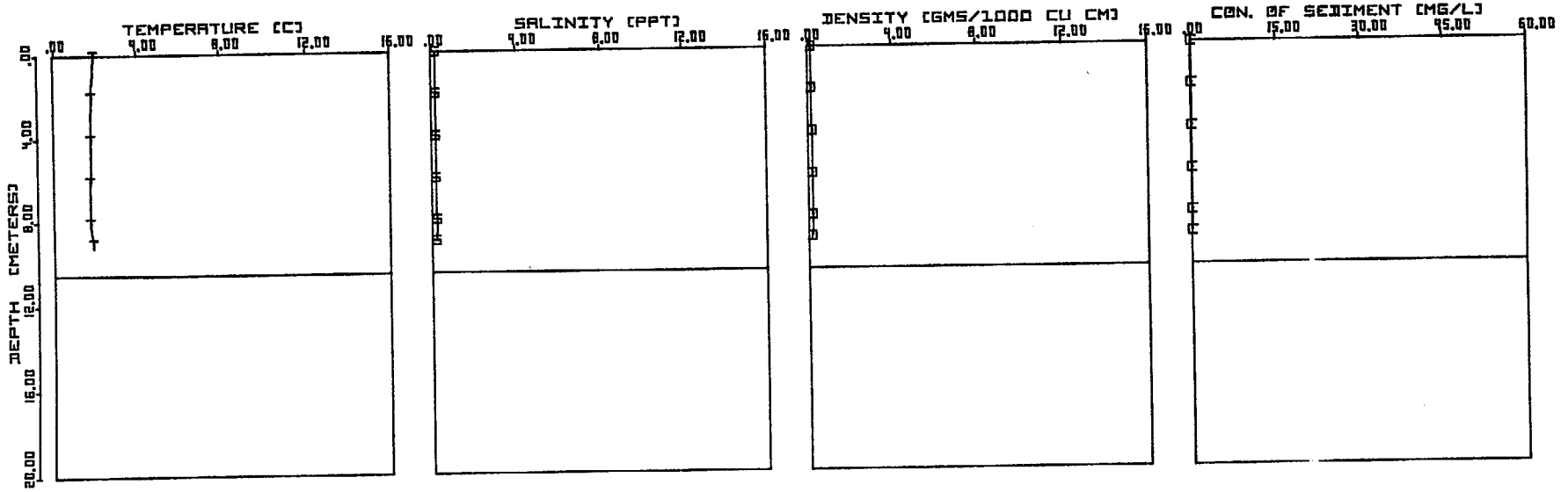
# UPPER BAY SURVEY STATION 01A

TIME [ 1255-1307 ] 01/24/74



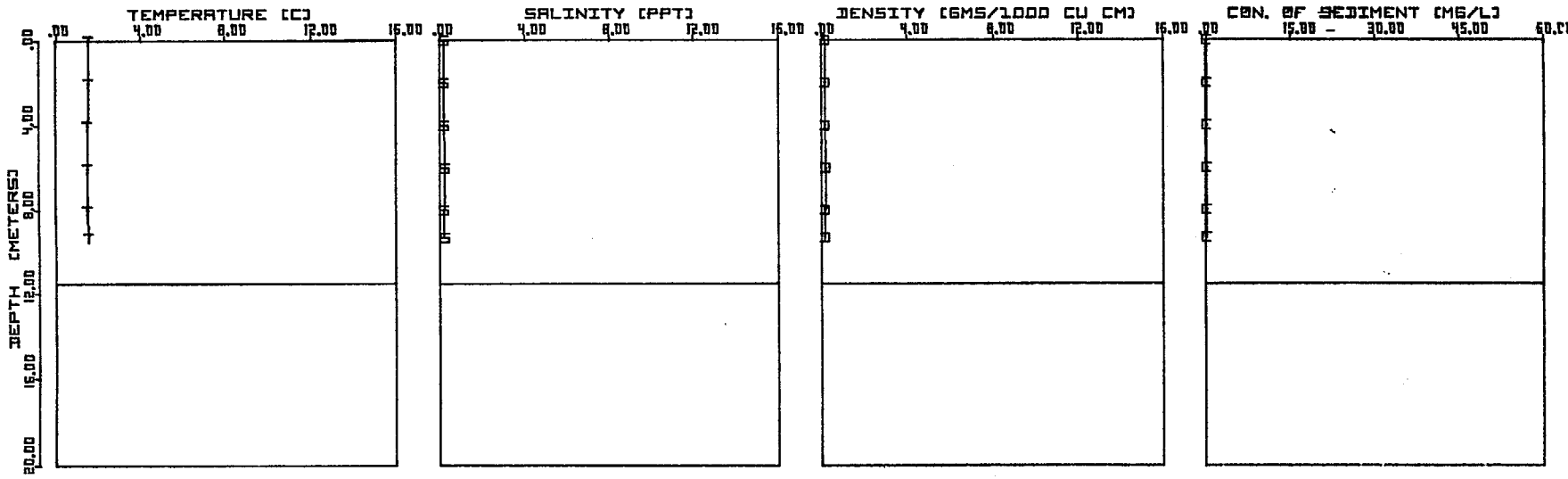

# UPPER BAY SURVEY STATION 02C

TIME [ 1525-1535 ] 01/23/74



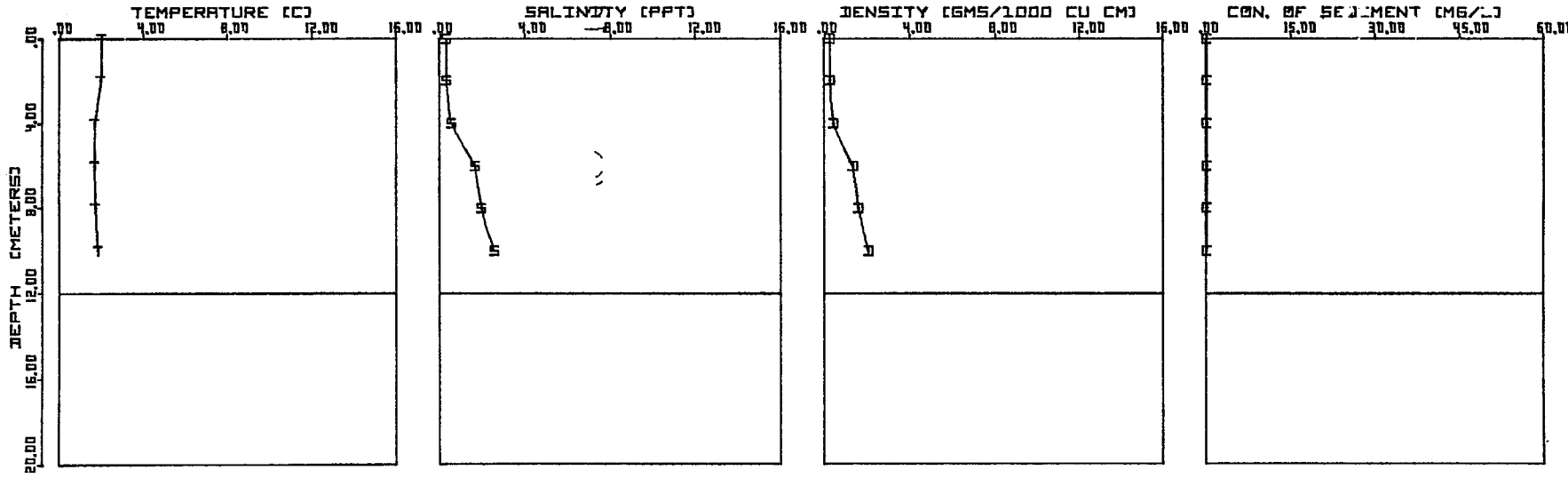
## UPPER BAY SURVEY STATION .-03B

TIME [ 1435-1445 ] 01/23/74



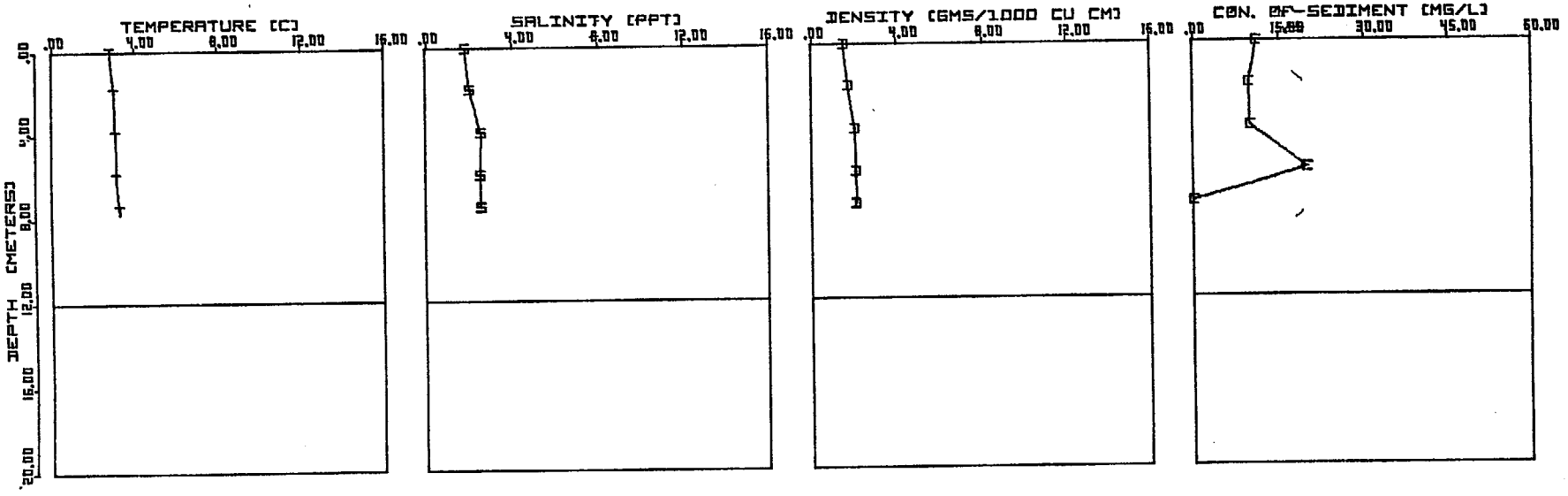

## UPPER— BAY SURVEY STATION 04B

TIME [ 1250-1260 ] 01/23/74



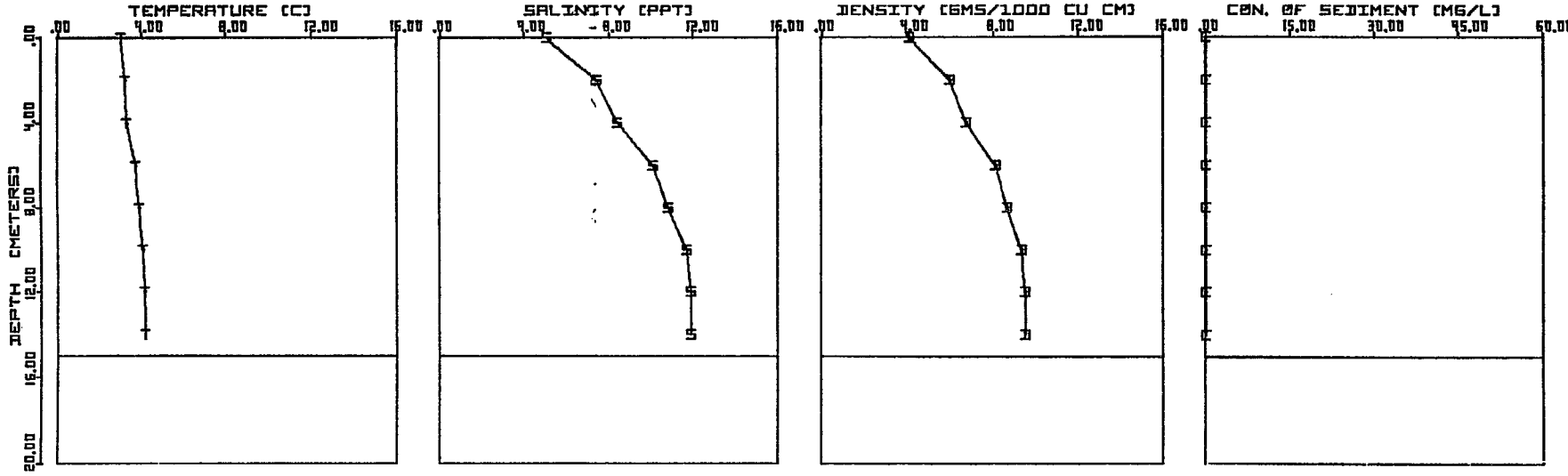
# UPPER BAY SURVEY STATION 05A

TIME [ 0930-0938 ]  01/24/74



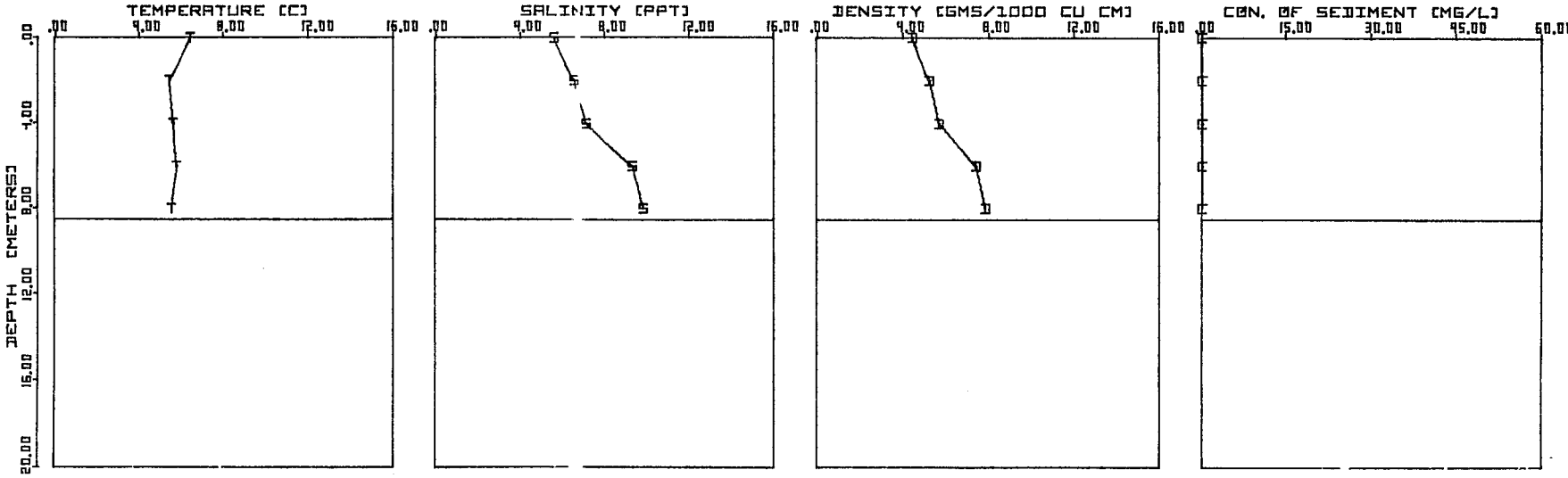
## UPPER— BAY SURVEY STATION 06C

TIME [ 0925-0939 ] 01/23/74



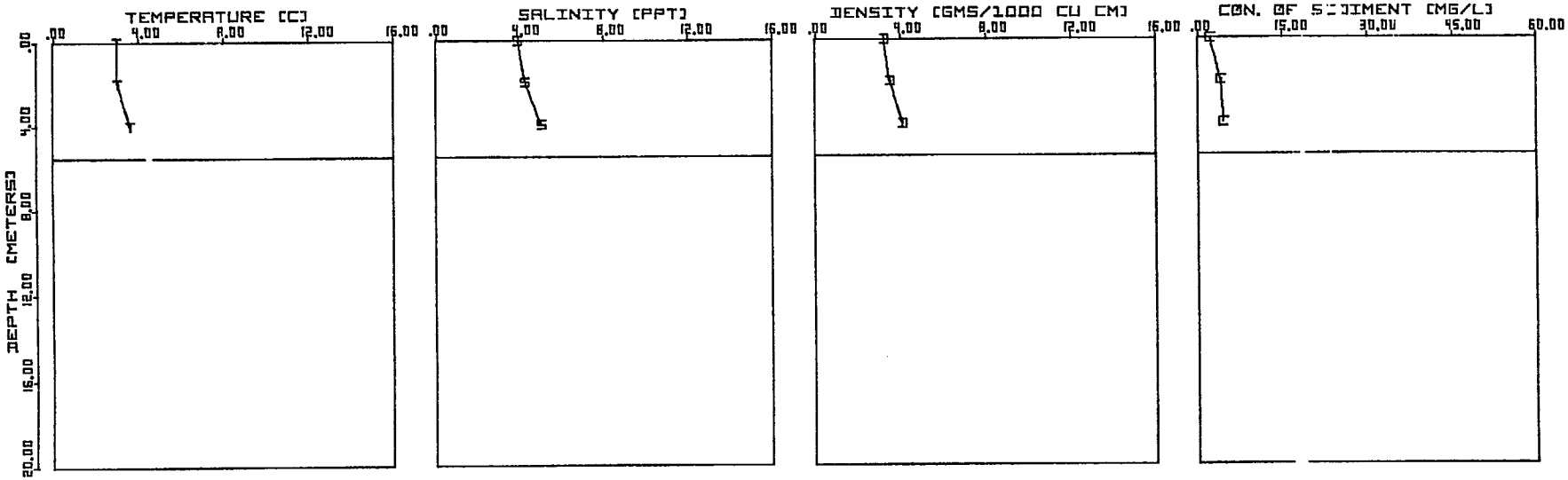

## UPPER BAY SURVEY STATION 07A

TIME [ 1200-1208 ] 01/23/74



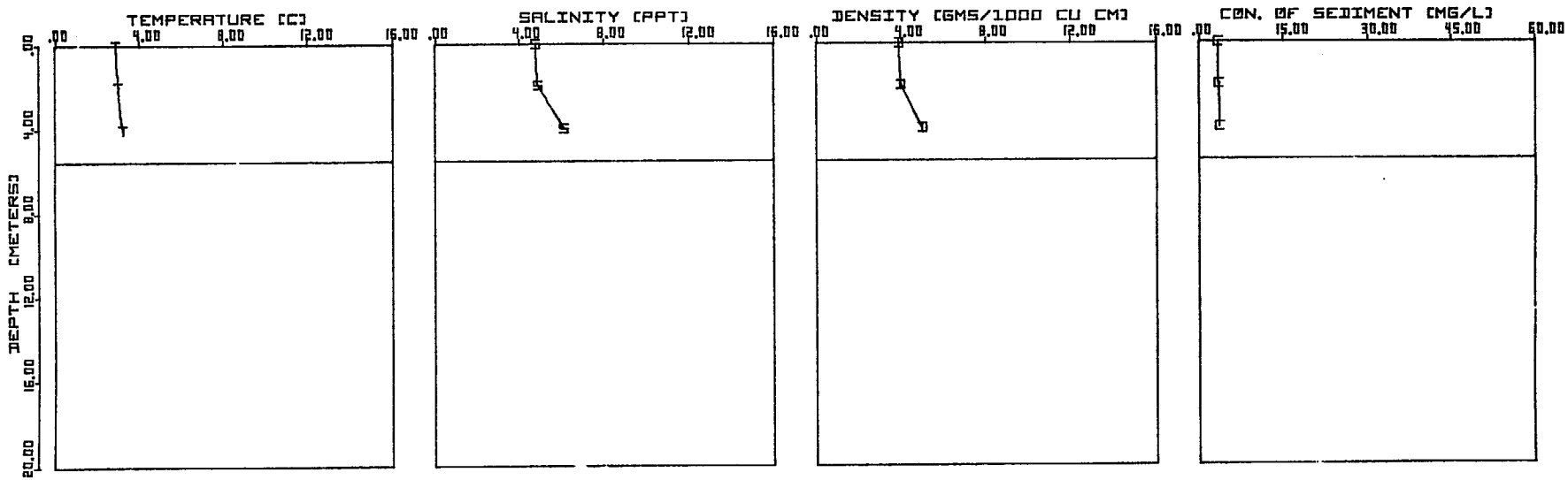
# UPPER BAY SURVEY STATION 08A

TIME [ 1310-1340 ] 01/24/74



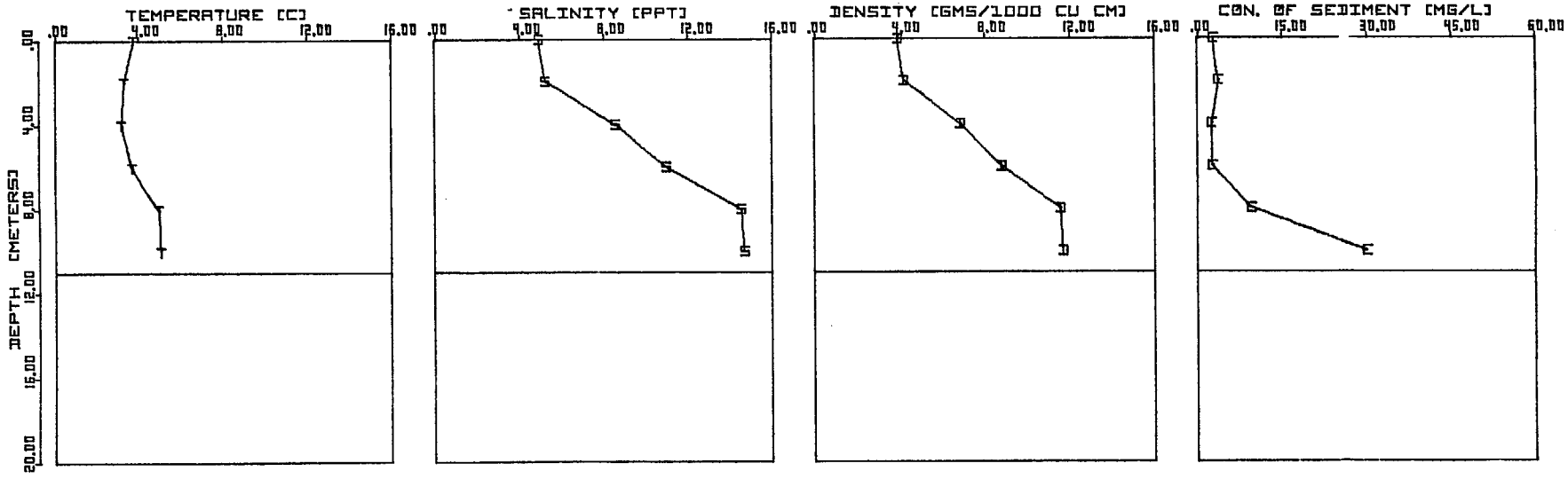

# UPPER BAY SURVEY STATION 08B

TIME [ 1415-1435 ] 01/24/74



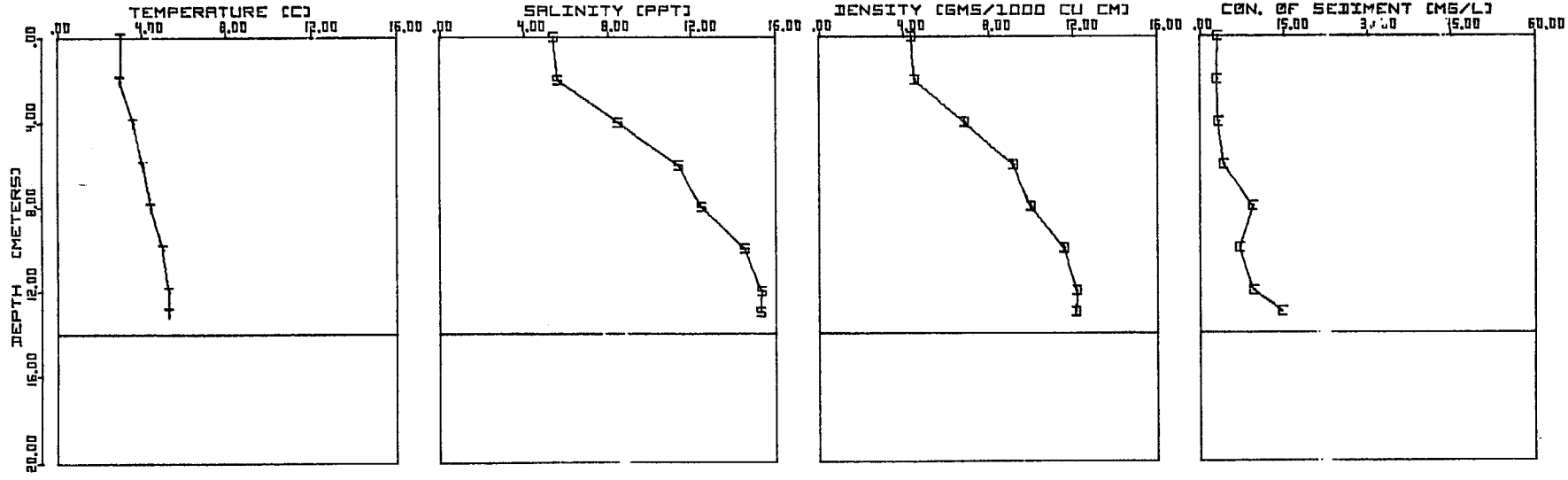
## UPPER BAY SURVEY STATION 10B

TIME [ 1635-1725 ] 01/23/74



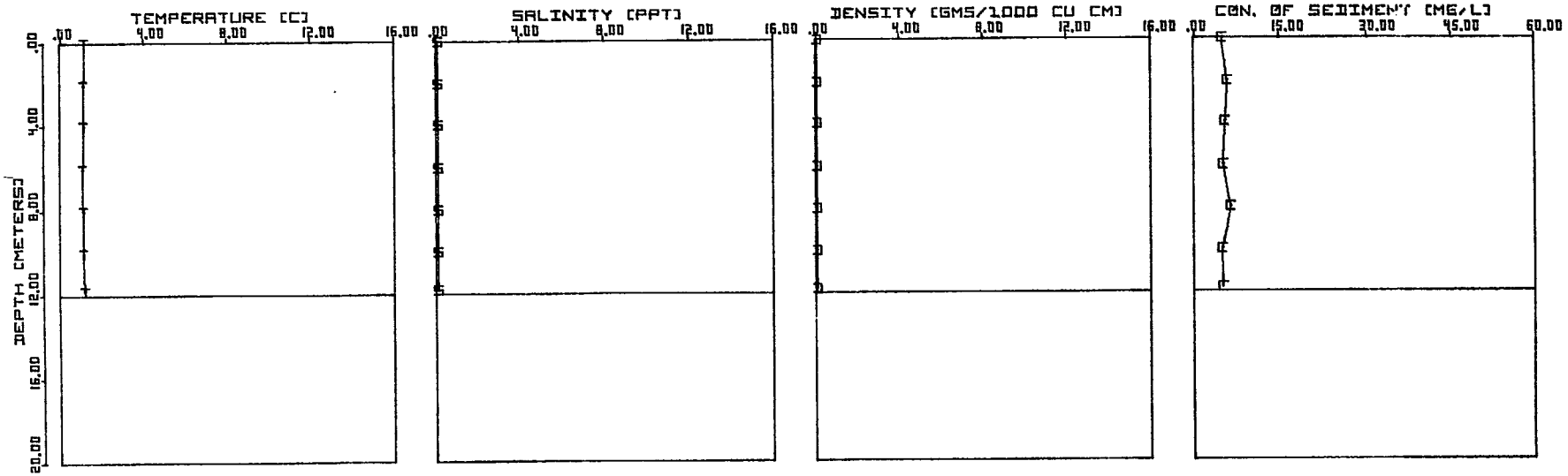

## UPPER BAY SURVEY STATION 11B

TIME [ 1009-1140 ] 01/23/74



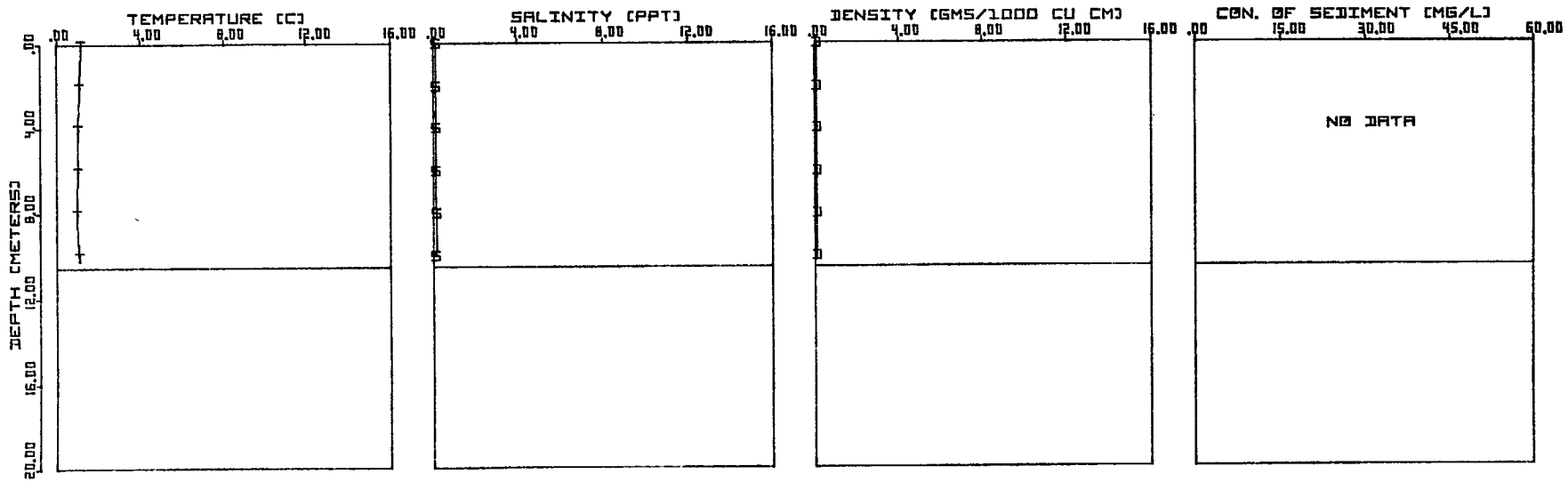
# UPPER BAY SURVEY STATION 01A

TIME [ 1340-1352 ] 02/12/74



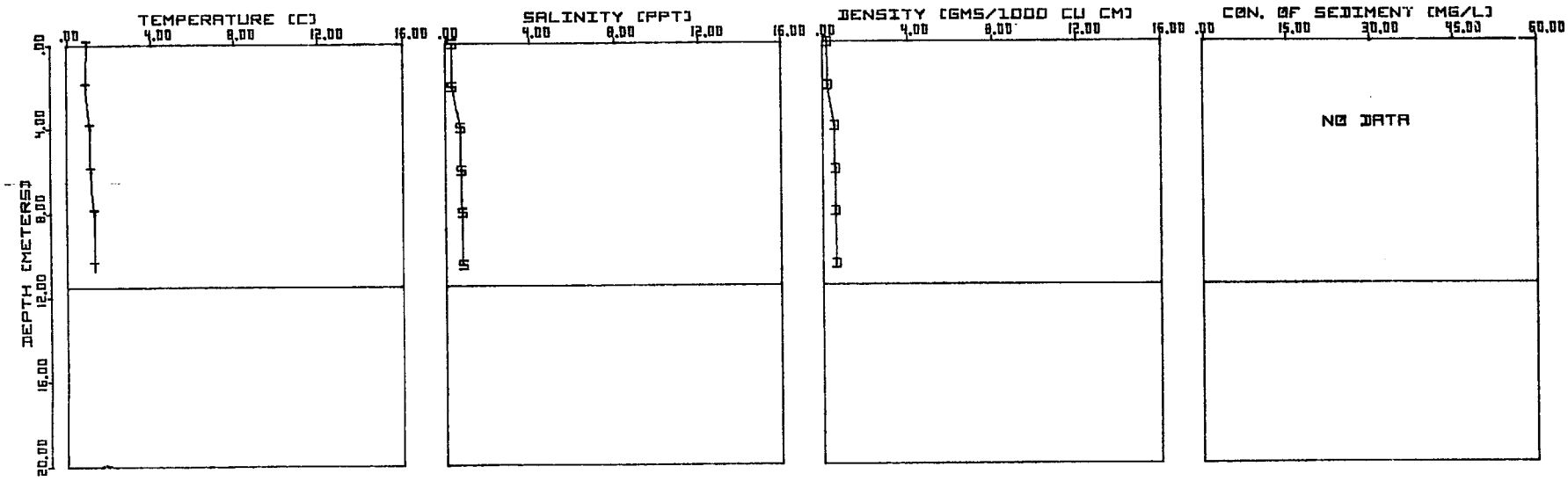

# UPPER BAY SURVEY STATION 02C

TIME [ 1210-1220 ] 02/14/74



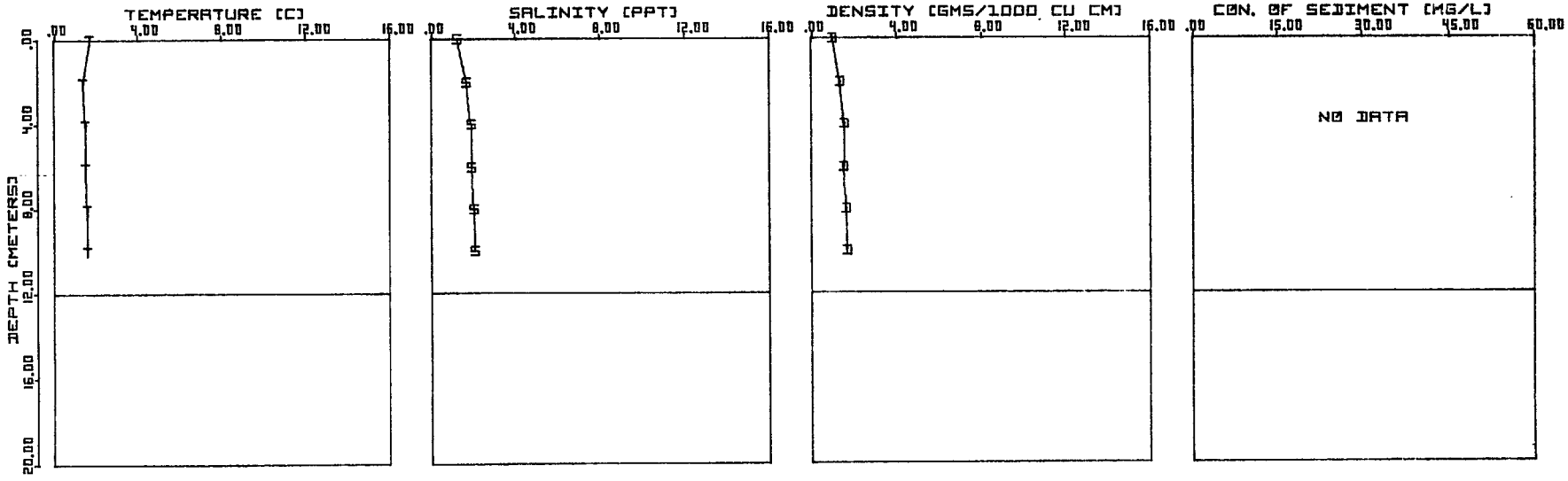
# UPPER BAY SURVEY STATION 03B

TIME [ 1100-1110 ] 02/12/74



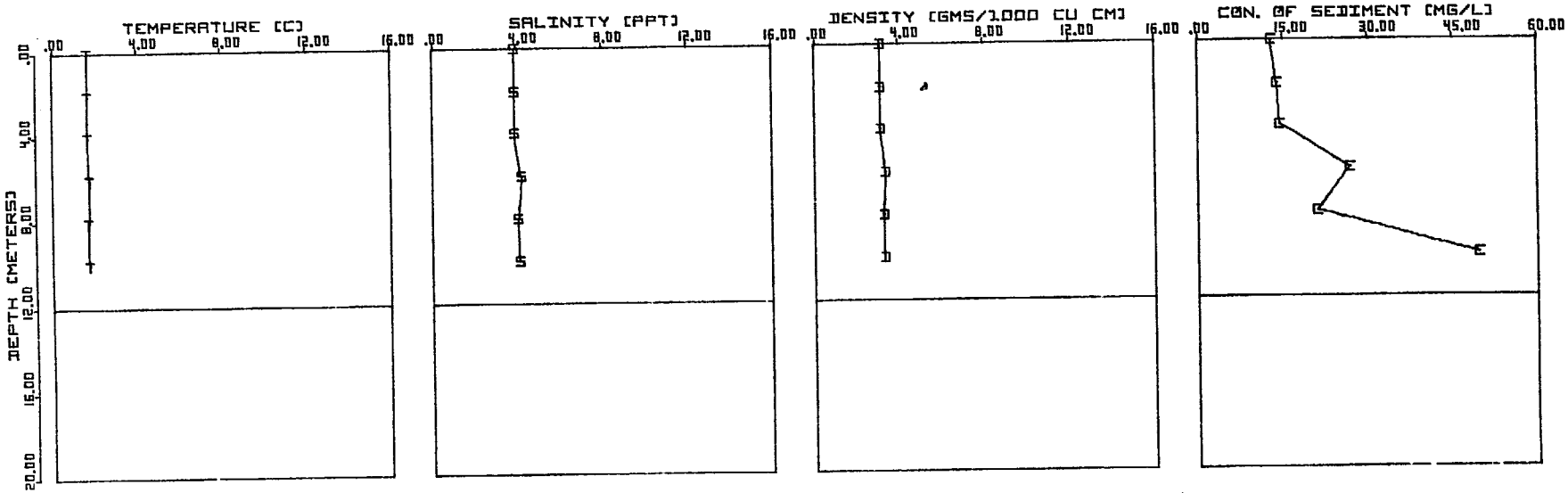

# UPPER BAY SURVEY STATION 04B

TIME [ 0945-0955 ] 02/12/74



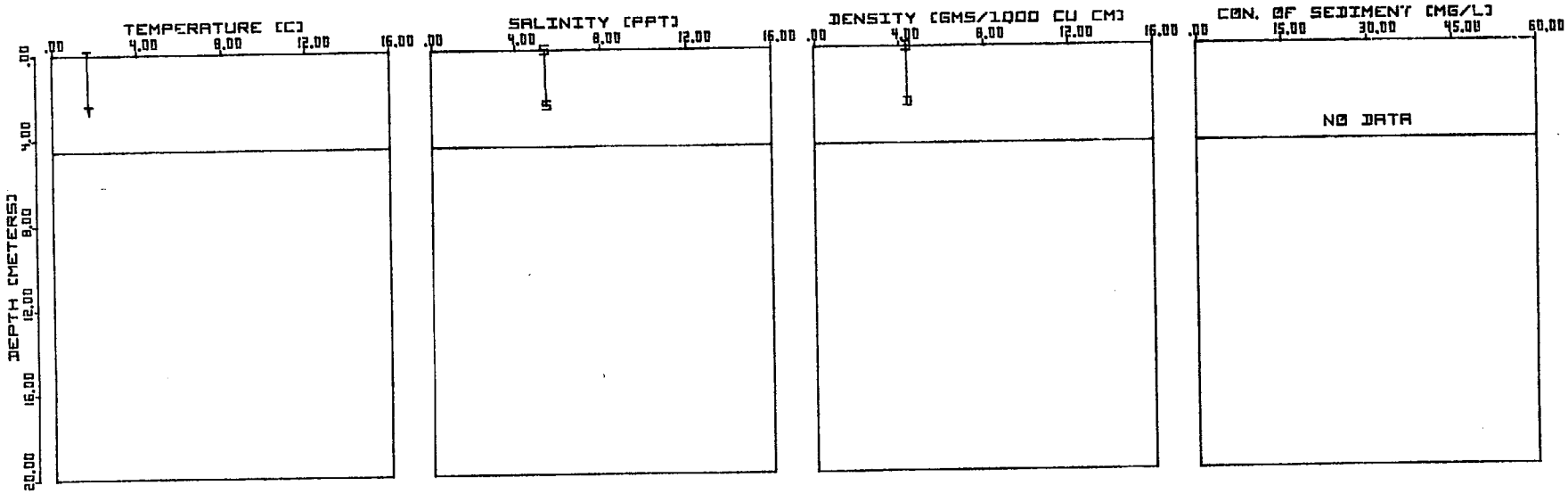
# UPPER BAY SURVEY STATION 05A

TIME [ 0835-0845 ] 02/12/74



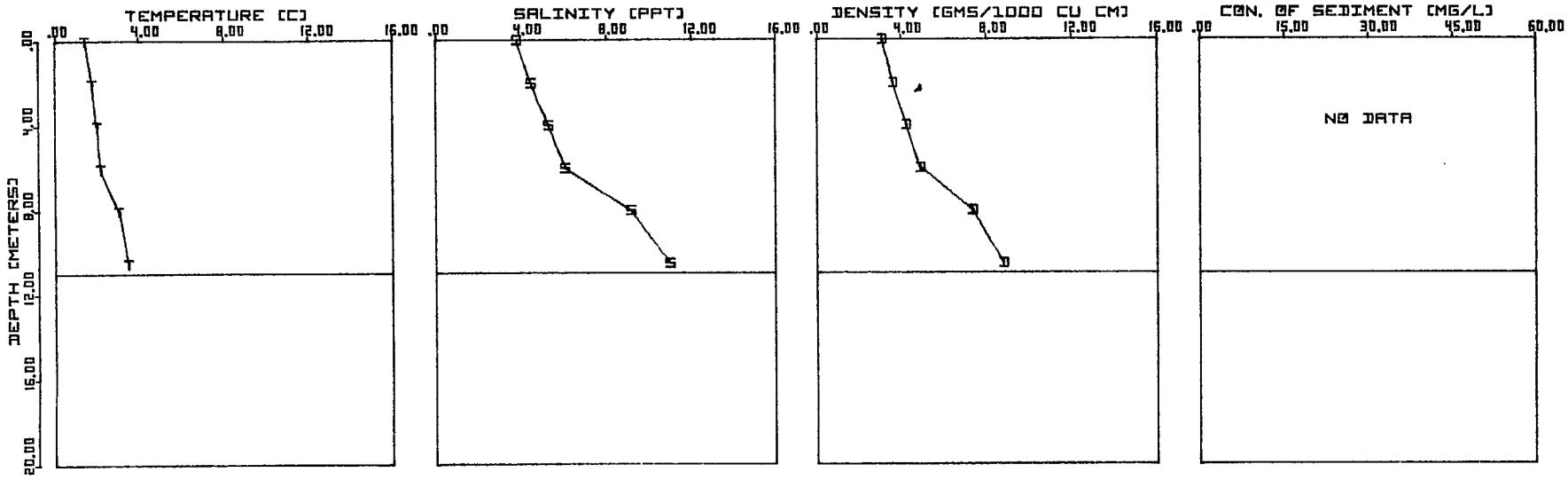

# UPPER BAY SURVEY STATION 06B

TIME [ 0645-0647 ] 02/12/74



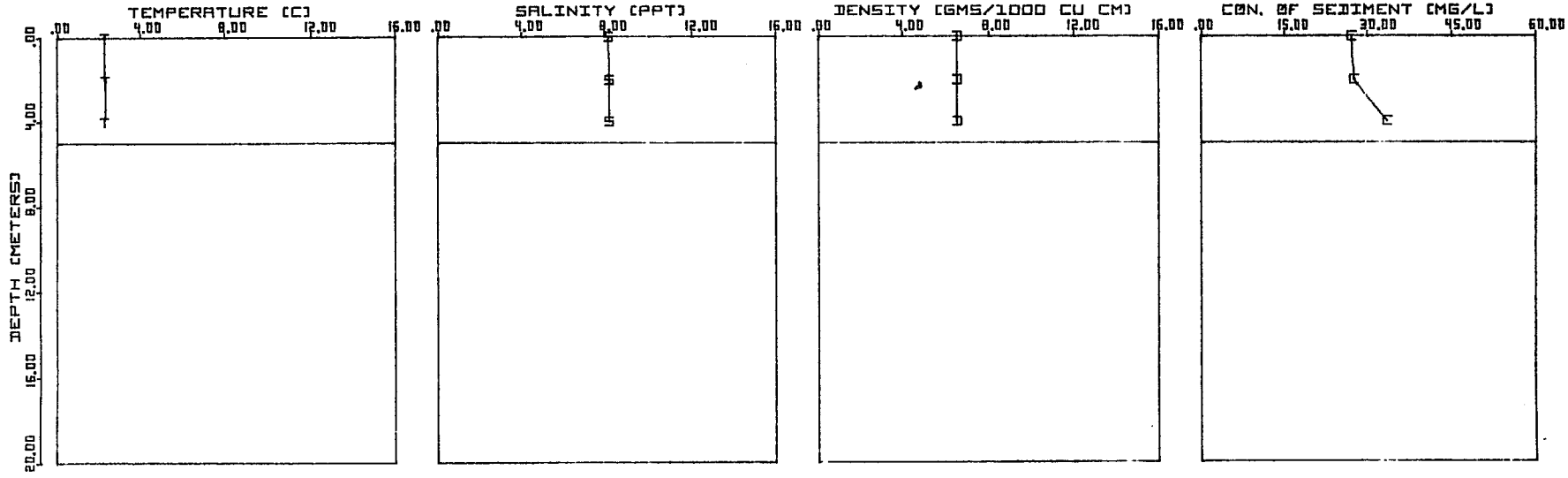
# UPPER BAY SURVEY STATION 06C

TIME [ 0710-0720 ] 02/12/74



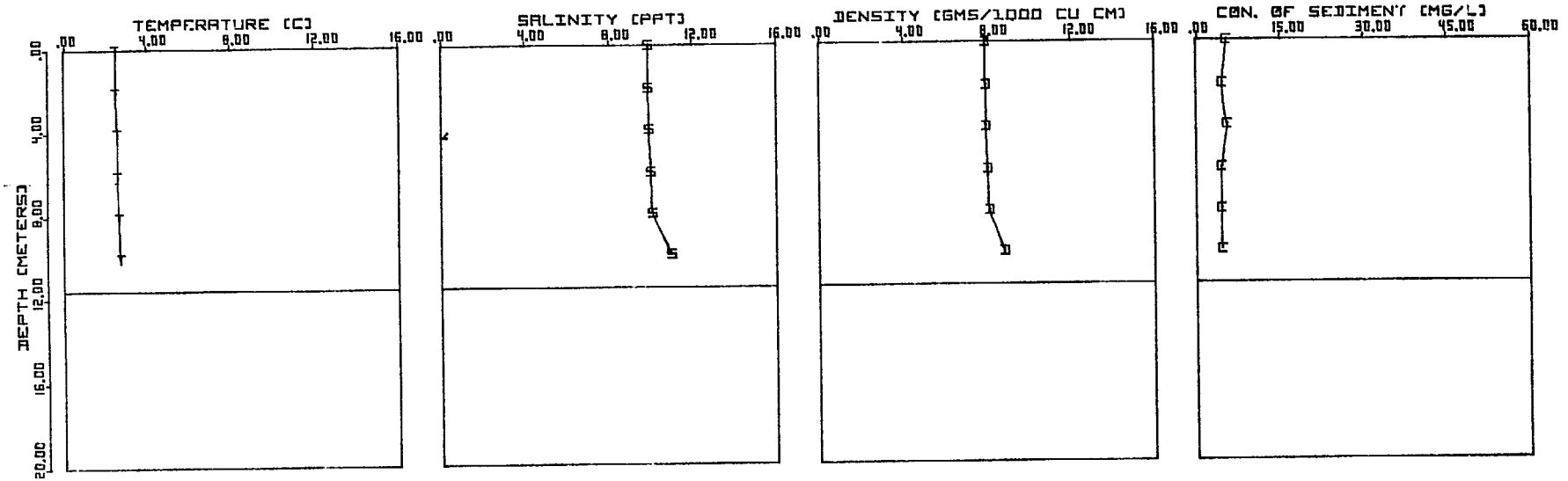

# UPPER BAY SURVEY STATION 08B

TIME [ 1525-1529 ] 02/11/74



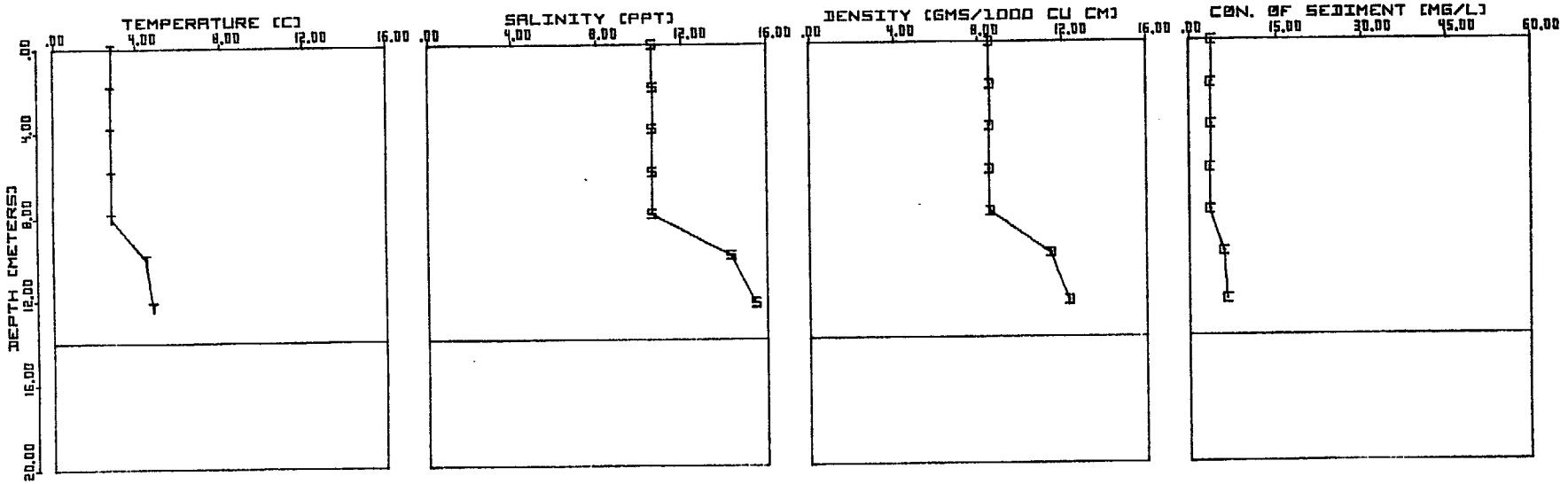
# UPPER BAY SURVEY STATION 10B

TIME [ 1320-1330 ] 02/11/74



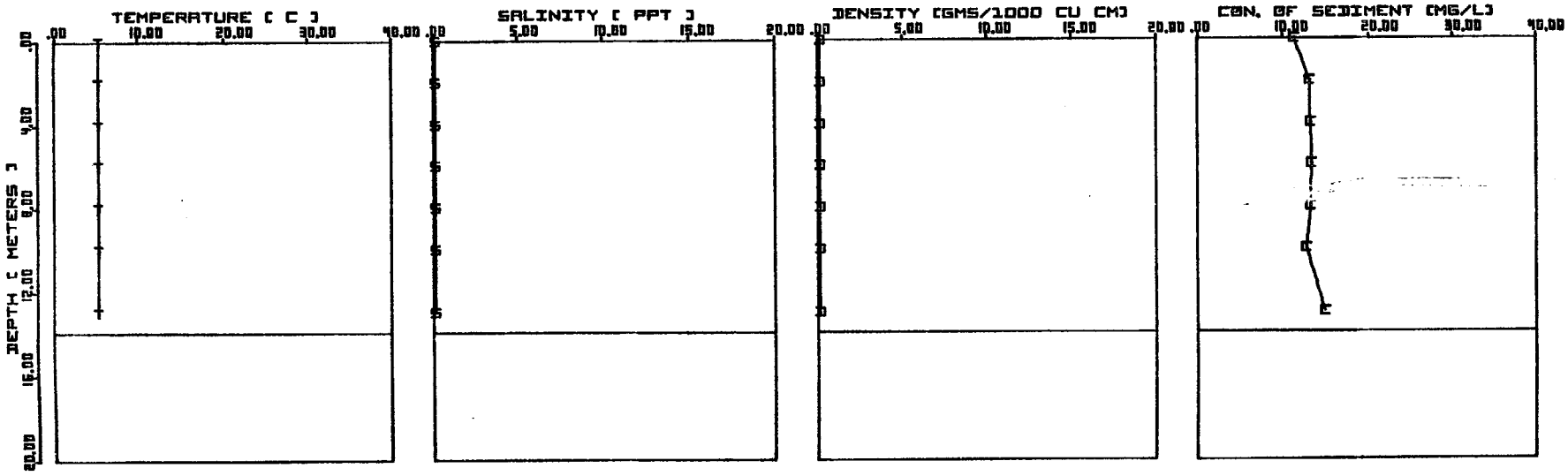

# UPPER BAY SURVEY STATION 11B

TIME [ 1035-1047 ] 02/11/74



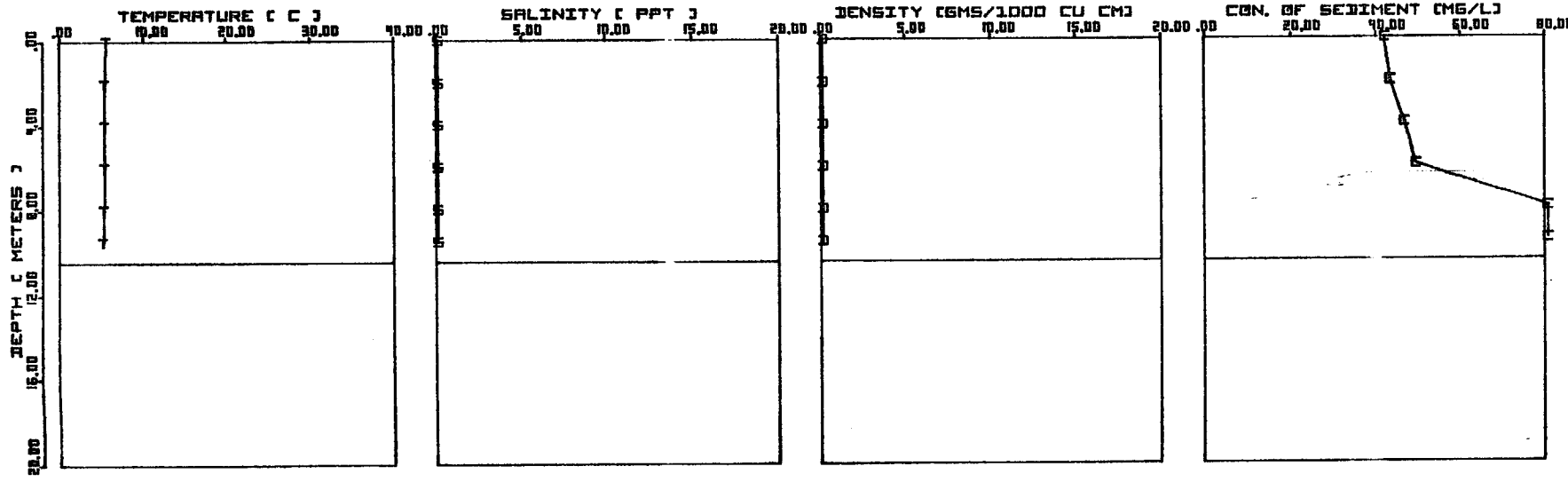
## UPPER BAY SURVEY STATION 01A

TIME [ 1145-1150 ] 03/21/74



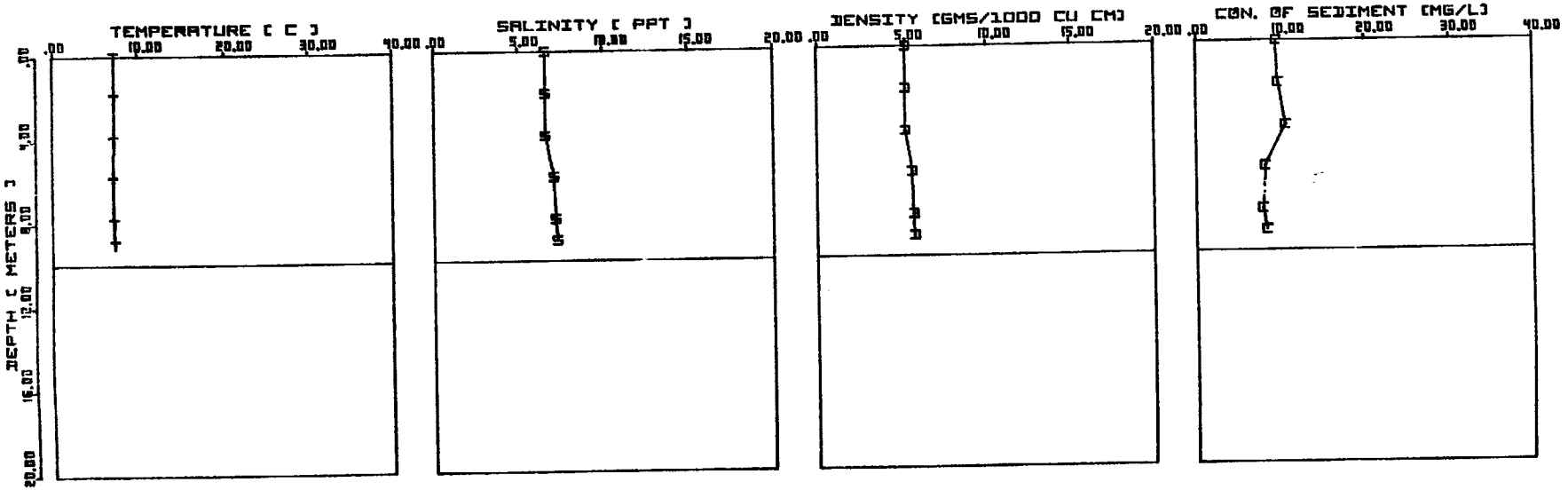

## UPPER BAY SURVEY STATION 04B

TIME [ 1340-1350 ] 03/20/74



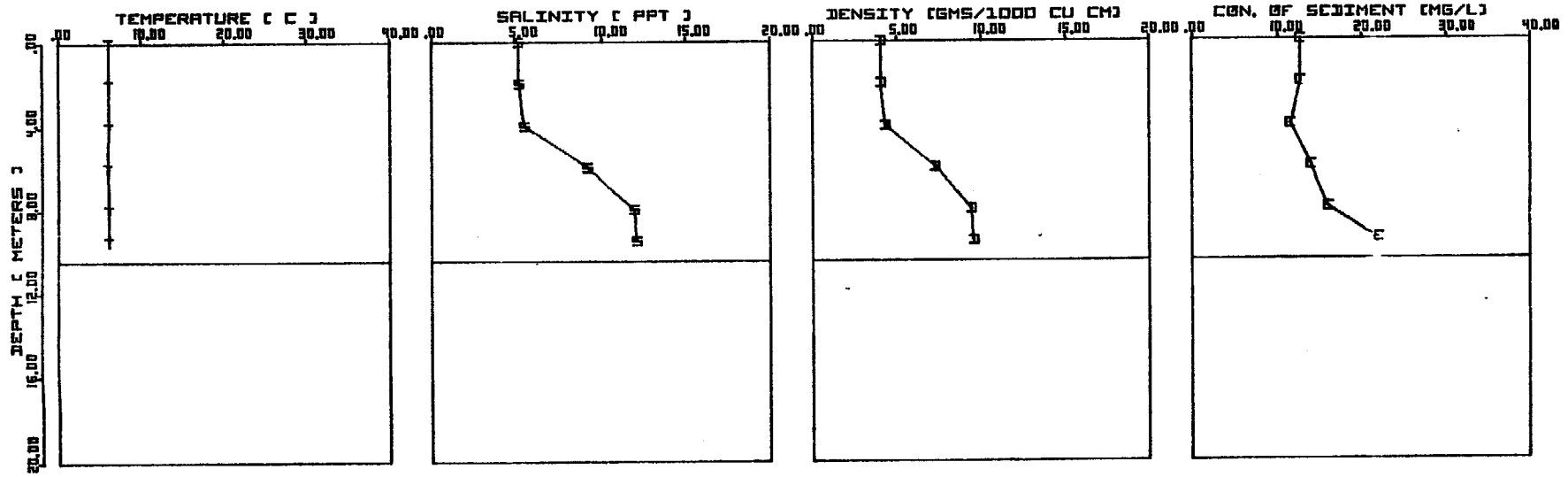
## UPPER BAY SURVEY STATION 07A

TIME [ 1302-1310 ] 03/21/74



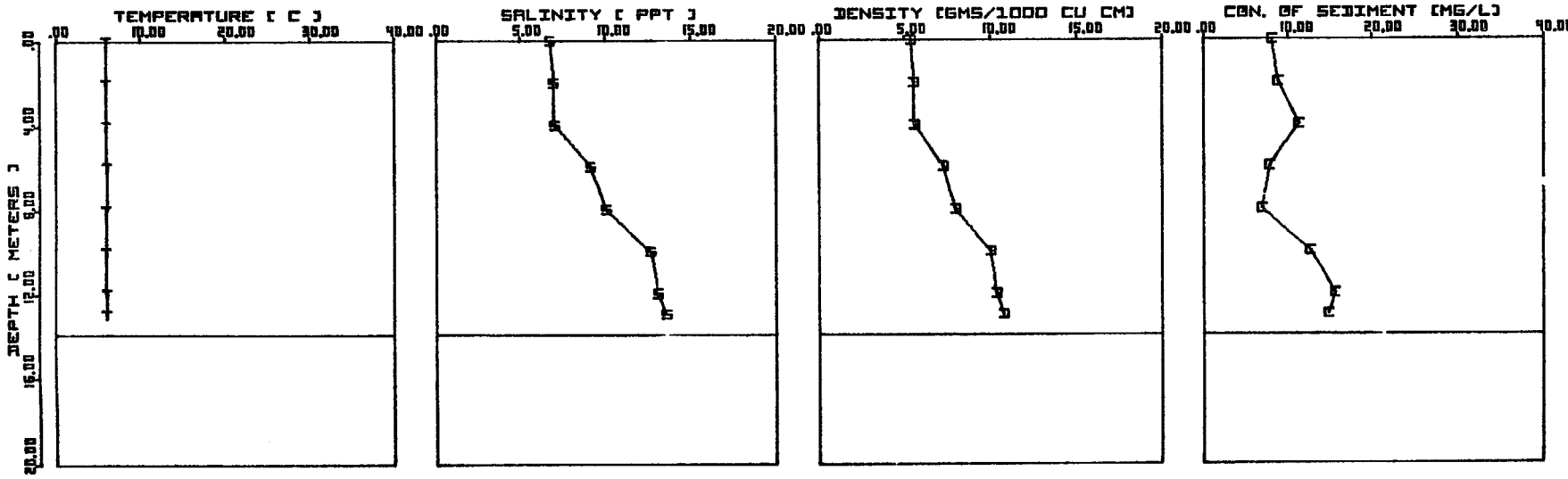

## UPPER BAY SURVEY STATION 08C

TIME [ 0837-0845 ] 03/20/74



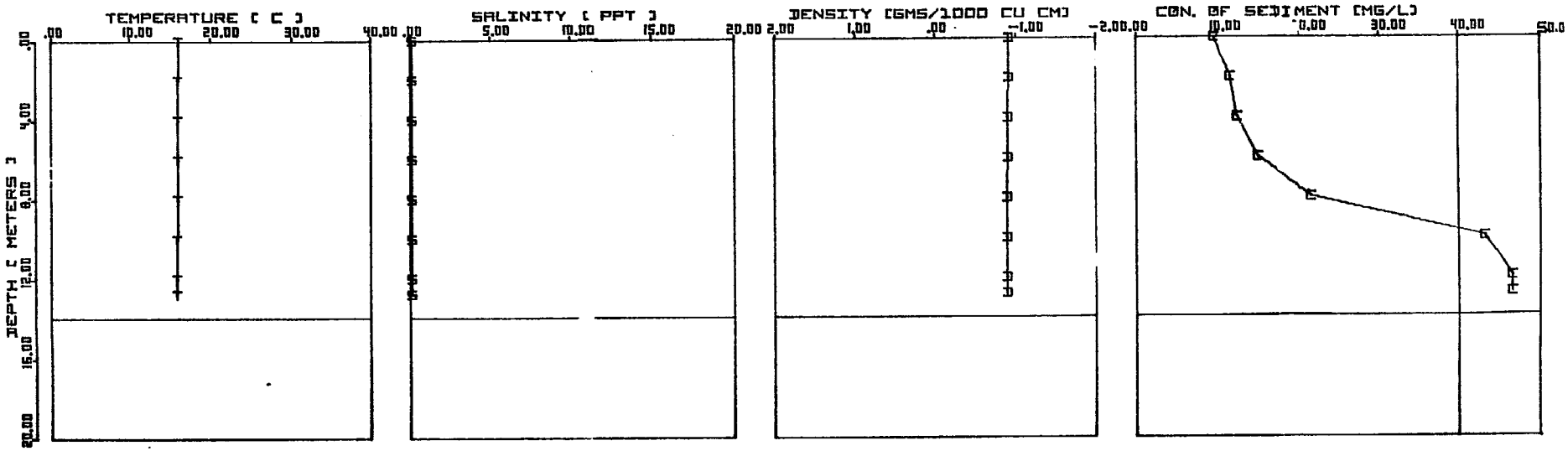
# UPPER BAY SURVEY STATION 11B

TIME [ 0840-0854 ]  03/20/74



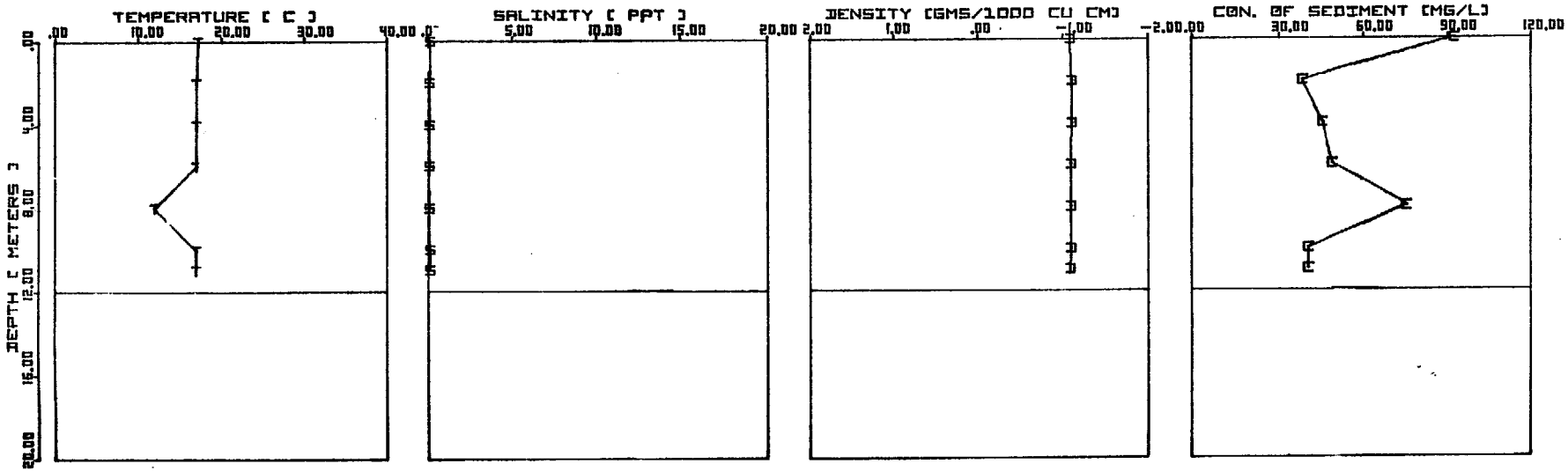
# UPPER BAY SURVEY STATION 01A

TIME [ 1053-1107 ]  05/03/74



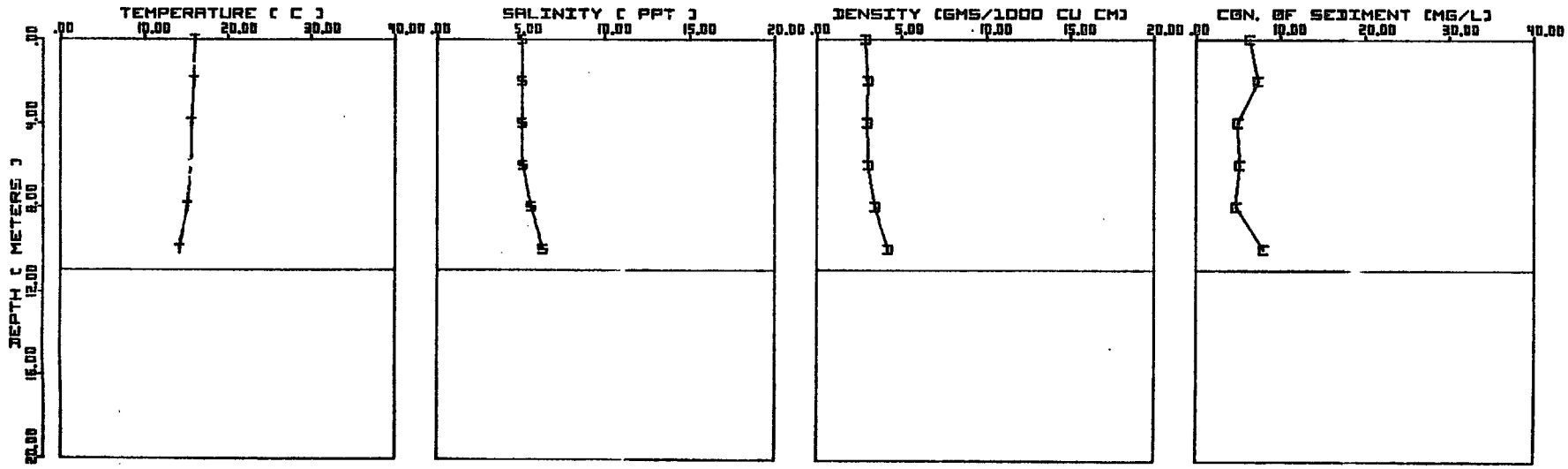

# UPPER BAY SURVEY STATION 04B

TI. E [ 1230-1242 ]  05/02/74



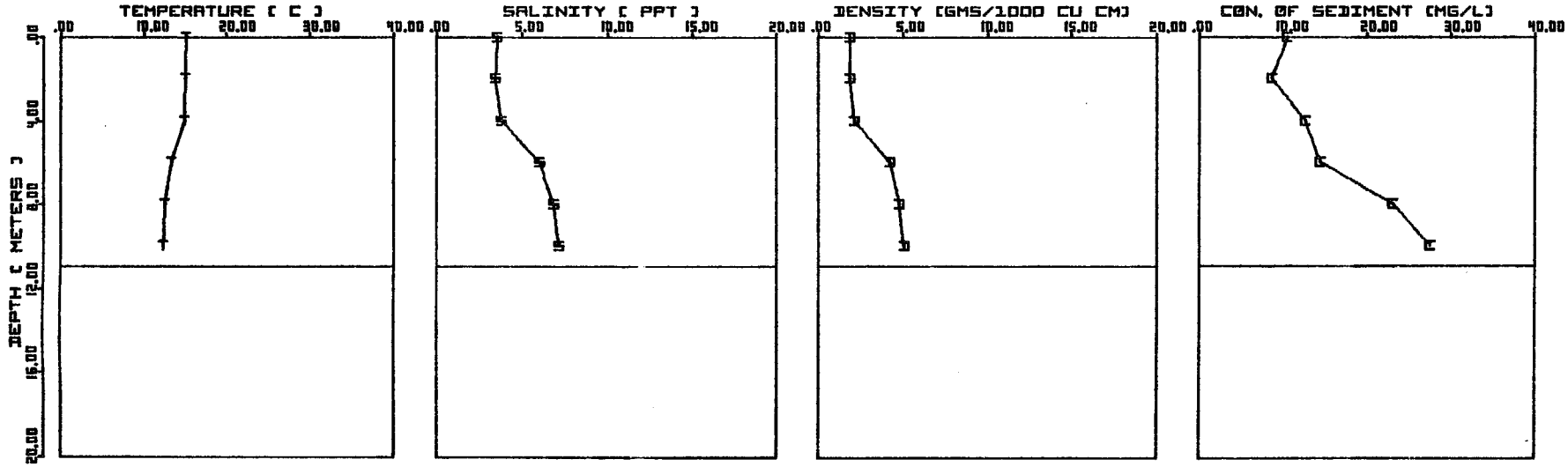
## UPPER BAY SURVEY STATION 07A

TIME [ 1400-1410 ] 05/02/74



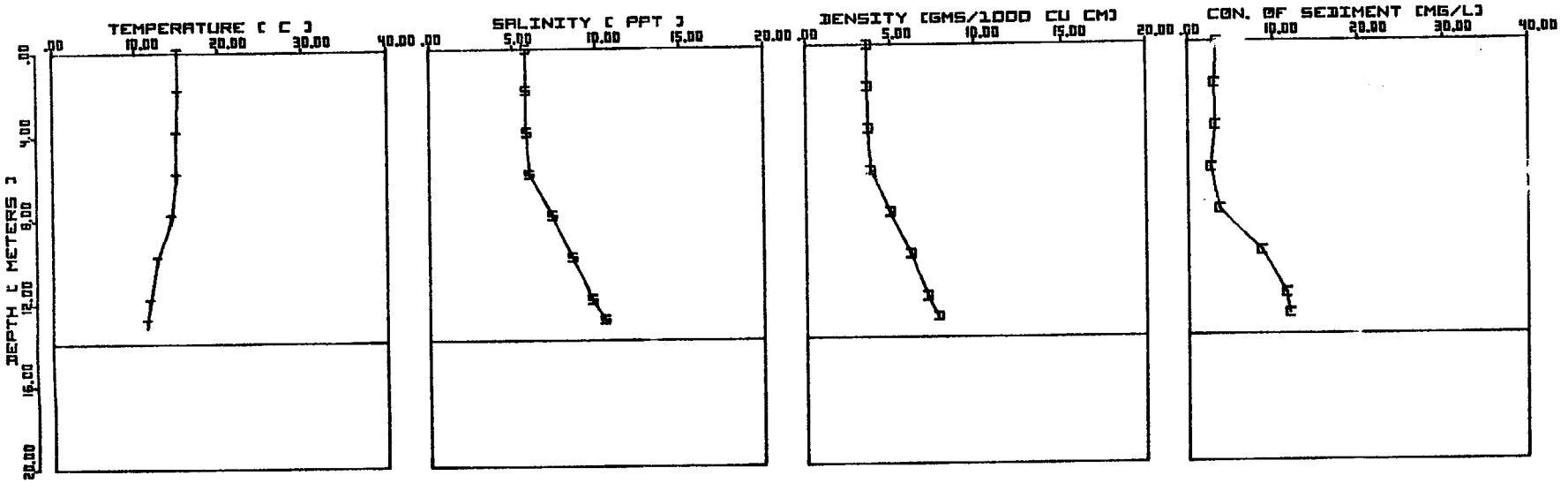

## UPPER BAY SURVEY STATION 08C

TIME [ 0800-0810 ] 05/02/74



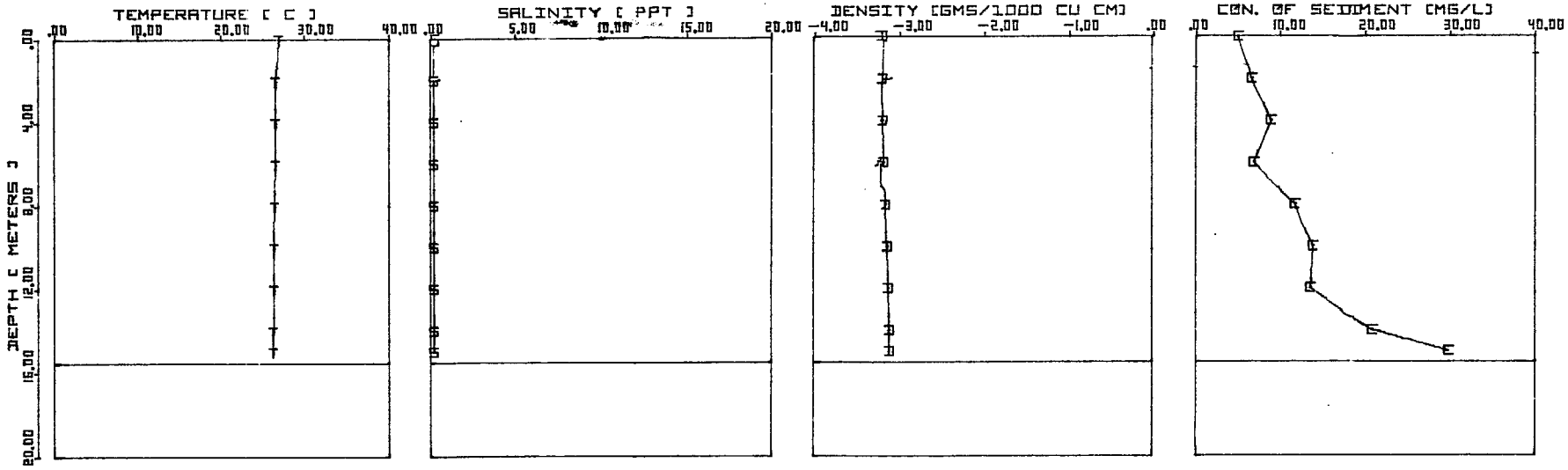
# UPPER BAY SURVEY STATION 11B

TIME [ 1015-1029 ]  05/01/74



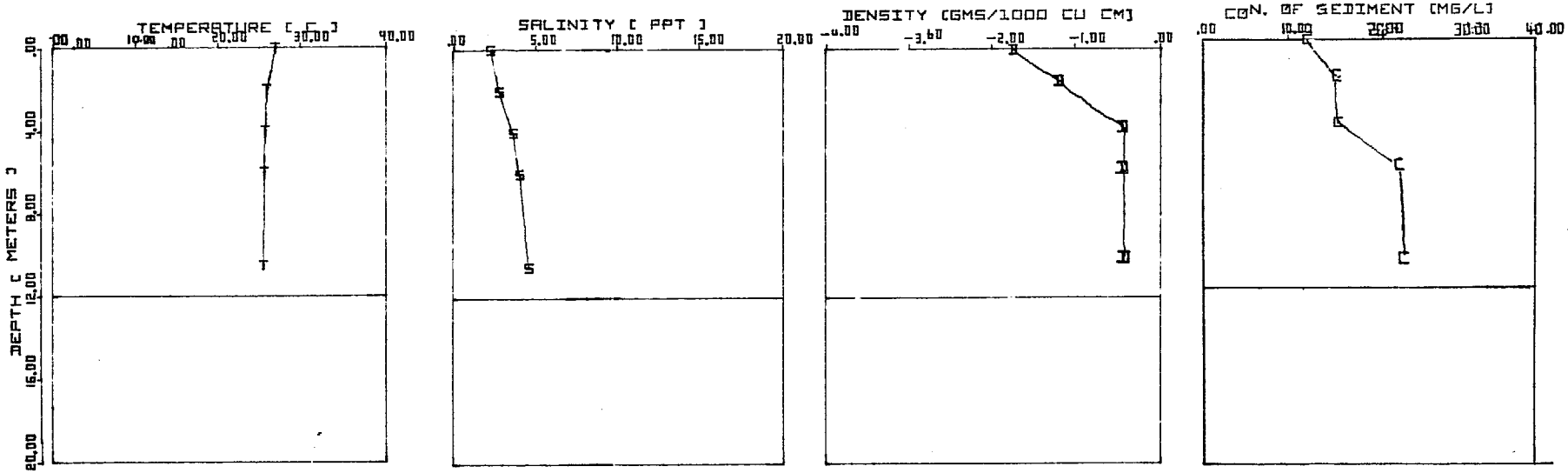
# UPPER BAY SURVEY STATION 01A

TIME [ 1540-1556 ] 07/31/74



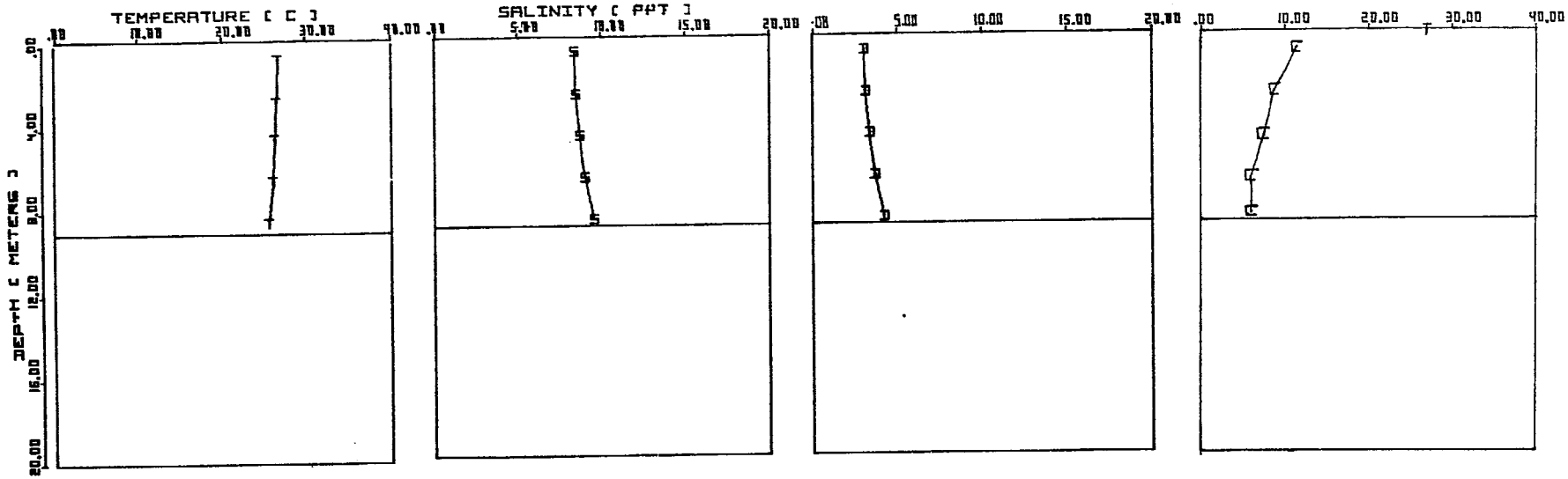

# UPPER BAY SURVEY STATION 04B

TIME [ 1140-1150 ] 07/31/74



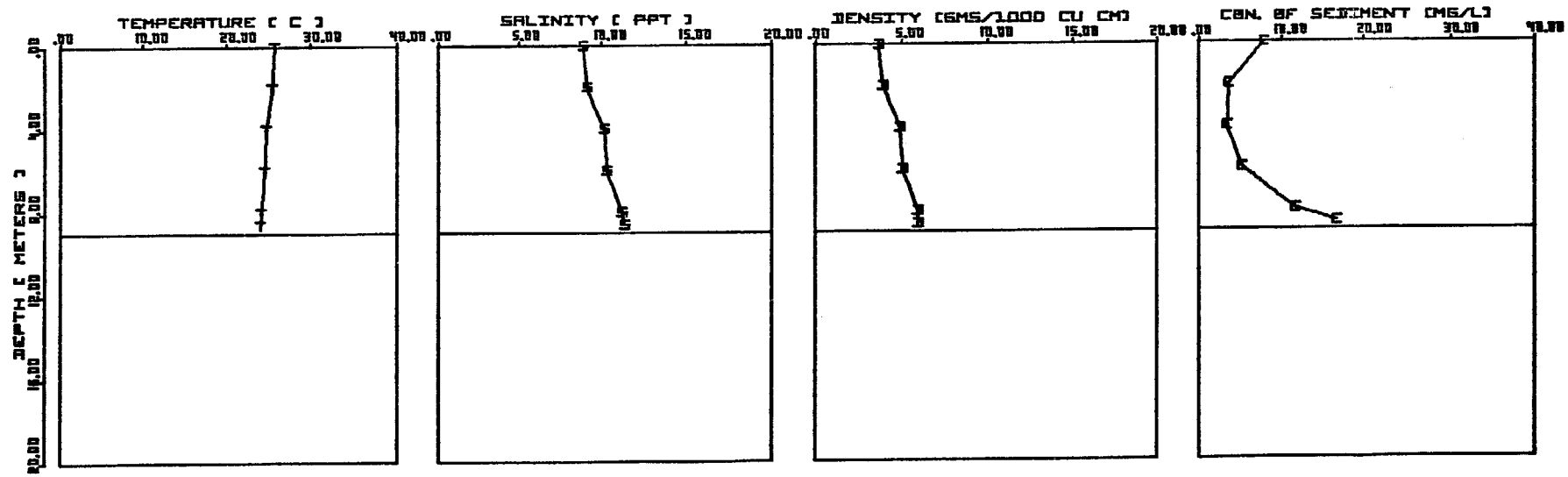
# UPPER BAY SURVEY STATION 07A

TIME [ 0910-0916 ] 08/01/74



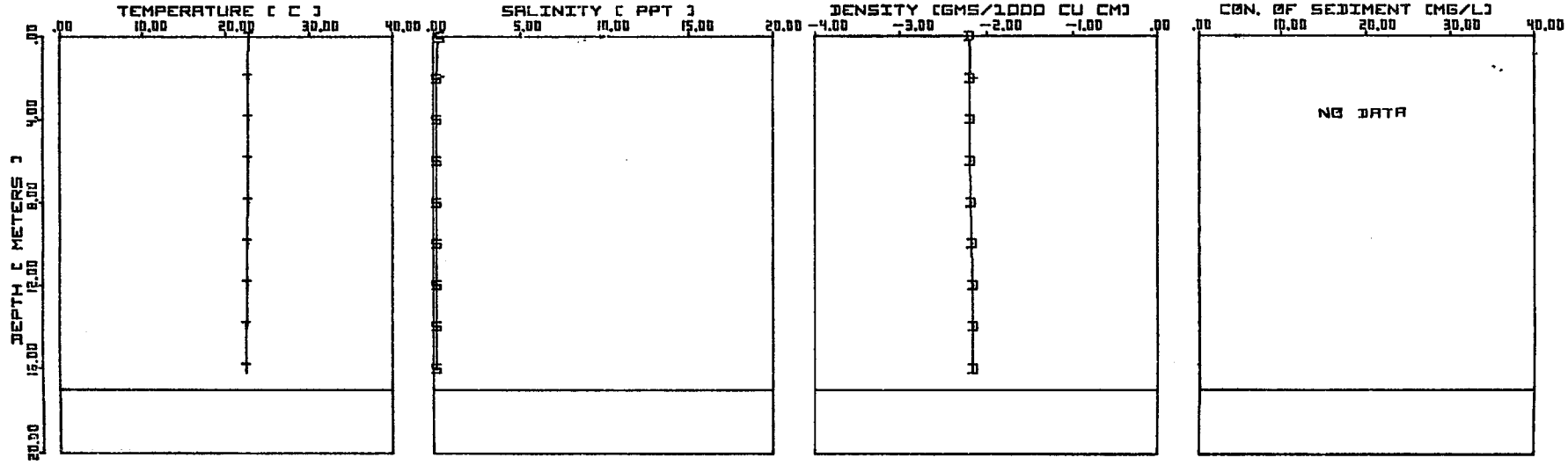

# UPPER BAY SURVEY STATION 08C

TIME [ 0820-0830 ] 07/31/74



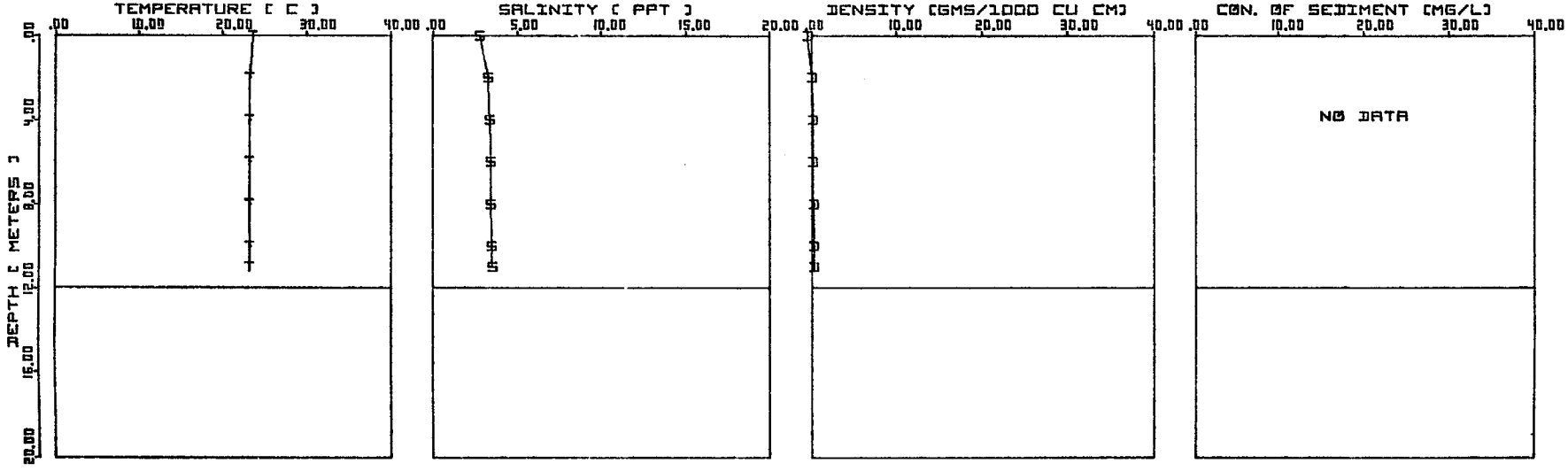
# UPPER BAY SURVEY STATION 01A

TIME [ 1002-1040 ]  09/20/74



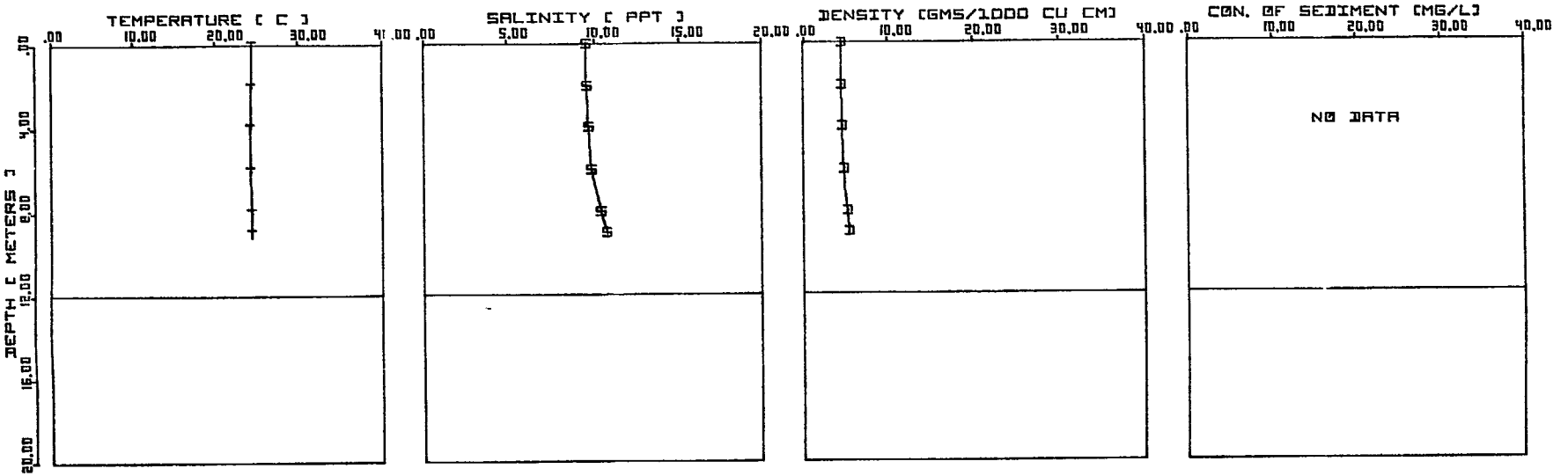

# UPPER BAY SURVEY STATION 04B

TIME [ 1115-1127 ]  09/18/74



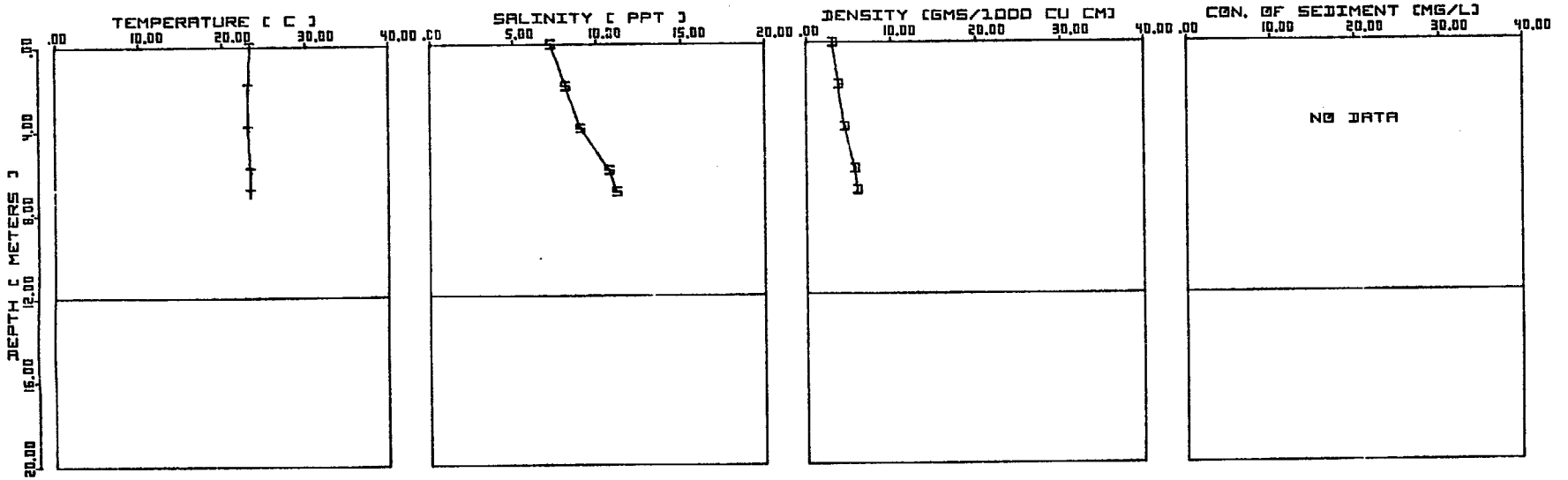
# UPPER BAY SURVEY STATION 07A

TIME [ 1423-1433 ] 09/18/74



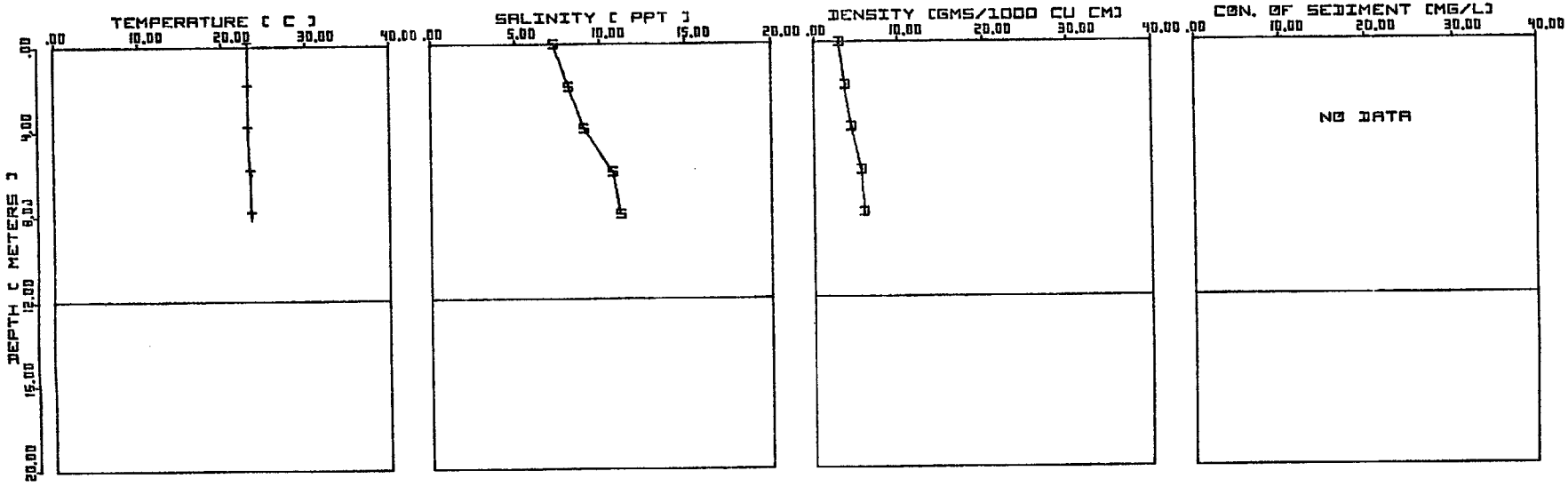

# UPPER BAY SURVEY STATION 08B

TIME [ 1230-1239 ] 09/18/74



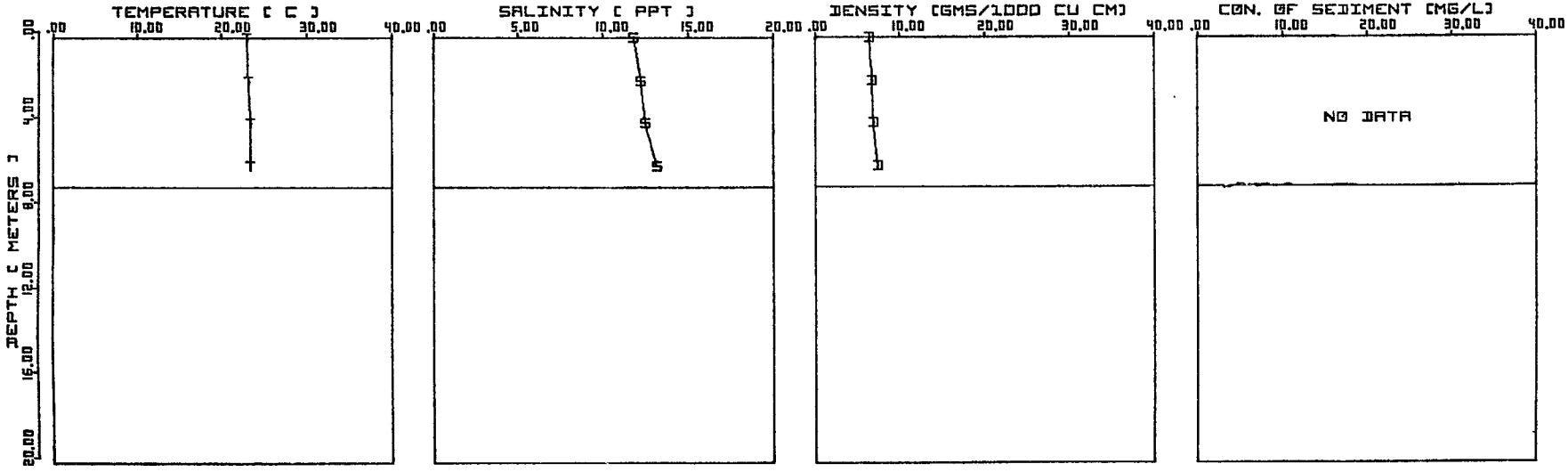
# UPPER BAY SURVEY STATION 09A

TIME ( 1005-1013 ) 09/18/74




# UPPER BAY SURVEY STATION 11A

TIME ( 0724-0730 ) 09/18/74



## 3. STREAM FLOW

### 3.1 Susquehanna River, December 1973 through December 1974

SUSQUEHANNA RIVER AT CONOWINGO, MD.
DRAINAGE AREA 27,100.000 SQ MI

DISCHARGE, IN CUBIC FEET PER SECOND,

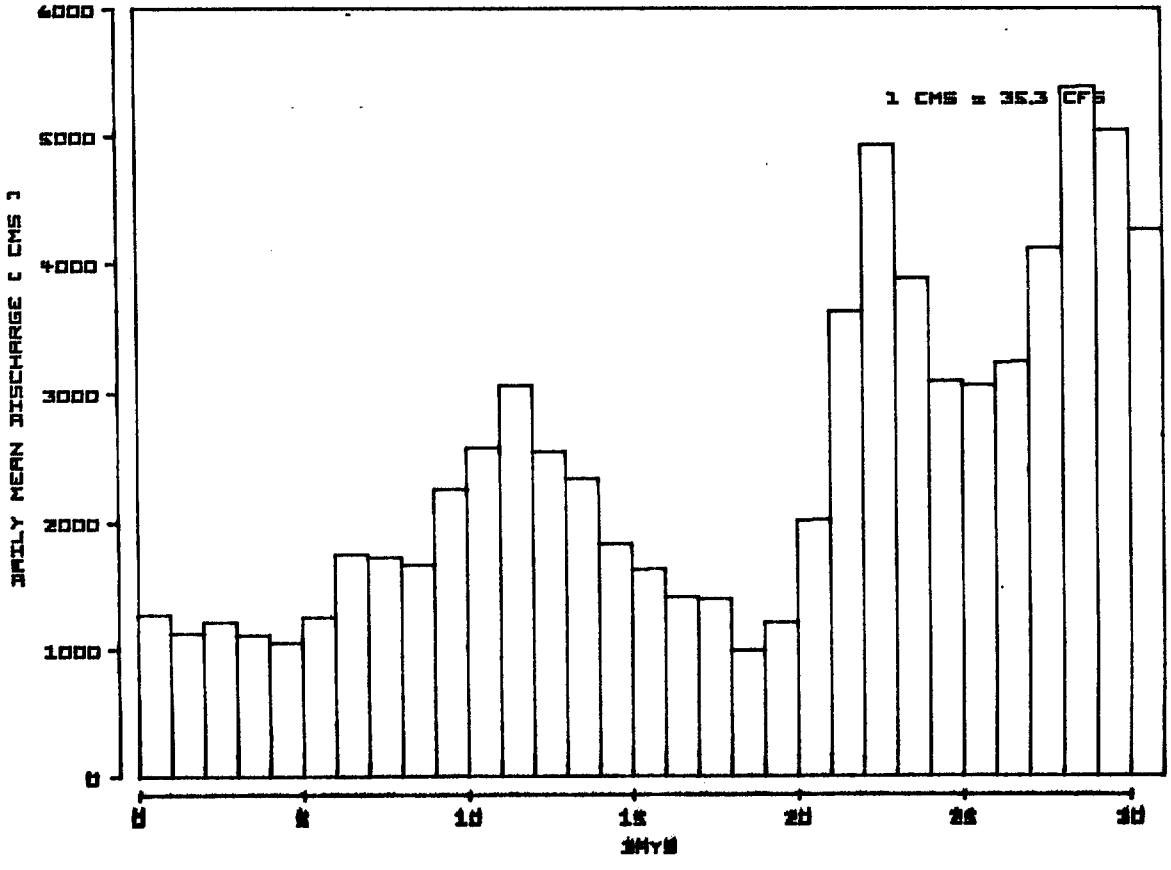
| DAY | DEC | JAN | FEB | MAR | APR | MAY | JUN |
|---|---|---|---|---|---|---|---|
| 1 | 45,100 | 113,000 | 108,000 | 50,100 | 83,700 | 32,300 | 18,200 |
| 2 | 39,800 | 107,000 | 86,900 | 37,500 | 96,600 | 28,900 | 15,600 |
| 3 | 42,800 | 88,000 | 76,500 | 34,700 | 100,000 | 35,600 | 29,000 |
| 4 | 39,100 | 82,400 | 75,400 | 42,300 | 146,000 | 27,700 | 29,500 |
| 5 | 37,100 | 74,300 | 67,700 | 43,000 | 198,000 | 26,400 | 24,700 |
| 6 | 44,200 | 52,500 | 54,500 | 50,700 | 194,000 | 37,400 | 22,700 |
| 7 | 61,300 | 53,500 | 48,700 | 48,200 | 156,000 | 33,100 | 22,700 |
| 8 | 60,900 | 53,000 | 43,700 | 80,100 | 141,000 | 29,600 | 12,900 |
| 9 | 53,800 | 46,900 | 32,800 | 71,700 | 119,000 | 32,100 | 6,610 |
| 10 | 79,800 | 43,500 | 25,100 | 83,300 | 110,000 | 33,600 | 25,600 |
| 11 | 90,900 | 44,000 | 35,100 | 123,000 | 95,500 | 27,300 | 14,200 |
| 12 | 108,000 | 36,000 | 27,700 | 127,000 | 84,400 | 24,900 | 12,500 |
| 13 | 89,800 | 28,200 | 29,400 | 108,000 | 84,000 | 50,800 | 15,300 |
| 14 | 82,600 | 40,200 | 36,000 | 82,500 | 84,300 | 66,600 | 17,100 |
| 15 | 64,500 | 35,600 | 39,300 | 75,900 | 105,000 | 82,800 | 7,800 |
| 16 | 57,700 | 34,800 | 25,100 | 64,100 | 104,000 | 88,300 | 4,050 |
| 17 | 50,100 | 42,200 | 20,600 | 59,500 | 114,000 | 81,400 | 23,900 |
| 18 | 49,400 | 51,200 | 26,500 | 48,100 | 103,000 | 65,800 | 24,800 |
| 19 | 35,000 | 44,800 | 28,800 | 52,800 | 85,100 | 44,500 | 28,100 |
| 20 | 42,700 | 34,400 | 29,300 | 50,600 | 74,000 | 45,300 | 25,500 |
| 21 | 71,400 | 56,300 | 28,900 | 45,900 | 60,800 | 48,900 | 28,600 |
| 22 | 128,000 | 83,700 | 29,200 | 50,500 | 58,300 | 48,400 | 13,200 |
| 23 | 174,000 | 102,000 | 47,400 | 57,600 | 60,900 | 34,000 | 17,100 |
| 24 | 137,000 | 121,000 | 56,800 | 46,000 | 54,100 | 38,800 | 24,600 |
| 25 | 109,000 | 118,000 | 70,700 | 55,200 | 43,000 | 20,700 | 19,700 |
| 26 | 108,000 | 114,000 | 81,000 | 58,300 | 41,800 | 24,600 | 20,700 |
| 27 | 114,000 | 91,700 | 74,500 | 49,600 | 30,000 | 25,900 | 24,500 |
| 28 | 145,000 | 93,300 | 62,200 | 45,900 | 32,000 | 29,800 | 20,400 |
| 29 | 190,000 | 106,000 | ------ | 46,100 | 35,000 | 31,100 | 19,200 |
| 30 | 178,000 | 122,000 | ------ | 44,300 | 32,200 | 27,700 | 14,900 |
| 31 | 150,000 | 122,000 | ------ | 55,100 | ------ | 27,000 | ------ |

SUSQUEHANNA RIVER AT CONOWINGO, MD.
DRAINAGE AREA 27,100.000 SQ MI

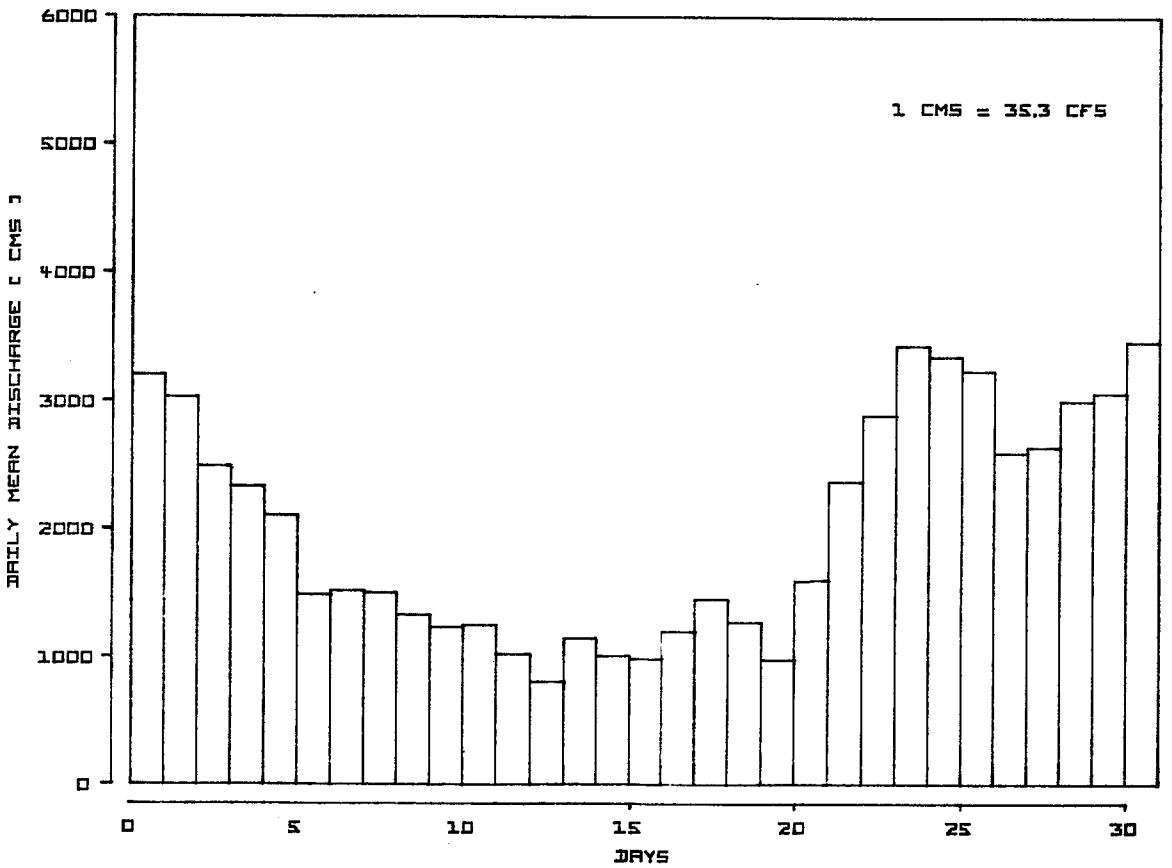
DISCHARGE, IN CUBIC FEET PER SECOND,

| DAY | JUL | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|---|
| 1 | 37,800 | 19,000 | 2,960 | 22,600 | 17,400 | 27,500 |
| 2 | 50,100 | 18,200 | 9,640 | 18,500 | 4,210 | 41,300 |
| 3 | 53,100 | 19,200 | 31,800 | 16,000 | 1,830 | 39,800 |
| 4 | 54,500 | 11,500 | 38,800 | 10,800 | 7,370 | 39,800 |
| 5 | 48,900 | 26,100 | 31,400 | 11,500 | 11,200 | 27,500 |
| 6 | 28,900 | 19,900 | 44,100 | 3,950 | 11,500 | 31,100 |
| 7 | 23,500 | 14,000 | 33,200 | 14,900 | 12,100 | 17,000 |
| 8 | 35,600 | 16,300 | 27,000 | 16,700 | 15,300 | 31,000 |
| 9 | 36,300 | 19,300 | 32,500 | 15,200 | 12,600 | 57,600 |
| 10 | 32,100 | 4,630 | 31,400 | 16,200 | 3,320 | 83,100 |
| 11 | 24,500 | 1,250 | 22,400 | 17,200 | 20,500 | 110,000 |
| 12 | 16,700 | 14,400 | 22,500 | 5,960 | 25,500 | 105,000 |
| 13 | 14,700 | 13,200 | 20,500 | 1,170 | 26,800 | 85,700 |
| 14 | 11,300 | 13,200 | 11,300 | 11,300 | 25,500 | 76,300 |
| 15 | 24,600 | 9,600 | 9,590 | 15,700 | 31,700 | 62,300 |
| 16 | 15,700 | 10,300 | 22,100 | 19,900 | 19,600 | 55,800 |
| 17 | 12,500 | 4,990 | 19,600 | 17,100 | 18,300 | 77,700 |
| 18 | 15,800 | 1,380 | 19,500 | 18,000 | 37,000 | 84,700 |
| 19 | 18,400 | 8,170 | 20,400 | 6,890 | 35,900 | 83,500 |
| 20 | 7,950 | 10,600 | 15,400 | 1,420 | 32,100 | 71,900 |
| 21 | 969 | 9,530 | 10,900 | 14,100 | 30,200 | 62,900 |
| 22 | 14,300 | 10,700 | 1,420 | 14,700 | 35,600 | 46,000 |
| 23 | 11,900 | 13,900 | 20,200 | 14,500 | 28,200 | 47,700 |
| 24 | 11,200 | 3,960 | 21,800 | 15,500 | 18,500 | 36,800 |
| 25 | 12,600 | 1,280 | 22,400 | 17,300 | 38,900 | 34,900 |
| 26 | 20,000 | 9,830 | 23,500 | 2,010 | 47,600 | 36,100 |
| 27 | 3,600 | 8,990 | 25,000 | 1,350 | 37,000 | 49,900 |
| 28 | 928 | 9,910 | 14,300 | 8,100 | 26,100 | 46,300 |
| 29 | 15,300 | 9,080 | 11,600 | 13,600 | 33,900 | 42,000 |
| 30 | 19,200 | 10,900 | 18,600 | 15,300 | 24,300 | 48,900 |
| 31 | 21,900 | 6,410 | ---- | 11,500 | ------ | 44,000 |

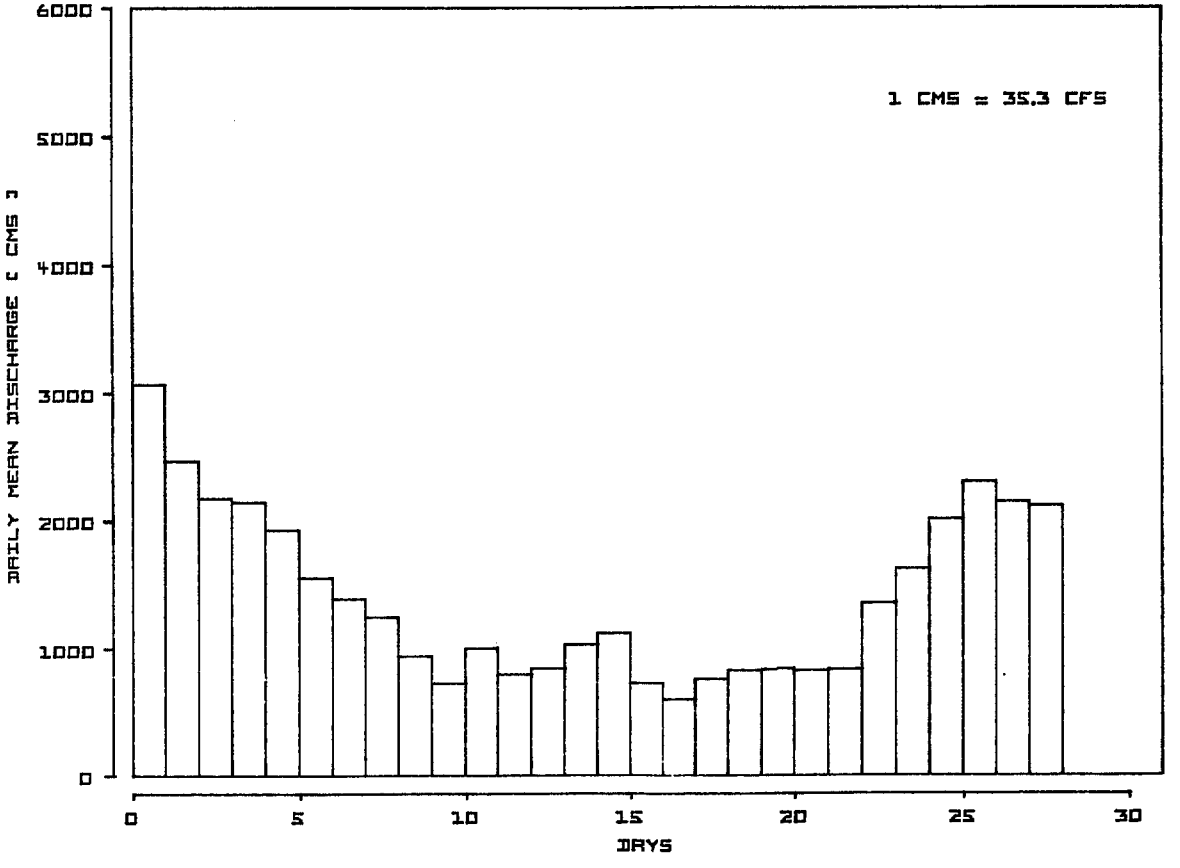
SUSQUEHANNA RIVER AT CONOWINGO, MARYLAND
DAILY MEAN DISCHARGE
DECEMBER 1973
[ MONTHLY AVERAGE IS 2453 CMS ]



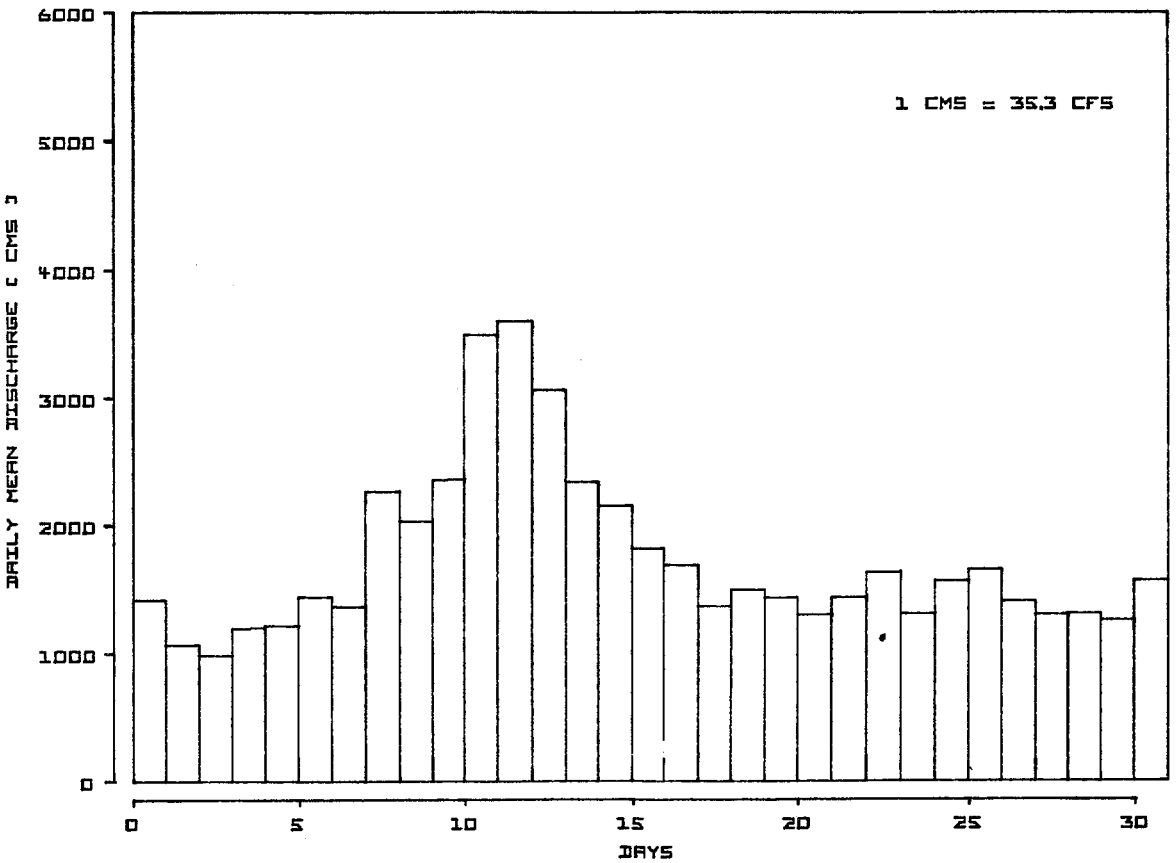
SUSQUEHANNA RIVER AT CONOWINGO, MARYLAND
DAILY MEAN DISCHARGE
JANUARY 1974
[ MONTHLY AVERAGE IS 2030 CMS ]



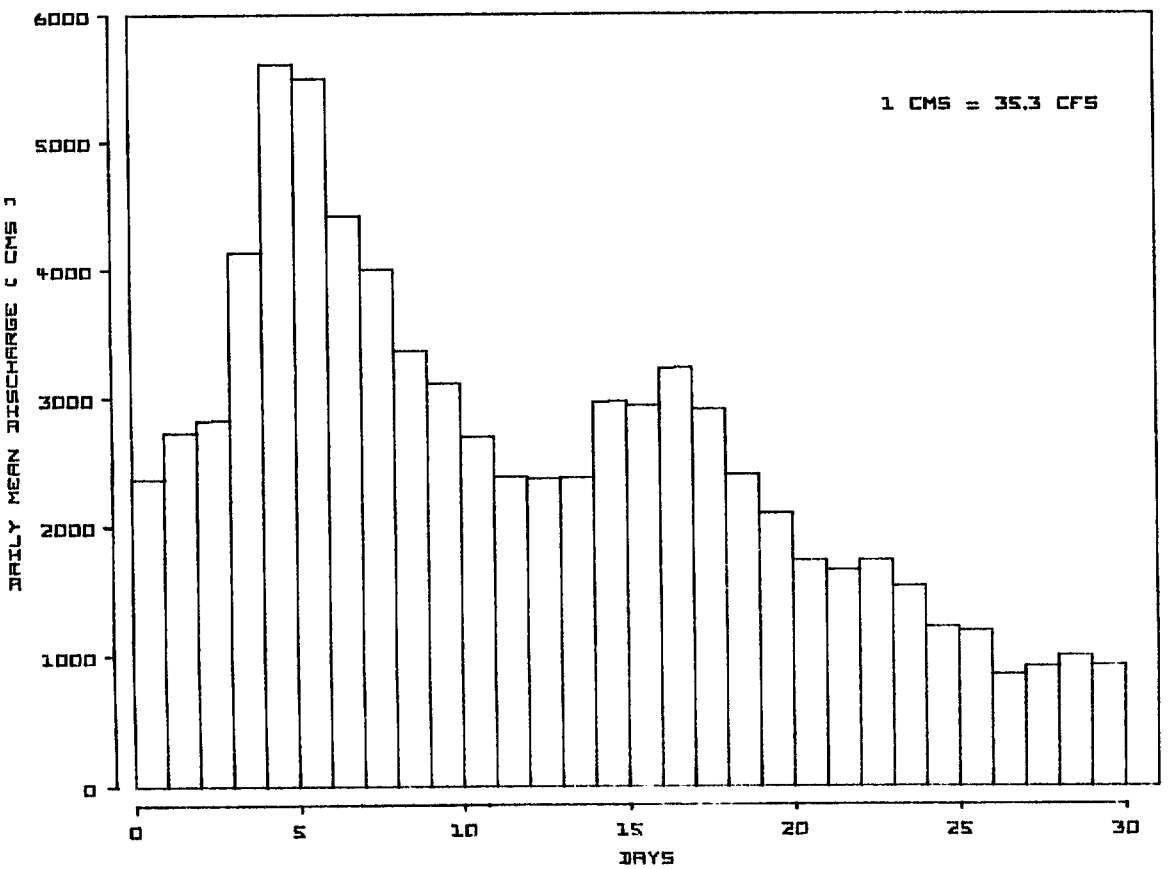
SUSQUEHANNA RIVER AT CONOWINGO, MARYLAND
DAILY MEAN DISCHARGE
FEBRUARY 1974
[ MONTHLY AVERAGE IS 1397 CMS ]



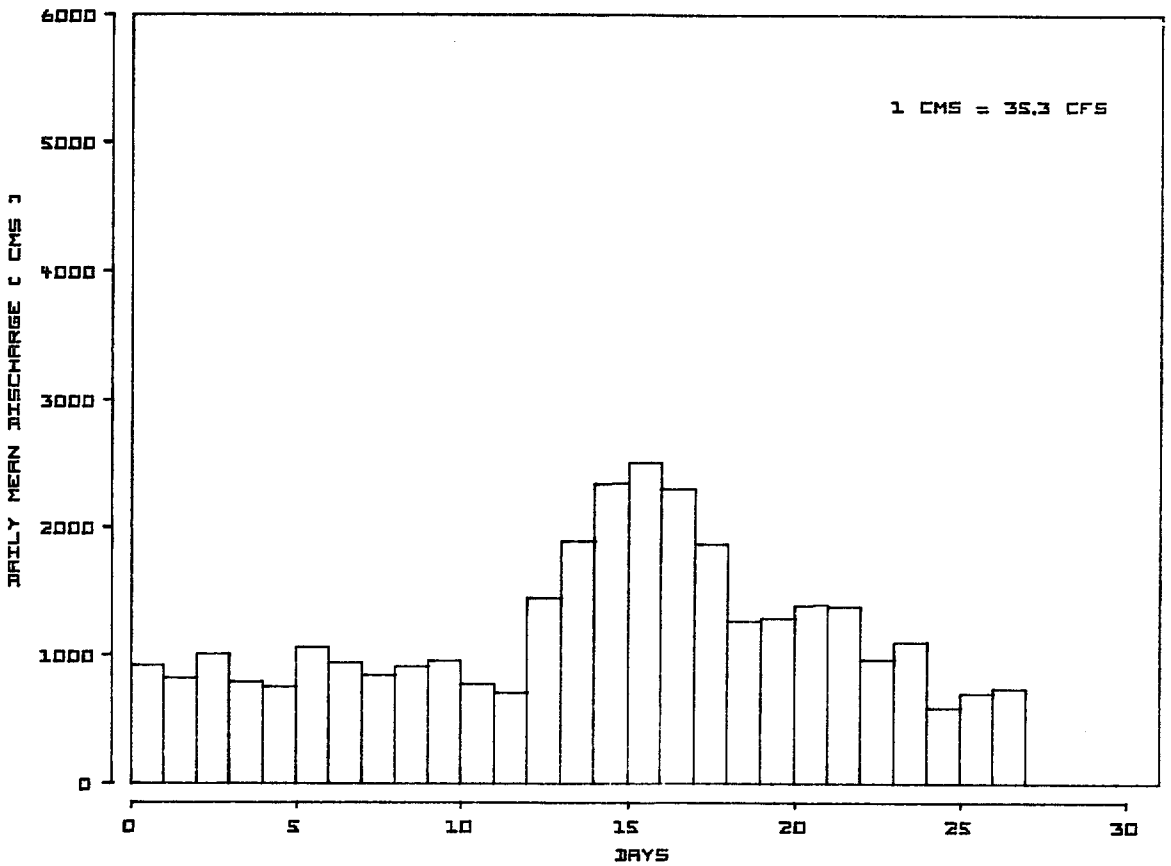
SUSQUEHANNA RIVER AT CONOWINGO, MARYLAND
DAILY MEAN DISCHARGE
MARCH 1974
[ MONTHLY AVERAGE IS 1725 CMS ]



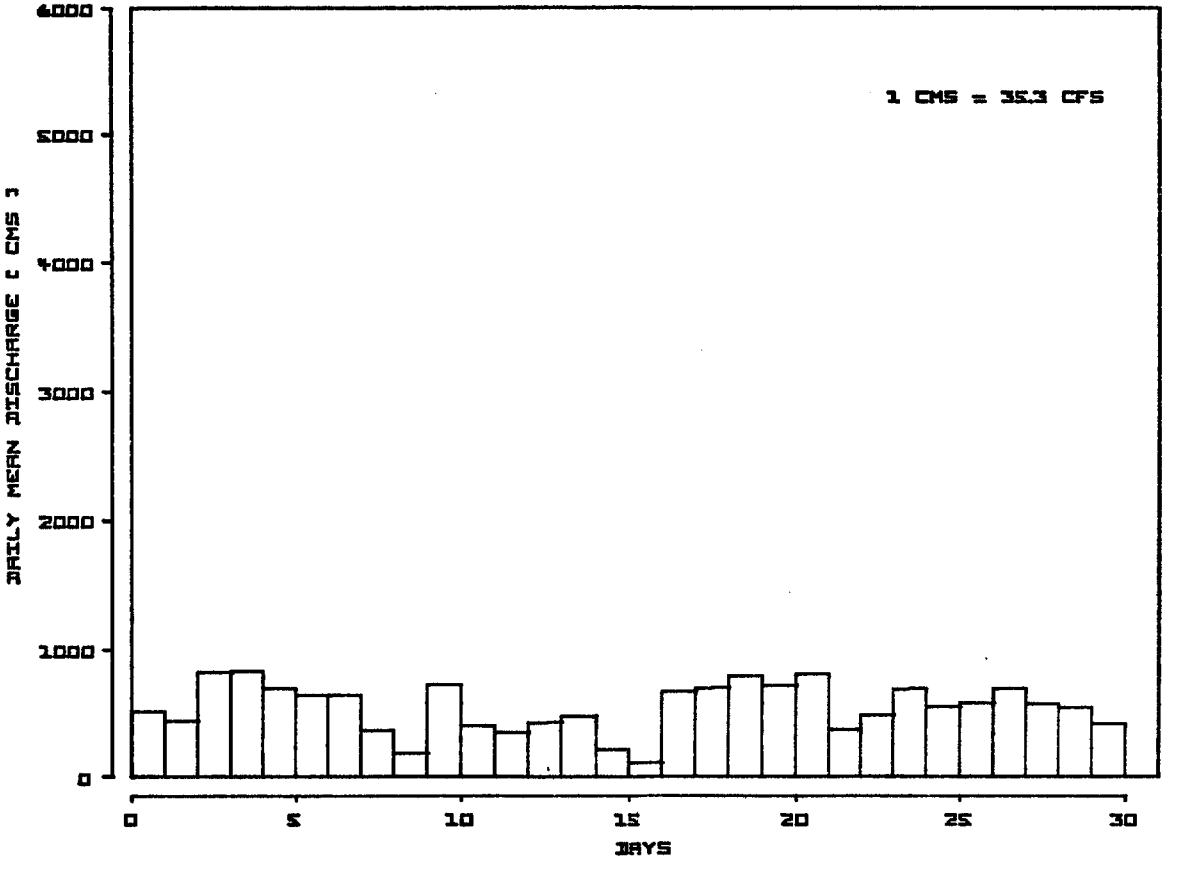
SUSQUEHANNA RIVER AT CONOWINGO, MARYLAND
DAILY MEAN DISCHARGE
APRIL 1974
[ MONTHLY AVERAGE IS 2574 CMS ]



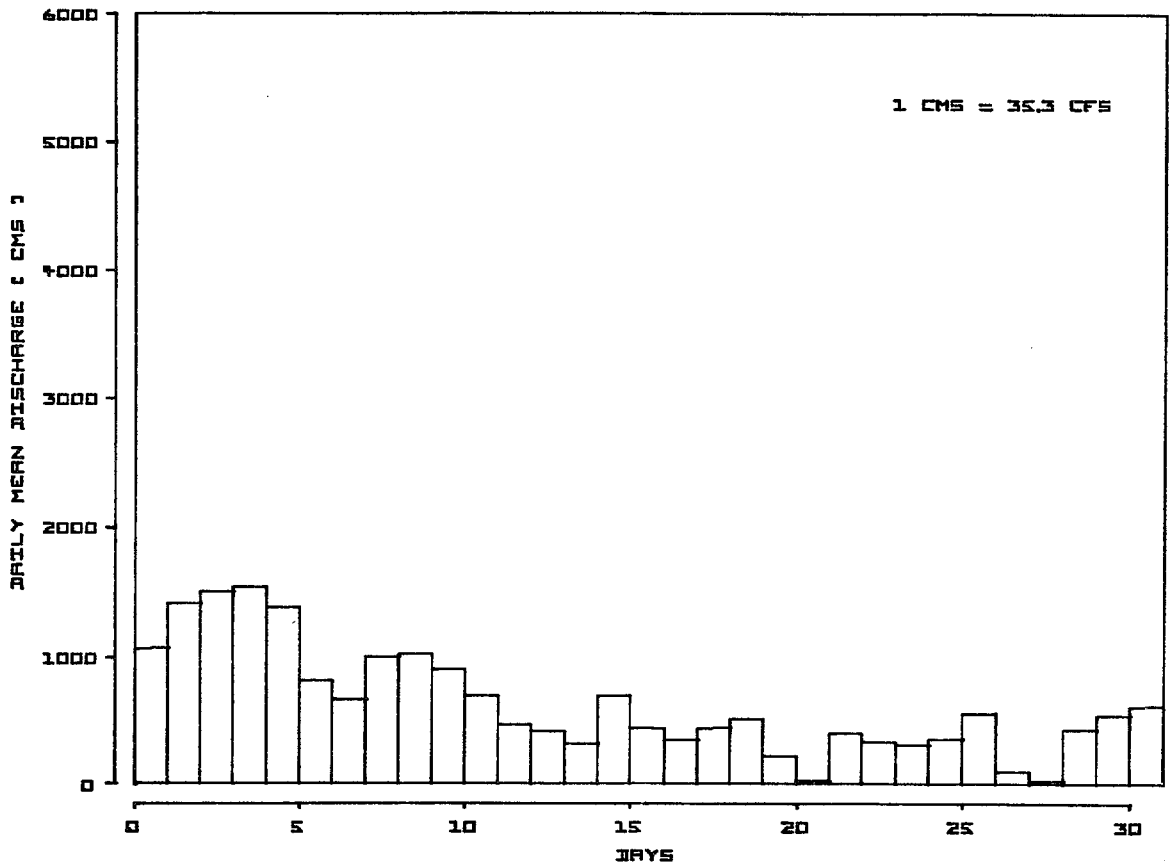
SUSQUEHANNA RIVER AT CONOWINGO, MARYLAND
DAILY MEAN DISCHARGE
MAY 1974
[ MONTHLY AVERAGE IS 1192 CMS ]



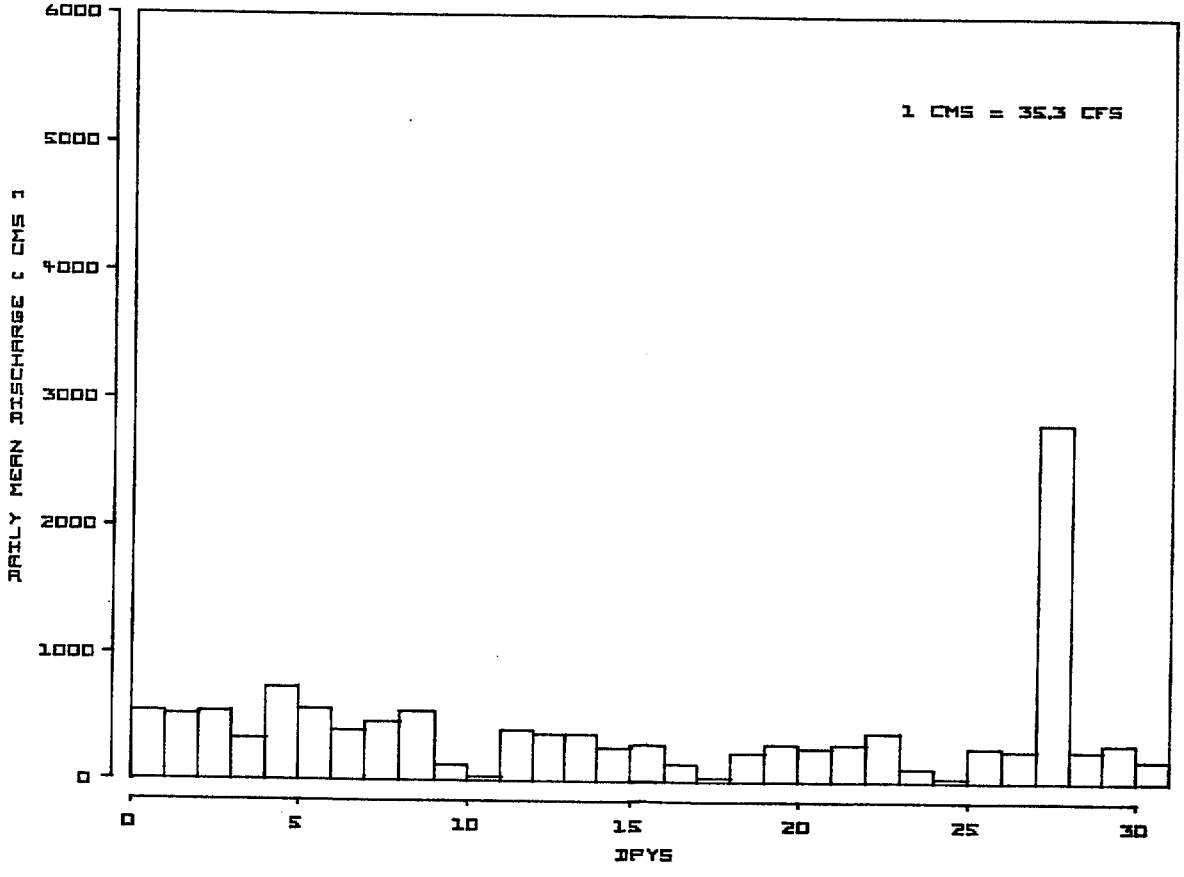
SUSQUEHANNA RIVER AT CONOWINGO, MARYLAND
DAILY MEAN DISCHARGE
JUNE 1974
( MONTHLY AVERAGE IS 551 CMS )



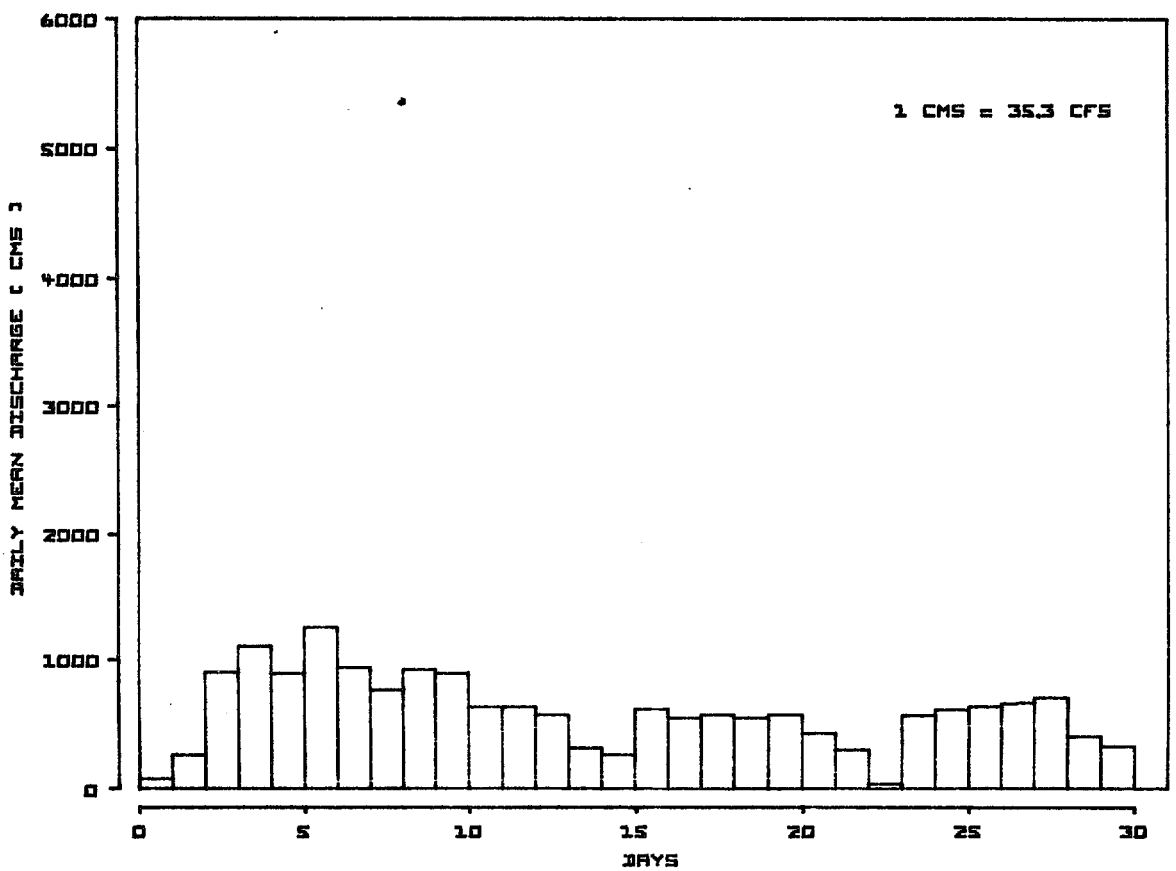
SUSQUEHANNA RIVER AT CONOWINGO, MARYLAND
DAILY MEAN DISCHARGE
JULY 1974
[ MONTHLY AVERAGE IS 635 CMS ]



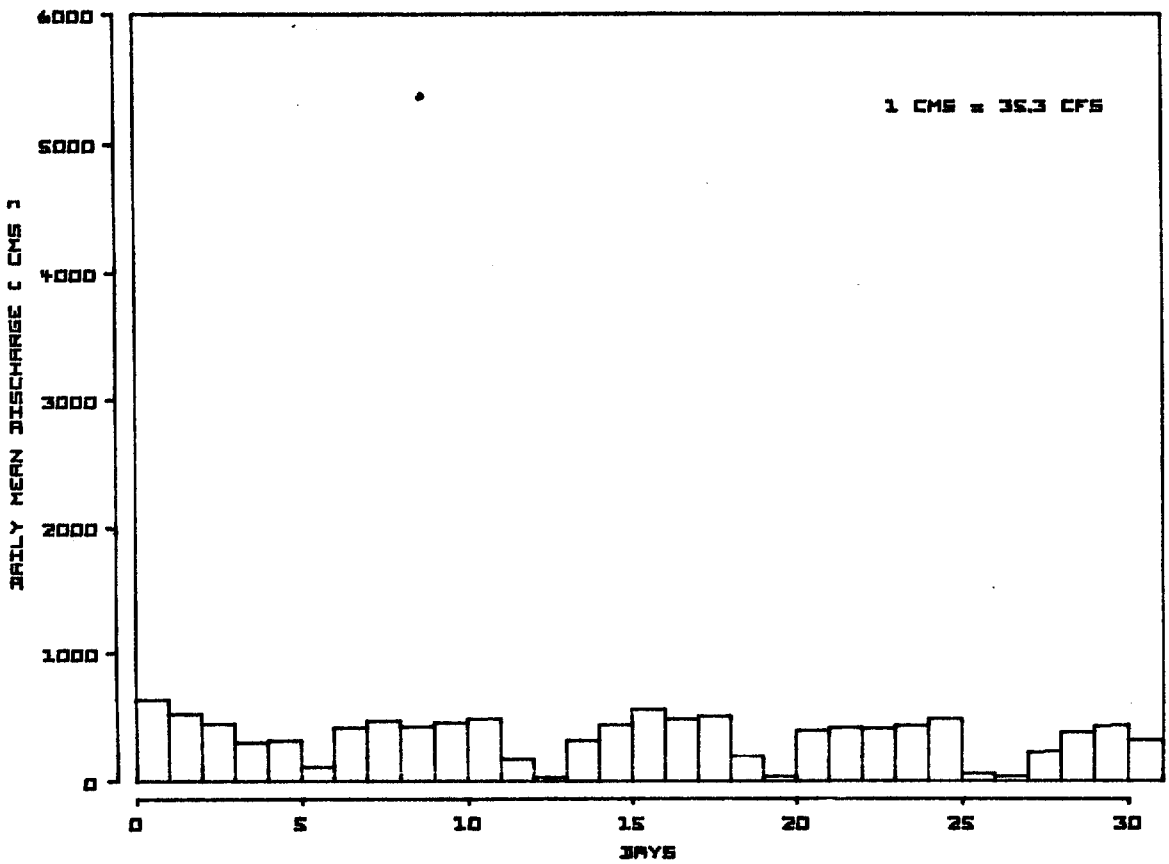
SUSQUEHANNA RIVER AT CONOWINGO, MARYLAND
DAILY MEAN DISCHARGE
AUGUST 1974
[ MONTHLY AVERAGE IS 402 CMS ]



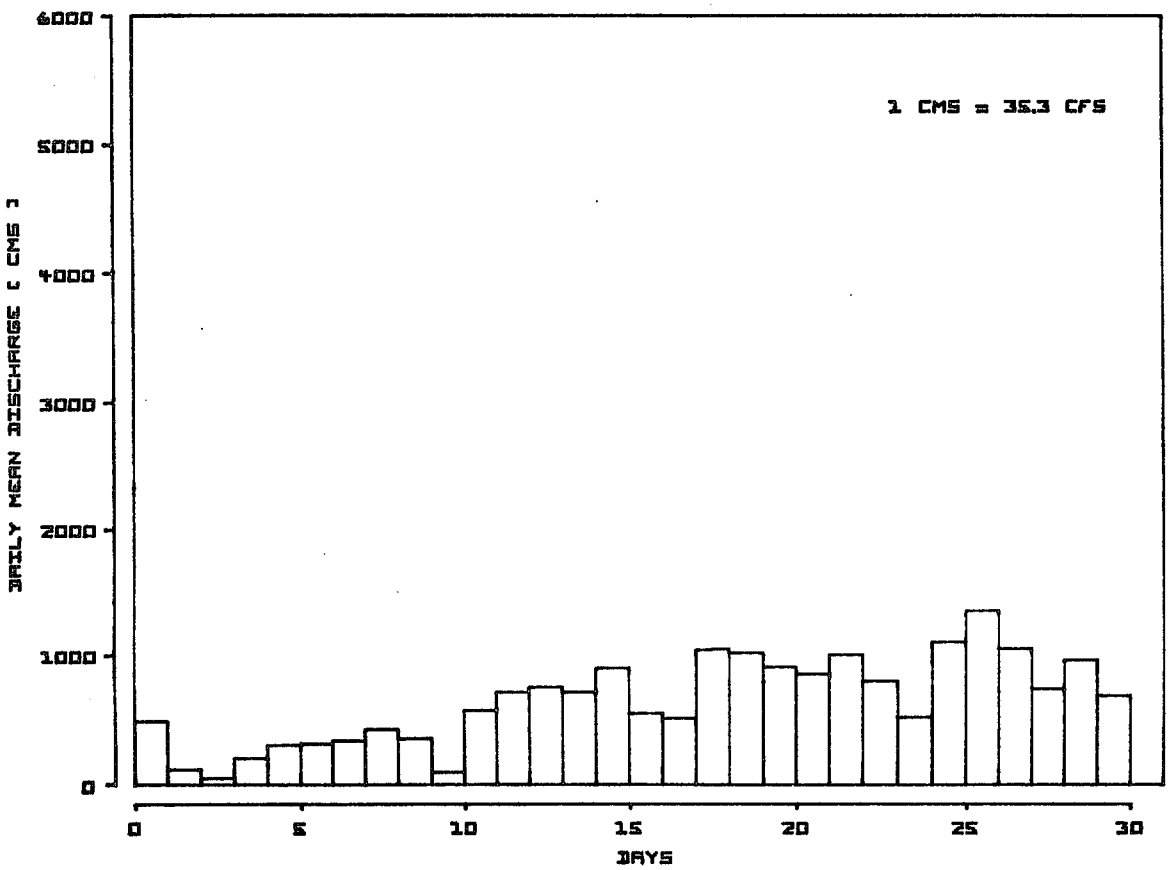
SUSQUEHANNA RIVER AT CONOWINGO, MARYLAND
DAILY MEAN DISCHARGE
SEPTEMBER 1974
( MONTHLY AVERAGE IS 602 CMS )



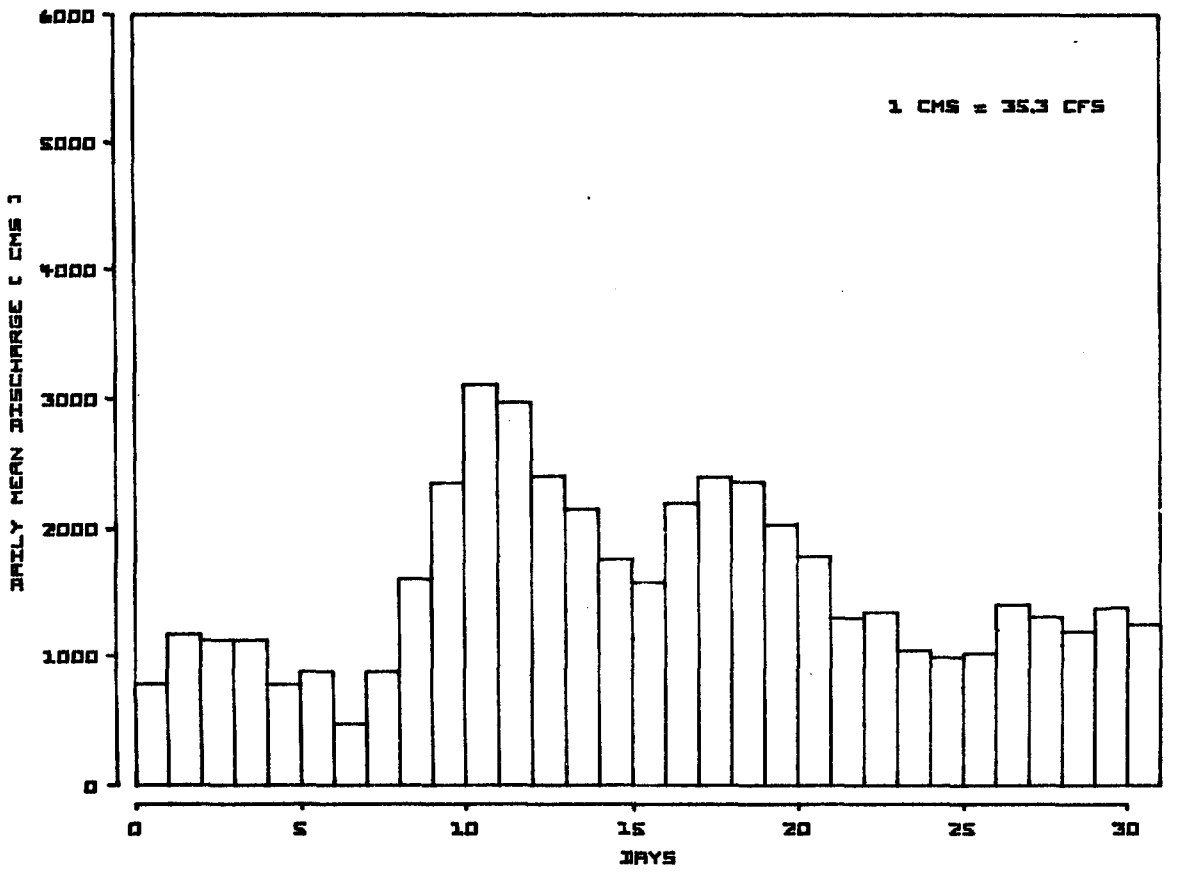
SUSQUEHANNA RIVER AT CONOWINGO, MARYLAND
DAILY MEAN DISCHARGE
OCTOBER 1974
[ MONTHLY AVERAGE IS 355 CMS ]



SUSQUEHANNA RIVER AT CONOWINGO, MARYLAND
DAILY MEAN DISCHARGE
NOVEMBER 1974
[ MONTHLY AVERAGE IS 652 CMS ]



SUSQUEHANNA RIVER AT CONOWINGO, MARYLAND
DAILY MEAN DISCHARGE
DECEMBER 1974
( MONTHLY AVERAGE IS 1556 CMS )



## 3.2 Patapsco River, December 1973 through December 1974

PATAPSCO RIVER AT HOLLOFIELD, MD.
DRAINAGE AREA 285.000 SQ MI

DISCHARGE, IN CUBIC FEET PER SECOND,

| DAY | DEC | JAN | FEB | MAR | APR | MAY | JUN |
|---|---|---|---|---|---|---|---|
| 1 | 71 | 157 | 136 | 108 | 287 | 124 | 179 |
| 2 | 65 | 137 | 136 | 108 | 235 | 121 | 550 |
| 3 | 65 | 132 | 151 | 111 | 204 | 149 | 419 |
| 4 | 65 | 204 | 134 | 108 | 292 | 136 | 263 |
| 5 | 140 | 150 | 120 | 105 | 291 | 120 | 199 |
| 6 | 162 | 137 | 120 | 103 | 243 | 125 | 160 |
| 7 | 95 | 130 | 134 | 107 | 199 | 118 | 132 |
| 8 | 84 | 121 | 139 | 108 | 226 | 118 | 122 |
| 9 | 388 | 130 | 130 | 110 | 467 | 149 | 116 |
| 10 | 183 | 170 | 128 | 115 | 258 | 169 | 106 |
| 11 | 117 | 379 | 452 | 105 | 215 | 127 | 101 |
| 12 | 98 | 310 | 117 | 108 | 202 | 269 | 97 |
| 13 | 96 | 182 | 130 | 102 | 293 | 377 | 90 |
| 14 | 116 | 160 | 146 | 98 | 268 | 174 | 88 |
| 15 | 96 | 150 | 125 | 97 | 213 | 145 | 86 |
| 16 | 90 | 154 | 116 | 103 | 190 | 131 | 121 |
| 17 | 93 | 156 | 121 | 113 | 178 | 122 | 120 |
| 18 | 102 | 138 | 119 | 98 | 170 | 144 | 95 |
| 19 | 104 | 133 | 117 | 98 | 166 | 147 | 87 |
| 20 | 143 | 132 | 127 | 98 | 163 | 133 | 84 |
| 21 | 1,190 | 558 | 113 | 187 | 155 | 116 | 84 |
| 22 | 275 | 296 | 123 | 177 | 156 | 106 | 93 |
| 23 | 165 | 204 | 123 | 122 | 183 | 198 | 147 |
| 24 | 142 | 178 | 108 | 112 | 165 | 209 | 131 |
| 25 | 123 | 187 | 114 | 104 | 162 | 238 | 96 |
| 26 | 825 | 168 | 106 | 102 | 147 | 175 | 100 |
| 27 | 750 | 176 | 104 | 101 | 139 | 153 | 119 |
| 28 | 241 | 162 | 107 | 99 | 135 | 155 | 105 |
| 29 | 183 | 168 | ------ | 105 | 134 | 132 | 133 |
| 30 | 163 | 149 | ------ | 1,000 | 131 | 135 | 108 |
| 31 | 146 | 143 | ------ | 813 | ------ | 137 | ------ |

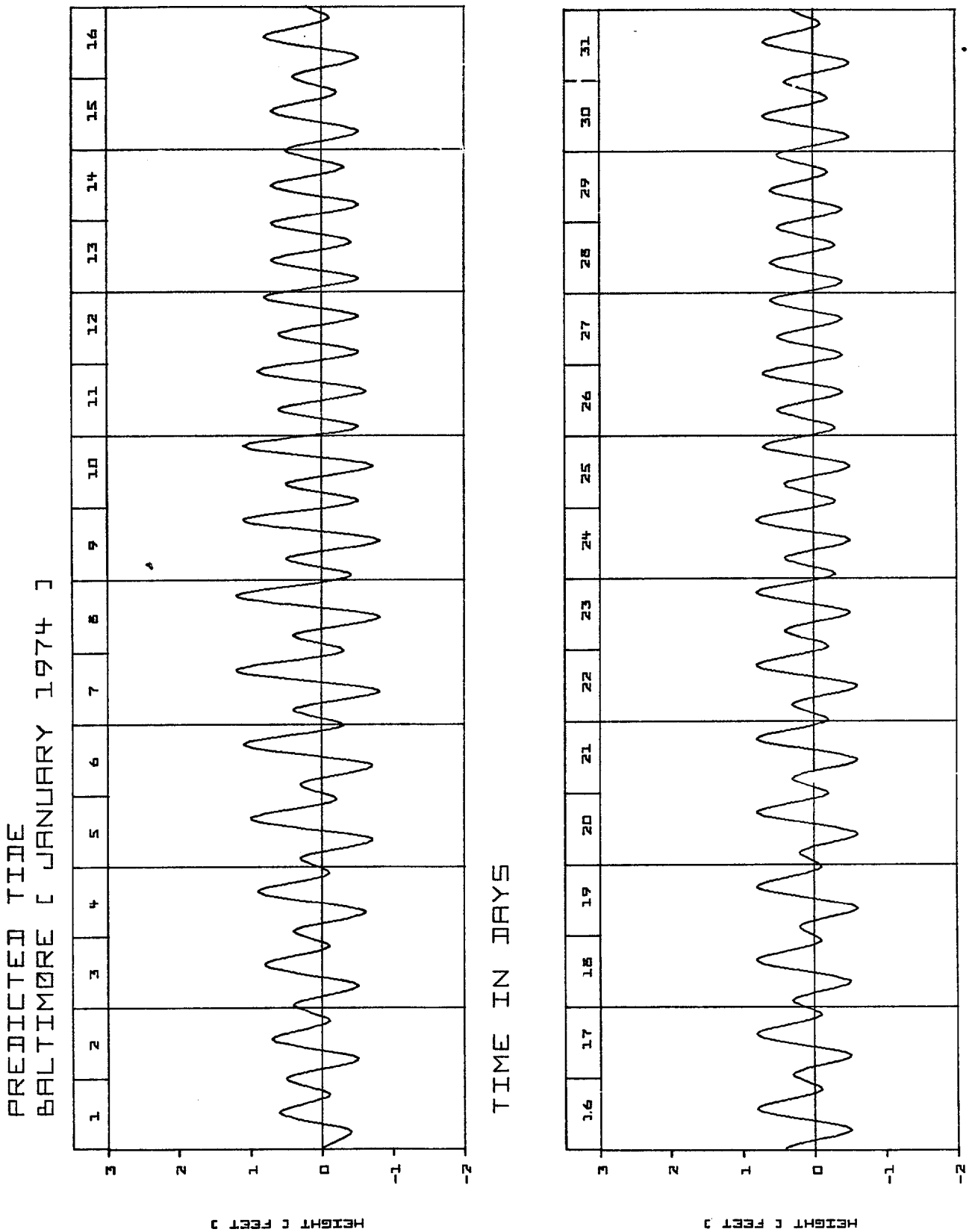
PATAPSCO RIVER AT HOLLOFIELD, MD.
DRAINAGE AREA 285.000 SQ MI

DISCHARGE, IN CUBIC FEET PER SECOND,

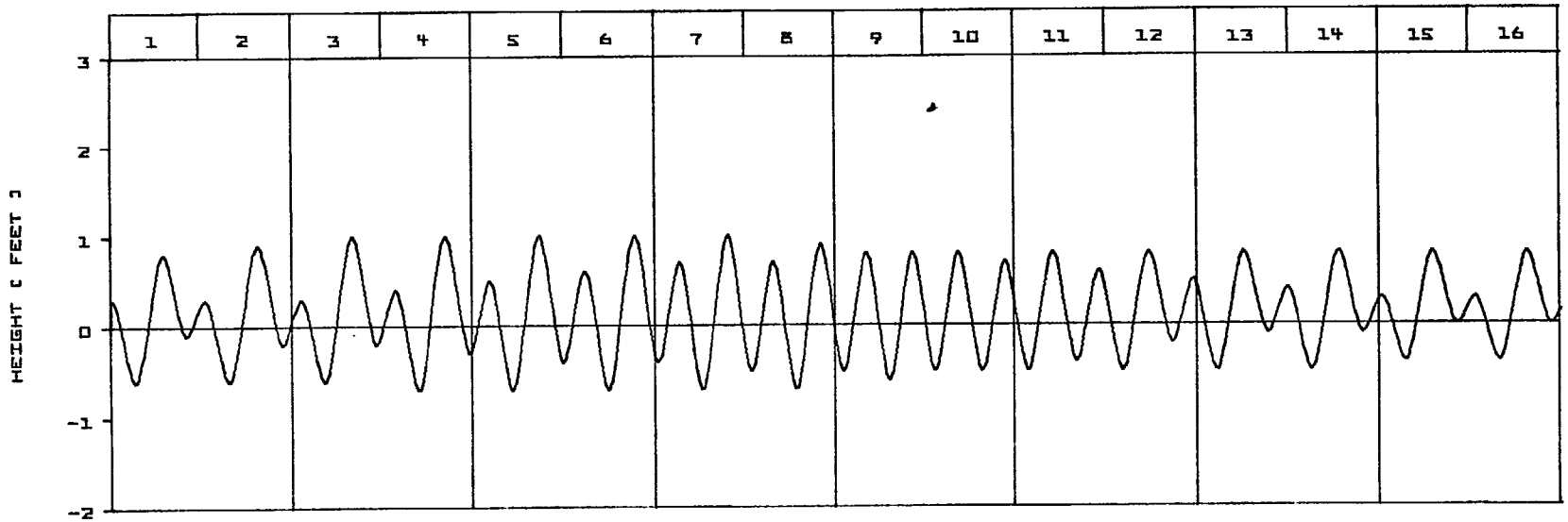
| DAY | JUL | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|---|
| 1 | 92 | 50 | 49 | 68 | 50 | 173 |
| 2 | 85 | 50 | 311 | 62 | 50 | 1,320 |
| 3 | 78 | 50 | 208 | 58 | 50 | 206 |
| 4 | 73 | 50 | 185 | 56 | 50 | 134 |
| 5 | 86 | 55 | 83 | 58 | 56 | 109 |
| 6 | 90 | 50 | 76 | 58 | 71 | 99 |
| 7 | 77 | 52 | 245 | 58 | 52 | 92 |
| 8 | 71 | 49 | 115 | 56 | 50 | 544 |
| 9 | 65 | 50 | 85 | 55 | 48 | 215 |
| 10 | 63 | 56 | 75 | 55 | 49 | 138 |
| 11 | 64 | 48 | 71 | 55 | 49 | 116 |
| 12 | 57 | 43 | 71 | 54 | 69 | 109 |
| 13 | 56 | 45 | 111 | 56 | 99 | 104 |
| 14 | 55 | 46 | 329 | 57 | 64 | 105 |
| 15 | 54 | 44 | 123 | 57 | 81 | 98 |
| 16 | 54 | 40 | 84 | 127 | 71 | 903 |
| 17 | 54 | 43 | 73 | 105 | 61 | 292 |
| 18 | 53 | 46 | 67 | 73 | 57 | 177 |
| 19 | 52 | 88 | 63 | 63 | 56 | 147 |
| 20 | 49 | 132 | 60 | 59 | 59 | 134 |
| 21 | 46 | 56 | 68 | 57 | 66 | 123 |
| 22 | 45 | 72 | 94 | 56 | 57 | 121 |
| 23 | 45 | 128 | 64 | 55 | 53 | 110 |
| 24 | 65 | 51 | 57 | 55 | 53 | 107 |
| 25 | 60 | 43 | 56 | 55 | 55 | 103 |
| 26 | 55 | 42 | 57 | 54 | 65 | 97 |
| 27 | 55 | 78 | 54 | 52 | 55 | 95 |
| 28 | 75 | 48 | 210 | 52 | 54 | 95 |
| 29 | 60 | 74 | 164 | 51 | 53 | 92 |
| 30 | 85 | 49 | 81 | 52 | 51 | 92 |
| 31 | 55 | 45 | ------ | 51 | ------ | 95 |

# 4. TIDE DATA

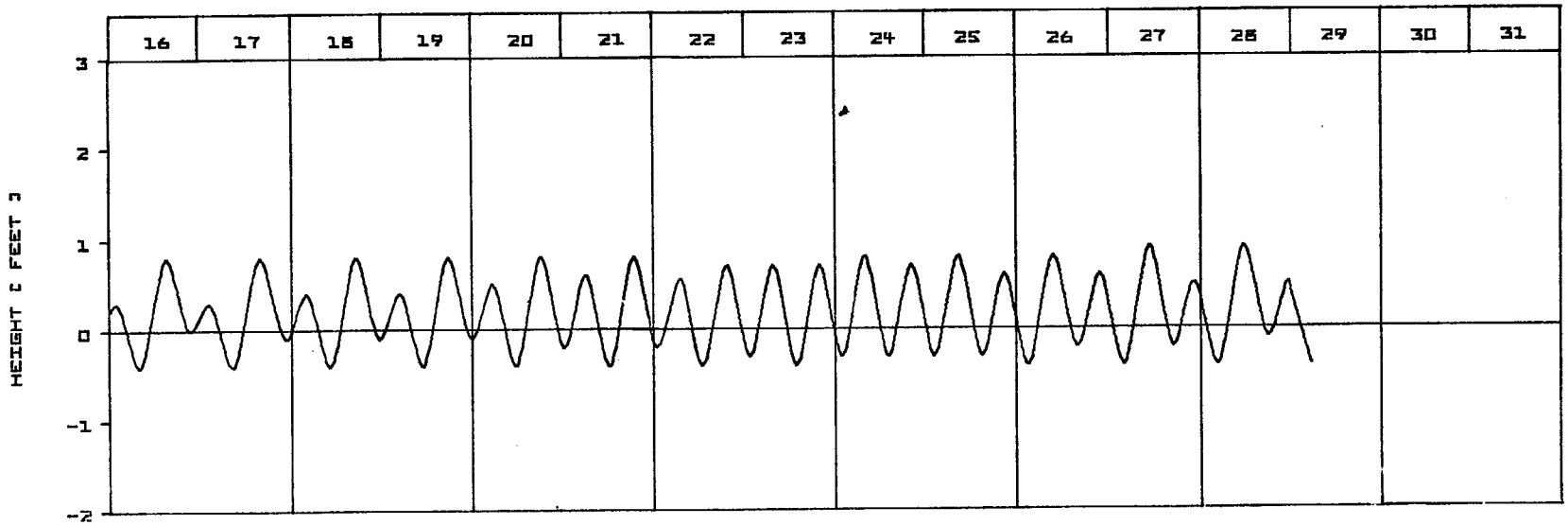
## 4.1 Predicted Tides-Baltimore



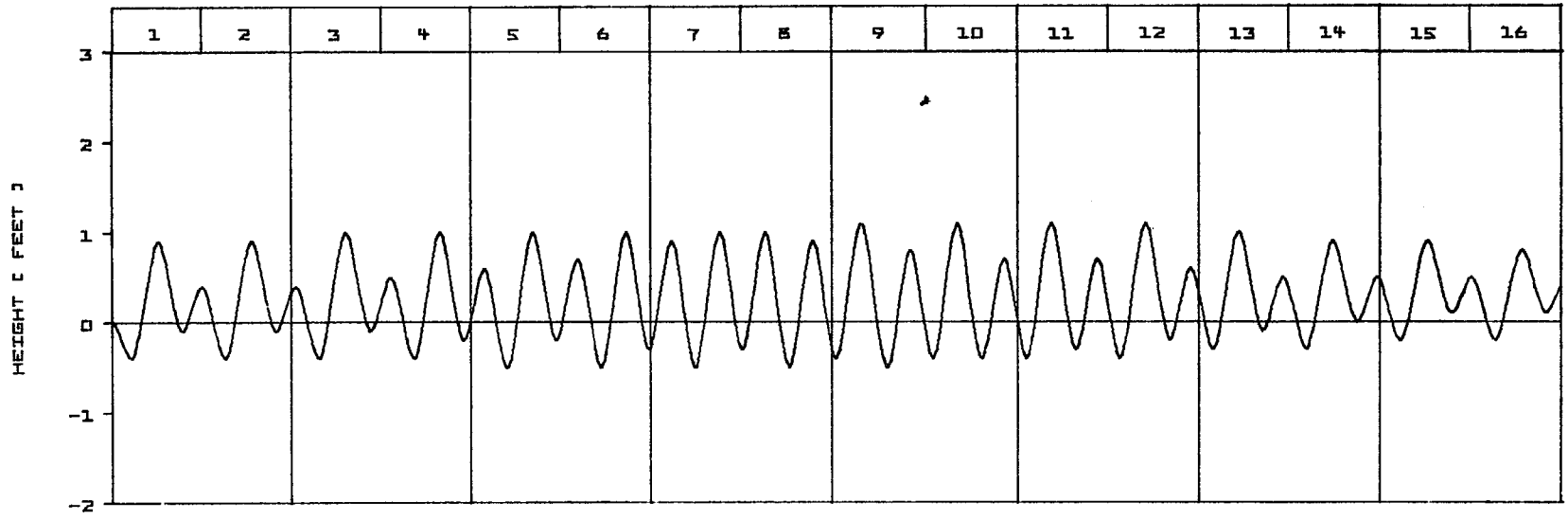
PREDICTED TIDE
BALTIMORE [ FEBRUARY 1974 ]



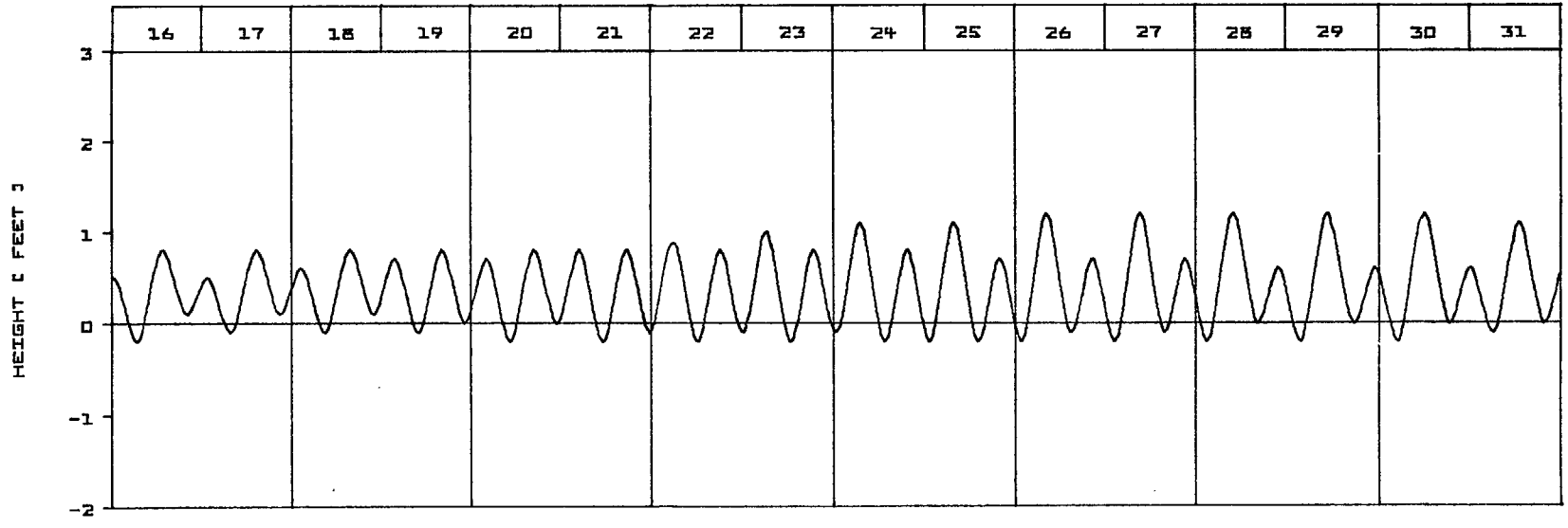

TIME IN DAYS



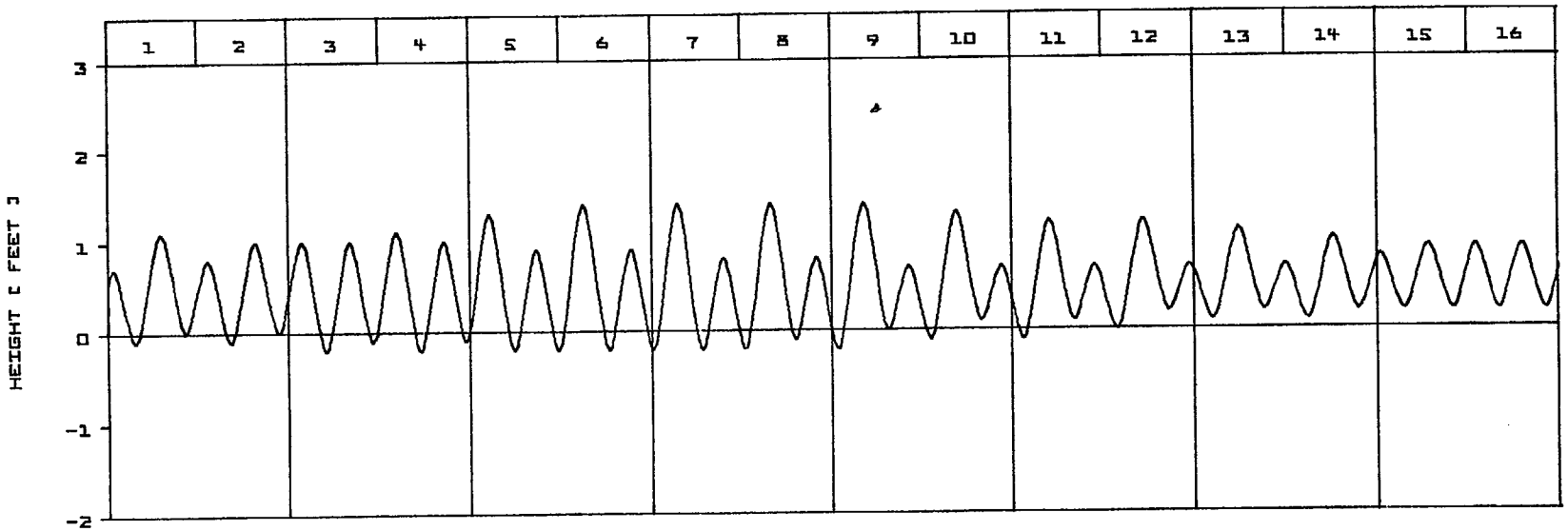
PREDICTED TIDE
BALTIMORE [ MARCH 1974 ]



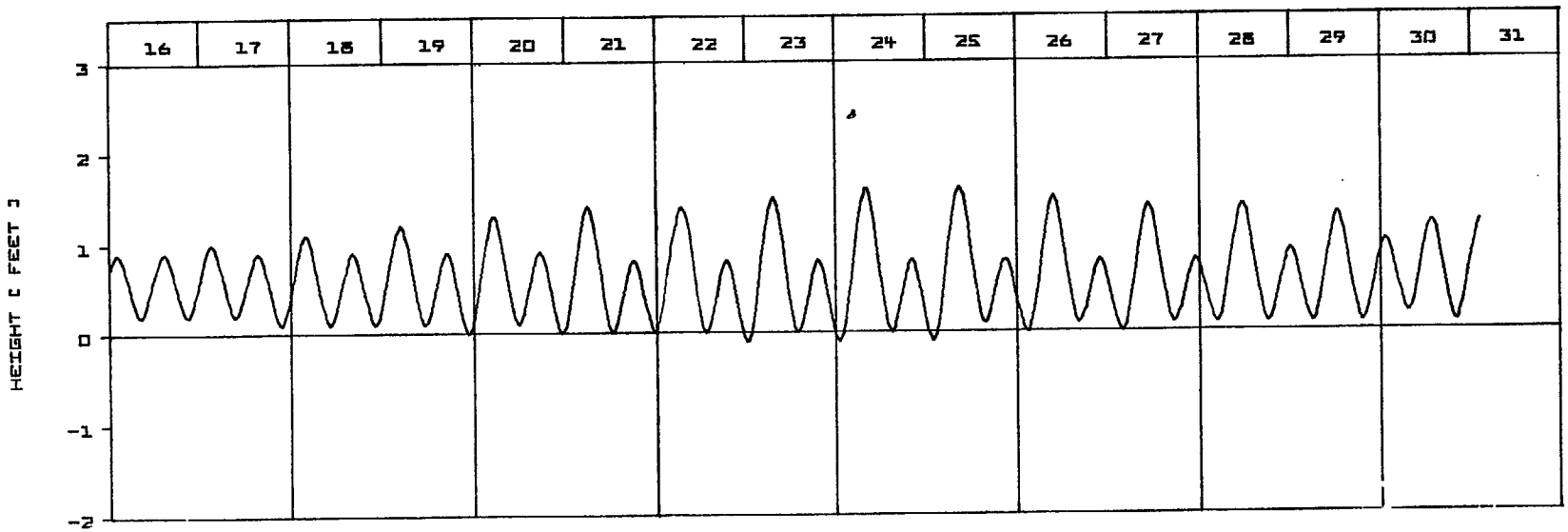

TIME IN DAYS



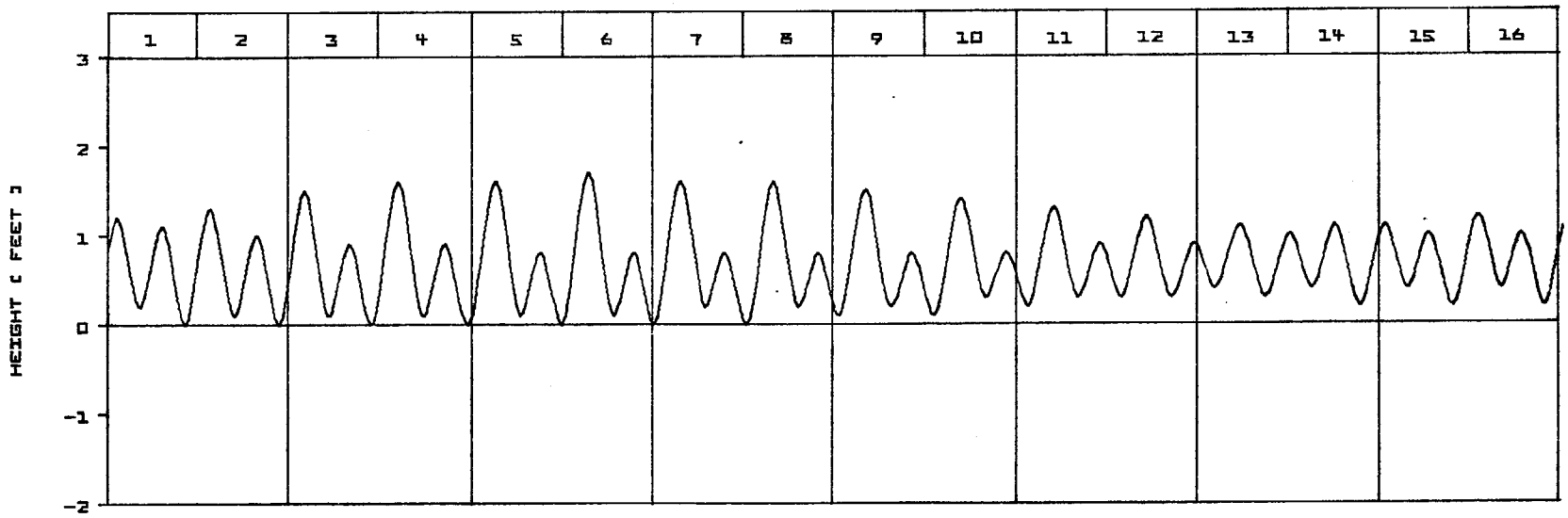
PREDICTED TIDE
BALTIMORE [ APRIL 1974 ]



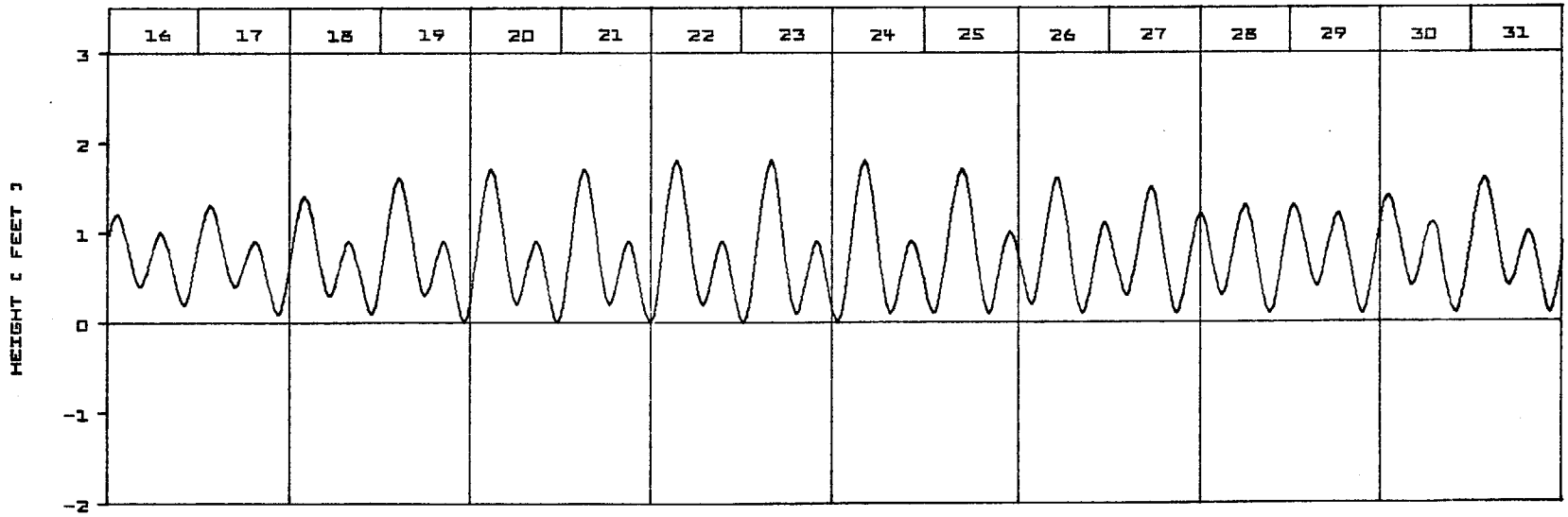

TIME IN DAYS



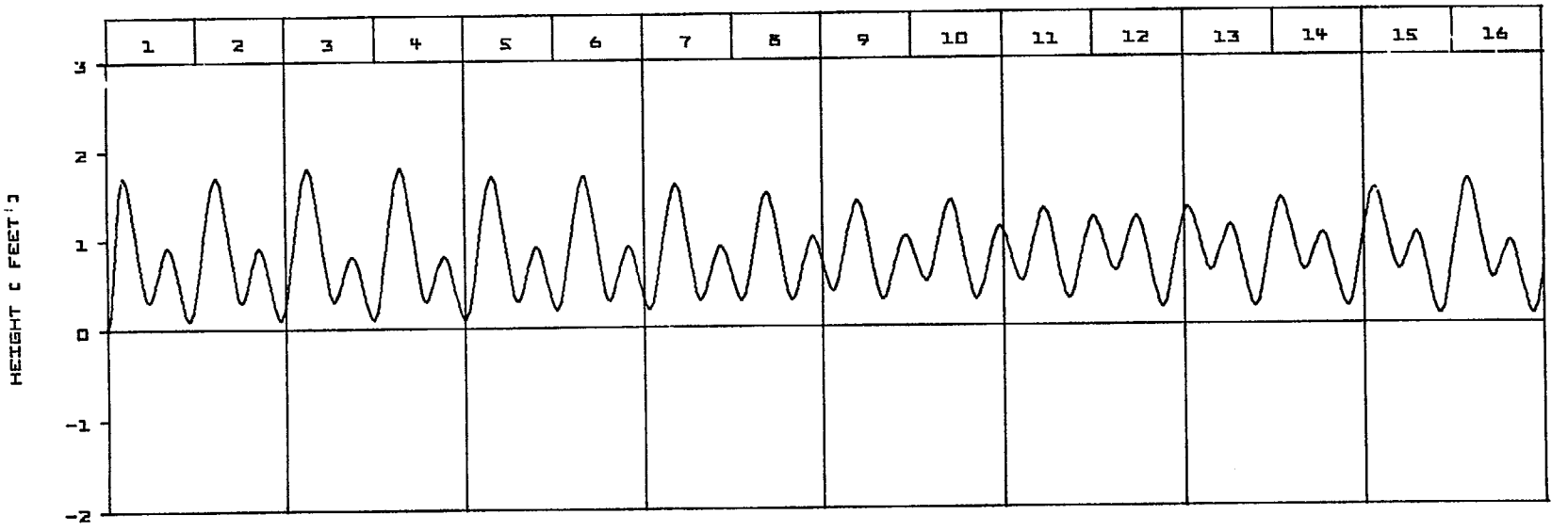
PREDICTED TIDE
BALTIMORE [ MAY 1974 ]



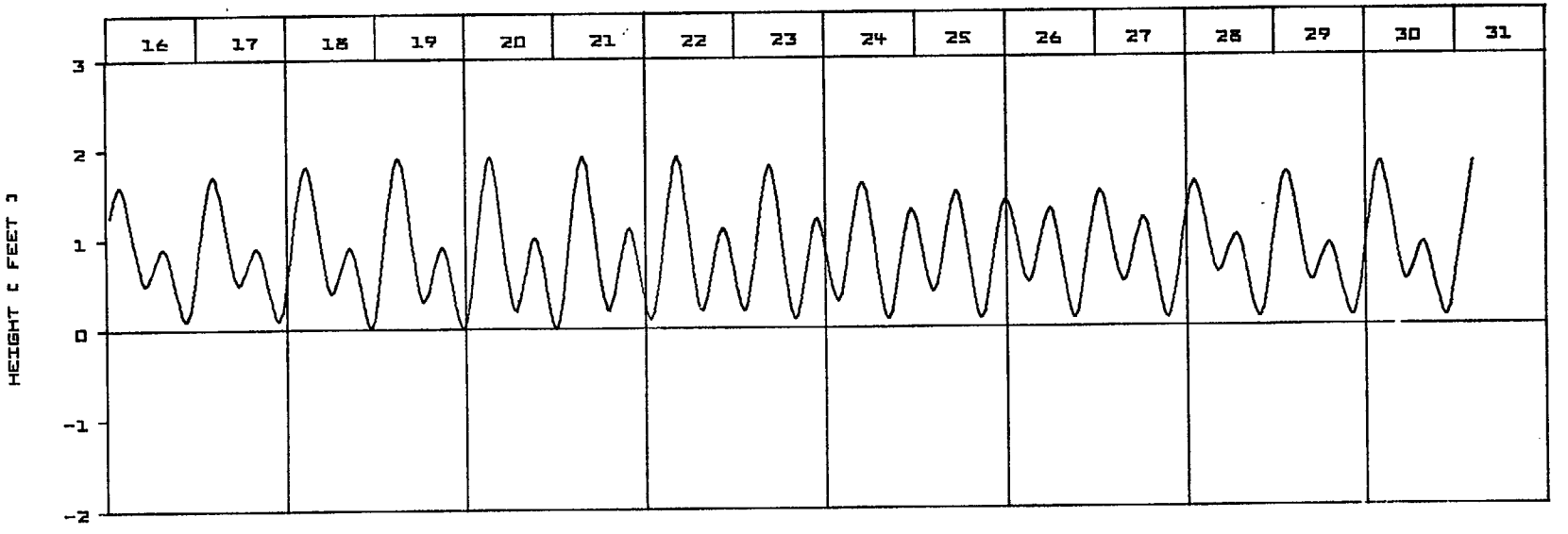

TIME IN DAYS



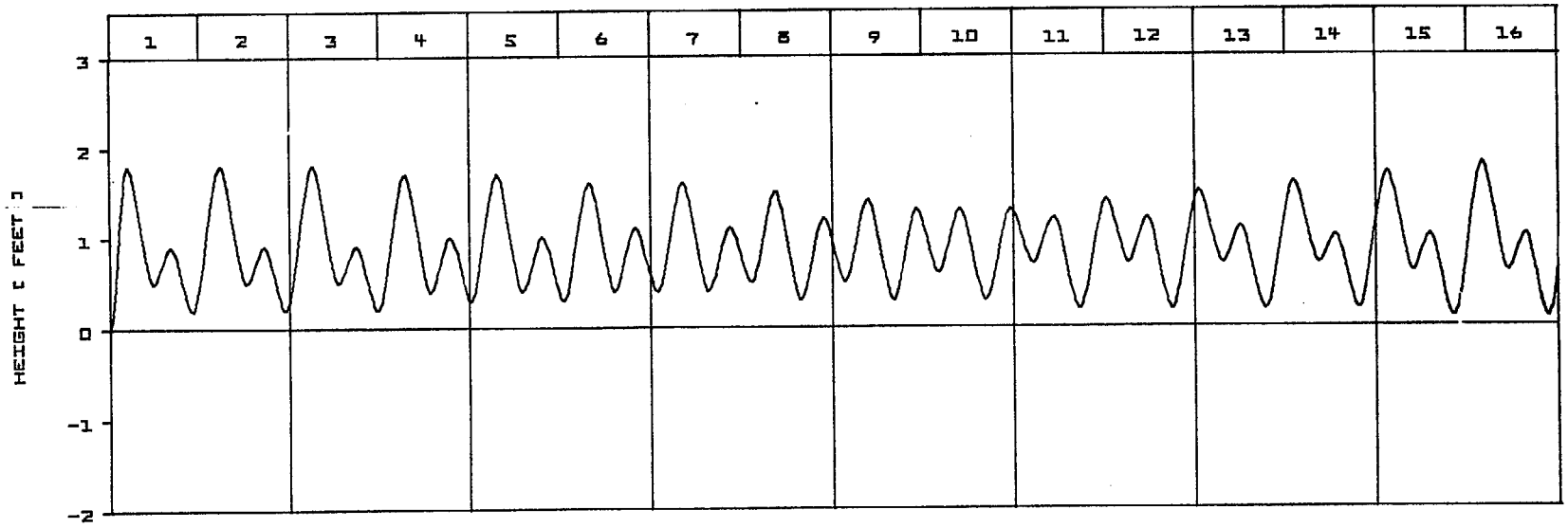
PREDICTED TIDE
BALTIMORE [ JUNE 1974 ]



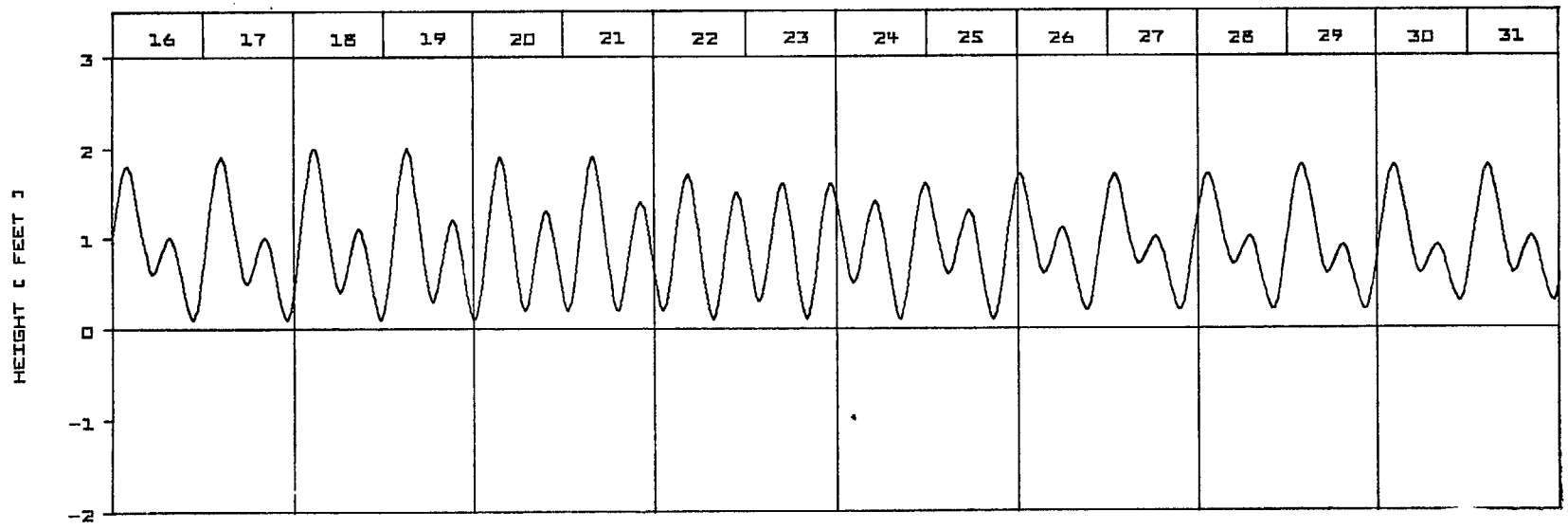

TIME IN DAYS



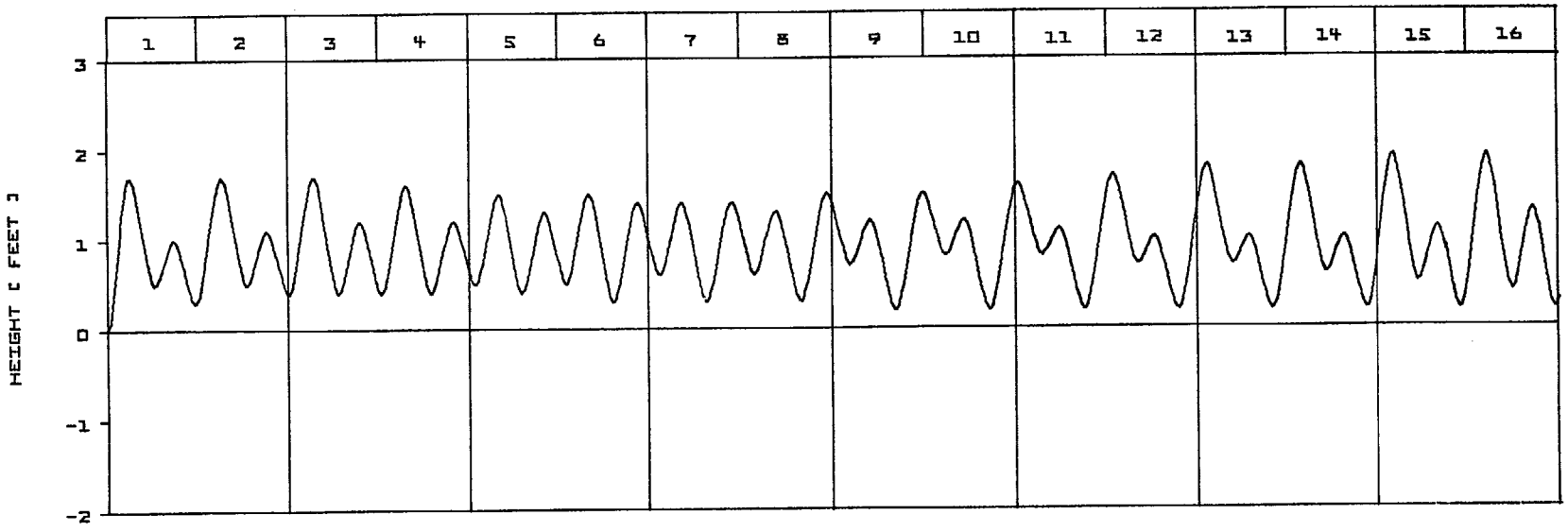
PREDICTED TIDE
BALTIMORE [ JULY 1974 ]



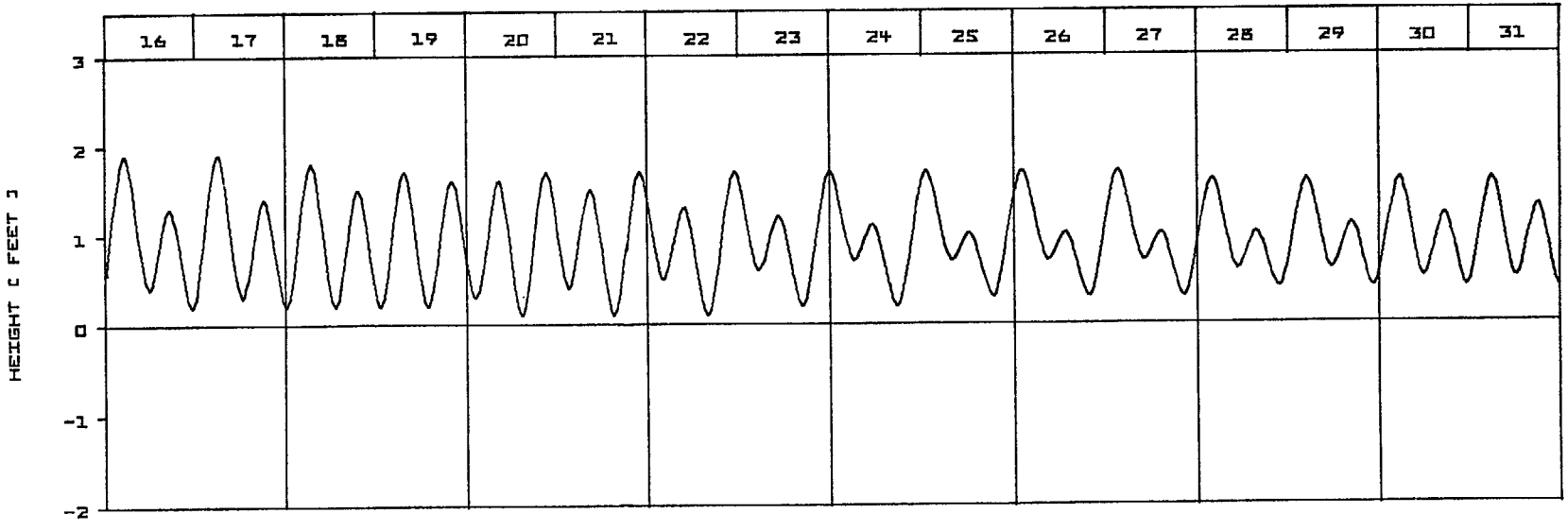

TIME IN DAYS



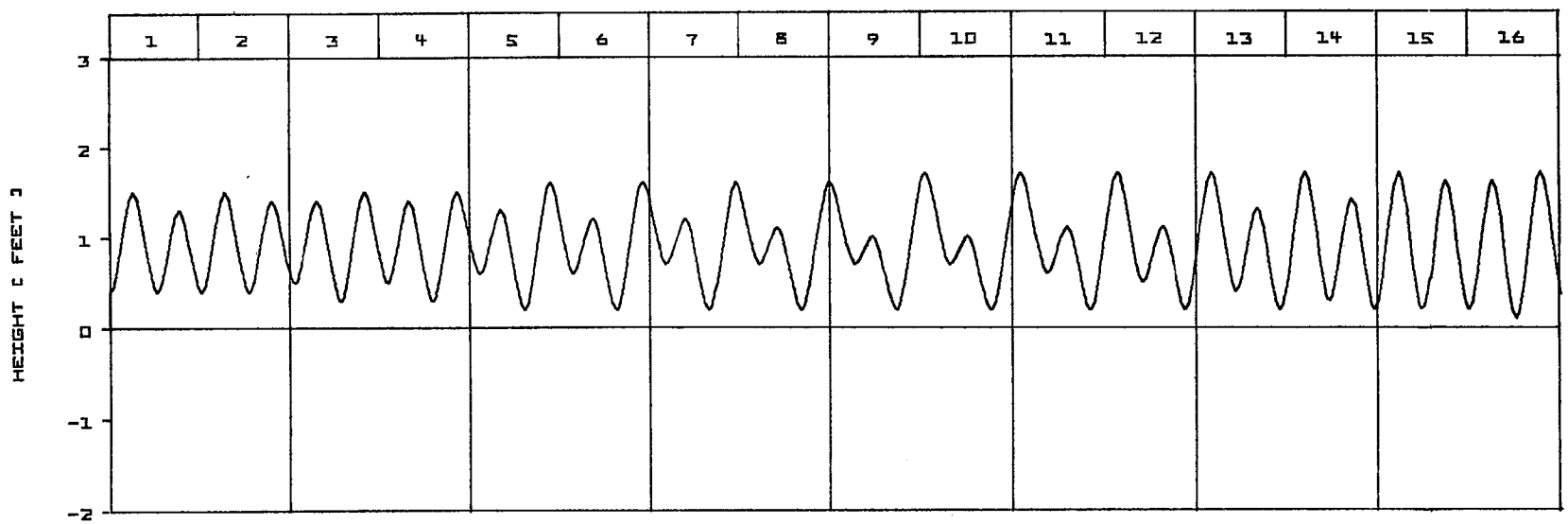
PREDICTED TIDE
BALTIMORE [ AUGUST 1974 ]



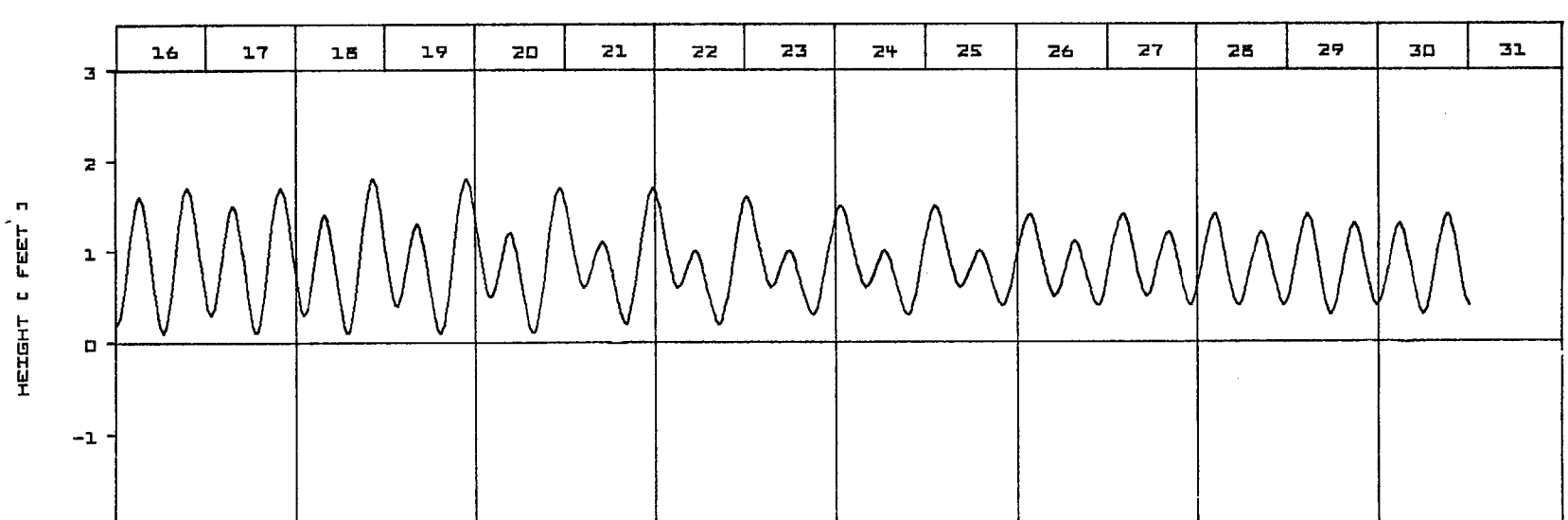

TIME IN DAYS



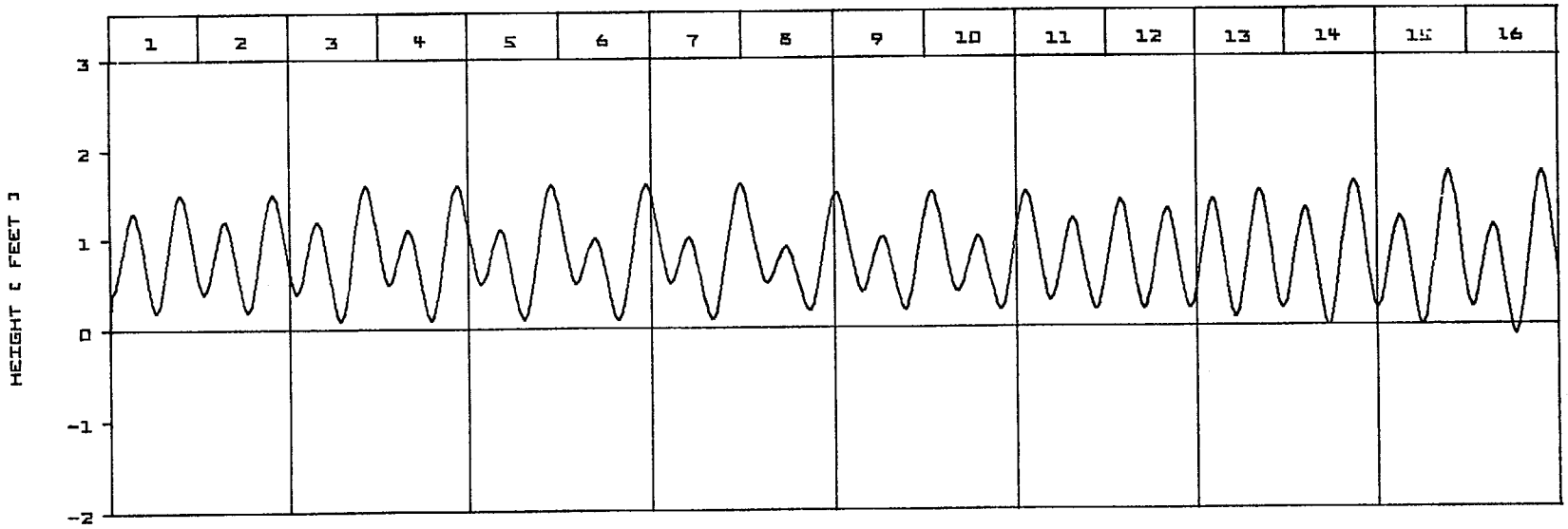
PREDICTED TIDE
BALTIMORE [ SEPTEMBER 1974 ]



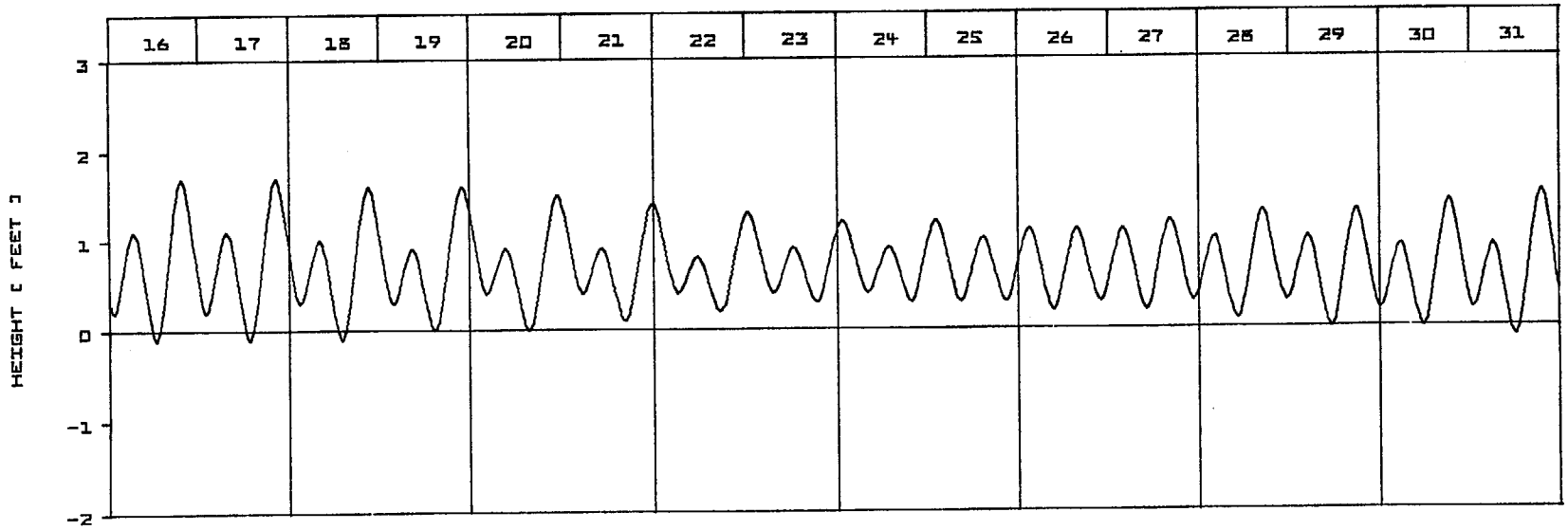

TIME IN DAYS



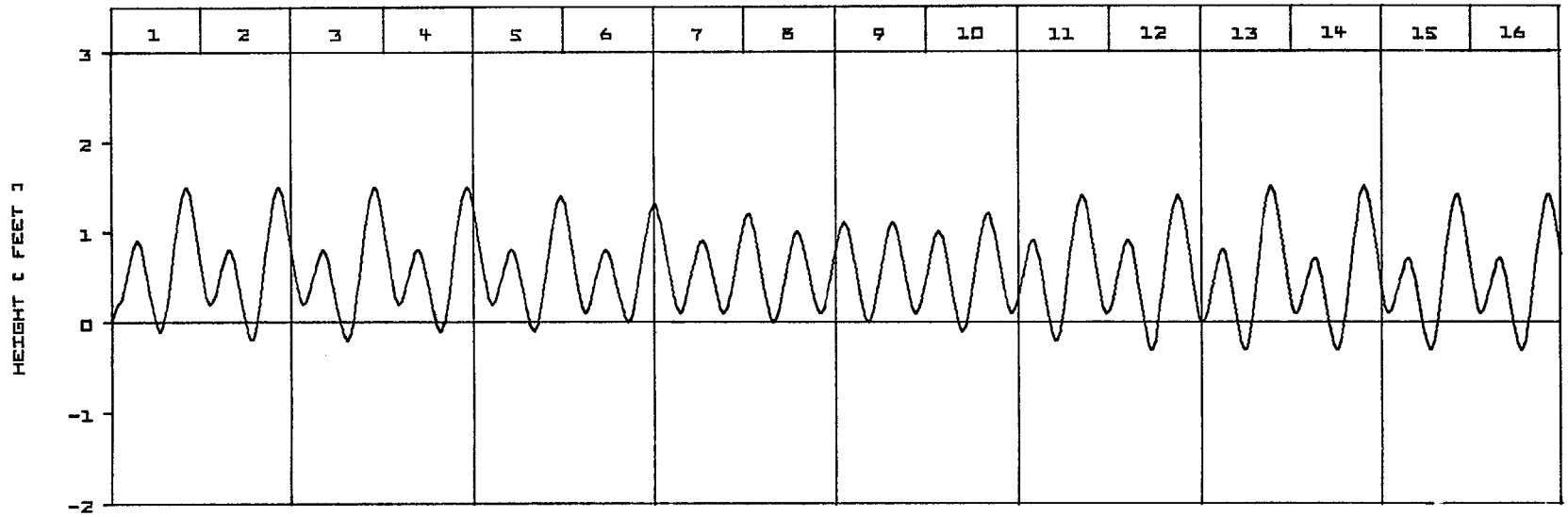
PREDICTED TIDE
BALTIMORE [ OCTOBER 1974 ]



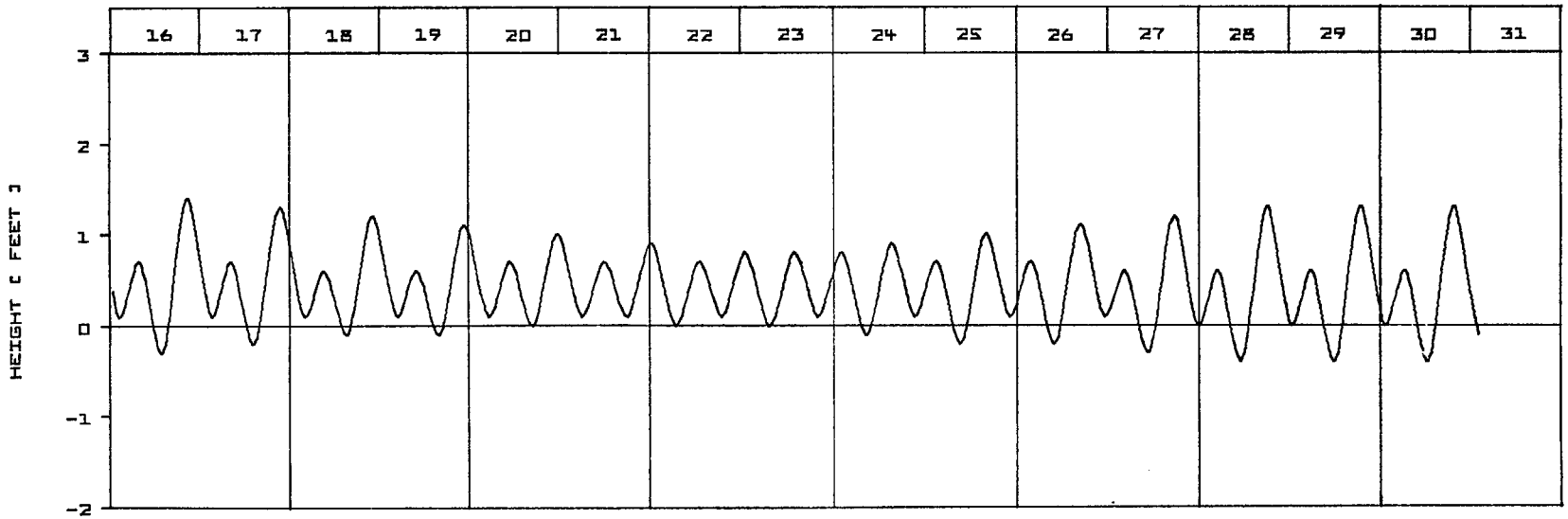

TIME IN DAYS



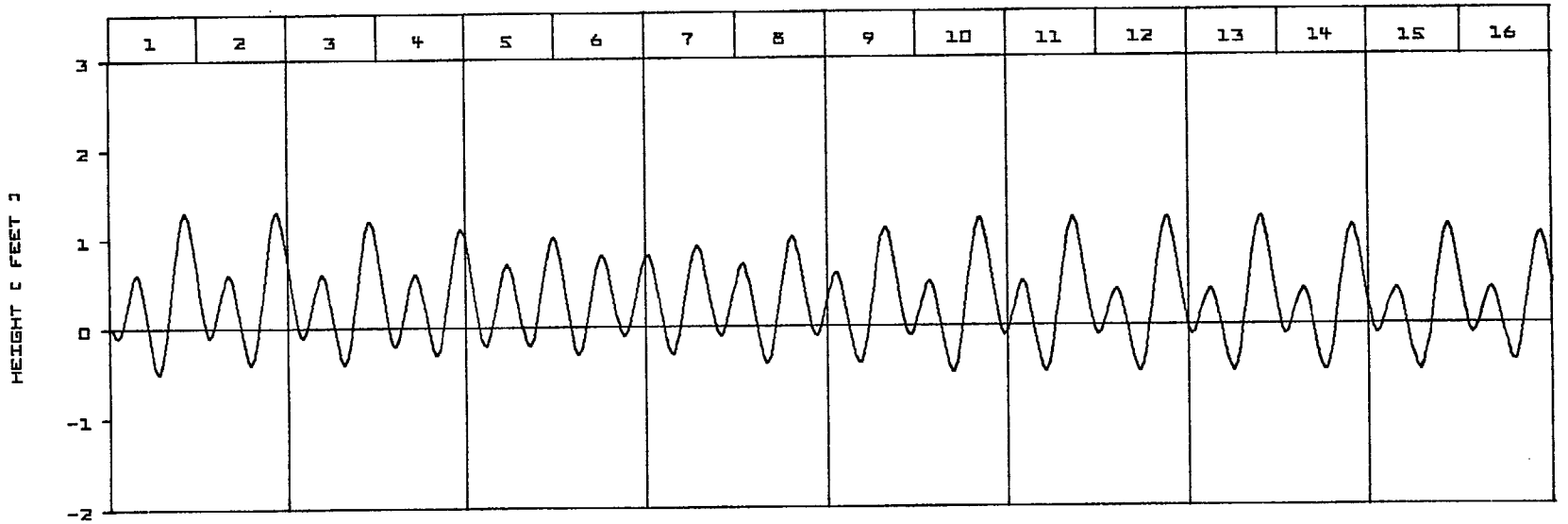
PREDICTED TIDE
BALTIMORE [ NOVEMBER 1974 ]



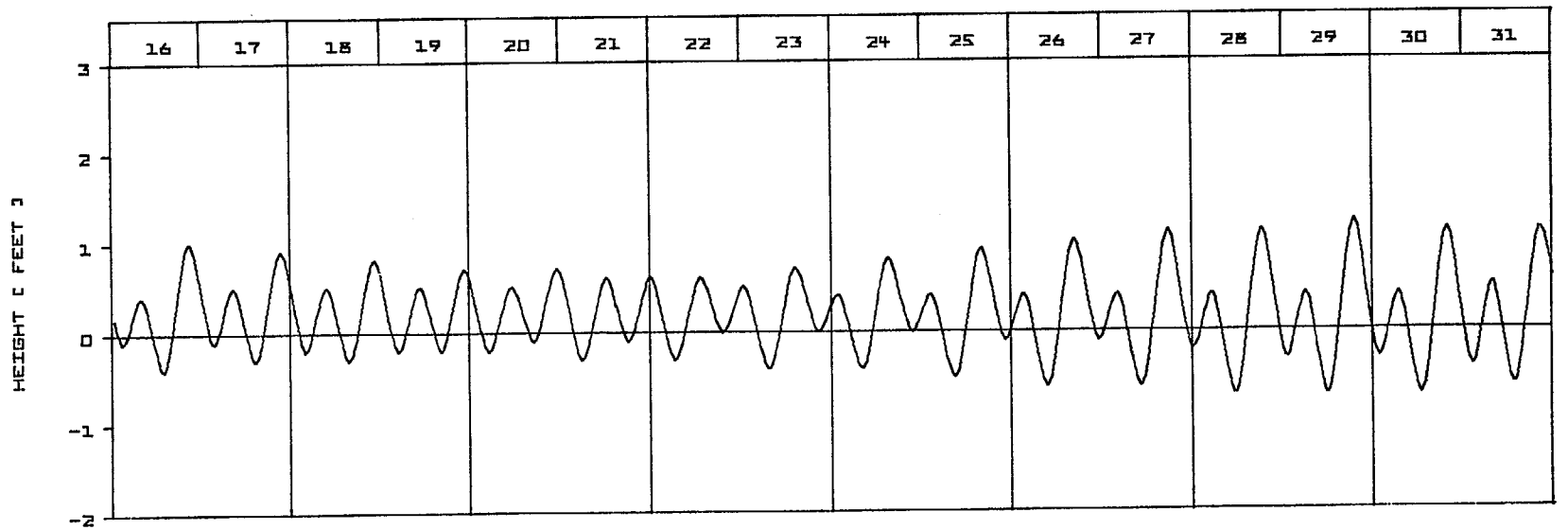

TIME IN DAYS



PREDICTED TIDE
BALTIMORE [ DECEMBER 1974 ]

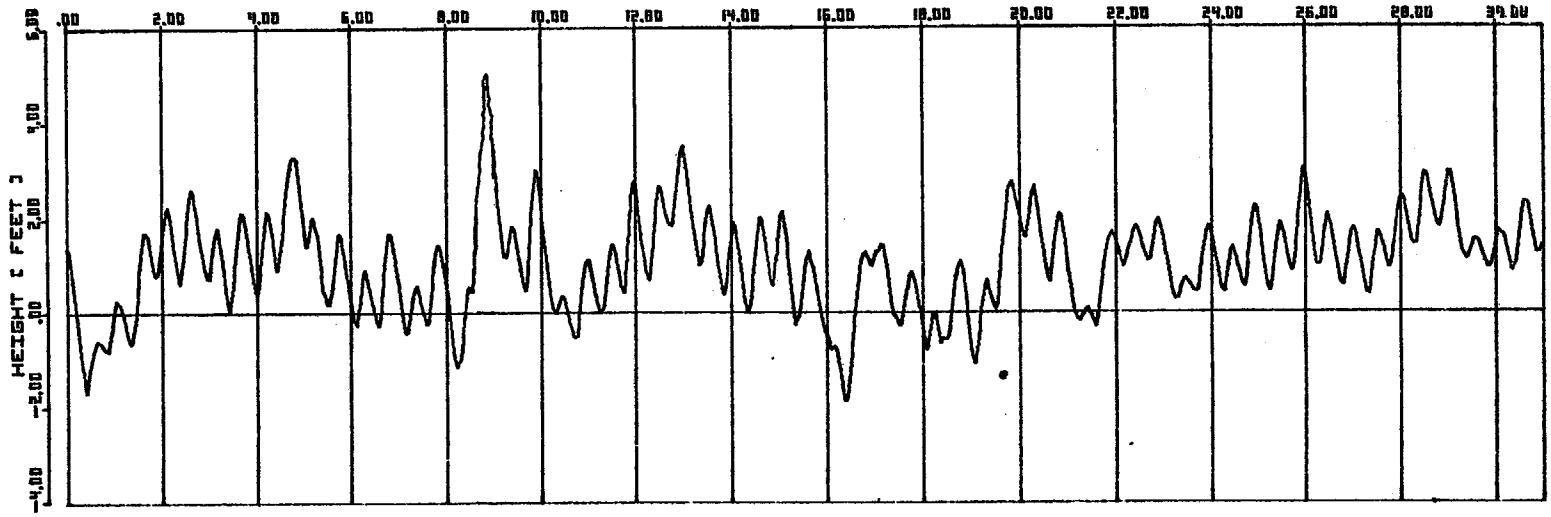



TIME IN DAYS

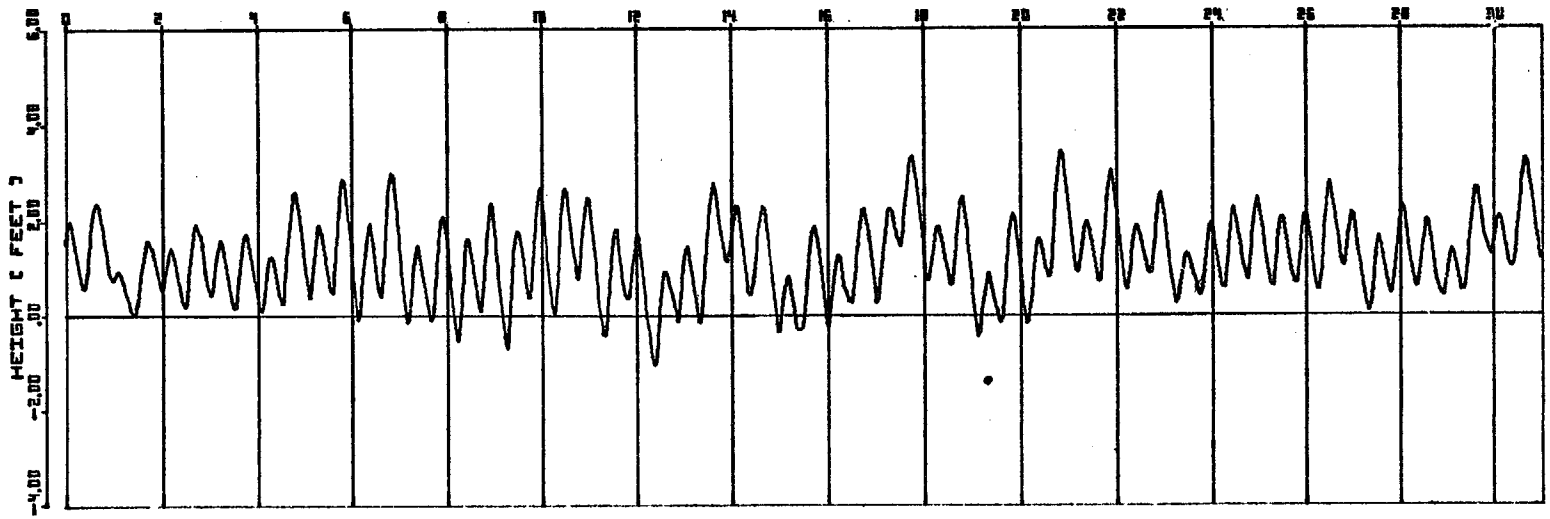


ACTUAL TIDE

HAVRE DE GRACE [ DECEMBER 1973 ]



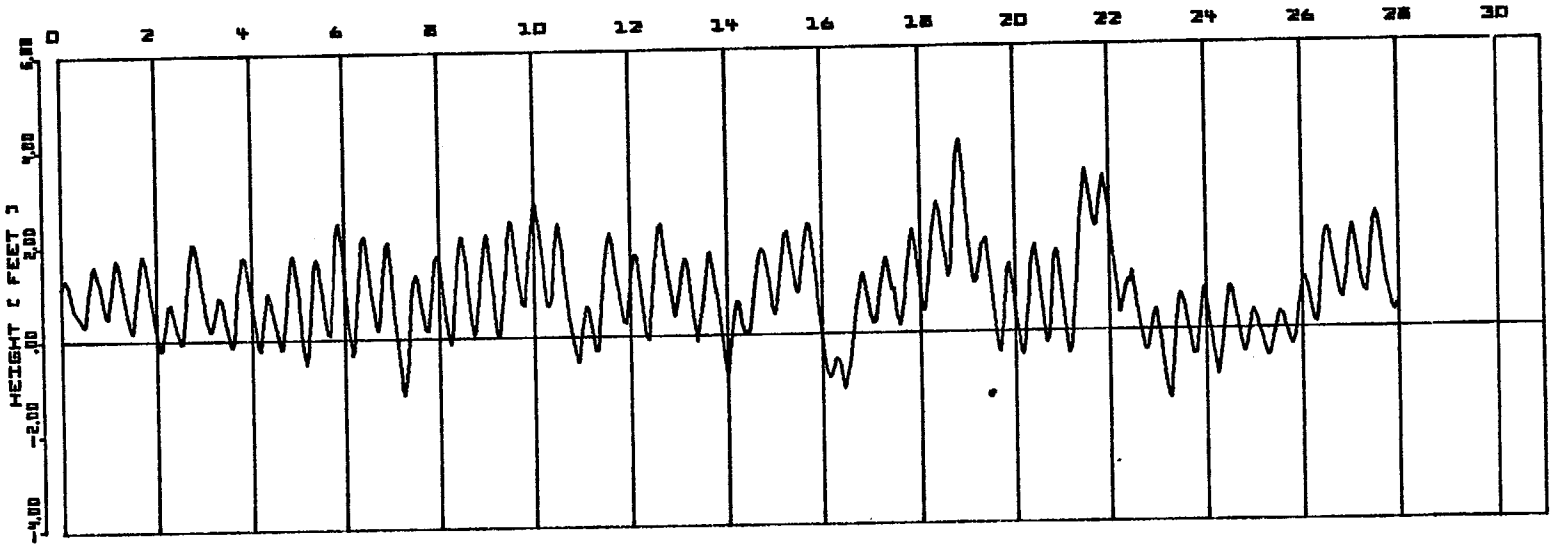

HAVRE DE GRACE [ JANUARY 1974 ]



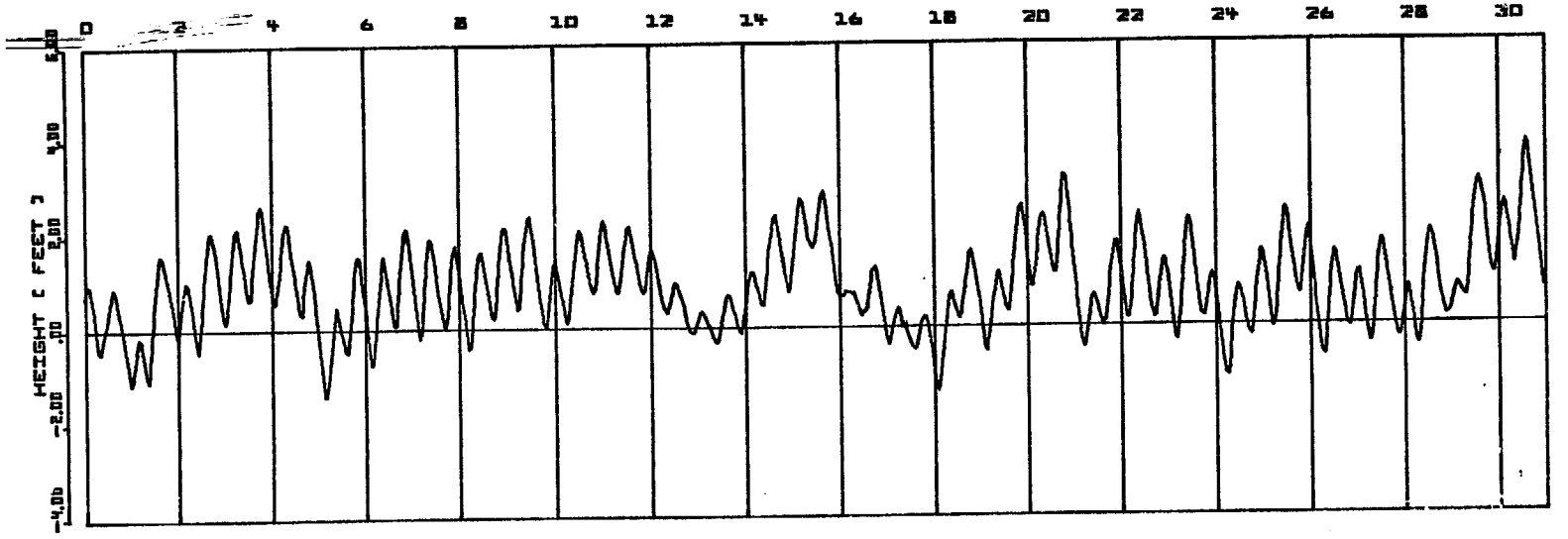

TIME IN DAYS

ACTUAL TIDE

HAVRE DE GRACE [ FEBRUARY 1974 ]



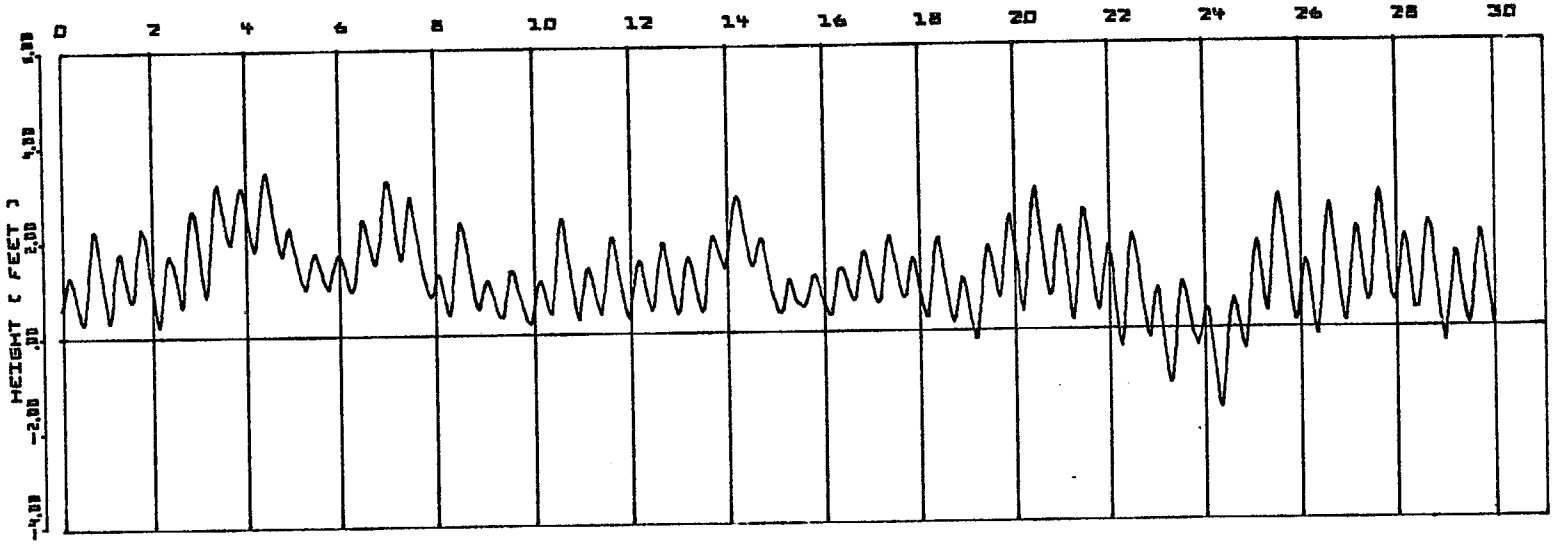

HAVRE DE GRACE [ MARCH 1974 ]



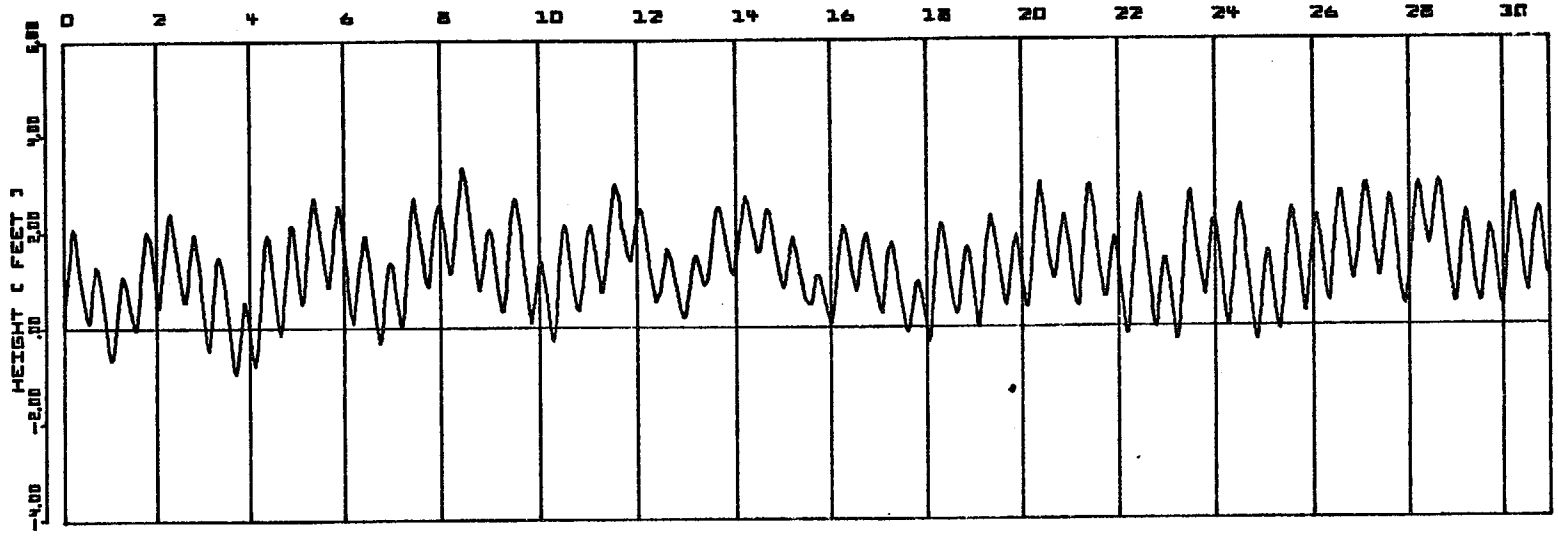

TIME IN DAYS

ACTUAL TIDE

HAVRE DE GRACE [ APRIL 1974 ]



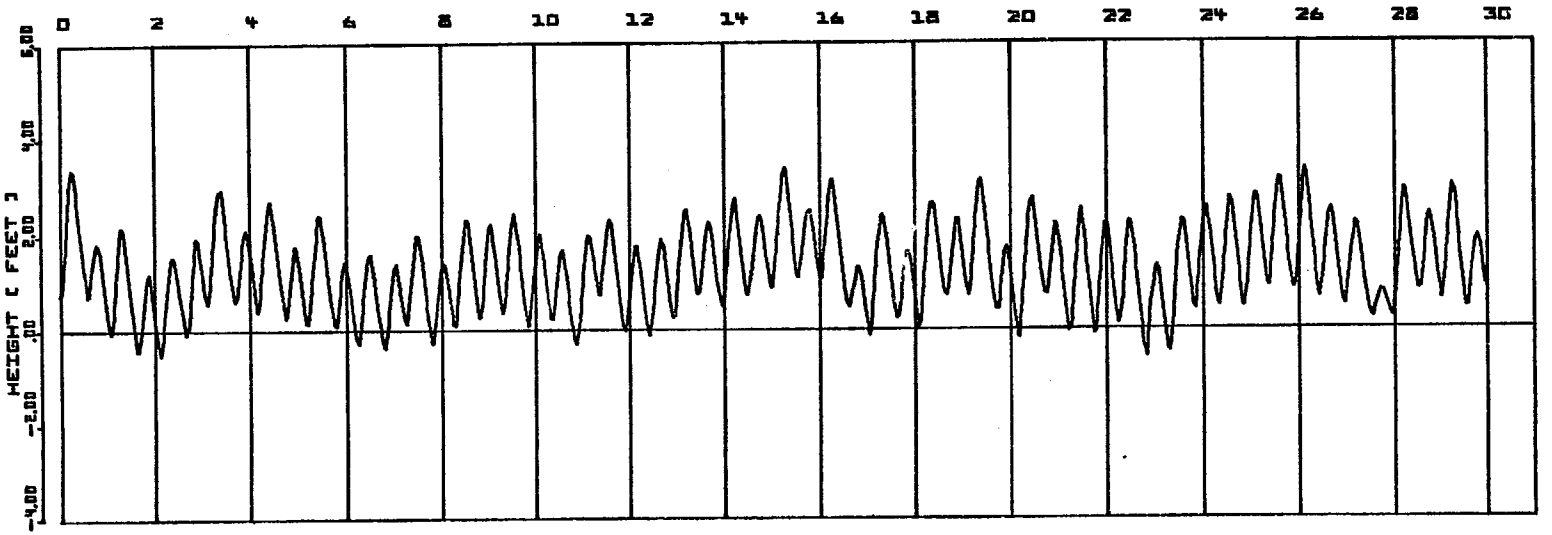

HAVRE DE GRACE [ MAY 1974 ]



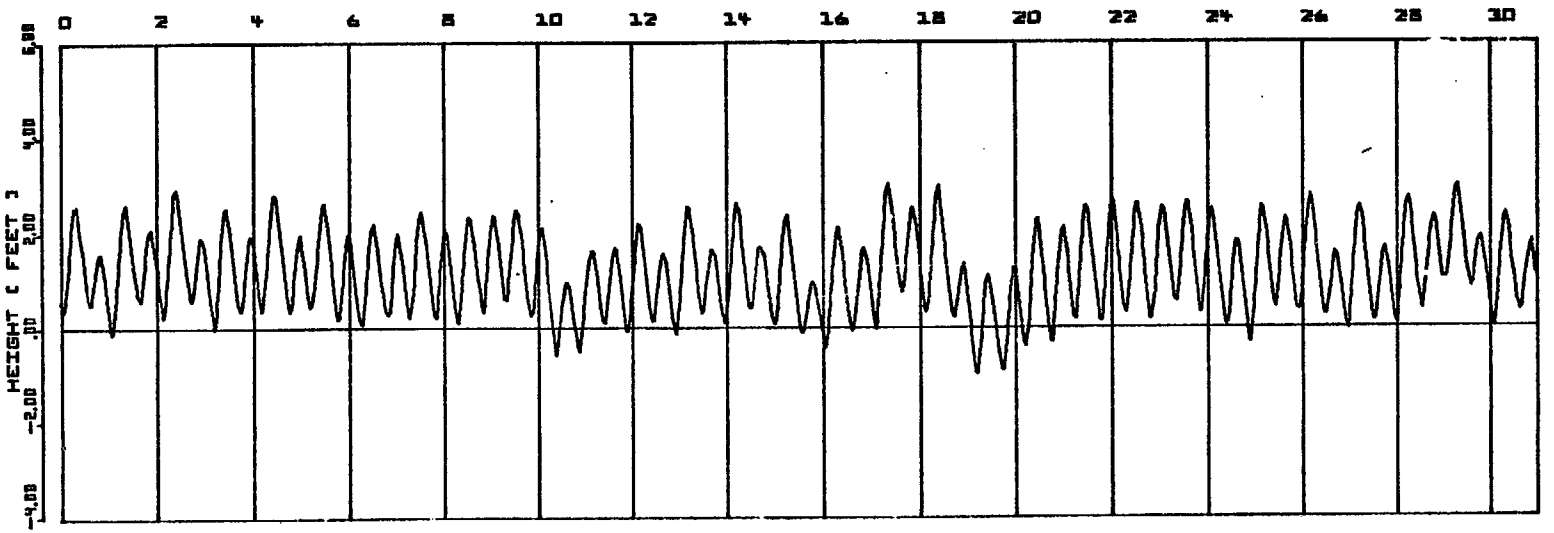

TIME IN DAYS

ACTUAL TIDE

HAVRE DE GRACE [ JUNE 1974 ]



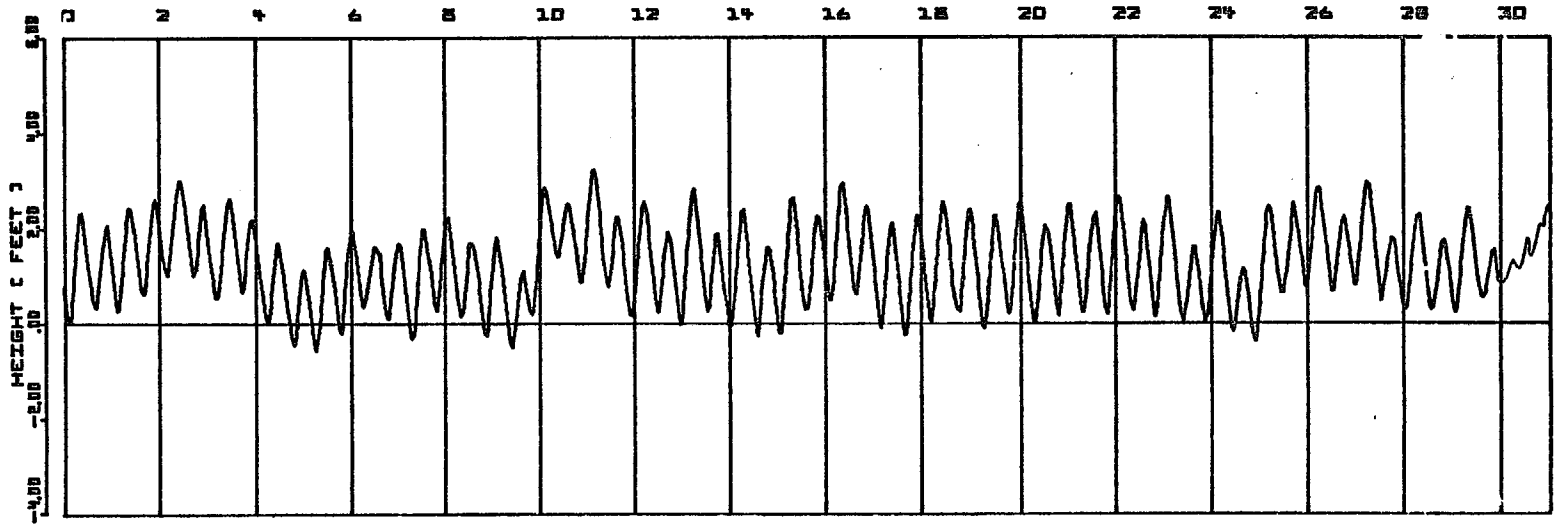

HAVRE DE GRACE [ JULY 1974 ]



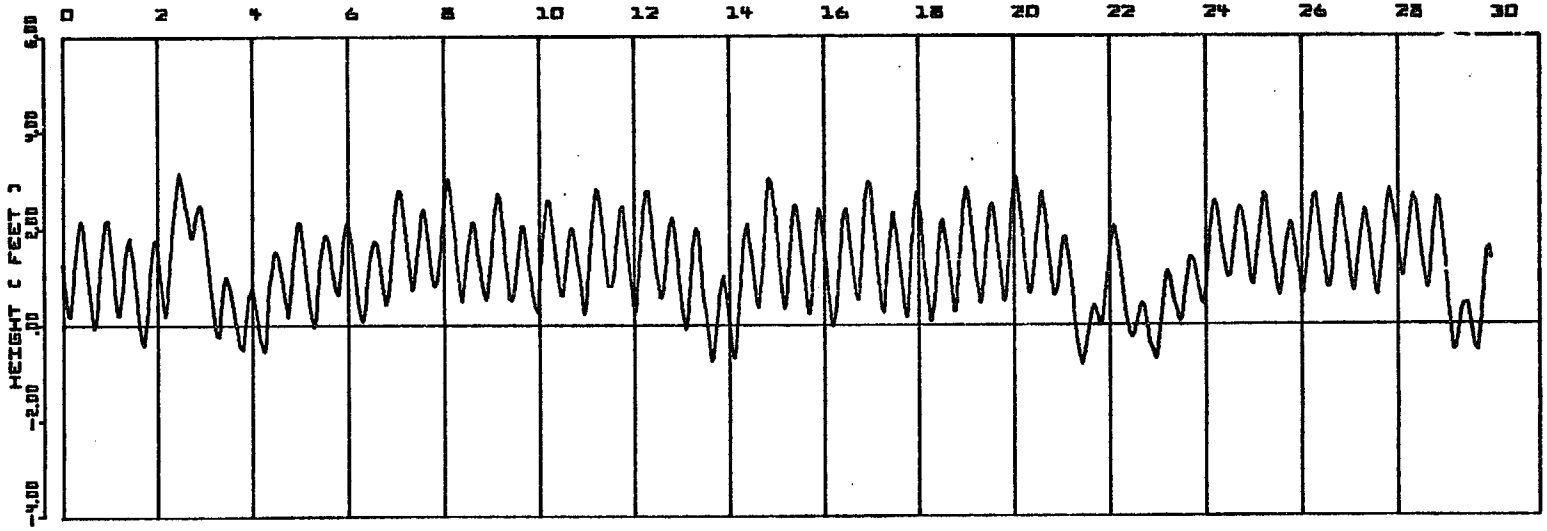

TIME IN DAYS

ACTUAL TIDE

HAVRE DE GRACE [ AUGUST 1974 ]

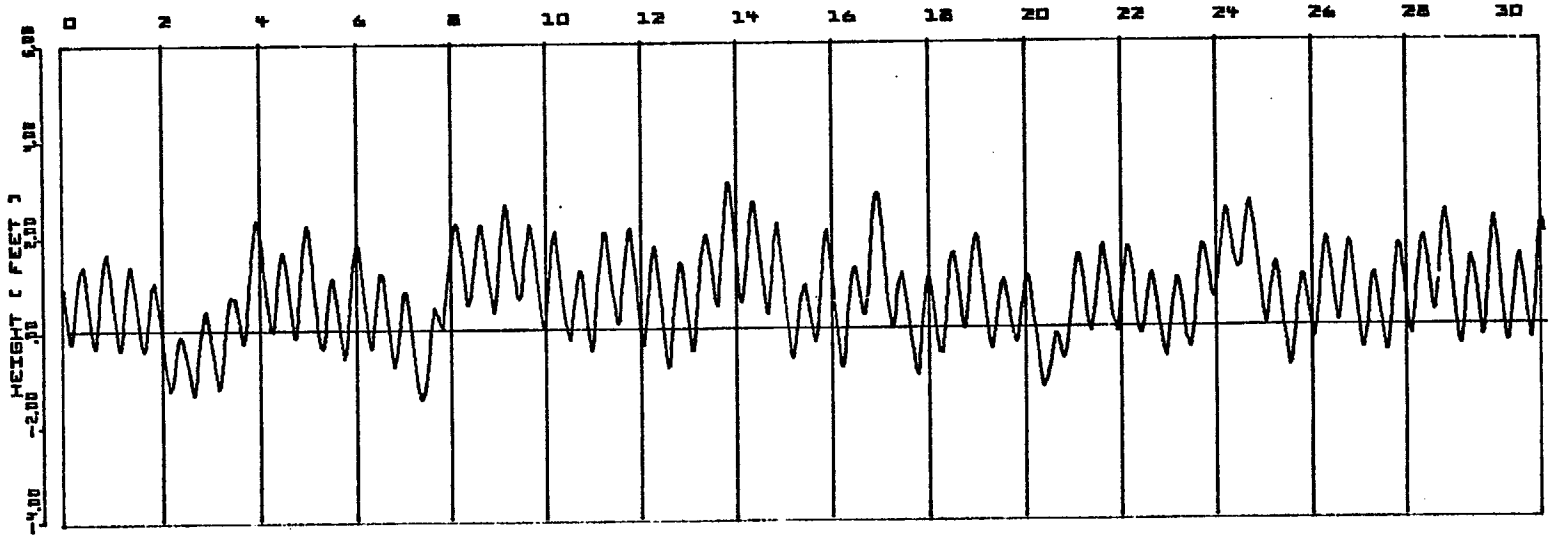



HAVRE DE GRACE [ SEPTEMBER 1974 ]

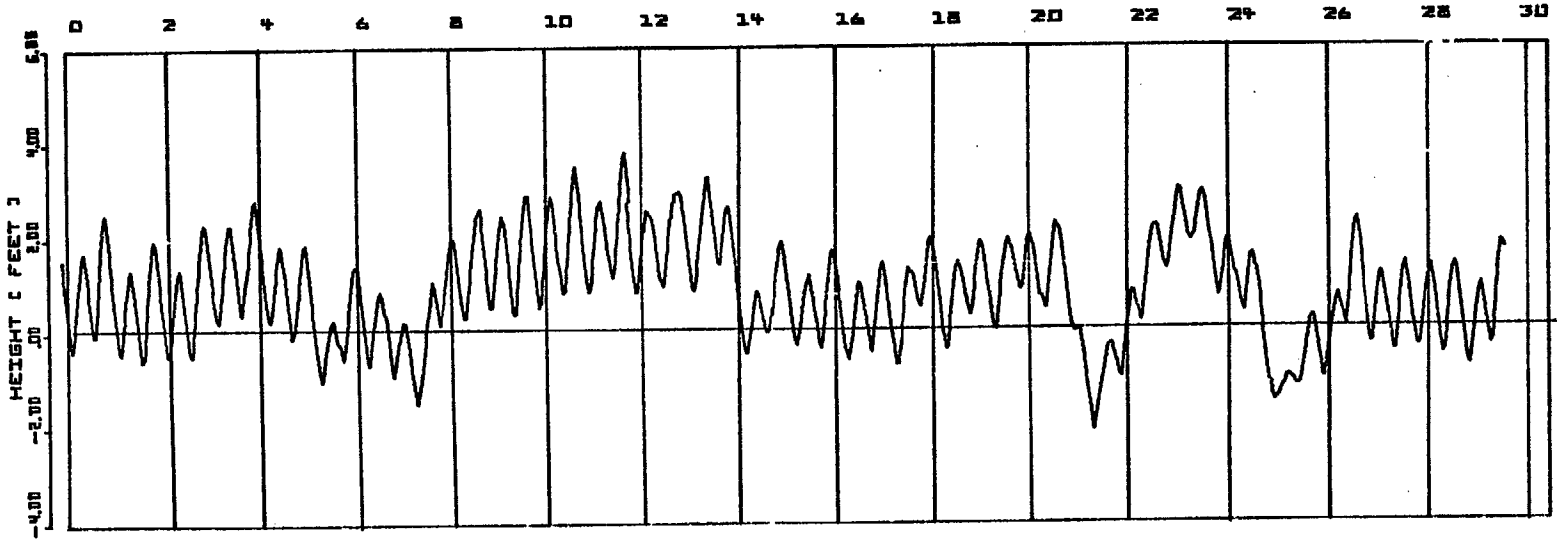



TIME IN DAYS

ACTUAL TIDE
HAVRE DE GRACE [ OCTOBER 1974 ]

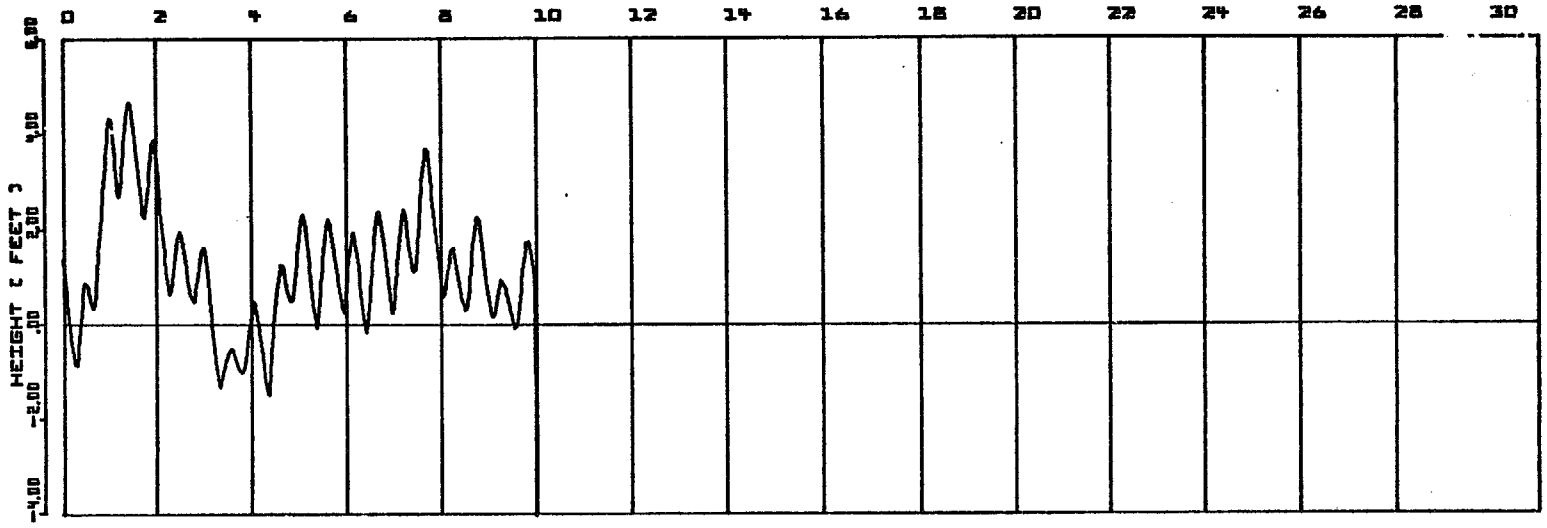



ACTUAL TIDE
HAVRE DE GRACE [ NOVEMBER 1974 ]




TIME IN DAYS

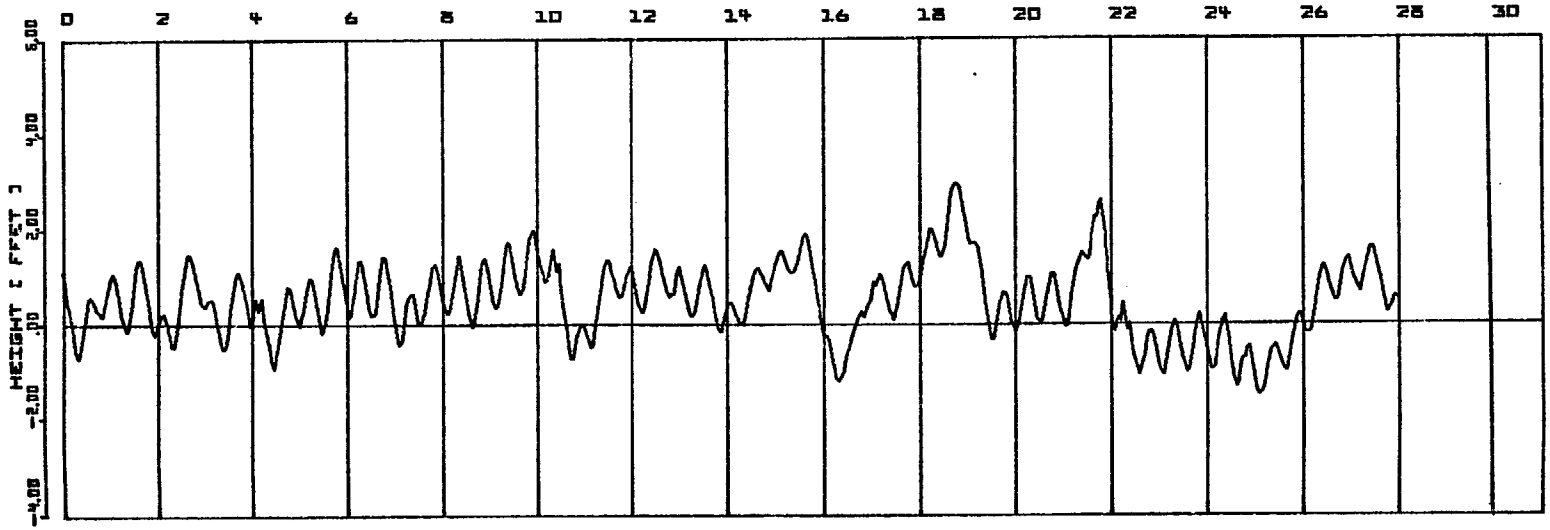
ACTUAL TIDE
HAVRE DE GRACE [ DECEMBER 1974 ]



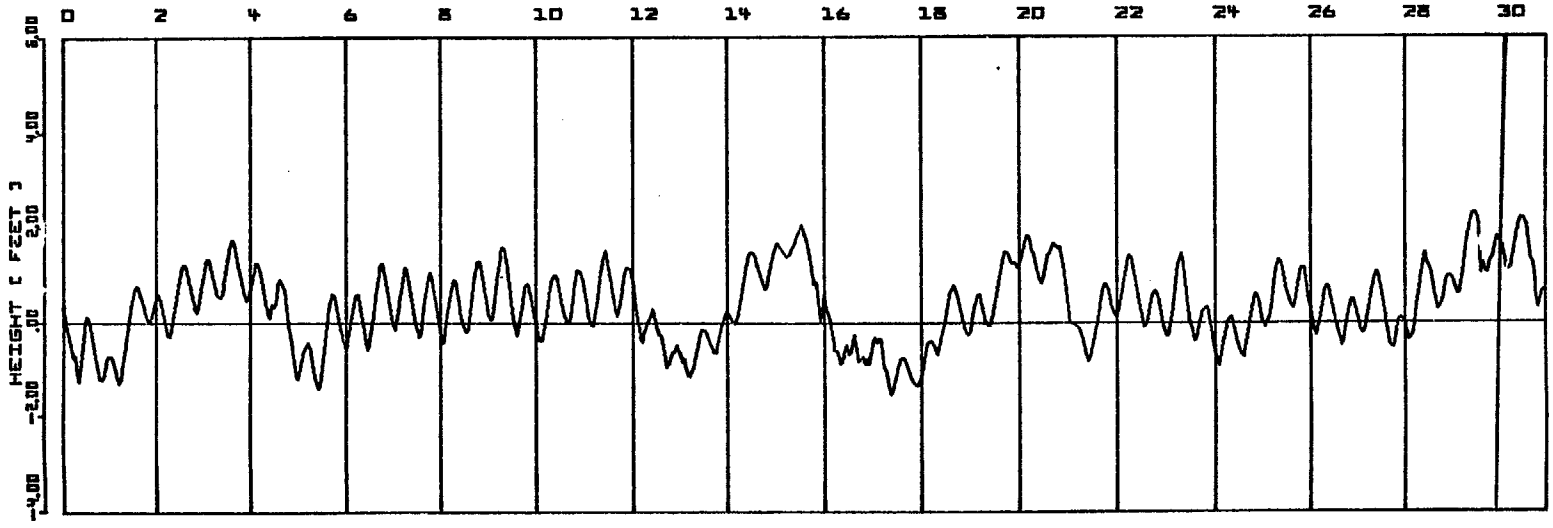

TIME IN DAYS

ACTUAL TIDE

BALTIMORE [ FEBRUARY 1974 ]



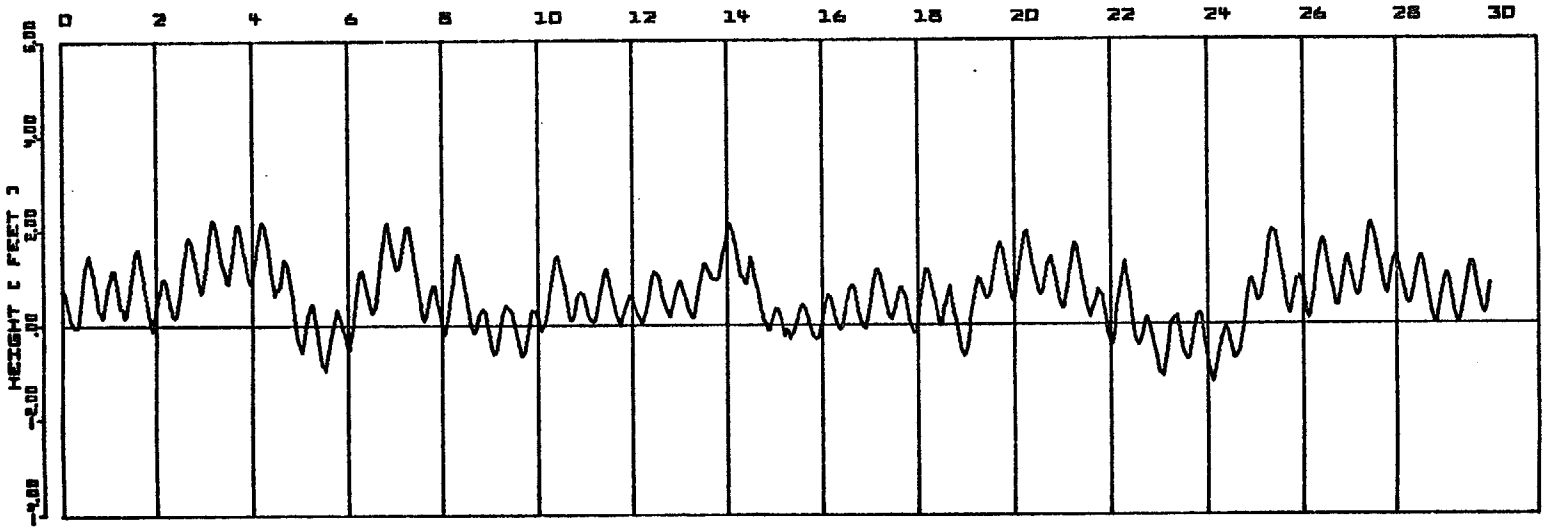

BALTIMORE [ MARCH 1974 ]



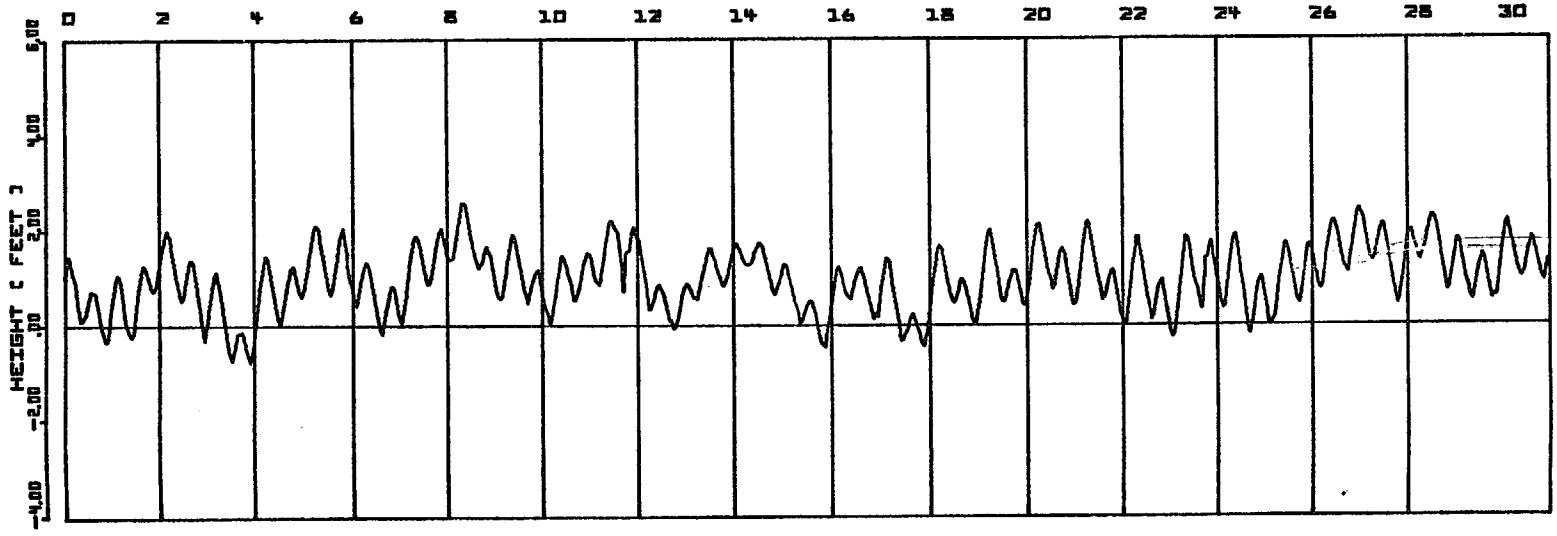

TIME IN DAYS

ACTUAL TIDE

BALTIMORE [ APRIL 1974 ]



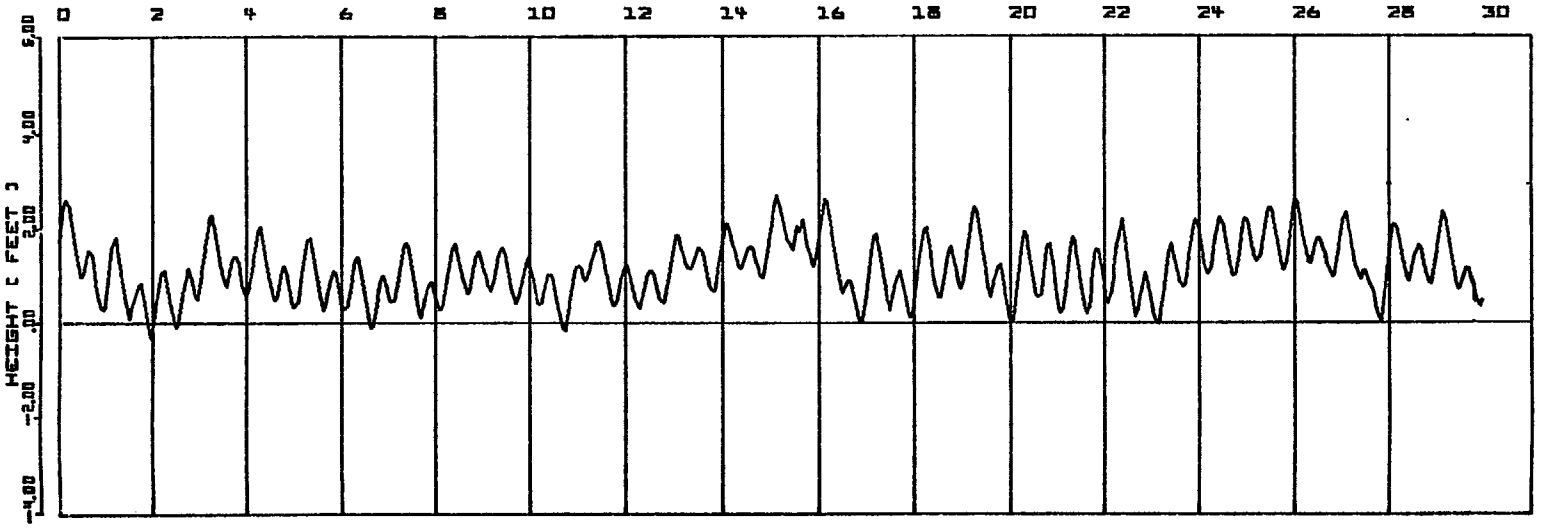

BALTIMORE [ MAY 1974 ]



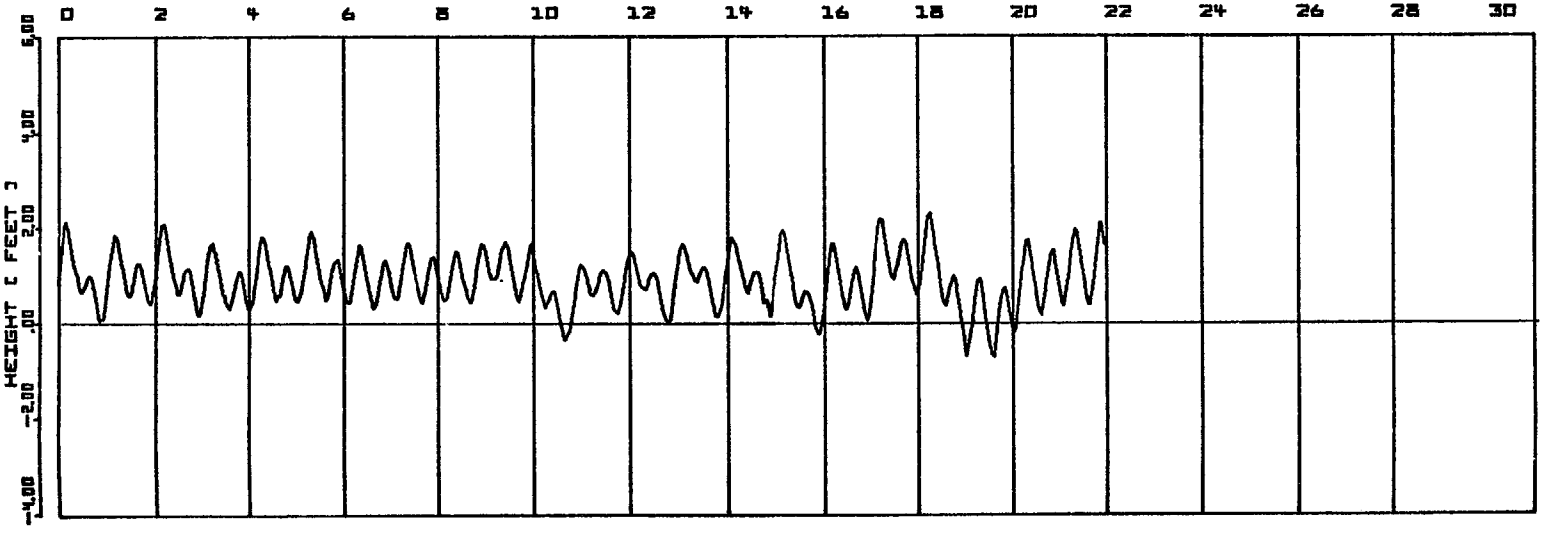

TIME IN DAYS

ACTUAL TIDE

BALTIMORE [ JUNE 1974 ]



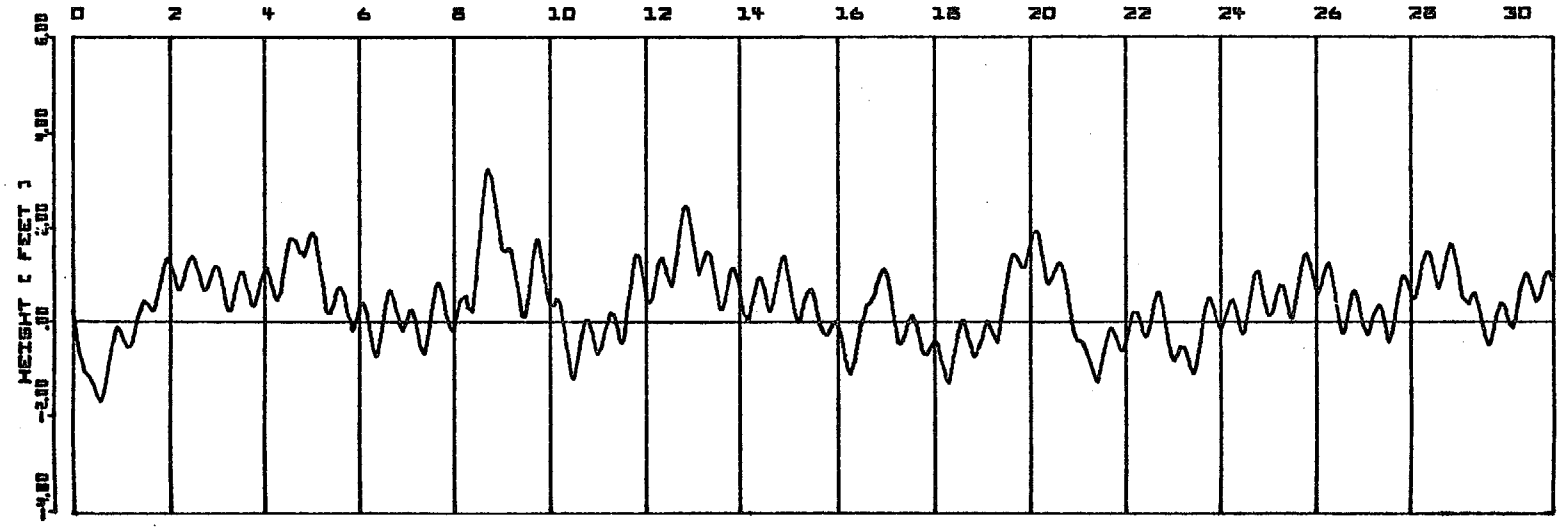

BALTIMORE [ JULY 1974 ]



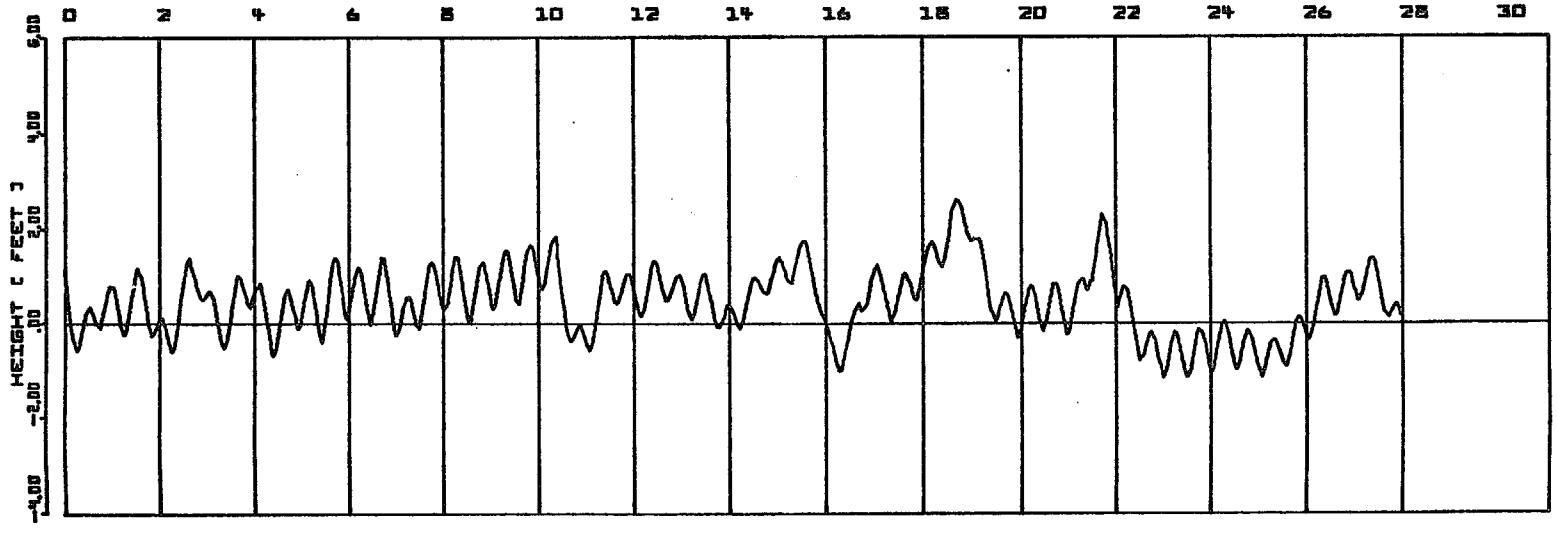

TIME IN DAYS

ACTUAL TIDE

MATAPEAKE [ DECEMBER 1973 ]



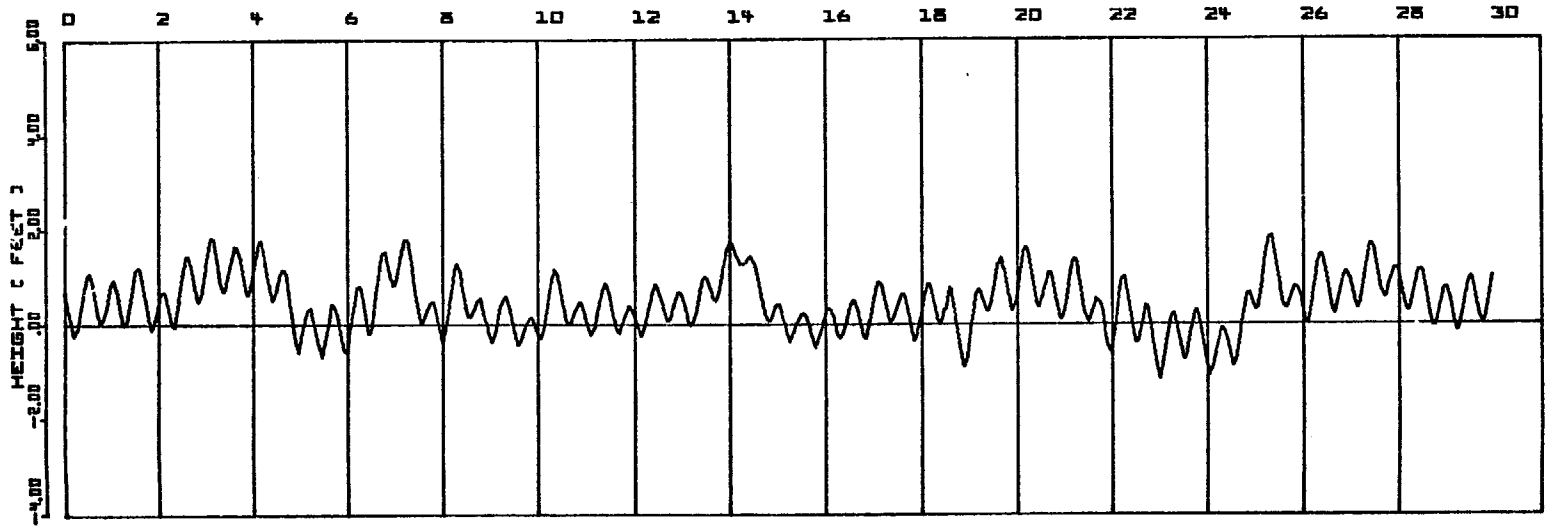

MATAPEAKE [ FEBRUARY 1974 ]



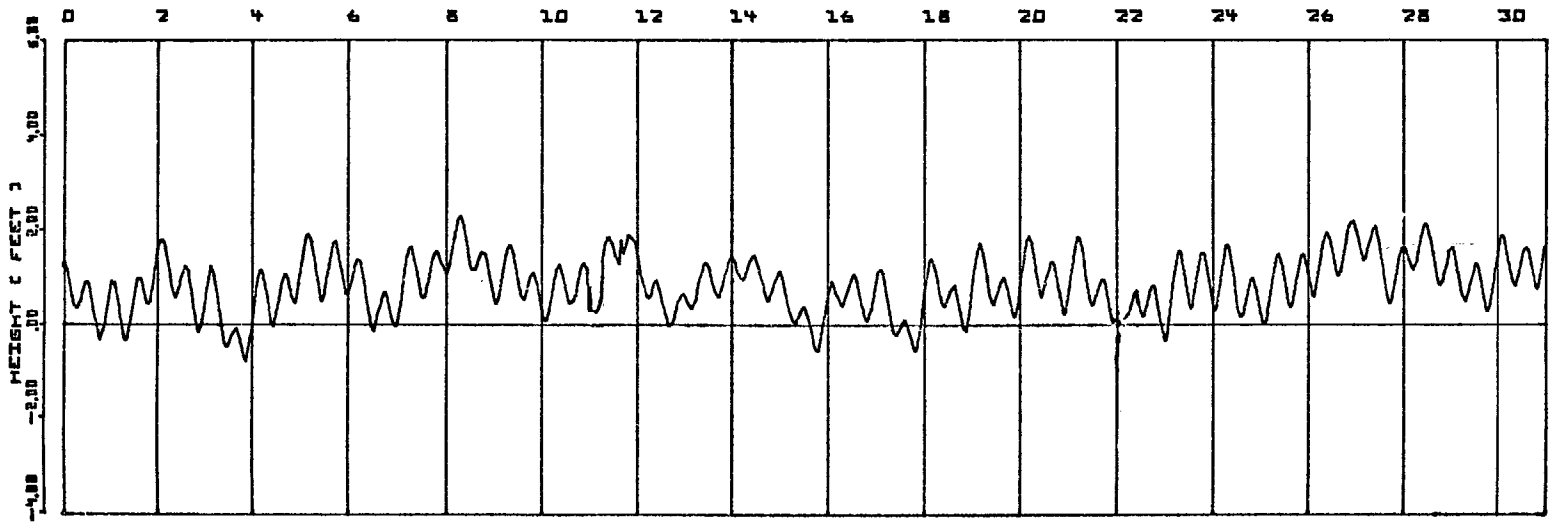

TIME IN DAYS

ACTUAL TIDE

MATAPEAKE [ APRIL 1974 ]



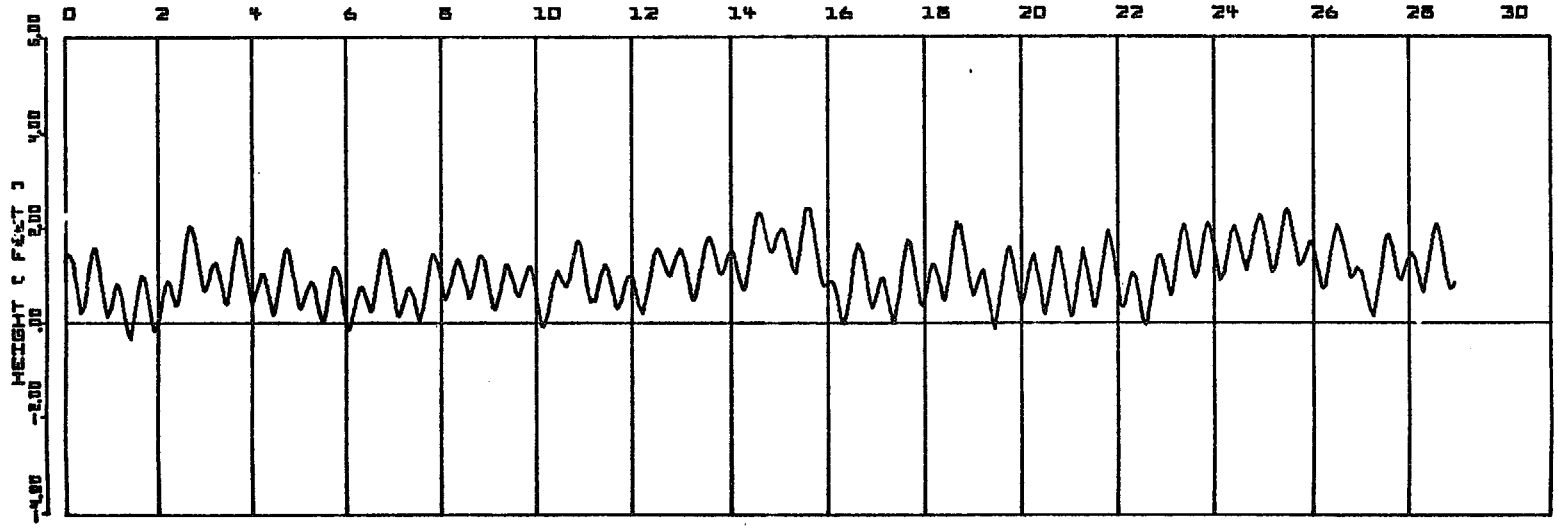

MATAPEAKE [ MAY 1974 ]



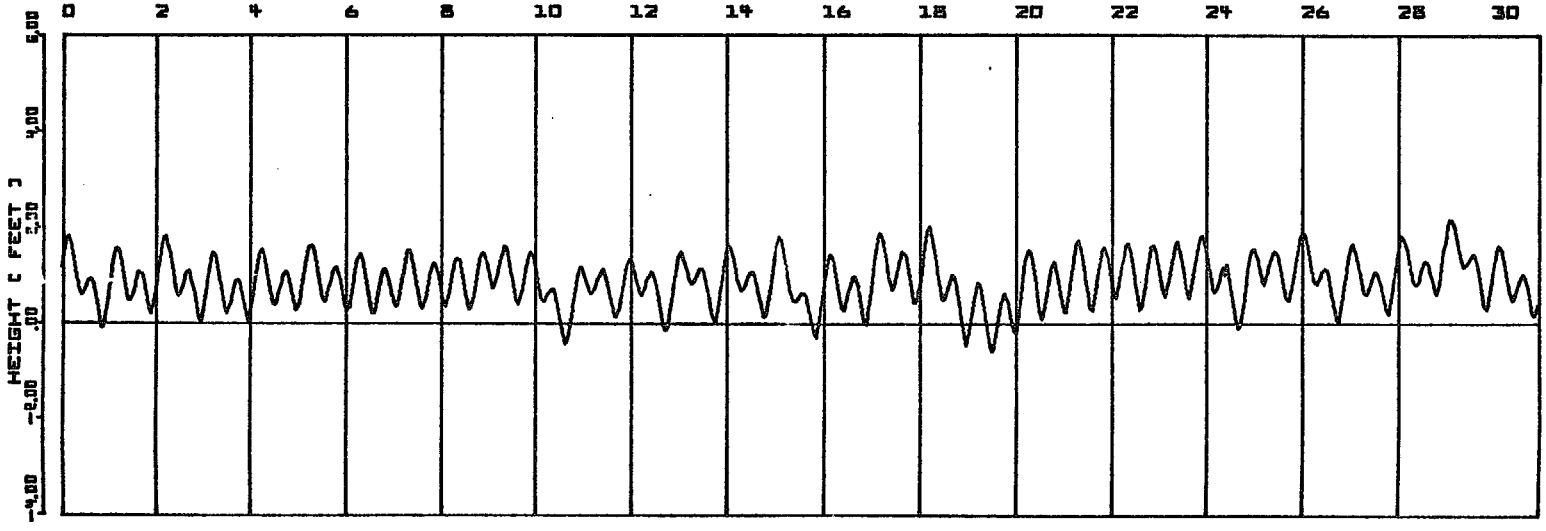

TIME IN DAYS

ACTUAL TIDE

MATAPEAKE [ JUNE 1974 ]



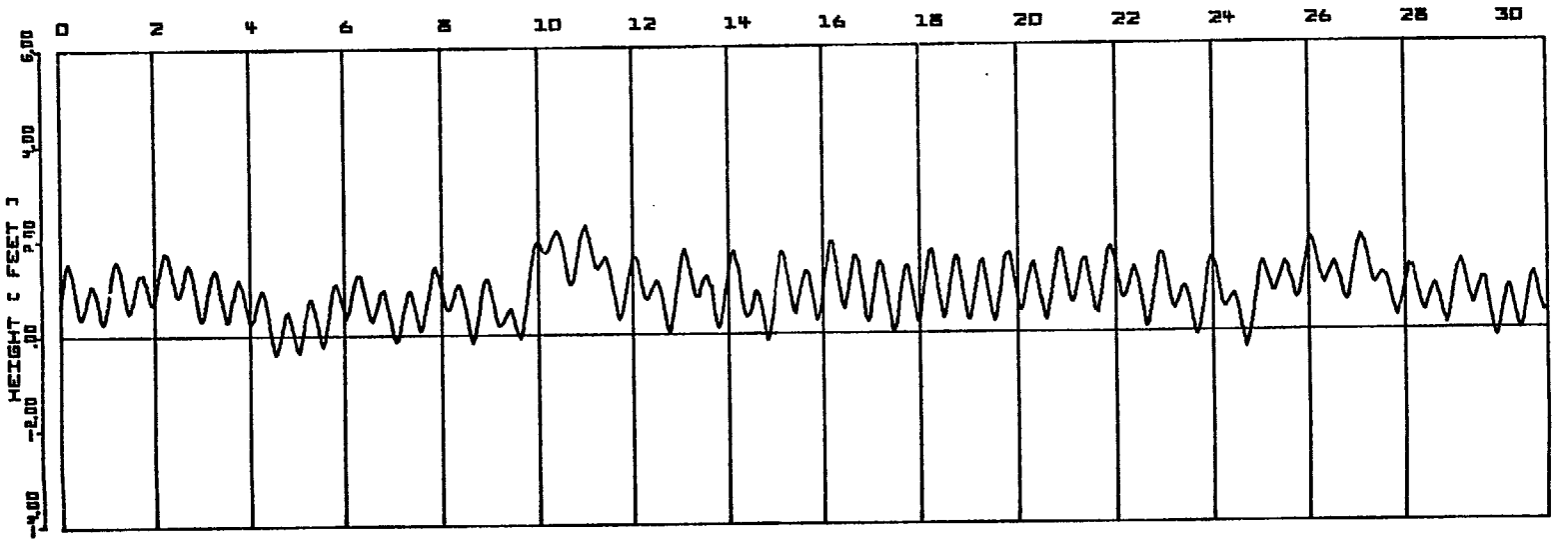

MATAPEAKE [ JULY 1974 ]



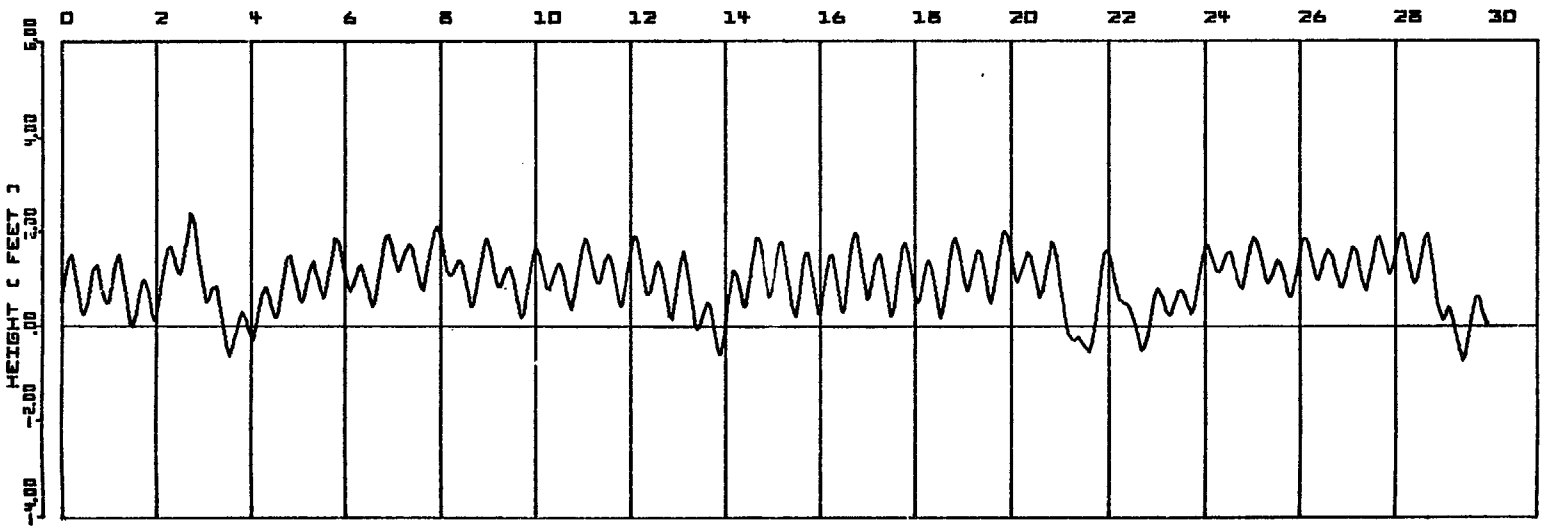

TIME IN DAYS

ACTUAL TIDE

MATAPEAKE [ AUGUST 1974 ]



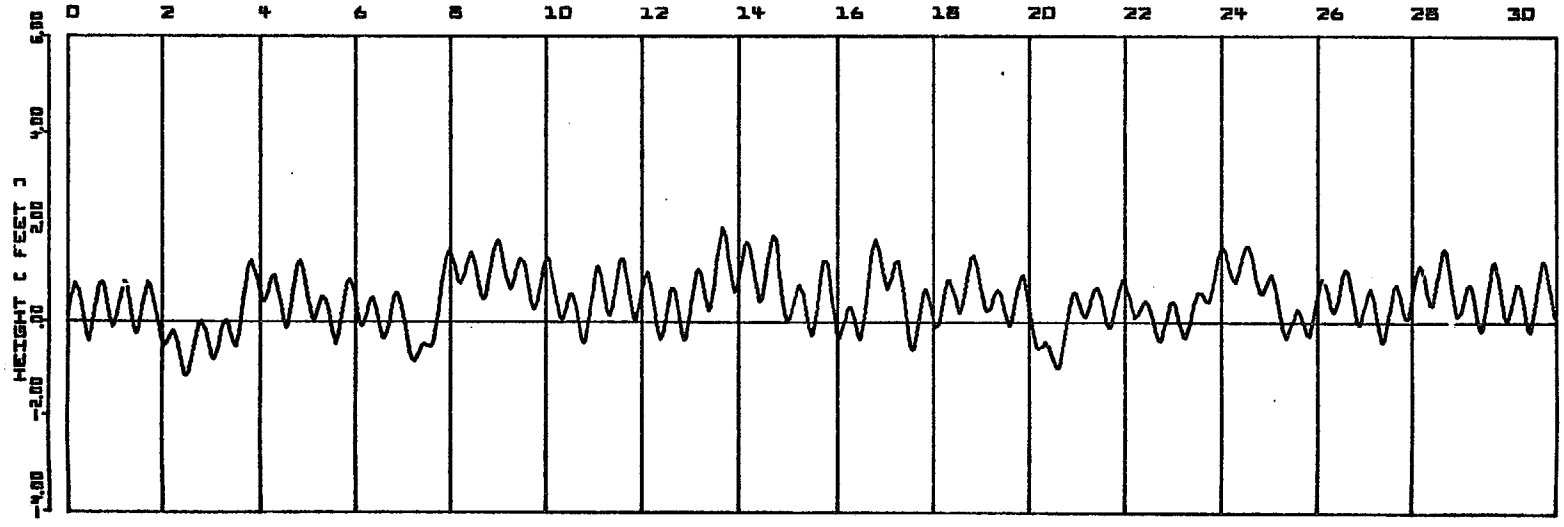

MATAPEAKE [ SEPTEMBER 1974 ]



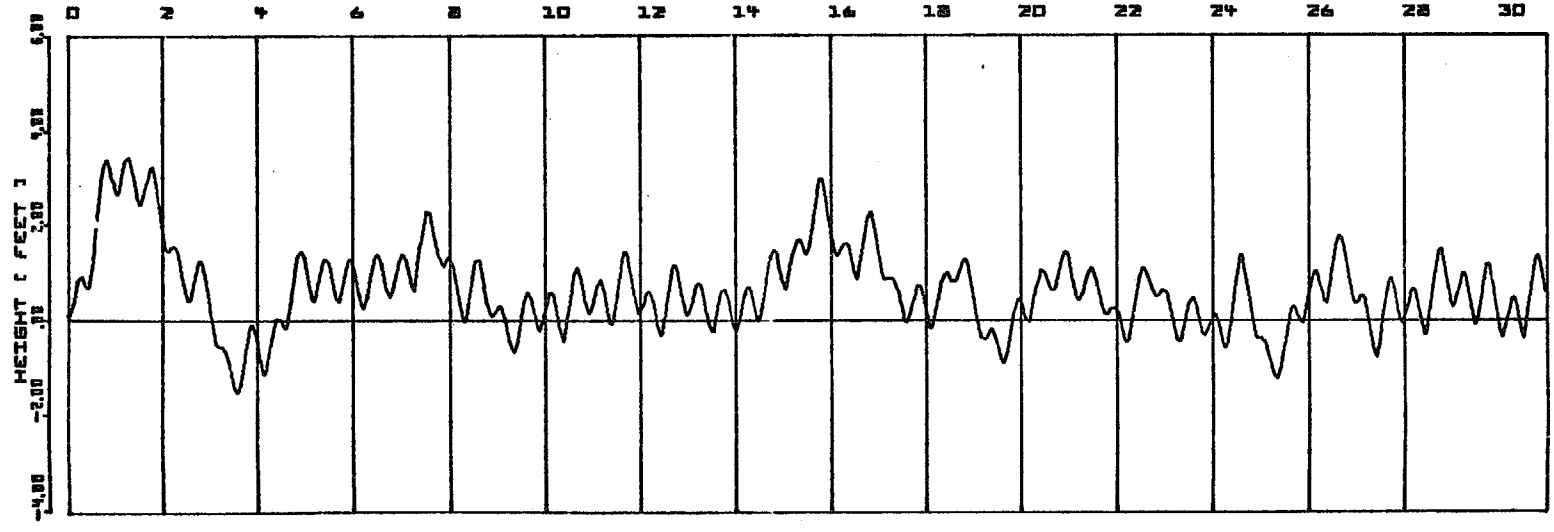

TIME IN DAYS

ACTUAL TIDE

MATAPEAKE [ OCTOBER 1974 ]



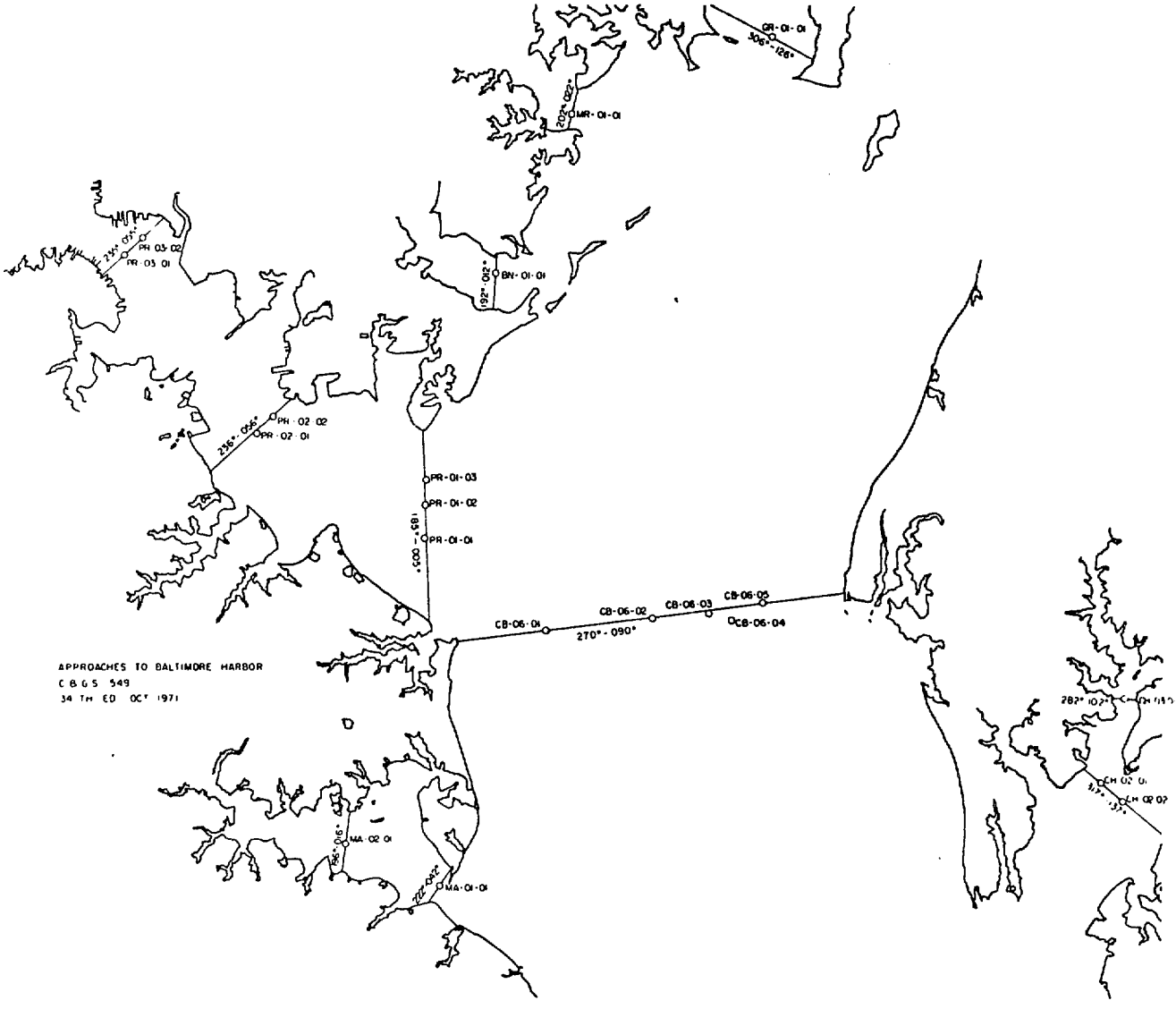

MATAPEAKE [ DECEMBER 1974 ]




TIME IN DAYS

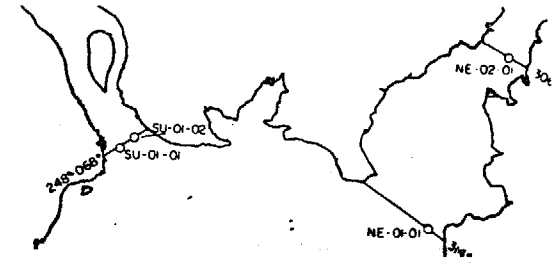
## 5. CURRENT DATA

### 5.1 Station CB-06 Chart




| STATION | LATITUDE (NORTH) | LONGITUDE (WEST) | VELOCITY METER DEPTH ( IN FEET) | REF. LINE FLOOD (CLOCKWISE) |
|---|---|---|---|---|
| CB-06-01 | 39°08'08" | 76°23'42" | 2, 12, 20 | 270°-090° |
| CB-06-02 | 39°08'21" | 76°21'13" | 2, 12, 18 | " |
| CB-06-03 | 39°08'27" | 76°20'07" | 2, 12, 22, 32 | " |
| CB-06-04 | 39°08'20" | 76°19'23" | 2, 12, 22, 32, 37 | " |
| CB-06-05 | 39°08'39" | 76°18'37" | 2, 12, 19 | " |

## 5.2 Station CB-07 Chart




| STATION | LATITUDE (NORTH) | LONGITUDE (WEST) | VELOCITY METER DEPTH ( IN FEET) | REF. LINE FLOOD (CLOCKWISE) |
|---|---|---|---|---|
| CB-07-01 | 39°20'42" | 76°12'53" | 4,11 | 328°-148° |
| CB-07-02 | 39°20'13" | 76°12'20" | 2, 13 | " |
| CB-07-03 | 39°19'57" | 76°12'02" | 2(4), 12, 22, 28 | " |
| CB-07-04 | 39°19'33" | 76°11'37" | 2, 12, 22 | " |
| CB-07-05 | 39°19'22" | 76°11'24" | 2, 12, 22, 32 | " |

## 5.3 Station Data Printouts

| FILE | NO. REC. | HEADER RECORD | | DATE RECORD |
|---|---|---|---|---|
| 1 | 130 | VCB06010002 | 2.00007623420390808 | 7231971 |
| 2 | 130 | VCB06010012 | 12.00007623420390808 | 7231971 |
| 3 | 29 | VCB06010020 | 20.00007623420390808 | 7231971 |
| 4 | 132 | VCB06020002 | 2.00007621130390821 | 7231971 |
| 5 | 132 | VCB06020012 | 12.00007621130390821 | 7231971 |
| 6 | 132 | VCB06020018 | 18.00007621130390821 | 7231971 |
| 7 | 132 | VCB06030002 | 2.00007620070390827 | 7231971 |
| 8 | 132 | VCB06030022 | 22.00007620070390827 | 7231971 |
| 9 | 132 | VCB06030032 | 32.00007620070390827 | 7231971 |
| 10 | 86 | VCB06040002 | 2.00007619230390820 | 7231971 |
| 11 | 133 | VCB06040022 | 22.00007619230390820 | 7231971 |
| 12 | 133 | VCB06040032 | 32.00007619230390820 | 7231971 |
| 13 | 135 | VCB06050002 | 2.00007618370390839 | 7231971 |
| 14 | 135 | VCB06050012 | 12.00007618370390839 | 7231971 |
| 15 | 130 | VCB07010004 | 4.00007612530392042 | 7231971 |
| 16 | 130 | VCB07010011 | 11.00007612530392042 | 7231971 |

| FILE | NO. REC. | HEADER RECORD | | DATE RECORD |
|---|---|---|---|---|
| 17 | 137 | VCB07020002 | 2.00007612200392013 | 7231971 |
| 18 | 137 | VCB07020013 | 13.00007612200392013 | 7231971 |
| 19 | 134 | VCB07030002 | 2.00007612020391957 | 7231971 |
| 20 | 128 | VCB07030004 | 4.00007612020391957 | 10101971 |
| 21 | 400 | VCB07030012 | 12.00007612020391957 | 7231971<br>8 31971<br>10 41971<br>10101971 |
| 22 | 466 | VCB07030022 | 22.00007612020391957 | 7231971<br>8 31971<br>10 41971<br>10101971 |
| 23 | 466 | VCB07030028 | 28.00007612020391957 | 7231971<br>8 31971<br>10 41971<br>10101971 |
| 24 | 135 | VCB07040002 | 2.00007611370391933 | 7231971 |
| 25 | 135 | VCB07040012 | 12.00007611370391933 | 7231971 |
| 26 | 135 | VCB07040022 | 22.00007611370391933 | 7231971 |
| 27 | 136 | VCB07050002 | 2.00007611240391922 | 7231971 |
| 28 | 70 | VCB07050012 | 12.00007611240391922 | 7231971 |
| 29 | 137 | VCB07050022 | 22.00007611240391922 | 7231971 |
| 30 | 137 | VCB07050032 | 32.00007611240391922 | 7231971 |

## 5.4 Input Data for the Numerical Model

FILE: 1

STATION:VCB0601 DEPTH: 2.00(FT) DATE: 7/23/1971

DATA START : 23.67(HRS) END 187.33(HRS) FIRST EBB DATA : 23.83(HRS)
AVERAGE E - W AND N - S COMPONENTS

| TIME(HOURS) | | E-W(24.8H) (FPS) | E-W(AVE) (FPS) | N-S(24.8H) (FPS) | N-S(AVE) (FPS) |
|---|---|---|---|---|---|
| 23.83 | 48.67 | .239 | .239 | .128 | .128 |
| 48.67 | 73.50 | .270 | .255 | .043 | .085 |
| 73.50 | 98.33 | .225 | .245 | .478 | .216 |
| 98.33 | 123.17 | .070 | .201 | -.440 | .052 |
| 123.17 | 148.00 | -.090 | .143 | .127 | .067 |
| 148.00 | 172.83 | .237 | .159 | .521 | .142 |

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FILE: 2

STATION:VCB0601 DEPTH: 12.00(FT) DATE: 7/23/1971

DATA START : 21.83(HRS) END 187.33(HRS) FIRST EBB DATA : 22.00(HRS)
AVERAGE E - W AND N - S COMPONENTS

| TIME(HOURS) | | E-W(24.8H) (FPS) | E-W(AVE) (FPS) | N-S(24.8H) (FPS) | N-S(AVE) (FPS) |
|---|---|---|---|---|---|
| 22.00 | 46.83 | -.128 | -.128 | -.076 | -.076 |
| 46.83 | 71.67 | -.113 | -.120 | -.074 | -.075 |
| 71.67 | 96.50 | -.283 | -.175 | .166 | .005 |
| 96.50 | 121.33 | .165 | -.090 | -.129 | -.028 |
| 121.33 | 146.17 | -.031 | -.078 | -.037 | -.030 |
| 146.17 | 171.00 | -.164 | -.092 | .074 | -.013 |

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READY.

FILE: 3

INVALID DATA AT TIME 0.00(HOURS)

STATION:VCB0601 DEPTH: 20.00(FT) DATE: 7/23/1971

DATA START : 21.67(HRS) END 51.83(HRS) FIRST EBB DATA : 21.83(HR
AVERAGE E - W AND N - S COMPONENTS

| TIME(HOURS) | | E-W(24.8H) (FPS) | E-W(AVE) (FPS) | N-S(24.8H) (FPS) | N-S(AVE) (FPS) |
|---|---|---|---|---|---|
| 21.83 | 46.67 | -.045 | -.045 | .007 | .007 |

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FILE: 4

INVALID DATA AT TIME 42.33(HOURS)
42.17 .846 338.000
42.33 .837 338.000
42.50 827 347.000
INVALID DATA AT TIME 0.00(HOURS)

STATION:VCB0602 DEPTH: 2.00(FT) DATE: 7/23/1974

DATA START : 17.17(HRS) END 188.00(HRS) FIRST EBB DATA : 17.33(HR
AVERAGE E - W AND N - S COMPONENTS

| TIME(HOURS) | | E-W(24.8H) (FPS) | E-W(AVE) (FPS) | N-S(24.8H) (FPS) | N-S(AVE) (FPS) |
|---|---|---|---|---|---|
| 17.33 | 42.17 | .104 | .104 | .191 | .191 |
| 42.17 | 67.00 | .149 | .127 | .051 | .121 |
| 67.00 | 91.83 | .136 | .130 | .353 | .198 |
| 91.83 | 116.67 | -.193 | .049 | -.401 | .048 |
| 116.67 | 141.50 | -.529 | -.066 | -.244 | -.010 |
| 141.50 | 166.33 | .195 | -.023 | .655 | .100 |

\P\

FILE: 5

STATION:VCB0602 DEPTH: 12.00(FT) DATE: 7/23/1974

DATA START : 22.50(HRS) END 188.00(HRS) FIRST EBB DATA : 22.67(HRS)
AVERAGE E - W AND N - S COMPONENTS

| TIME(HOURS) | | E-W(24.8H) (FPS) | E-W(AVE) (FPS) | N-S(24.8H) (FPS) | N-S(AVE) (FPS) |
|---|---|---|---|---|---|
| 22.67 | 47.50 | -.054 | -.054 | .018 | .018 |
| 47.50 | 72.33 | -.074 | -.064 | -.015 | .001 |
| 72.33 | 97.17 | -.025 | -.051 | .210 | .071 |
| 97.17 | 122.00 | -.120 | -.068 | -.249 | -.009 |
| 122.00 | 146.83 | -.119 | -.078 | -.195 | -.046 |
| 146.83 | 171.83 | .098 | -.049 | .066 | -.027 |

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FILE: 6

STATION:VCB0602 DEPTH: 18.00(FT) DATE: 7/23/1971

DATA START : 21.17(HRS) END 188.00(HRS) FIRST EBB DATA : 21.33(HRS)
AVERAGE E - W AND N - S COMPONENTS

| TIME(HOURS) | | E-W(24.8H) (FPS) | E-W(AVE) (FPS) | N-S(24.8H) (FPS) | N-S(AVE) (FPS) |
|---|---|---|---|---|---|
| 21.33 | 46.17 | -.088 | -.088 | -.021 | -.021 |
| 46.17 | 71.00 | -.085 | -.087 | -.021 | -.021 |
| 71.00 | 95.83 | -.217 | -.130 | .147 | .035 |
| 95.83 | 120.67 | .095 | -.074 | -.113 | -.002 |
| 120.67 | 145.50 | .036 | -.052 | -.109 | -.024 |
| 145.50 | 170.33 | -.485 | -.125 | -.003 | -.020 |

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READY.

FILE : 7

STATION:VCB0603 DEPTH: 2.00(FT) DATE: 7/23/1971

DATA START : 24.00(HRS) END 364.65(HRS) FIRST EBB DATA : 24.17(HR
AVERAGE E - W AND N - S COMPONENTS

| TIME(HOURS) | | E-W(24.8H) (FPS) | E-W(AVE) (FPS) | N-S(24.8H) (FPS) | N-S(AVE) (FPS) |
|---|---|---|---|---|---|
| 24.17 | 49.00 | -.052 | -.052 | .161 | .161 |
| 49.00 | 73.83 | .200 | .074 | .088 | .125 |
| 73.83 | 98.67 | -.109 | .013 | .462 | .237 |
| 98.67 | 123.50 | -.337 | -.075 | -.509 | .050 |
| 123.50 | 148.33 | -.231 | -.106 | .038 | .048 |
| 148.33 | 173.17 | .398 | -.022 | -.056 | .030 |

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FILE : 8

STATION:VCB0603 DEPTH: 22.00(FT) DATE: 7/23/1971

DATA START : 17.00(HRS) END 316.65(HRS) FIRST EBB DATA : 17.17(HRS
AVERAGE E - W AND N - S COMPONENTS

| TIME(HOURS) | | E-W(24.8H) (FPS) | E-W(AVE) (FPS) | N-S(24.8H) (FPS) | N-S(AVE) (FPS) |
|---|---|---|---|---|---|
| 17.17 | 42.00 | -.250 | -.250 | .086 | .086 |
| 42.00 | 66.83 | -.340 | -.295 | .084 | .085 |
| 66.83 | 91.67 | -.539 | -.376 | .071 | .081 |
| 91.67 | 116.50 | -.142 | -.324 | .084 | .081 |
| 116.50 | 141.33 | -.187 | -.291 | .424 | .150 |
| 141.33 | 166.17 | -.569 | -.338 | -.012 | .123 |

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FILE : 9

STATION:VCB0603 DEPTH: 32.00(FT) DATE: 7/23/1971

DATA START : 22.33(HRS) END 436.65(HRS) FIRST EBB DATA : 22.50(HRS)
AVERAGE E - W AND N - S COMPONENTS

| TIME(HOURS) | | E-W(24.8H) (FPS) | E-W(AVE) (FPS) | N-S(24.8H) (FPS) | N-S(AVE) (FPS) |
|---|---|---|---|---|---|
| 22.50 | 47.33 | .078 | .078 | .094 | .094 |
| 47.33 | 72.17 | .073 | .076 | .063 | .079 |
| 72.17 | 97.00 | .156 | .102 | .023 | .060 |
| 97.00 | 121.83 | .130 | .109 | .127 | .076 |
| 121.83 | 146.67 | .106 | .108 | .226 | .127 |
| 146.67 | 171.50 | .108 | .109 | -.085 | .091 |

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FILE : 10

STATION:VCB0604 DEPTH: 2.00(FT) DATE: 7/23/1971

DATA START : 23.50(HRS) END 220.65(HRS) FIRST EBB DATA : 23.67(HRS)
AVERAGE E - W AND N - S COMPONENTS

| TIME(HOURS) | | E-W(24.8H) (FPS) | E-W(AVE) (FPS) | N-S(24.8H) (FPS) | N-S(AVE) (FPS) |
|---|---|---|---|---|---|
| 23.67 | 48.50 | .029 | .029 | .114 | .114 |
| 48.50 | 73.33 | .315 | .172 | .028 | .071 |
| 73.33 | 98.17 | -.023 | .107 | .462 | .201 |
| 98.17 | 123.00 | -.236 | .021 | -.527 | .020 |

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FILE : 11

STATION:VCB0604 DEPTH: 22.00(FT) DATE: 7/23/1971

DATA START : 22.83(HRS) END 316.65(HRS) FIRST EBB DATA : 23.00(HRS)
AVERAGE E - W AND N - S COMPONENTS

| TIME(HOURS) | | E-W(24.8H) (FPS) | E-W(AVE) (FPS) | N-S(24.8H) (FPS) | N-S(AVE) (FPS) |
|---|---|---|---|---|---|
| 23.00 | 47.83 | -.229 | -.229 | .044 | .044 |
| 47.83 | 72.67 | -.235 | -.232 | .035 | .039 |
| 72.67 | 97.50 | -.405 | -.290 | .061 | .047 |
| 97.50 | 122.33 | -.130 | -.250 | .124 | .066 |
| 122.33 | 147.17 | -.164 | -.233 | .345 | .122 |
| 147.17 | 172.00 | -.523 | -.281 | -.247 | .060 |

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FILE : 12

STATION:VCB0604 DEPTH: 32.00(FT) DATE: 7/23/1971

DATA START : 21.67(HRS) END 388.65(HRS) FIRST EBB DATA : 21.83(HRS)
AVERAGE E - W AND N - S COMPONENTS

| TIME(HOURS) | | E-W(24.8H) (FPS) | E-W(AVE) (FPS) | N-S(24.8H) (FPS) | N-S(AVE) (FPS) |
|---|---|---|---|---|---|
| 21.83 | 46.67 | .088 | .088 | .027 | .027 |
| 46.67 | 71.50 | .093 | .090 | .008 | .018 |
| 71.50 | 96.33 | .198 | .126 | -.080 | -.015 |
| 96.33 | 121.17 | .069 | .112 | .080 | .009 |
| 121.17 | 146.00 | .201 | .130 | .266 | .060 |
| 146.00 | 170.83 | .187 | .139 | -.141 | .027 |

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FILE : 13

STATION:VCB0605 DEPTH: 2.00(FT) DATE: 7/23/1971

DATA START : 23.00(HRS) END 388.65(HRS) FIRST EBB DATA : 23.17(HRS)
AVERAGE E - W AND N - S COMPONENTS

| TIME(HOURS) | | E-W(24.8H) (FPS) | E-W(AVE) (FPS) | N-S(24.8H) (FPS) | N-S(AVE) (FPS) |
|---|---|---|---|---|---|
| 23.17 | 48.00 | -.194 | -.194 | .175 | .175 |
| 48.00 | 72.83 | .126 | -.034 | .021 | .098 |
| 72.83 | 97.67 | -.211 | -.093 | .407 | .201 |
| 97.67 | 122.50 | -.185 | -.116 | -.506 | .024 |
| 122.50 | 147.33 | -.451 | -.183 | .295 | .078 |
| 147.33 | 172.17 | -.385 | -.217 | .375 | .128 |

READY.

FILE : 14

STATION:VCB0605 DEPTH: 12.00(FT) DATE: 7/23/1971

DATA START : 15.33(HRS) END 268.65(HRS) FIRST EBB DATA : 15.50(HRS)
AVERAGE E - W AND N - S COMPONENTS

| TIME(HOURS) | | E-W(24.8) (FPS) | E-W(AVE) (FPS) | N-S(24.8H) (FPS) | N-S(AVE) (FPS) |
|---|---|---|---|---|---|
| 15.50 | 40.33 | -.109 | -.109 | -.271 | -.271 |
| 40.33 | 65.17 | -.376 | -.242 | -.033 | -.152 |
| 65.17 | 90.00 | -.470 | -.318 | .185 | -.040 |
| 90.00 | 114.83 | -.353 | -.327 | -.104 | -.056 |
| 114.83 | 139.67 | -.154 | -.292 | .119 | -.021 |
| 139.67 | 164.50 | -.566 | -.334 | .135 | .005 |
| 164.50 | 189.33 | -.322 | -.337 | -.242 | -.030 |

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## FILE: 15

STATION:VCB0701 DEPTH: 4.00(FT) DATE: 7/23/1971

DATA START : 22.67(HRS) END 292.65(HRS) FIRST EBB DATA : 22.83(HOURS
AVERAGE E - W AND N - S COMPONENTS

| TIME(HOURS) | | E-W(24.8H) (FPS) | E-W(AVE) (FPS) | N-S(24.H) (FPS) | N-S(AVE) (FPS) |
|---|---|---|---|---|---|
| 22.83 | 47.67 | -.018 | -.018 | .064 | .064 |
| 47.67 | 72.50 | -.084 | -.051 | .067 | .065 |
| 72.50 | 97.33 | .097 | -.002 | .120 | .084 |
| 97.33 | 122.17 | -.119 | -.031 | -.021 | .058 |
| 122.17 | 147.00 | -.007 | -.026 | .110 | .068 |
| 147.00 | 171.83 | -.138 | -.045 | .163 | .084 |

READY.

## FILE : 16

STATION:VCB0702 DEPTH: 2.00(FT) DATE: 7/23/1971

DATA START : 10.17(HRS) END 364.65(HRS) FIRST EBB DATA : 10.33(HRS)
AVERAGE E - W AND N - S COMPONENTS

| TIME(HOURS) | | E-W(24.8H) (FPS) | E-W(AVE) (FPS) | N-S(24.8H) (FPS) | N-S(AVE) (FPS) |
|---|---|---|---|---|---|
| 10.33 | 35.17 | -.892 | -.892 | .123 | .123 |
| 35.17 | 60.00 | -.723 | -.807 | 127 | .125 |
| 60.00 | 84.83 | -.700 | -.771 | .288 | .179 |
| 84.83 | 109.67 | -.743 | -.767 | .122 | .165 |
| 109.67 | 134.50 | -.991 | -.810 | -.042 | .124 |
| 134.50 | 159.33 | -.684 | -.798 | .439 | .176 |
| 159.33 | 184.17 | -.679 | -.773 | .050 | .158 |

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FILE : 17

STATION:VCB0701 DEPTH: 11.00(FT) DATE: 7/23/1971

DATA START : 22.50(HRS) END 316.65(HRS) FIRST EBB DATA : 22.67(HRS)
AVERAGE E - W AND N - S COMPONENTS

| TIME(HOURS) | | E-W(24.8H) (FPS) | E-W(AVE) (FPS) | N-S(24.8H) (FPS) | N-S(AVE) (FPS) |
|---|---|---|---|---|---|
| 22.67 | 47.50 | .084 | .084 | .083 | .083 |
| 47.50 | 72.33 | .064 | .074 | .085 | .084 |
| 72.33 | 97.17 | .161 | .103 | .085 | .084 |
| 97.17 | 122.00 | .006 | .065 | .071 | .081 |
| 122.00 | 146.83 | .059 | .075 | .022 | .069 |
| 146.83 | 171.67 | .090 | .077 | .008 | .059 |

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FILE : 18

STATION:VCB0702 DEPTH: 13.00(FT) DATE: 7/23/1971

DATA START : 10.33(HRS) END 340.65(HRS) FIRST EBB DATA : 10.50(HRS)
AVERAGE E - W AND N - S COMPONENTS

| TIME(HOURS) | | E-W(24.8H) (FPS) | E-W(AVE) (FPS) | N-S(24.8H) (FPS) | N-S(AVE) (FPS) |
|---|---|---|---|---|---|
| 10.50 | 35.33 | -.079 | -.079 | -.317 | -.317 |
| 35.33 | 60.17 | -.146 | -.112 | -.275 | -.296 |
| 60.17 | 85.00 | -.027 | -.084 | -.193 | -.261 |
| 85.00 | 109.83 | -.112 | -.091 | -.297 | -.270 |
| 109.83 | 134.67 | -.122 | -.097 | -.332 | -.282 |
| 134.67 | 159.50 | .013 | -.078 | -.074 | -.248 |
| 159.50 | 184.33 | -.303 | -.111 | -.429 | -.274 |

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FILE : 19

STATION:VCB0703 DEPTH: 2.00(FT) DATE: 7/23/1971

DATA START : 11.00(HRS) END 412.65(HRS) FIRST EBB DATA : 11.17(HOURS
AVERAGE E - W AND N - S COMPONENTS

| TIME(HOURS) | | E-W(24.8H) (FPS) | E-W(AVE) (FPS) | N-S(24.H) (FPS) | N-S(AVE) (FPS) |
|---|---|---|---|---|---|
| 11.17 | 36.00 | -.434 | -.434 | -.074 | -.074 |
| 36.00 | 60.83 | -.182 | -.308 | -.226 | -.150 |
| 60.83 | 85.67 | -.334 | -.317 | .253 | -.016 |
| 85.67 | 110.50 | -.212 | -.291 | -.177 | -.056 |
| 110.50 | 135.33 | -.345 | -.302 | -.551 | -.155 |
| 135.33 | 160.17 | -.383 | -.315 | .336 | -.073 |
| 160.17 | 185.00 | -.396 | -.327 | -.226 | -.095 |

READY.

FILE :20

STATION:VCB0703 DEPTH: 4.00(FT) DATE:10/10/1971

DATA START : 21.83(HRS) END 316.65(HRS) FIRST EBB DATA : 22.00(HRS)
AVERGE E - W AND N - S COMPONENTS

| TIME(HOURS) | | E-W(24.8H) (FPS) | E-W(AVE) (FPS) | N-S(24.8H) (FPS) | N-S(AVE) (FPS) |
|---|---|---|---|---|---|
| 22.00 | 46.83 | -.352 | -.352 | -.333 | -.333 |
| 46.83 | 71.67 | -.534 | -.443 | -.522 | -.428 |
| 71.67 | 96.50 | -.032 | -.306 | -.001 | -.285 |
| 96.50 | 121.33 | -.362 | -.320 | -.491 | -.336 |
| 121.33 | 146.17 | -.409 | -.337 | -.561 | -.381 |
| 146.17 | 171.00 | -.315 | -.334 | -.429 | -.389 |

READY.

# FILE : 21

STATION:VCB0703 DEPTH: 12.00(FT) DATE: 7/23/1971

DATA START : 23.00(HRS) END 744.00(HRS) FIRST EBB DATA : 23.33(HOURS
AVERAGE E - W AND N - S COMPONENTS

| TIME(HOURS) | | E-W(49.7H (FPS) | E-W(AVE) (FPS) | N-S(49.7H (FPS) | N-S(AVE) (FPS) |
|---|---|---|---|---|---|
| 23.33 | 73.00 | -.100 | -.100 | -.137 | -.137 |
| 73.00 | 122.67 | -.036 | -.068 | -.190 | -.163 |
| 122.67 | 172.33 | -.044 | -.060 | -.125 | -.150 |

NOTE: THE REASON WHY THE PERIOD BETWEEN 23.33 AND 73.00 IS 49.67 IS BECAUSE THE INTERVAL FOR DATA COLLECTION WAS 20 MINUTES INSTED OF 10 MINUTES AS WITH OTHER FILES.

## FILE: 22

STATION:VCB0703 DEPTH: 22.00(FT) DATE: 7/23/1971

DATA START : 22.83(HRS) END 554.83(HRS) FIRST EBB DATA : 23.33(HOURS
AVERAGE E - W AND N - S COMPONENTS

| TIME(HOURS) | | E-W(24.8H) (FPS) | E-W(AVE) (FPS) | N-S(24.H) (FPS) | N-S(AVE) (FPS) |
|---|---|---|---|---|---|
| 23.33 | 48.17 | .032 | .032 | -.088 | -.088 |
| 48.17 | 73.00 | .051 | .041 | -.059 | -.073 |
| 73.00 | 97.83 | .133 | .072 | -.008 | -.051 |
| 97.83 | 122.67 | .060 | .069 | -.138 | -.073 |
| 122.67 | 147.50 | .157 | .087 | .024 | -.054 |
| 147.50 | 172.33 | -.006 | .071 | -.083 | -.059 |

## FILE: 23

STATION:VCB0703 DEPTH: 28.00(FT) DATE: 7/23/1971

DATA START : 22.50(HRS) END 554.83(HRS) FIRST EBB DATA : 22.67(HOURS
AVERAGE E - W AND N - S COMPONENTS

| TIME(HOURS) | | E-W(24.8H) (FPS) | E-W(AVE) (FPS) | N-S(24.H) (FPS) | N-S(AVE) (FPS) |
|---|---|---|---|---|---|
| 22.67 | 47.50 | .100 | .100 | -.022 | -.022 |
| 47.50 | 72.33 | .126 | .113 | .018 | -.002 |
| 72.33 | 97.17 | .100 | .109 | .110 | .035 |
| 97.17 | 122.00 | .100 | .107 | -.043 | .016 |
| 122.00 | 146.83 | .228 | .131 | .089 | .030 |
| 146.83 | 171.67 | .138 | .132 | -.018 | .022 |

FILE :24

STATION:VCB0704 DEPTH: 2.00(FT) DATE: 7/23/1971

DATA START : 10.67(HRS) END 340.65(HRS) FIRST EBB DATA : 10.83(HRS)
AVERAGE E - W AND N - S COMPONENTS

| TIME(HOURS) | | E-W(24.8H) (FPS) | E-W(AVE) (FPS) | N-S(24.8H) (FPS) | N-S(AVE) (FPS) |
|---|---|---|---|---|---|
| 10.83 | 35.67 | .219 | .219 | .133 | .133 |
| 35.67 | 60.50 | .262 | .240 | -.020 | .056 |
| 60.50 | 85.33 | .212 | .231 | .399 | .170 |
| 85.33 | 110.17 | .212 | .226 | -.010 | .125 |
| 110.17 | 135.00 | .042 | .189 | .061 | .112 |
| 135.00 | 159.83 | .068 | .169 | .518 | .180 |
| 159.83 | 184.67 | .002 | .145 | -.301 | .111 |

FILE : 25

STATION:VCB0704 DEPTH: 12.00(FT) DATE: 7/23/1971

DATA START : 10.50(HRS) END 340.65(HRS) FIRST EBB DATA : 10.67(HRS)
AVERAGE E - W AND N - S COMPONENTS

| TIME(HOURS) | | E-W(24.8H) (FPS) | E-W(AVE) (FPS) | N-S(24.8H) (FPS) | N-S(AVE) (FPS) |
|---|---|---|---|---|---|
| 10.67 | 35.50 | .044 | .044 | .251 | .251 |
| 35.50 | 60.33 | .024 | .034 | .220 | .236 |
| 60.33 | 85.17 | .052 | .040 | .302 | .257 |
| 85.17 | 110.00 | -.012 | .027 | .199 | .243 |
| 110.00 | 134.83 | .075 | .037 | .187 | .231 |
| 134.83 | 159.67 | .208 | .065 | .444 | .267 |
| 159.67 | 184.50 | -.047 | .049 | -.066 | .219 |

READY.

FILE :26

STATION:VCB0704 DEPTH: 22.00(FT) DATE: 7/23/1971

DATA START : 10.50(HRS) END 340.65(HRS) FIRST EBB DATA : 10.67(HRS)
AVERAGE E - W AND N - S COMPONENTS

| TIME(HOURS) | | E-W(24.8H) (FPS) | E-W(AVE) (FPS) | N-S(24.8H) (FPS) | N-S(AVE) (FPS) |
|---|---|---|---|---|---|
| 10.67 | 35.50 | -.080 | -.080 | .174 | .174 |
| 35.50 | 60.33 | -.095 | -.087 | .174 | .174 |
| 60.33 | 85.17 | -.055 | -.076 | .175 | .174 |
| 85.17 | 110.00 | -.090 | -.080 | .115 | .159 |
| 110.00 | 134.83 | -.028 | -.069 | .144 | .156 |
| 134.83 | 159.67 | -.066 | -.069 | .390 | .195 |
| 159.67 | 184.50 | -.109 | -.075 | .005 | .168 |

READY.

FILE : 27

STATION:VCB0705 DEPTH: 2.00(FT) DATE: 7/23/1971

DATA START : 9.67(HRS) END 292.65(HRS) FIRST EBB DATA : 9.83(HRS)
AVERAGE E - W AND N - S COMPONENTS

| TIME(HOURS) | | E-W(24.8H) (FPS) | E-W(AVE) (FPS) | N-S(24.8H) (FPS) | N-S(AVE) (FPS) |
|---|---|---|---|---|---|
| 9.83 | 34.67 | -.042 | -.042 | .033 | .033 |
| 34.67 | 59.50 | .001 | -.020 | .077 | .055 |
| 59.50 | 84.33 | -.133 | -.051 | .196 | .102 |
| 84.33 | 109.17 | -.137 | -.077 | .004 | .077 |
| 109.17 | 134.00 | -.056 | -.073 | -.136 | .035 |
| 134.00 | 158.83 | -.281 | -.108 | .170 | .057 |
| 158.83 | 183.67 | -.046 | -.099 | -.086 | .040 |

READY.

FILE : 28

STATION:VCB0705 DEPTH: 12.00(FT) DATE: 7/23/1971

DATA START : 9.67(HRS) END 436.65(HRS) FIRST EBB DATA : 10.00(HRS)
AVERAGE E - W AND N - S COMPONENTS

| TIME(HOURS) | | E-W(24.8H) (FPS) | E-W(AVE) (FPS) | N-S(24.8H) (FPS) | N-S(AVE) (FPS) |
|---|---|---|---|---|---|
| 10.00 | 59.67 | -.012 | -.012 | -.023 | -.023 |
| 59.67 | 109.33 | -.073 | -.043 | .024 | .001 |
| 109.33 | 159.00 | -.116 | -.067 | .024 | .008 |

READY.

FILE : 29

STATION:VCB0705 DEPTH: 22.00(FT) DATE: 7/23/1971

DATA START : 9.83(HRS) END 436.65(HRS) FIRST EBB DATA : 10.00(HRS)
AVERAGE E - W AND N - S COMPONENTS

| TIME(HOURS) | | E-W(24.8H) (FPS) | E-W(AVE) (FPS) | N-S(24.8H) (FPS) | N-S(AVE) (FPS) |
|---|---|---|---|---|---|
| 10.00 | 34.83 | -.010 | -.010 | .006 | .006 |
| 34.83 | 59.67 | -.008 | -.009 | -.006 | -.000 |
| 59.67 | 84.50 | .005 | -.004 | .033 | .011 |
| 84.50 | 109.33 | .001 | -.003 | -.042 | -.002 |
| 109.33 | 134.17 | .041 | .006 | -.036 | -.009 |
| 134.17 | 159.00 | .084 | .019 | .026 | -.003 |
| 159.00 | 183.83 | -.045 | .010 | -.093 | -.016 |

READY.

FILE :30

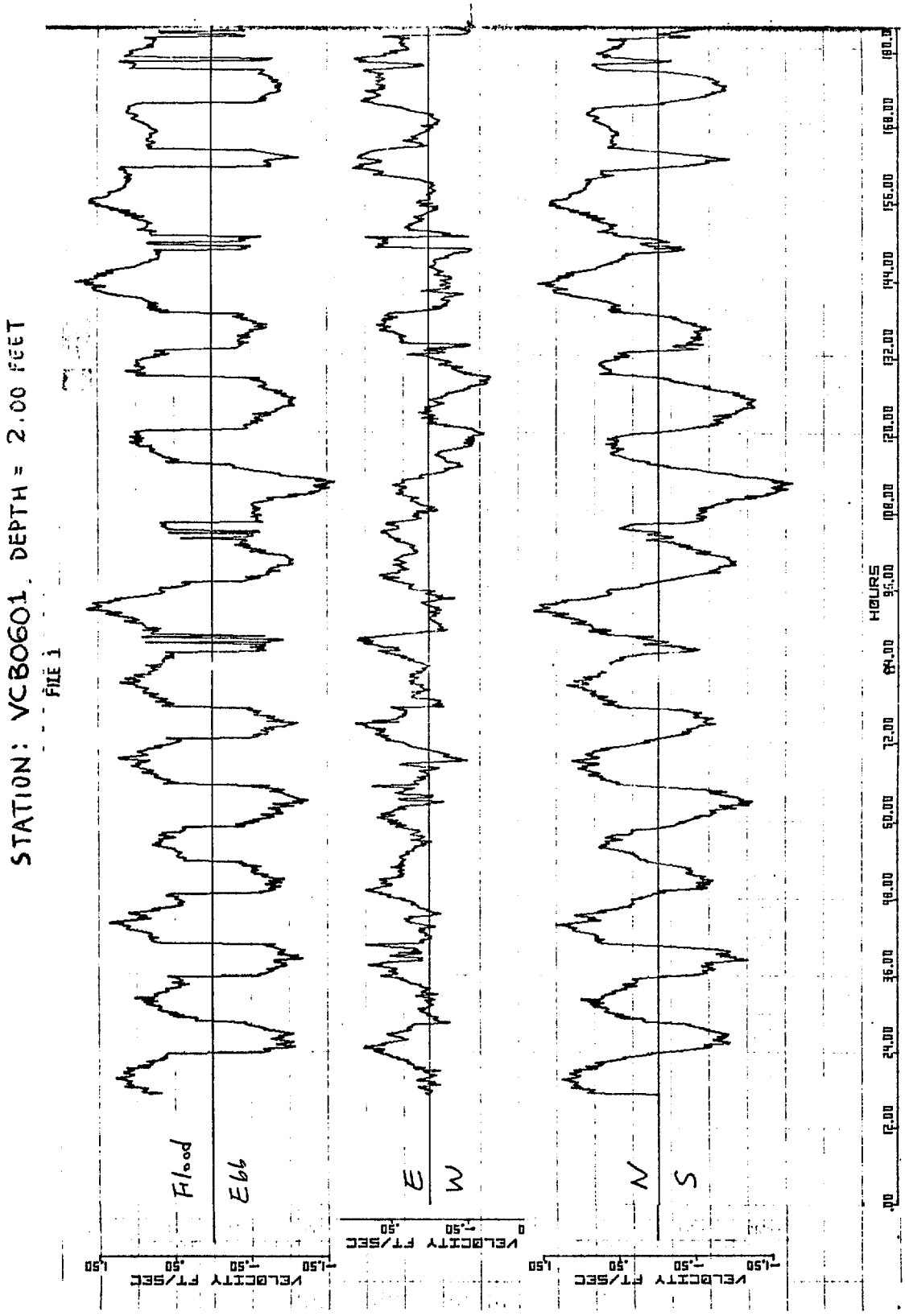
STATION:VCB0705 DEPTH: 32.00(FT) DATE: 7/23/1971

DATA START : 9.50(HRS) END 436.65(HRS) FIRST EBB DATA : 9.67(HRS)
AVERAGE E - W AND N - S COMPONENTS

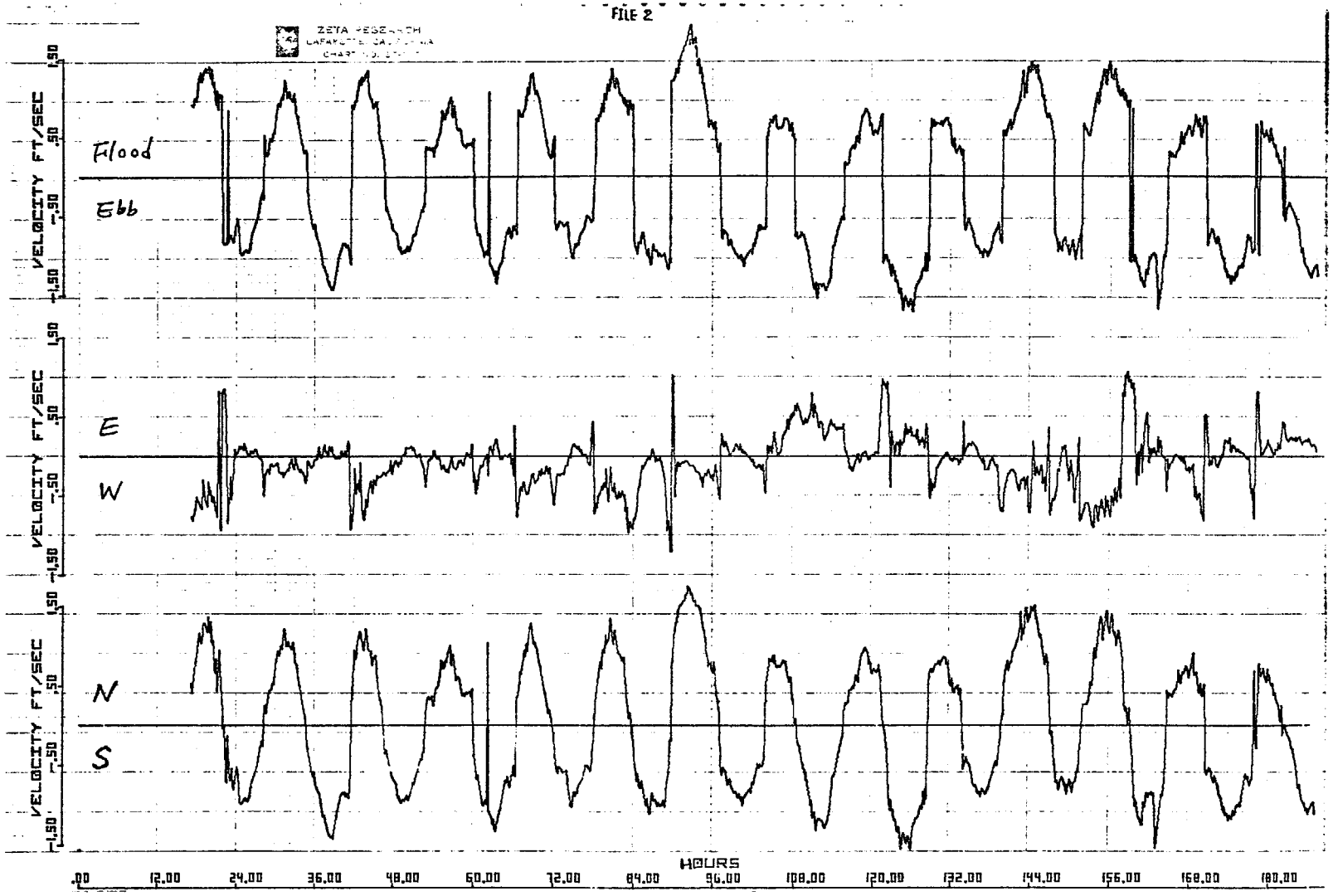
| TIME(HOURS) | | E-W(24.8H) (FPS) | E-W(AVE) (FPS) | N-S(24.8H) (FPS) | N-S(AVE) (FPS) |
|---|---|---|---|---|---|
| 9.67 | 34.50 | -.034 | -.034 | .106 | .106 |
| 34.50 | 59.33 | -.008 | -.021 | .070 | .088 |
| 59.33 | 84.17 | .043 | .000 | .047 | .074 |
| 84.17 | 109.00 | .041 | .010 | .005 | .055 |
| 109.00 | 133.83 | .004 | .009 | .003 | .044 |
| 133.83 | 158.67 | .171 | .036 | .048 | .045 |
| 158.67 | 183.50 | -.002 | .031 | -.061 | .030 |

READY.

5.5 **Curent Velocity Data**

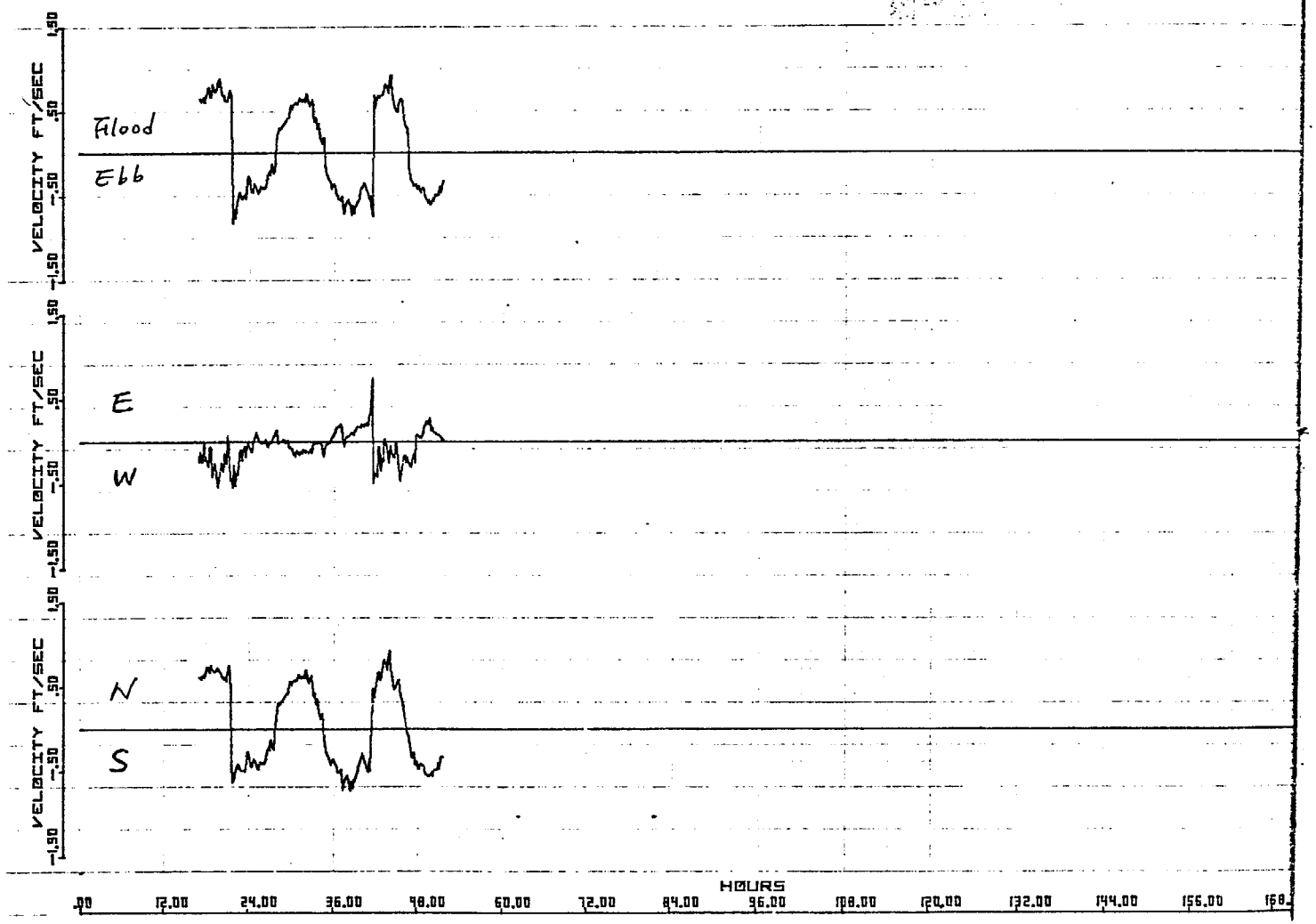


STATION VCB0601, DEPTH = 12.0 FEET



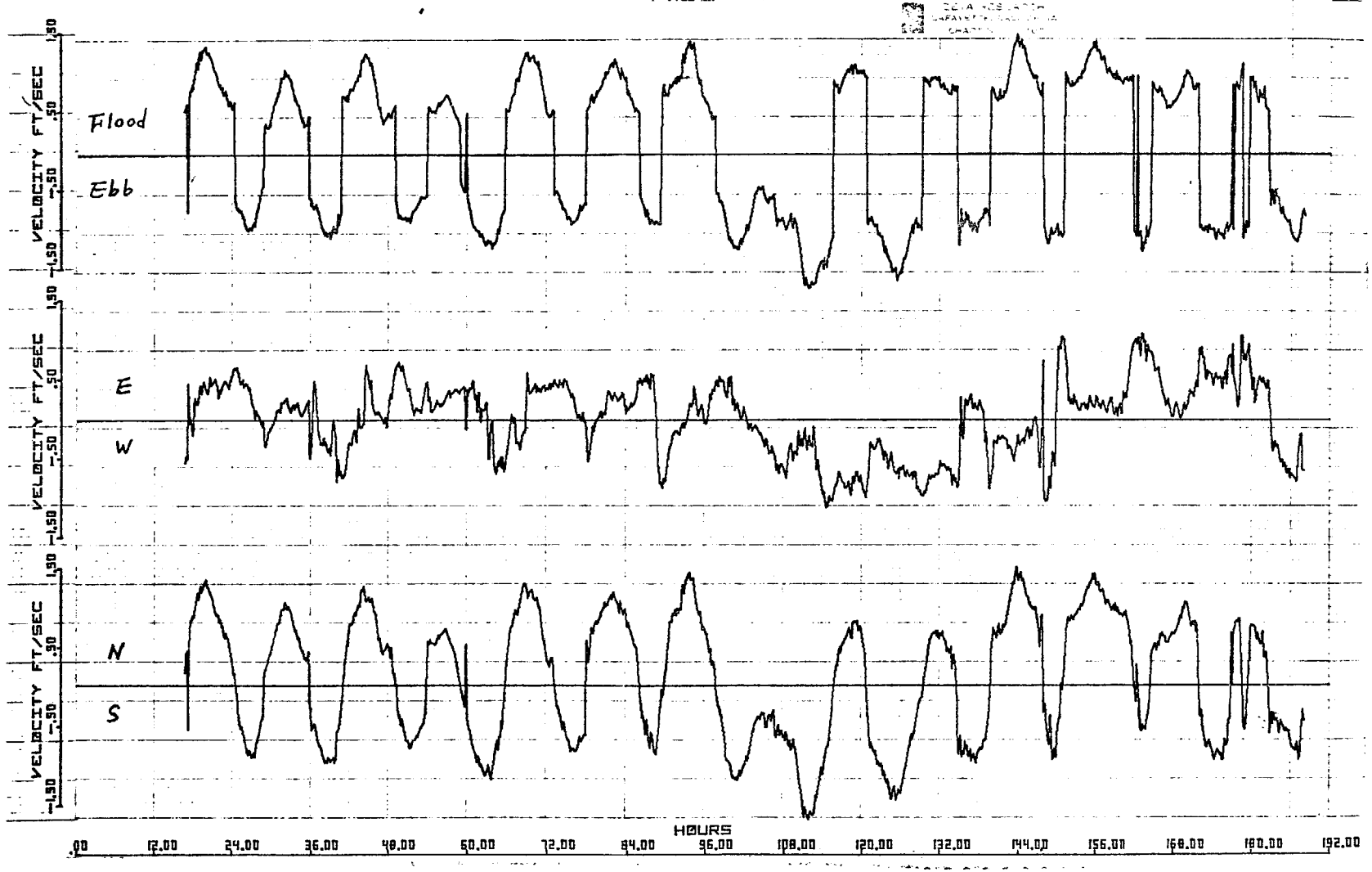
STATION: VCB0601, DEPTH = 20 FEET

FILE:3



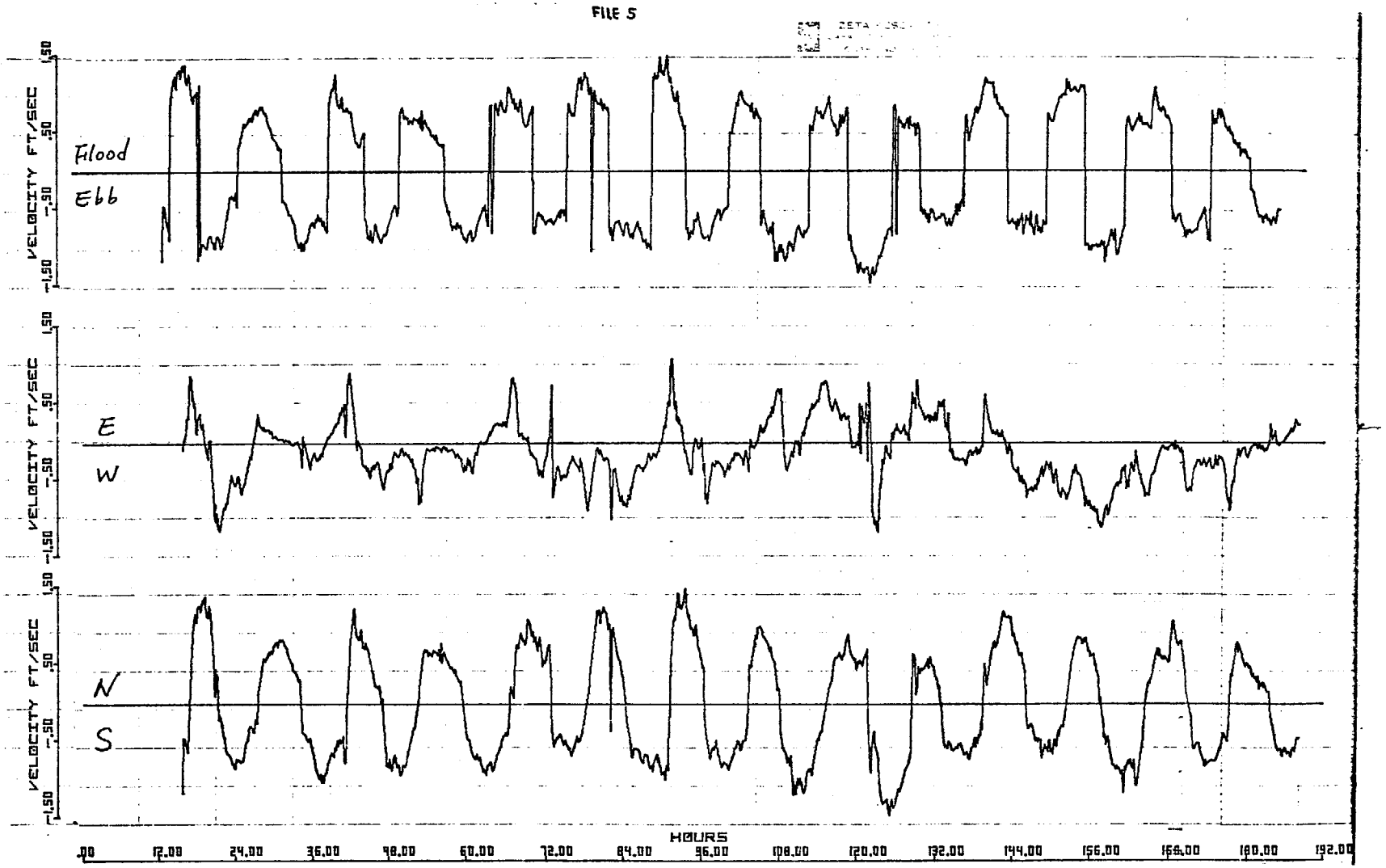
STATION VCB0602: DEPTH = 2.00 FEET.

FILE: 4



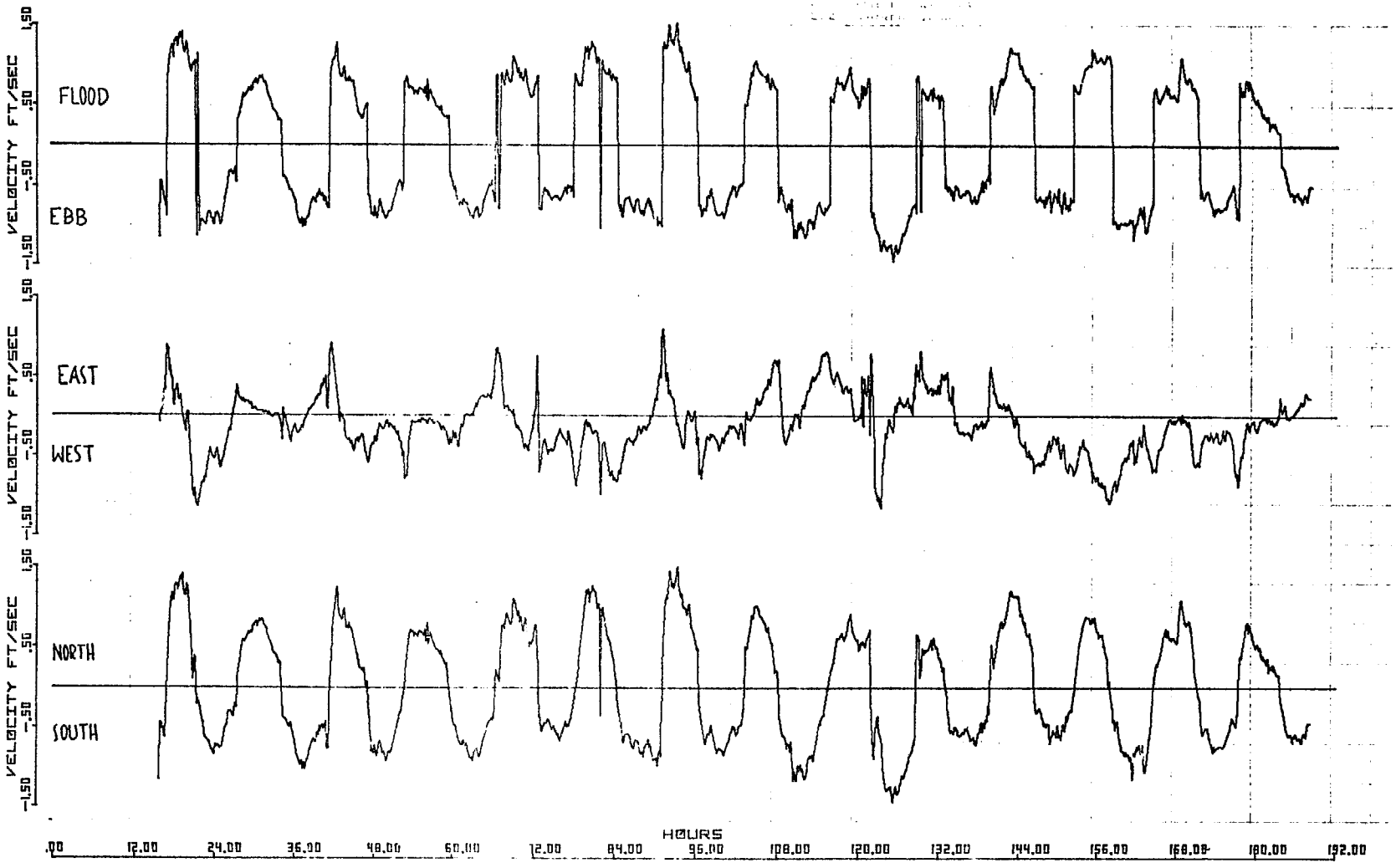
STATION VCB0602: DEPTH = 12.0 FEET

FILE 5



STATION VCB0602 : DEPTH = 18.00 FEET

FILE: 6

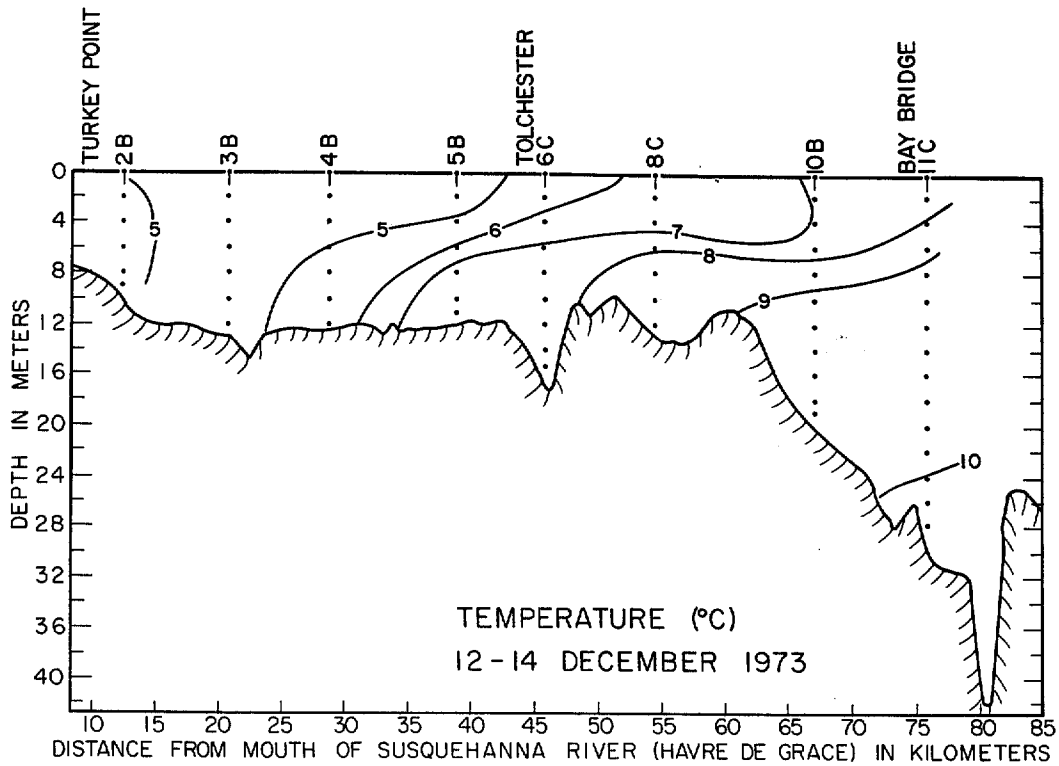


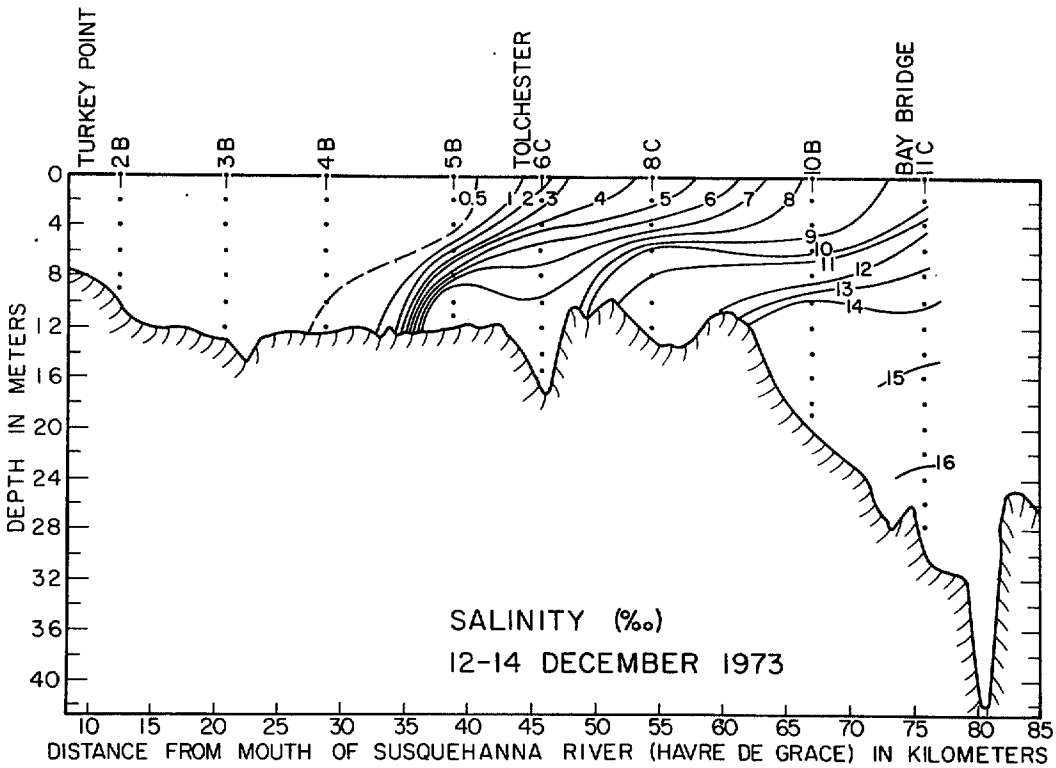
# APPENDIX B

## SUPPLEMENTARY DATA ON SUSPENDED SEDIMENTS

Appendix B supplements Volume II, Chapter 4, Section 4.2, Suspended Sediments by J. R. Schubel and W. B. Cronin. While reference is made to the following pages in Section 4.2, they do not enter directly into the discussion of the text. They are inserted here for that reason and to consolidate this basic data with the other data base infomation in Volume III.

J. R. Schubel
State University of New York
Stoney Brook, N.Y.
(Formerly of The Johns Hopkins University)

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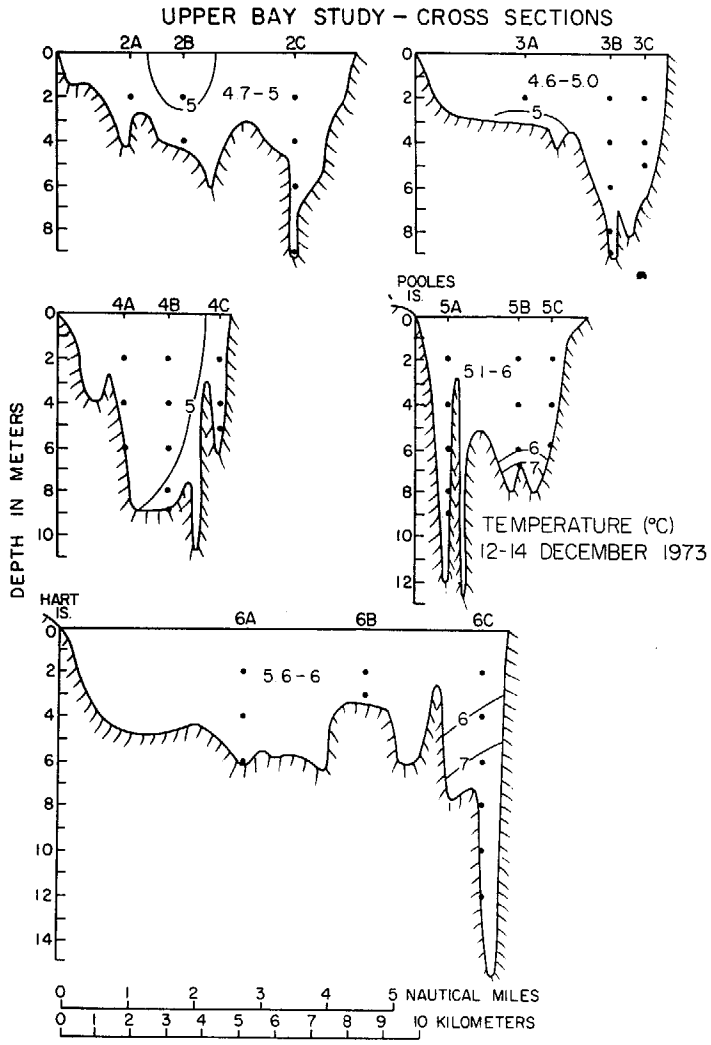


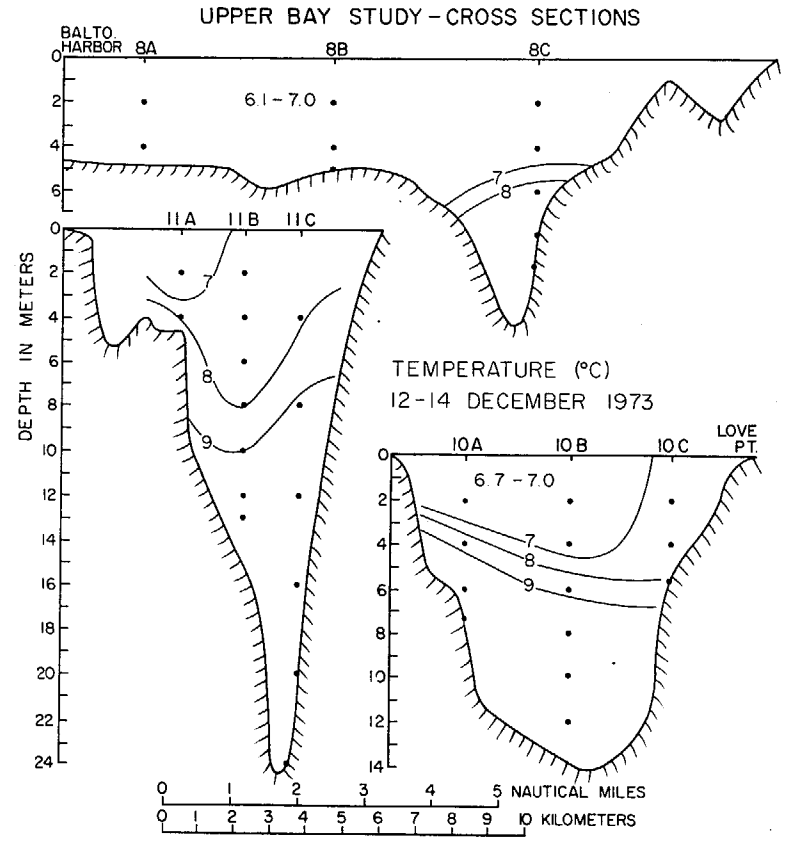


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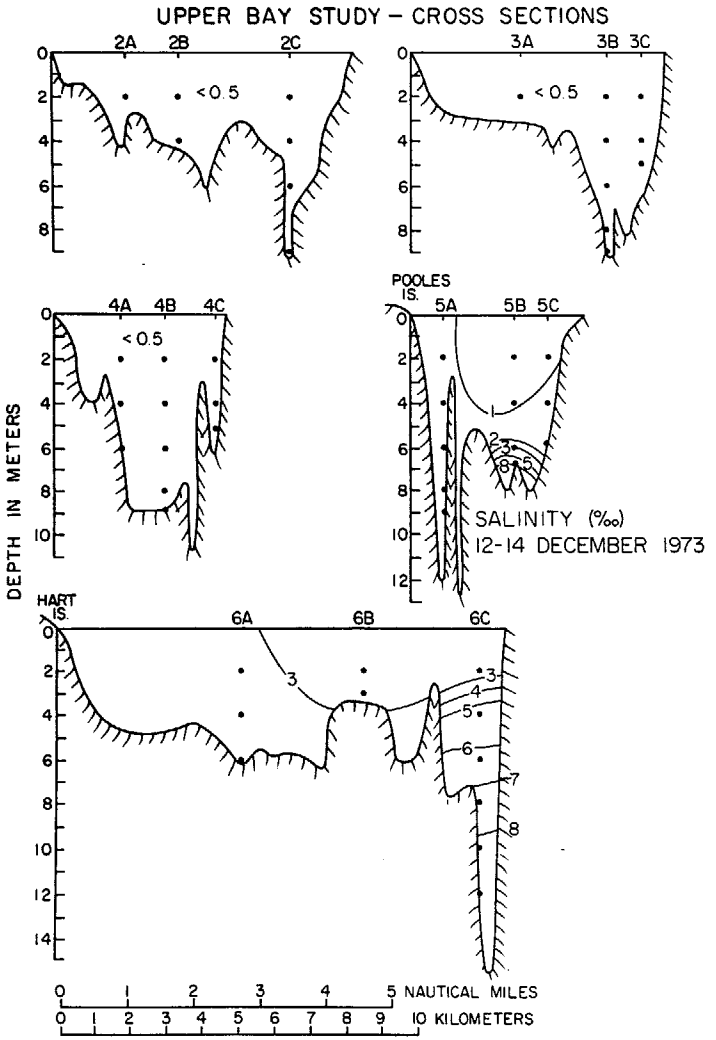


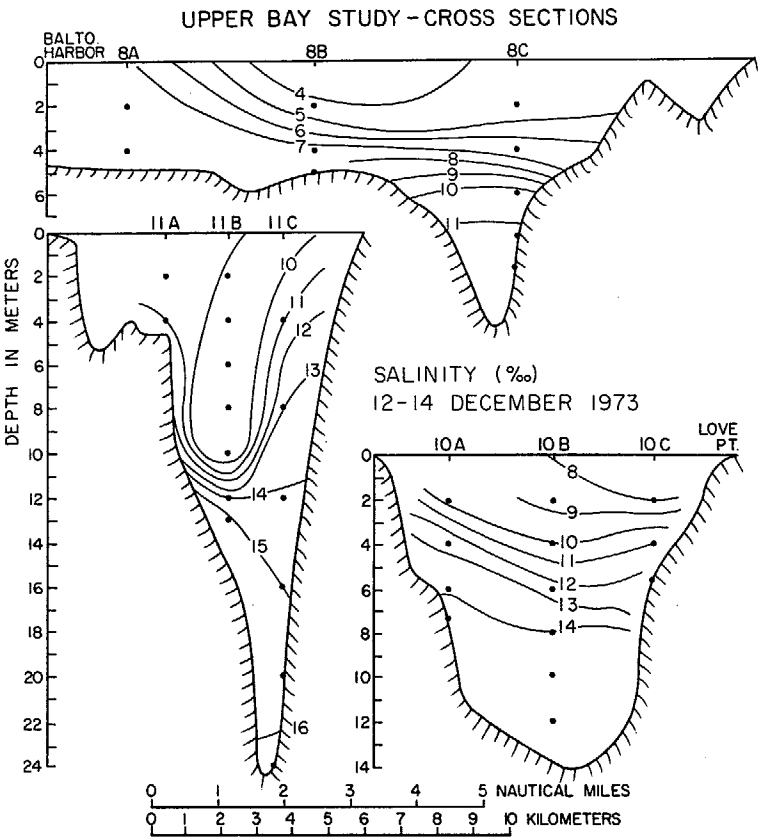


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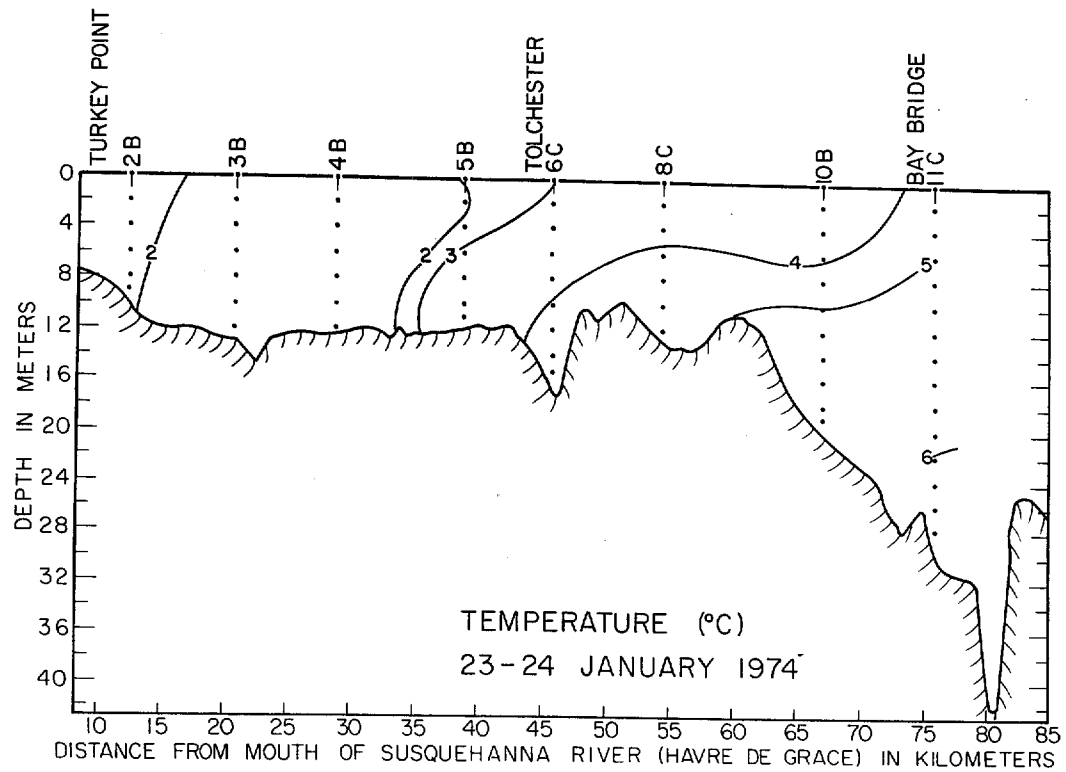


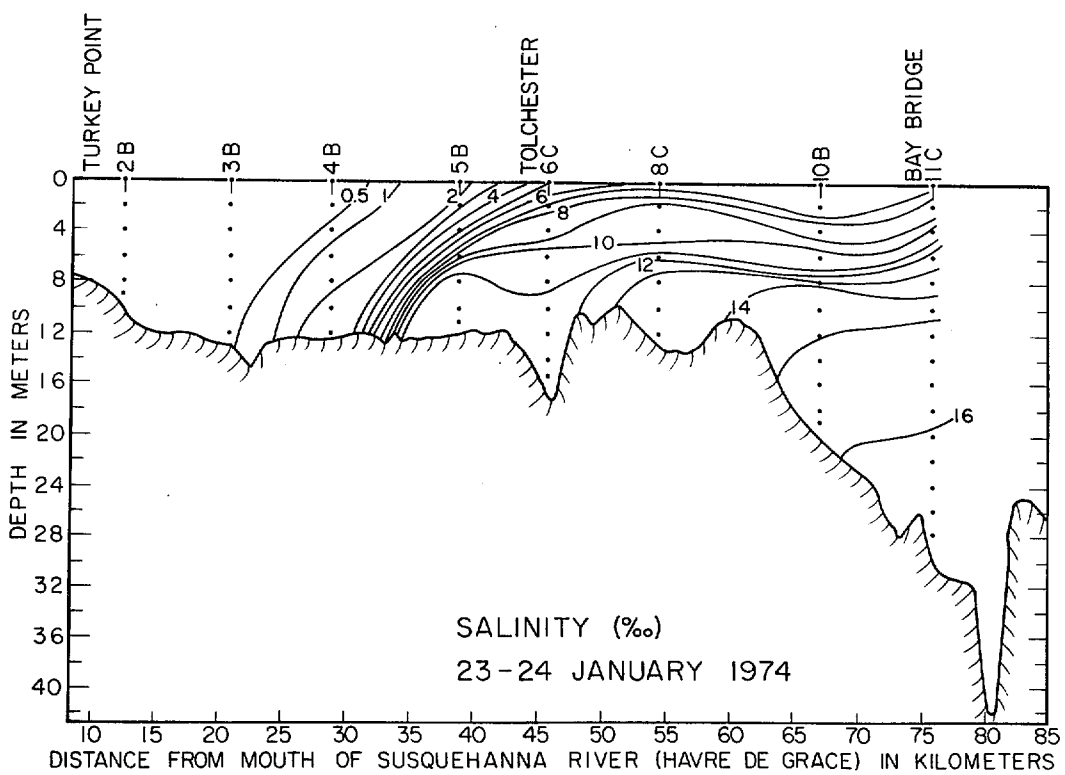


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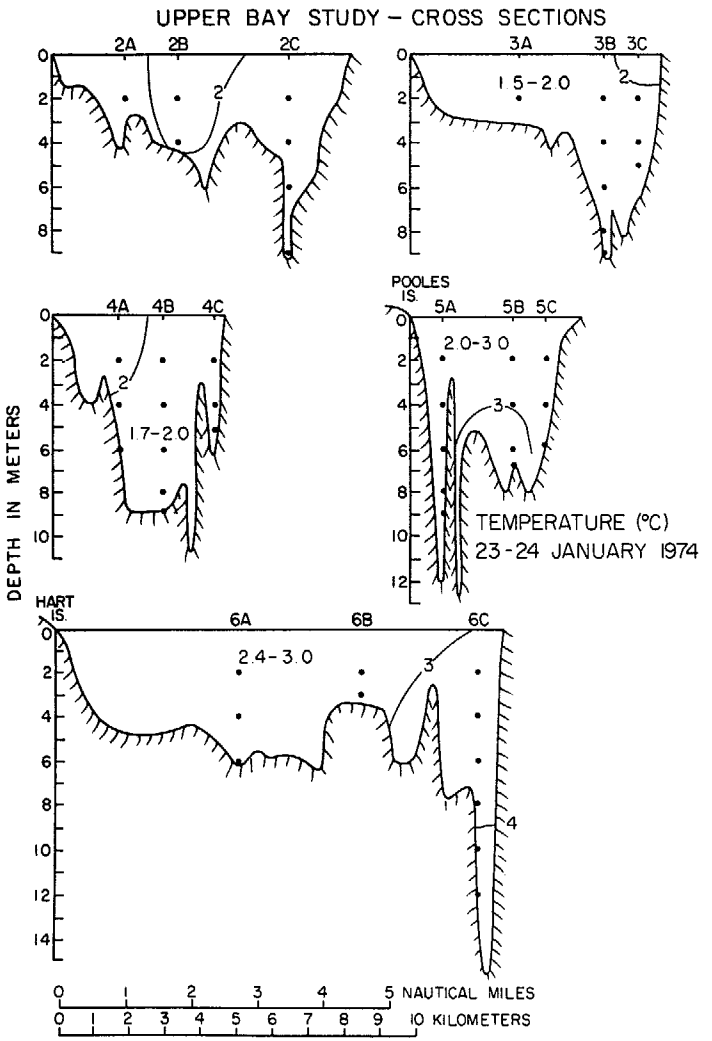


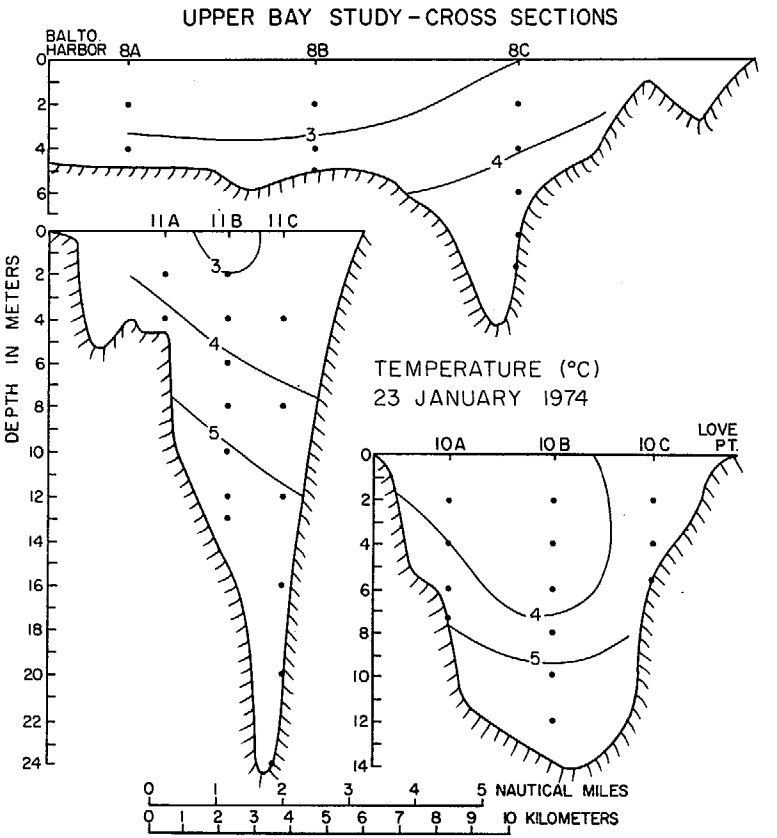


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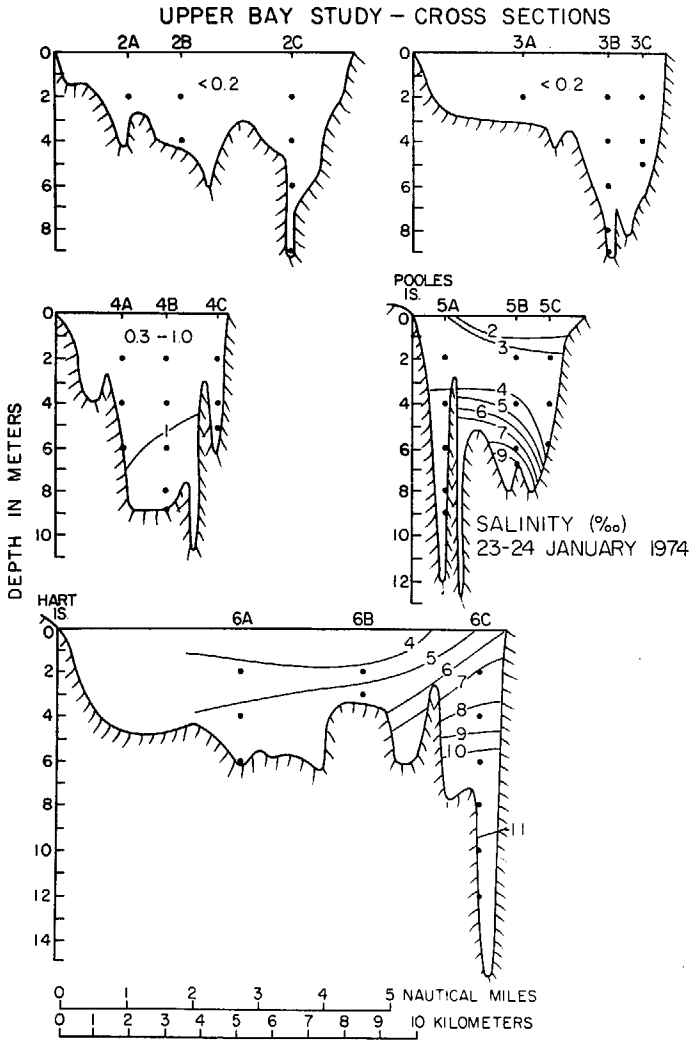


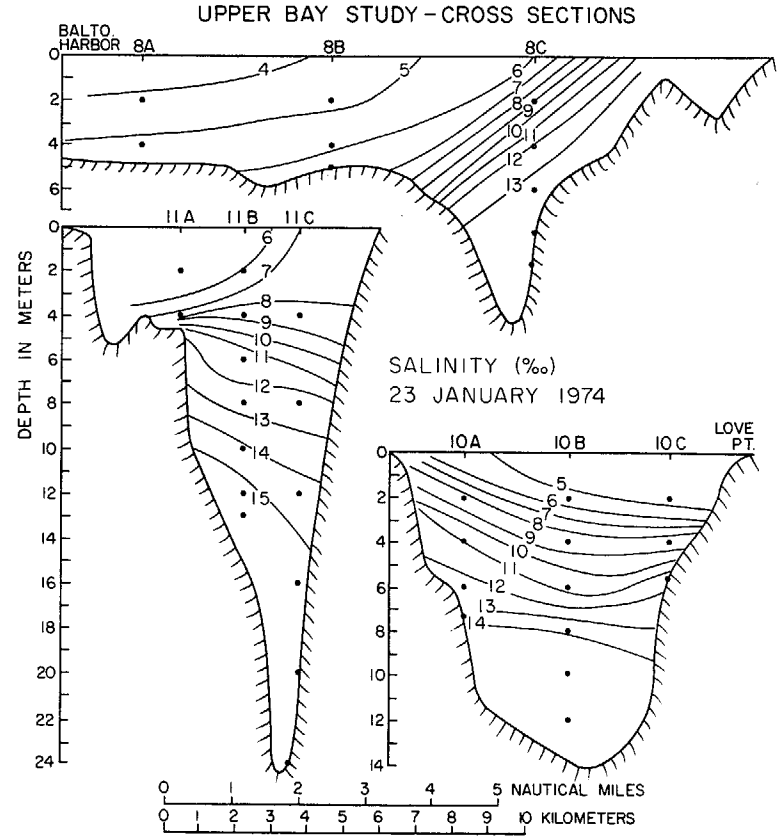


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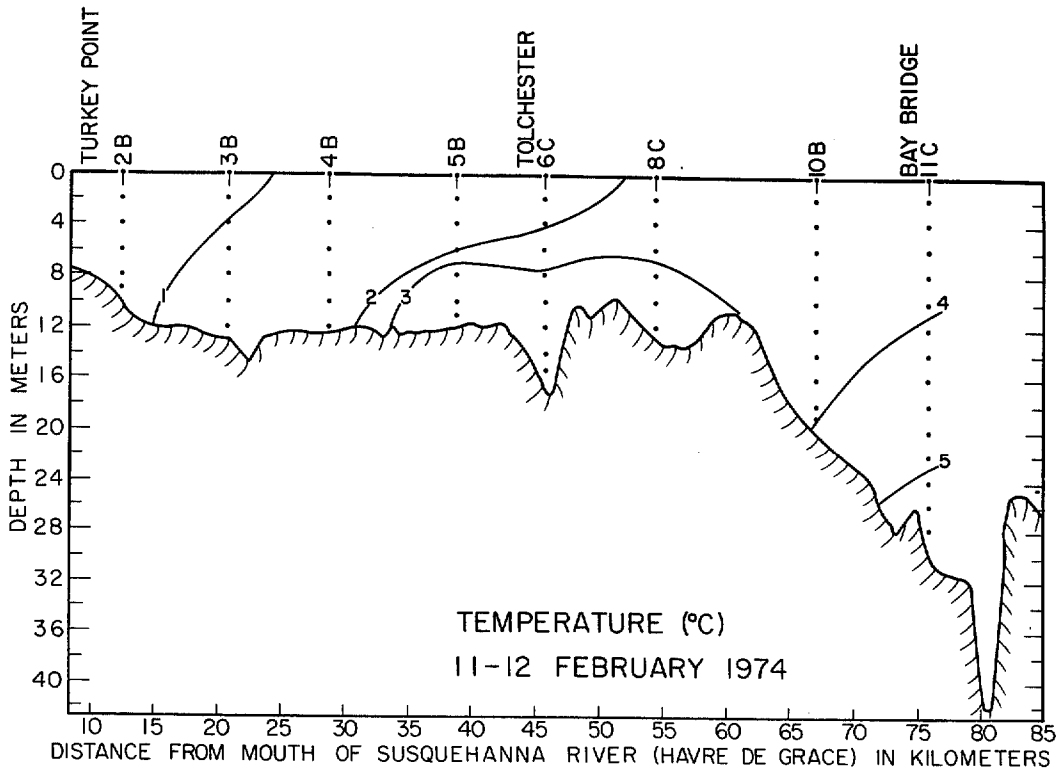


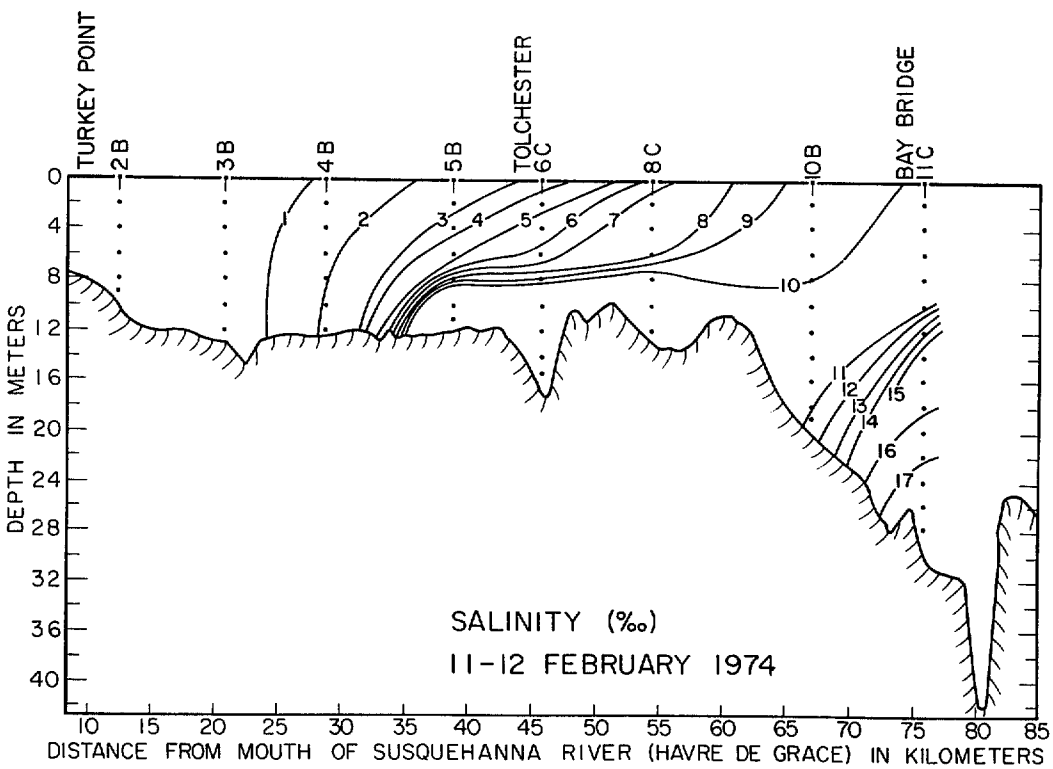


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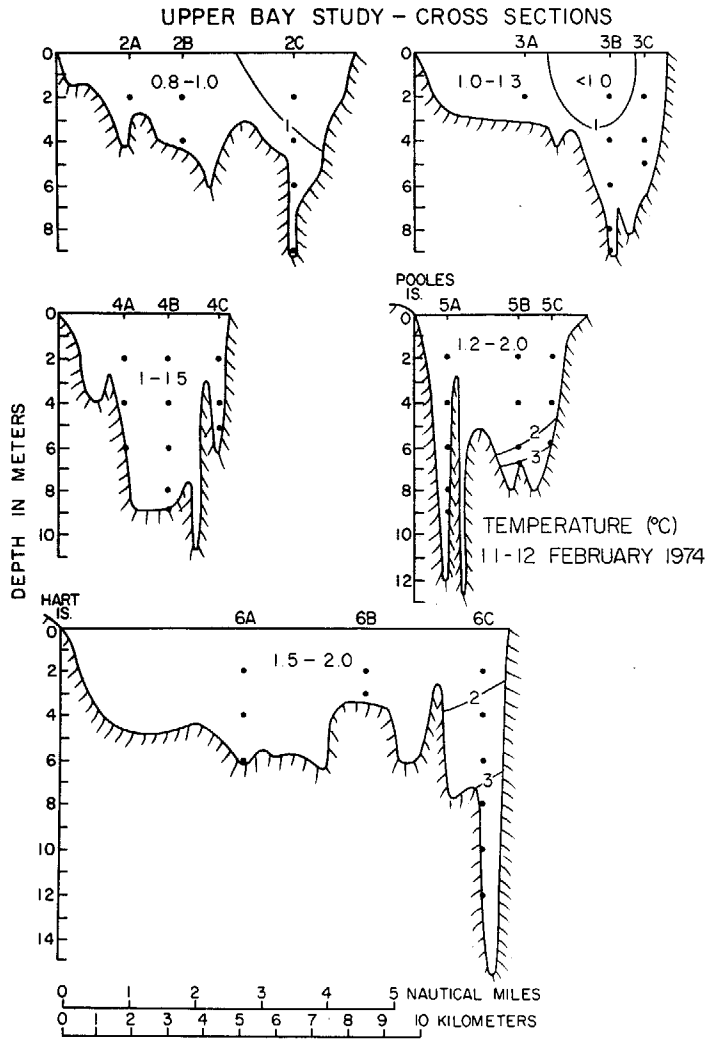


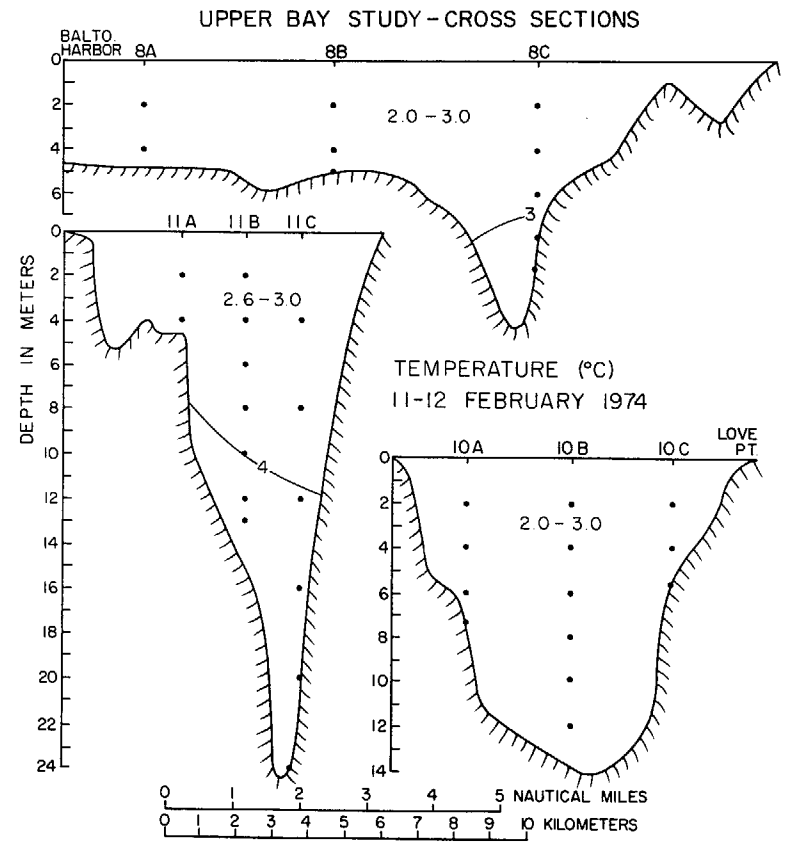


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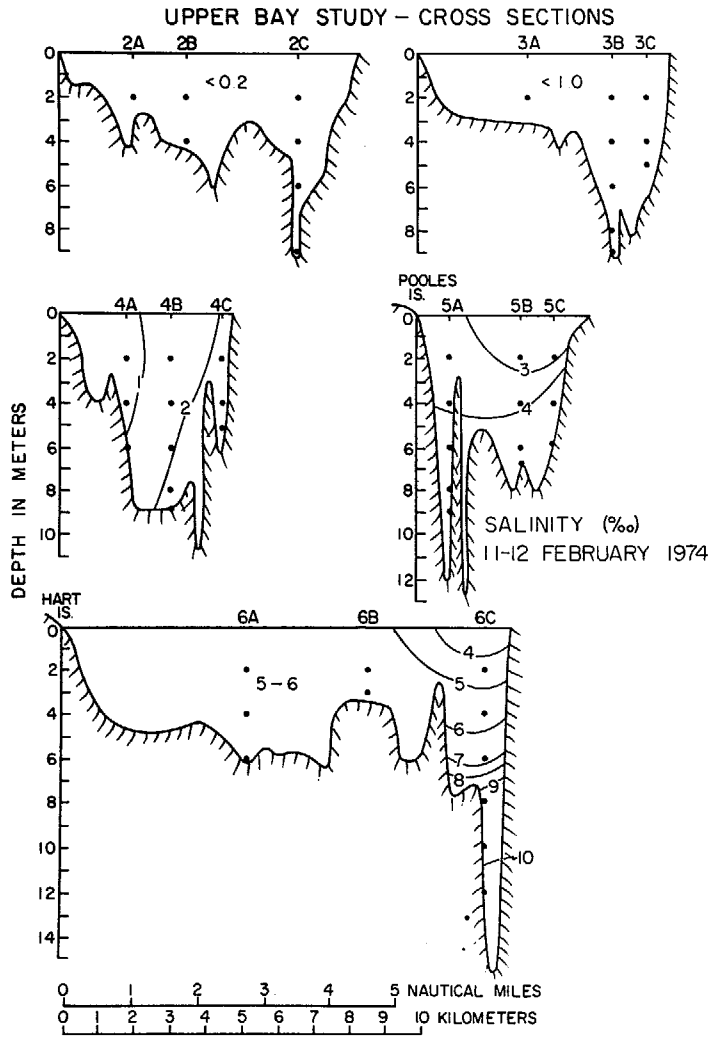


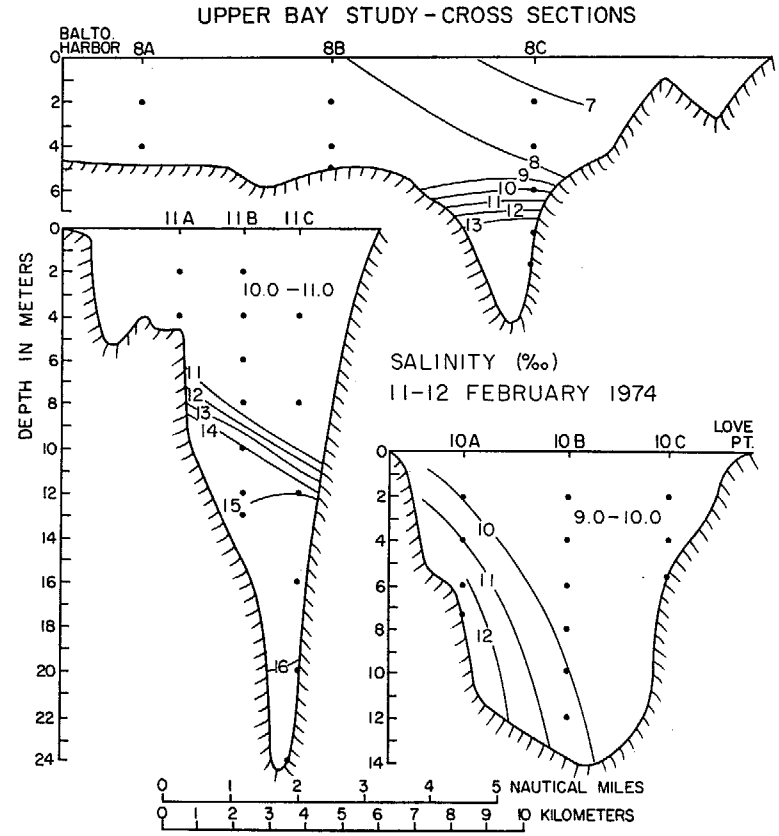


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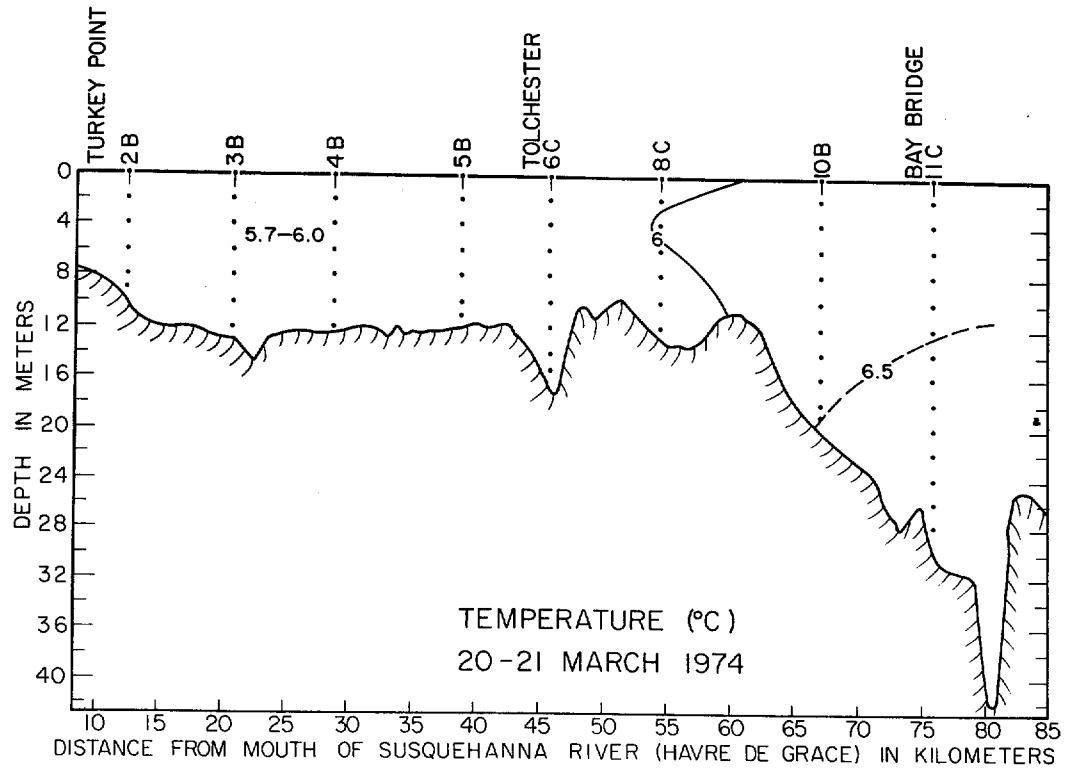


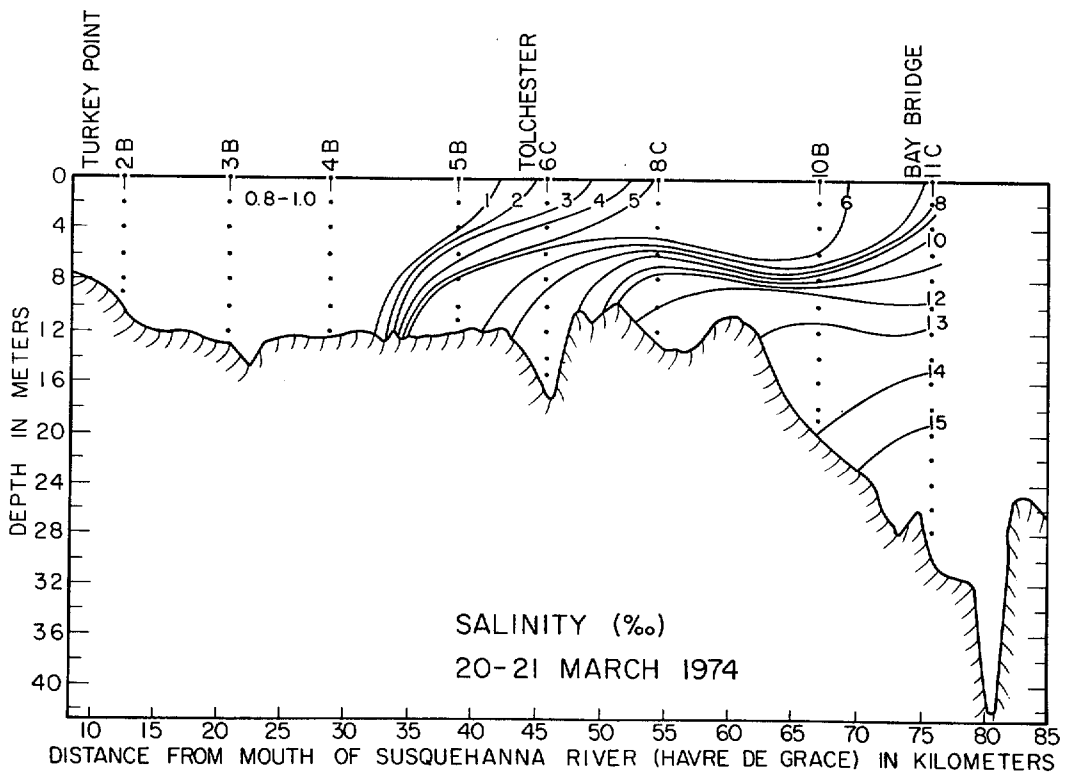


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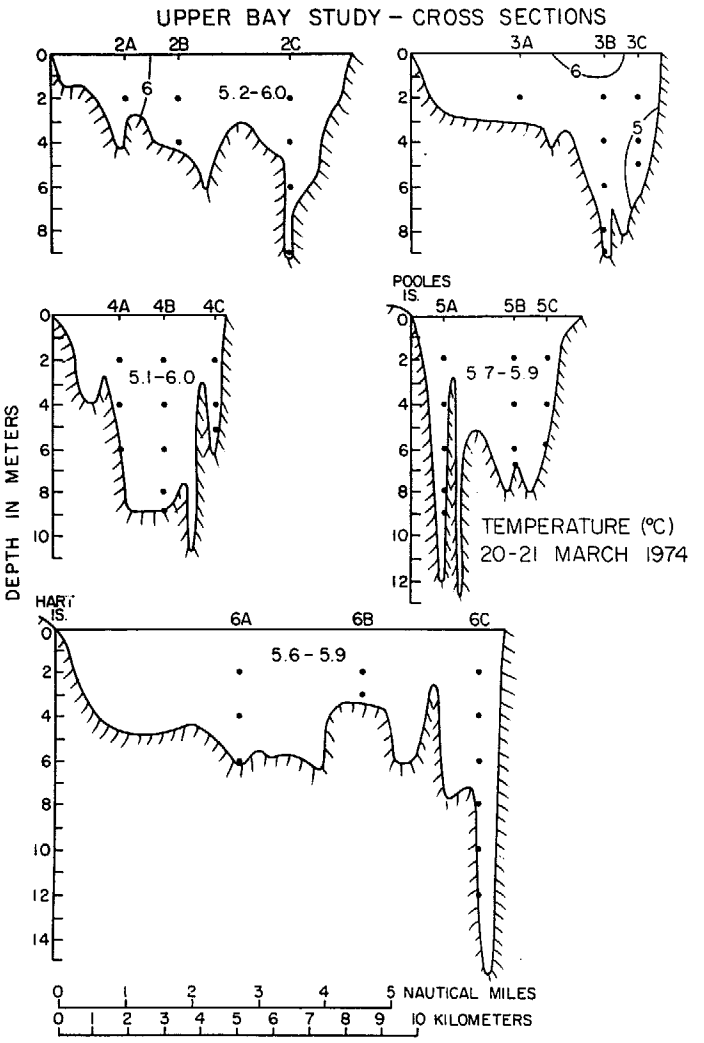


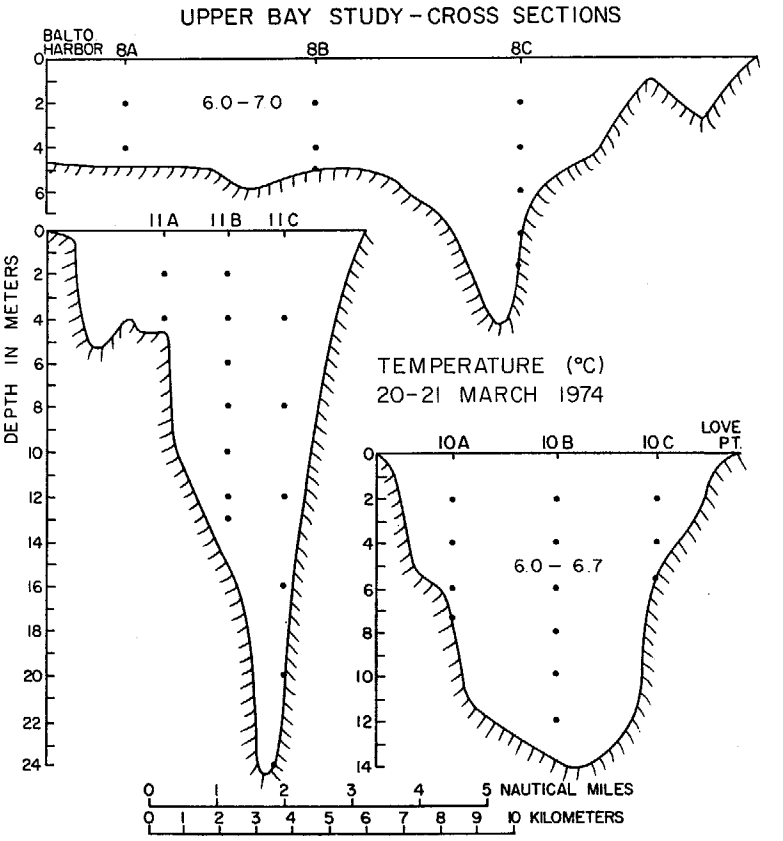


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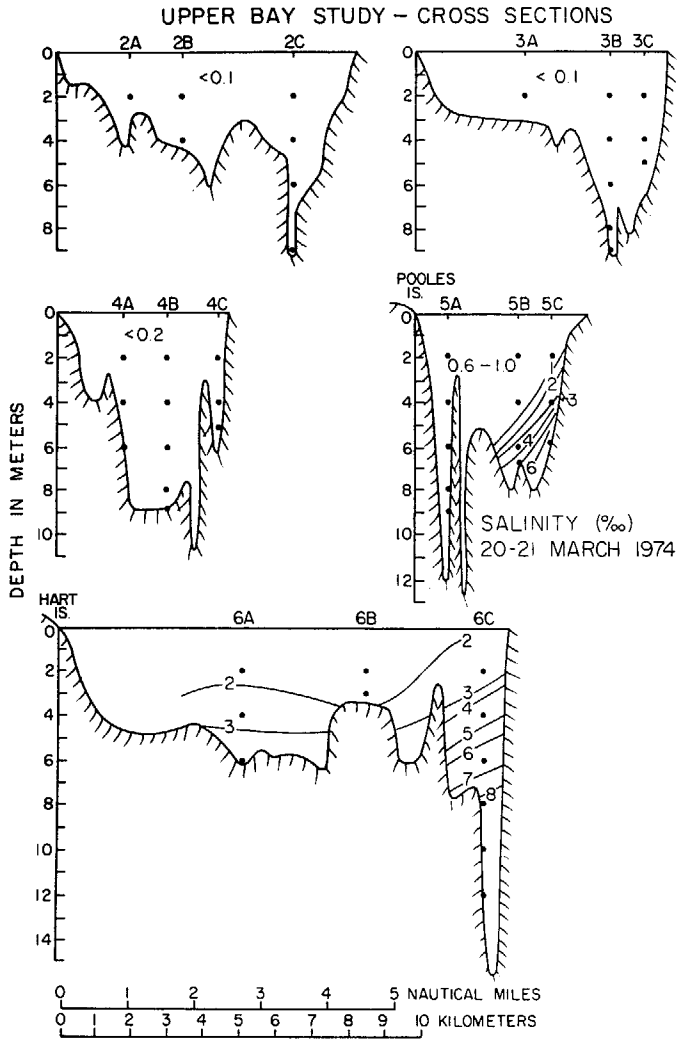


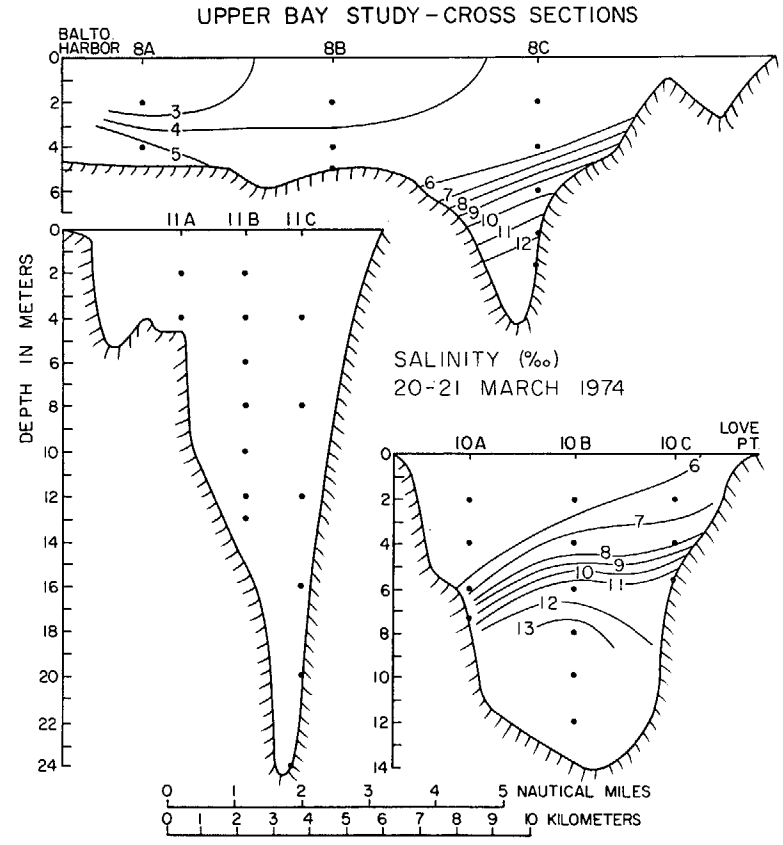


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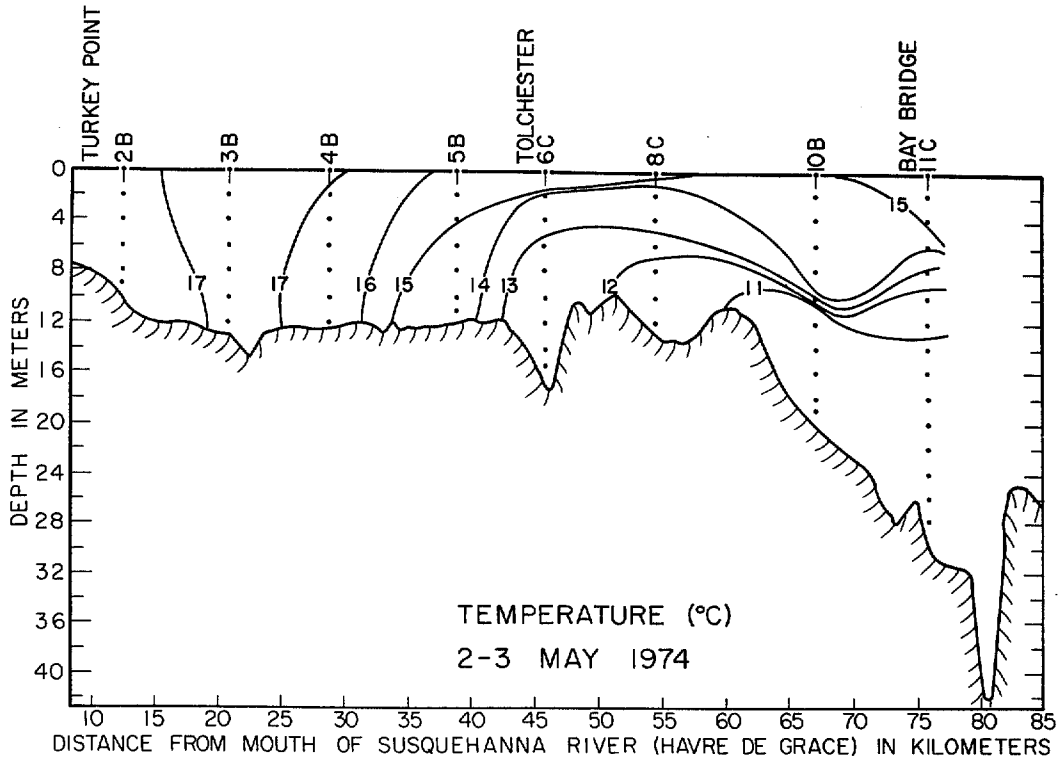


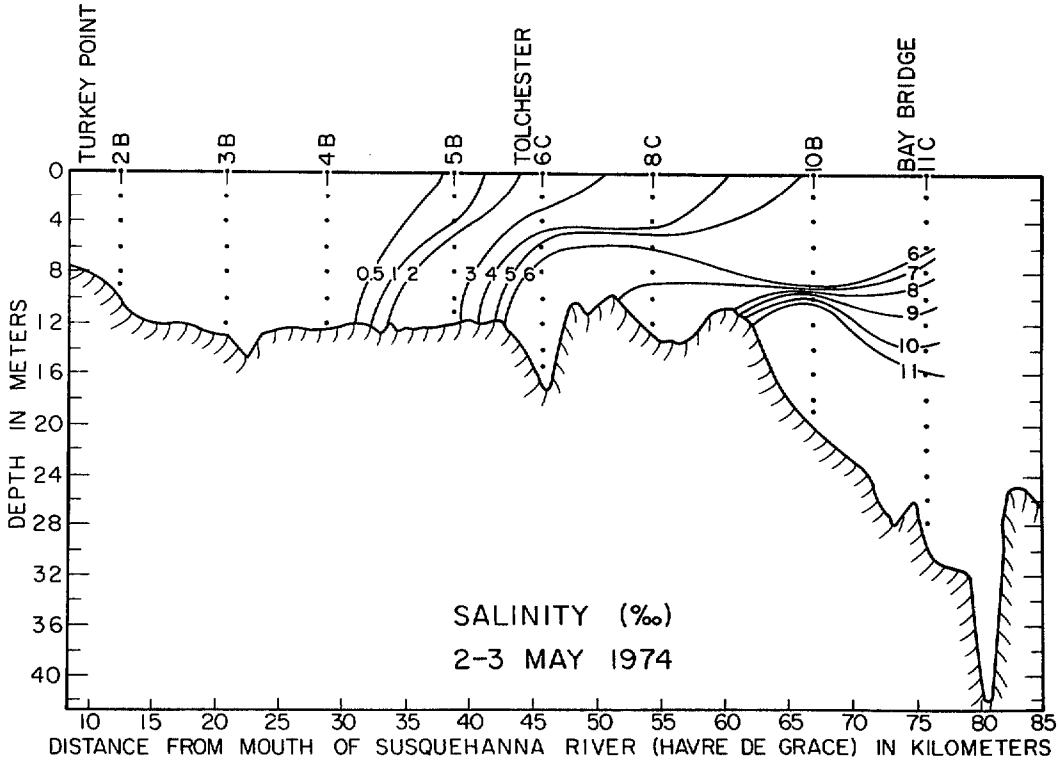


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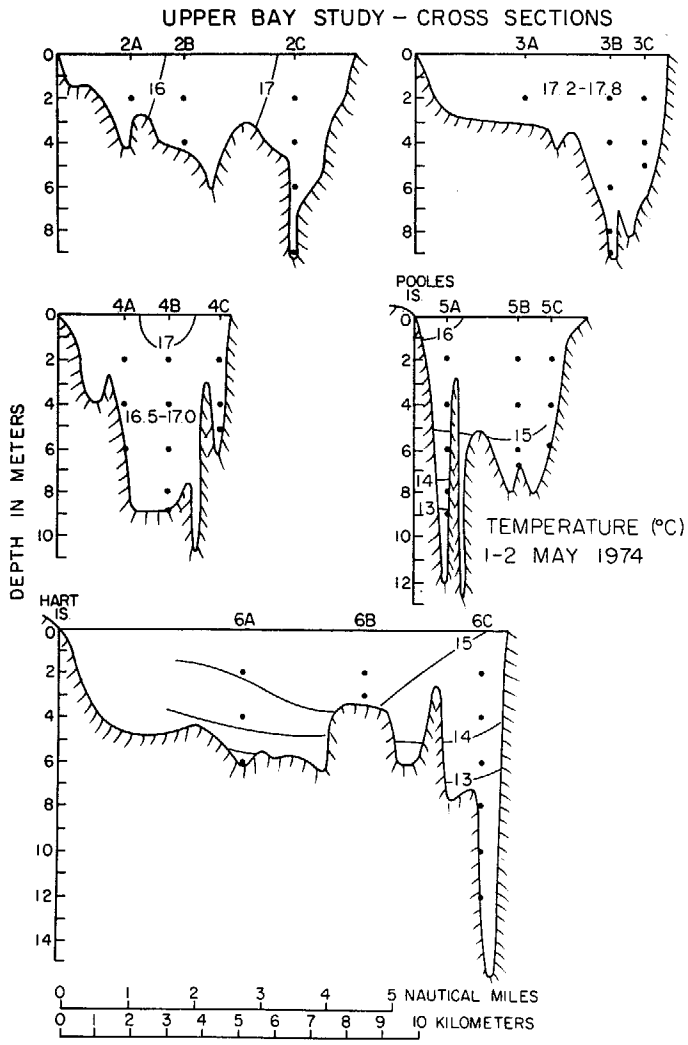


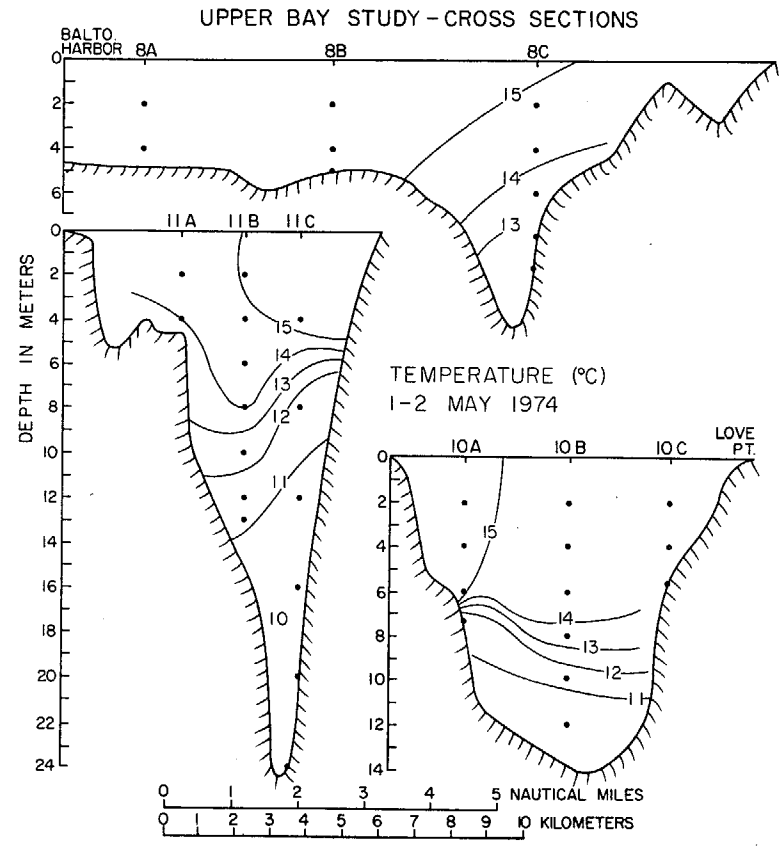


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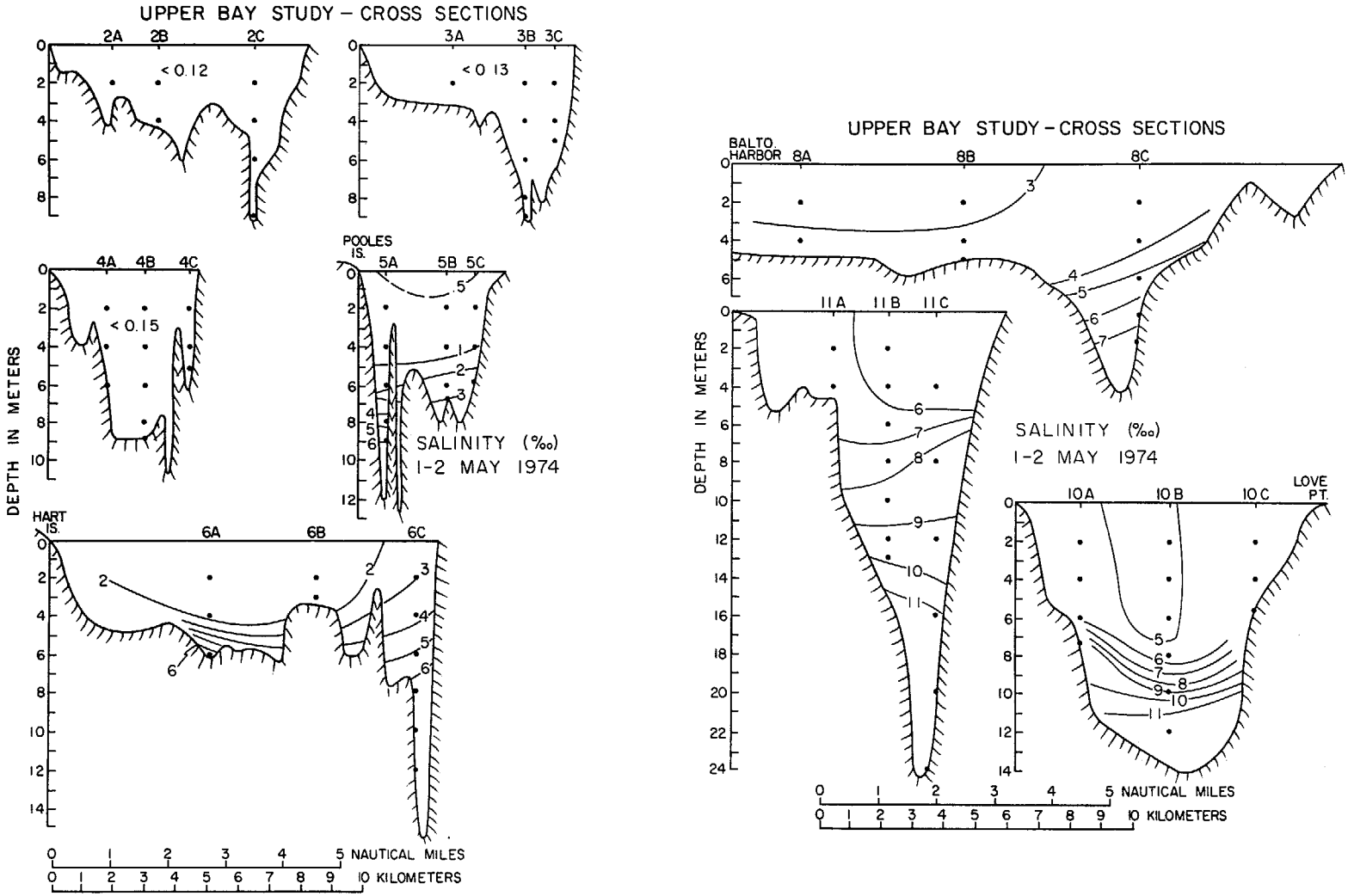


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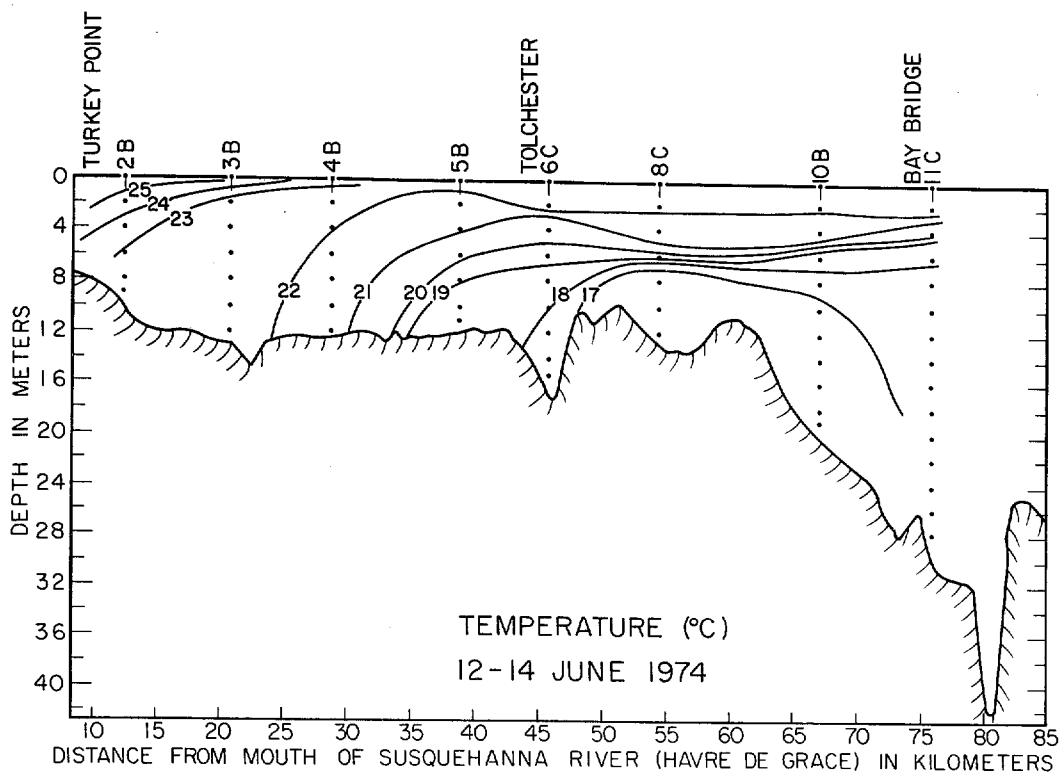


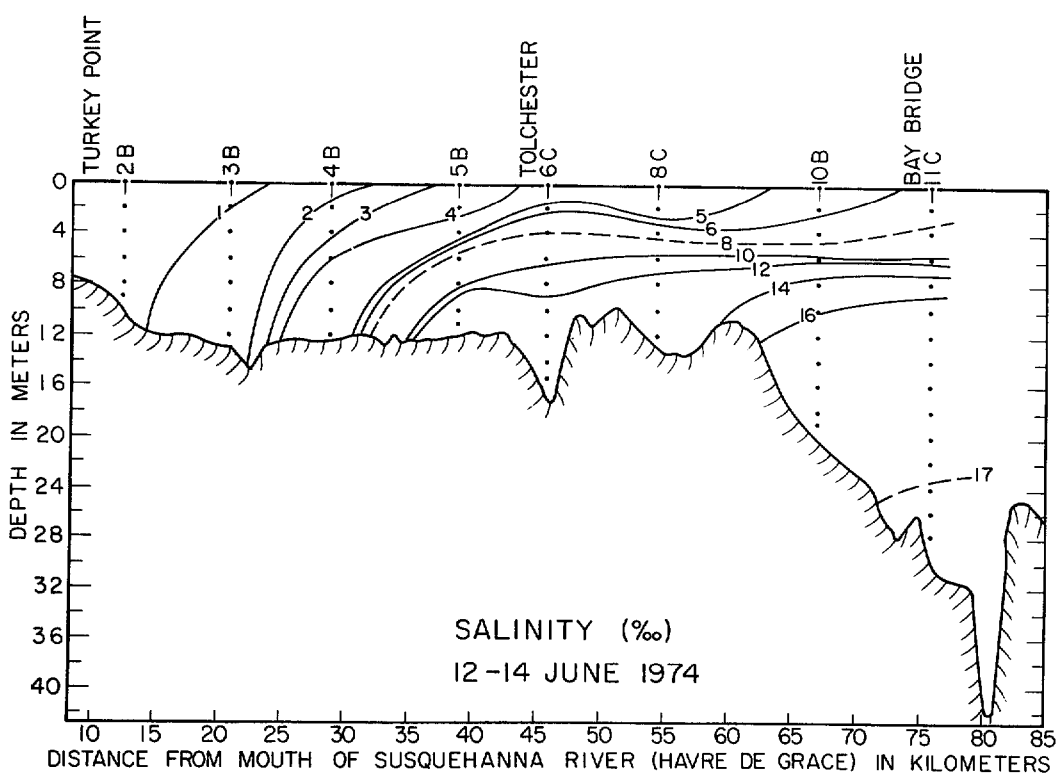


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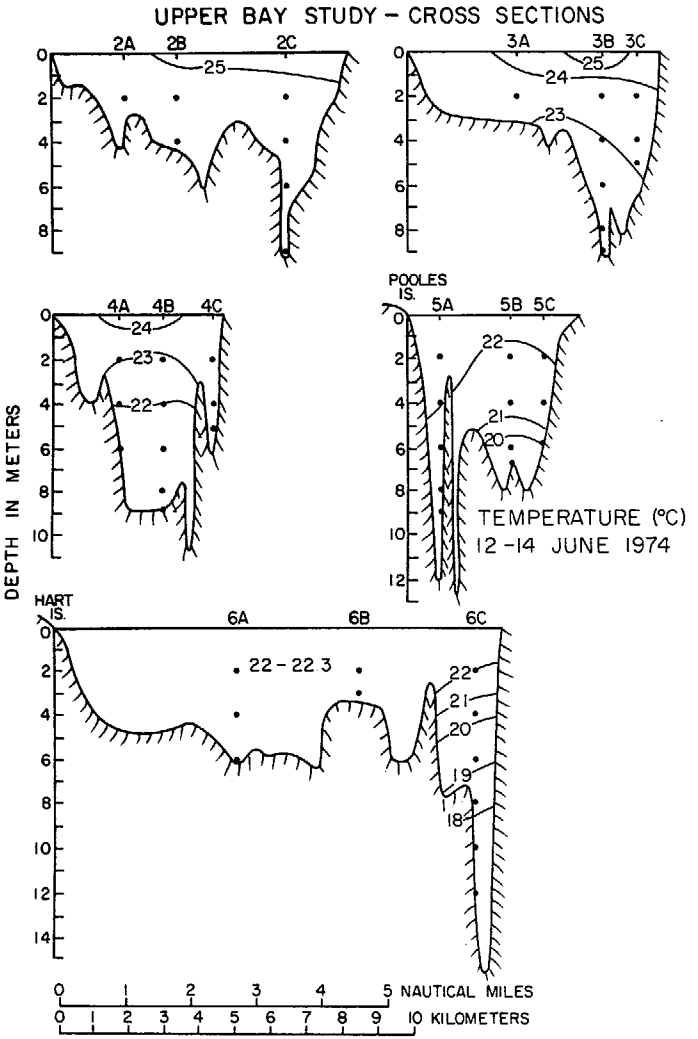


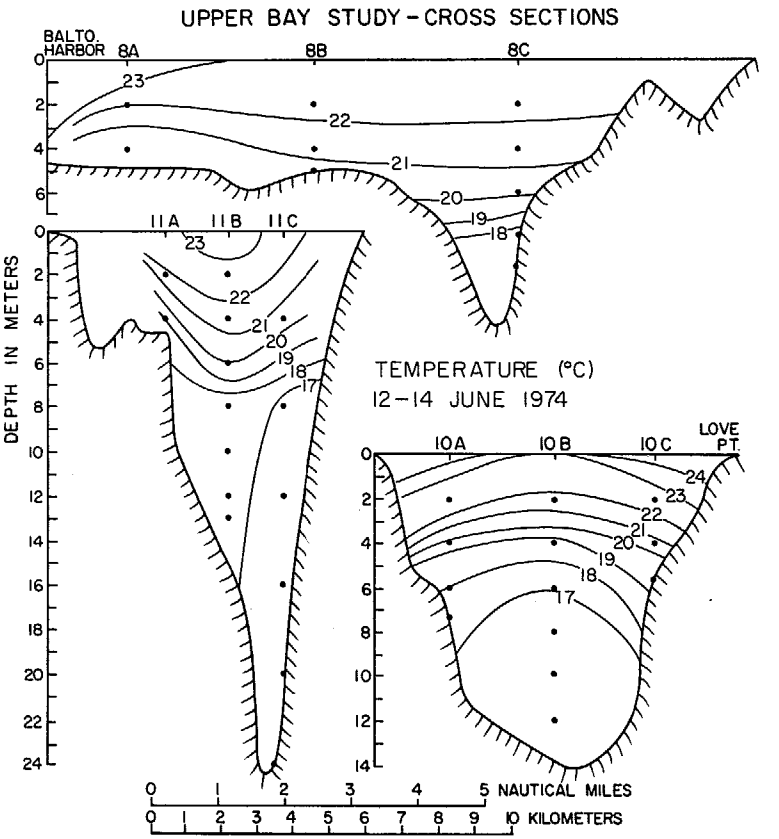


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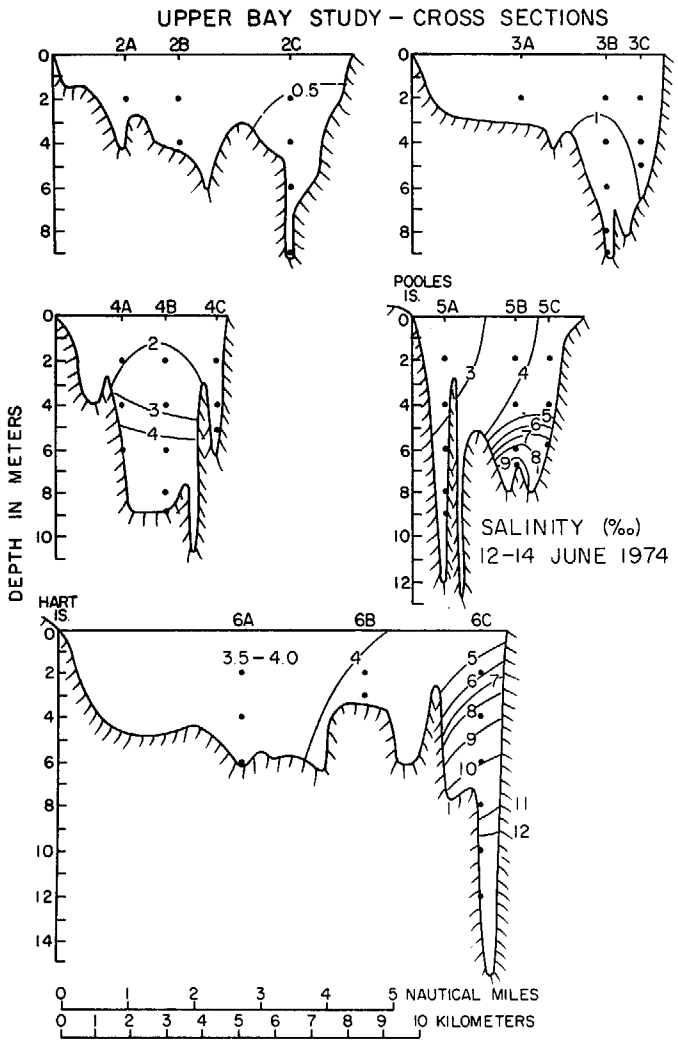


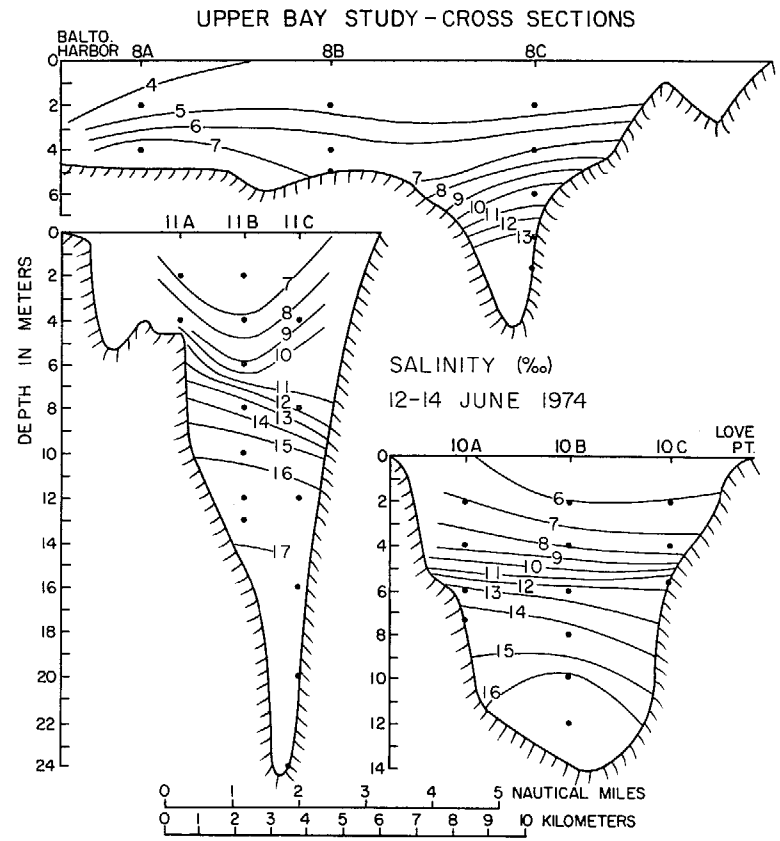


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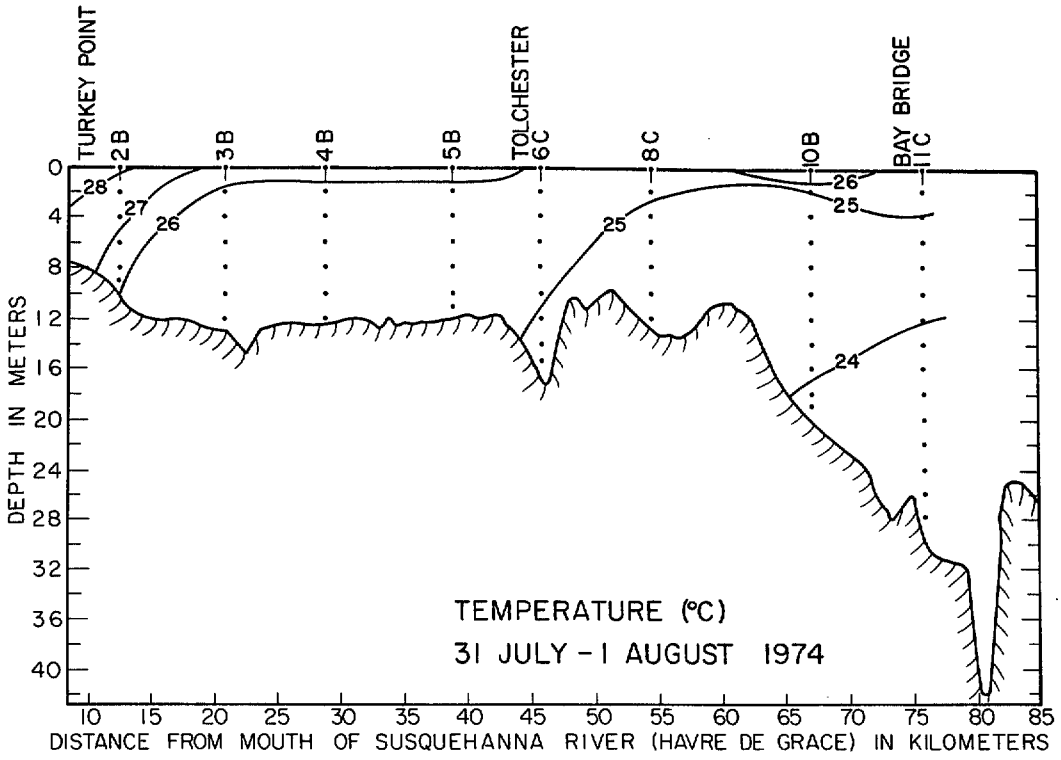


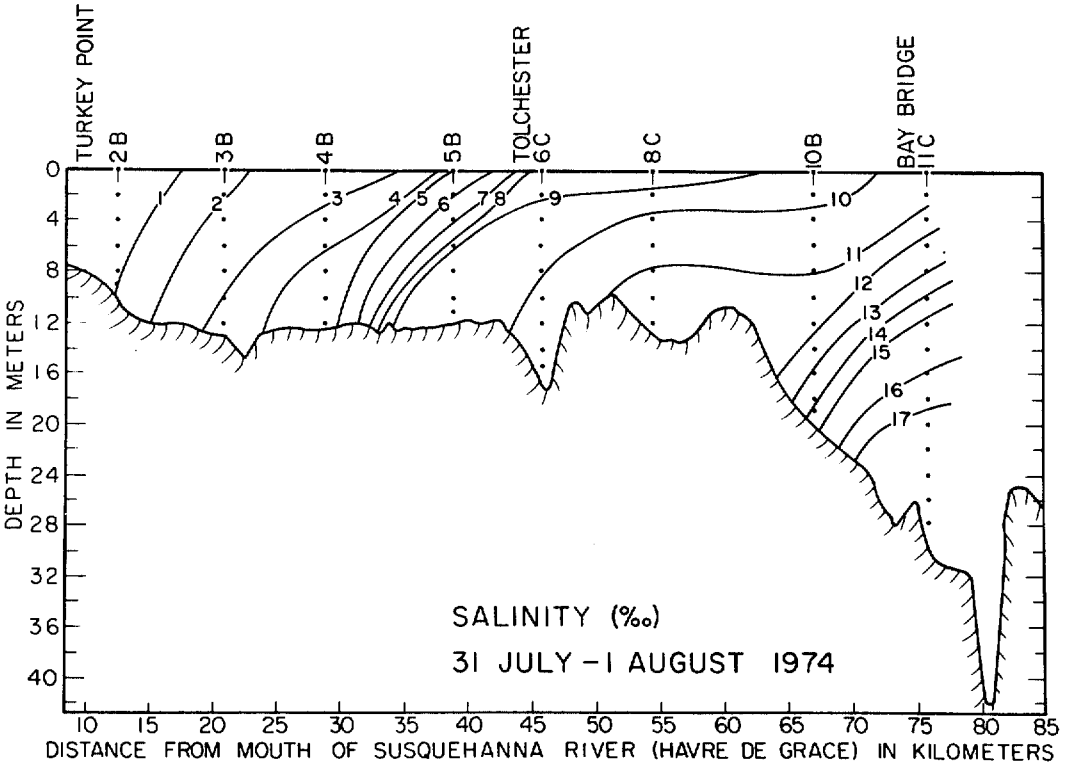


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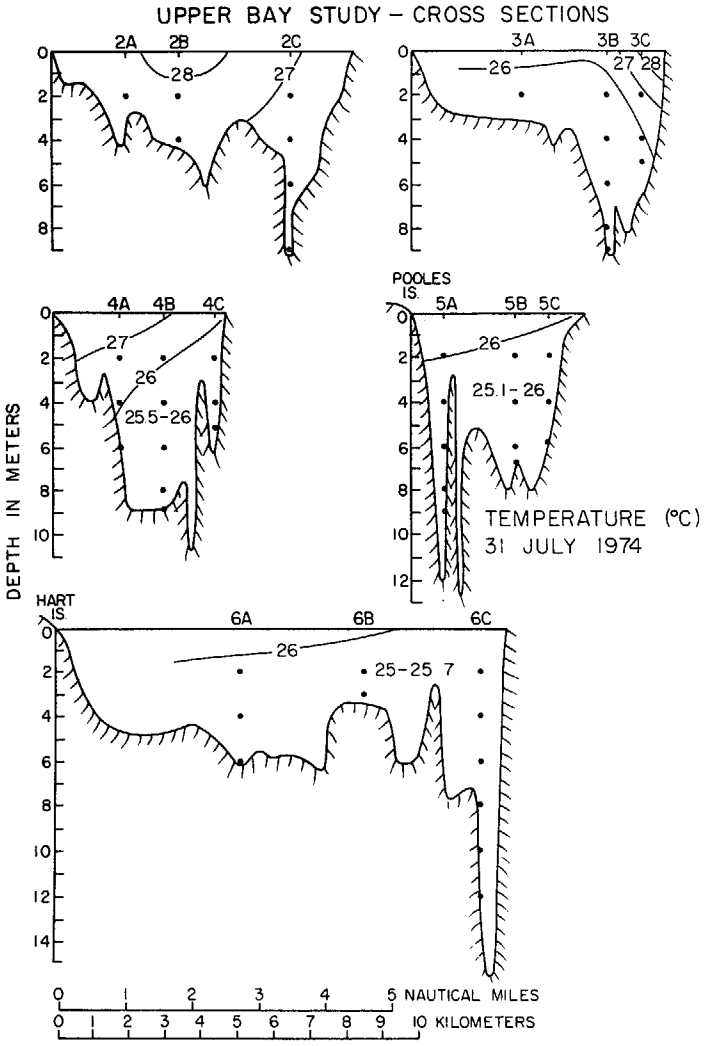


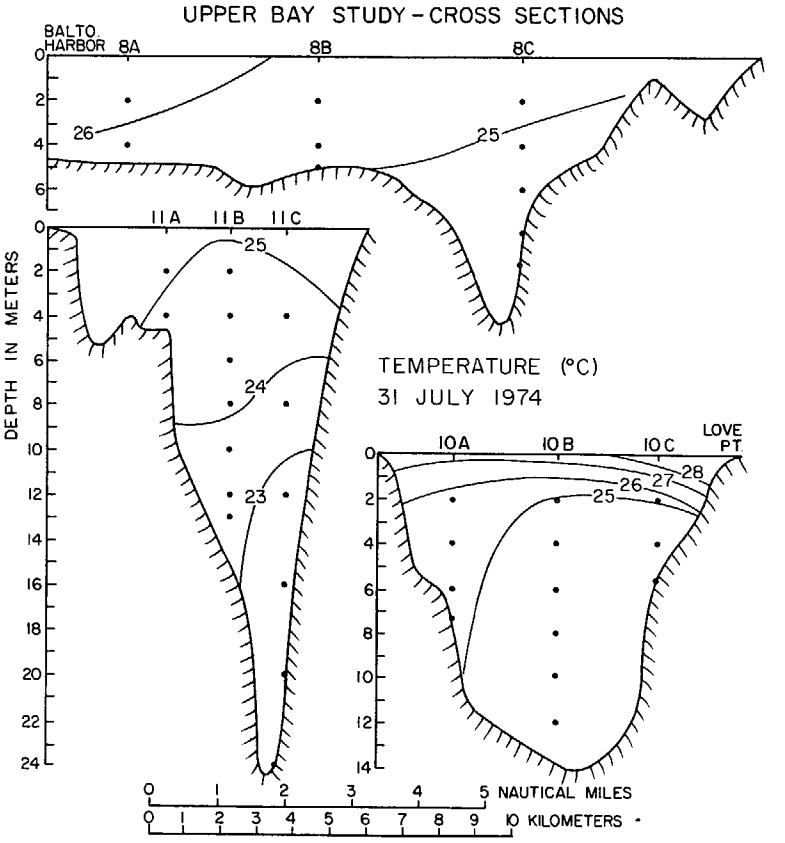


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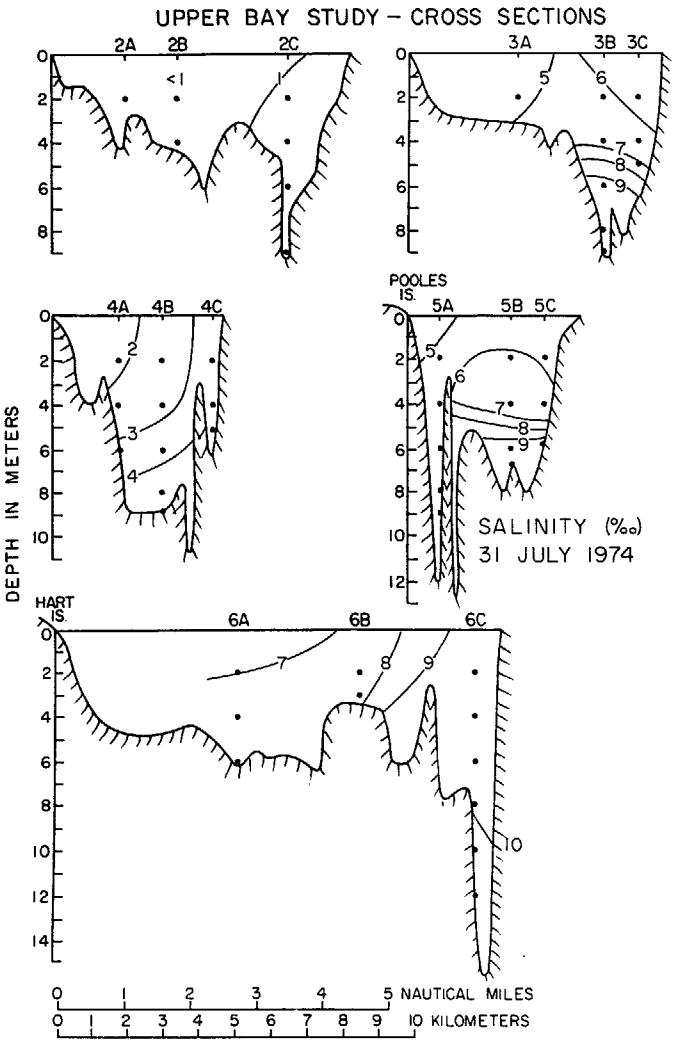


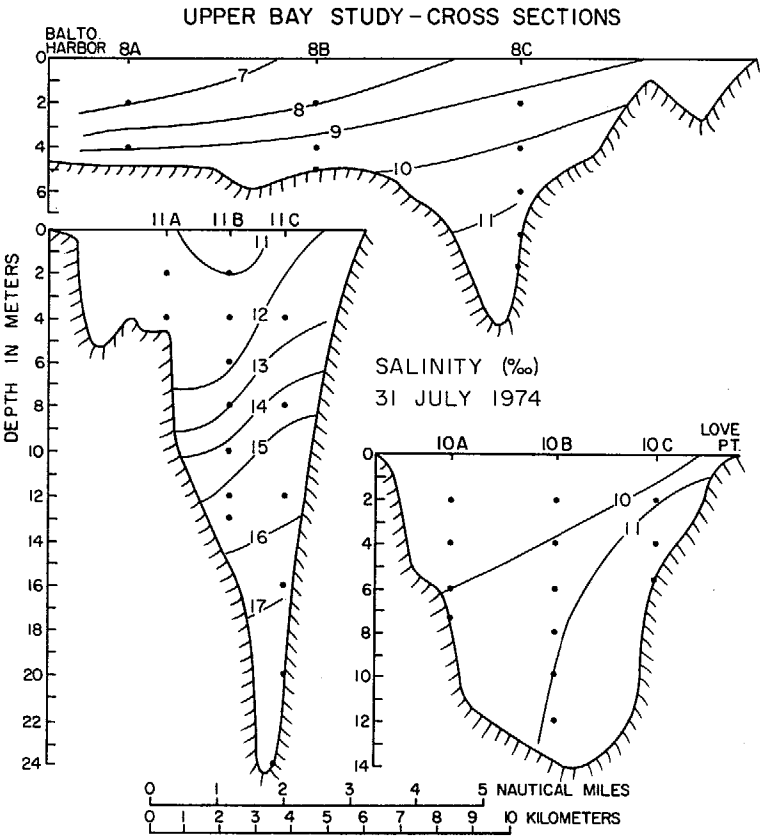


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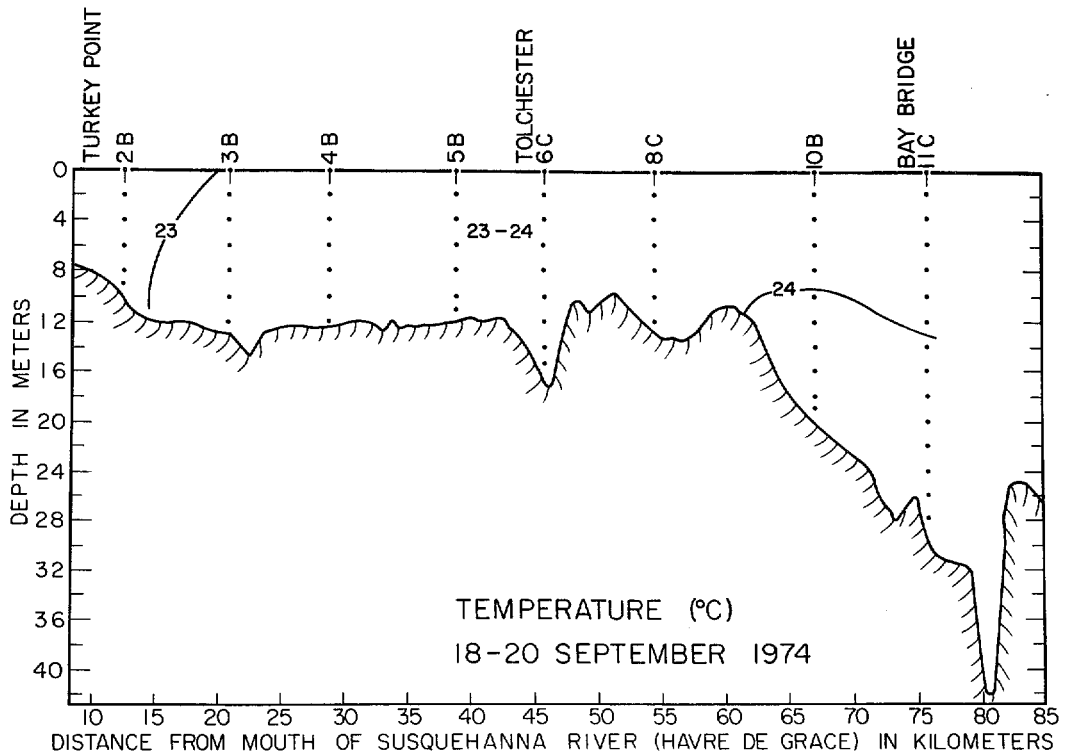


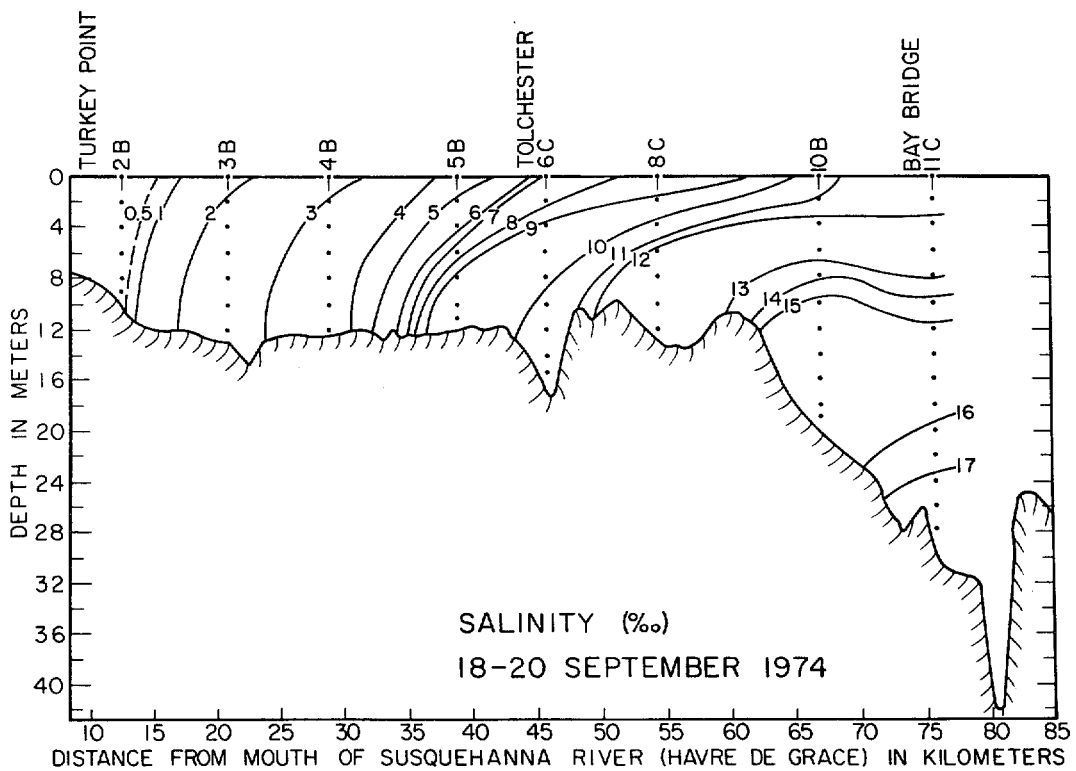


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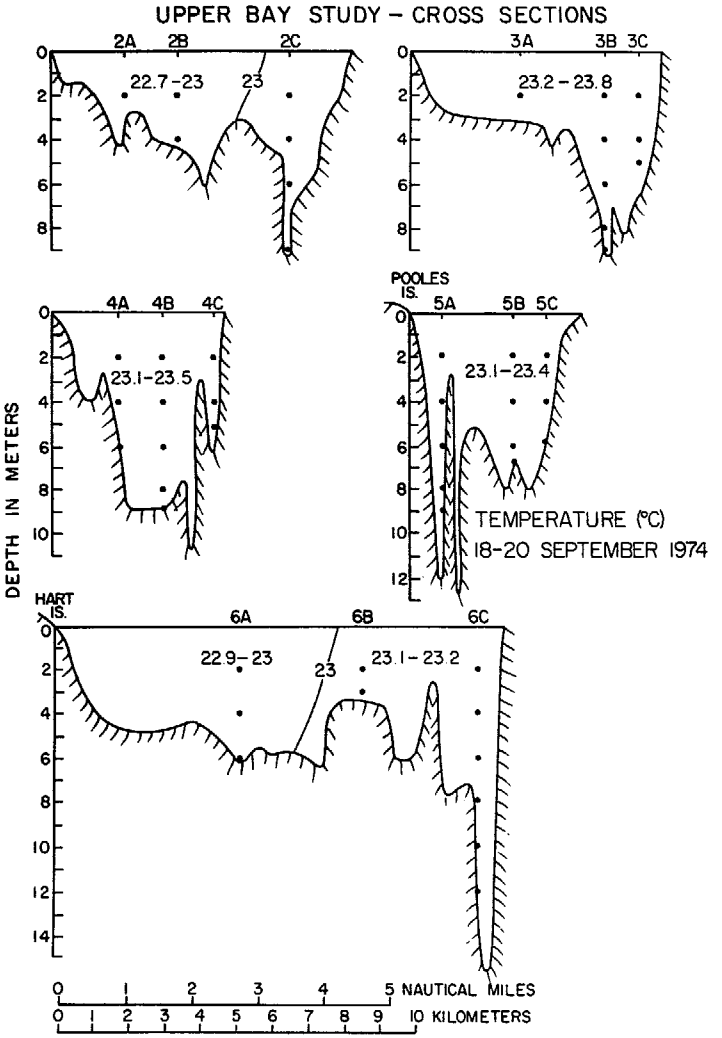


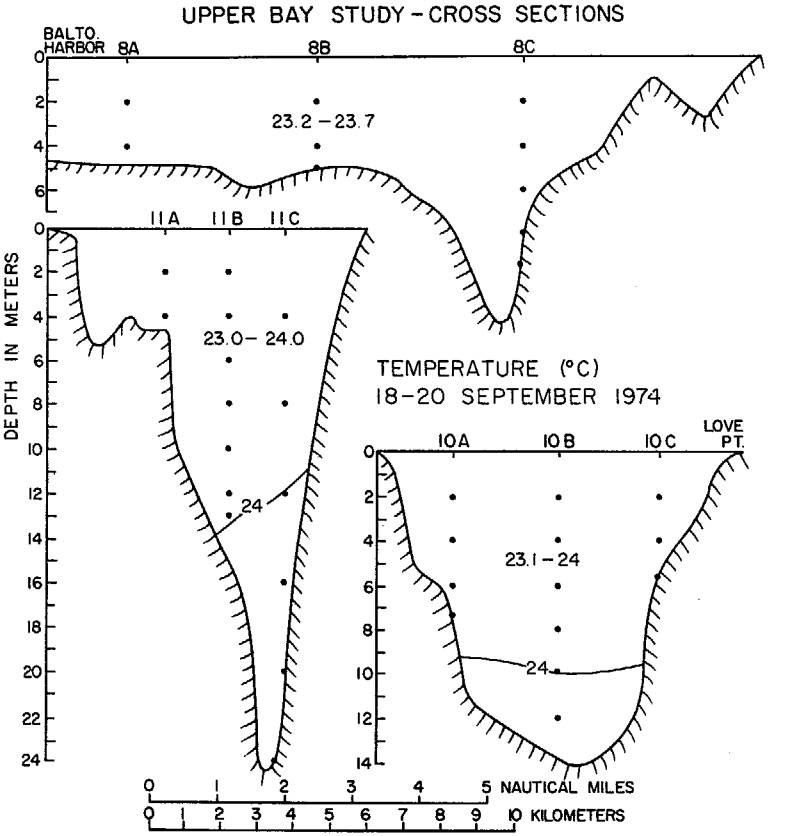


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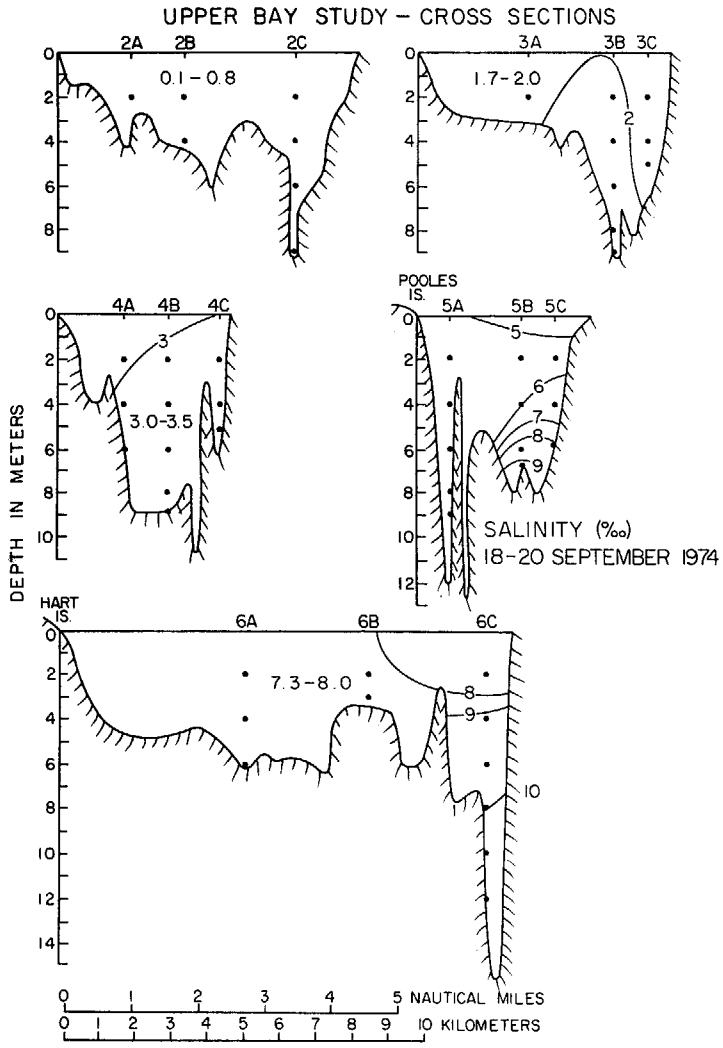


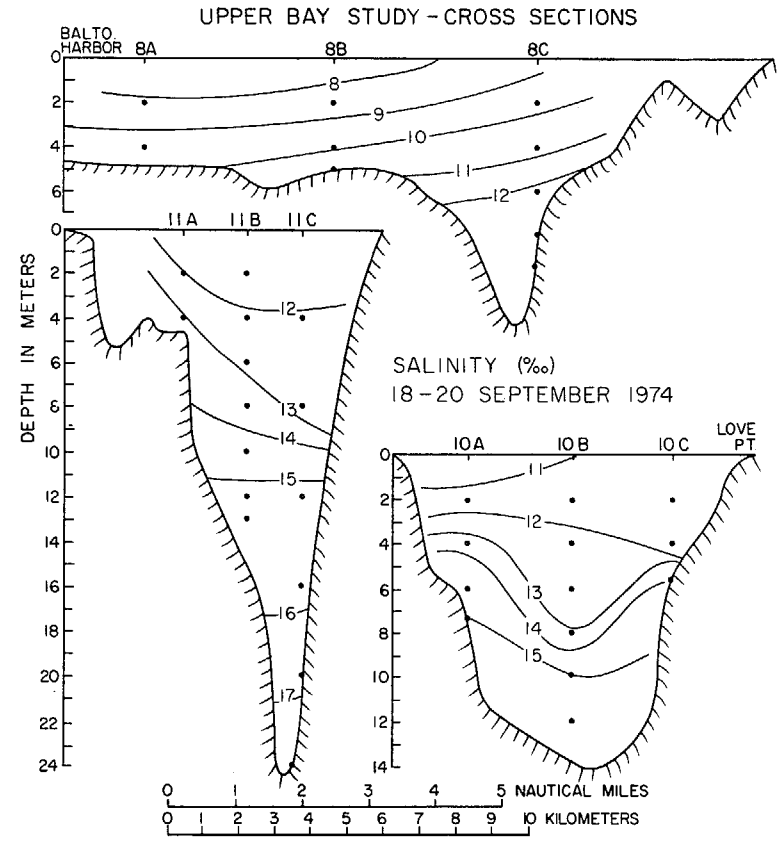


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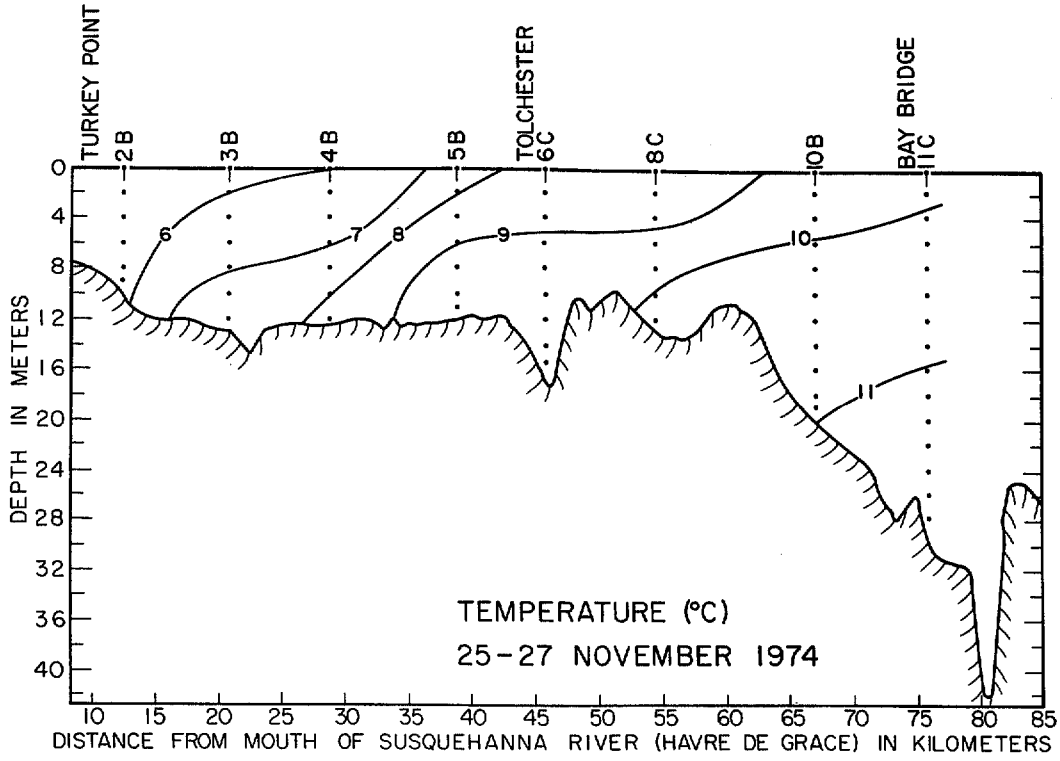


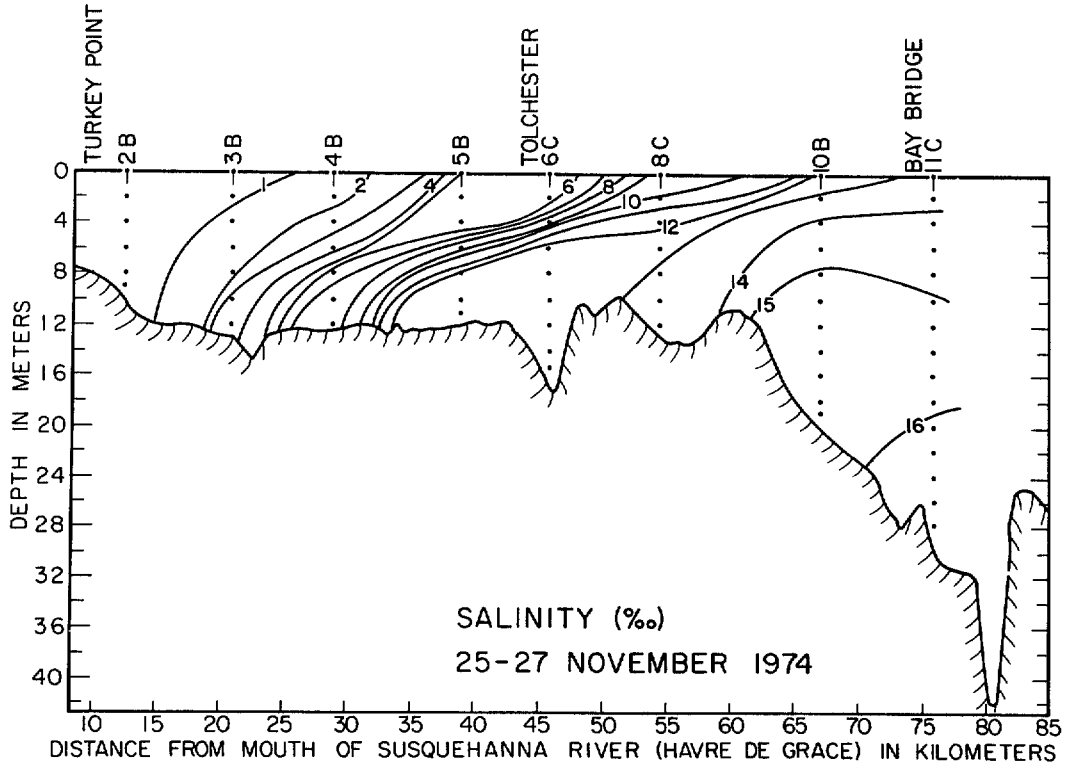


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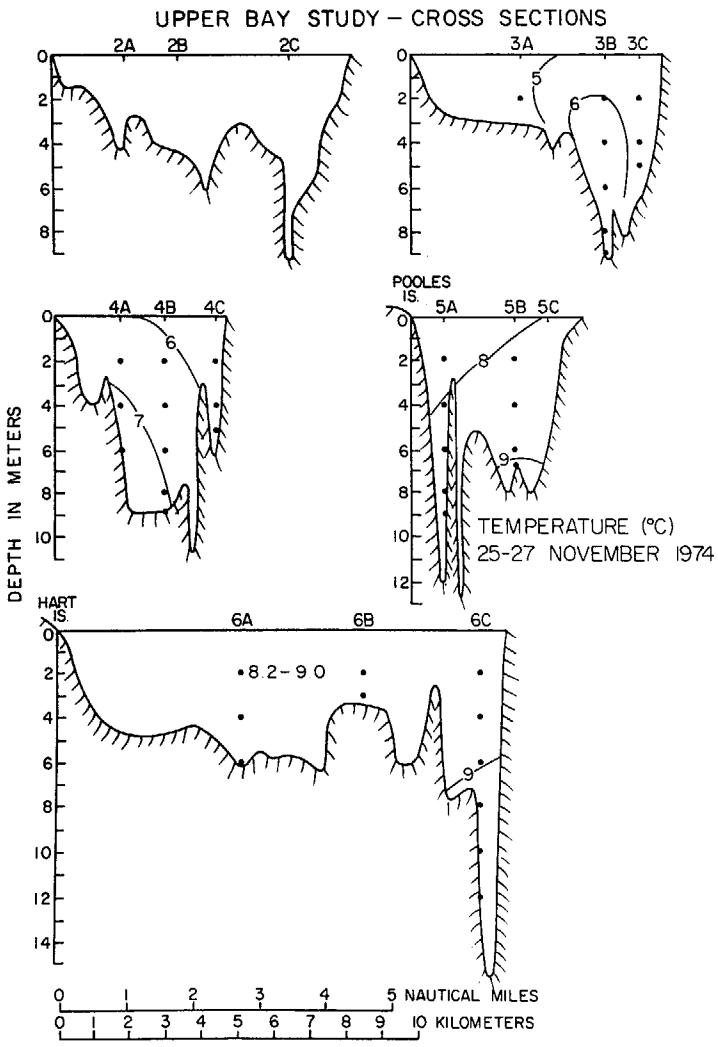


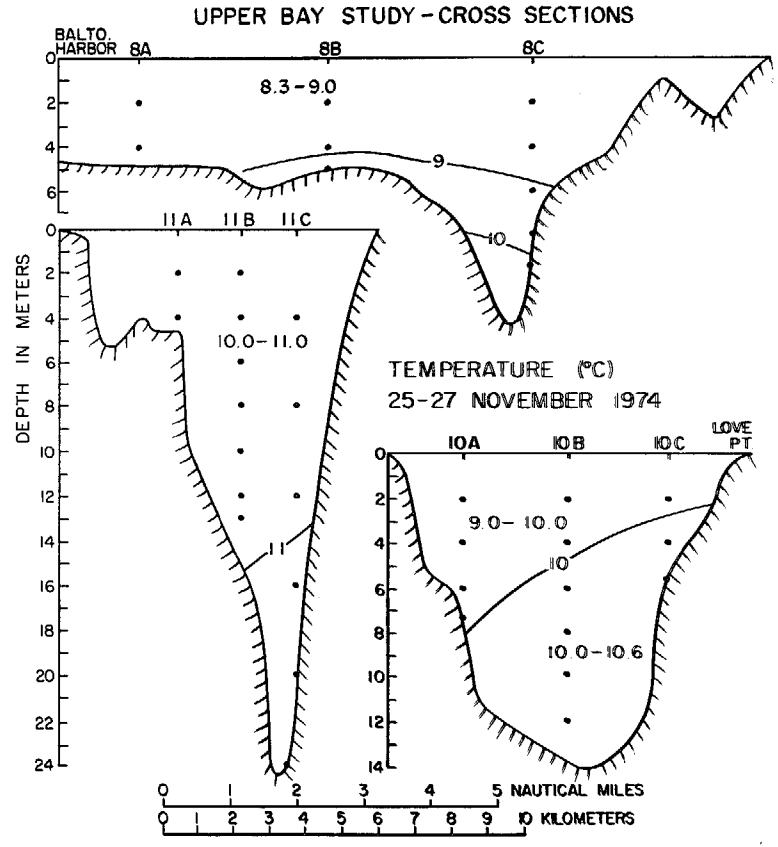


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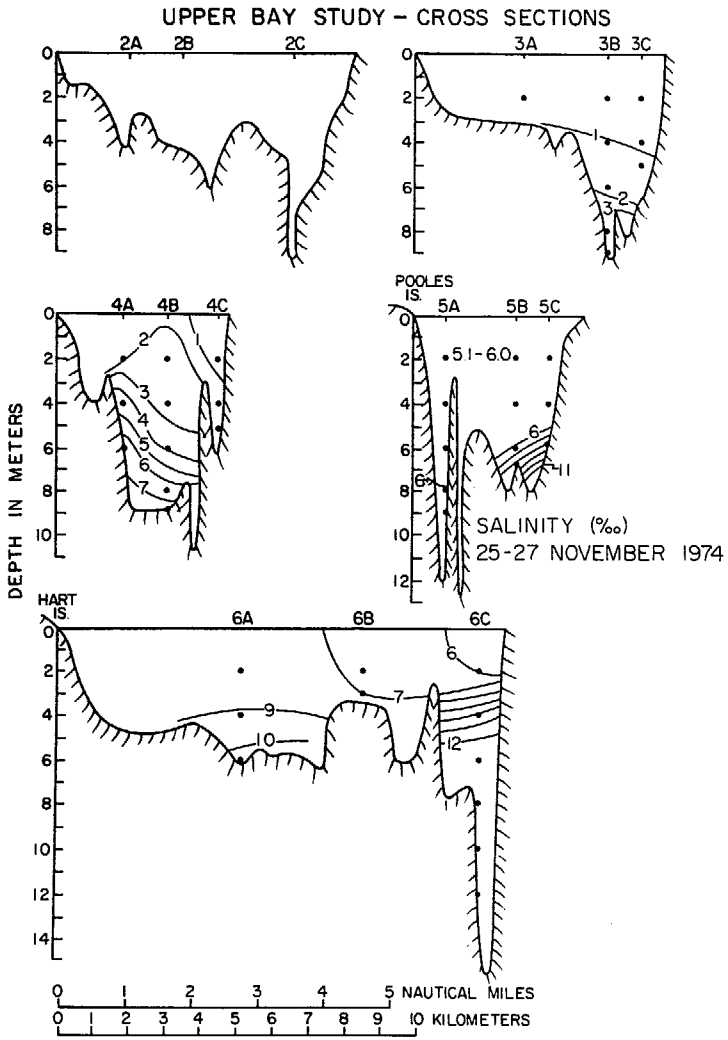


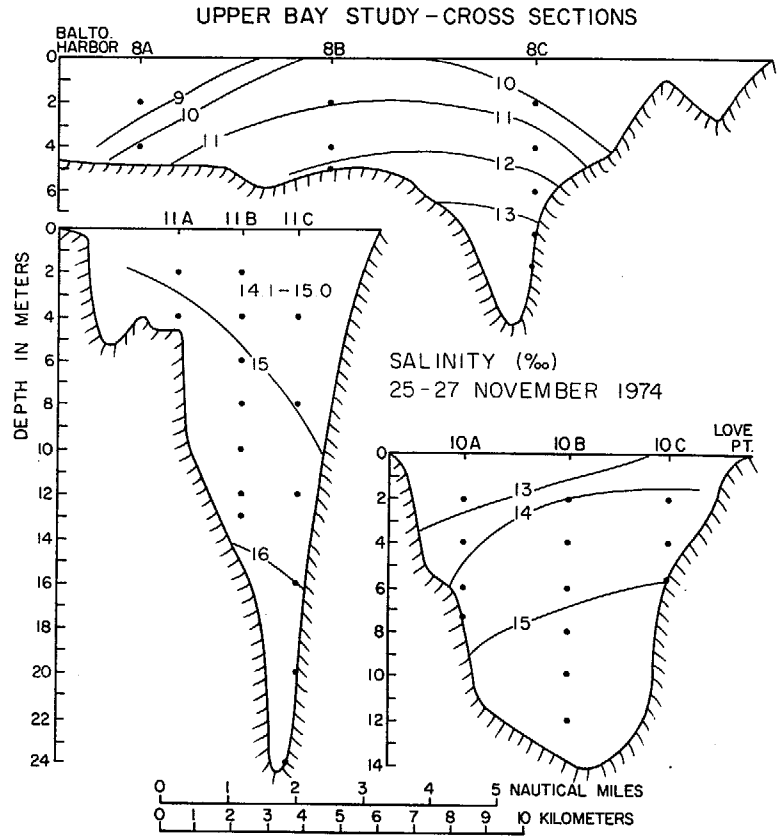


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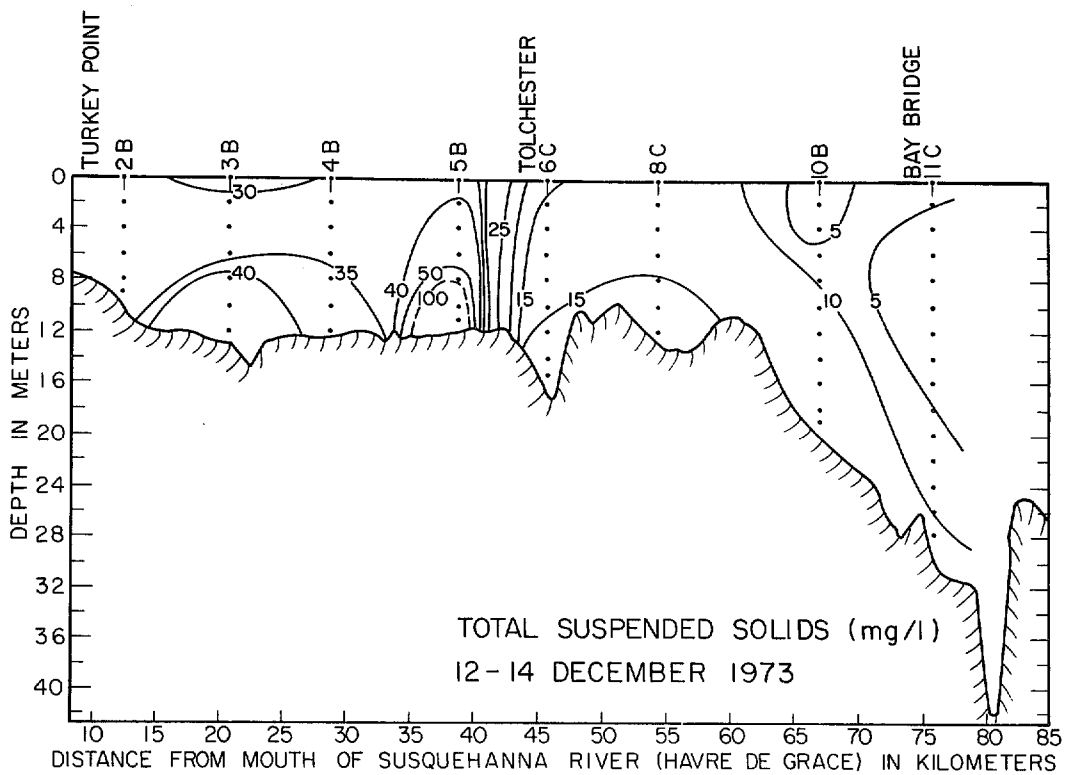
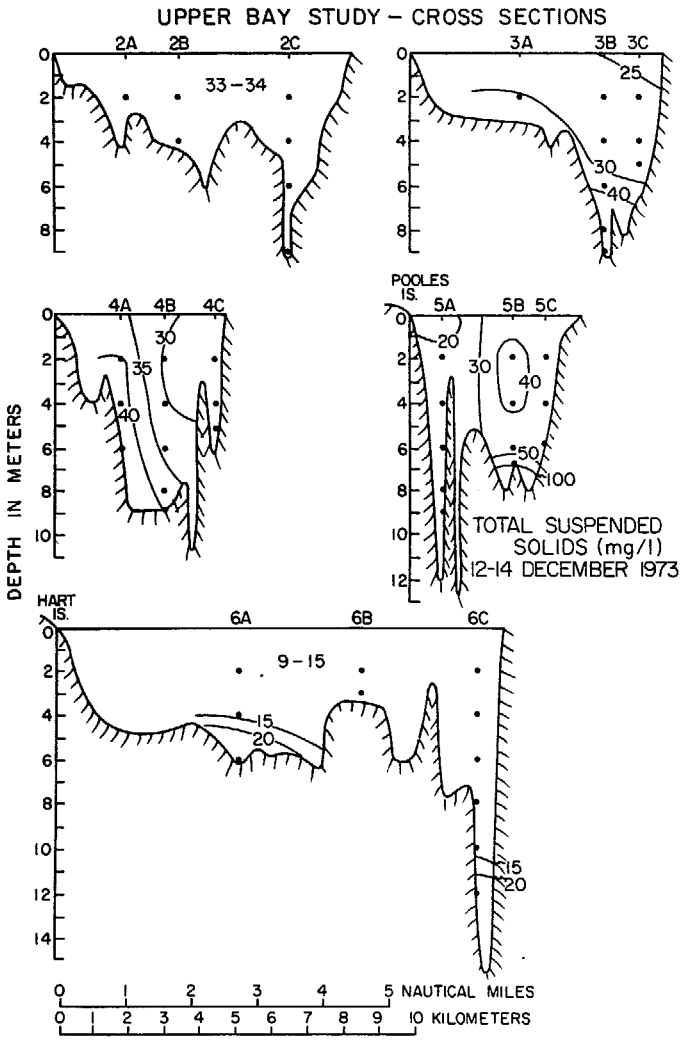
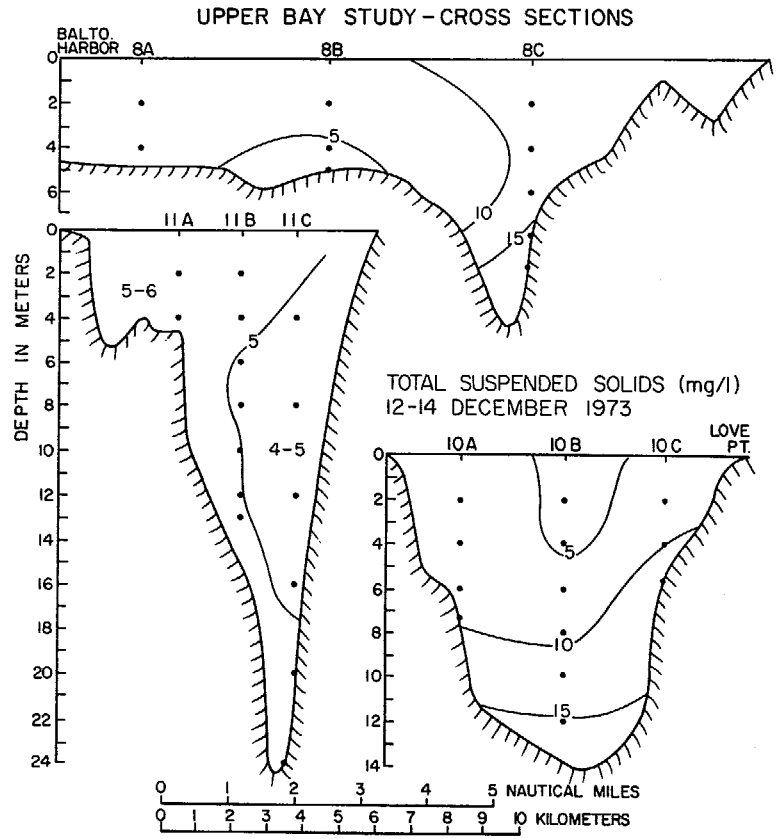
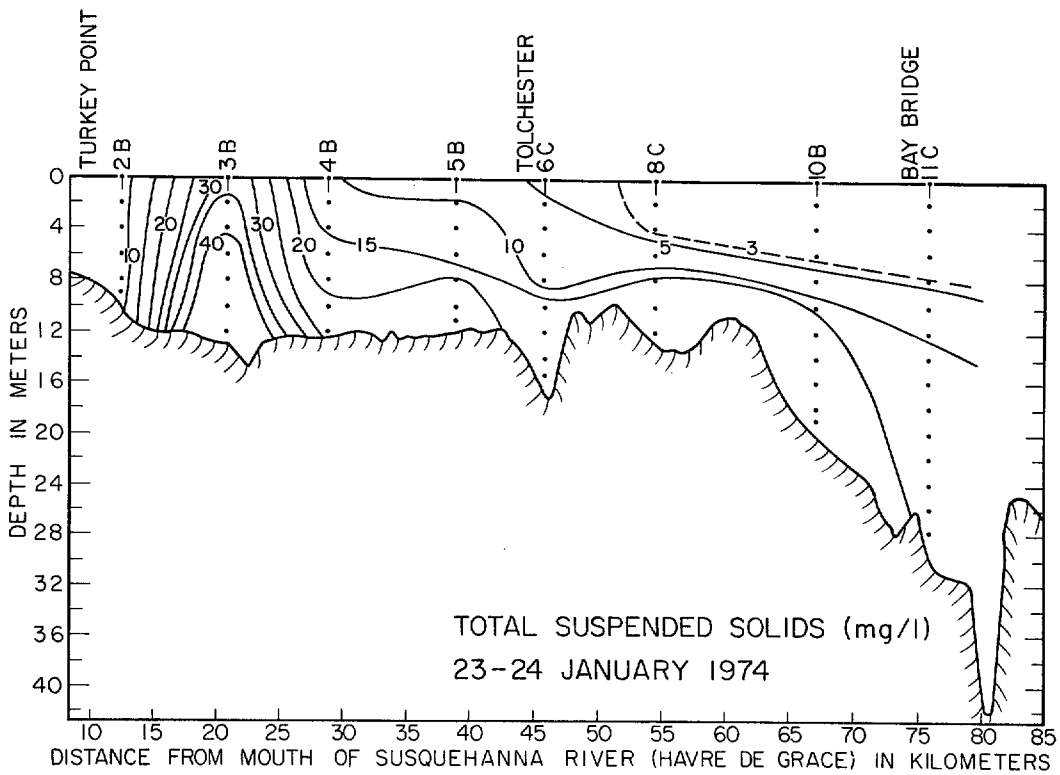



*Longitudinal Distribution Of Total Suspended Solids Along The Axis Of The Upper Bay December 12 Through 14, 1973.*

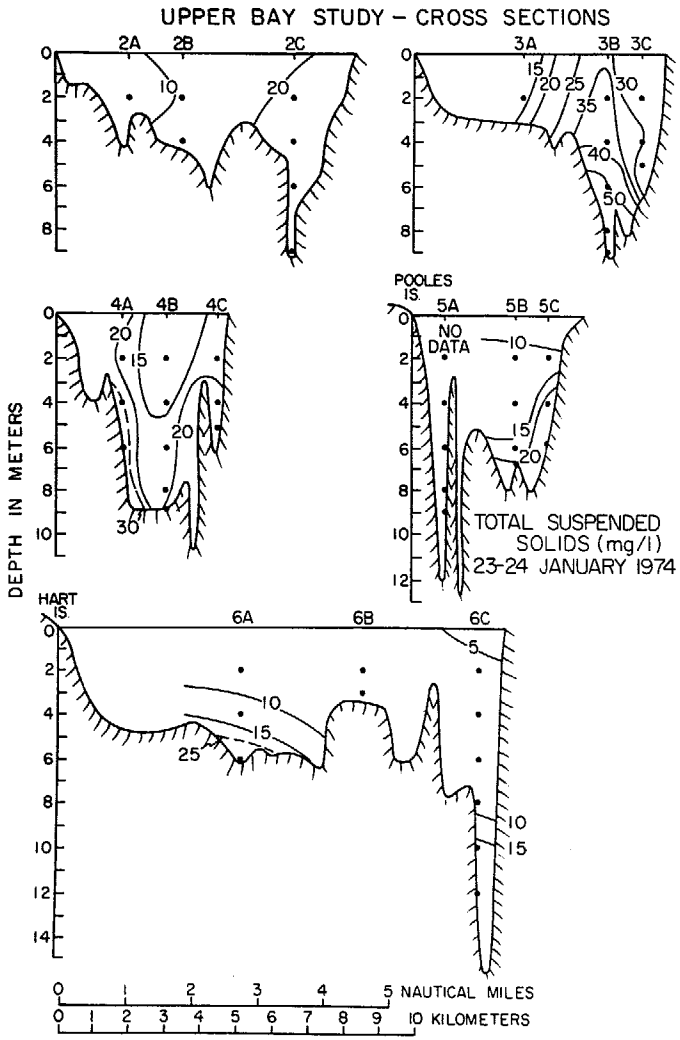


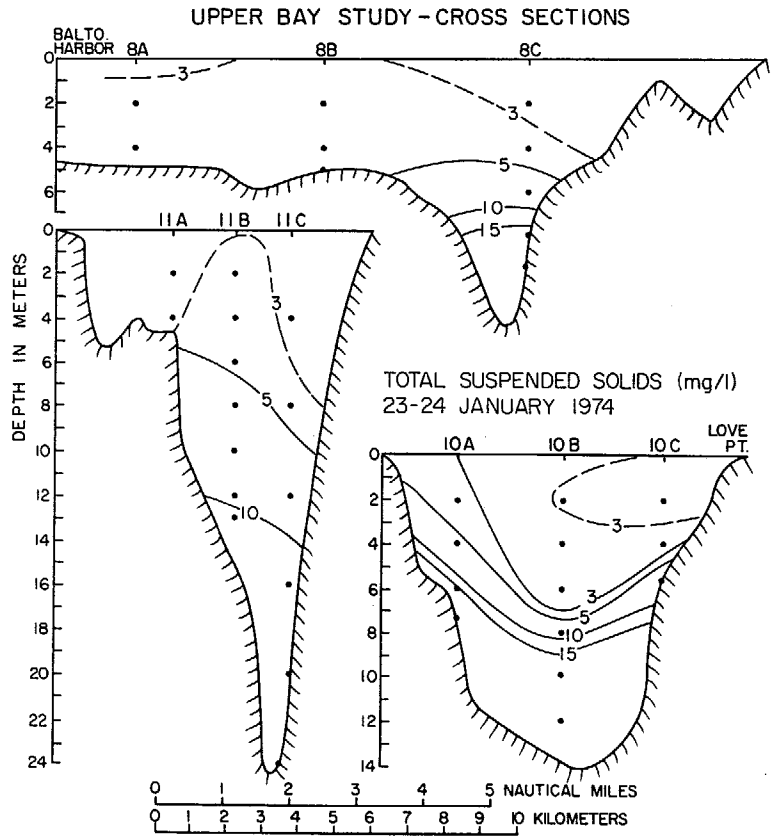




*Lateral Distributions Of Total Suspended Solids On Selected Cross-Sections Of The Upper Bay December 12 Through 14, 1974.*

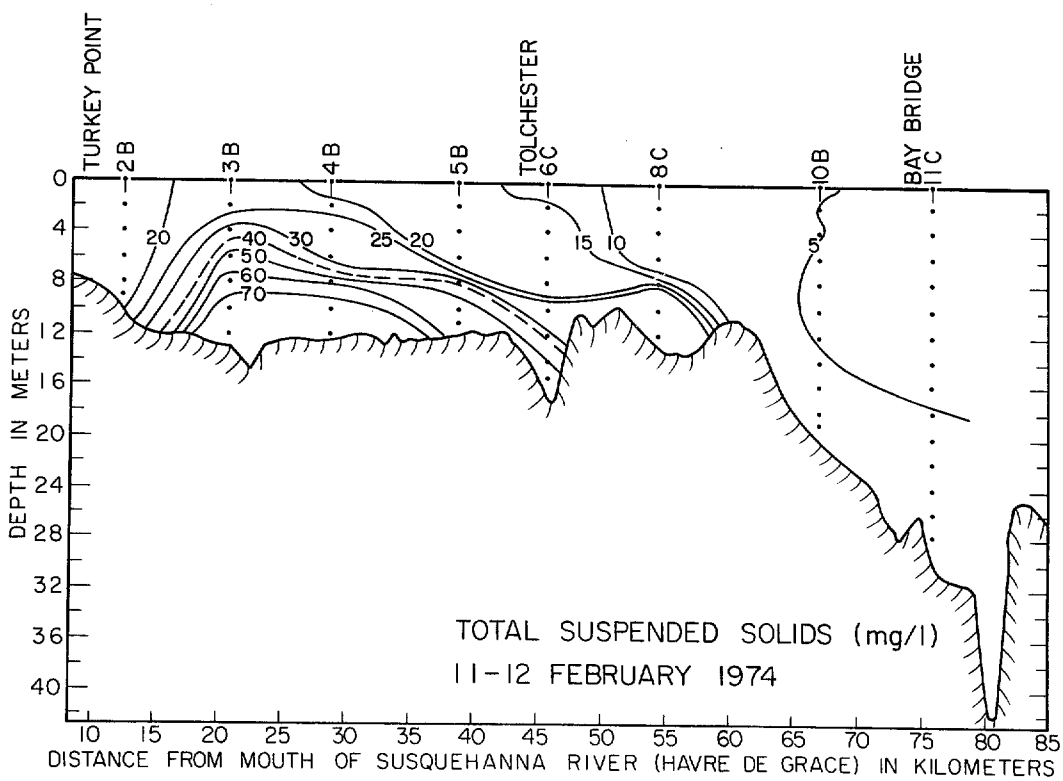



*Longitudinal Distribution Of Total Suspended Solids Along The Axis Of The Upper Bay January 23 And 24, 1974.*

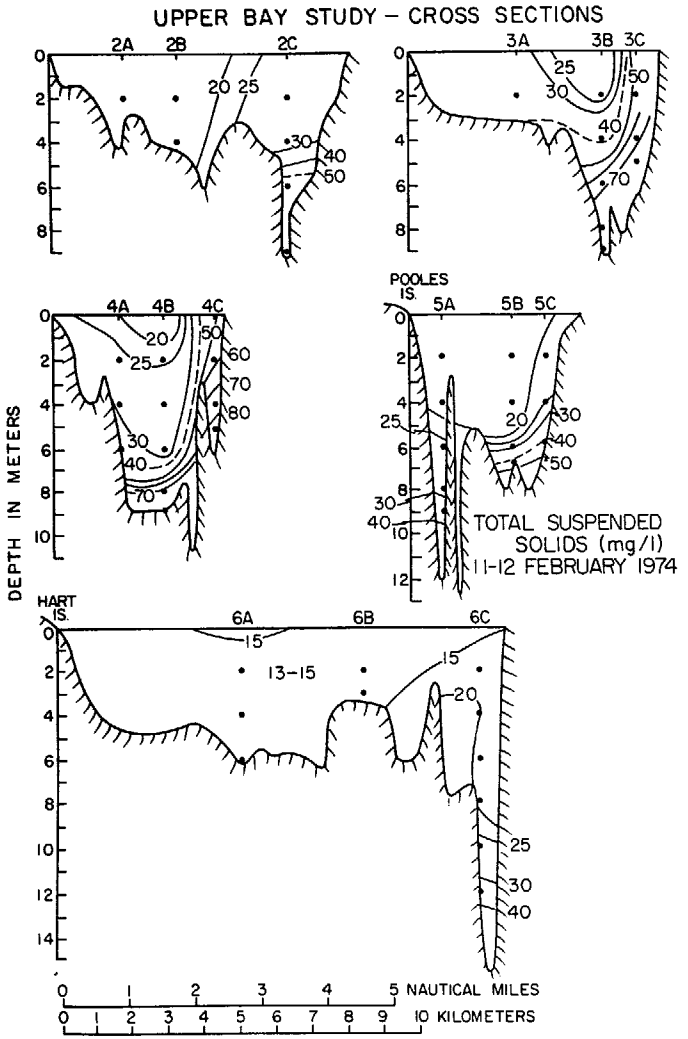


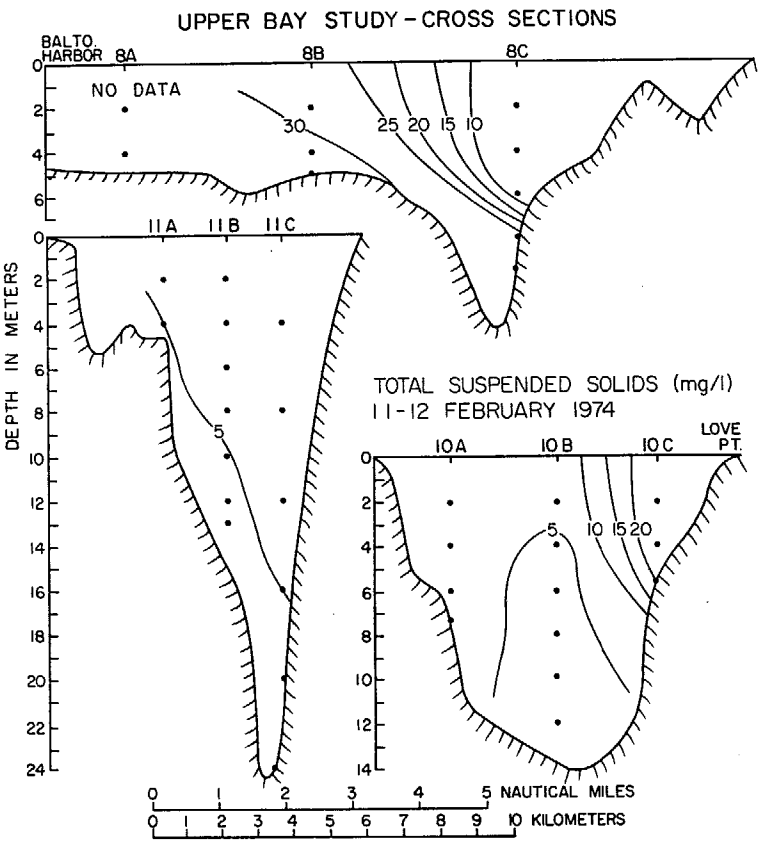




*Lateral Distributions Of Total Suspended Solids On Selected Cross-Sections Of The Upper Bay January 23 And 14, 1974.*

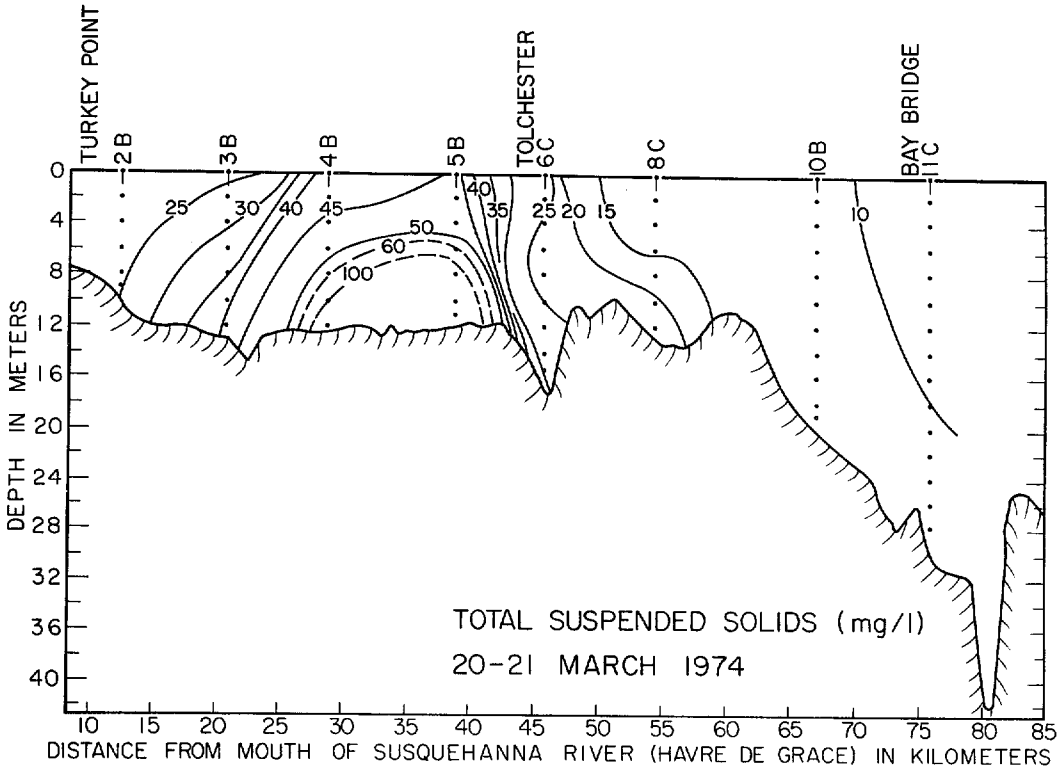



*Longitudinal Distribution Of Total Suspended Solids Along The Axis Of The Upper Bay February 11 And 12, 1974.*

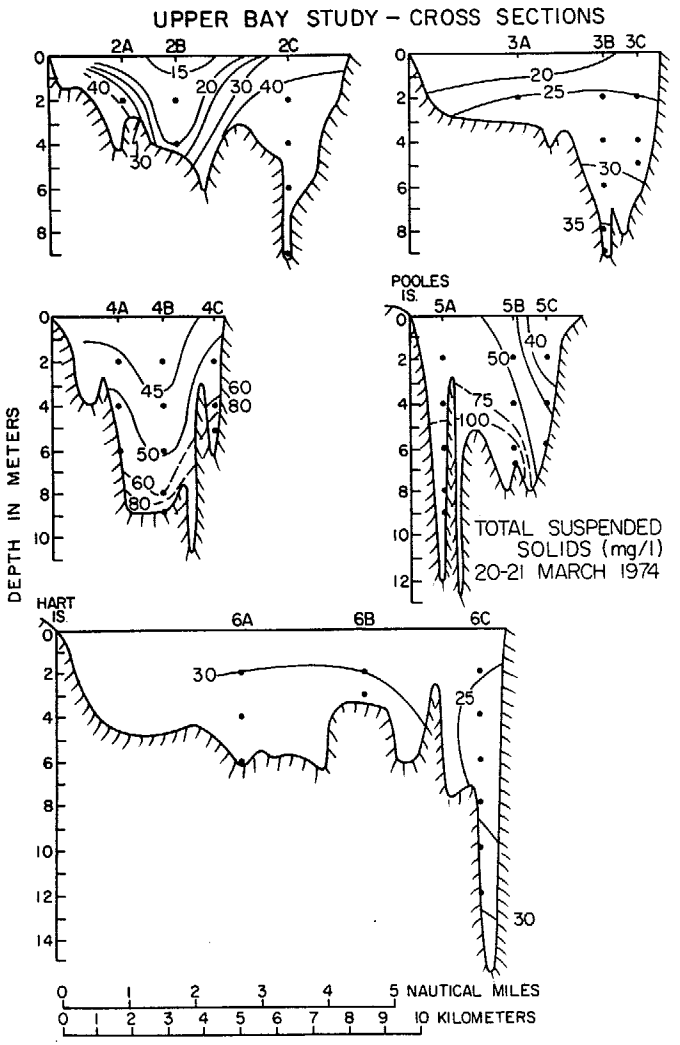


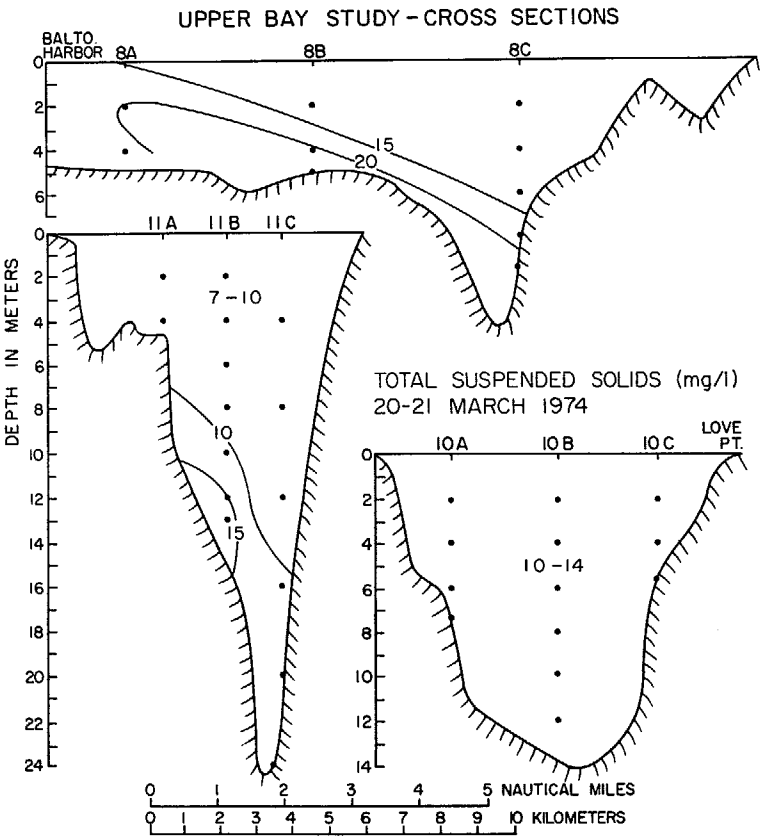




*Lateral Distributions Of Total Suspended Solids On Selected Cross-Sections Of The Upper Bay February 11 And 12, 1974.*

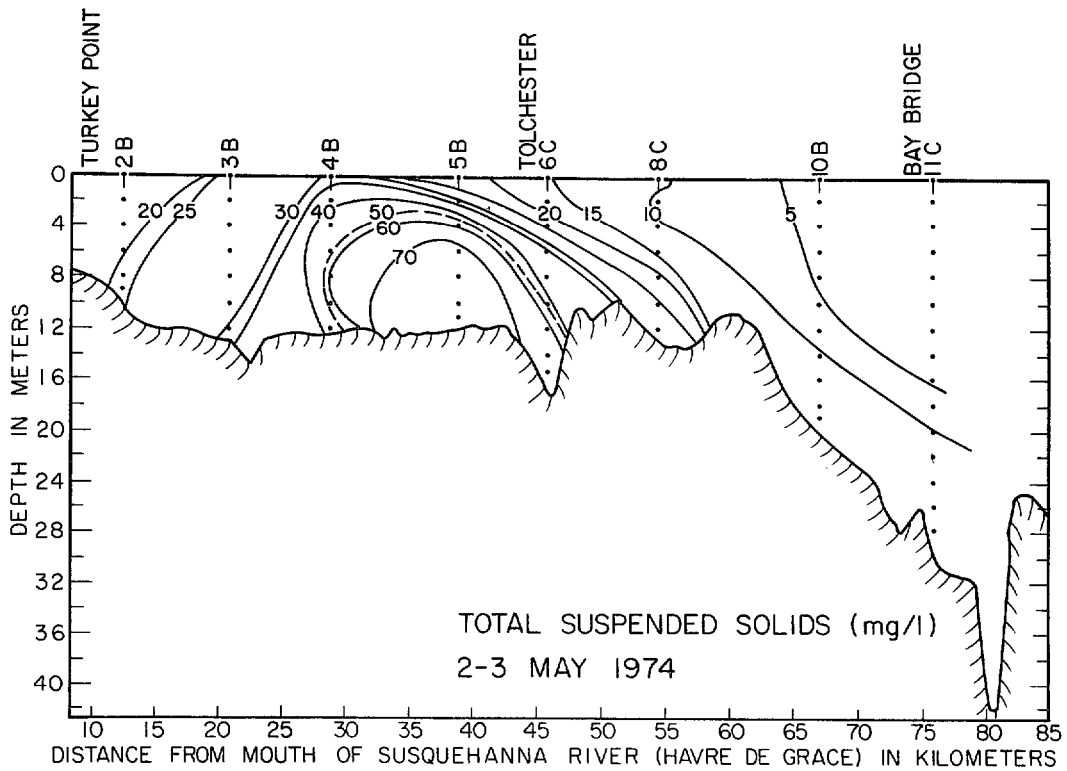



*Longitudinal Distribution Of Total Suspended Solids Along The Axis Of The Upper Bay March 20 And 21, 1974.*

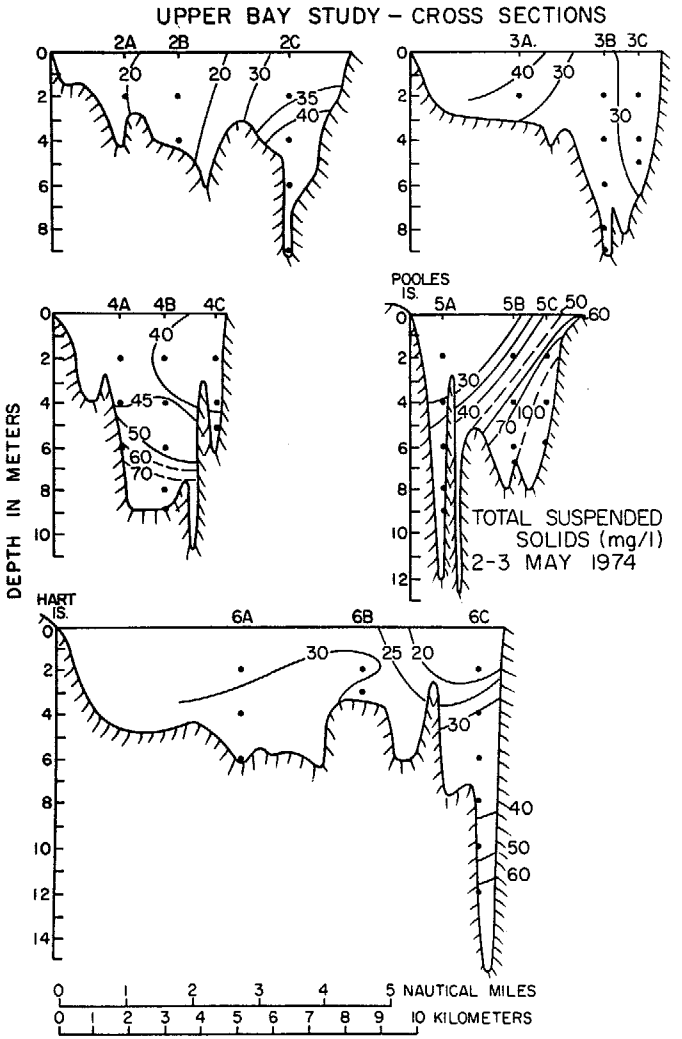


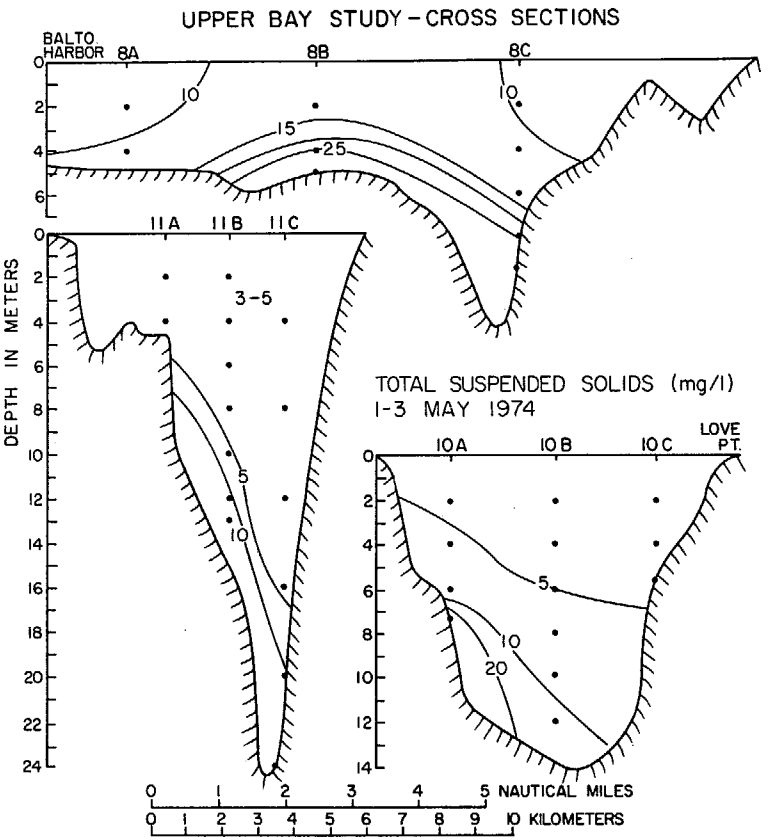




*Lateral Distributions Of Total Suspended Solids On Selected Cross-Sections Of The Upper Bay March 20 And 21, 1974.*

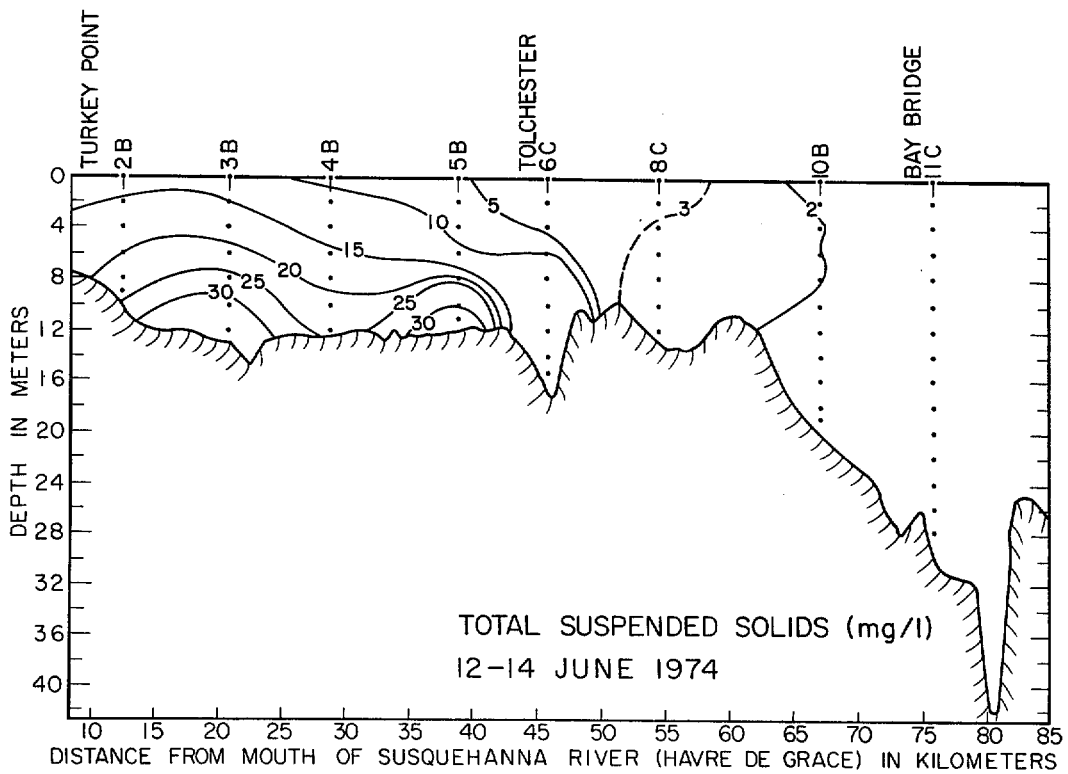



*Longitudinal Distribution Of Total Suspended Solids Along The Axis Of The Upper Bay*
*May 2 And 3, 1974*

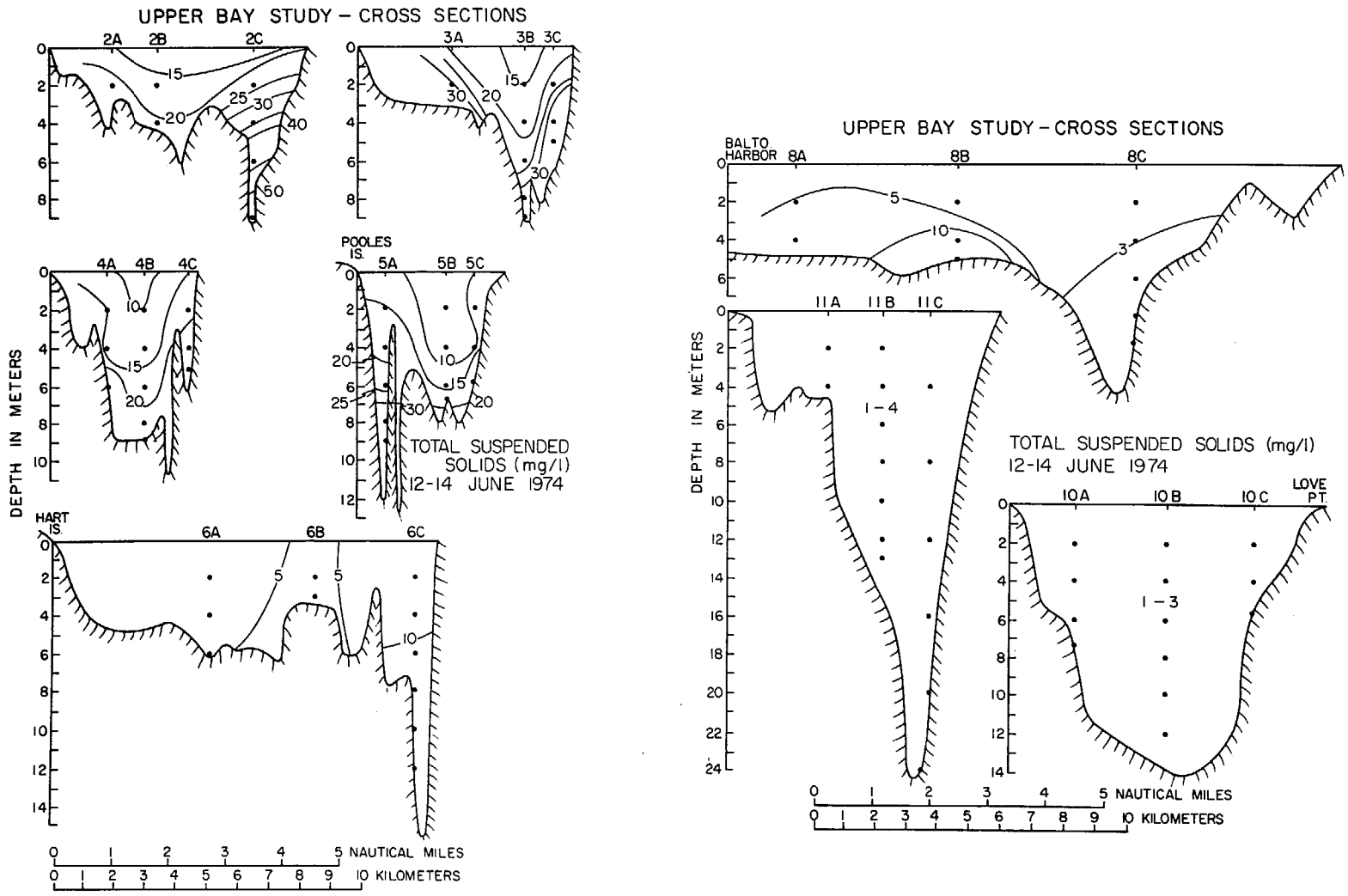


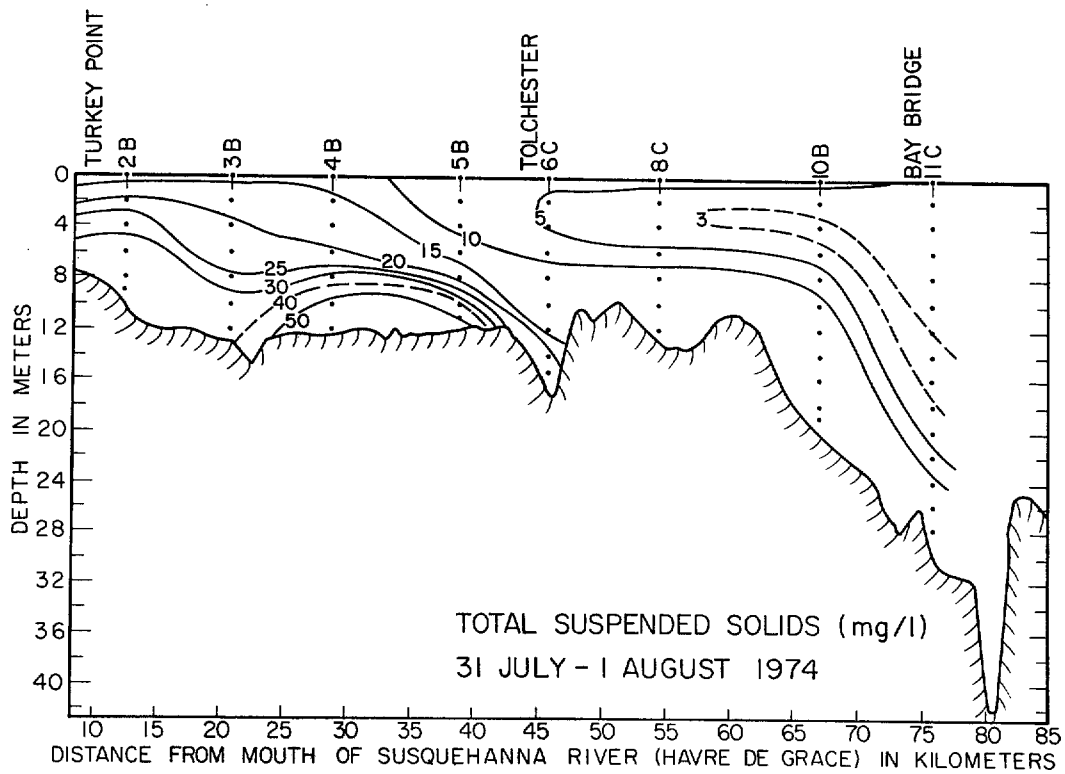

*Lateral Distributions Of Total Suspended Solids On Selected Cross-Sections Of The Upper Bay May 2 And 3, 1974.*



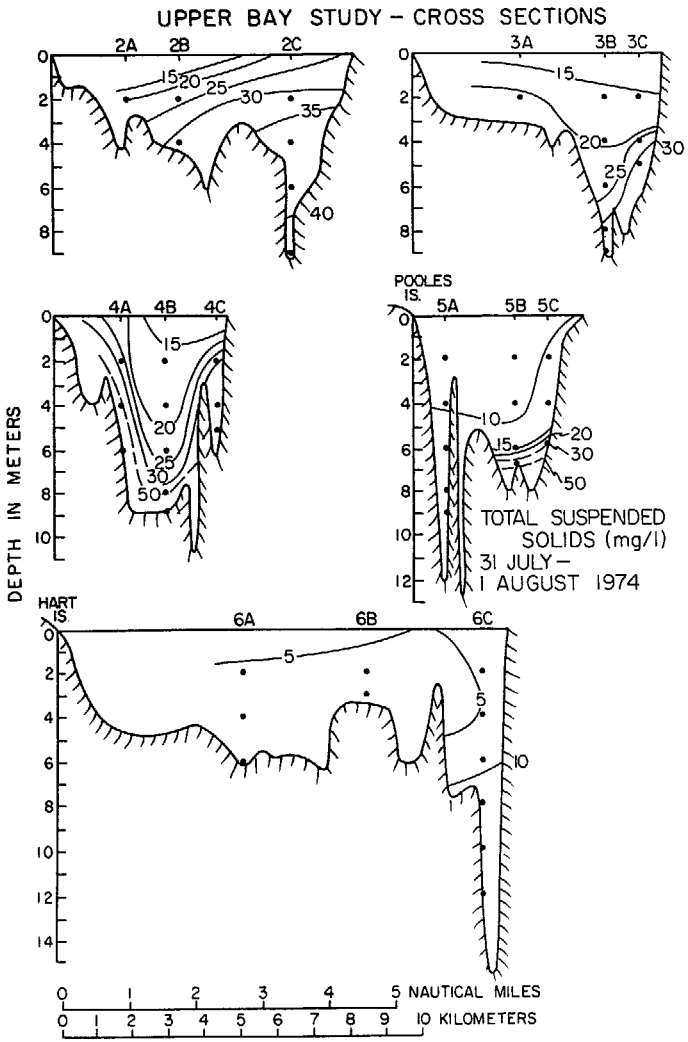

*Longitudinal Distribution Of Total Suspended Solids Along The Axis Of The Upper Bay June 12 Through 14, 1974.*

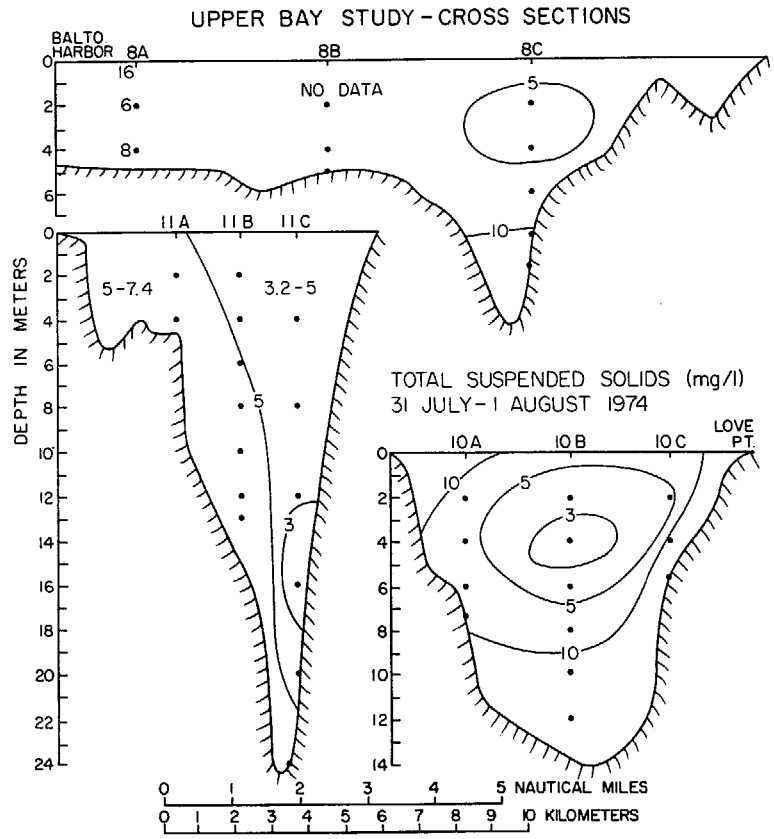



*Lateral Distributions Of Total Suspended Solids On Selected Cross-Sections Of The Upper Bay June 12 Through 14, 1974.*

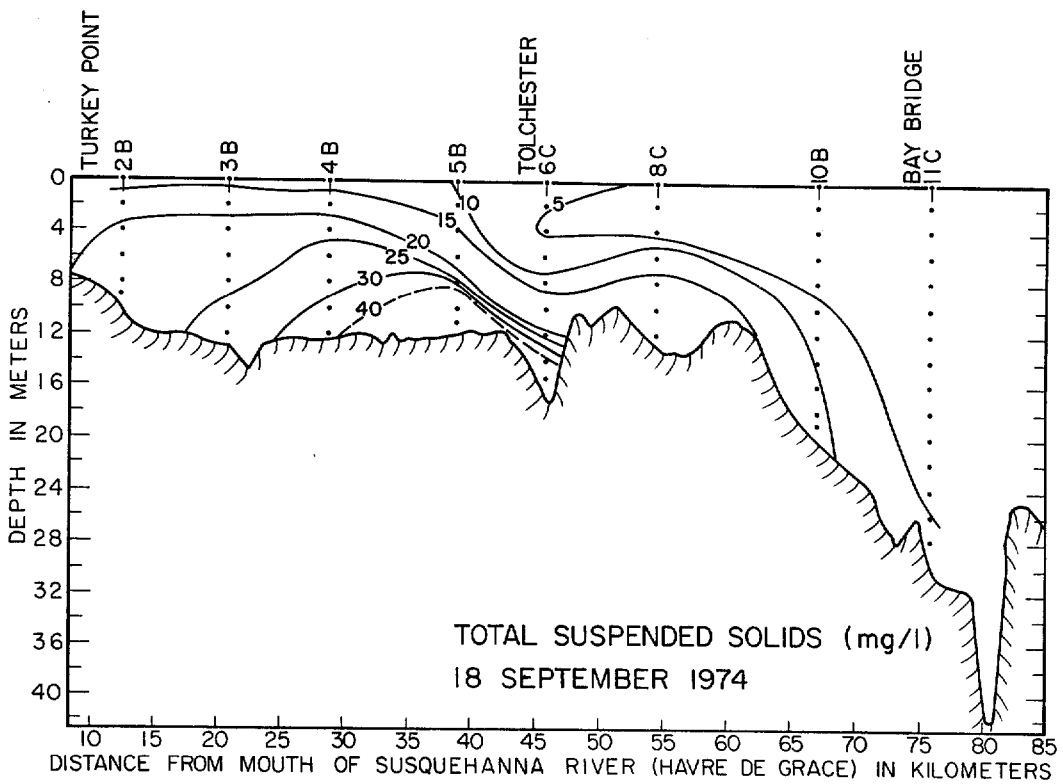



*Longitudinal Distribution Of Total Suspended Solids Along The Axis Of The Upper Bay July 31 And August 1, 1974.*

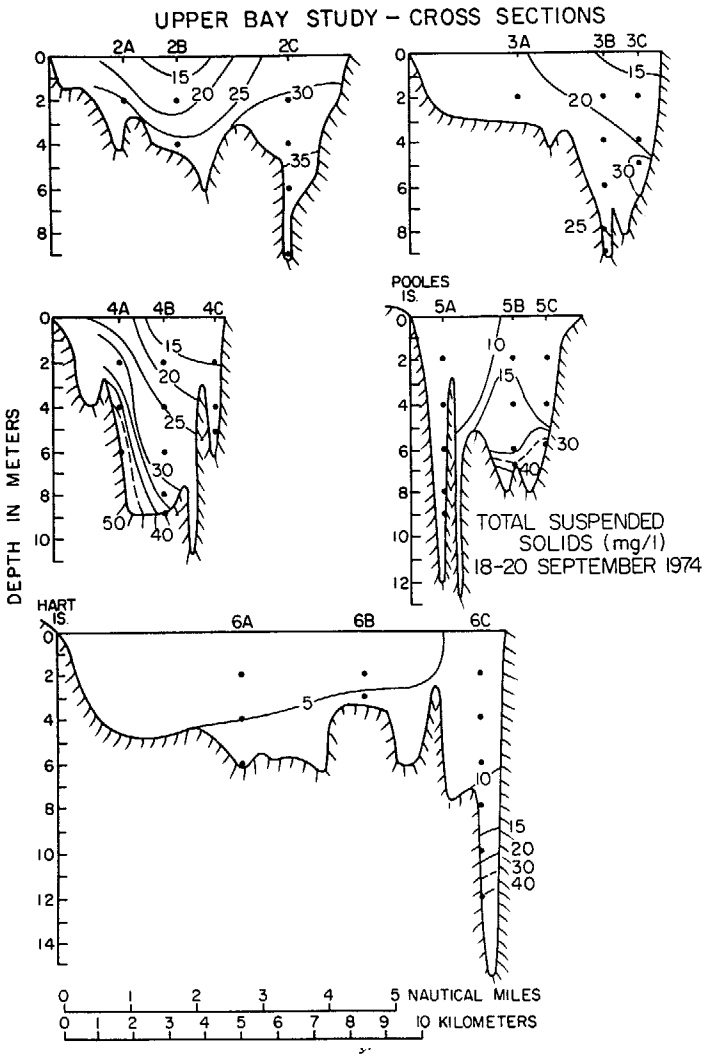


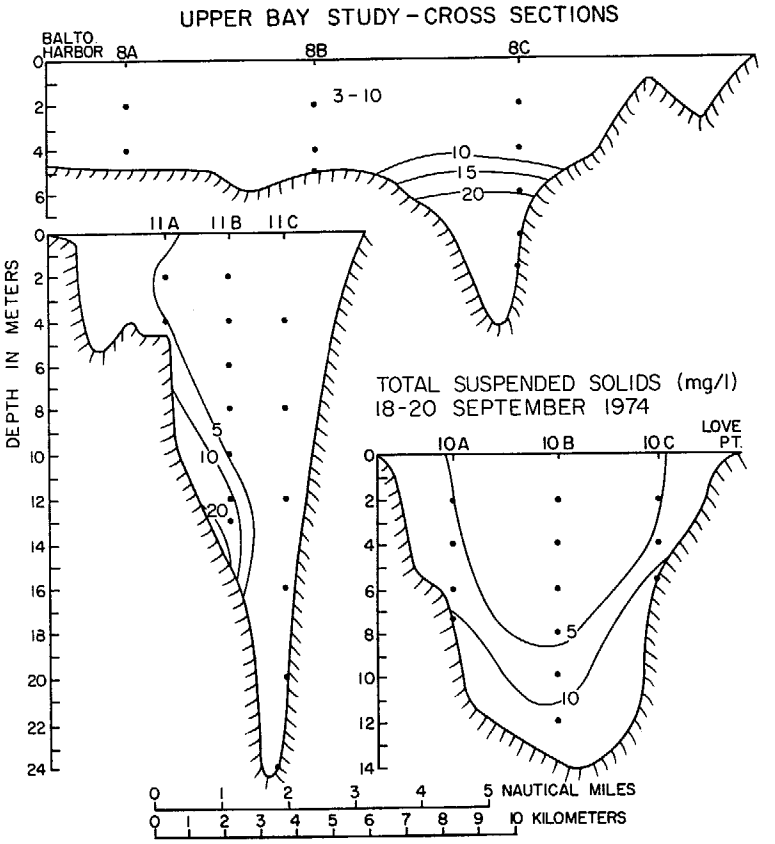




*Lateral Distributions Of Total Suspended Solids On Selected Cross-Sections Of The Upper Bay July 31 And August 1974.*

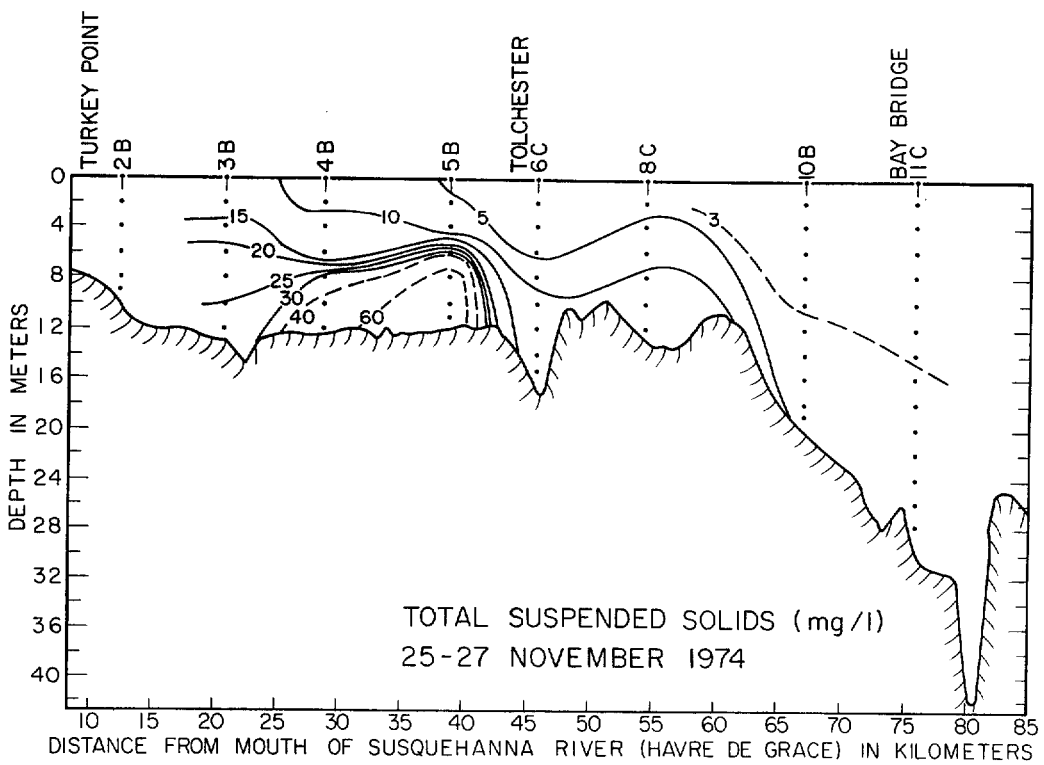



*Longitudinal Distribution Of Total Suspended Solids Along The Axis Of The Upper Bay September 18, 1974.*

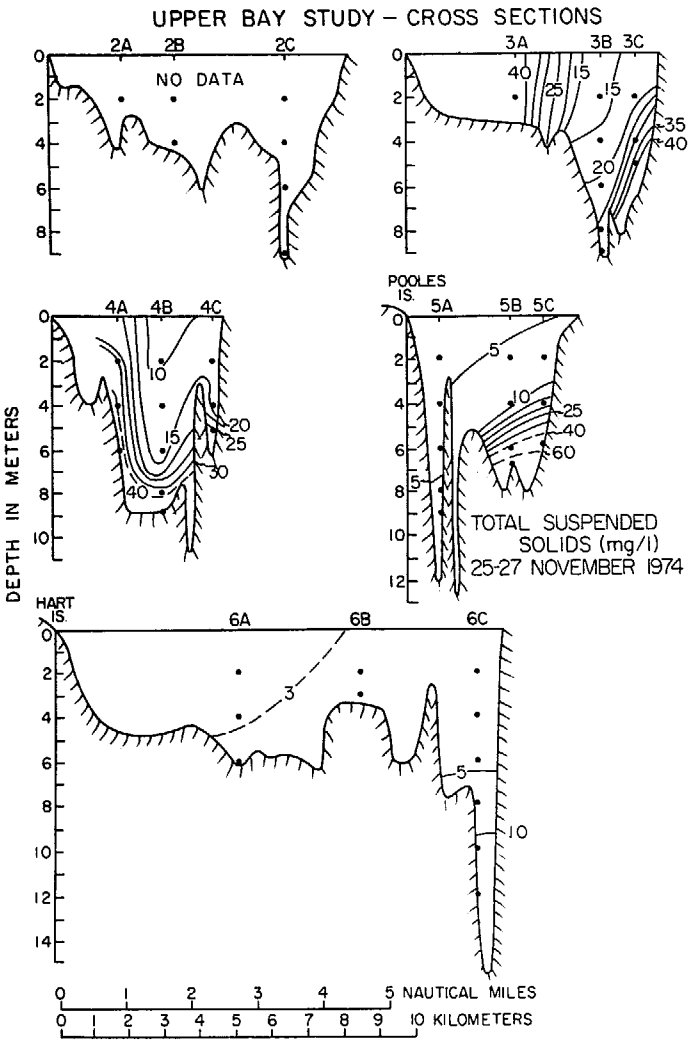


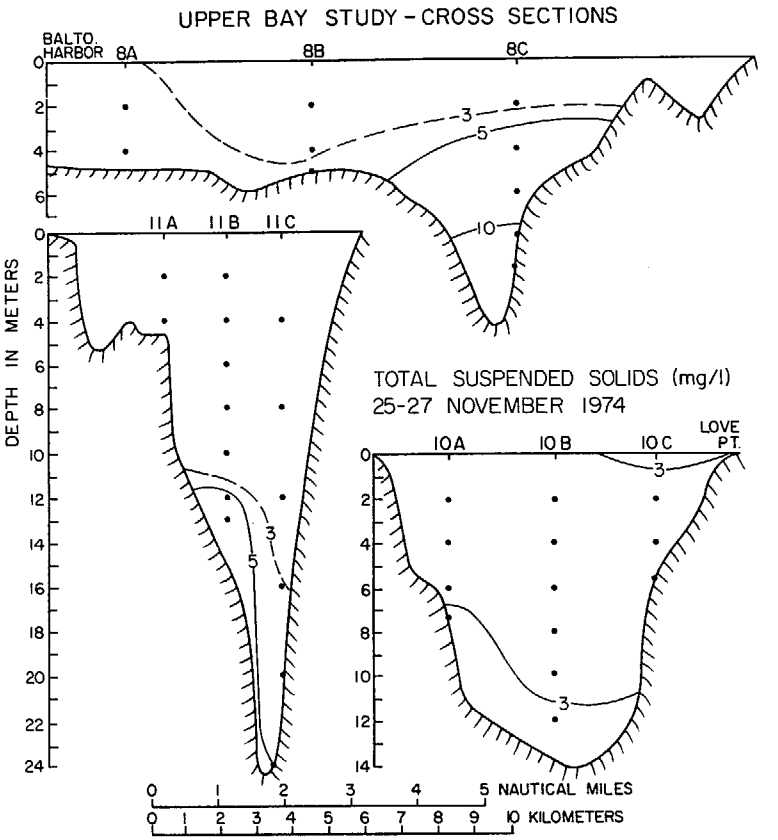




*Lateral Distributions Of Total Suspended Solids On Selected Cross-Sections Of The Upper Bay September 18 Through 20, 1974.*




*Longitudinal Distribution Of Total Suspended Solids Along The Axis Of The Upper Bay November 25 Through 27, 1974.*




*Lateral Distributions Of Total Suspended Solids On Selected Cross-Sections Of The Upper Bay November 25 Through 27, 1974.*

# APPENDIX C

# SUPPLEMENTARY MARINE BIOLOGY DATA

# ON

# WATER QUALITY AT PLANKTON

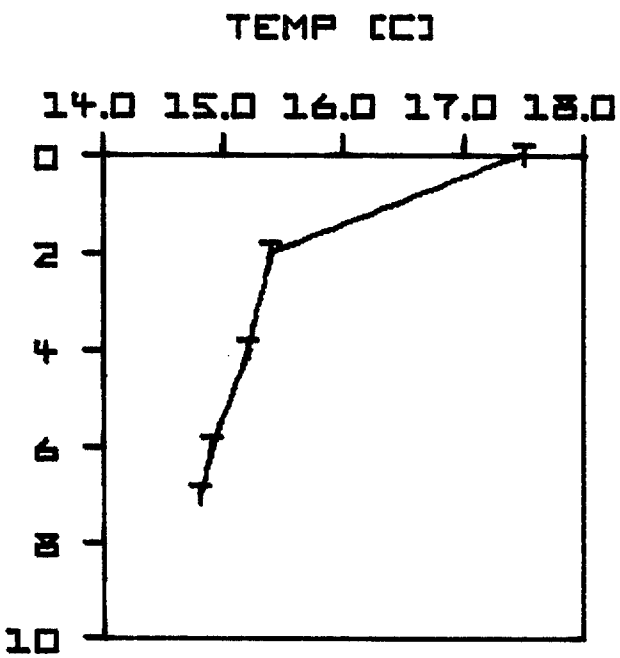
# SAMPLING STATIONS

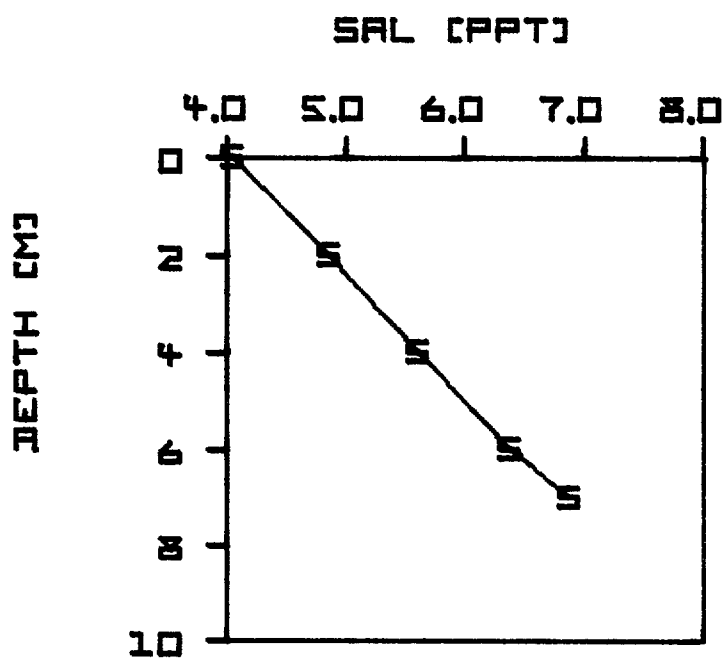
Appendix C supplements Volume II, Chapter 2, Marine Biology by J. M. Forns. As these data do not enter directly into the discussion of the text, they are inserted here with the other data base information of Volume III.

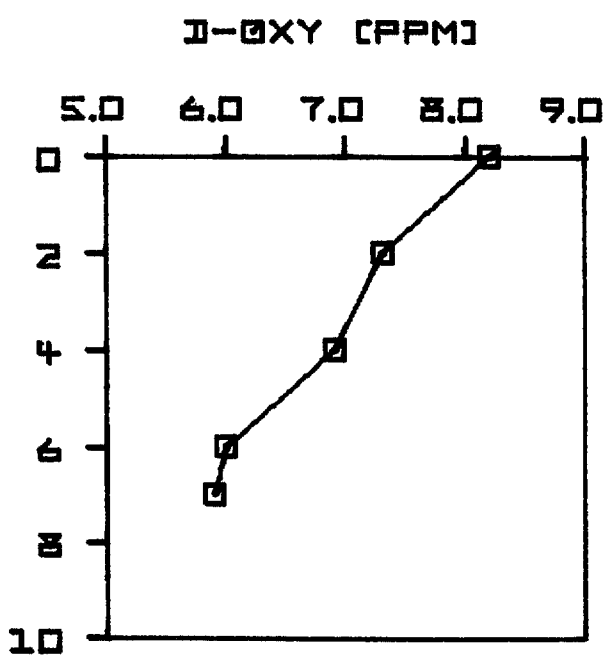
J. M. Forns
Westinghouse Electric Corporation

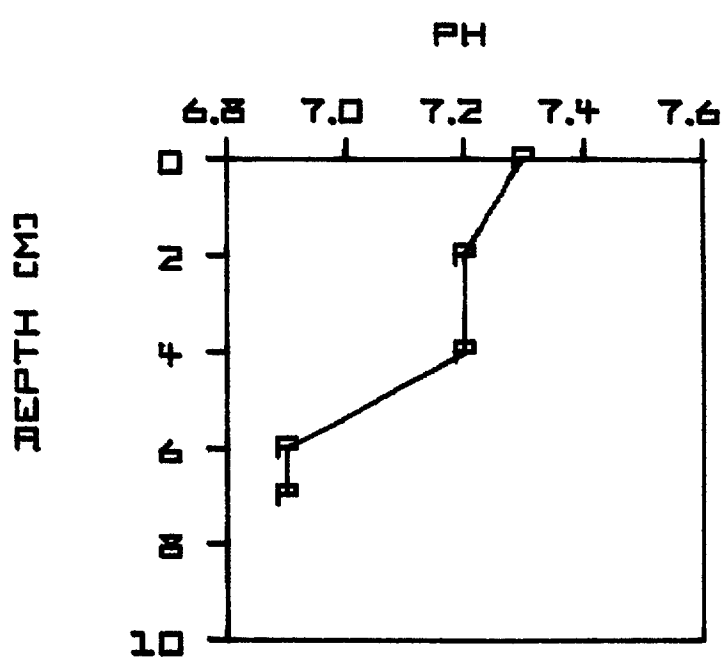
# U. B. SURVEY

SAMPLE NUMBER 32
STATION NUMBER 78
DATE 05/01/1974



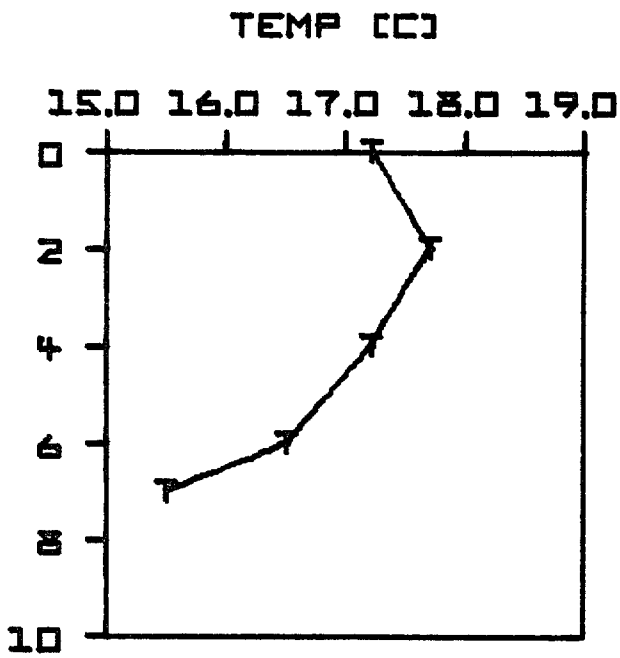



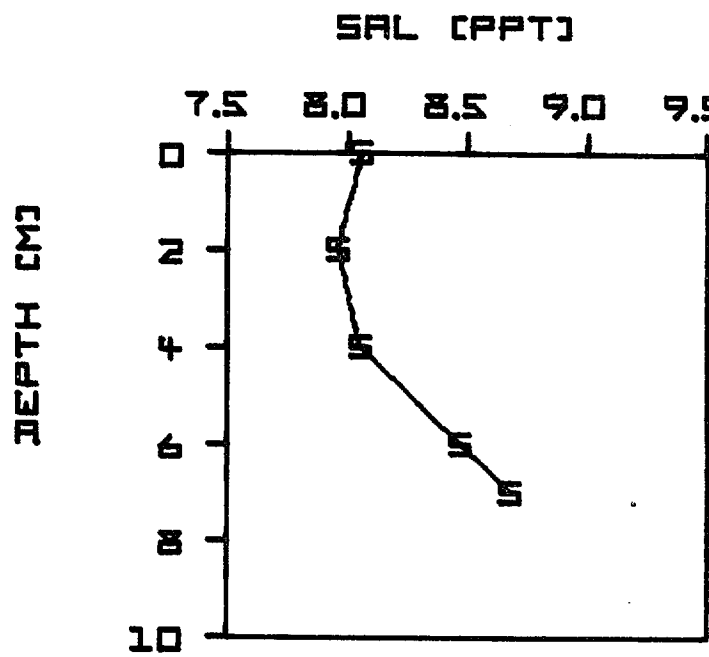



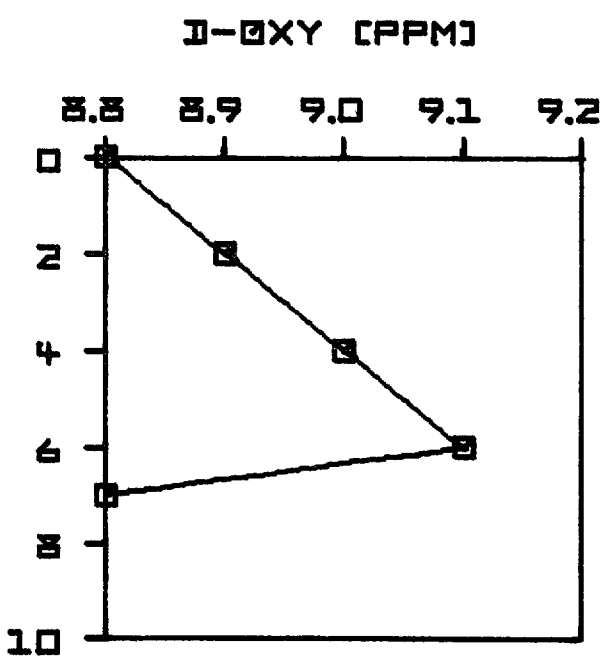



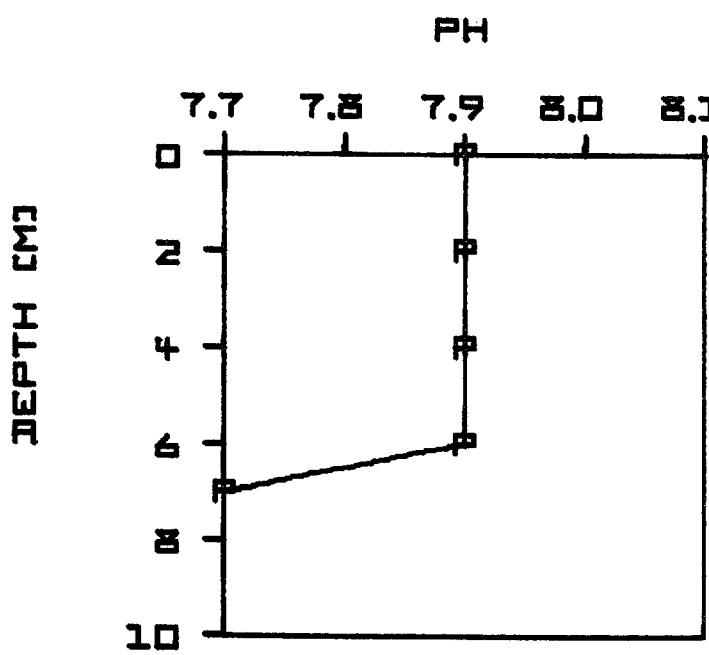
# U. B. SURVEY

SAMPLE NUMBER 33
STATION NUMBER 11D
DATE 05/01/1974



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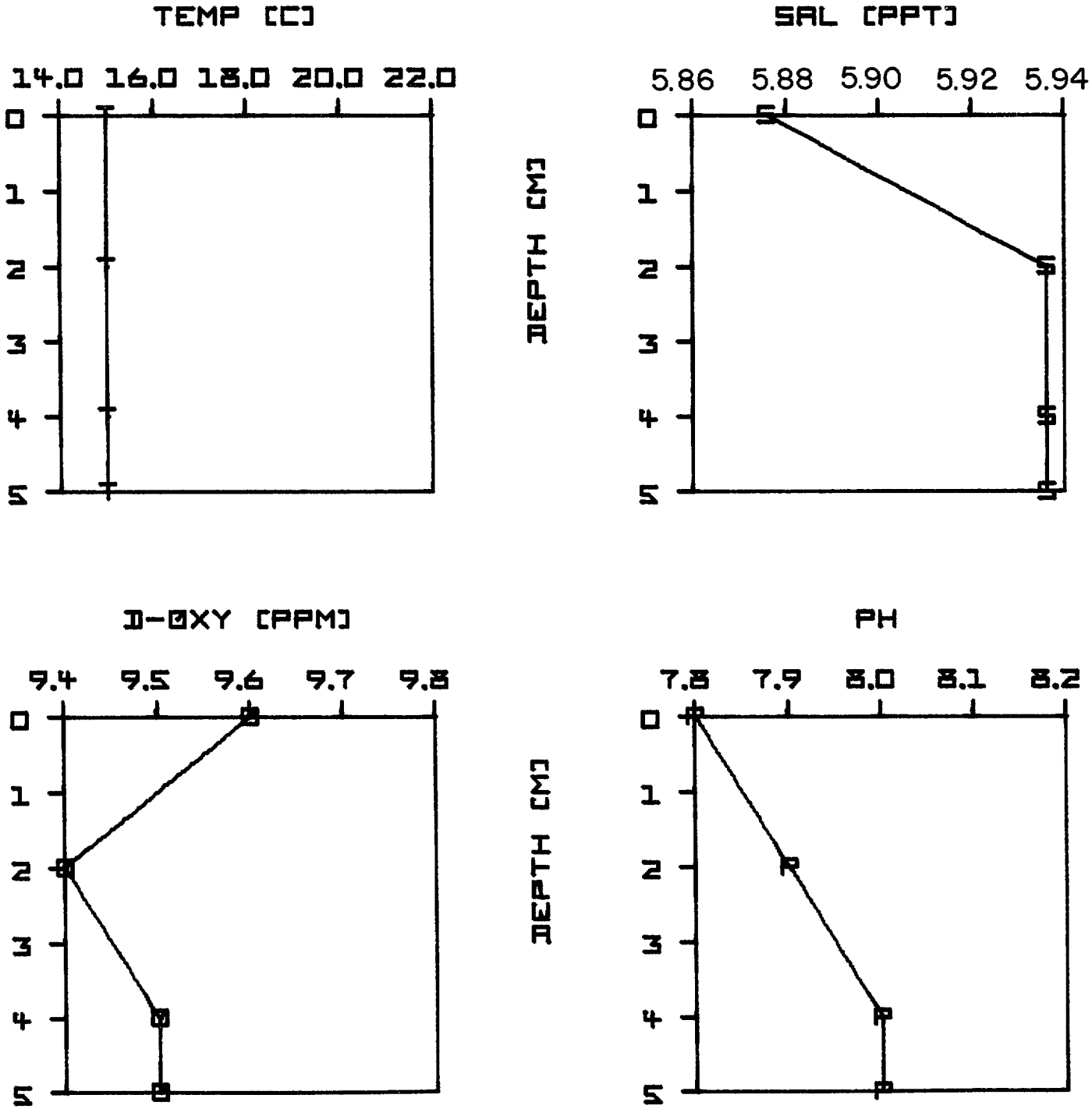
SAMPLE NUMBER 35
STATION NUMBER 11A
DATE 05/02/1974



# U. B. SURVEY

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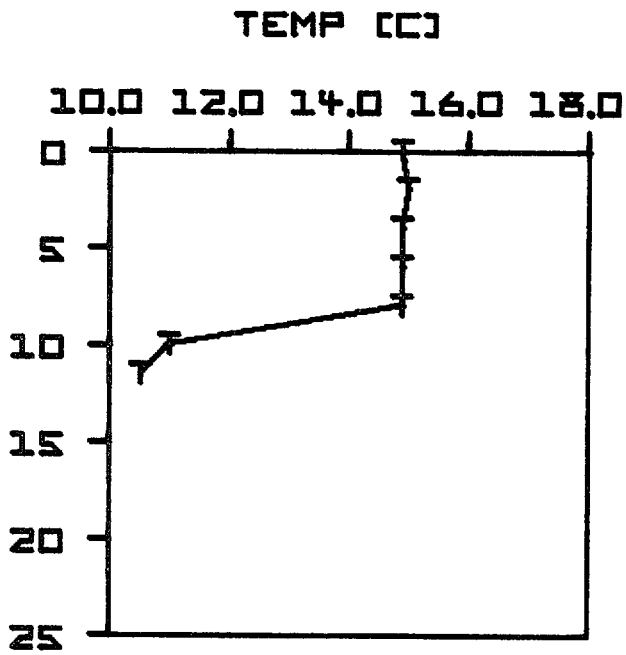
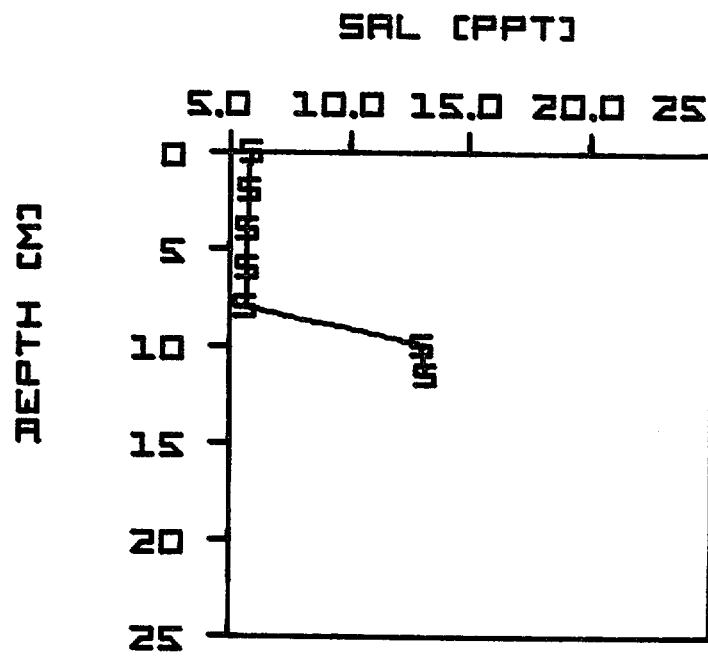
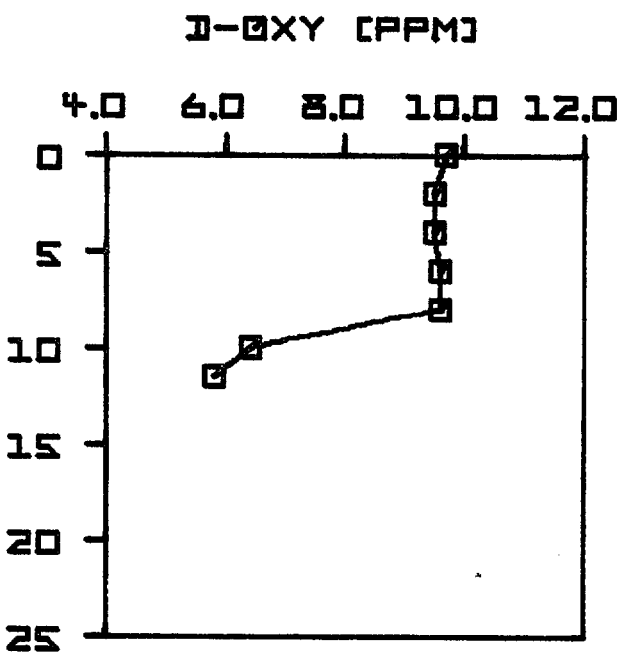
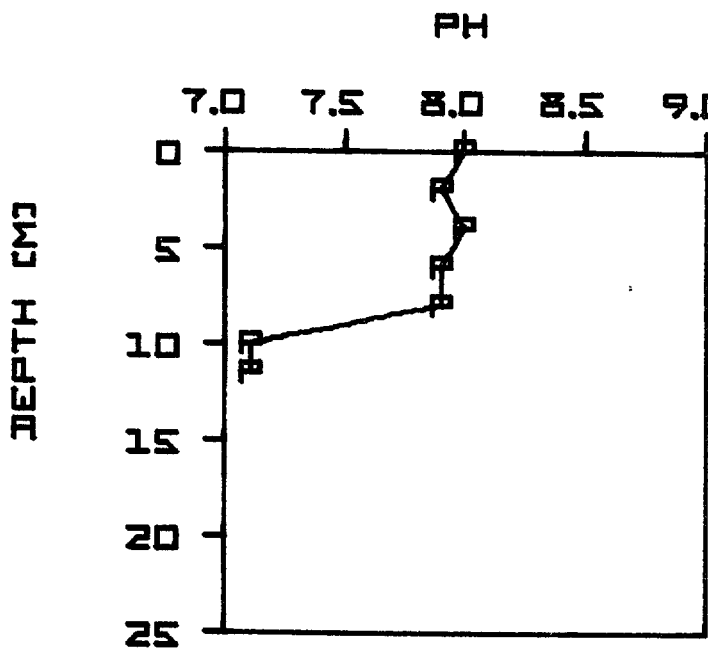
STATION NUMBER 108
DATE 05/02/1974



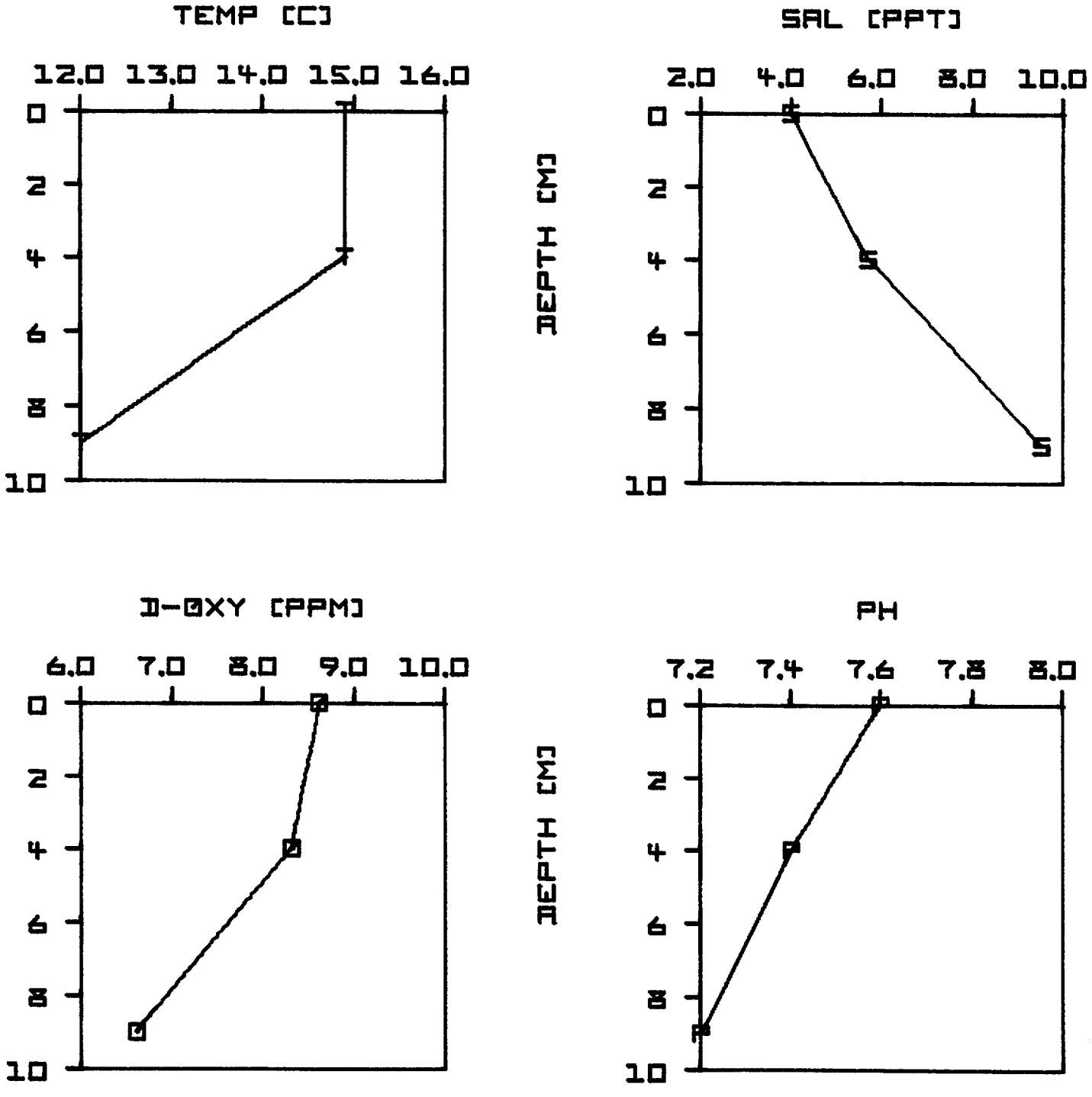



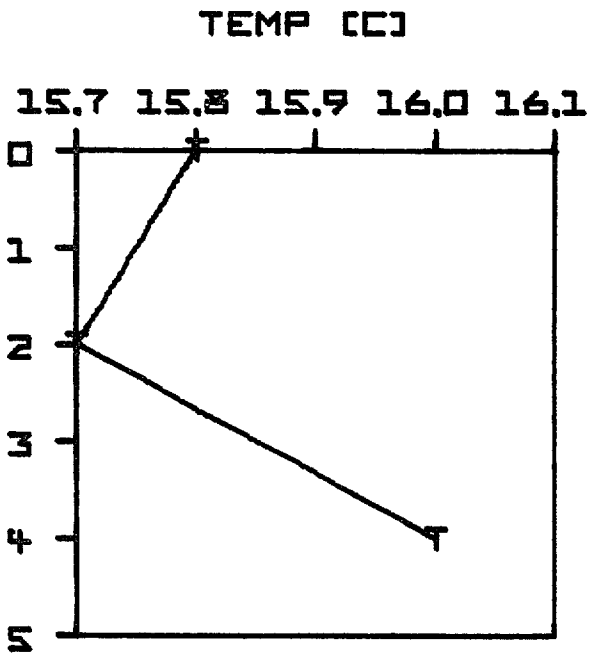
# U. B. SURVEY

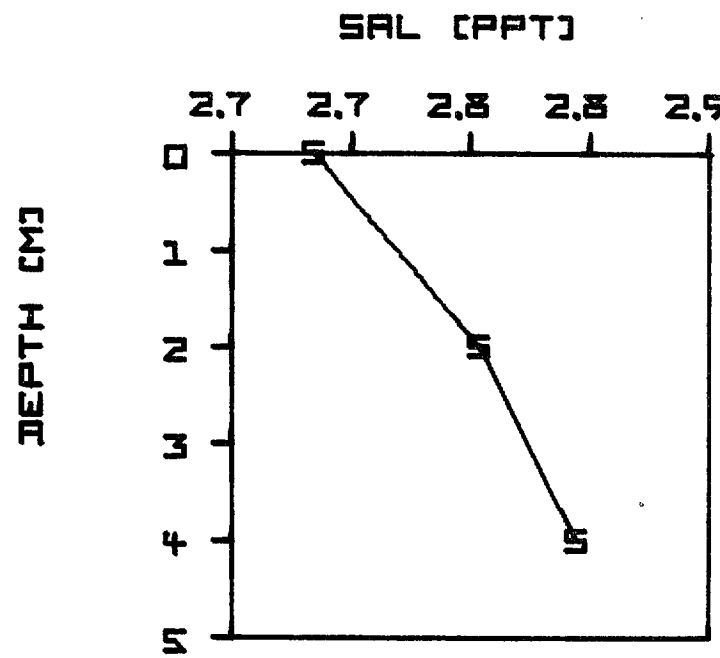
SAMPLE NUMBER 37
STATION NUMBER 8C
DATE 05/02/1974



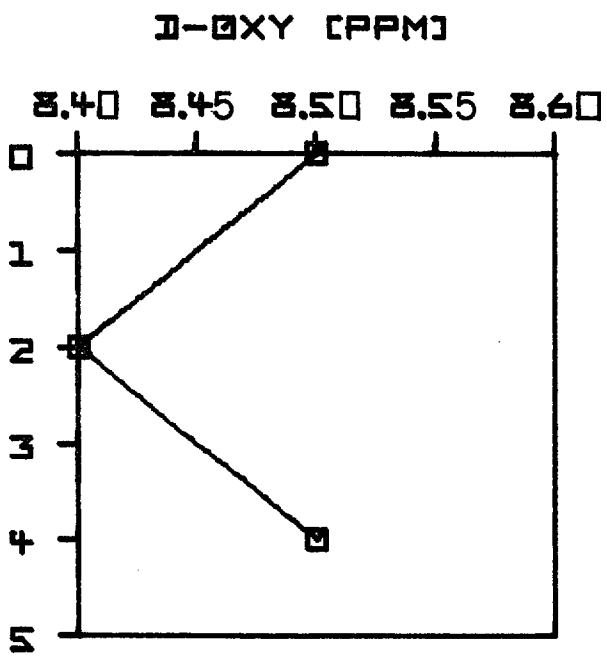
# U. B. SURVEY

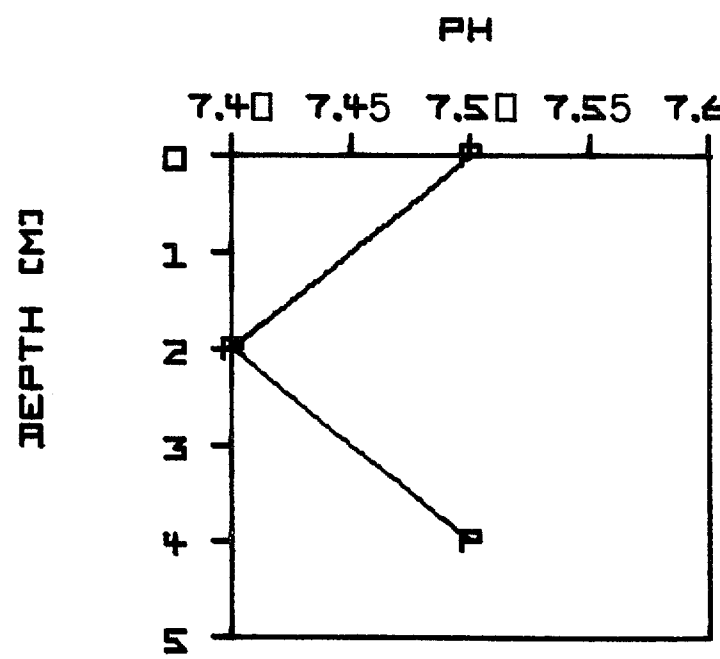
SAMPLE NUMBER 38
STATION NUMBER 86
DATE 05/02/1974




DEPTH [M]




DEPTH [M]

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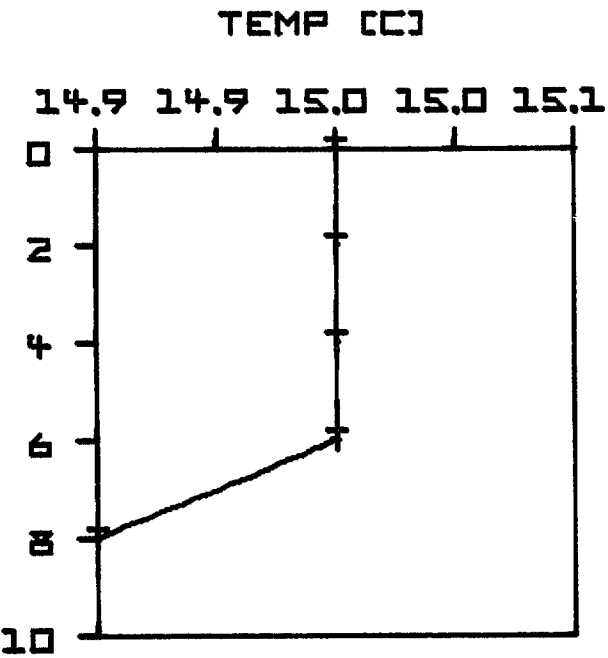
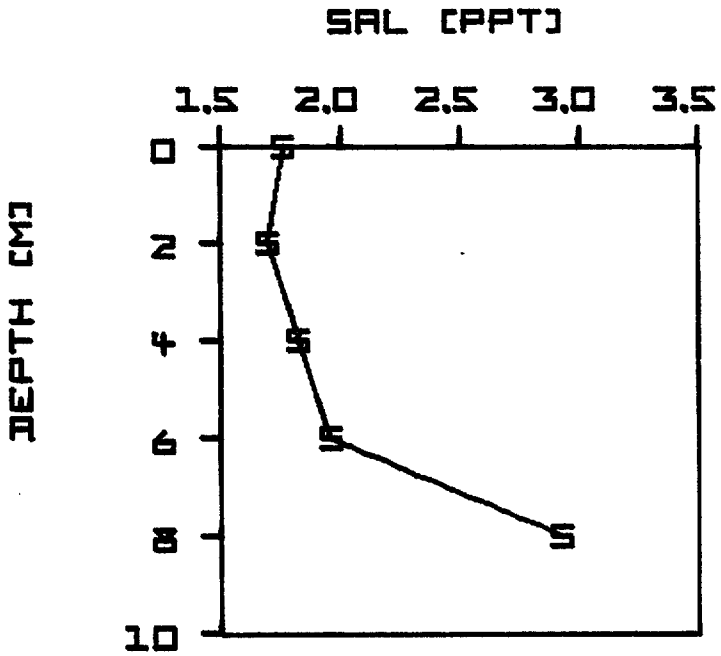
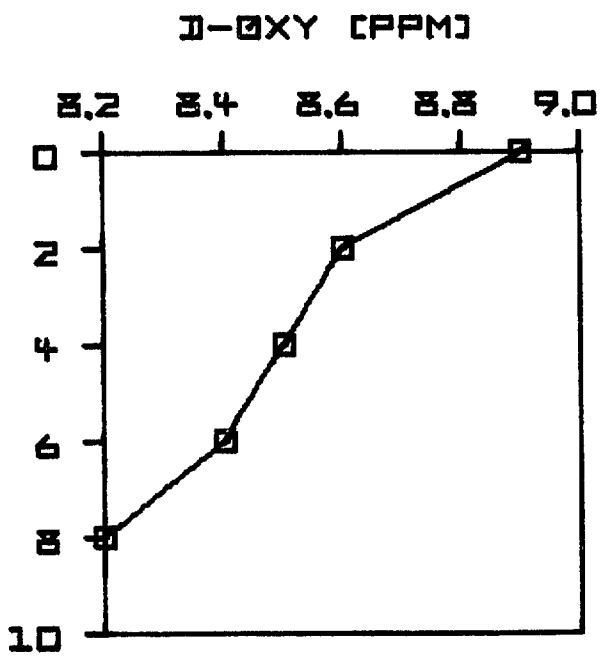
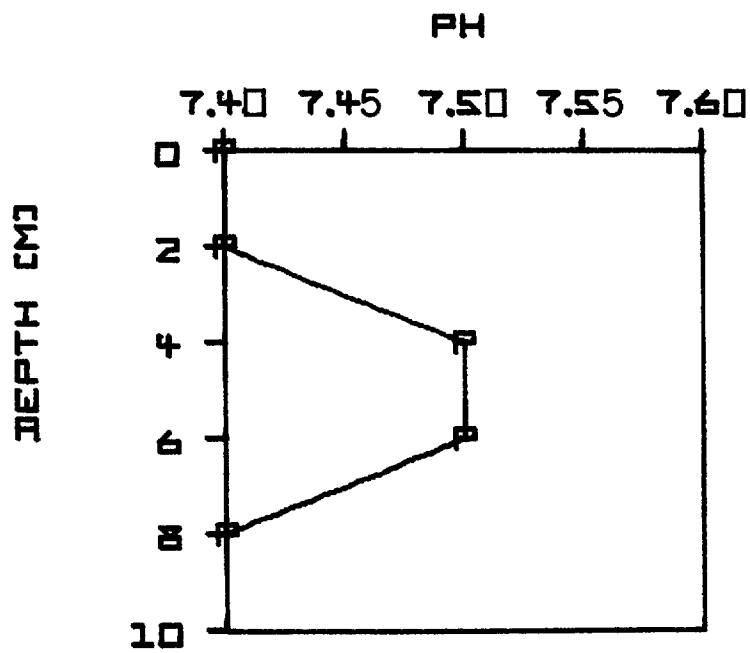
SAMPLE NUMBER 39
STATION NUMBER 5A
DATE 05/03/1974



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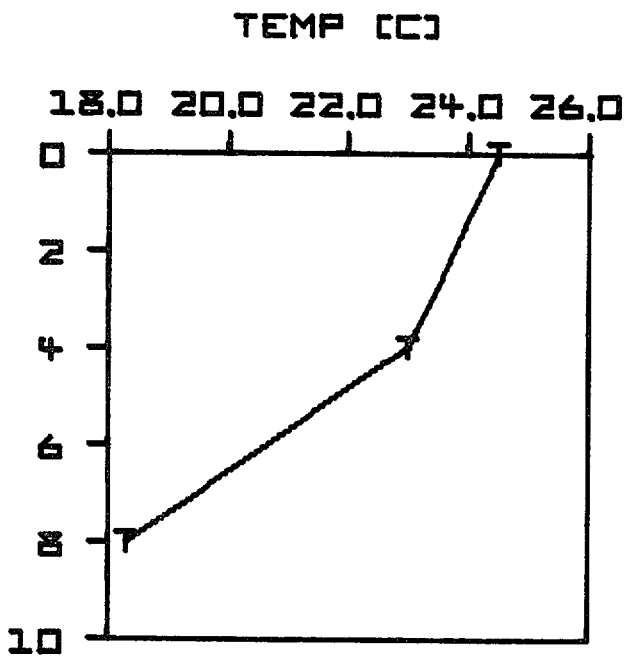
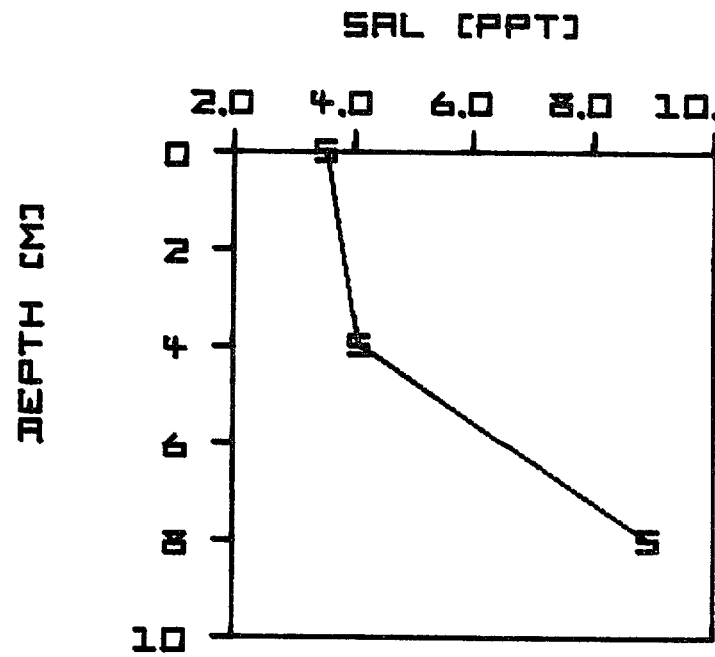
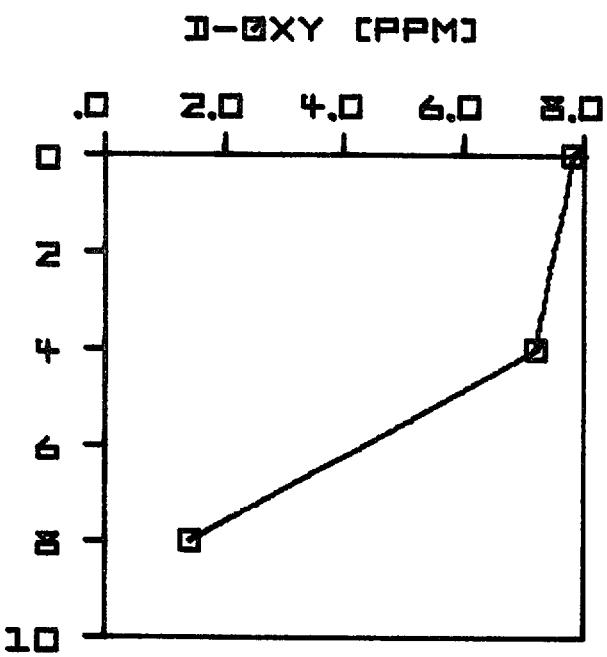
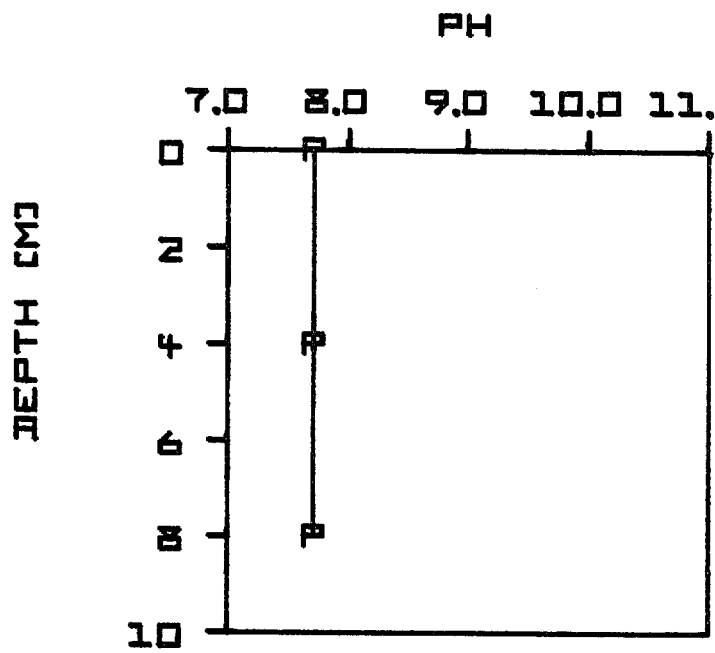
STATION NUMBER 76
DATE 06/11/1974



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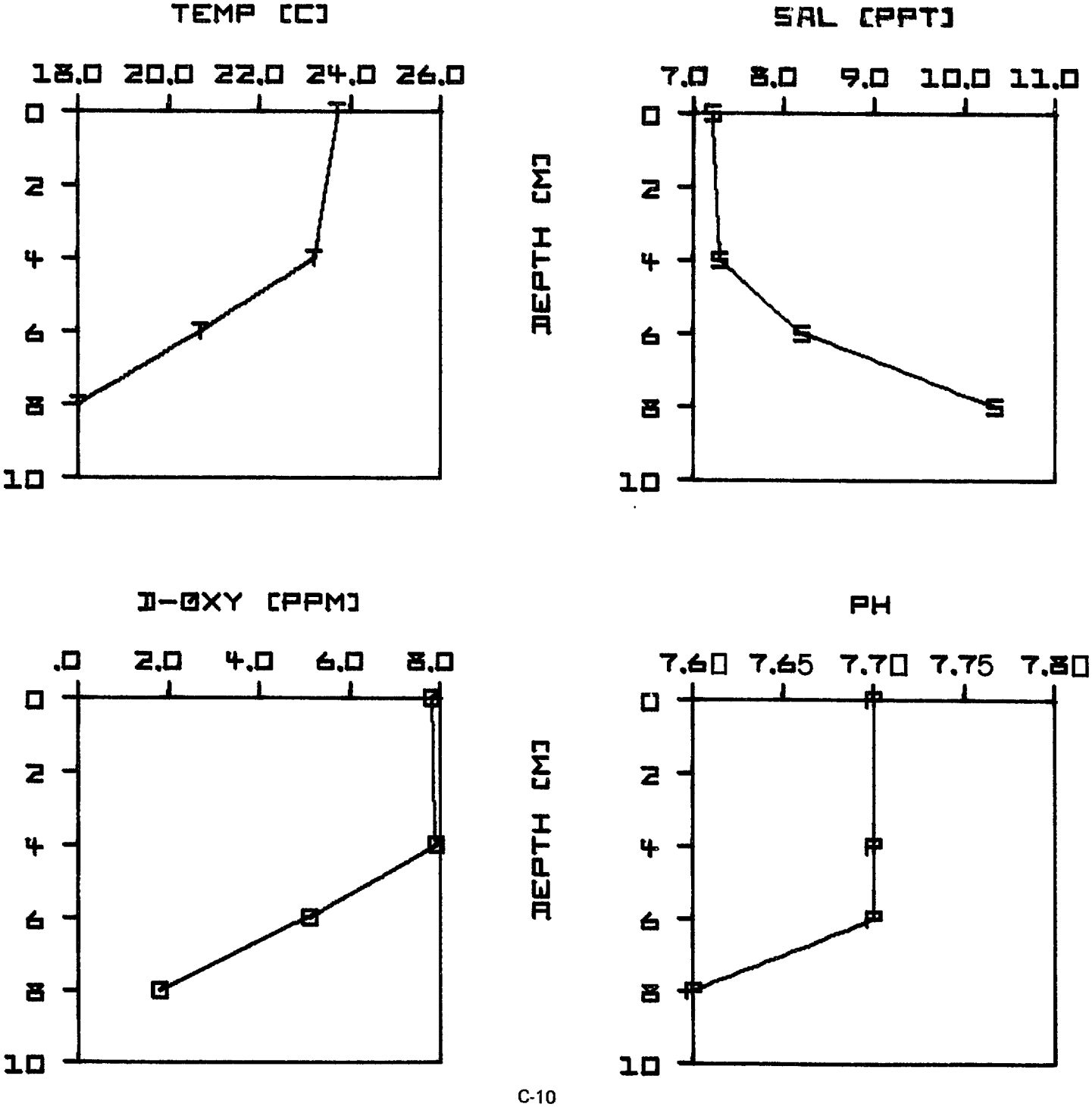
SAMPLE NUMBER 45
STATION NUMBER 110
DATE 06/11/1974



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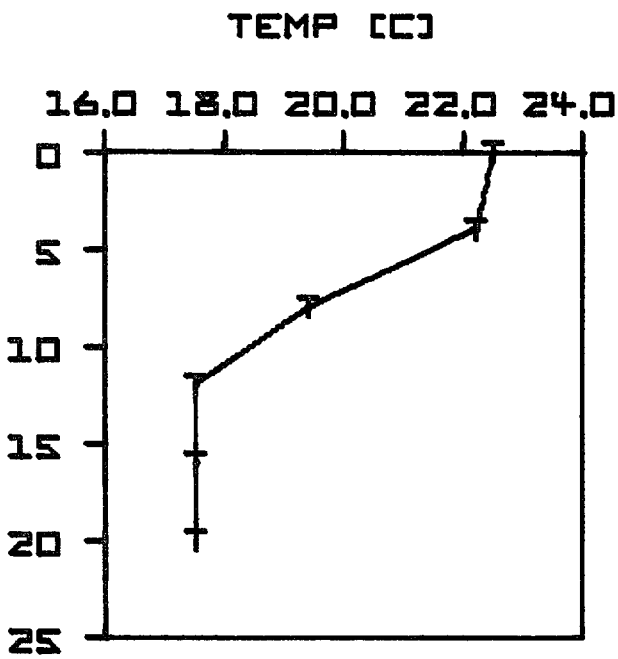
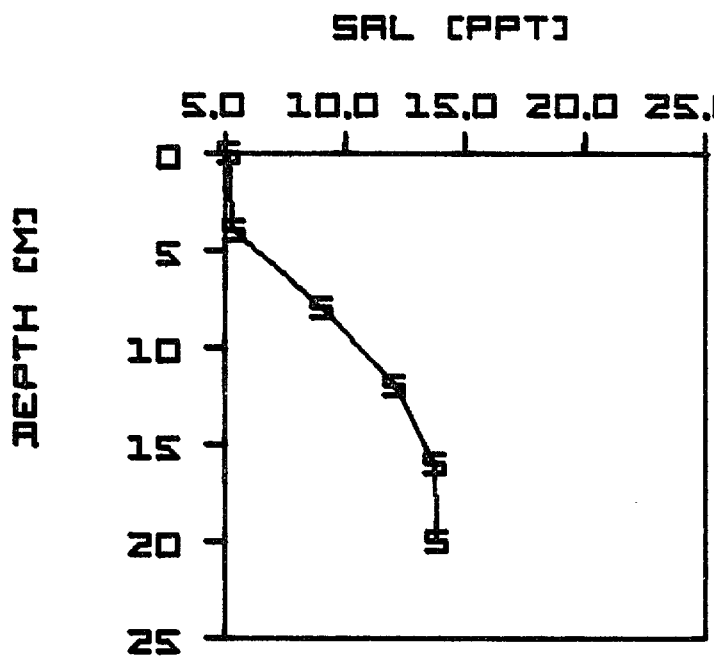
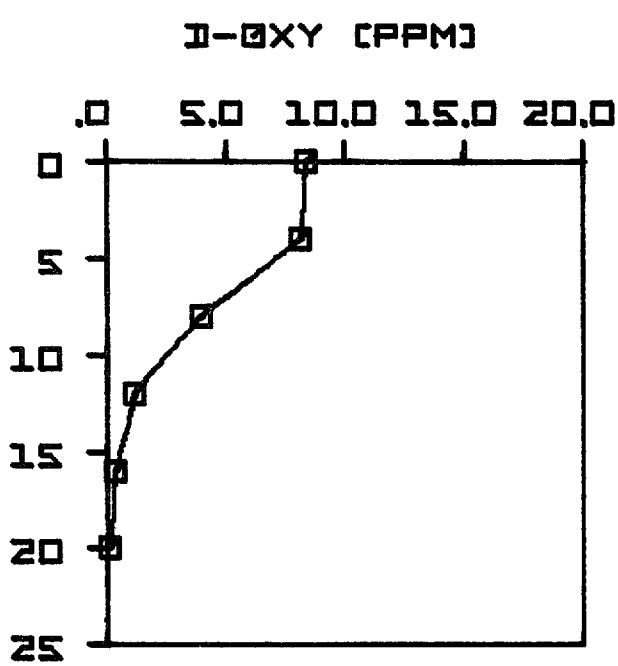
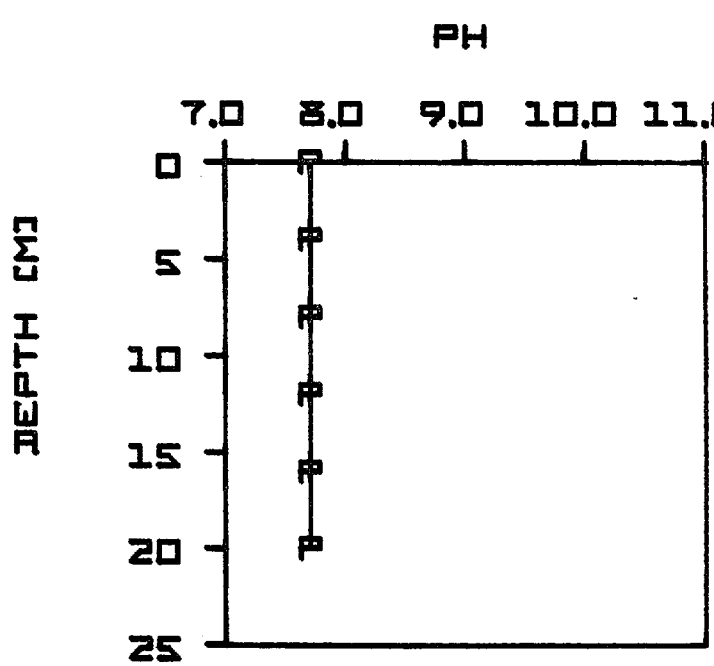
STATION NUMBER 11C
DATE 06/12/1974



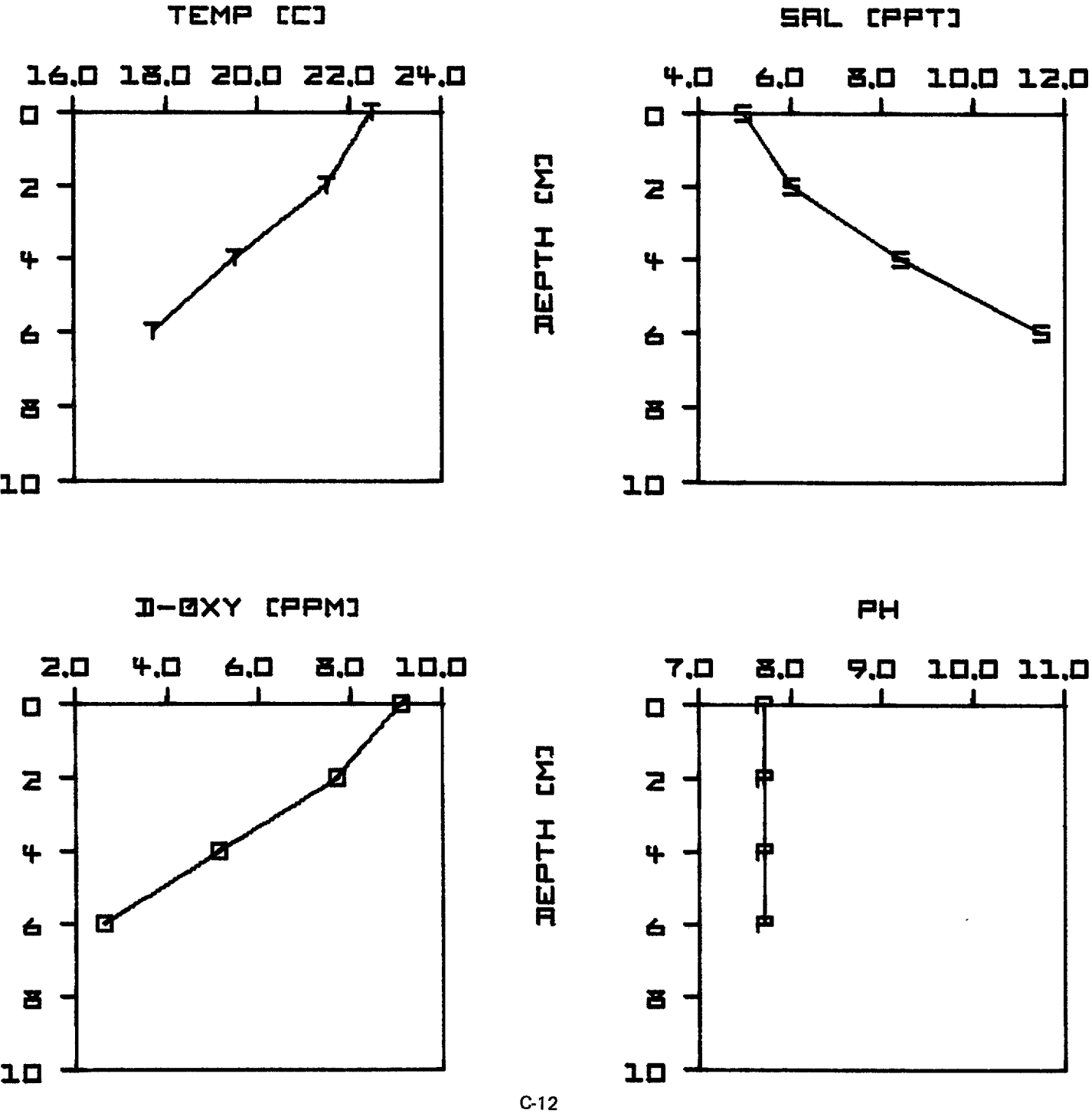



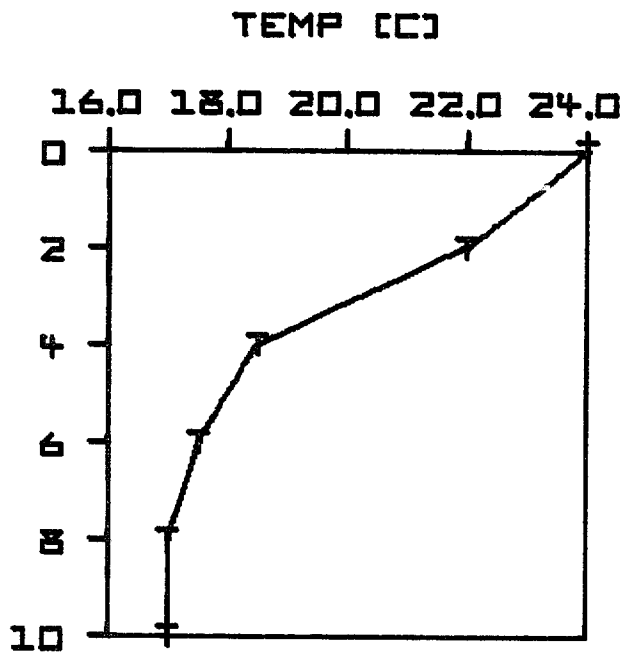
# U. B. SURVEY

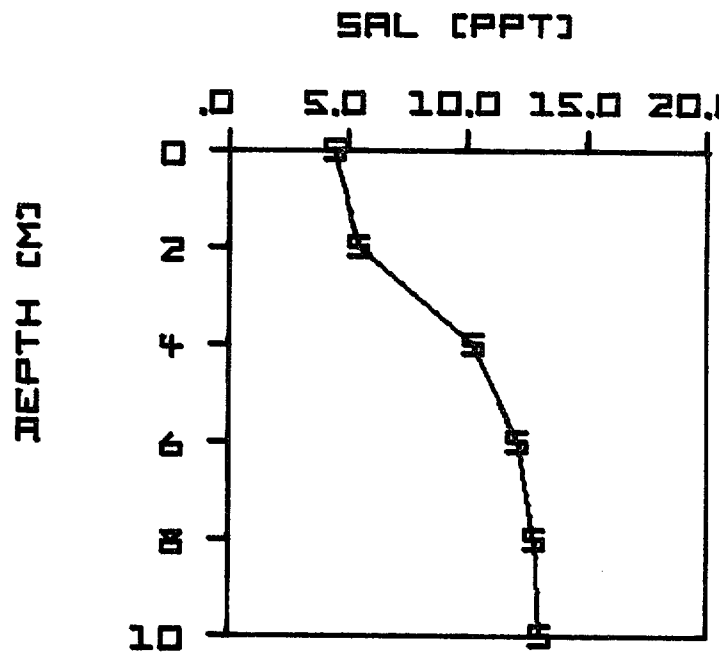
SAMPLE NUMBER 47
STATION NUMBER 11A
DATE 06/12/1974

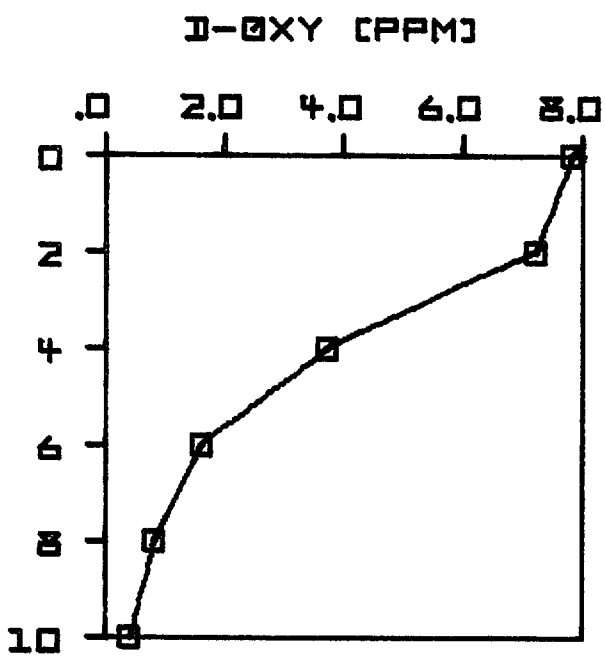


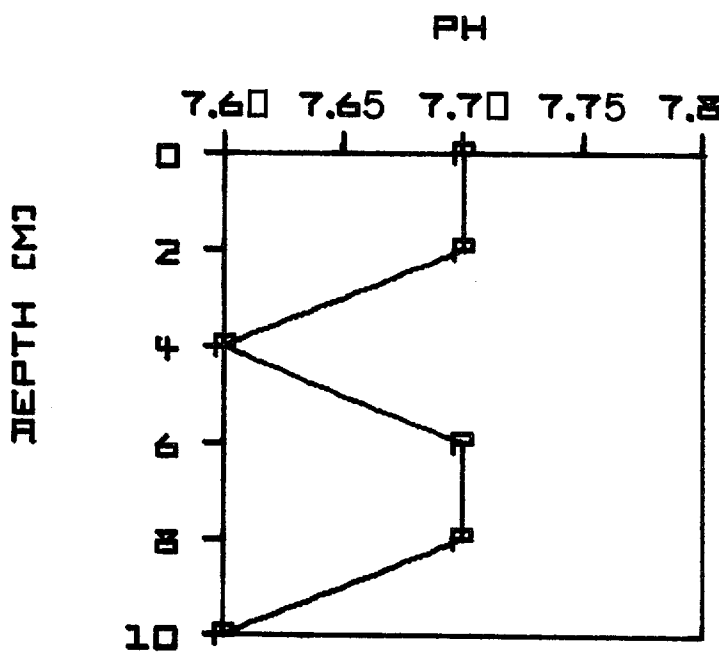
# U. B. SURVEY

SAMPLE NUMBER 48
STATION NUMBER 106
DATE 06/12/1974



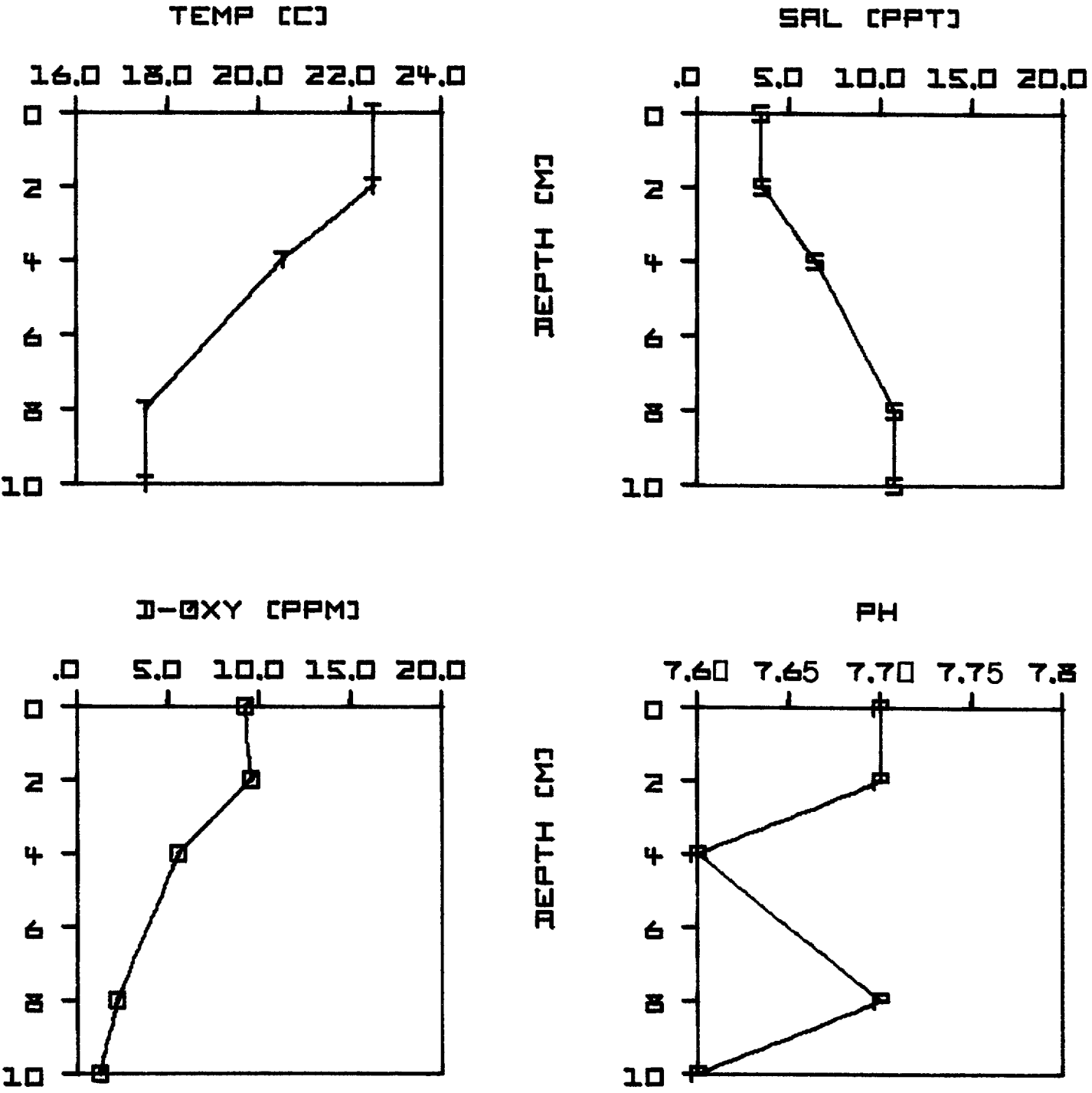



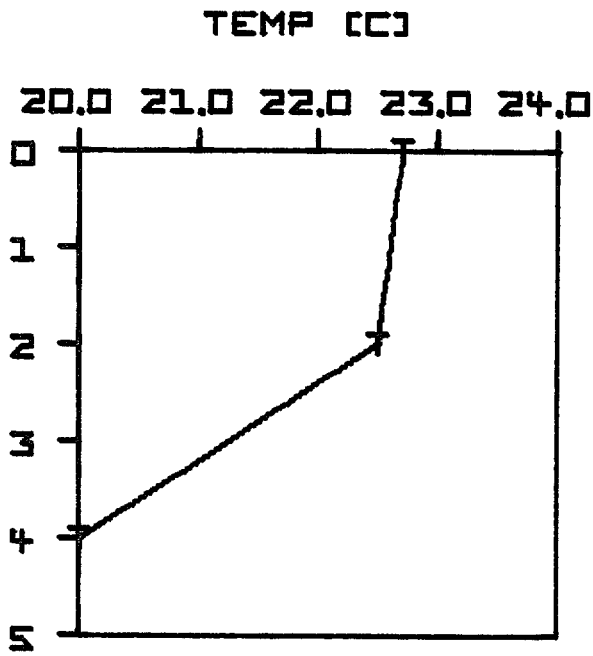
# U. B. SURVEY

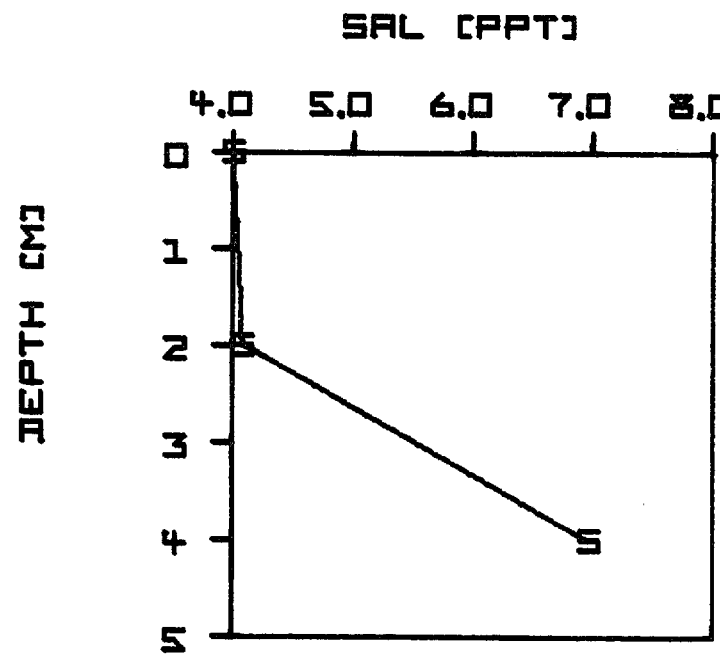
SAMPLE NUMBER 49
STATION NUMBER 8C
DATE 06/12/1974

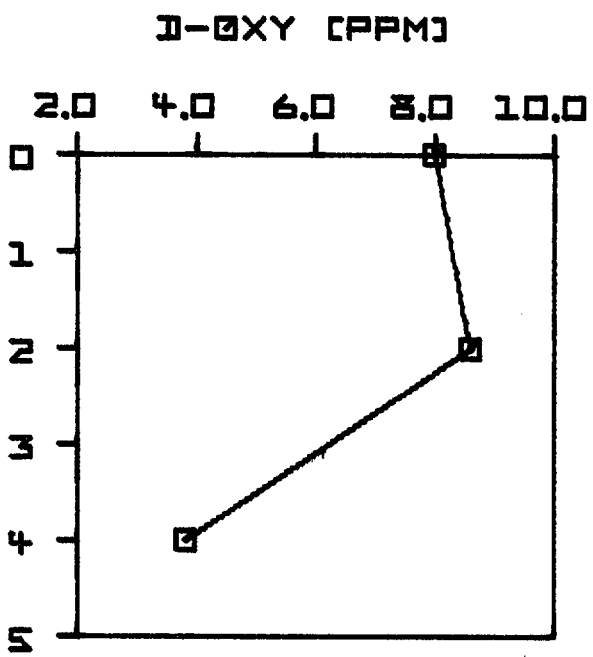


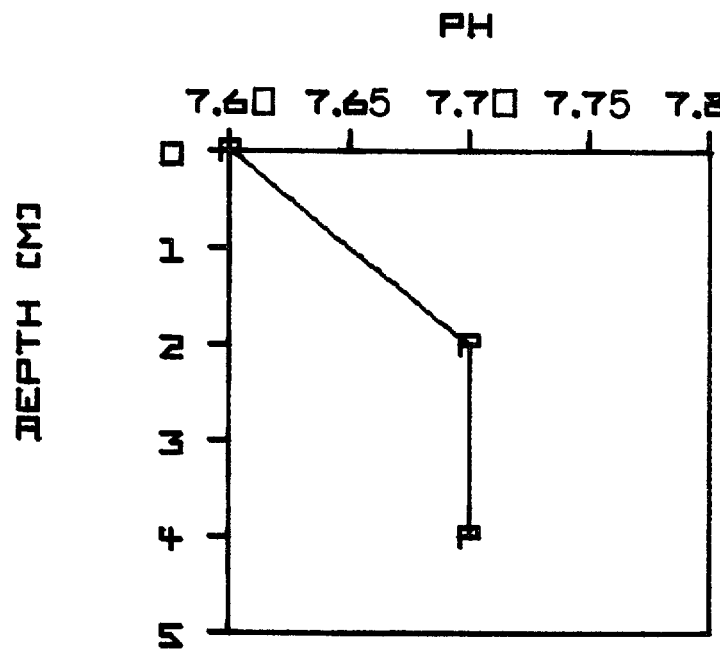
# U. B. SURVEY

SAMPLE NUMBER 50
STATION NUMBER 86
DATE 06/12/1974



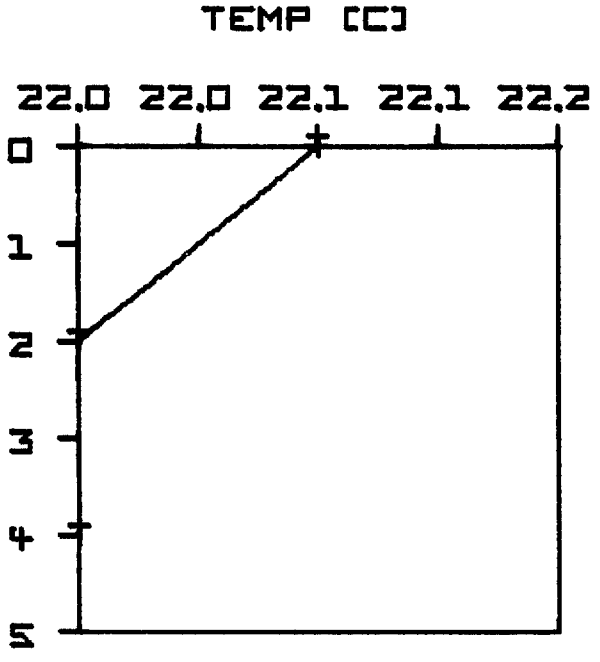



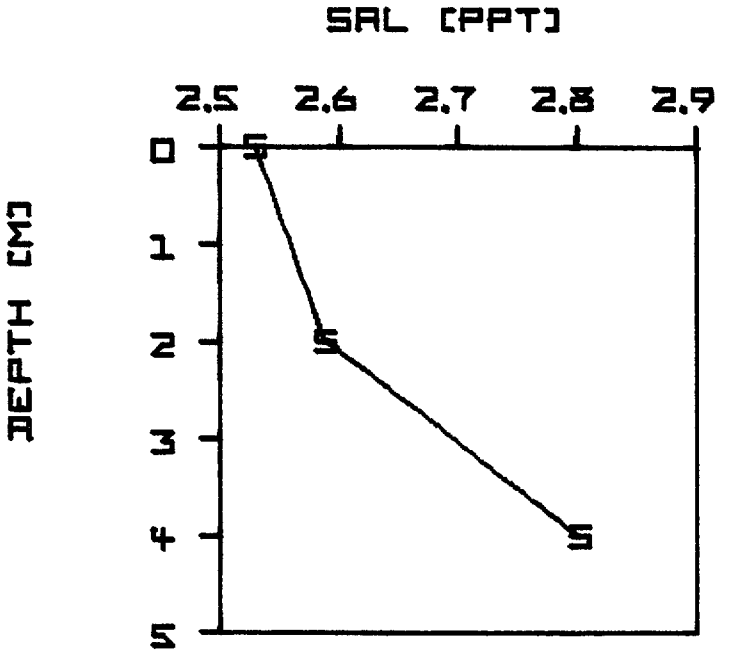



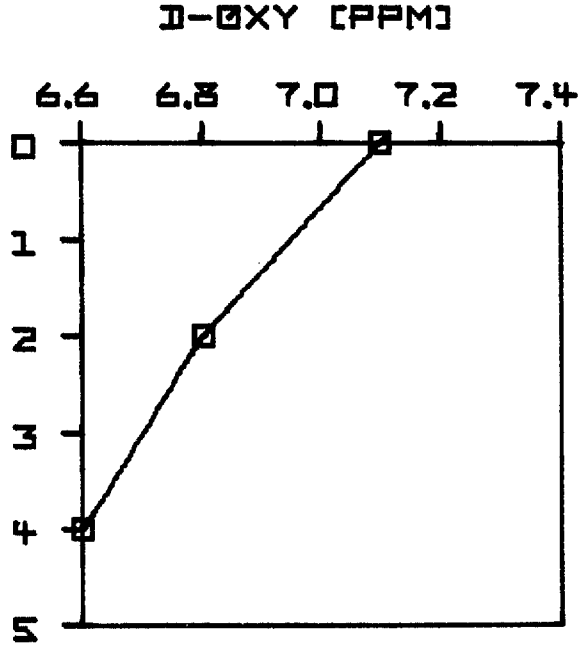



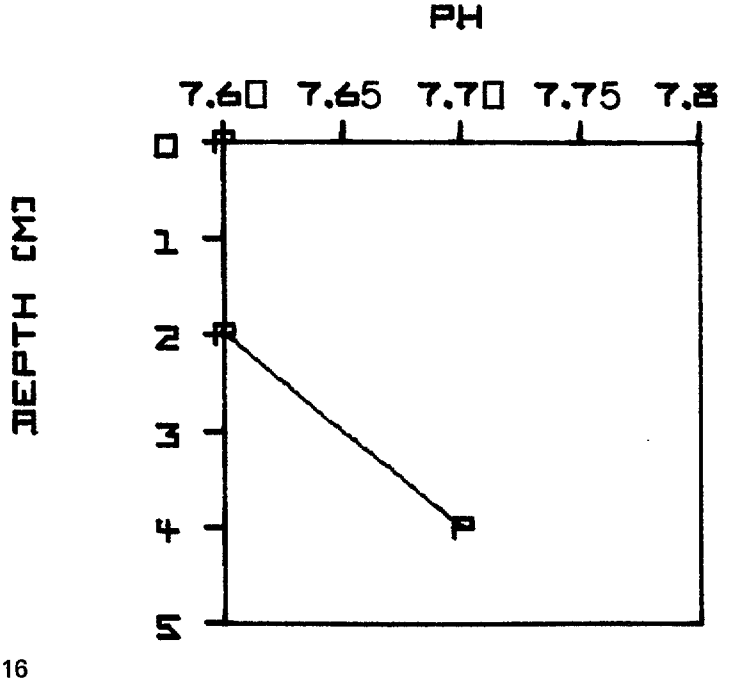
# U. B. SURVEY

SAMPLE NUMBER 52
STATION NUMBER 5A
DATE 06/13/1974



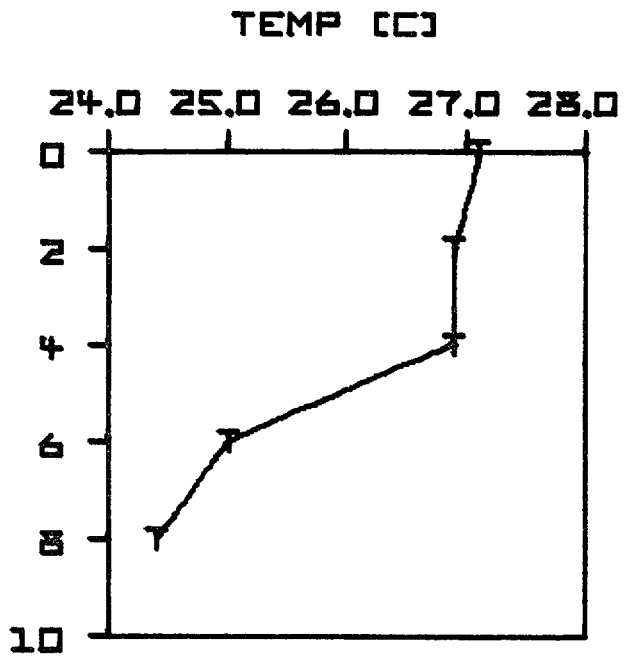



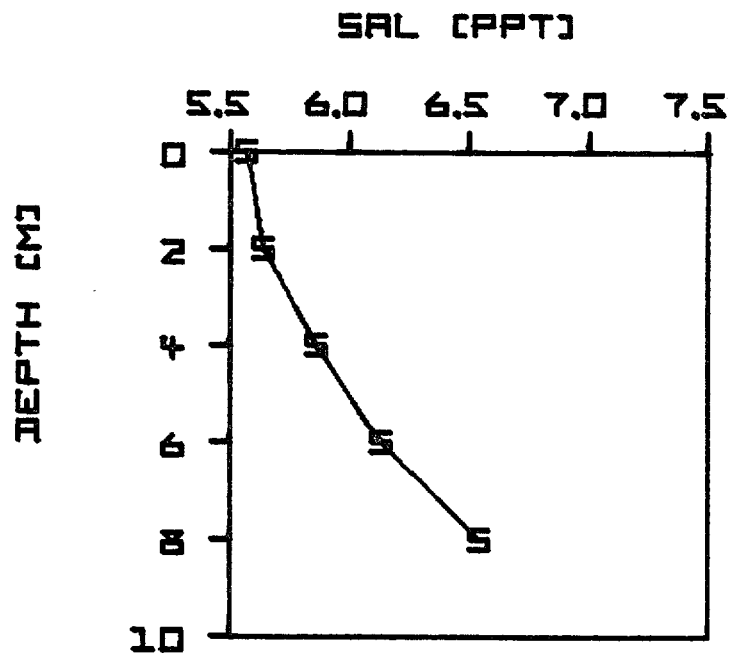



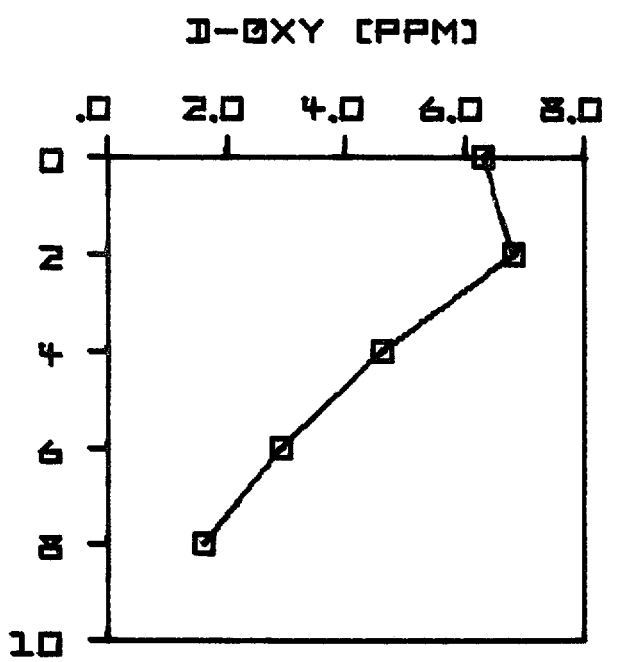



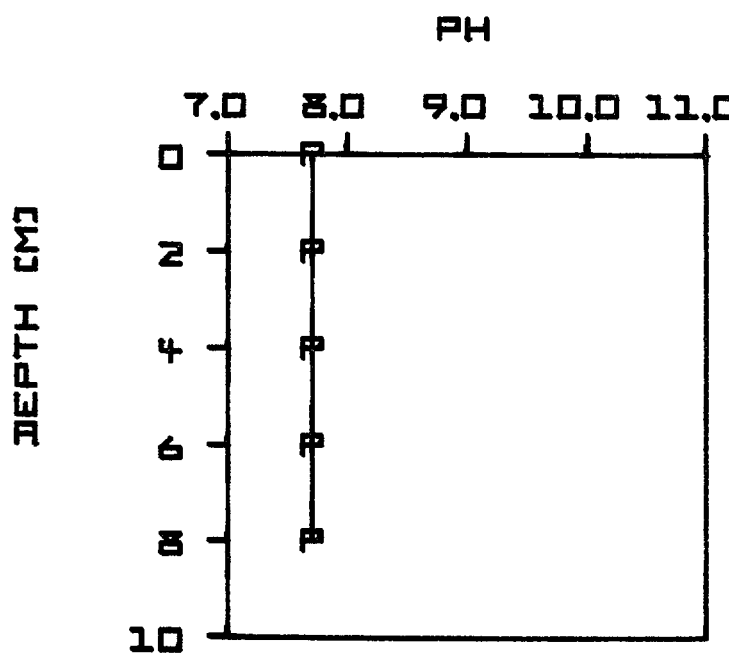
# U. B. SURVEY

SAMPLE NUMBER 55
STATION NUMBER 78
DATE 07/08/1974



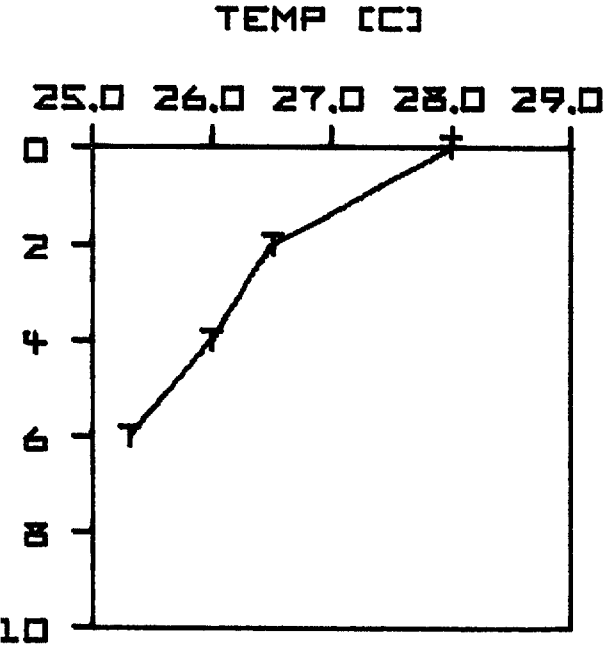



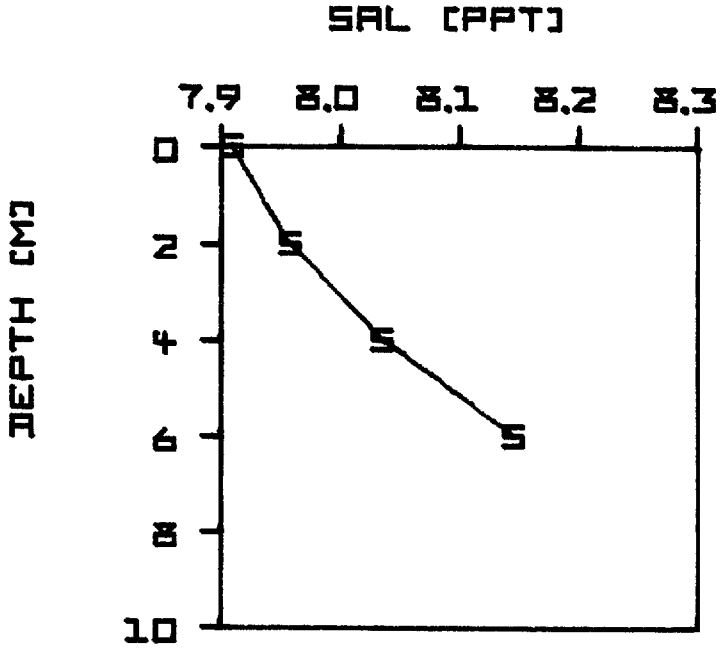



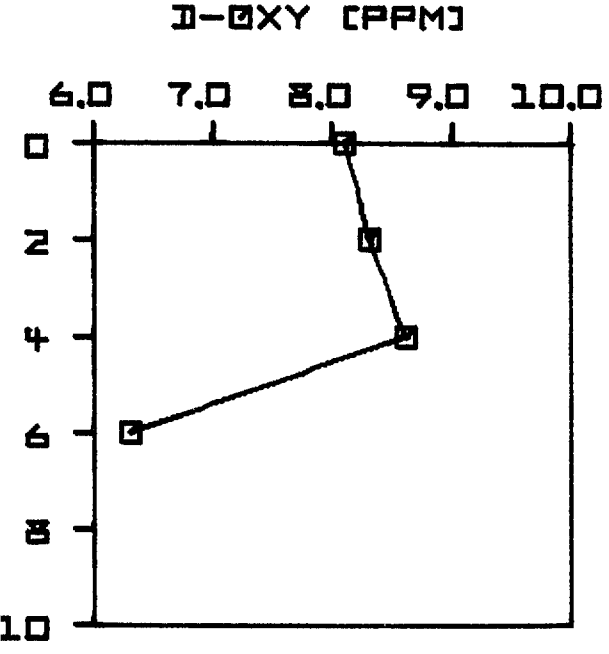



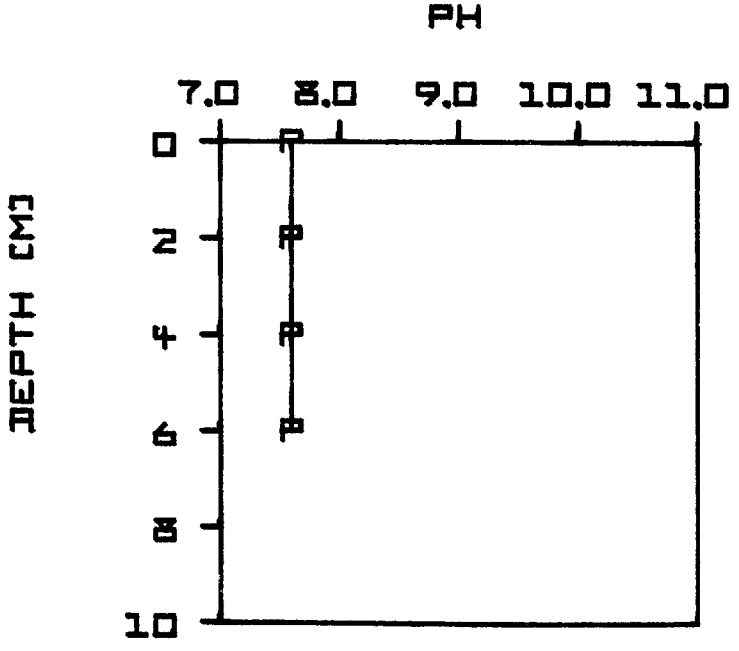
# U. B. SURVEY

SAMPLE NUMBER 56
STATION NUMBER 11D
DATE 07/08/1974



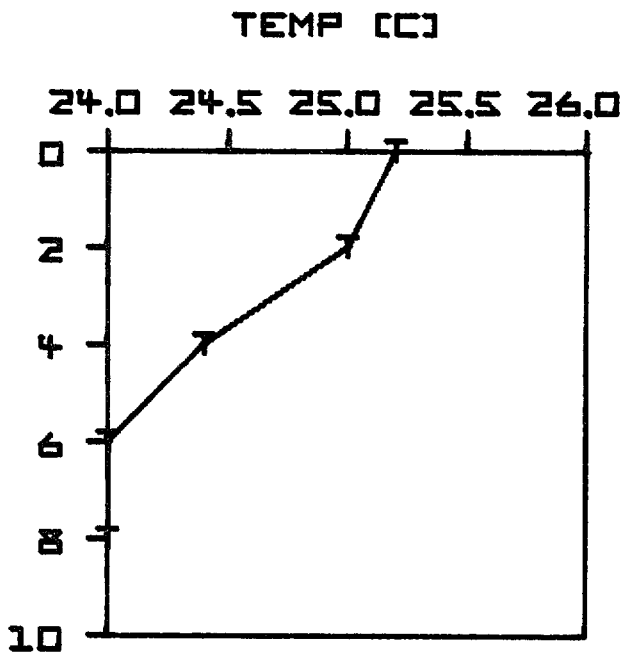



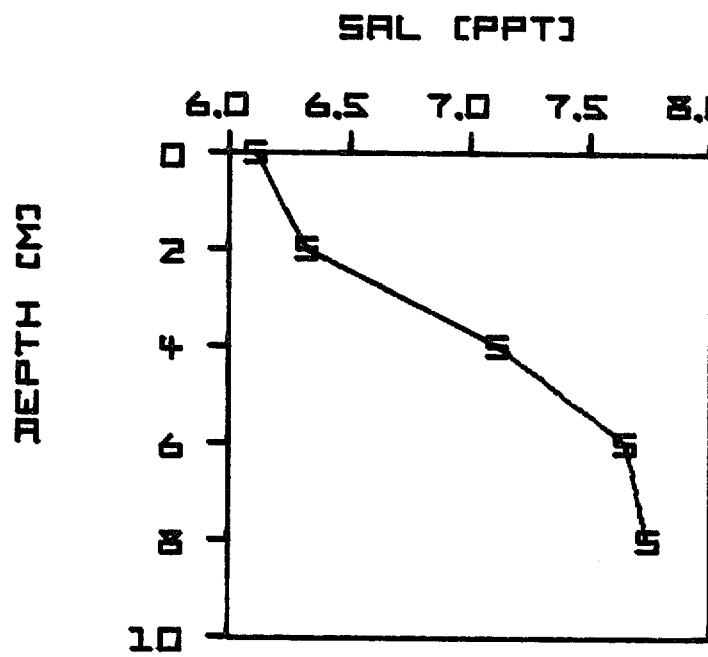



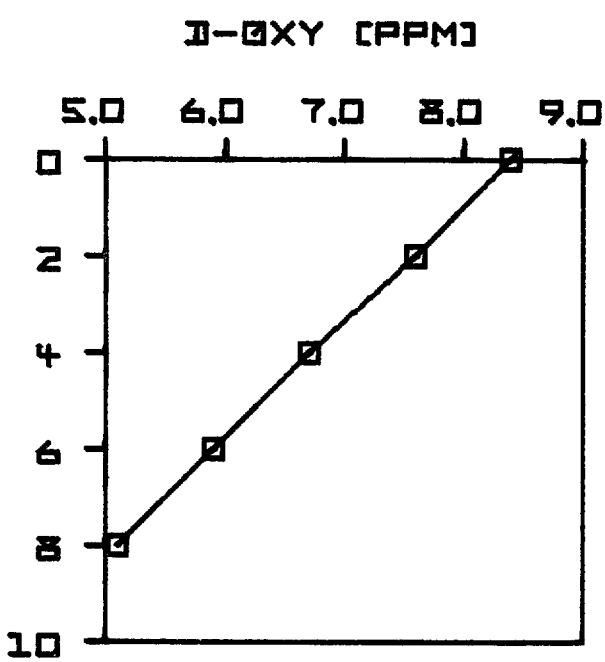



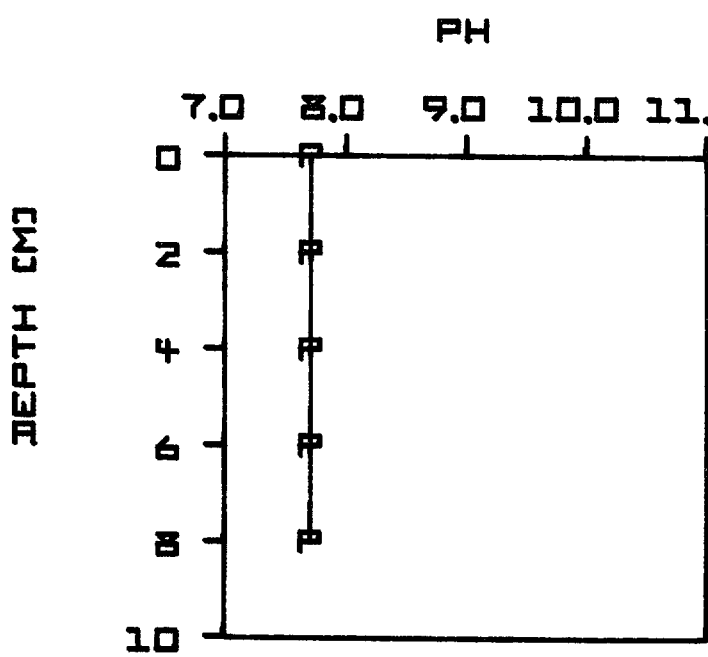
# U. B. SURVEY

SAMPLE NUMBER 58
STATION NUMBER 11A
DATE 07/09/1974



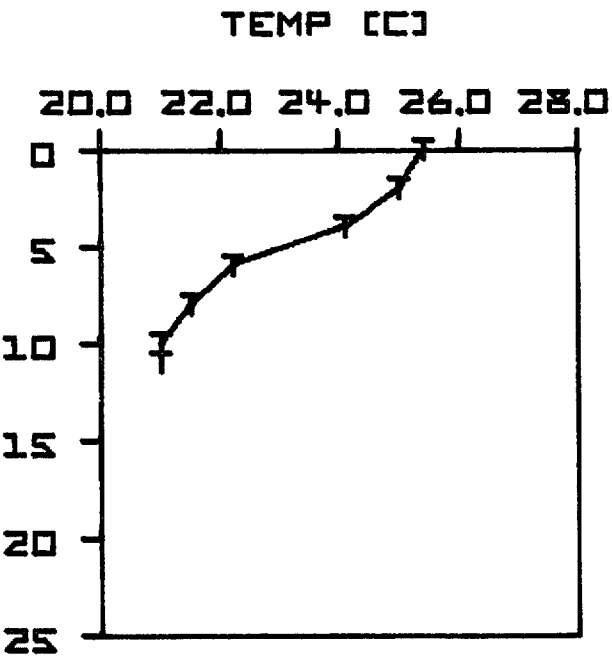



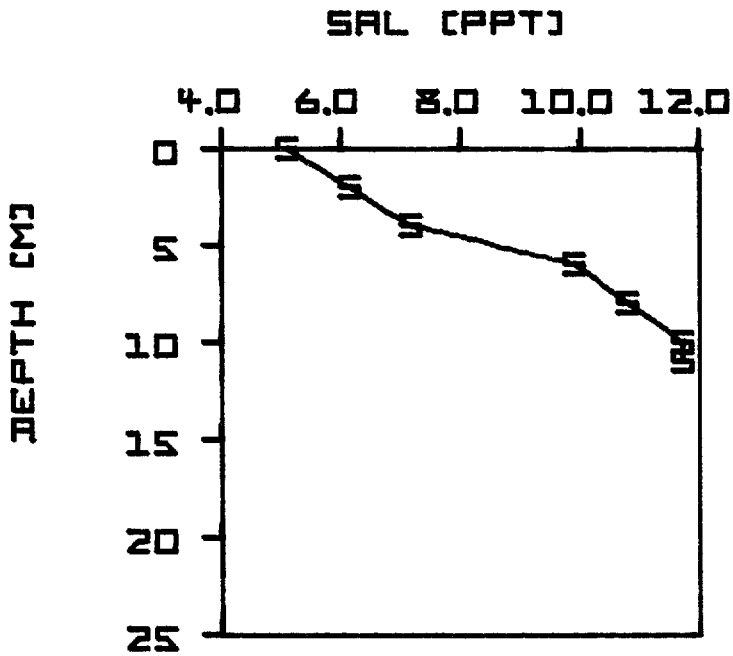



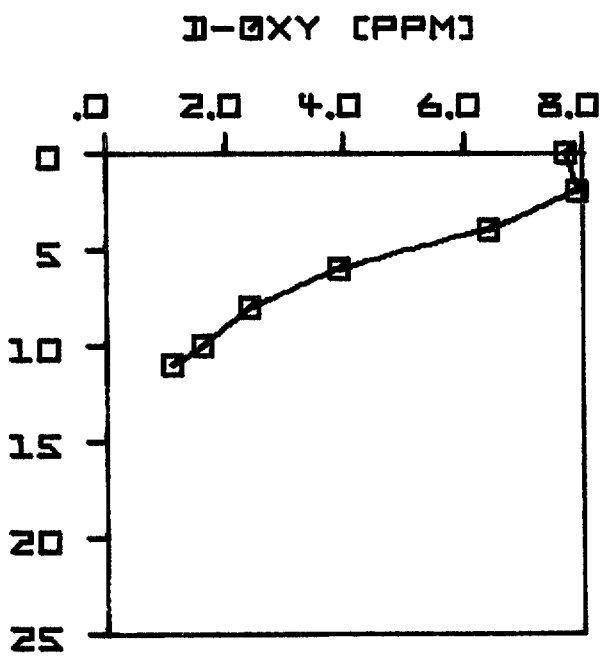



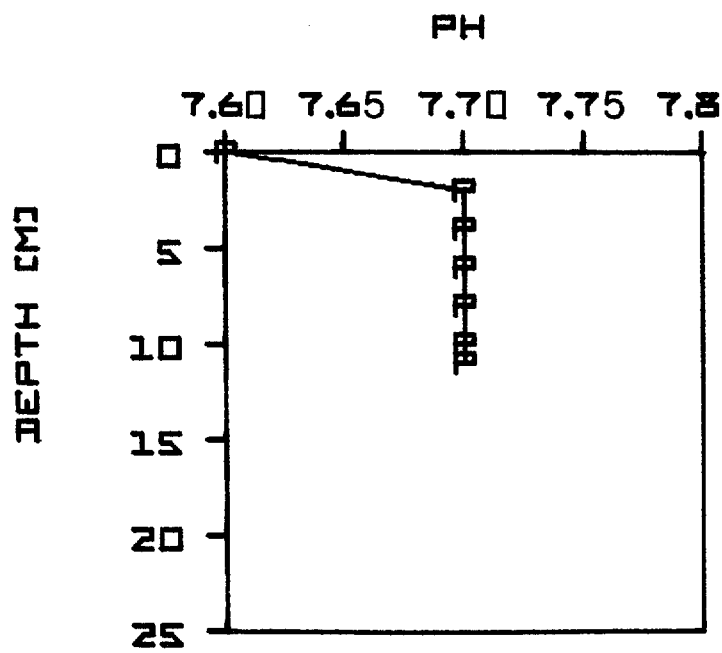
# U. B. SURVEY

SAMPLE NUMBER 59
STATION NUMBER 108
DATE 07/09/1974



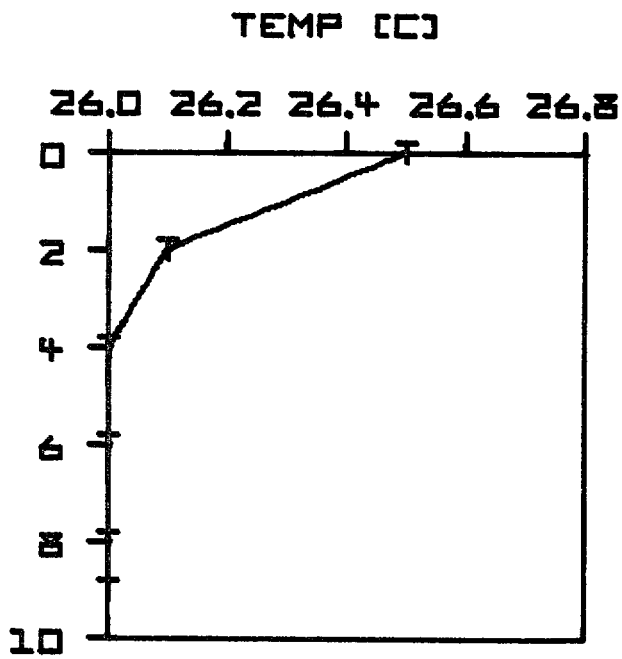



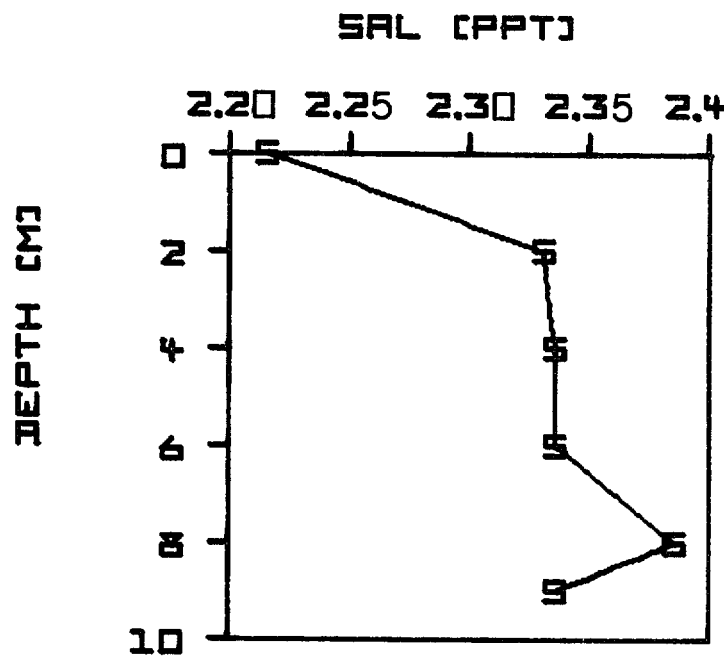



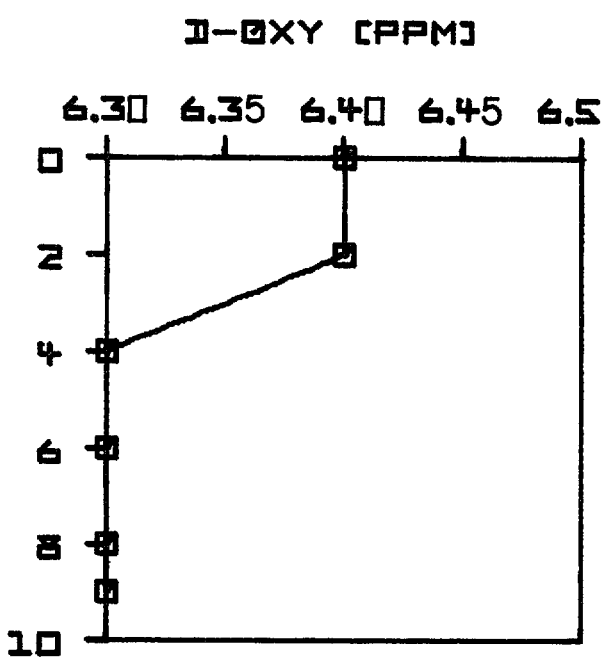



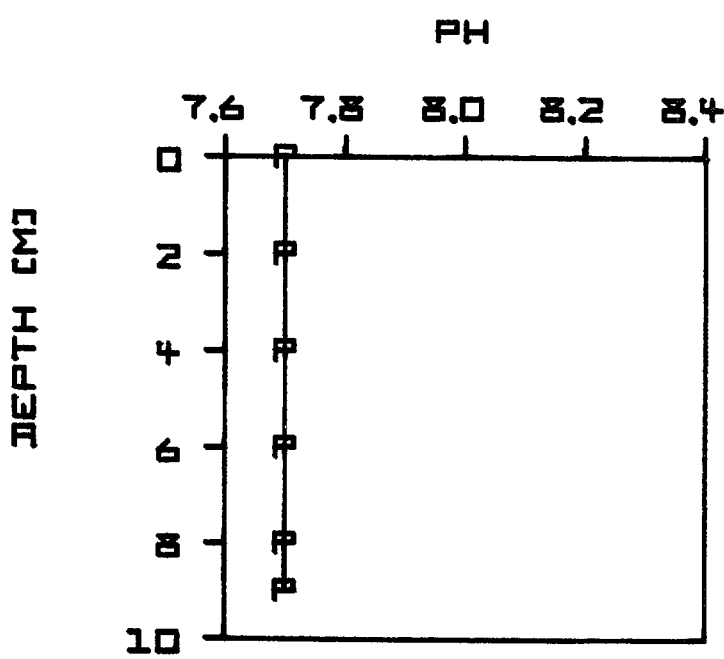
# U. B. SURVEY

SAMPLE NUMBER 61
STATION NUMBER 5A
DATE 07/09/1974



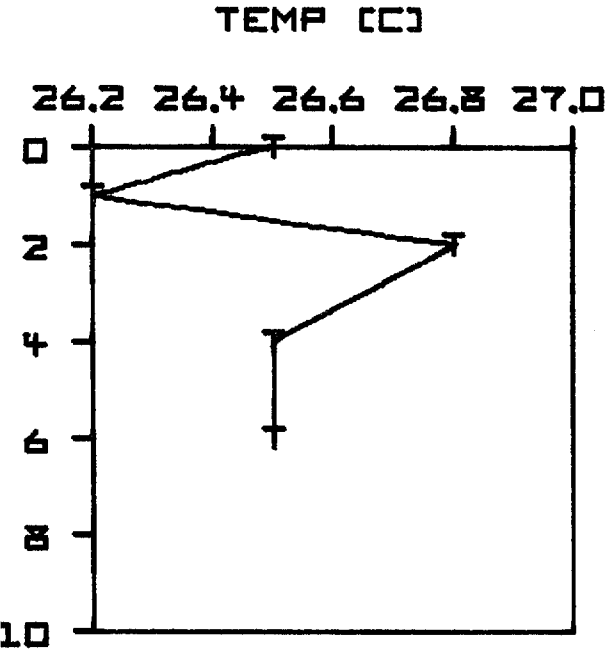



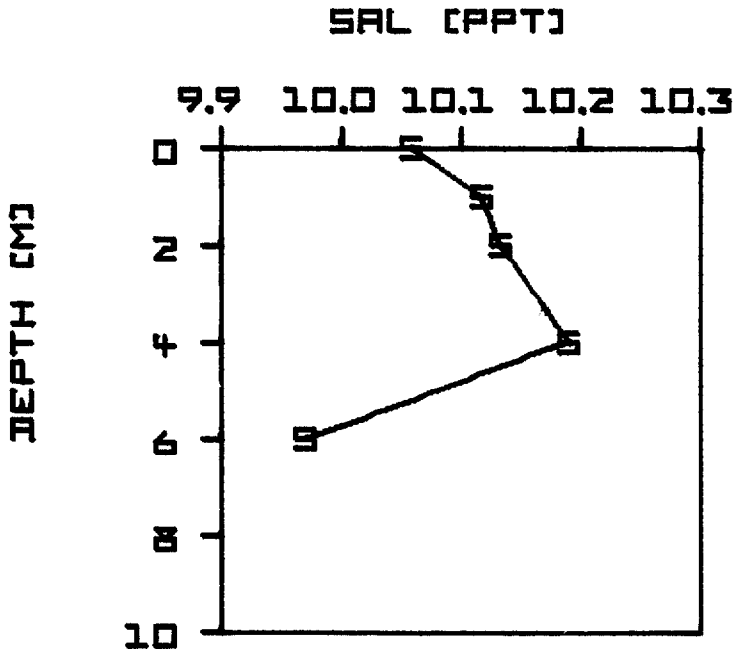



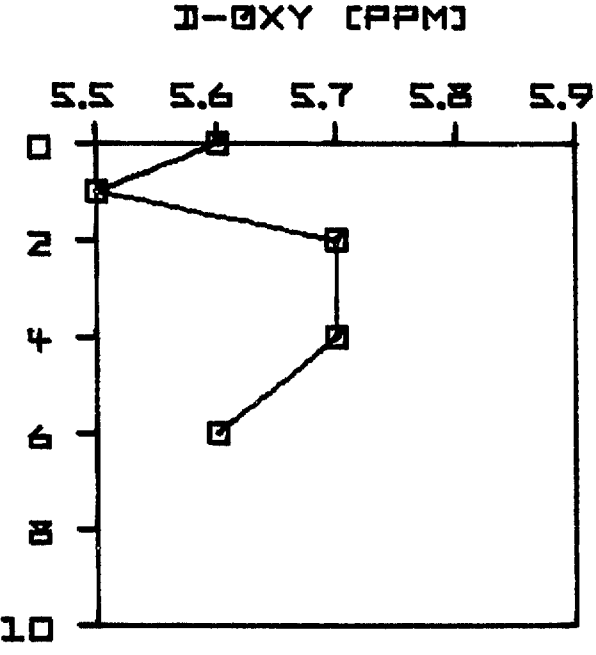



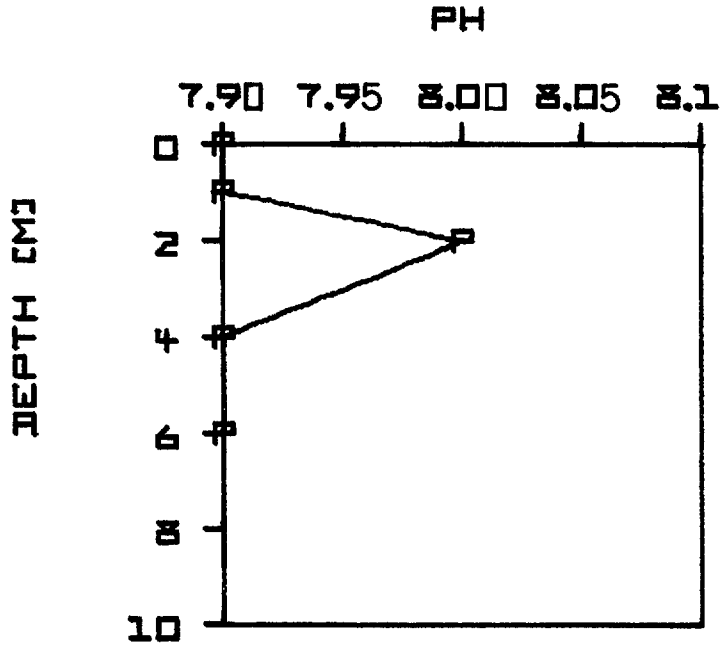
# U. B. SURVEY

SAMPLE NUMBER 64
STATION NUMBER 11D
DATE 09/18/1974



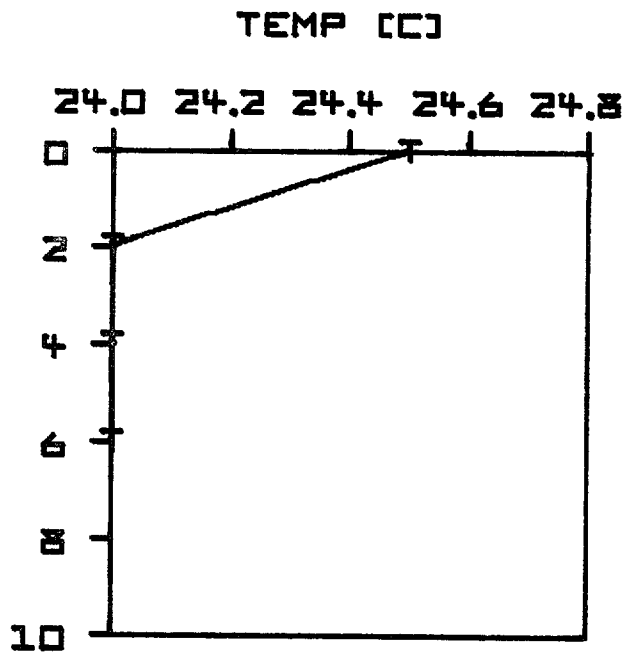



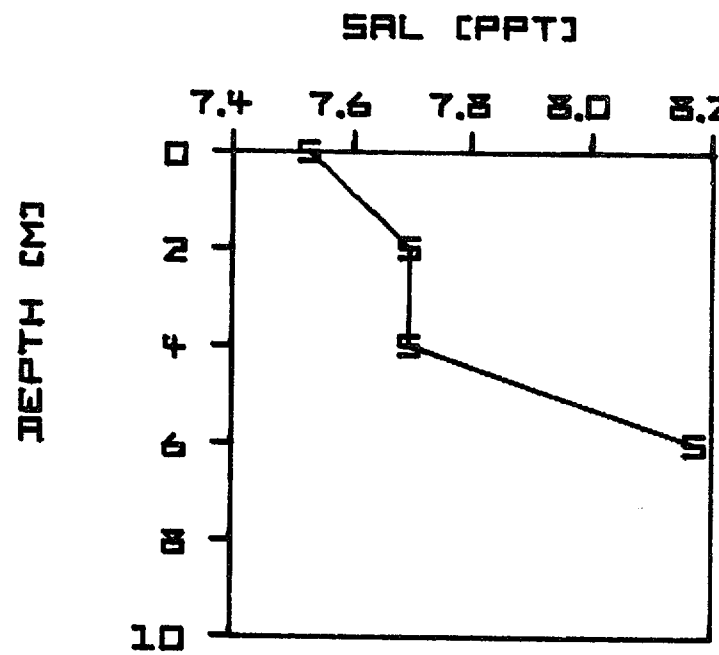



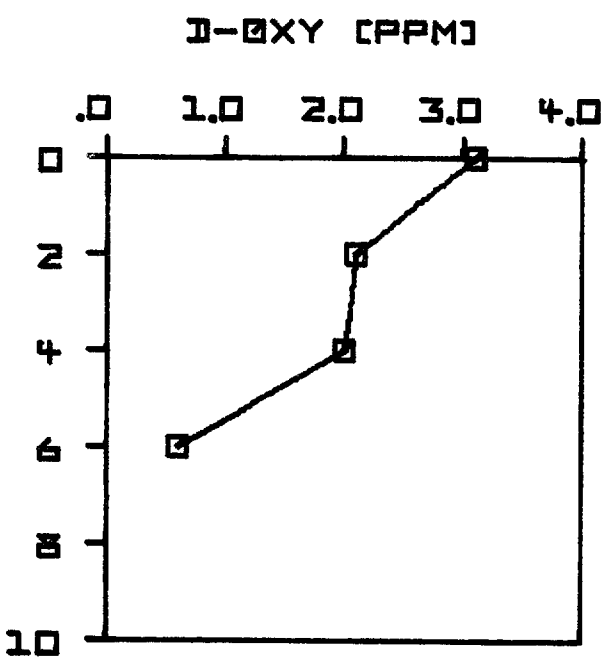



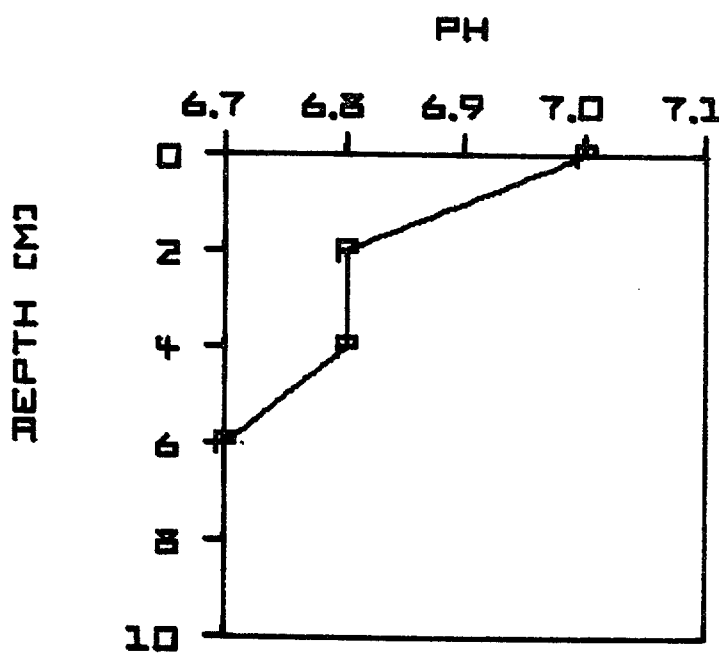
# U. B. SURVEY

SAMPLE NUMBER 65
STATION NUMBER 78
DATE 09/18/1974



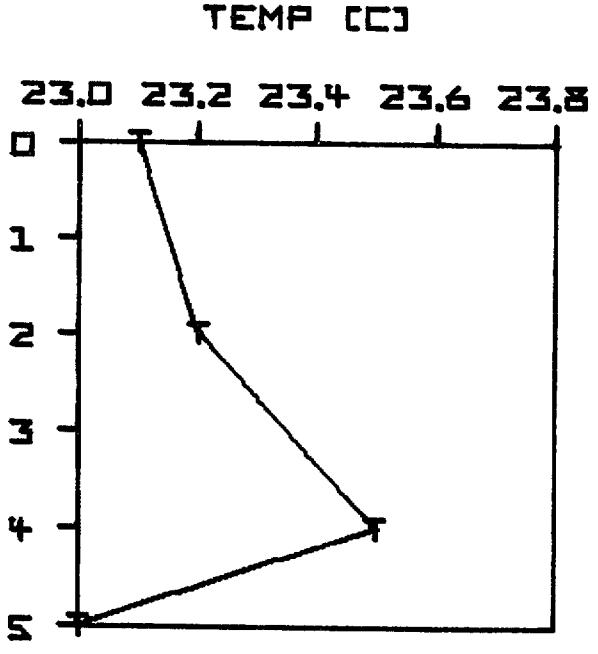



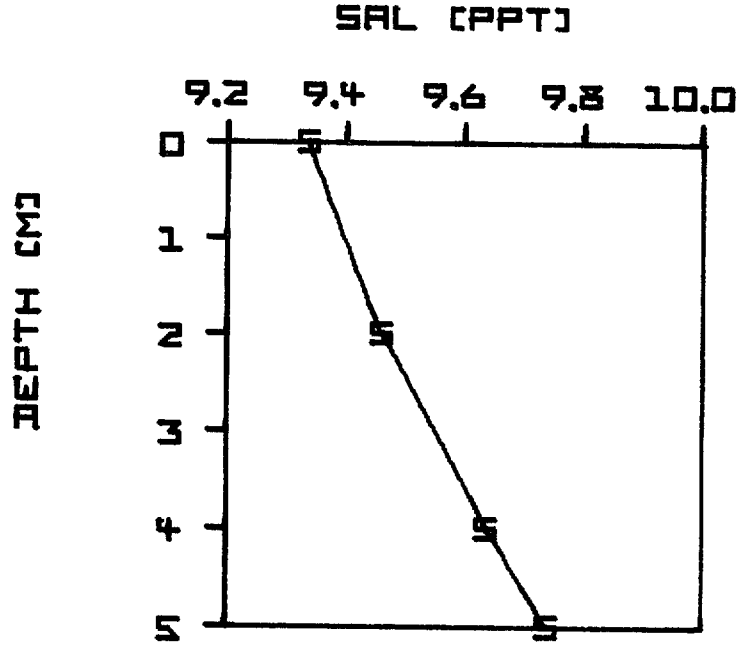



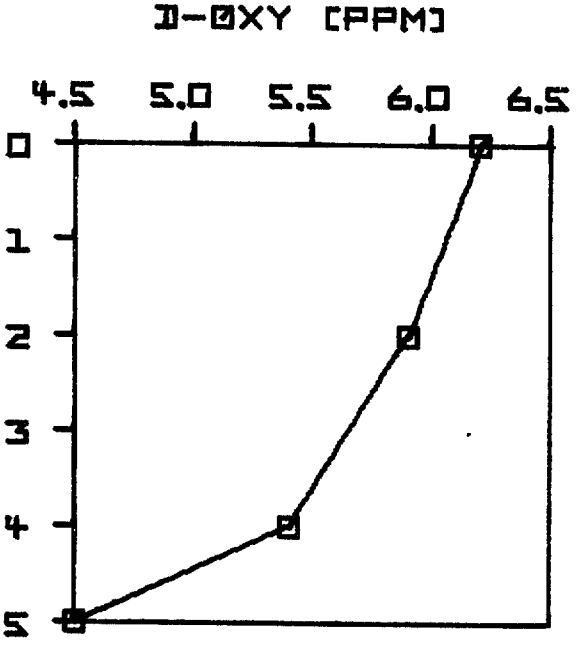



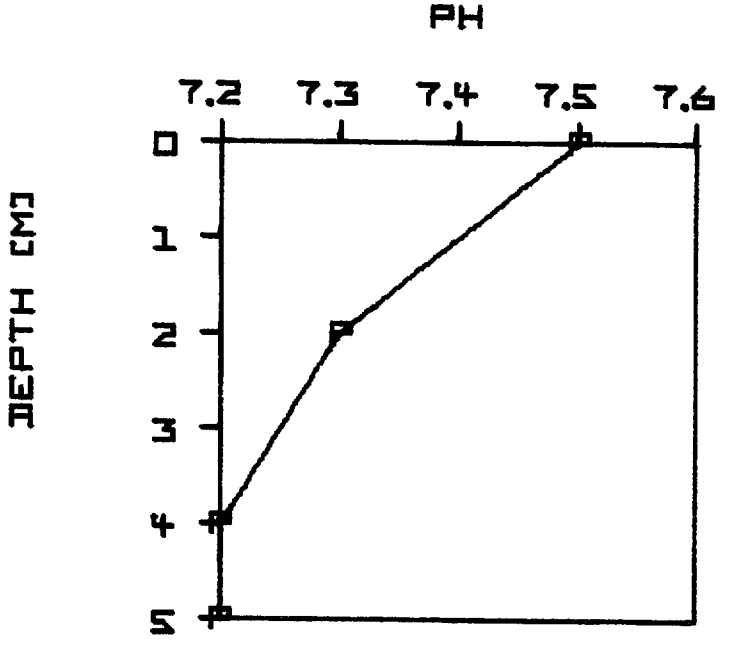
# U. B. SURVEY

SAMPLE NUMBER 66
STATION NUMBER 11A
DATE 09/19/1974



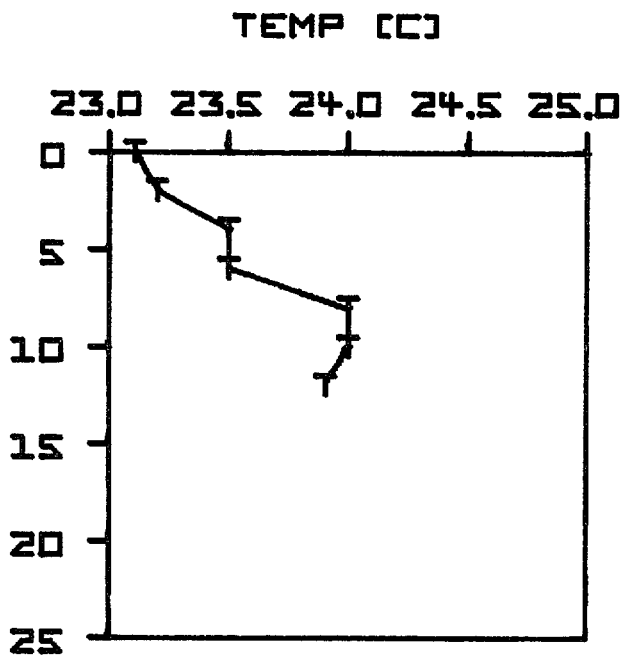



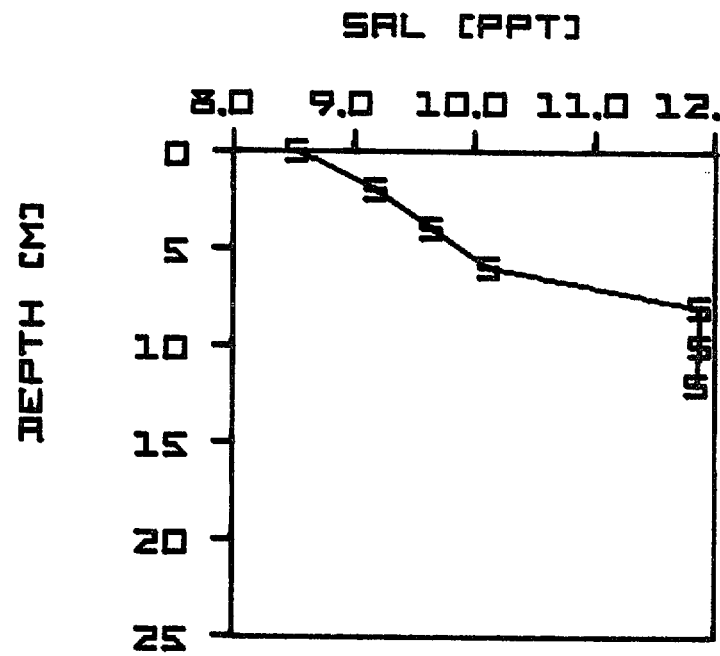



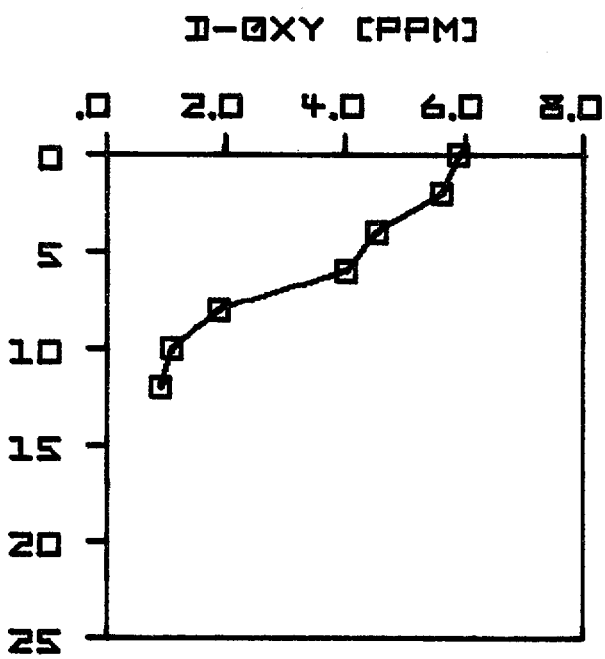



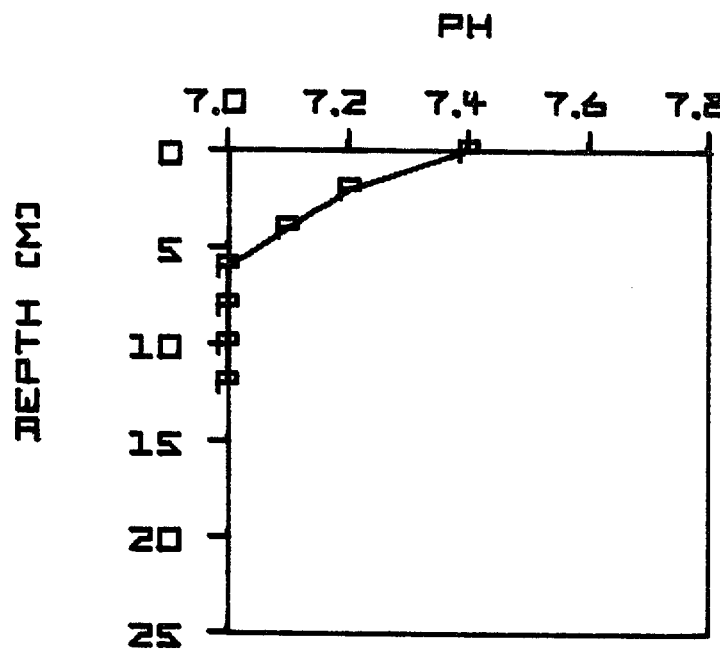
# U. B. SURVEY

SAMPLE NUMBER 68
STATION NUMBER 106
DATE 09/19/1974



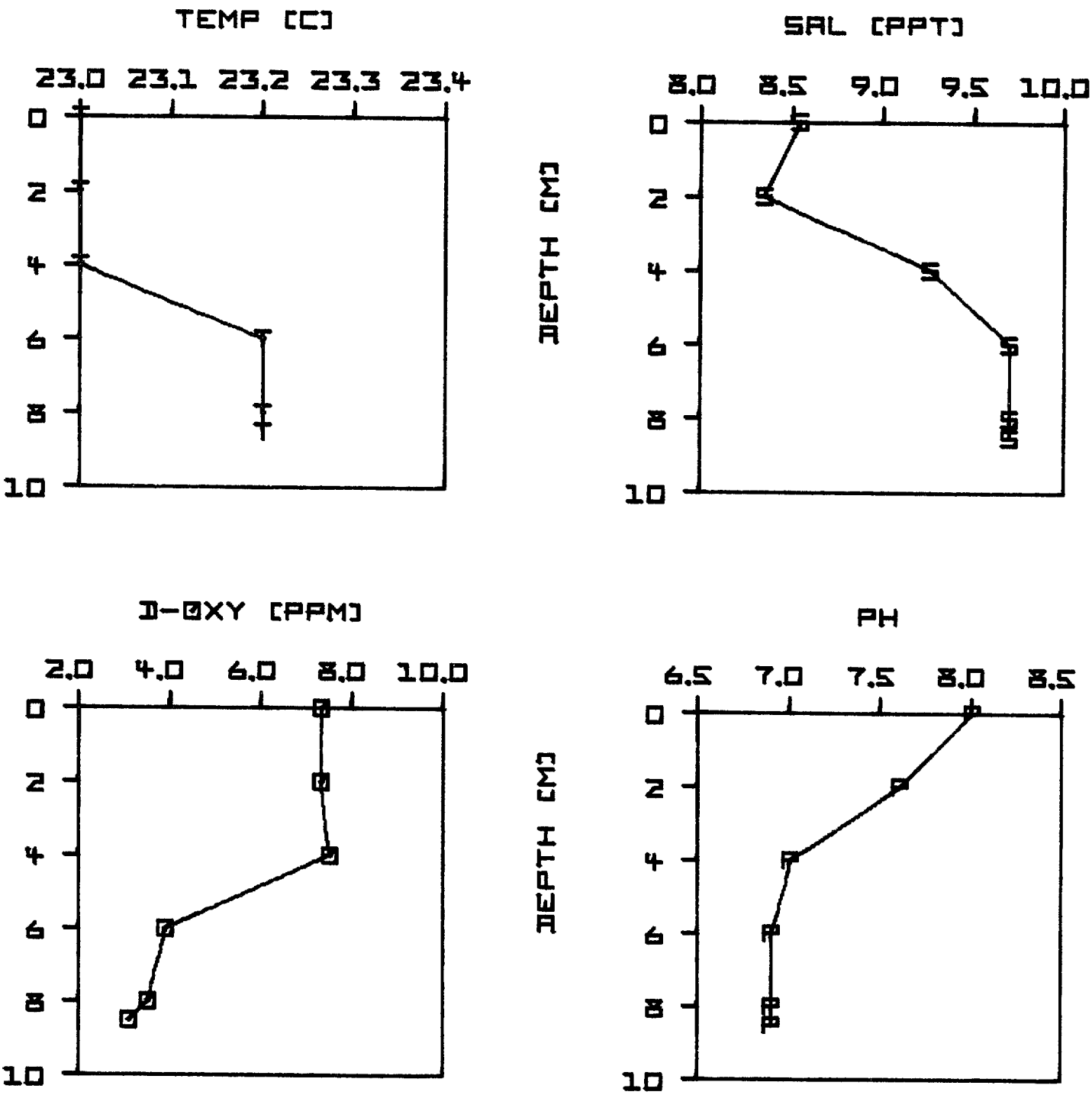



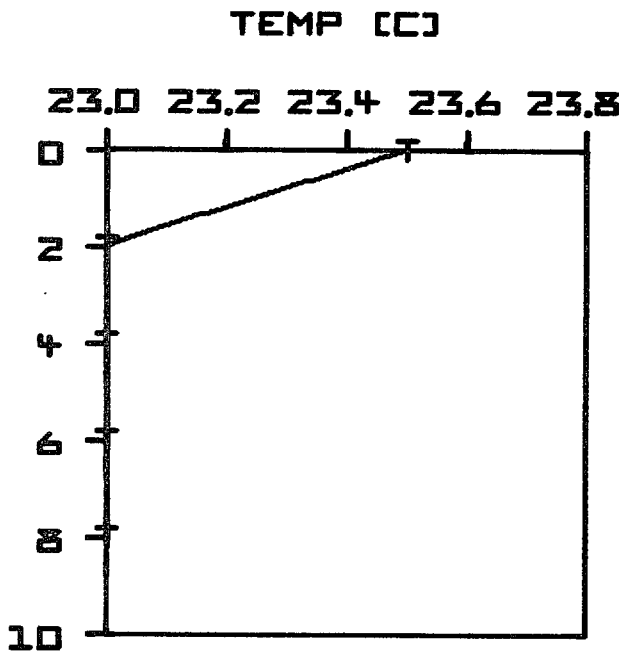
# U. B. SURVEY

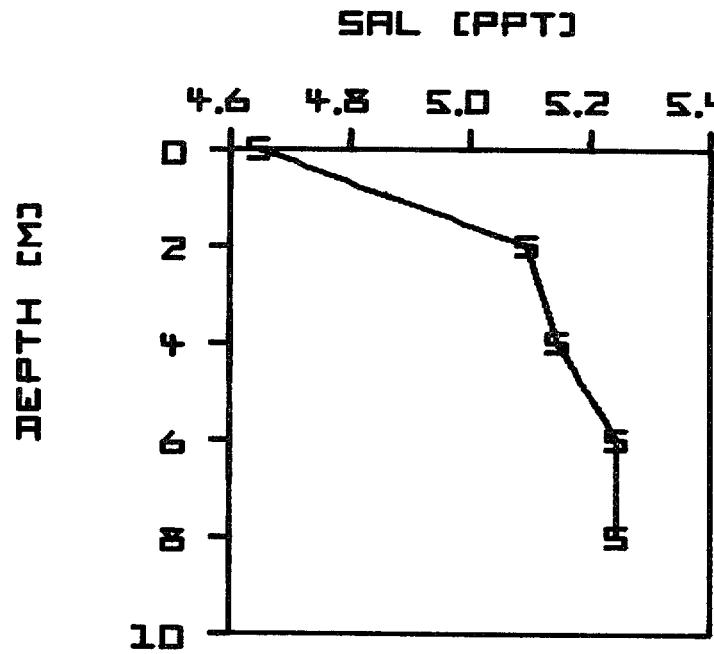
SAMPLE NUMBER 69
STATION NUMBER 8C
DATE 09/19/1974

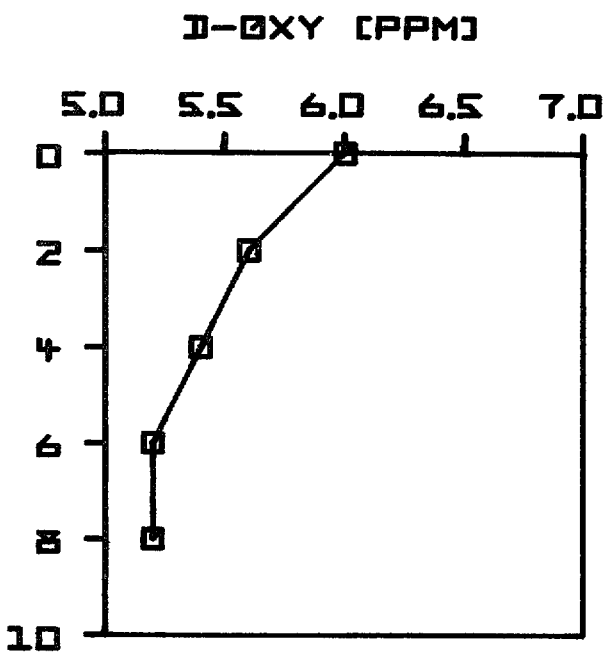


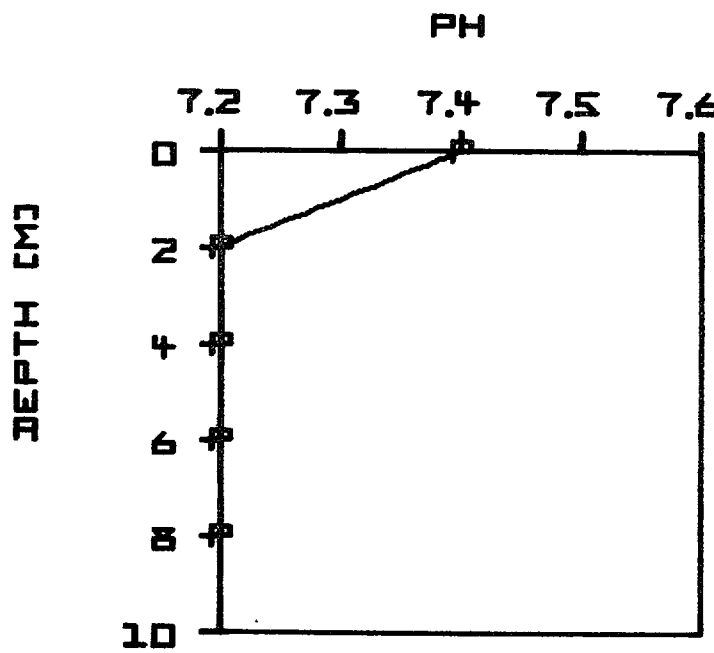
# U. B. SURVEY

SAMPLE NUMBER 70
STATION NUMBER 5A
DATE 09/19/1974



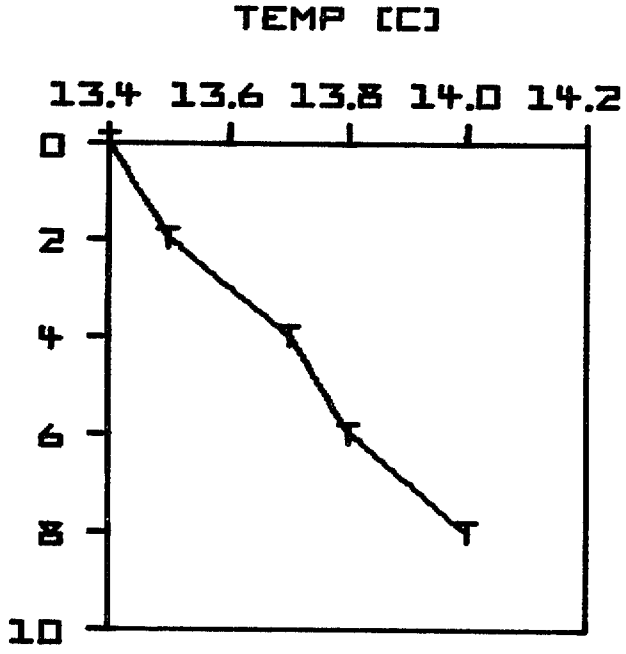



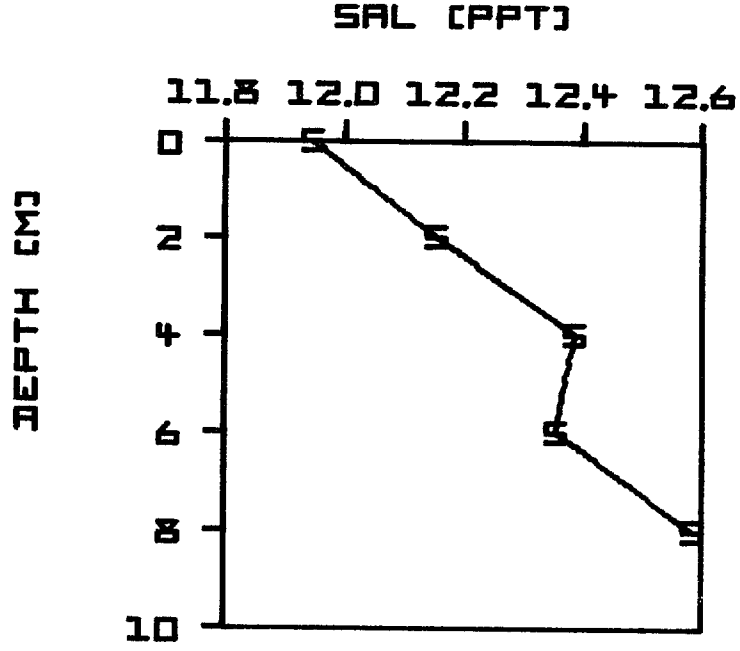



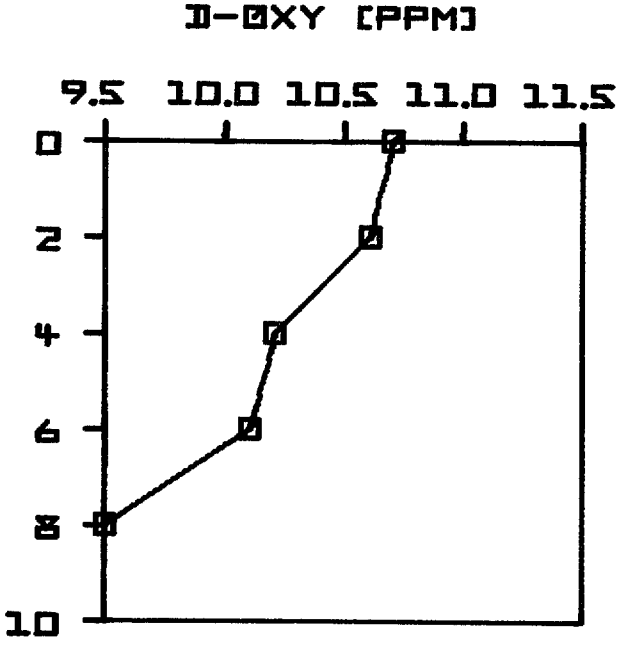



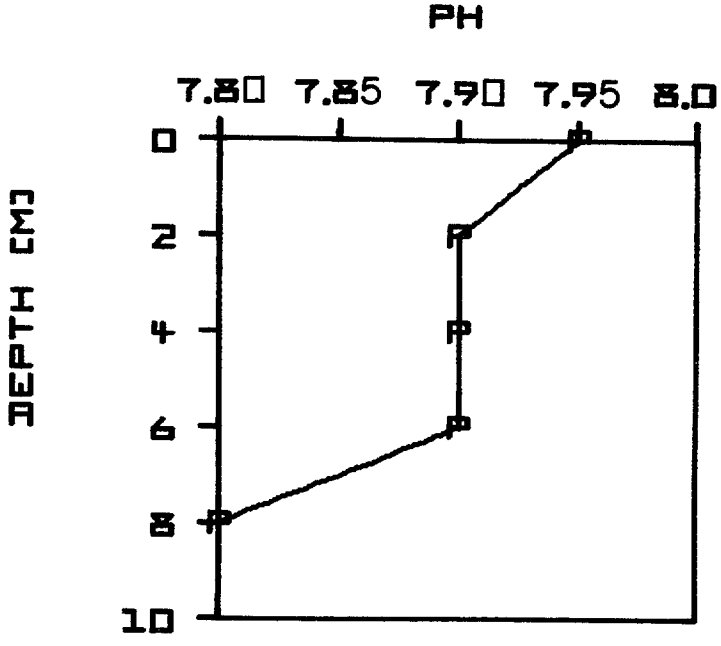
# U. B. SURVEY

SAMPLE NUMBER 73
STATION NUMBER 11A
DATE 10/24/1974



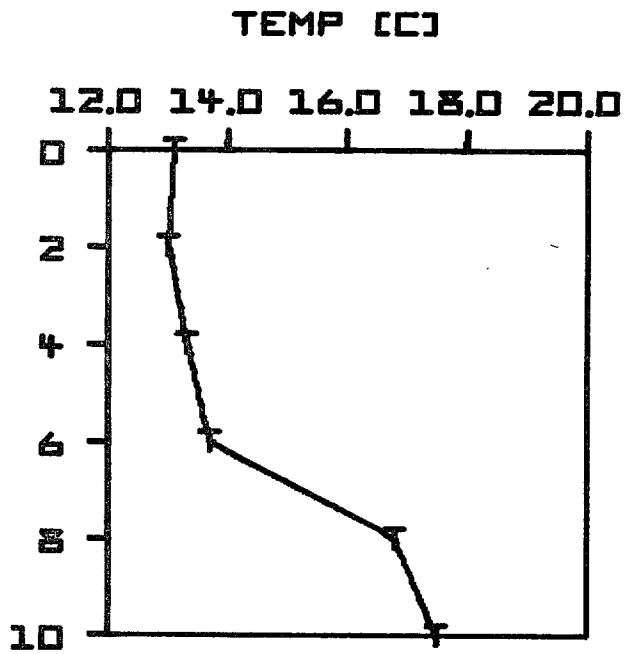



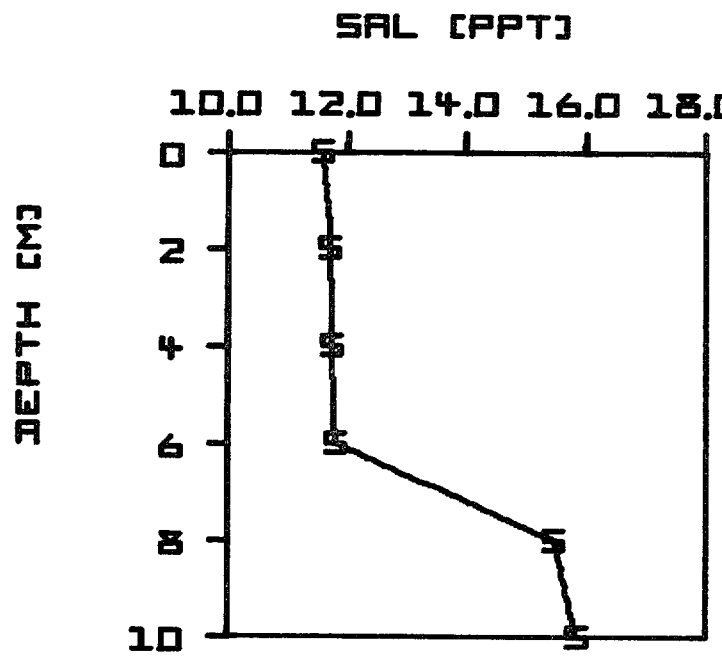



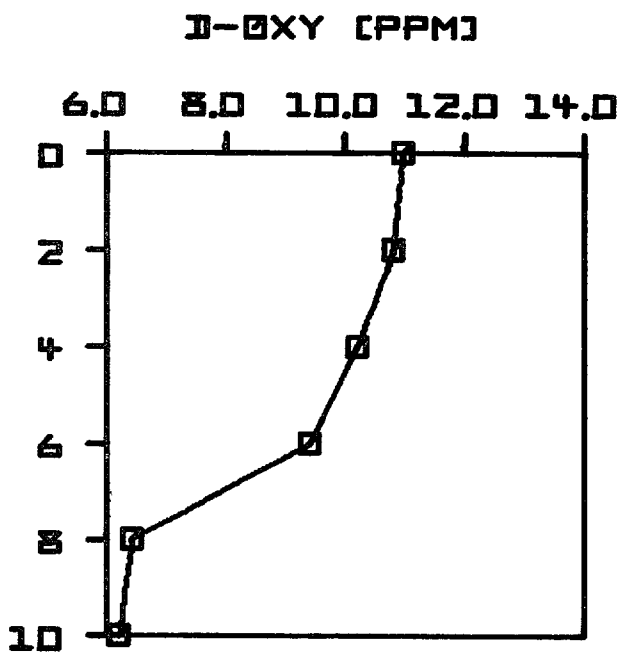



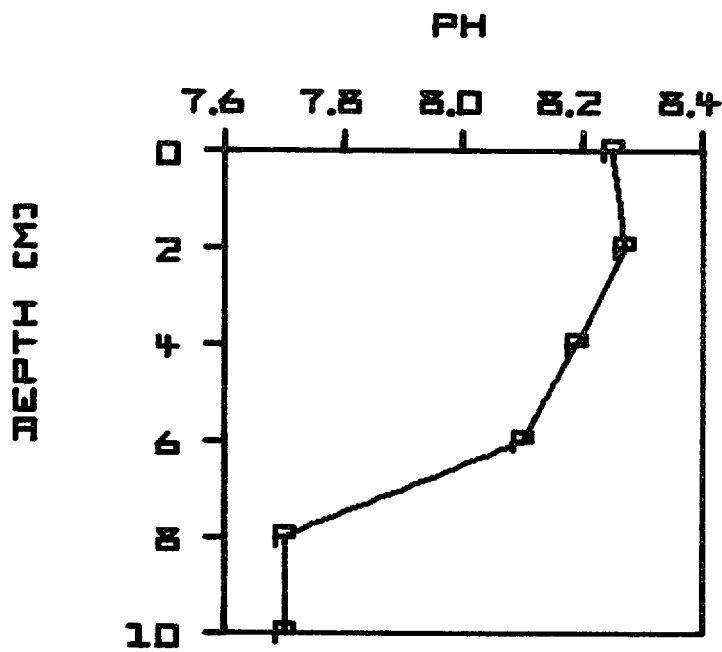
# U. B. SURVEY

SAMPLE NUMBER 75
STATION NUMBER 108
DATE 10/24/1974



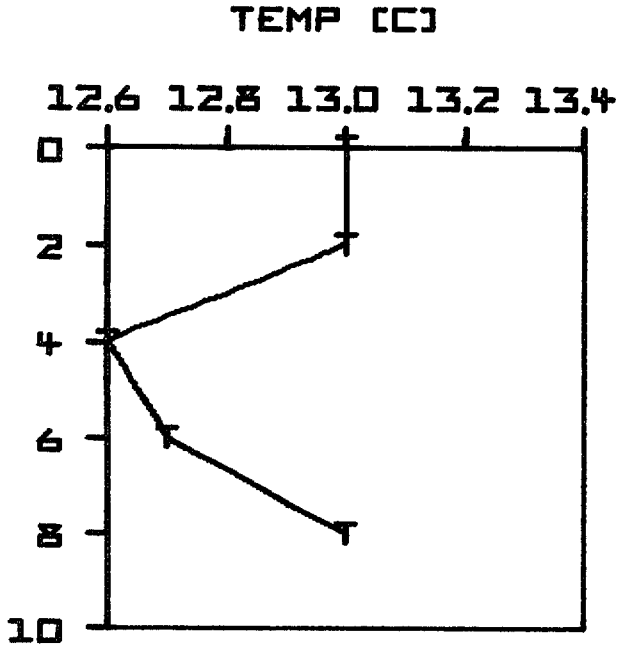



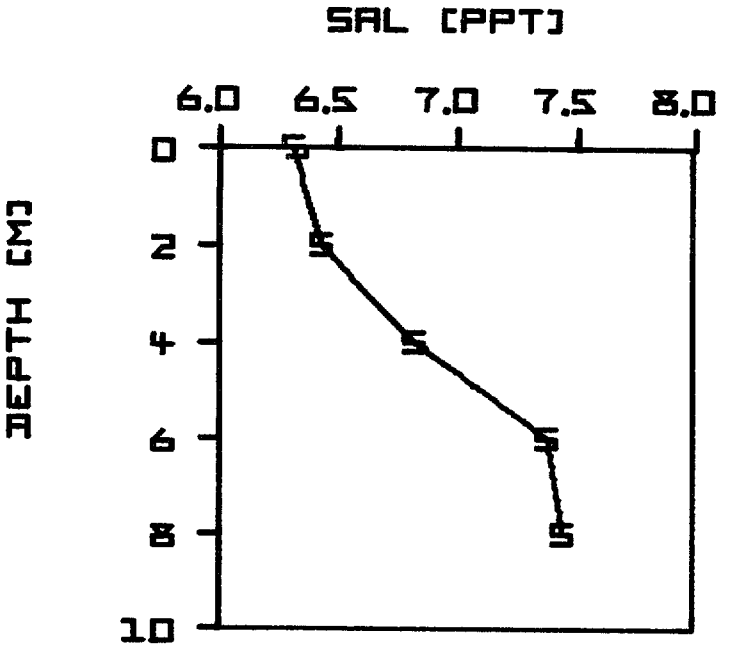



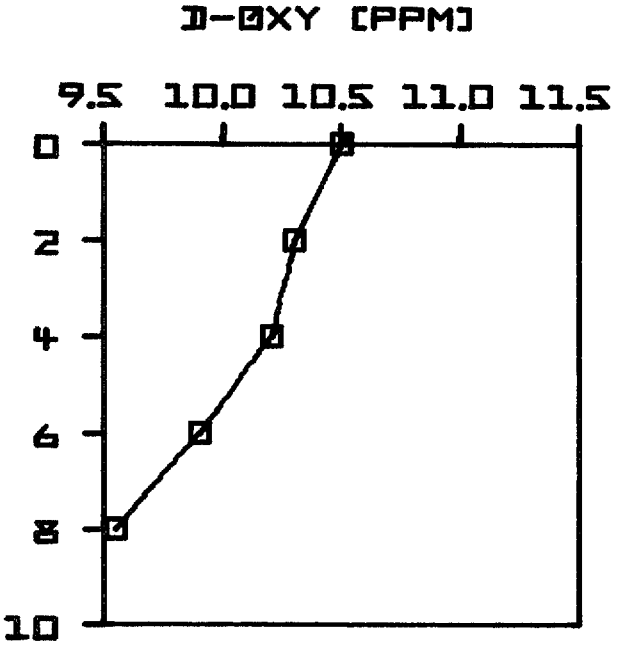



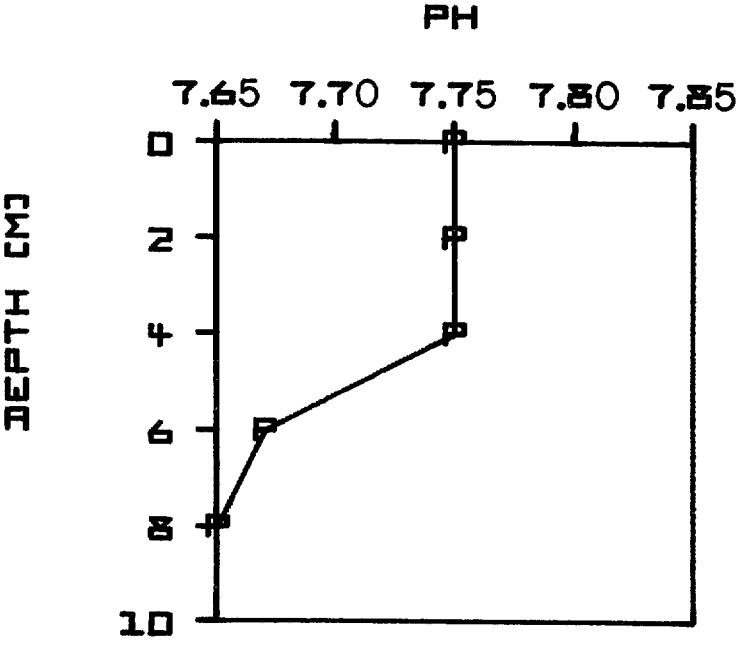
# U. B. SURVEY

SAMPLE NUMBER 78
STATION NUMBER 5A
DATE 10/24/1974



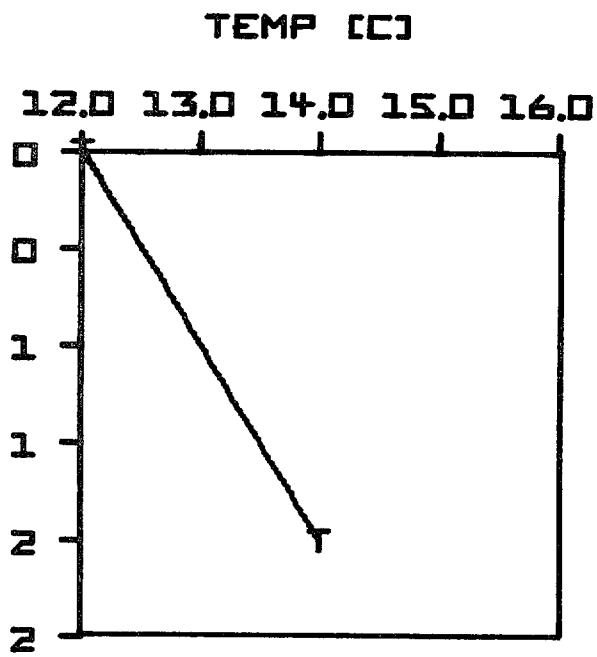



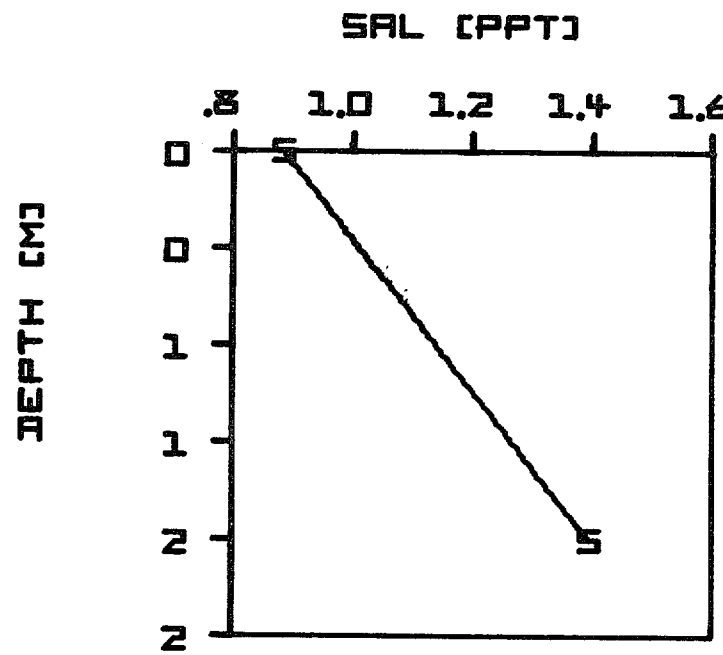



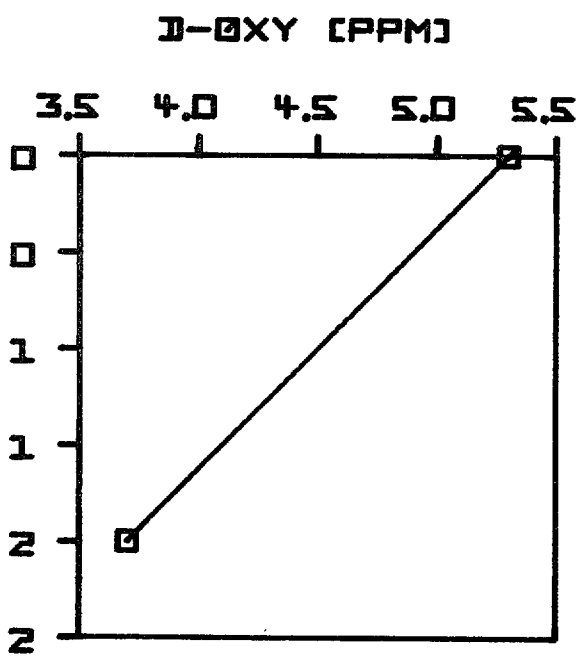



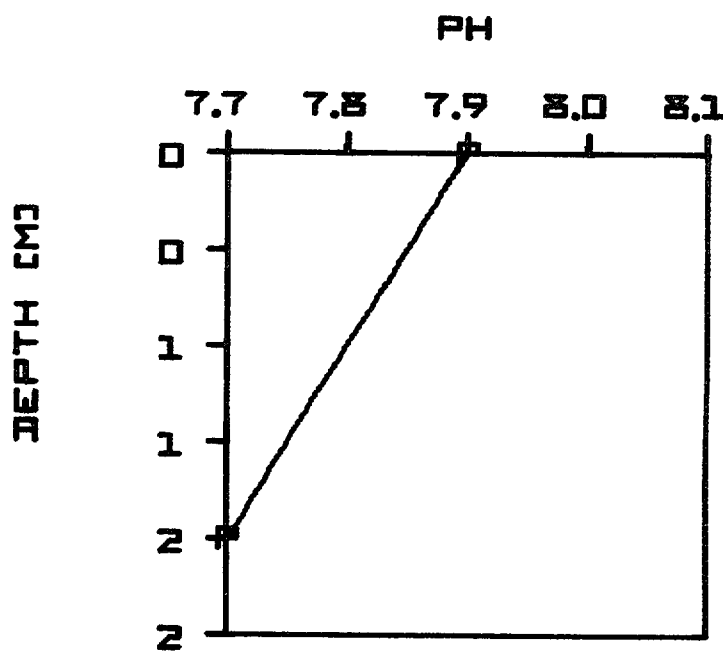
# U. B. SURVEY

SAMPLE NUMBER 80
STATION NUMBER 01
DATE 11/25/1974



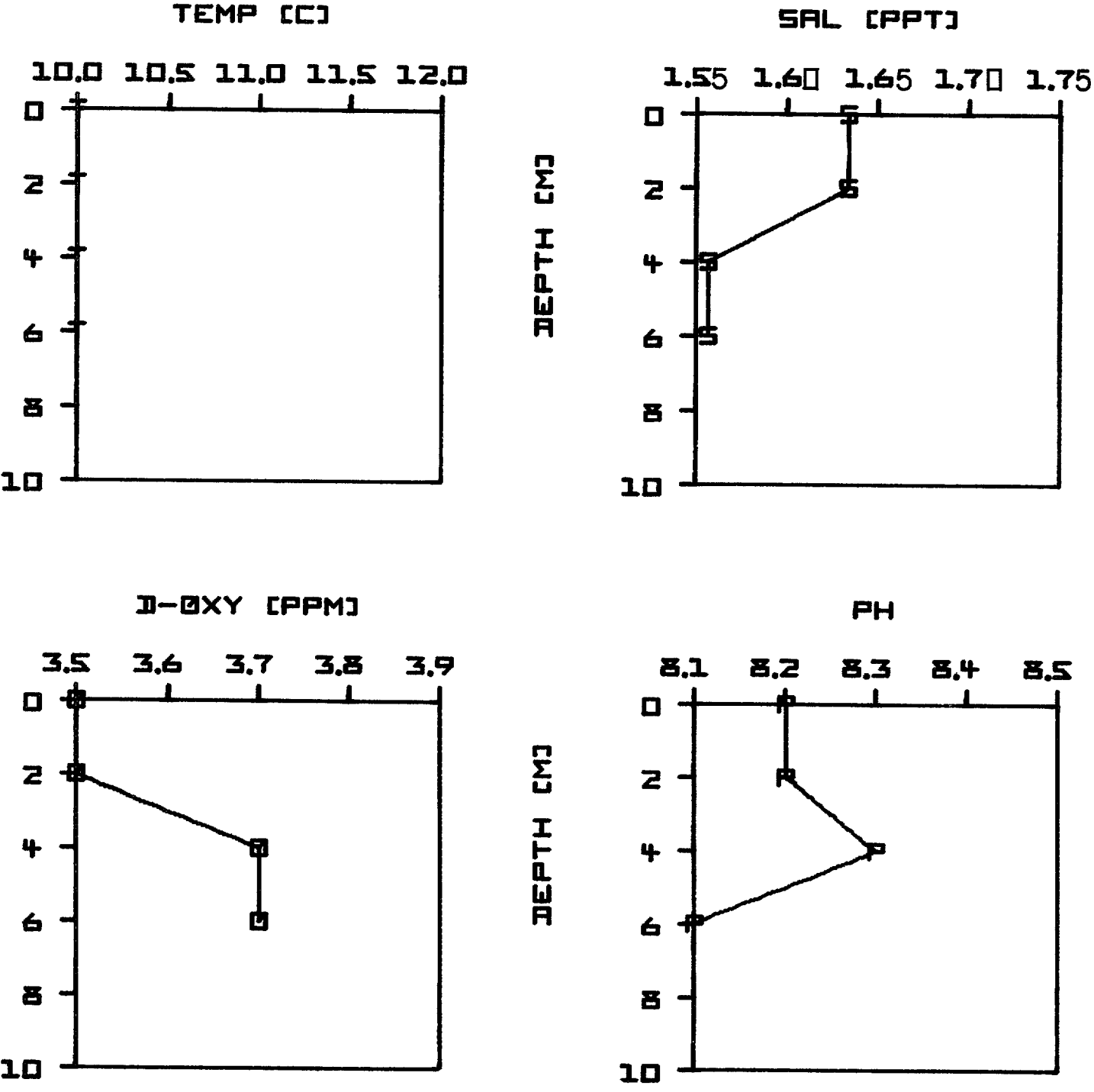



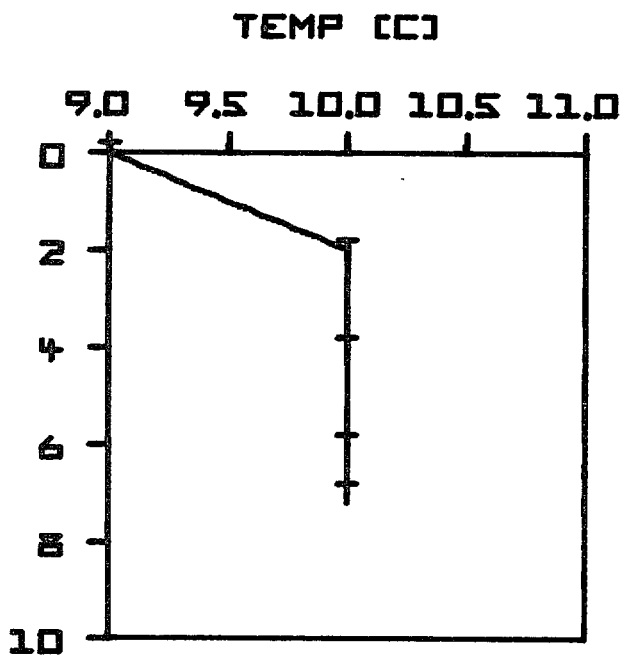
# U. B. SURVEY

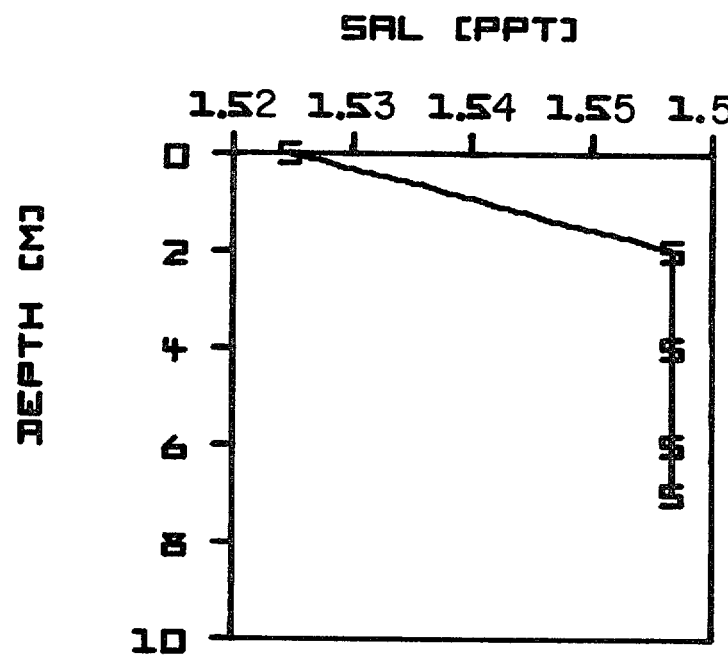
SAMPLE NUMBER 81
STATION NUMBER 02
DATE 11/25/1974

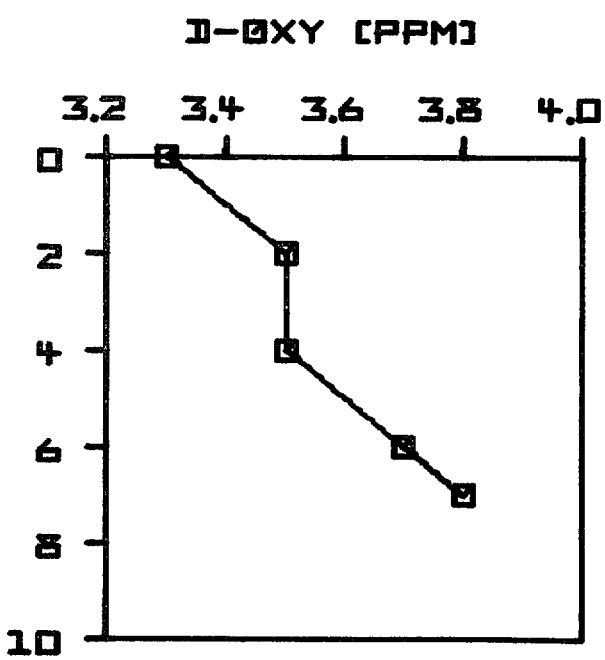


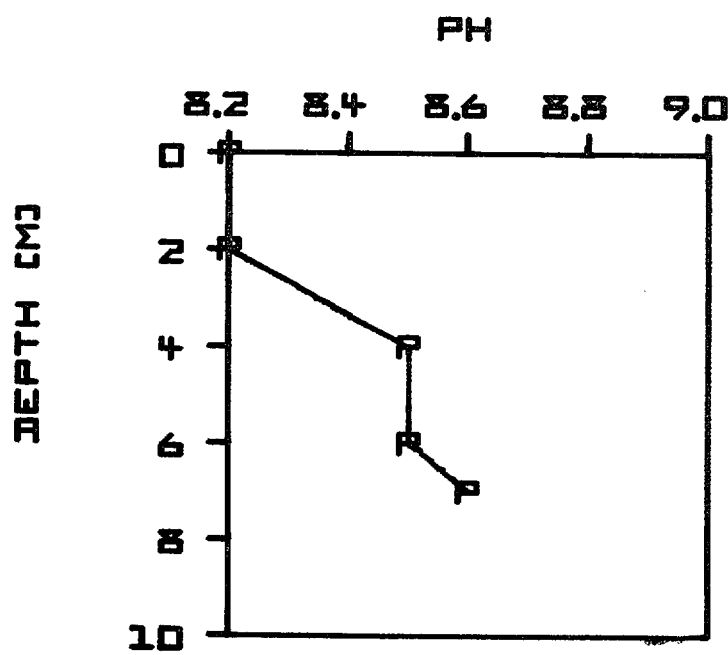
# U. B. SURVEY

SAMPLE NUMBER 82
STATION NUMBER 03
DATE 11/25/1974



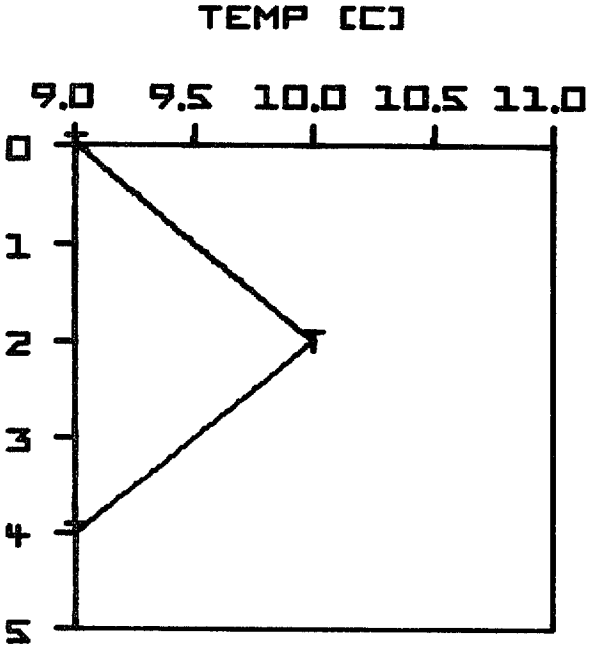



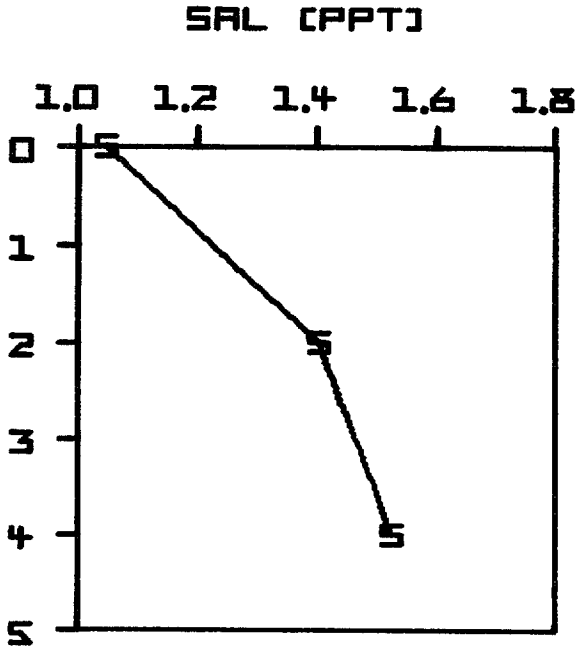



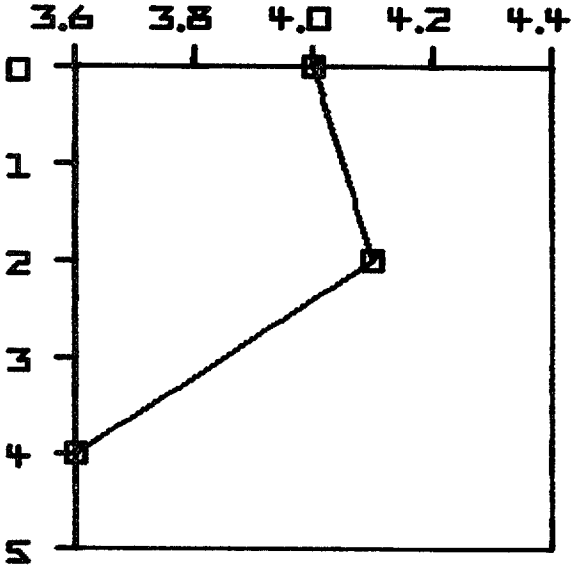



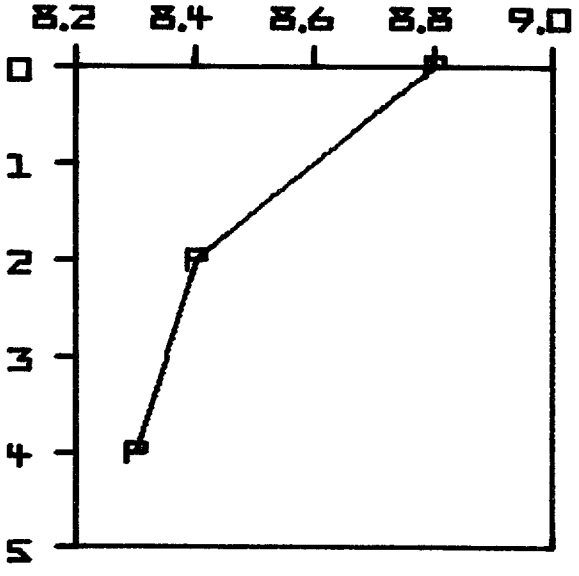
# U. B. SURVEY

SAMPLE NUMBER 83
STATION NUMBER 05
DATE 11/25/1974



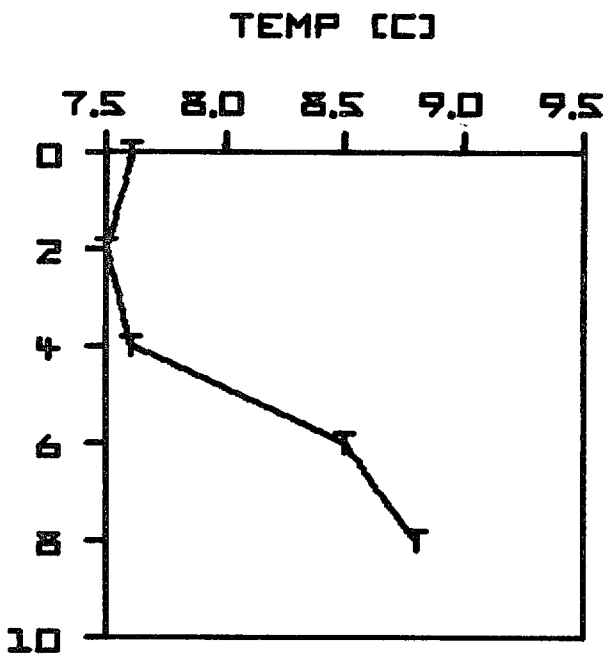


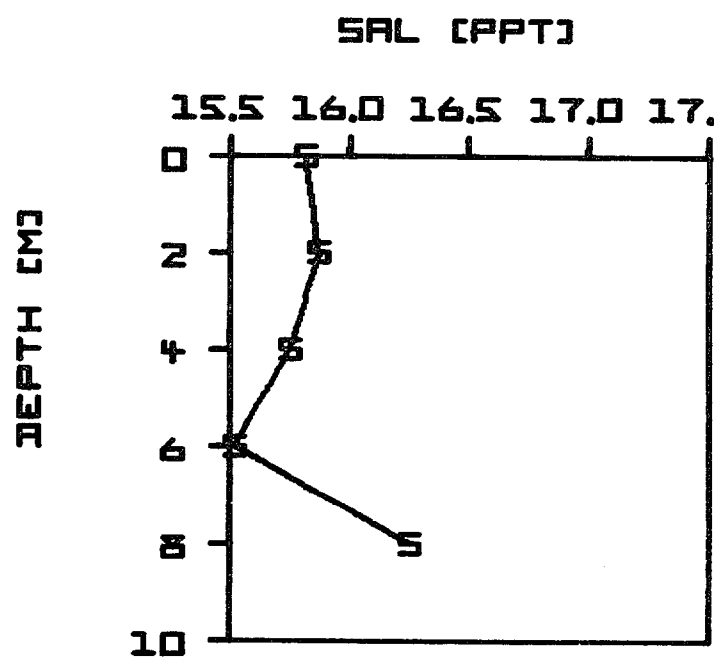





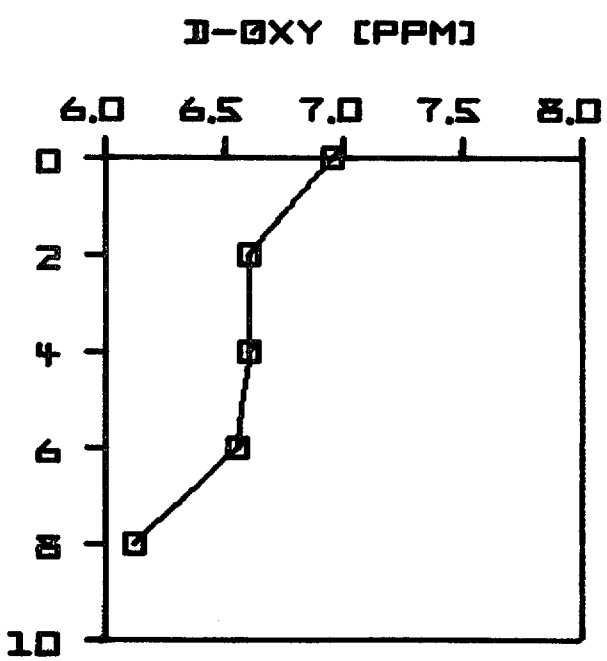
# U. B. SURVEY

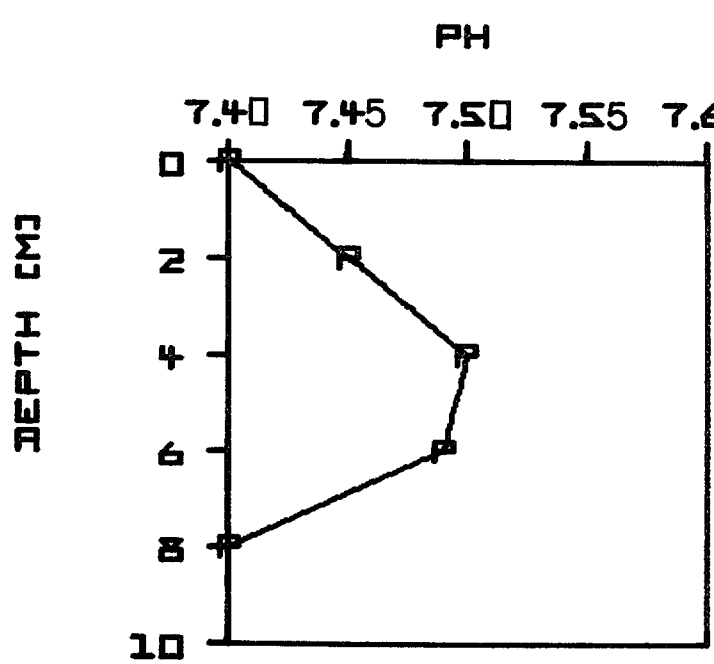
SAMPLE NUMBER 84
STATION NUMBER 11A
DATE 11/27/1974




DEPTH [M]

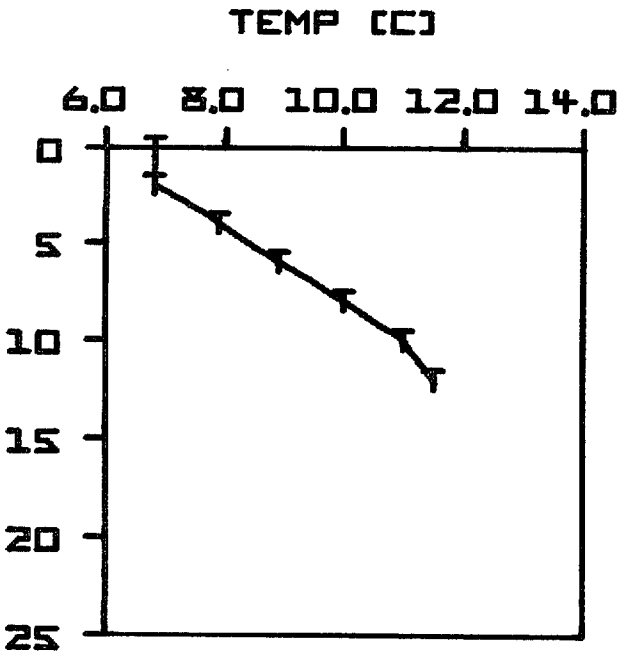


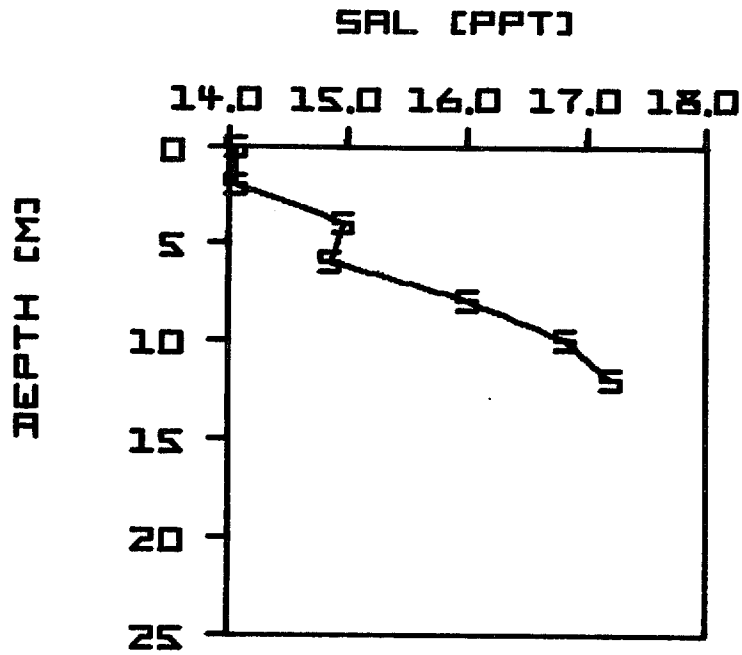



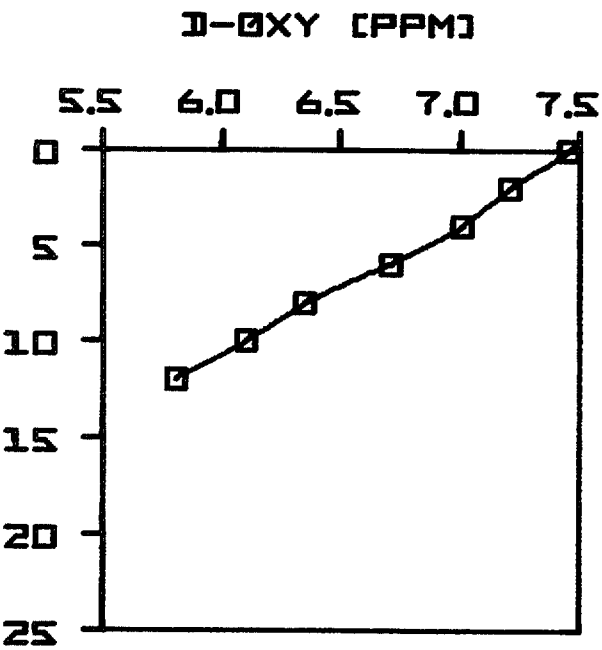

DEPTH [M]

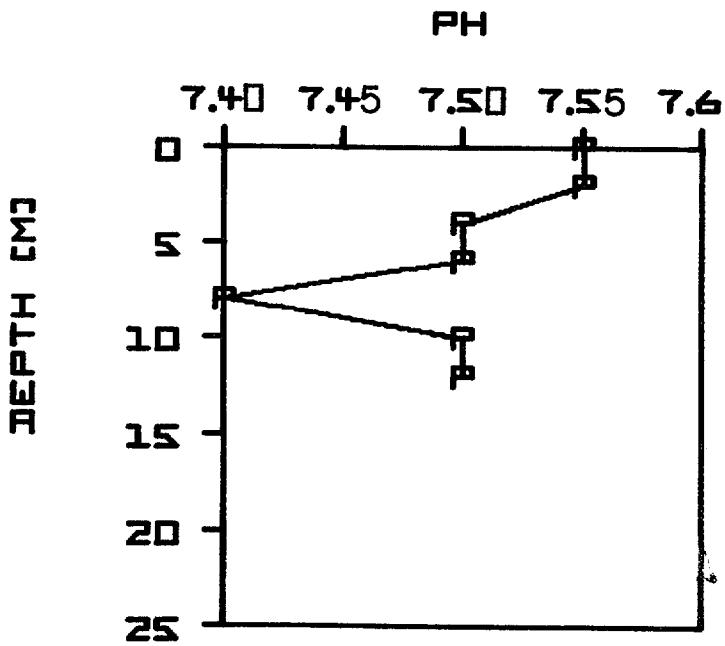
# U. B. SURVEY

SAMPLE NUMBER 85
STATION NUMBER 11C
DATE 11/27/1974



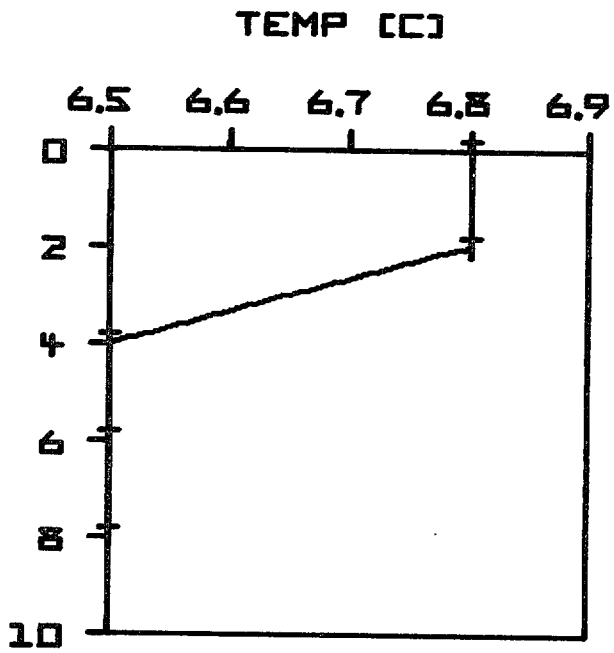



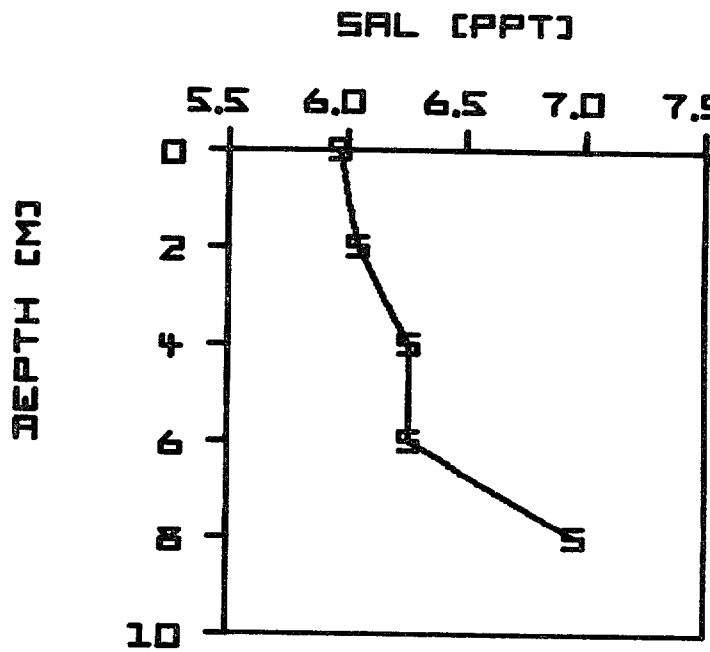



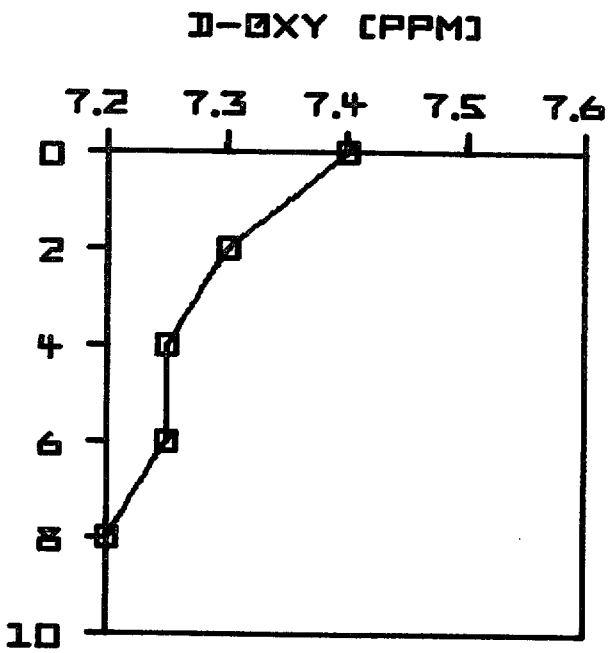



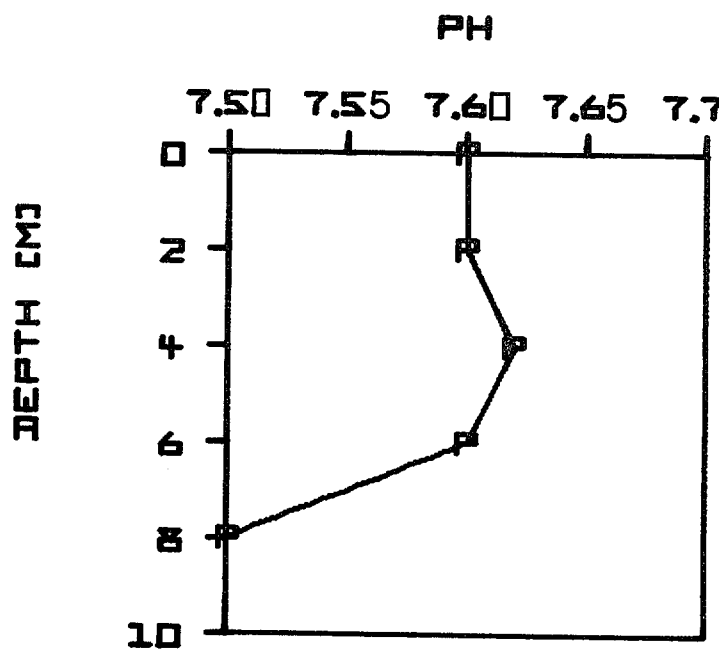
# U. B. SURVEY

SAMPLE NUMBER 87
STATION NUMBER 5A
DATE 11/27/1974



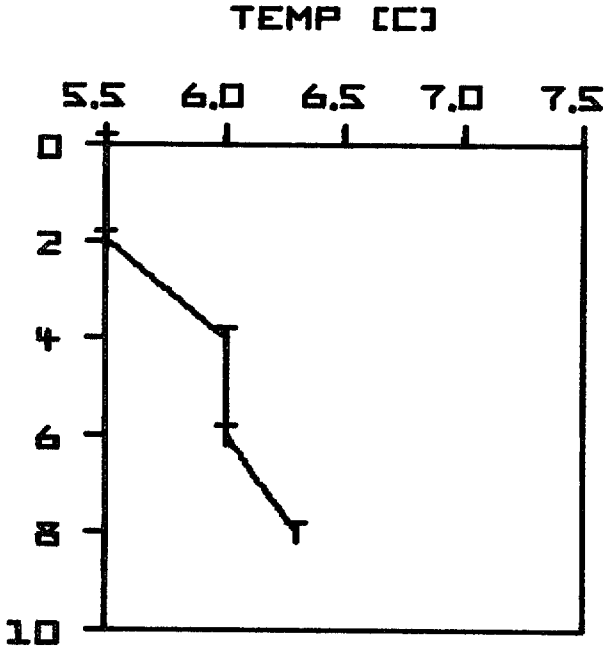



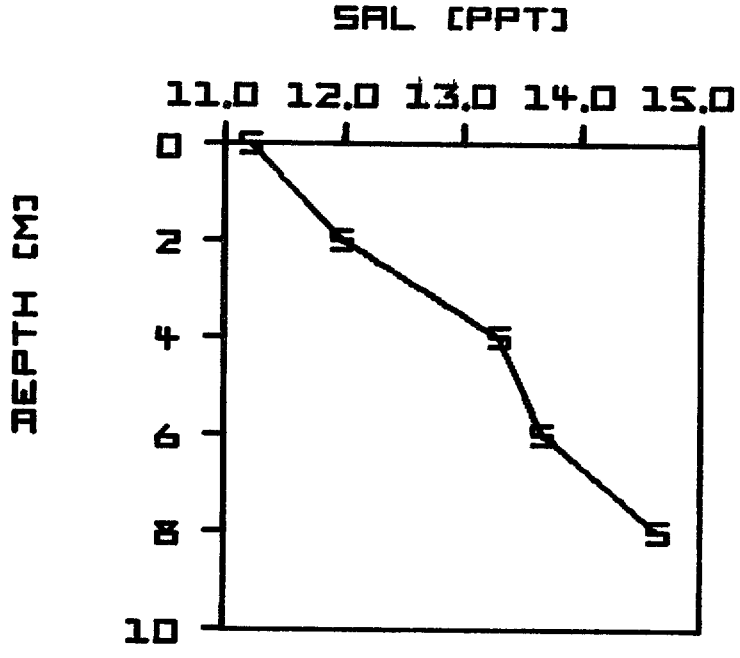



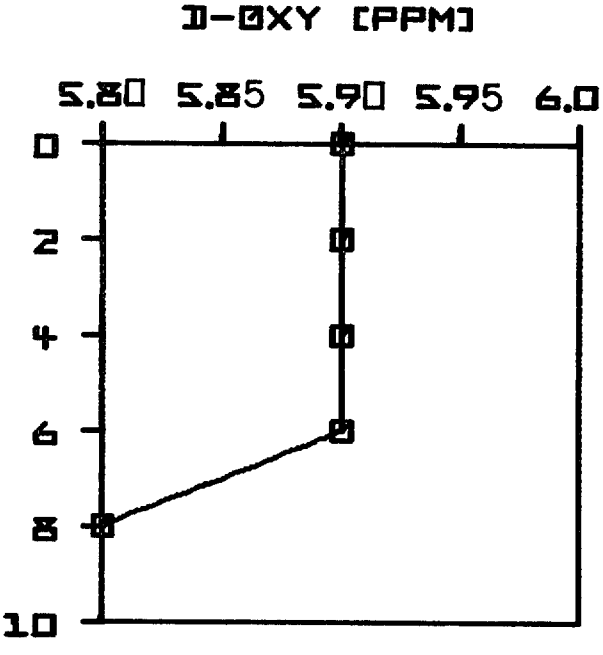



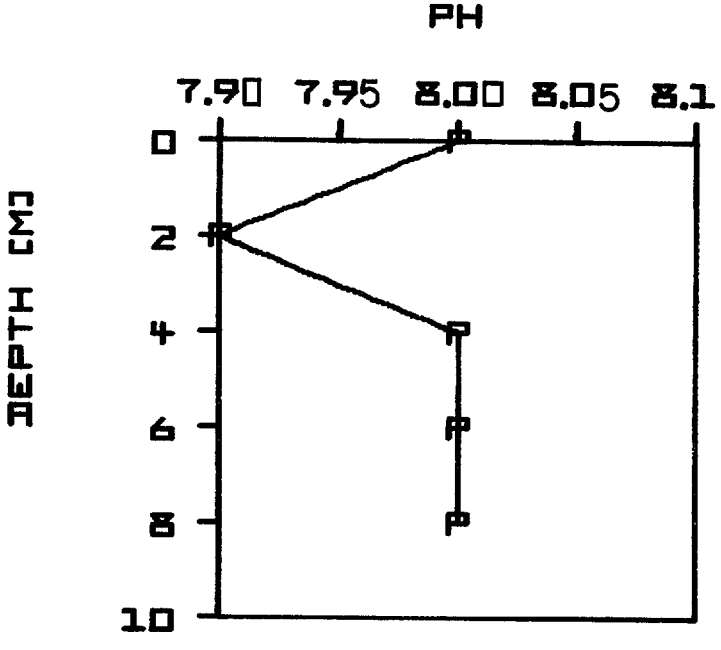
# U. B. SURVEY

SAMPLE NUMBER 89
STATION NUMBER 11A
DATE 12/17/1974



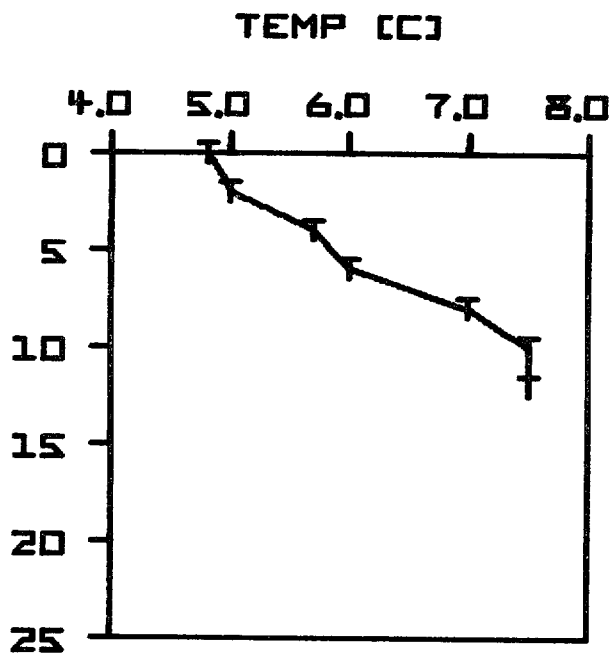



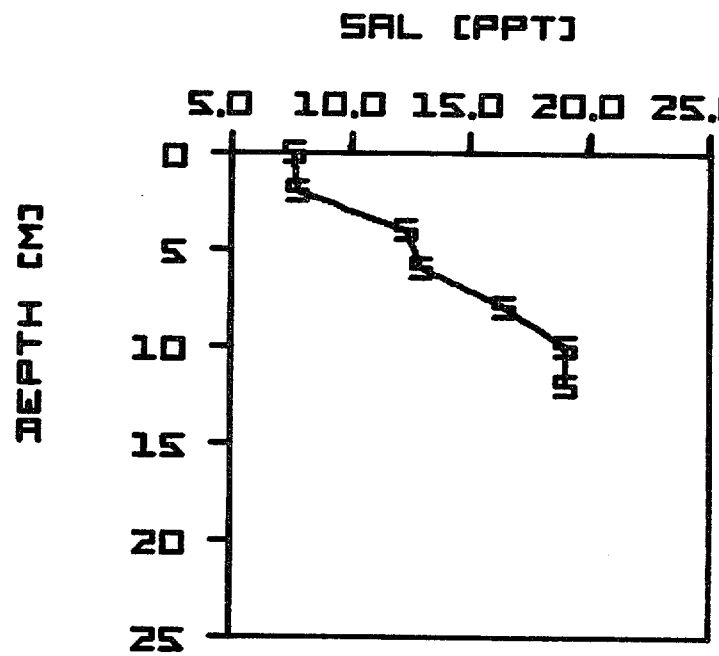



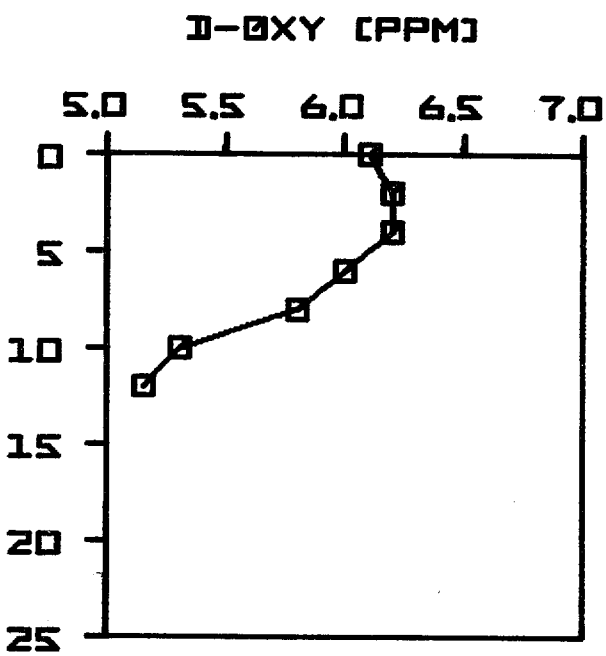



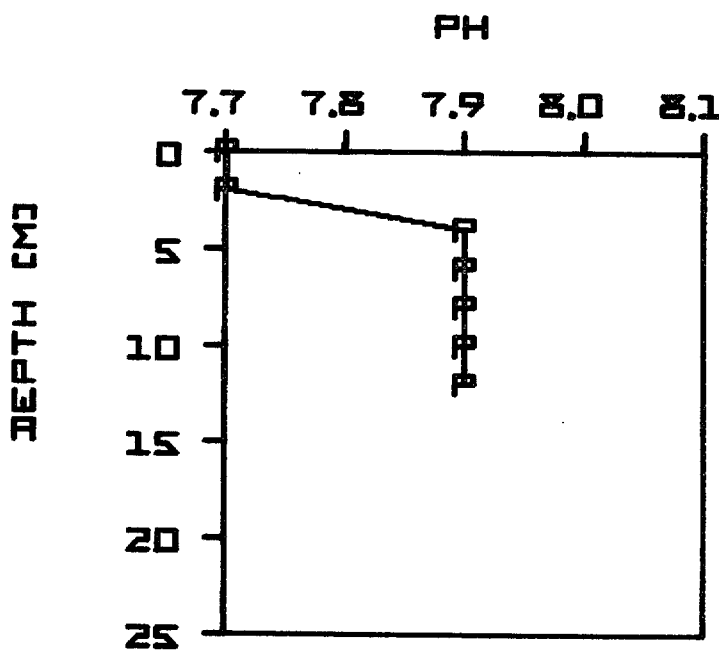
# U. B. SURVEY

SAMPLE NUMBER 91
STATION NUMBER 108
DATE 12/17/1974



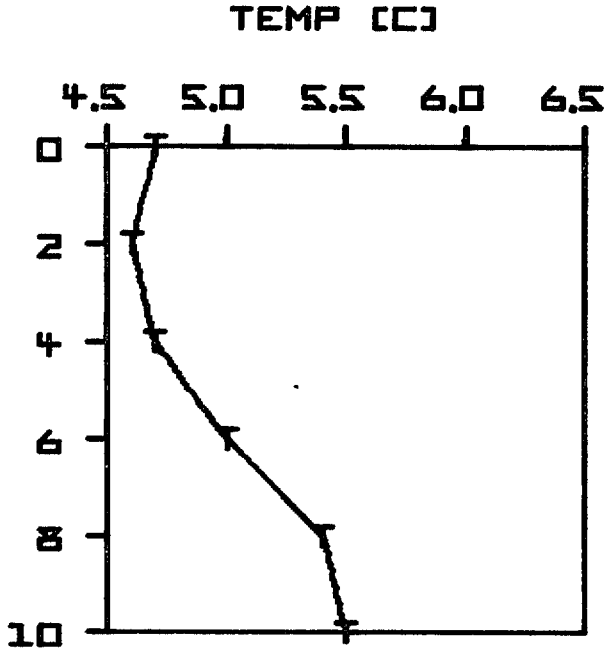



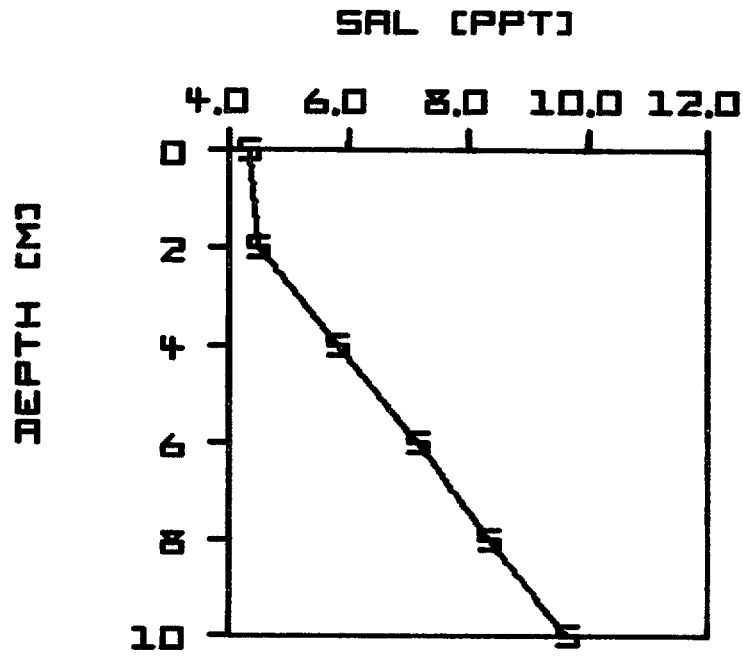



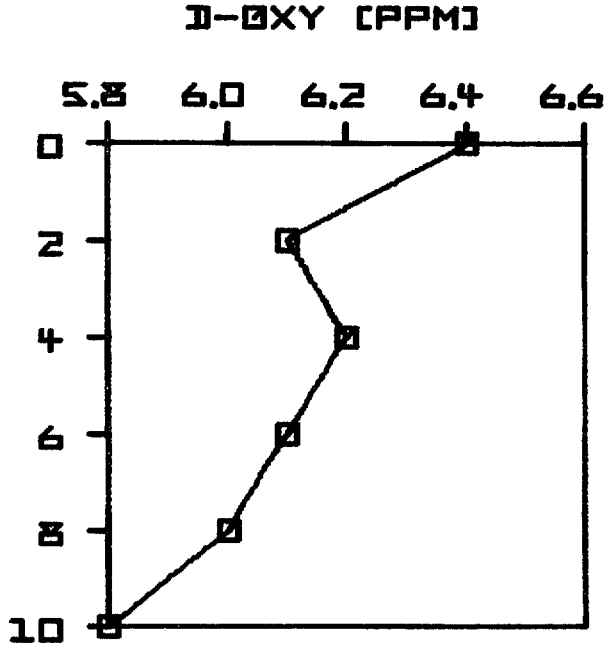



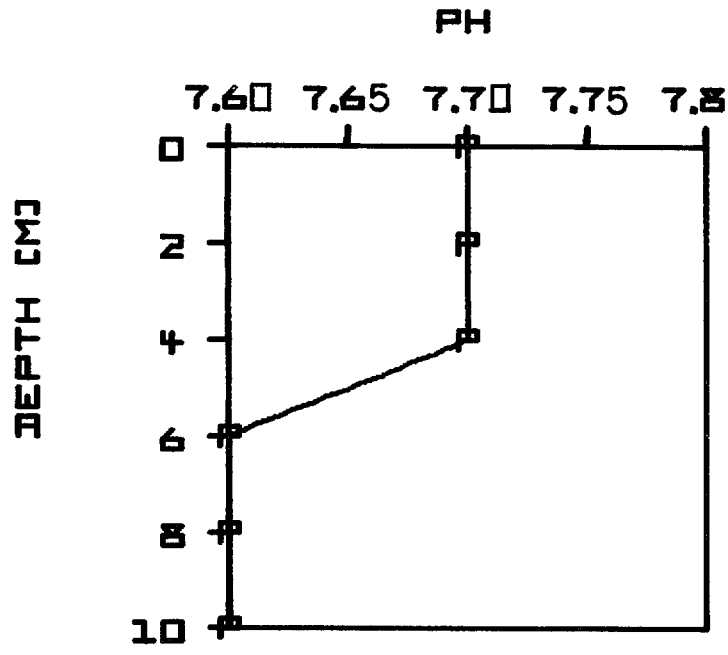
# U. B. SURVEY

SAMPLE NUMBER 93
STATION NUMBER 5A
DATE 12/17/1974



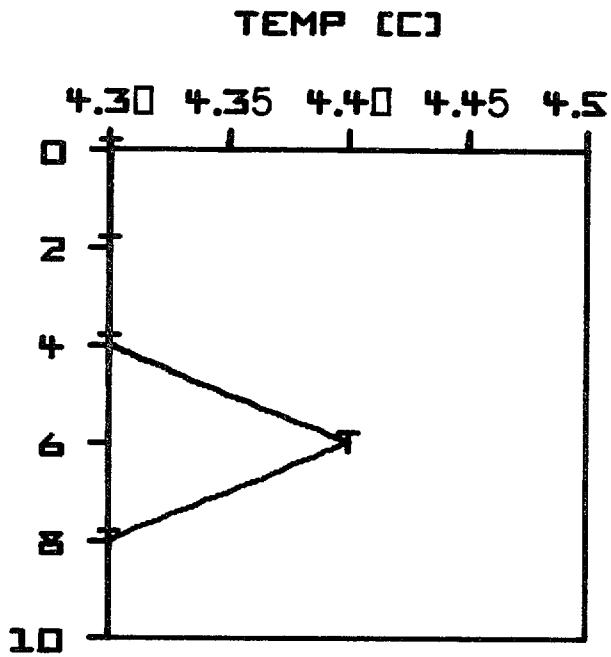



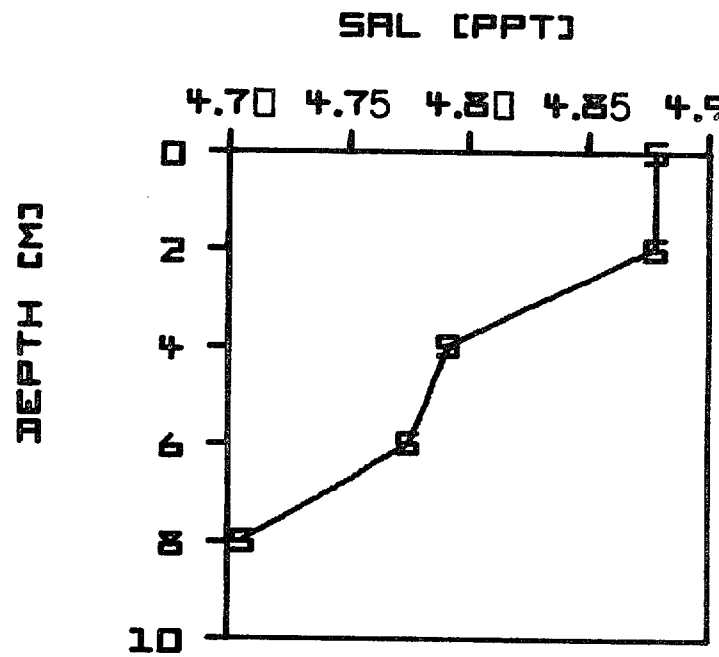



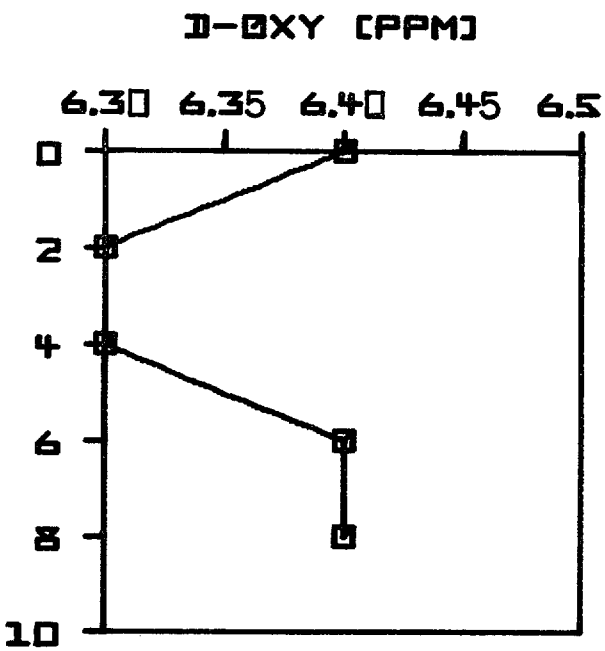



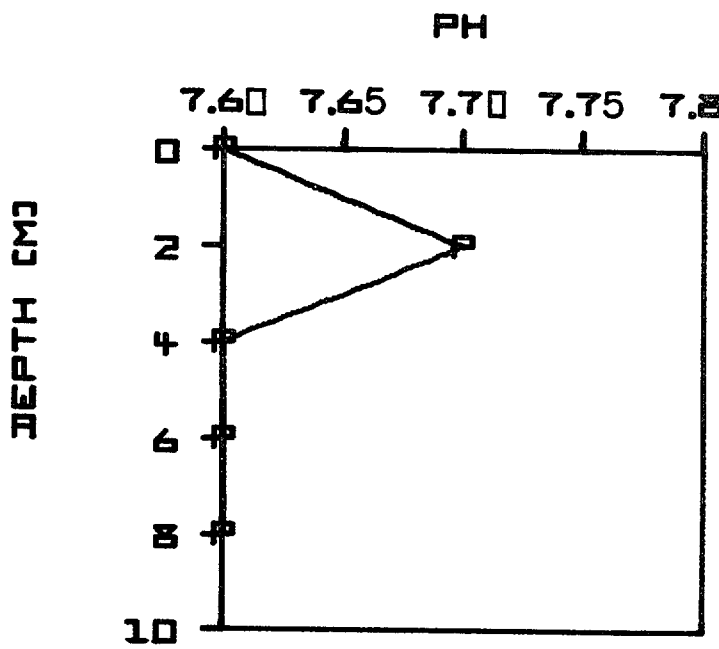
# U. B. SURVEY

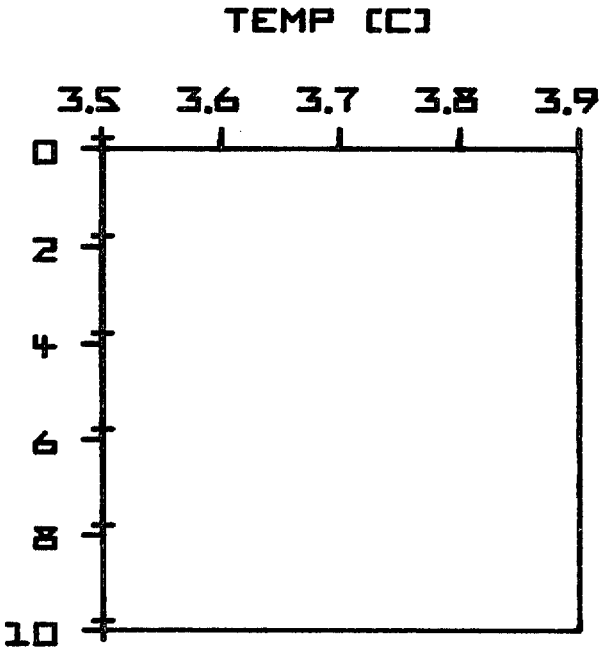
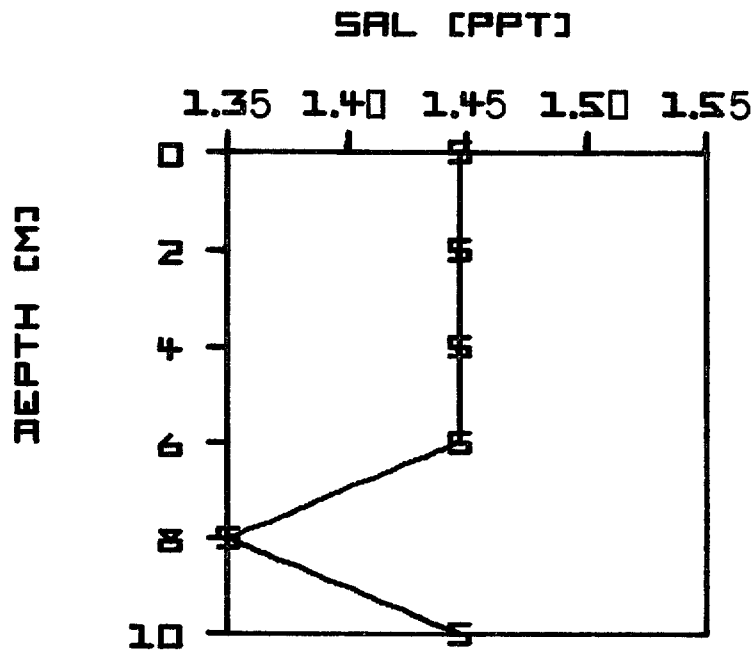
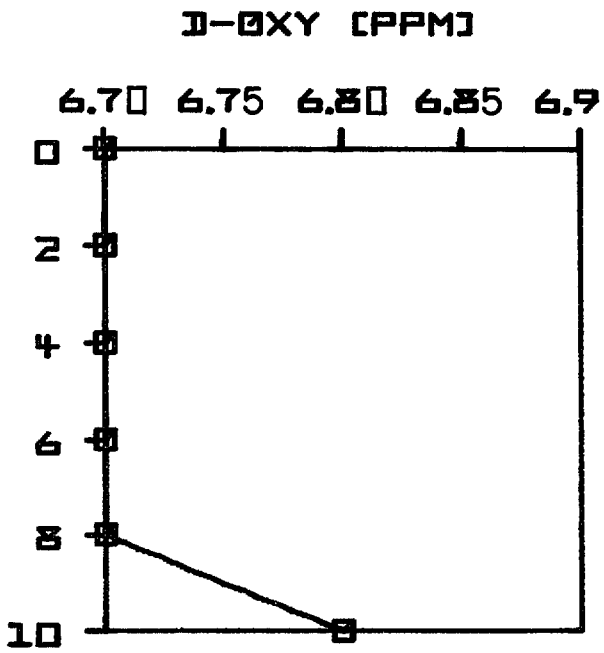
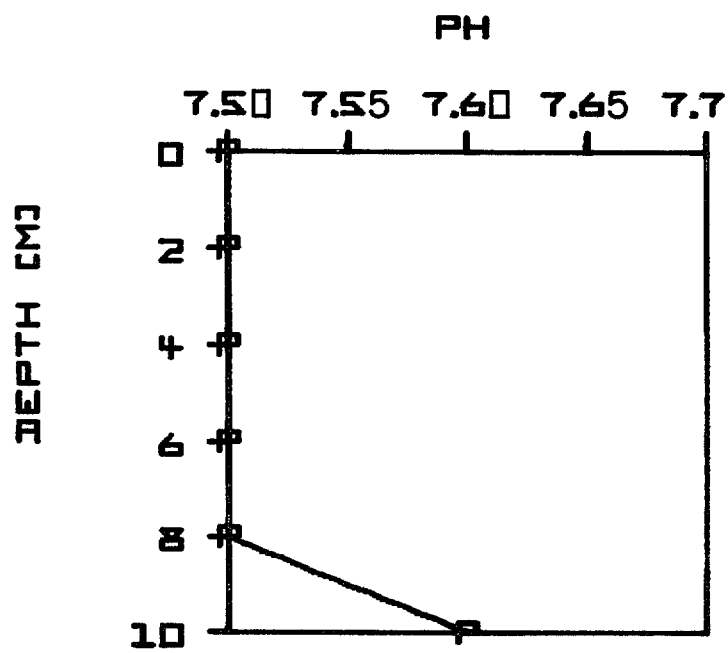
SAMPLE NUMBER 94
STATION NUMBER 36
DATE 12/18/1974



# U. B. SURVEY

SAMPLE NUMBER 95
STATION NUMBER 1A
DATE 12/18/1974