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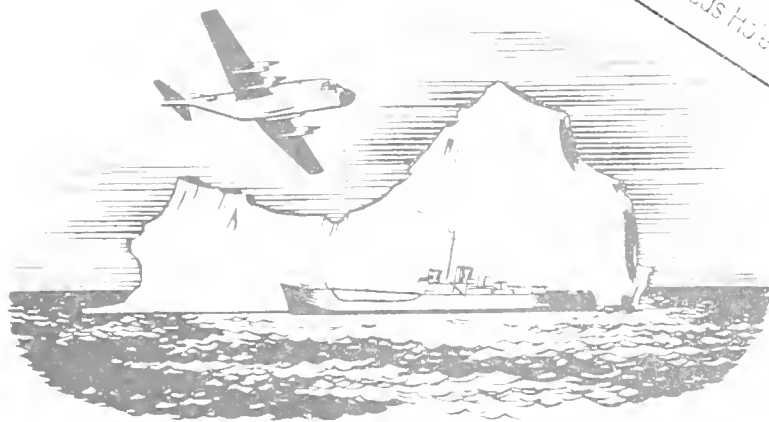
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COAST GUARD

**OCEANOGRAPHY OF THE
GRAND BANKS REGION OF
NEWFOUNDLAND**

MARCH 1971-DECEMBER 1972



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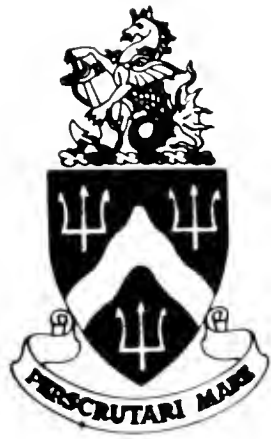
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OCEANOGRAPHIC REPORT No. CG 373-70



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**OCEANOGRAPHY OF
THE GRAND BANKS REGION OF
NEWFOUNDLAND
MARCH 1971 - DECEMBER 1972**

Robert W. Scobie

Richard H. Schultz

**United States Coast Guard
Oceanographic Unit
Washington, D.C.**

June 1976





USCGC EVERGREEN (WAGO 295)

ABSTRACT

Results of oceanographic surveys off the Grand Banks of Newfoundland from April through June 1972 in support of International Ice Patrol and twelve occupations of Standard Sections A1-A4 are discussed. Analysis includes vertical temperature and salinity profiles for each section as well as dynamic-topographic charts for each Ice Patrol survey. Normal dynamic topography charts of the Grand Banks region are updated. Results are similar to those obtained by Soule (1964). Finally there is a discussion of the oceanographic and meteorological conditions which caused more icebergs to drift south of 48°N in 1972 than in any previous year in Ice Patrol history. These conditions include iceberg supply, wind, currents, waves/sea ice, sea temperatures, air temperatures, and precipitation. It is concluded that the single most important factor effecting these conditions is the location and intensity of the Icelandic low.

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OCEANOGRAPHY OF THE GRAND BANKS REGION OF NEWFOUNDLAND

March 1971—December 1972

Robert W. Scobie¹

INTRODUCTION

The iceberg threat to North Atlantic shipping was more severe in 1972 than in any other year in International Ice Patrol (IIP) history. The ice season officially extended from 29 February to 4 September—the longest ever. During that period, a record 1587 icebergs were reported south of 48°N. This surpassed the previous high of 1320 icebergs sighted in 1929. In 1972 icebergs were reported as far east as 47°02'N, 36°59'W and as far south as 39°57'N, 45°06'W. For the first time since 1959, conditions were severe enough to require a surface patrol to standby the southernmost iceberg. This duty was shared by several Coast Guard cutters from 25 April until 25 July when icebergs were no longer a threat below 43°N.

Oceanographic Operations

During the months of April, May, and June, when the iceberg threat was greatest, three oceanographic cruises were conducted to the area immediately eastward of the Grand Banks of Newfoundland by the USCGC EVERGREEN (WAGO-295). The purpose of these cruises was two-fold. First, it was to provide Commander, International Ice Patrol (CIIP) with real-time oceanographic data for predicting iceberg drift in the North Atlantic Ocean. Second, it was to support U.S. Coast Guard oceanographic research programs. The crew of CGC EVERGREEN was augmented with a field party of scientists and technicians from the U.S. Coast Guard Oceanographic Unit (CG OCEANO) on each of these cruises.

Itinerary

On 3 April the CGC EVERGREEN departed its homeport of Boston, Massachusetts on a 21-day cruise which included a one day port call at St. John's Newfoundland. The oceanographic work conducted on this cruise consisted of 72 STD stations taken along 7 standard Ice Patrol sections extending from A2 to A4 (fig. 1). Several casts were taken at other than the desired position because of locally heavy concentrations of icebergs.

During the second cruise of 17 days, which began on 5 May, 53 STD stations were occupied on six standard sections from A4 to A2B. The final CGC EVERGREEN cruise of the season commenced on 3 June. After completing section A4 and part of section A3C, a large dead-in-the-water contact appeared on the radar. Proceeding slowly through thick fog, CGC EVERGREEN was able to identify the contact as a large tabular iceberg located at 42°42'N, 49°20'W. Commander International Ice Patrol then ordered CGC EVERGREEN to standby this iceberg and assume full duties of surface patrol vessel. Thus from 7 June until 15 June, oceanographic work was confined to the area around the iceberg. During this period STD casts, XBT casts, and photographs of the iceberg were taken. After being relieved of this responsibility, an abbreviated survey along 4 sections from A3B to A2 was conducted. Of the 54 STD casts taken during this cruise, 46 were taken near the large iceberg. The CGC EVERGREEN returned to Boston on 22 June.

¹U.S. Coast Guard Oceanographic Unit, Bldg. 159-E, Navy Yard Annex, Washington, D.C. 20590.

Other Occupations of Standard Sections

Twelve other occupations of Coast Guard standard sections A1-A4 are listed in Appendix A. These were conducted by Coast Guard cut-

ters traveling to or from ocean station patrols. The 1971 occupations are included as they have not previously been reported in the CG-373 Series.

INSTRUMENTATION AND METHODS

International Ice Patrol Cruises

Data from all 179 oceanographic stations taken during the three 1972 Ice Patrol cruises aboard CGC EVERGREEN were obtained using a Plessey Environmental Systems, Model 9040, S/T/D Environmental Profiling System (STD). The Plessey Environmental Systems, Model 8114A, Digital Data Logger (DDL) was used to record these data on magnetic tape. However, as CGC EVERGREEN did not have the on board computer capability to process DDL tapes, it was necessary to read the STD analog traces and to transmit the data including quality control temperatures and salinities to CG OCEANOGRAPHIC for real-time processing. This processing was accomplished with a Honeywell DDP-516 computer utilizing the programs described by Hislop (1973). Following the Ice Patrol season, the DDL tapes were processed on the Control Data Corporation (CDC) 3300 computer using the procedures described by Rosebrook (1974).

A Niskin bottle, equipped with two protected and two unprotected deep sea reversing thermometers, was attached immediately above the underwater sensing unit on all deep stations for

quality control. Conductivity ratios of these samples were determined on board CGC EVERGREEN using a portable inductive salinometer and were converted to salinities using formulae published in the International Oceanographic Tables (1966). Temperatures were also processed on board CGC EVERGREEN with a Dietzgen Model 7410-PA programmable calculator with programs developed at CG OCEANOGRAPHIC. Dynamic heights in shallow water were calculated using the modified Helland-Hansen method described by Kollmeyer et al., (1967).

Occupation of Standard Sections

Data from the 12 occupations of standard sections A1-A4 reported here were obtained from either STD or Nansen casts depending on how each ship was outfitted. The cast procedures outlined in the Manual for Oceanographic Operations (CG-410) were followed during these occupations. Station data were processed using conventional CG OCEANOGRAPHIC procedures. Vertical temperature and salinity profiles for these occupations are presented as Figures 2 through 24. Similar profiles for all IIP occupations of A2, A3, and A4 are also presented (figs. 25 through 38).

UPDATING THE NORMAL DYNAMIC TOPOGRAPHY CHARTS

Background

Floyd M. Soule, who was a prominent member of International Ice Patrol for a period spanning more than 30 years, published the original normal dynamic topography charts of the Grand Banks area (Soule, 1964). These charts were developed primarily for use by Commander, International Ice Patrol (CIIP). Before explaining how they were updated, the evolution and use of these charts will be reviewed.

The 15 April 1912 sinking of the luxury liner Titanic following her collision with an iceberg at 41°16'N, 50°14'W, some 300 miles south of Newfoundland, prompted international shipping interests to demand that an organization be formed to continually advise the mariner of the iceberg danger. The result of this outcry was the establishment of the International Ice Patrol by the International Convention for the Safety of Life At Sea (SOLAS) in 1913. This service, financed by SOLAS member nations and operated by the U.S. Coast Guard, is designed to advise the mariner of any iceberg danger, as well as to conduct oceanographic research, in the area of the Grand Banks. The oceanographic conditions in this area are very complex as it is the confluence region of the cold southerly flowing Labrador Current and the warm northerly flowing North Atlantic Current.

During the first few years of Ice Patrol, the emphasis was placed on ice observation and advisories. As a result, the oceanographic data collected was quite sparse and of only limited value. However, as oceanographic techniques and equipment improved, it became apparent that oceanographic operations could be valuable to CIIP. For the first time in 1931 an Ice Patrol vessel was devoted to oceanographic research, and by 1934 data were being collected in a systematic and concentrated manner.

That year, two significant changes in IP operations occurred. First the Wenner Salinity Bridge replaced the tedious titration method

previously used to determine salinity. This greatly improved the accuracy and ease with which salinity samples could be determined (Soule and Hoyle, 1935). This instrument was used exclusively through the 1961 ice season. Then after two years of comparative testing, it was phased out and replaced by commercially produced portable inductive salinometers. The second change in 1934 was the replacement of the Jacobsen and Jensen method of determining dynamic heights in shallow water with the Helland-Hansen method (Soule and Hoyle, 1935). This method is still used, although it has been slightly modified for adaption to computer usage (Kollmeyer, et al., 1967).

Since 1934 only one other major change in the collection and processing of data has been made. In 1966, the STD replaced the Nansen bottle as the primary sampling device. However, Nansen bottles equipped with deep sea reversing thermometers continue to be used to quality control STD data.

Use

Every year that IP has been conducted since 1934, at least some time has been spent surveying the northeastern, eastern, and southern slopes of the Grand Banks. As the general oceanic circulation in this area is similar from year to year, Soule felt that monthly normal dynamic topography charts would be of use to CIIP. They definitely have been. At times during the peak of the ice season (April-July), when no data are being collected, CIIP utilizes the normal charts as an aid in predicting iceberg drift.

Update

Soule's normal charts were based on 22 years of data collected from 1934-1941 and 1949-1961; IP was suspended during World War II. For this first revision of the normal charts, data from 1962 through 1972 were added to the original data base. The data used in this revision consist of

- April—Forty-three surveys (no data from 1969)
- May—Forty-five surveys (no data from 1955 and 1969)
- June—Twenty-nine surveys (no data from 1941, 1951, 1957, 1963, 1965, 1966, 1969-1971)
- July—(no data prior to WW II nor from 1949, 1950, 1954, 1958, 1959, 1965, 1966, 1968-1972).

The July chart is somewhat abbreviated covering only a small area east of Cape Bonavista. From 1934 through 1972, no other areas were surveyed during July.

Data for the revised charts were processed exactly in the same manner as described by Soule (1964). Briefly, dynamic height values, dynamic height of the sea surface relative to the 1000 decibar surface, for each survey were computed at twenty minute intervals of latitude and longitude in the area surveyed. The dynamic heights at each interval were averaged for each month with equal weight given to each year rather than each survey. These average values were used to develop the monthly normal charts (figs. 41, 44, 47, 50). A standard deviation was computed at each interval. All locations with at least five surveys were used to contour a field of standard deviation for each month (figs. 42, 45, 48, 51). Finally a chart for each month (figs. 43, 46, 49, 52) was prepared which indicates data distribution and computed results at each interval according to the following format:

Individual Surveys	Years Represented
Standard Deviation in Dynamic Milli- meters	Average Dynamic Height of the Sea Surface Relative to the 1,000 Decibar Surface in Dynamic Meters minus 970.00

General Comments

The Labrador and North Atlantic Currents, as well as a region of low dynamic topography between them, are clearly present on the April,

May, and June normal charts. Using information from recent Canadian Hydrographic Service charts, it is clear that the bottom topography affects the flow of both currents. The steepest gradients of the Labrador Current closely parallel the bottom contours along the eastern slope of the Grand Banks implying that the Grand Banks acts as a lateral boundary of this current. The flow of the North Atlantic Current is influenced as it passes over and around the northern end of the Newfoundland Ridge which is located south of the Tail of the Bank.

Current direction can be inferred quite realistically from the normal charts as being parallel to the isopleths of dynamic heights. However, geostrophic speeds are not as easily determined. Due to the averaging process, speeds calculated by taking measurements perpendicular to the isopleths of dynamic height are lower than those that actually exist in the Labrador Current. Thus the current as calculated from the normal charts only approaches a maximum of 40 cm/sec in a few extreme cases in the core of the Labrador Current. Whereas experiments such as those conducted by International Ice Patrol (direct measurement by parachute drogues) in 1966 (Wolford, 1969) indicate the speed of the Labrador Current actually varies from 50 to over 100 cm/sec. Thus when using the normal charts, one must be careful not to underestimate the current speed.

The fact that these revised charts closely resemble Soule's adds validity to the assumption that the general circulation in this area is basically the same from year to year. This is especially true for the core of the Labrador Current and the dynamic "trough" to the east of this current. Standard deviations are greatest near 41°N, 50°W and 42.5°N, 46°W. These are the areas which contain meanders of the North Atlantic Current. Annual changes combined with steep gradients result in standard deviations being as high as 20 centimeters in May.

1972 DYNAMIC TOPOGRAPHY SURVEYS

As has been the practice of IIP for many years, the 1000 decibar surface was used as a reference level in calculating dynamic heights from the 1972 data. Experiments as recent as 1970 (Ettle and Wolford, 1972) have shown that this level is suitable for IIP work. Thus, it is

possible to compare the dynamic topography of each 1972 survey (figs. 53, 54, and 55) directly with past surveys and the monthly normal charts. Such comparisons appear in later sections.

1972 ICEBERG STUDIES

Three icebergs were tracked by Coast Guard cutters, while acting as the surface patrol vessel, during the 1972 ice season. From 5 to 11 May, the CGC VIGOROUS (WMEC-627) tracked a medium iceberg using celestial fixes as the primary means of navigation. The May 1972 oceanographic survey (fig. 54) did not cover the area where this iceberg was drifting. However, from the May normal chart (fig. 44) and the May 1972 survey it is apparent that this iceberg was located well into the North Atlantic Current when it was being studied. This iceberg, drifting an average of more than 30 nmi per day, was predominantly effected by the North Atlantic Current (fig. 56). Only during the early part of the study period did the wind, which averaged 17 kns from 224°T (fig. 56), have any significant effect on the iceberg's drift.

CGC EVERGREEN tracked two icebergs—a large tabular iceberg from 8 to 15 June and a small iceberg from 9 to 13 June. Due to heavy fog, Loran A, with an accuracy of 3–5 miles, was used for positioning during this study. These icebergs drifted around in the same general area during the study period (fig. 57). These drifts were in great contrast to the one in May. During this study four sets of four STD stations were taken around the large iceberg. The general flow of the current in this area was southerly

(fig. 58), although not nearly as constant as in the core of the Labrador Current which existed farther to the north. From the iceberg drift, it appears that the effect on these icebergs from the southerly flowing current was to a great degree offset by the effect of the wind (fig. 57), which averaged 14 kns from 188°T during the large iceberg study and 195°T at 19 kns during the small iceberg study.

Four expendable bathythermograph (XBT) sections were conducted at two-day intervals. Each section, consisting of 10 XBTS, was on a constant bearing from the large iceberg ranging from 10 to 500 yards from the iceberg. The purpose of this experiment was to check for horizontal temperature gradients, previously mentioned by Kollmeyer et al. 1966, along each section. However, no gradient was apparent on any of these sections.

From photographs taken around an iceberg, mass determinations of that iceberg can be made. It was hoped that this could be accomplished several times during the drift study of the large iceberg, for such a study could yield information on the rate of deterioration of the iceberg. However, due to poor visibility, a good set of photographs was obtained only at the end of the drift study. At that time it was determined that the iceberg had a mass of approximately 3×10^9 kgs.

DISCUSSION OF 1972 ICE CONDITIONS

Although the number of icebergs which annually drift south of 48°N (fig. 59) fluctuates considerably, this number generally declined during the 40 years prior to 1972 (Table 1). In

TABLE 1—Yearly Average Number of the Icebergs South of 48°N

<i>Years</i>	<i>Average # of Icebergs</i>
1932–1941	419.1
1942–1951	418.1
1952–1961	251.6
1962–1971	146.3

fact, during that entire period, only in 1945 did this number exceed 1000. Why then did this trend come to such an abrupt end in 1972? Primarily it was a result of substantial changes in oceanographic and meteorological conditions during late 1971 and early 1972. These conditions directly affected the following factors that in turn determine the iceberg count on the Grand Banks:

- Supply of icebergs
- Wind
- Current
- Waves/Sea Ice
- Sea Temperature
- Air Temperature
- Precipitation

Iceberg Supply

Most of the icebergs which eventually reach the Grand Banks are calved from glaciers along the west coast of Greenland. Determining the annual iceberg production of these glaciers is a difficult task complicated by the remoteness of this vast region. One census will not result in an accurate count as icebergs may survive for several years in the survey area. To obtain an accurate production figure, it is necessary to conduct several censuses over a period of years while taking into account such factors as melting and

calving of icebergs. Since such studies have not been undertaken, it is not surprising that estimates of annual iceberg production vary greatly. Wolford (1972) reports several estimates of iceberg production ranging from 7,500 to 40,000 and suggests that the higher value is more realistic. Using even the most conservative estimates, the annual supply of icebergs is substantial enough to support heavy ice seasons on the Grand Banks.

Each year IIP conducts iceberg reconnaissance flights from Newfoundland northward along the Canadian coast to estimate the severity of the upcoming ice season. A January 1972 flight covered the coastal area to Cape Dyer and a February 1972 flight terminated at Cape Chidley. Past experience indicated that only icebergs located south of these points at these respective months will reach the Grand Banks during the following ice season. The result of these 1972 flights was surprisingly low iceberg counts (fig. 60).

This apparent contradiction can be explained. The majority of iceberg drift studies conducted by IIP found icebergs advancing southward 3 to 6 miles per day. However, in some instances, advances in excess of 20 miles per day have been noted (Wolford, 1972). Under ideal conditions, as was the case in 1972, it is not unreasonable to assume that icebergs can maintain a speed of advance of 0.5 knots over a long period of time. At this rate, icebergs that were in Baffin Bay in January could reach the Grand Banks during the ice season. With the supply of icebergs in Baffin Bay estimated to be more than 40,000 at any one time (Sanderson and Davis, 1972), only a small fraction of these icebergs is needed to greatly increase the severity of the ice season. This is what is believed to have happened in 1972.

Winds

Icebergs are transported to the Grand Banks by a complex combination of wind and current.

The wind acts directly on the subaerial portion of the iceberg and indirectly on the submerged portion through the force which it imparts on the ocean surface. The prevailing winds along the eastern Canadian coast are from the northwest, which are the most favorable for transporting icebergs toward the Grand Banks. Winds from any other direction tend to impede the advance of the icebergs. Obviously the advance of icebergs would be blocked by winds from the south. Easterly winds cause the icebergs to drift toward the Canadian coast where they ground and deteriorate. Westerly winds force icebergs out of the Labrador Current into the Labrador Sea, slowing the icebergs' southern progress and exposing the icebergs to warmer water of the Labrador Sea and wave action. As Wolford (1972) points out, winds in this region are dependent on the location and intensity of the Icelandic Low. This term applies to an area where lows form and intensify rather than one particular low pressure system. Northwesterly winds increase as this low deepens. Normally this low is weak during the summer and intensifies during the winter.

Due to severe low pressure systems (fig. 61), which traversed this region during the winter of 1971-1972, the Icelandic Low was more intense than normal for every month from December 1971 through June 1972 with the exception of April 1972, when conditions were close to normal. During these months, a mean surface pressure anomaly existed as shown in January (fig. 60). Since wind anomaly is related to lines of equal pressure anomaly as winds are to isobars, Buys-Ballot's Law may be applied in determining direction of wind anomaly. During the winter of 1971-1972, the prevailing northwesterly winds were reinforced by the deeper than normal Icelandic Low. These winds were extremely favorable for iceberg drift southward along the Canadian coast.

Currents

The Baffinland and Labrador Currents transport icebergs southward toward the Grand Banks. These currents, which move much slower than the wind and are less variable, act on most of the iceberg's surface area. A well developed current system is a necessary but not sufficient condition for a heavy ice year. The Labrador Current was well developed in 1957 (Dinsmore

et al., 1958), 1958 (Dinsmore et al., 1960), and 1959 (Budinger et al., 1960), but only 1957 and 1959 were heavy ice years. In 1958 other critical factors, including warmer than normal sea surface temperatures, were unfavorable and a light year resulted. At no time has there been a heavy ice season when the Labrador Current was not well developed.

Current data along the Labrador coast are very scarce, especially in the winter months. Russian scientists conducted the only survey in this area during the winter of 1971-1972. From their 8-9 November occupation of section 8-A (fig. 63), the volume transport of the Labrador Current was determined to be 6.5 Sv; which is 30% greater than normal. Later in the same cruise, section 6-A (14-15 December) and section 3-A (24-25 December), both of which are farther south, were also occupied. Volume transport was only 1.1 Sv across section 6-A and 6.8 Sv which is normal, across section 3-A (Kudlo, 1973).

On 21-22 March, CGC SHERMAN (WHEC-720) occupied section A-2 (figs. 14 and 15), and the volume transport was determined to be 2.16 Sv southward and 1.07 Sv eastward. This indicated that the southerly transport had nearly doubled since the December occupation of 6-A. It should be noted that the east-west portion of A-2 is very similar to the Russian section 6-A and the British Grand Banks-Flemish Cap section (Hill et al., 1974).

During a two week period in April, each of these sections was occupied. As part of an IIP survey, section A-2 was occupied on 7-9 April (figs. 25 and 26). The southward flow was 3.71 Sv while the eastward flow was 1.70 Sv. On 10 April, the southerly flow across section 6-A was 3.03 Sv (Kudlo, 1973). Hill et al. (1974) calculated the southerly flow to be 5.27 Sv from a 17-18 April occupation of the Flemish Cap-Grand Banks section. Two factors may have been responsible for the wide range in these transport values. First, as has been noted by Morgan (1969) and other IIP authors, the volume transport of the Labrador Current may undergo large changes over a short period of time. Second, much subjectivity is required in using the geostrophic method of determining currents especially in extrapolating values in shallow water and in selecting a reference level. As the Flemish Channel is very narrow and re-

quires much extrapolation, it is felt that in this case the second reason is the primary cause of the variation in the transport values. In addition, Hill et al. (1974) modified their geostrophic values with data from current meters located along the Grand Banks-Flemish Cap section. Although the British value is much greater than the Coast Guard's, their current profiles (fig. 64 and 65) are similar. In both cases the core of the Labrador Current is just to the east of the continental slope and an anomalous northward flow is just to the west of Flemish Cap. Comparing these data with available historical data, the Russian value is slightly greater than their normal (Kudlo, 1973) and the Coast Guard figure is higher than the running average which was terminated in 1964 (Kollmeyer et al., 1965). Thus it can be said that the Labrador Current was well developed in the first part of April.

The dynamic heights from the above occupation of section A-2 and those from the remainder of the three cruises conducted for IIP were contoured and are shown in figures 53, 54, and 55. The Labrador Current was well developed as far south as the Tail of the Bank through June with currents in excess of 50 cm/sec being found in the core. The volume transports generally increased through May before slackening in June. Such conditions are extremely conducive to icebergs, southward drift.

While the flow of the Labrador Current was steady during this period, large fluctuations occurred in the North Atlantic Current and the dynamic trough region. The April dynamic topography was similar to the normal (fig. 41). However, by the May survey, conditions had changed dramatically and did not resemble either the April 1972 chart or the May normal (fig. 44). The dynamic trough had expanded and contained two distinct sections. The lower portion of the trough was adjacent to the Labrador Current as expected, but just to the east was a slightly higher portion of the trough which was dynamically flat. The temperature in this part of the trough was much higher than in the lower portion indicating that it may have been formed as a result of an eddy meander separating from the North Atlantic Current. Another unusual condition existed south of the Tail of the Bank where the flow of the Labrador Current was abruptly blocked by a meander of the North Atlantic Current indicated by the presence

of warm saline water (figs. 31 and 32). Since the June survey was abbreviated, it is impossible to determine if these conditions had returned to normal at that time.

Waves/Sea Ice

There are two ways that iceberg drift is affected by sea ice. First, surface waves are rapidly dampened as they travel under this ice which reduces the eroding effect of these waves on icebergs. Second, large amounts of sea ice will keep the icebergs from drifting into bays and inlets along the coast (Schell, 1961). The presence of sea ice is an indication that the iceberg is in cold water where no deterioration will occur. From December through June, the sea ice extended farther south and east than normal (Sanderson, 1972a, Sanderson, 1972b, and Sanderson, 1972c). The greatest departure from the normal occurred in January (fig. 66), and even as late as May, sea ice remained off the coast of Newfoundland (fig. 67). Thus during the winter of 1971-1972, heavy ice conditions were such as to reduce the mortality of icebergs drifting southward along the eastern Canadian coast.

Sea Temperatures

It is obvious that with increased sea temperatures, more iceberg melting will occur. But for the entire first half of 1972 the water in the area of interest was colder than normal. It is clear from Sanderson (1972b), and Sanderson (1972c) that the average sea surface temperatures were below normal along the Labrador and eastern Newfoundland coasts for the first six months of 1972. Specific temperatures as much as 11°C colder than normal were reported in the Grand Banks area (Bailey, 1973). This unseasonably cold condition caused the 0°C sea surface isotherm to remain south of Newfoundland throughout March (fig. 68) (Royal Met. off., 1972a), and even as late as June this isotherm extended as far south as northern Newfoundland (fig. 69) (Royal Met. off., 1972b).

Colder than normal conditions also were found at depth. Burmakin (1973) noted that temperatures along sections 8-A, 7-A, 6-A, 4-A, and 3-A were between normal and 2.2°C below normal at various times from November through May in the upper 200 meters. Several IIP sections also indicate these cold conditions. The vertical temperature profile from the 7-8 April

occupation of Section A-2 gives an indication of the early extent of the Labrador Current (fig. 25). The 0°C isotherm extended to about 150 meters for nearly the entire section. The minimum water temperature was less than -1.6°C. The 0°C isotherm is significant as little iceberg melting will occur below this temperature. This cold core extended at least to the Tail of the Bank as can be seen in the vertical temperature profile from the 18-19 April occupation of section A-4. Here the 0°C isotherm extends below 150 meters, but the minimum temperature was just less than -1.2°C. As was previously noted, conditions had changed dramatically across this section by the 9-10 May occupation (fig. 31). However, from the vertical temperature profile of the 13-14 May occupation of section A-3, (fig. 33) one can see that the core of the Labrador Current was present although restricted closer to continental slope. Temperatures less than -1.0°C were reported and the 0°C isotherm was found deeper than 200 meters. By mid-June surface water temperature along Section A-3 had increased, but a cold core with temperature less than -1.4°C was reported, and the 0°C isotherm extended to 250 meters (fig. 37).

Colder than normal conditions continued through July and August. Each year the Fisheries Research Board of Canada and Memorial University of Newfoundland conduct sections across the Labrador Current from southern Labrador to the Tail of the Bank. Through 2 August below average temperatures were recorded to as far south as Flemish Cap. Even toward the end of August, temperatures less than -1.7°C were recorded in the Labrador Current near the Tail of the Bank (Templeman, 1973). Thus the generally colder than average water conditions tended to reduce iceberg mortality through melting in 1972.

Air Temperatures

Melting of the subaerial portion of iceberg is directly related to the air temperature. From

December through June, air temperatures along the coast of Labrador and Newfoundland were below normal. Monthly average temperatures were most anomalous during the first part of this period as for instance in February when the average temperature was 4°C below normal (fig. 70). Temperatures approached normal as the year progressed, but even as late as May (fig. 71) temperatures were still 2°C below normal. Temperatures recorded in the spring at four stations along the eastern Canadian coast (Table 2) were typical of these low values. It was not until June that temperatures increased to above normal and were high enough to cause substantial melting. Another indication of these conditions are frost degree day accumulations. From seven of the reporting stations in western Greenland and eastern Canada, it can be seen that record accumulations existed in each case (U.S. NAV-OCEANO, 1972). Thus melting due to air temperature was also less than normal in 1972.

Precipitation

As has been noted by Wolford (1972) and other authors, iceberg deterioration is accelerated during the passing of a storm and its associated front. It was further concluded that this is caused by increased rains as well as the increased winds that accompany such storms. Wolford (1972) also presents an example demonstrating the huge heat transfer that can result from such rain. This rapid heat transfer causes increased melting as well as increased internal stresses that may cause the iceberg to calve.

It has been noted that the number of storms passing through the region of interest was greater than normal during the winter of 1971-1972 and the spring of 1972. However, due to the colder than normal conditions which prevailed, according to the weather log from October 1971 through July 1972 at the representative stations at Goose Bay, Newfoundland, Gander, Newfoundland, and St. John's (Torbay),

TABLE 2.—Monthly Average Air Temperature and Deviation From Average In °C

	APRIL		MAY		JUNE	
	AVE	DEV	AVE	DEV	AVE	DEV
HOPEDALE -----	-9.5	-4.4	-1.1	-2.8	5.0	-2.2
CARTWRIGHT -----	-7.2	-4.4	-0.6	-3.9	7.8	-1.1
ST. ANTHONY -----	-4.4	-3.3	0.0	-3.3	6.7	-1.1
ST. JOHN'S -----	0.0	-1.1	5.0	-0.6	15.0	4.4

Newfoundland (U.S. Dept. of Commerce, 1972) more snowfall and less rainfall than normal resulted. This snowfall resulted in a sharp increase in snow cover between 1970 and 1971 (Kukla and Kukla, 1974), and an increased snow cover also in 1972. The cold temperature of

snow prohibits iceberg melting and in addition a layer of snow on an iceberg will insulate it from solar radiation which will also help reduce melting. Thus during the 1972 ice season, precipitation in the form of snow caused less iceberg deterioration than normal.

CONCLUSIONS

The record number of icebergs drifting into the North Atlantic Ocean in 1972 was a result of all critical meteorological and oceanographic being favorable for such drift prior to and during the ice season. The single most important factor in this record year was the increased intensity of the Icelandic Low. This resulted in the favorable northwesterly winds carrying

colder than normal air temperatures, which in turn helped produce greater ice cover, lower sea temperatures, and less rainfall. Although the change in the Icelandic Low was the single most important change from the previous season it is noted that each condition discussed here is necessary for a record year. A change in any one would have caused a reduced iceberg count.

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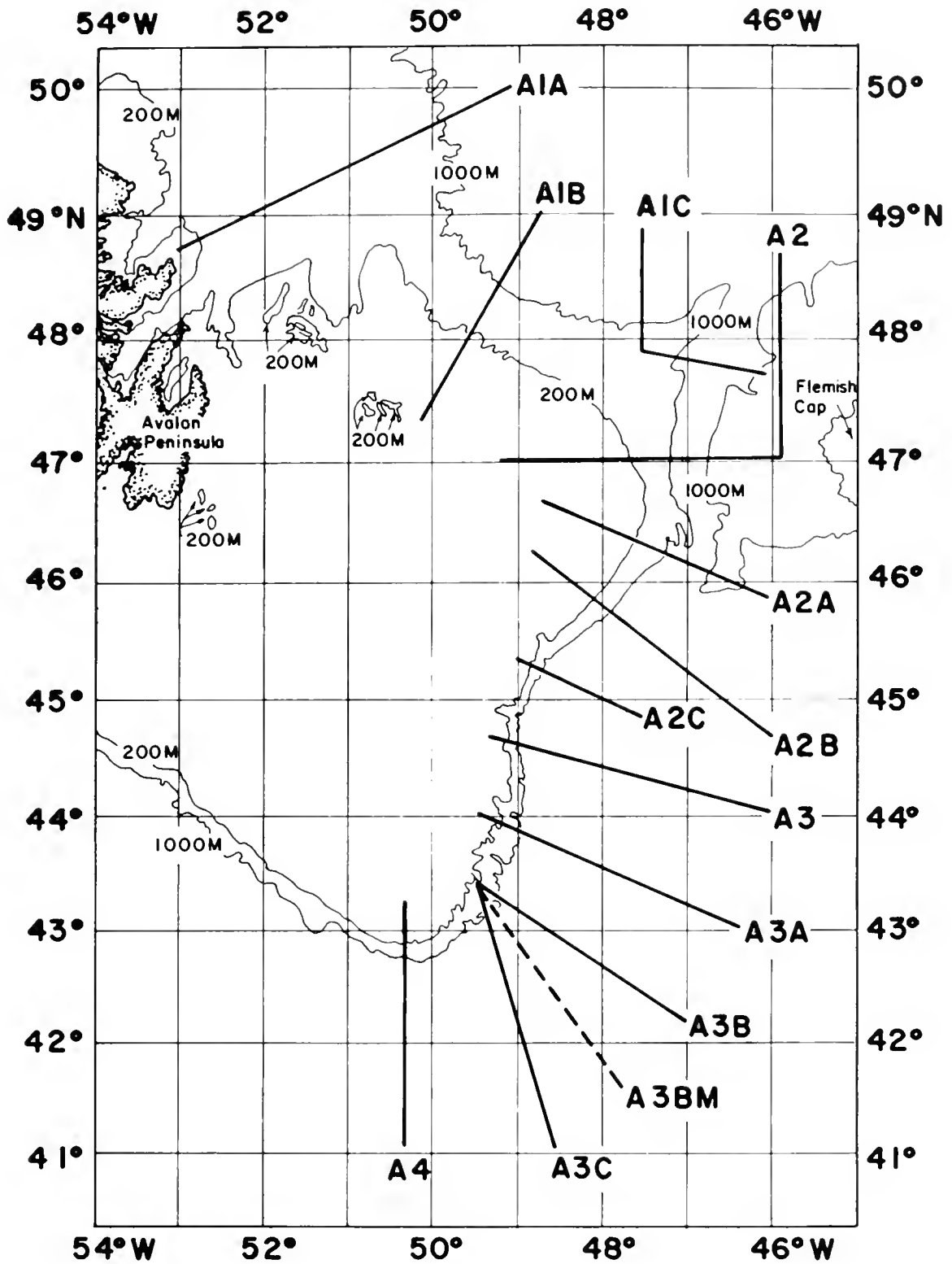


FIGURE 1. Standard International Ice Patrol Sections.

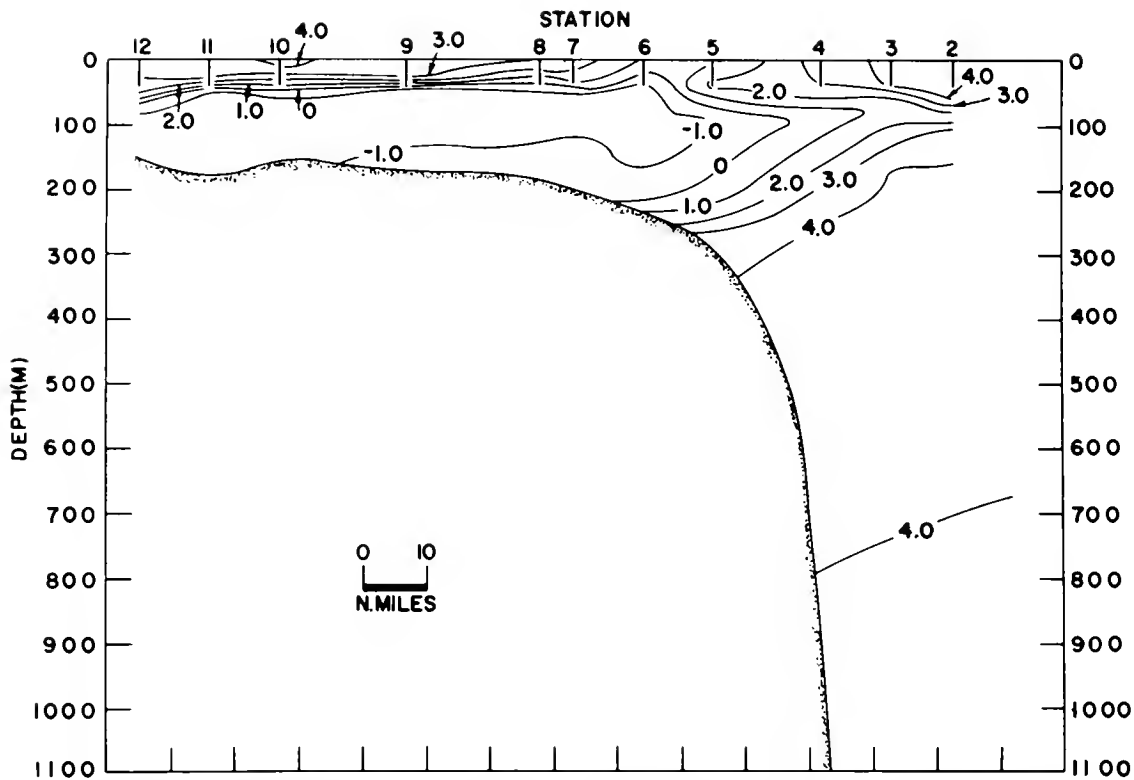


FIGURE 2. Vertical temperature ($^{\circ}\text{C}$) profile for section A1 occupied by CGC SPENCER, 21-22 September 1972.

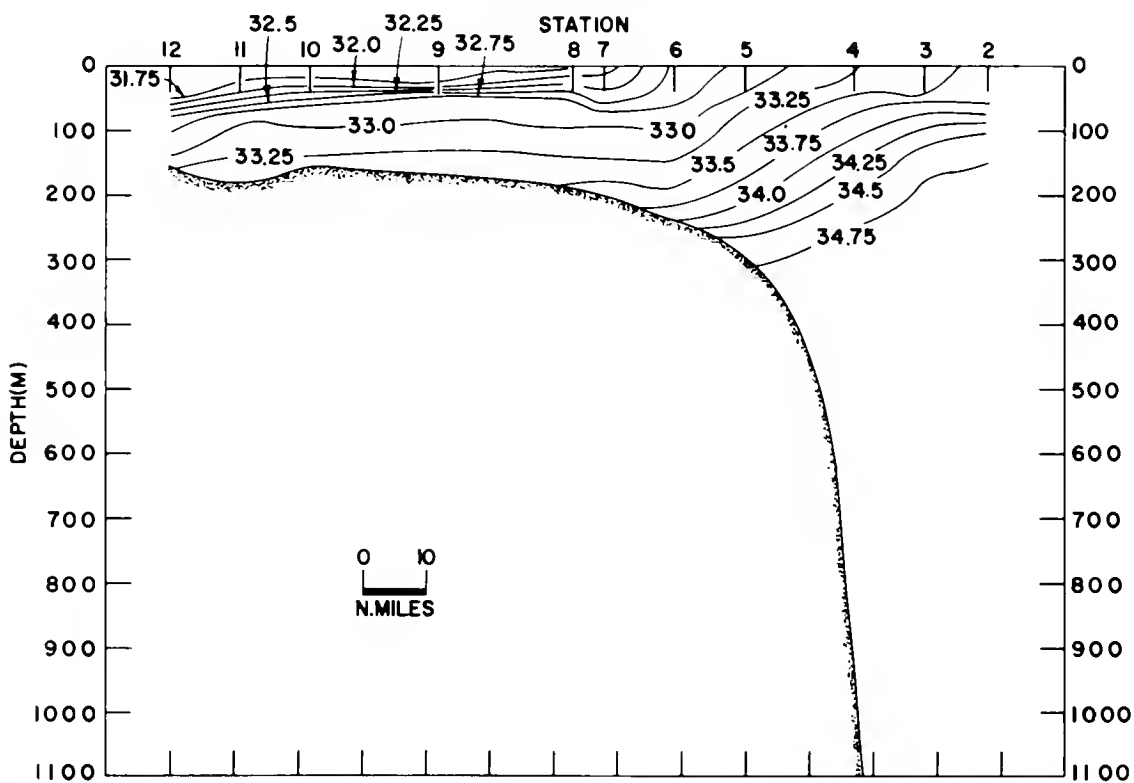


FIGURE 3. Vertical salinity ($^{\circ}/_{\text{oo}}$) profile for section A1 occupied by CGC SPENCER, 21-22 September 1972.

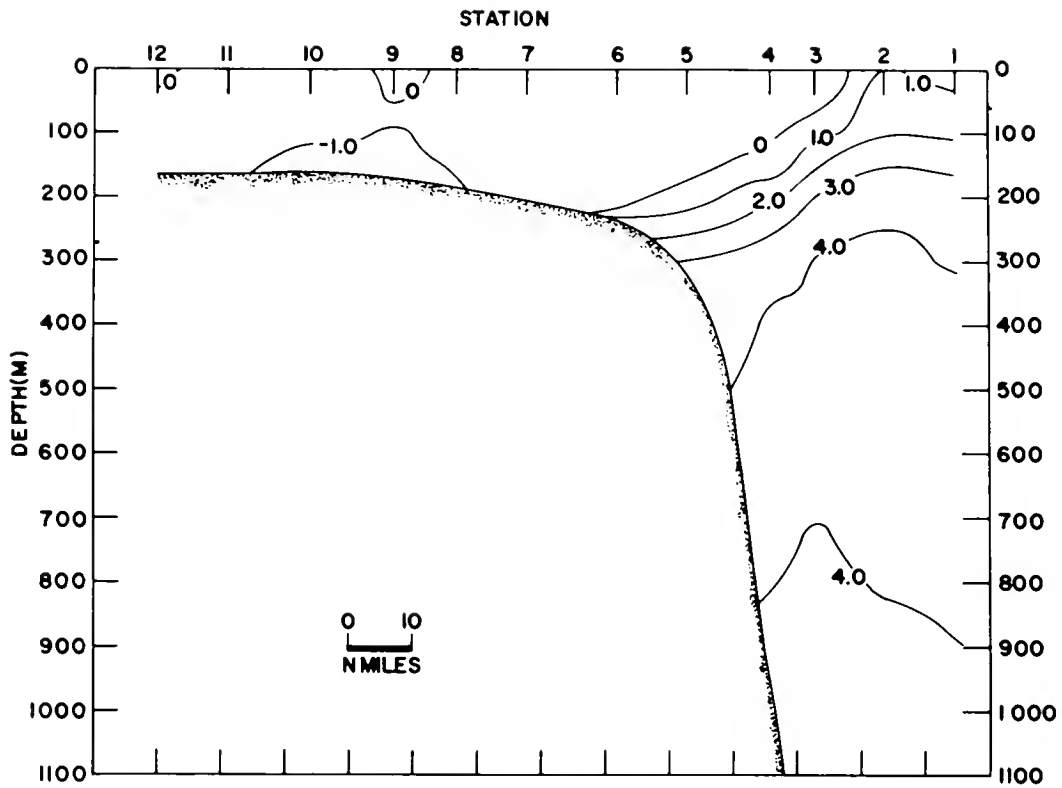


FIGURE 4. Vertical temperature ($^{\circ}\text{C}$) profile for section A1 occupied by CGC SHERMAN 20-22 November 1972.

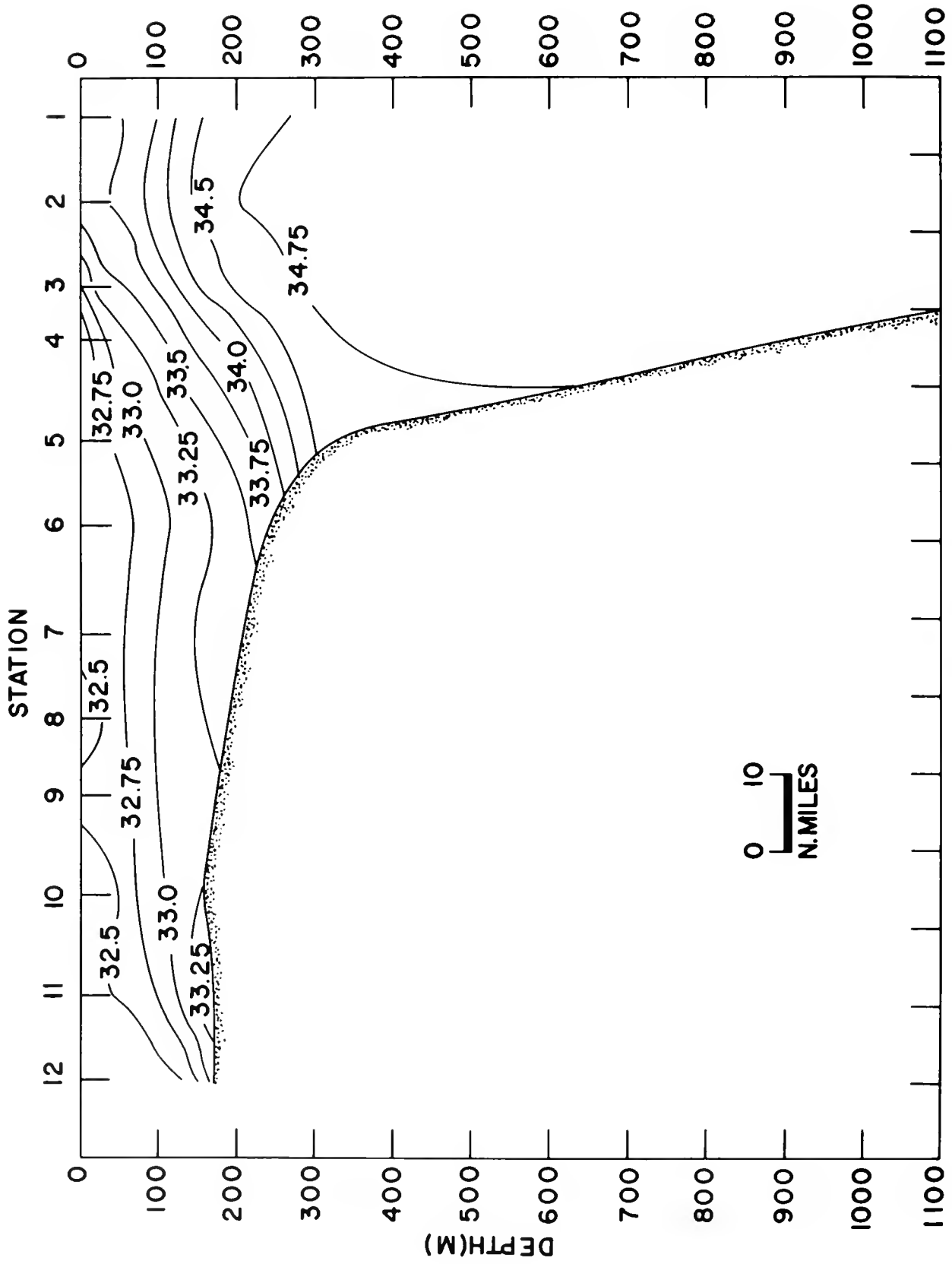


FIGURE 5. Vertical salinity ($^{\circ}/_{\infty}$) profile for section A1 occupied by CGC SHERMAN, 20-22 November 1972.

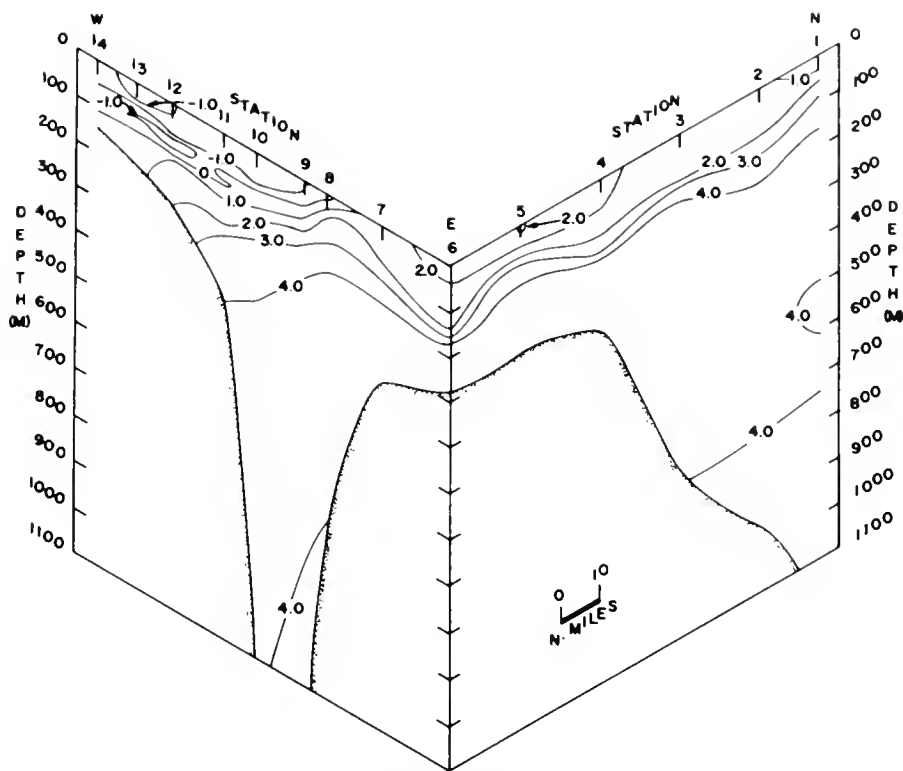


FIGURE 6. Vertical temperature ($^{\circ}\text{C}$) profile for section A2 occupied by CGC GALLATIN, 18-19 March 1971.

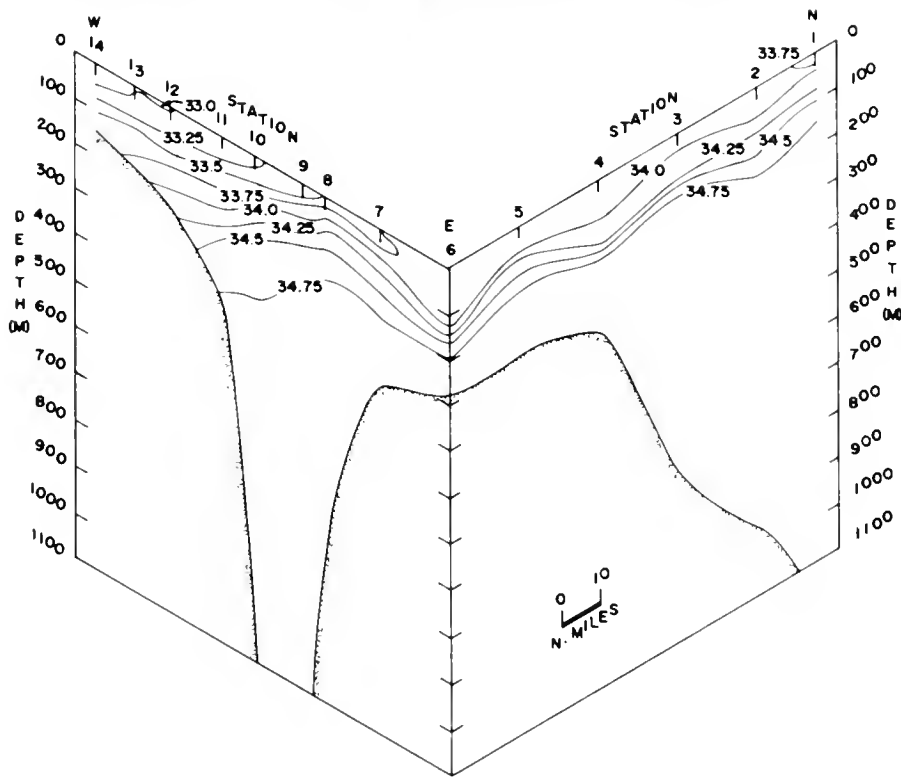


FIGURE 7. Vertical salinity (‰) profile for section A2 occupied by CGC GALLATIN, 18-19 March 1971.

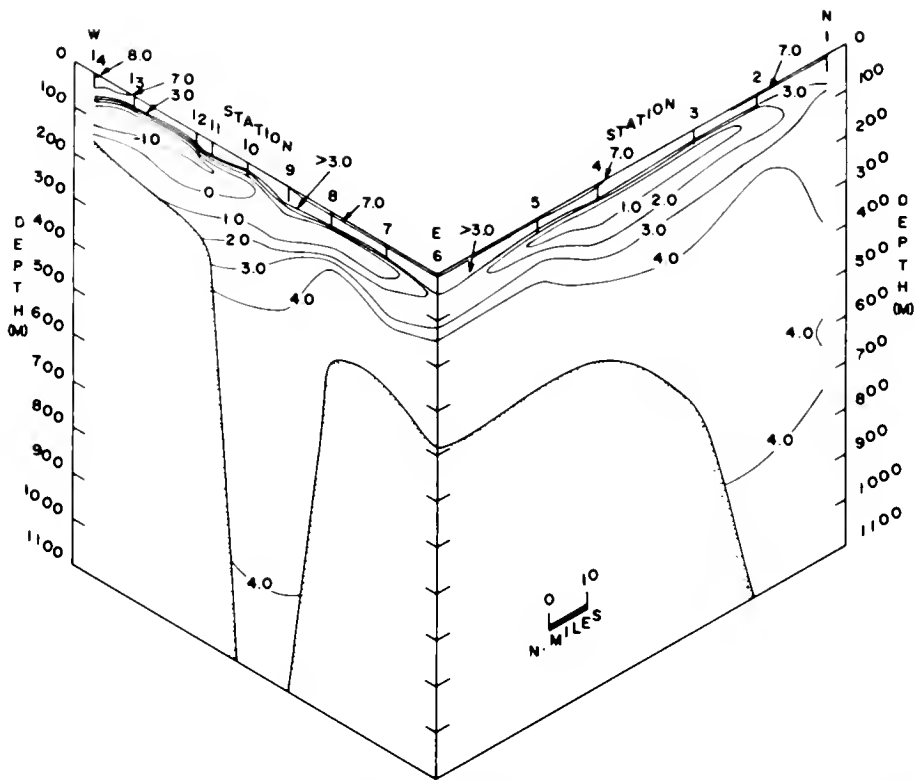


Figure 8. Vertical temperature ($^{\circ}\text{C}$) profile for section A2 occupied by CGC CAMPBELL, 14-16 July 1971.

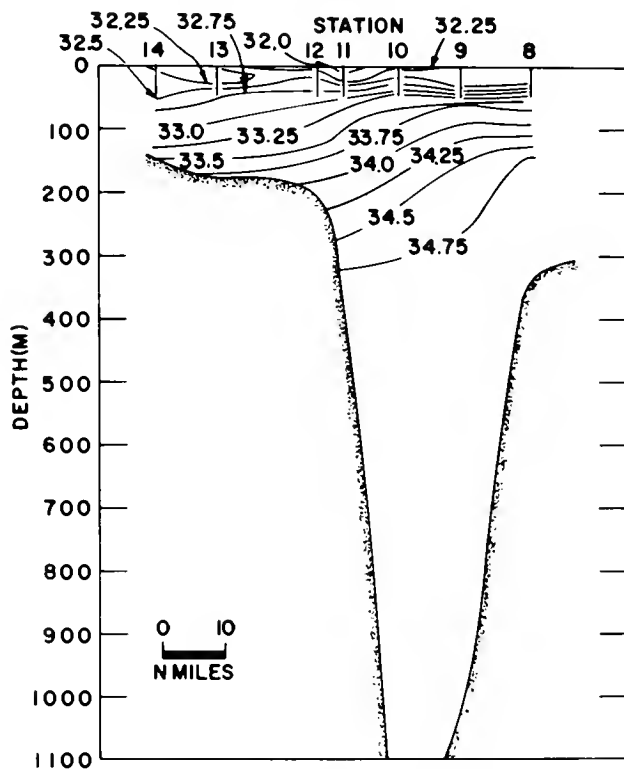


Figure 9. Vertical salinity ($^{\circ}\text{‰}$) profile for section A2 occupied by CGC CAMPBELL, 14-16 July 1971.

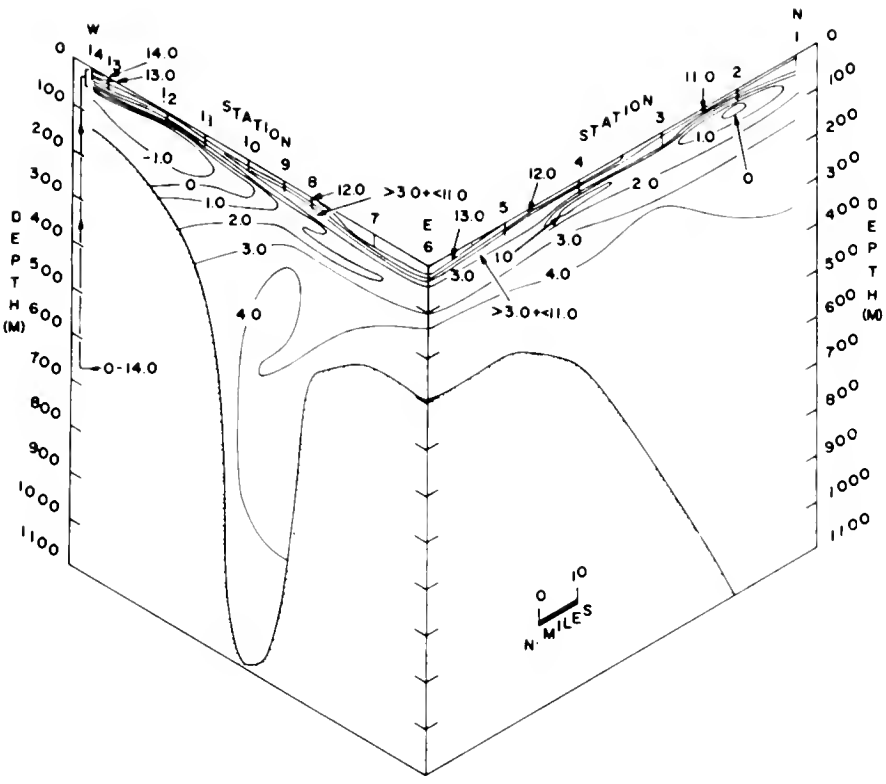


FIGURE 10. Vertical temperature ($^{\circ}$ C) profile for section A2 occupied by CGC CHASE, 27-29 August 1971.

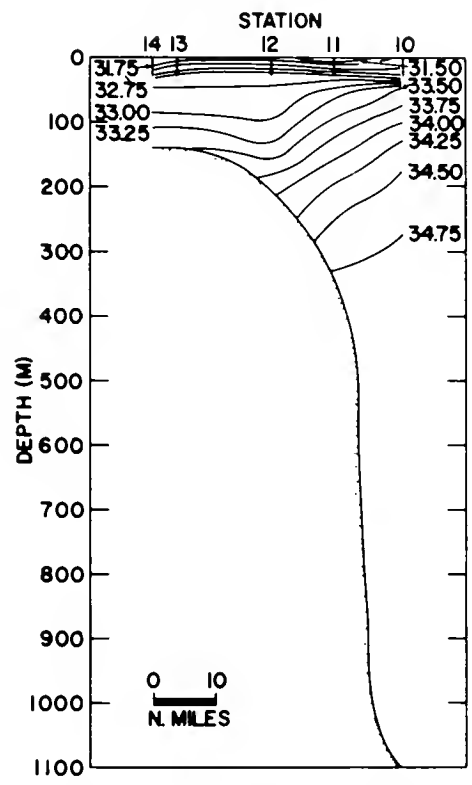


FIGURE 11. Vertical salinity ($^{\circ}$ ‰) profile for section A2 occupied by CGC CHASE, 27-29 August 1971.

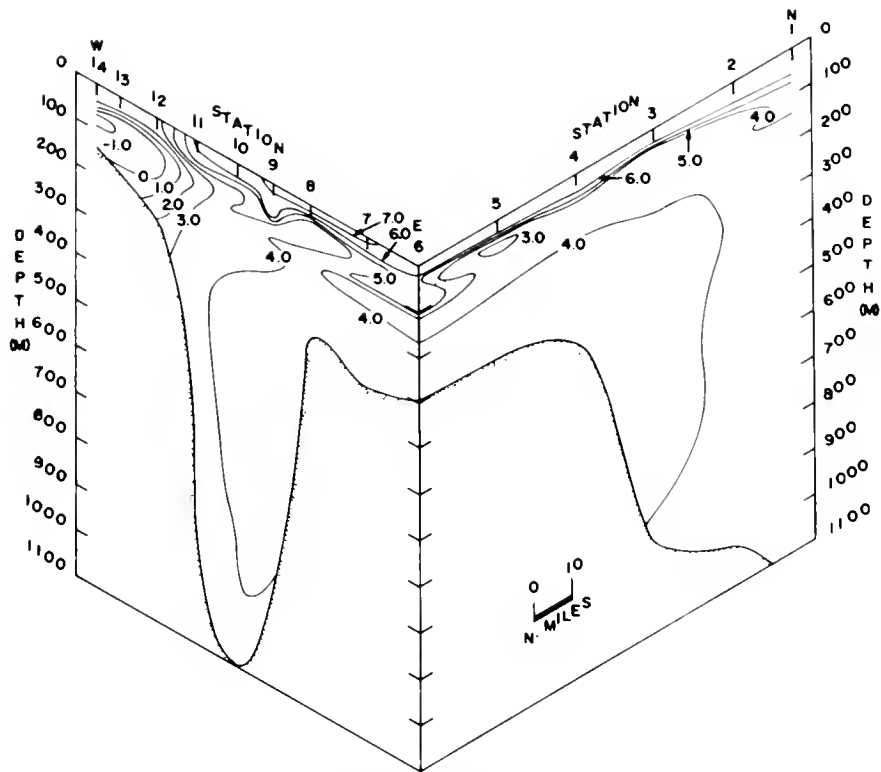


FIGURE 12. Vertical temperature ($^{\circ}\text{C}$) profile for section A2 occupied by CGC DALLAS, 9-10 November 1971.

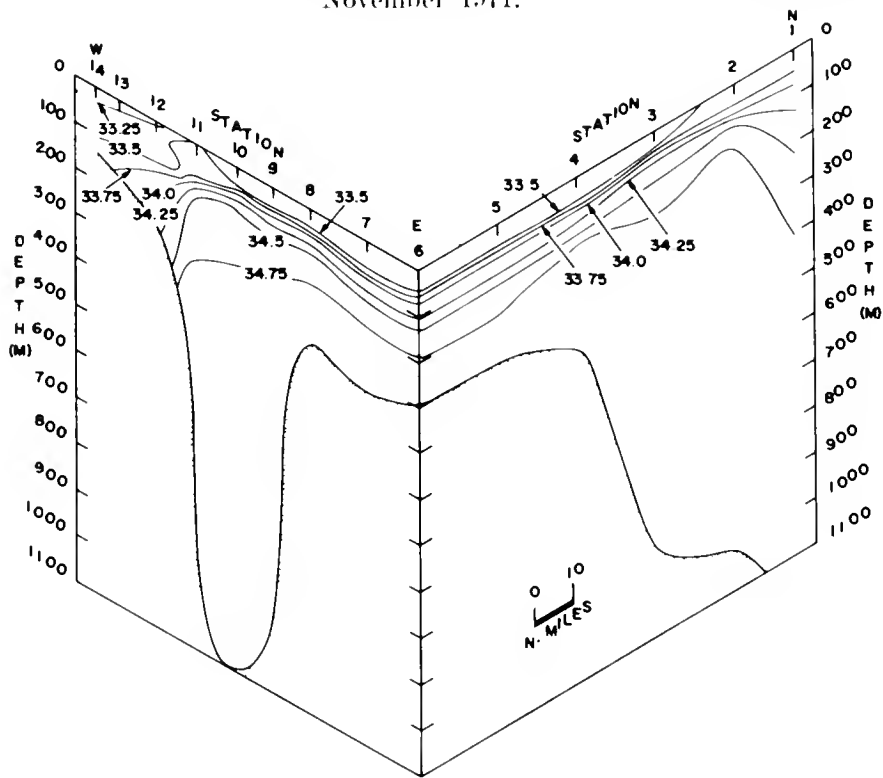


FIGURE 13. Vertical salinity (‰) profile for section A2 occupied by CGC DALLAS, 9-10 November 1971.

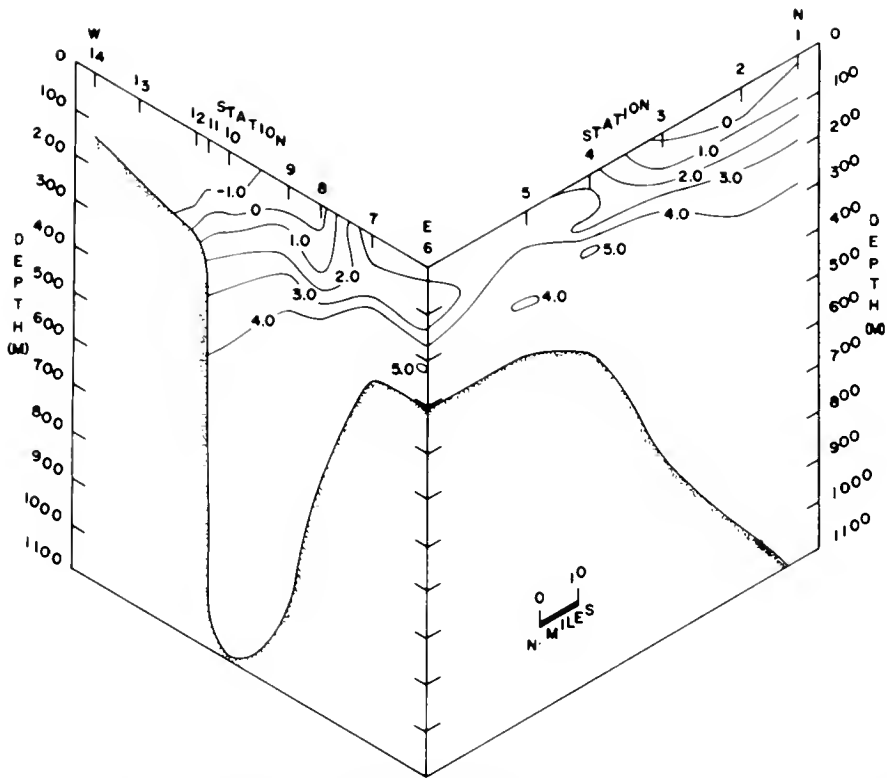


Figure 14. Vertical temperature (C) profile for section A2 occupied by CGC SHERMAN, 20-22 March 1972.

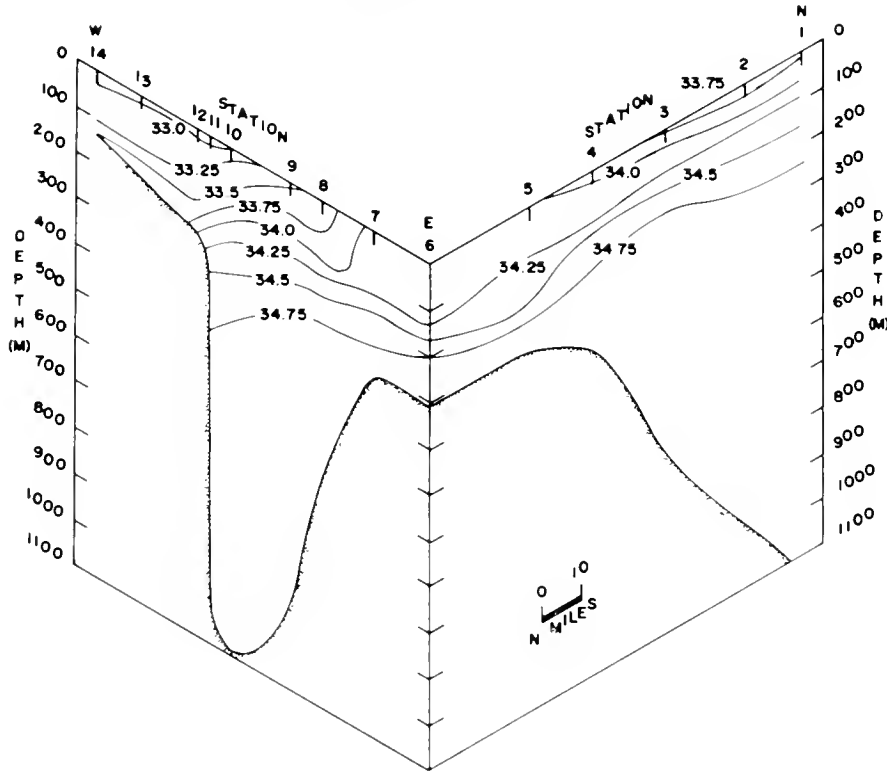


Figure 15. Vertical salinity (‰) profile for section A2 occupied by CGC SHERMAN, 20-22 March 1972.

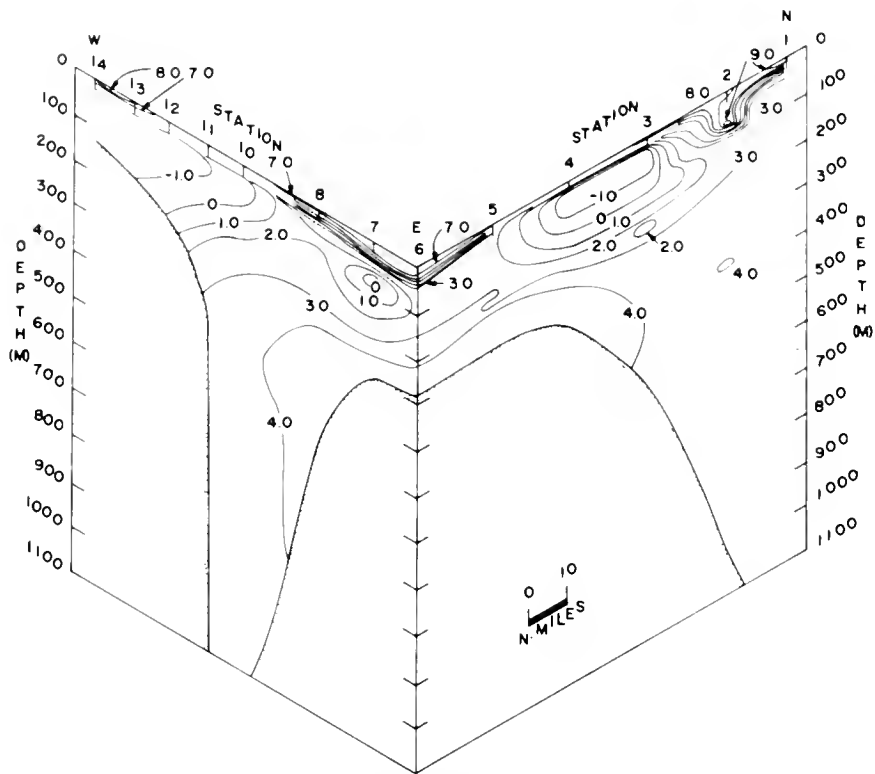


Figure 16. Vertical temperature ($^{\circ}\text{C}$) profile for section A2 occupied by CGC SHERMAN, 5-7 August 1972.

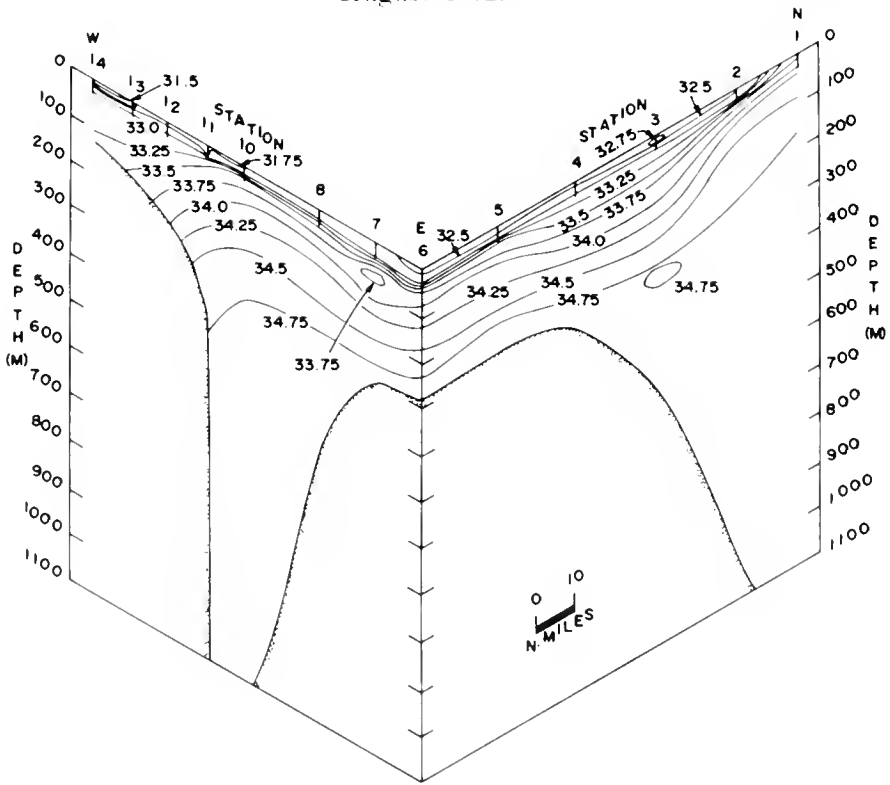


Figure 17. Vertical salinity (‰) profile for section A2 occupied by CGC SHERMAN, 5-7 August 1972.

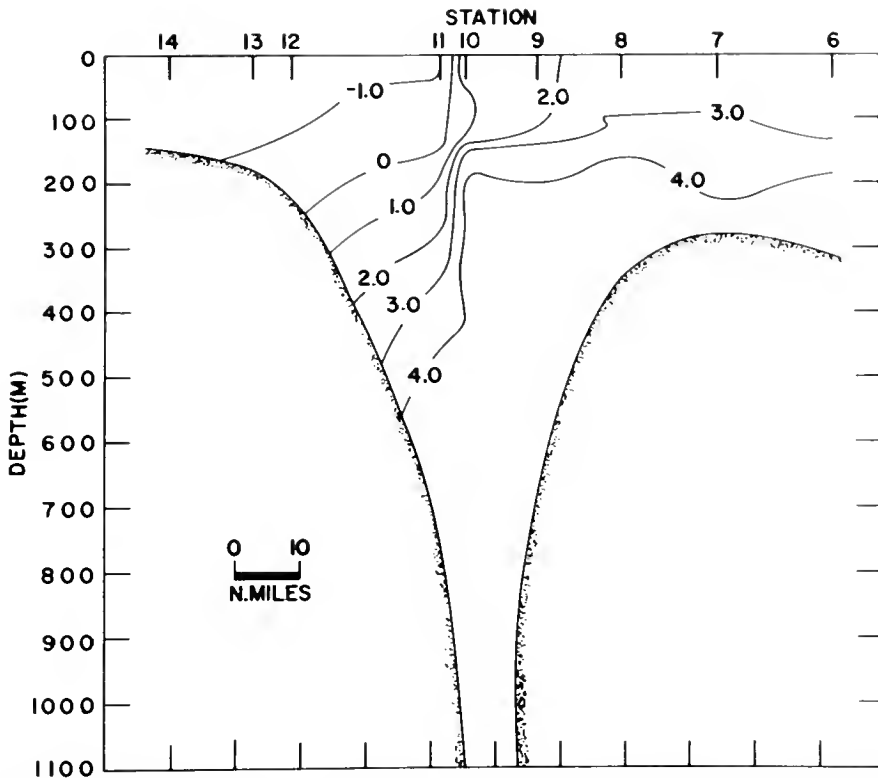


FIGURE 18. Vertical temperature ($^{\circ}\text{C}$) profile for section A2 occupied by CGC GALLATIN, 31 December 1972-1 January 1973.

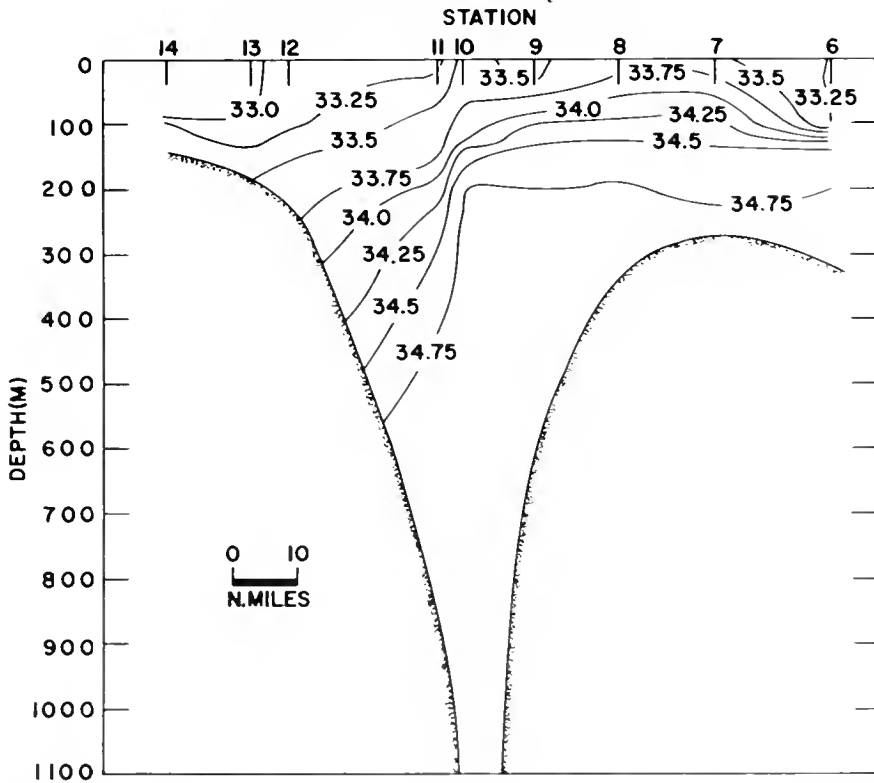


FIGURE 19. Vertical salinity (‰) profile for section A2 occupied by CGC GALLATIN, 31 December 1972-1 January 1973.

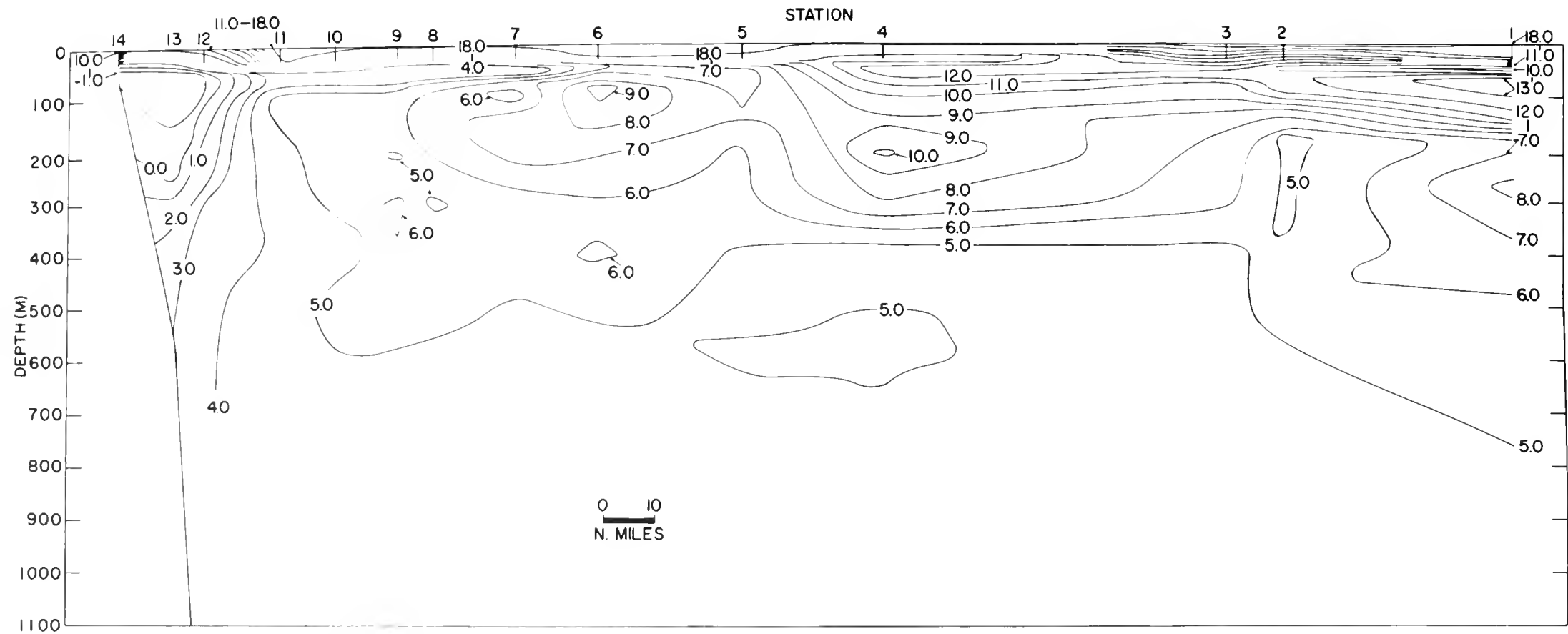


FIGURE 20. Vertical temperature ($^{\circ}$ C) profile for section AB occupied by CGC HAMILTON, S
10 September 1972.

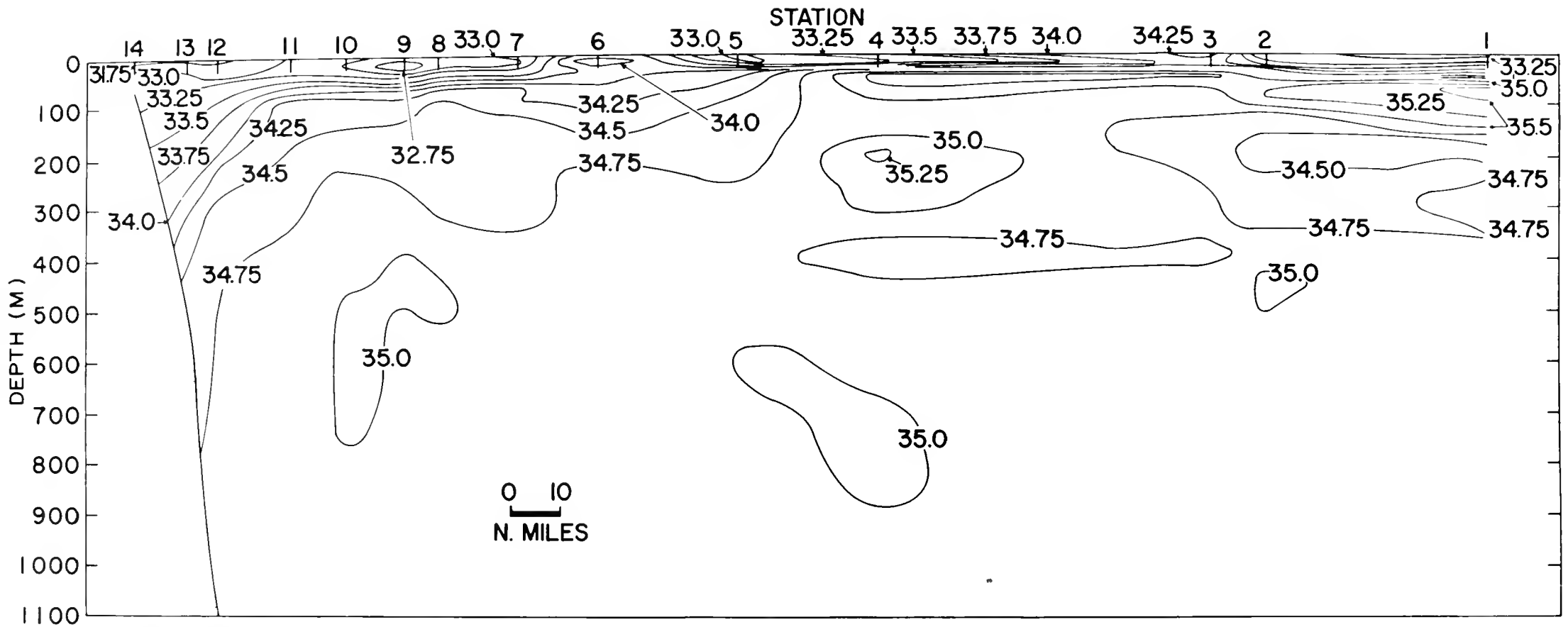


FIGURE 21. Vertical salinity (σ_{θ}) profile for section A3 occupied by CGC HAMILTON, 8-10 September 1972.

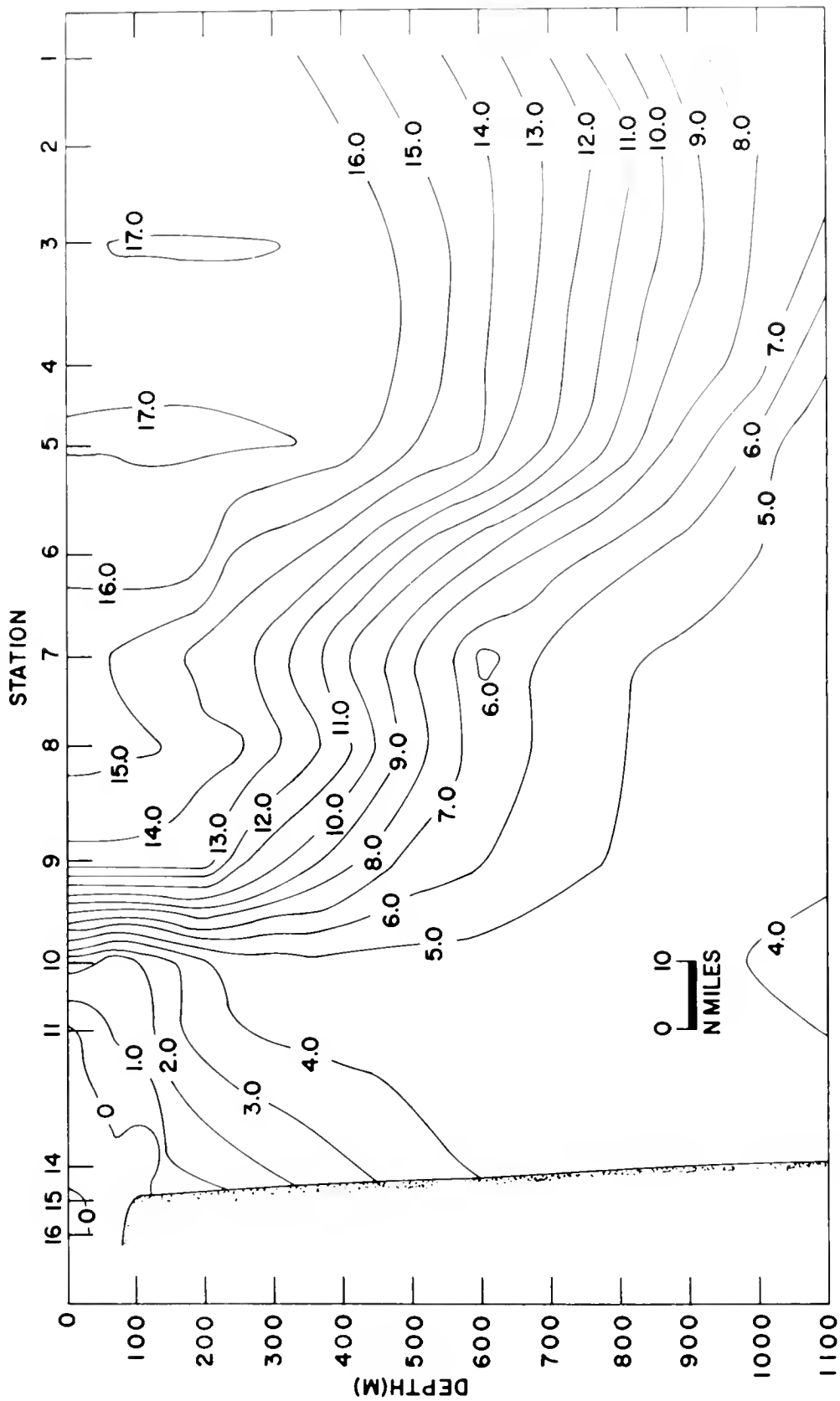


FIGURE 22. Vertical temperature ($^{\circ}\text{C}$) profile for section A4 occupied by CGC DALLAS, 7-9 March 1971.

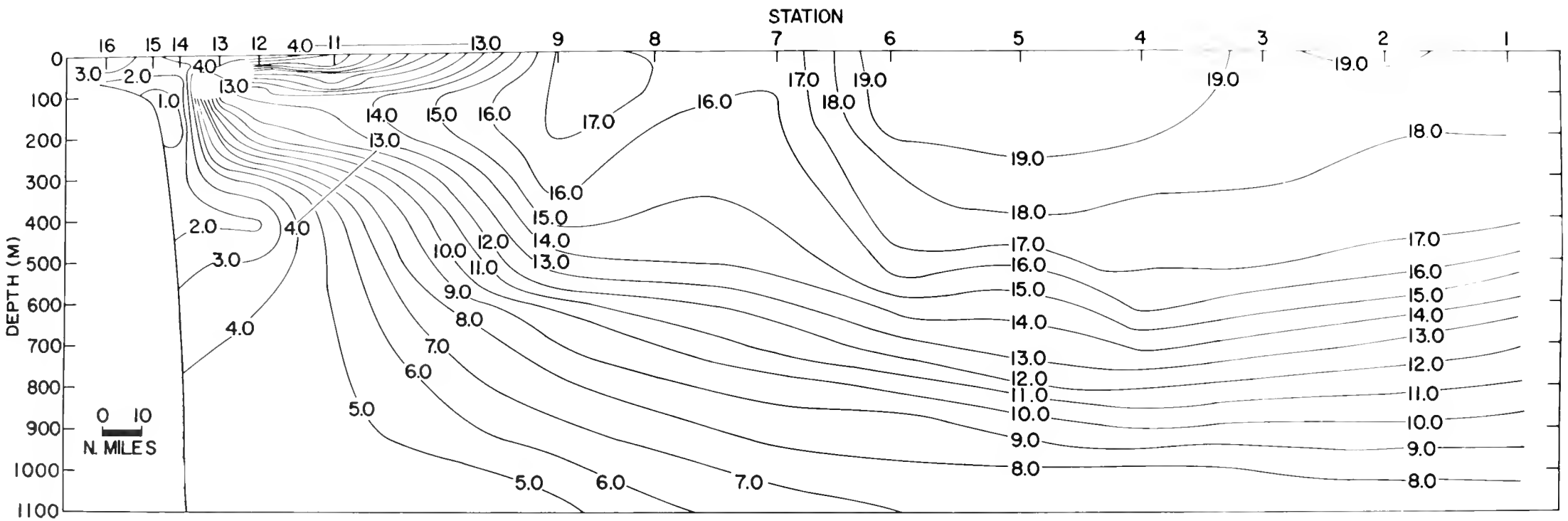


FIGURE 23. Vertical temperature ($^{\circ}$ C) profile for section A1 occupied by CGC GALLATIN, 5-8 January 1972.

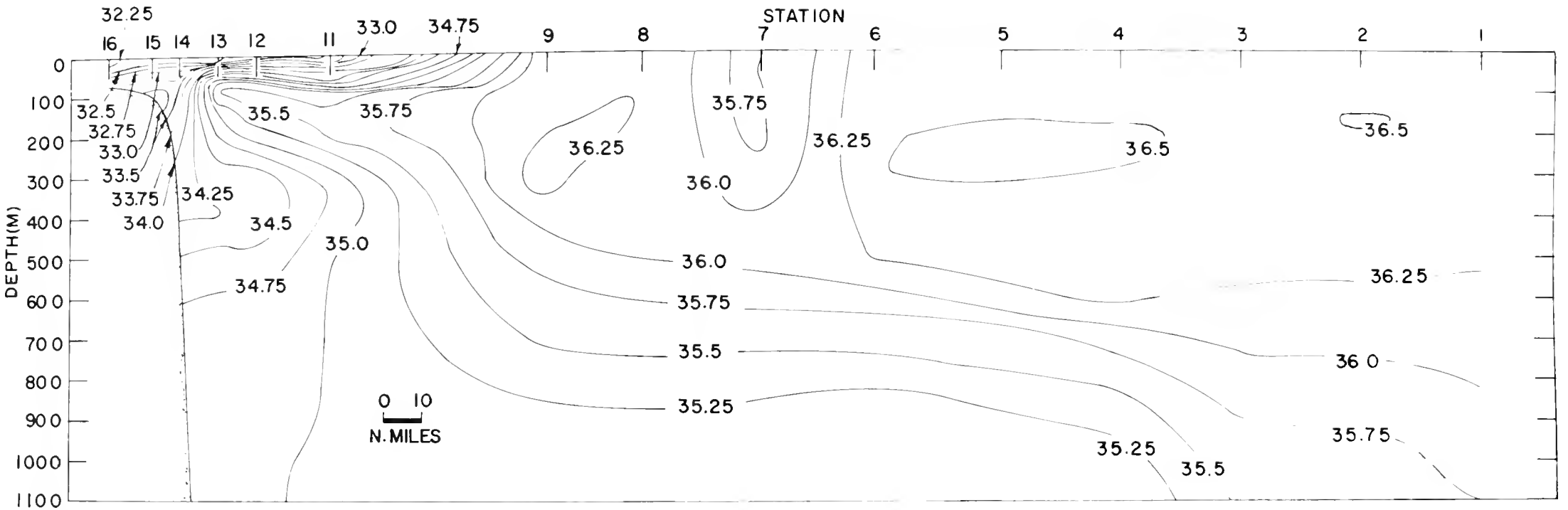


Figure 24. Vertical salinity ($^{\circ}\text{‰}$) profile for section A1 occupied by CGC GALLATIN, 5-8 January 1972.

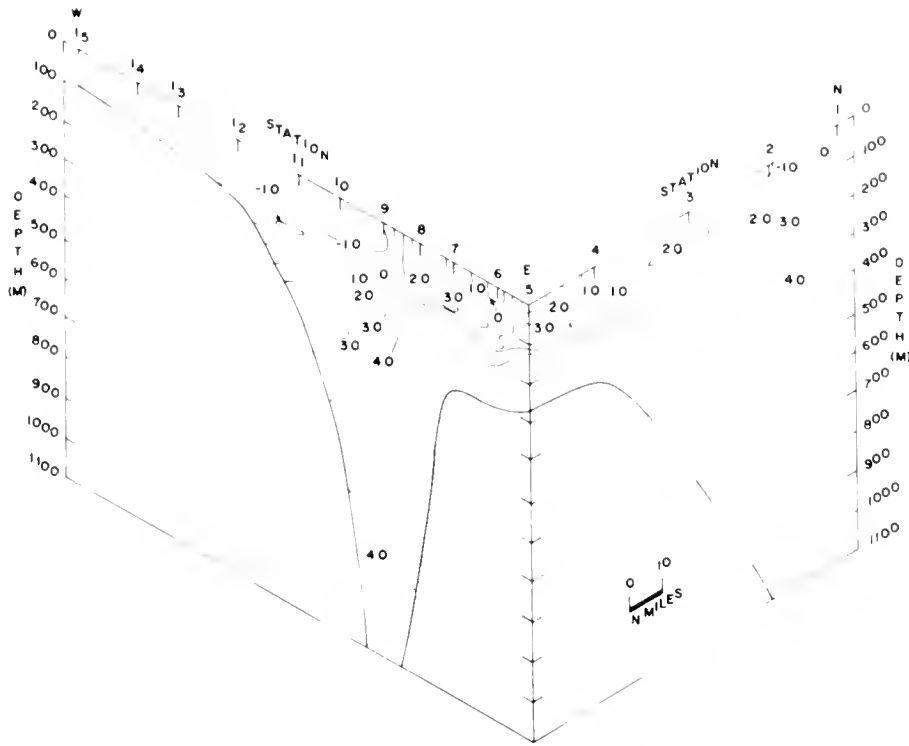


Figure 25. Vertical temperature ($^{\circ}\text{C}$) profile for section A2 occupied by CGC EVERGREEN, 7-9 April 1972.

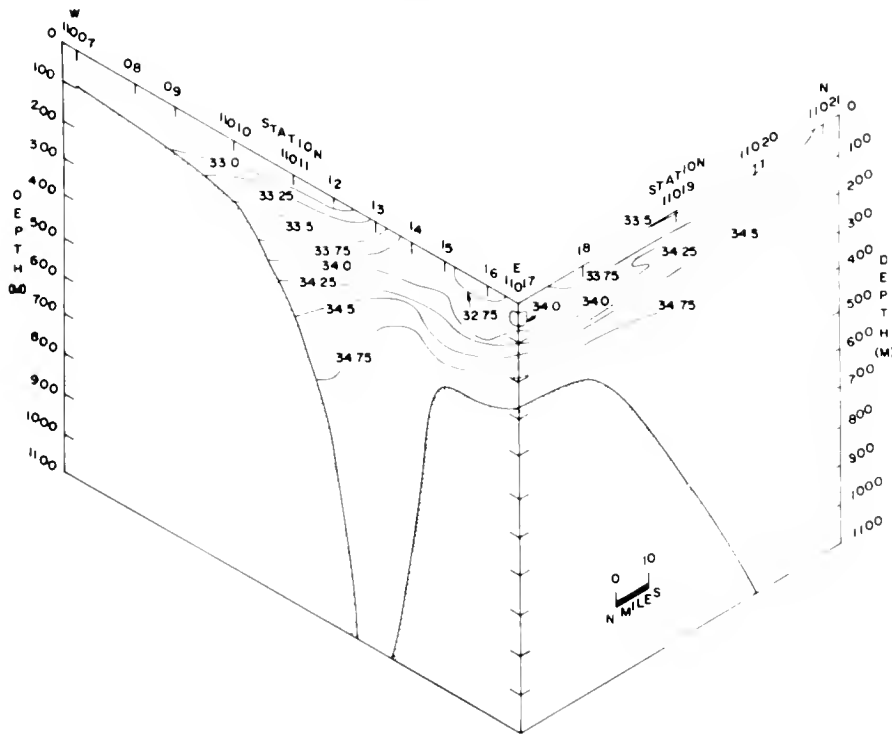


Figure 26. Vertical salinity (‰) profile for section A2 occupied by CGC EVERGREEN, 7-9 April 1972.

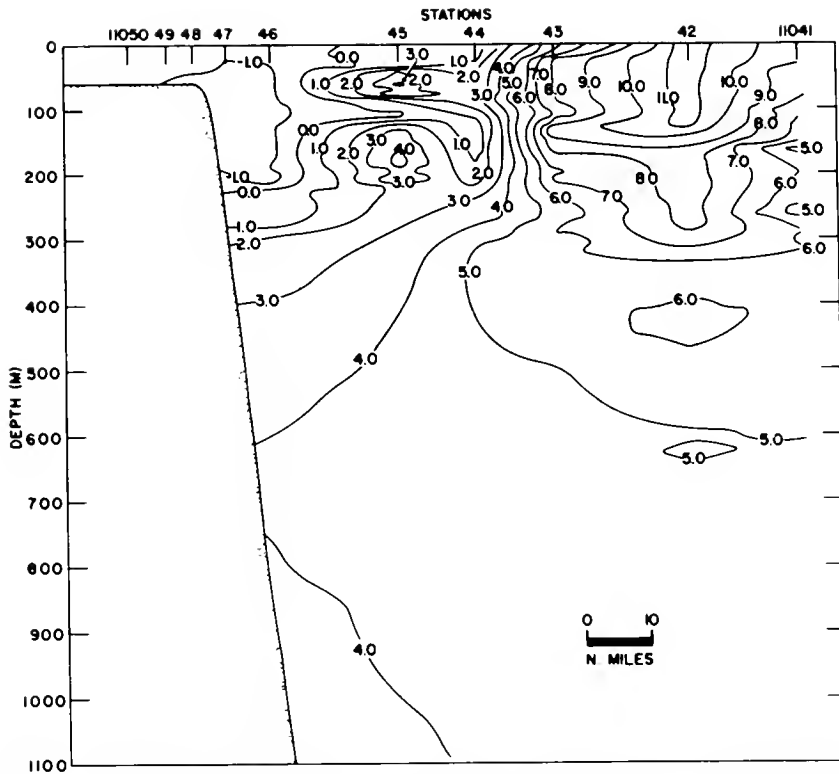


FIGURE 27. Vertical temperature ($^{\circ}\text{C}$) profile for section A3 occupied by CGC EVERGREEN, 12 April 1972.

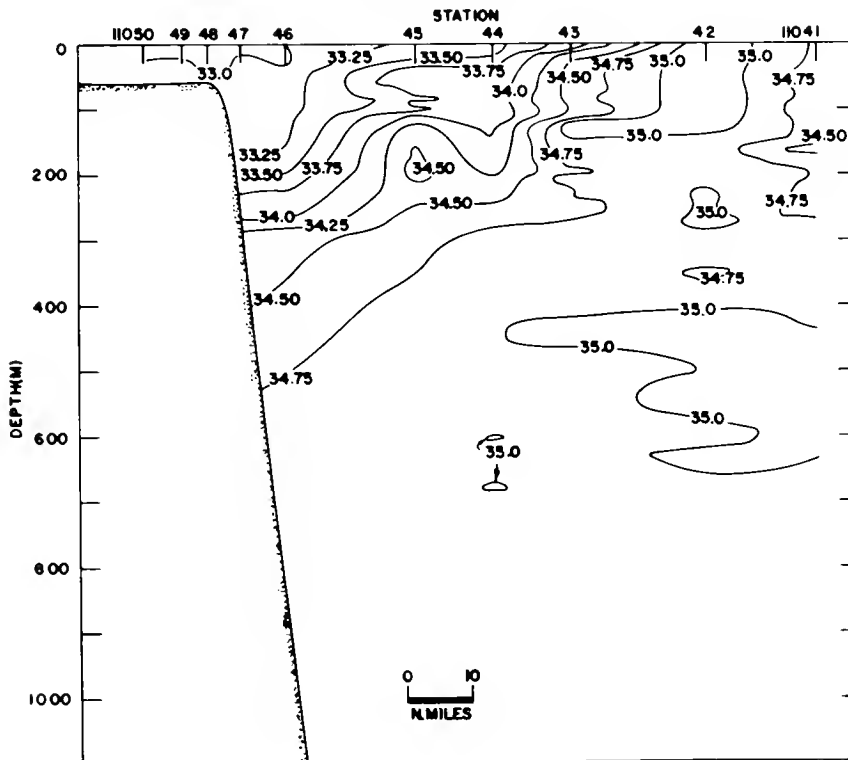


FIGURE 28. Vertical salinity (‰) profile for section A3 occupied by CGC EVERGREEN, 12 April 1972.

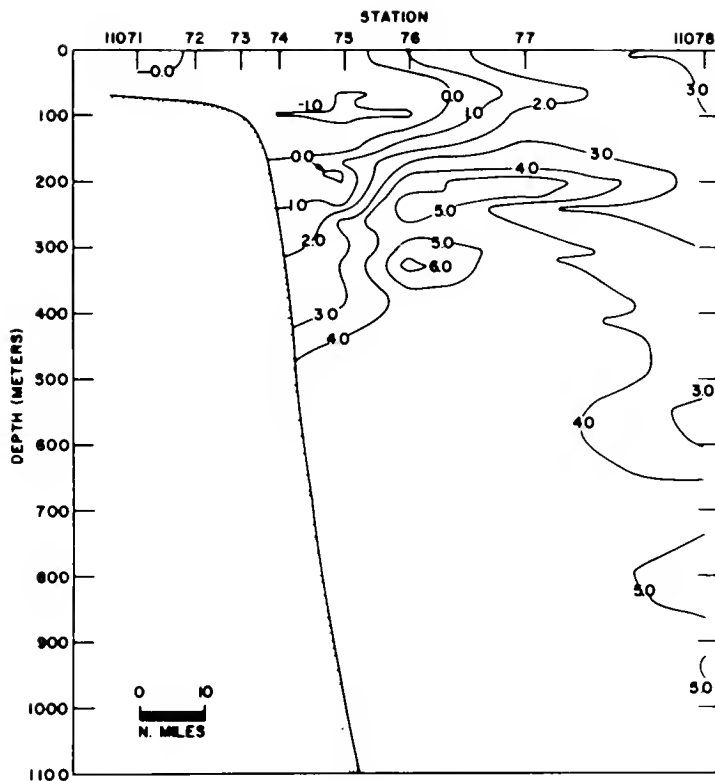


FIGURE 29. Vertical temperature ($^{\circ}\text{C}$) profile for section A4 occupied by CGC EVERGREEN, 18 April 1972.

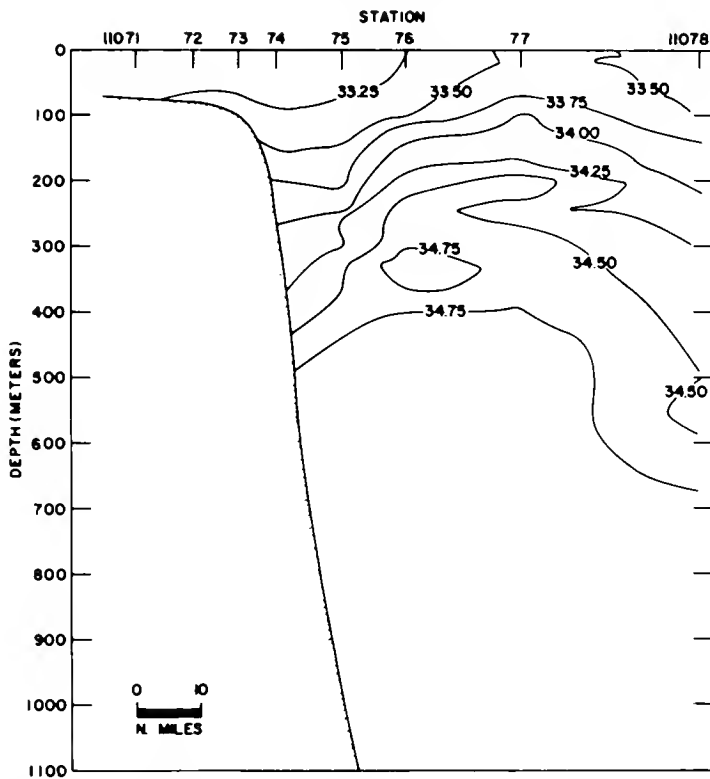


FIGURE 30. Vertical salinity ($^{\circ}\text{‰}$) profile for section A4 occupied by CGC EVERGREEN, 18 April 1972.

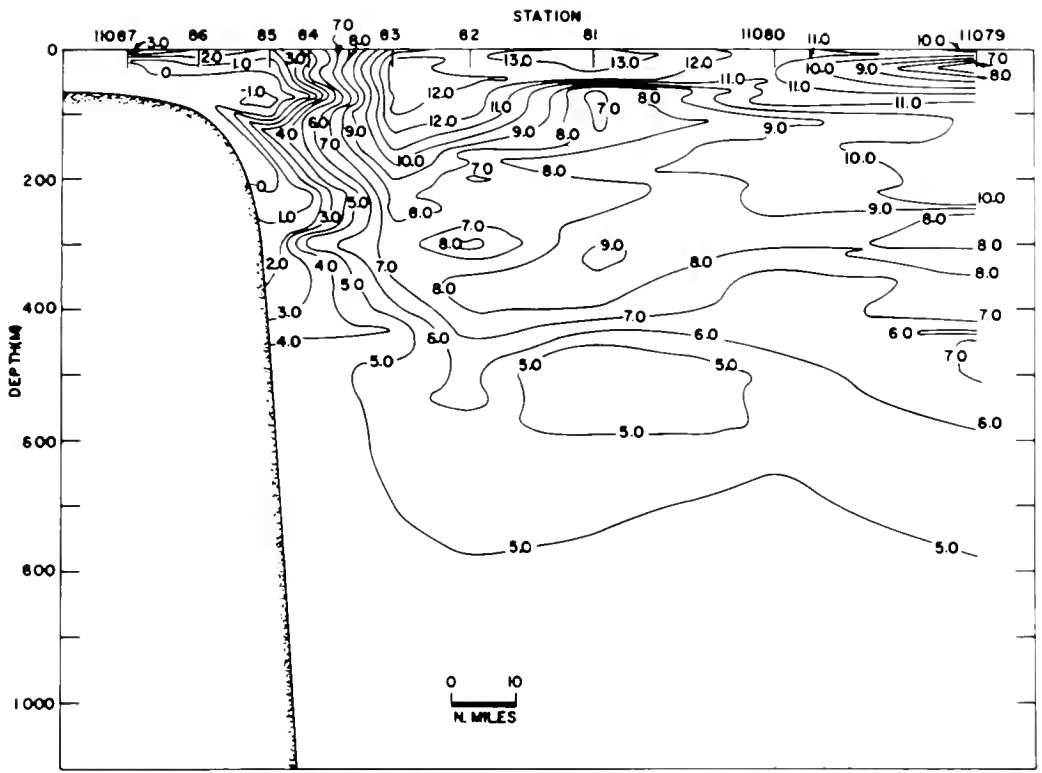


FIGURE 31. Vertical temperature ($^{\circ}\text{C}$) profile for section A4 occupied by CGC EVERGREEN, 9-10 May 1972.

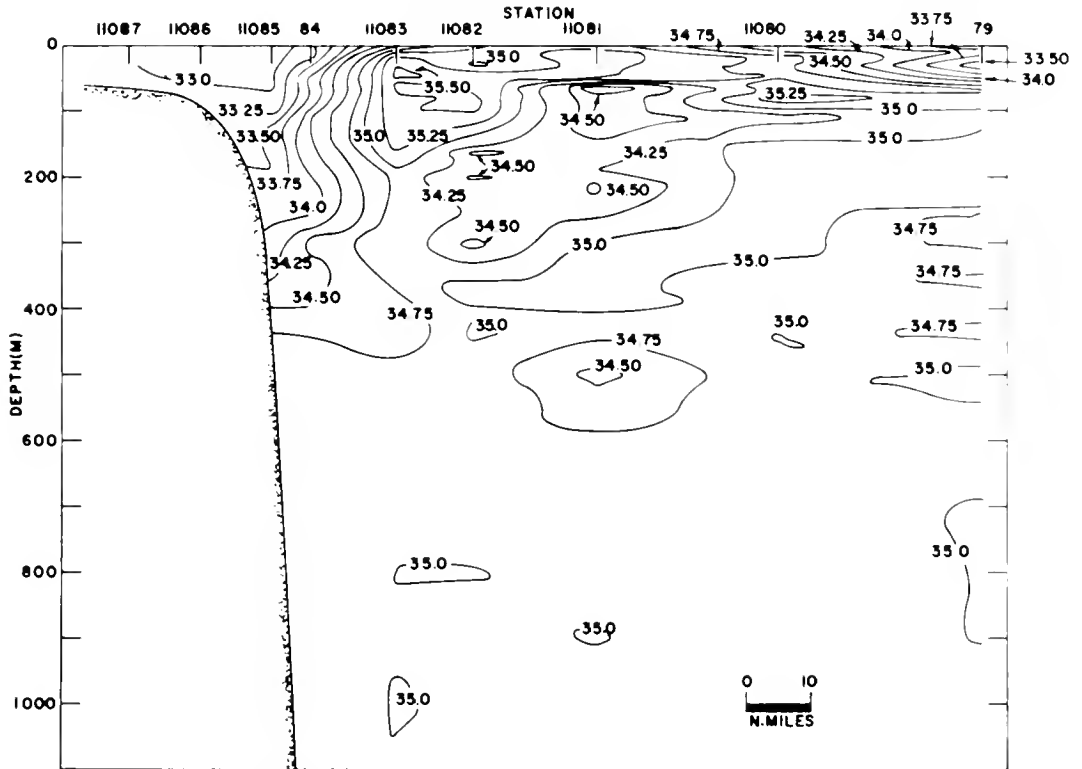


FIGURE 32. Vertical salinity ($^{\circ}\text{‰}$) profile for section A4 occupied by CGC EVERGREEN, 9-10 May 1972.

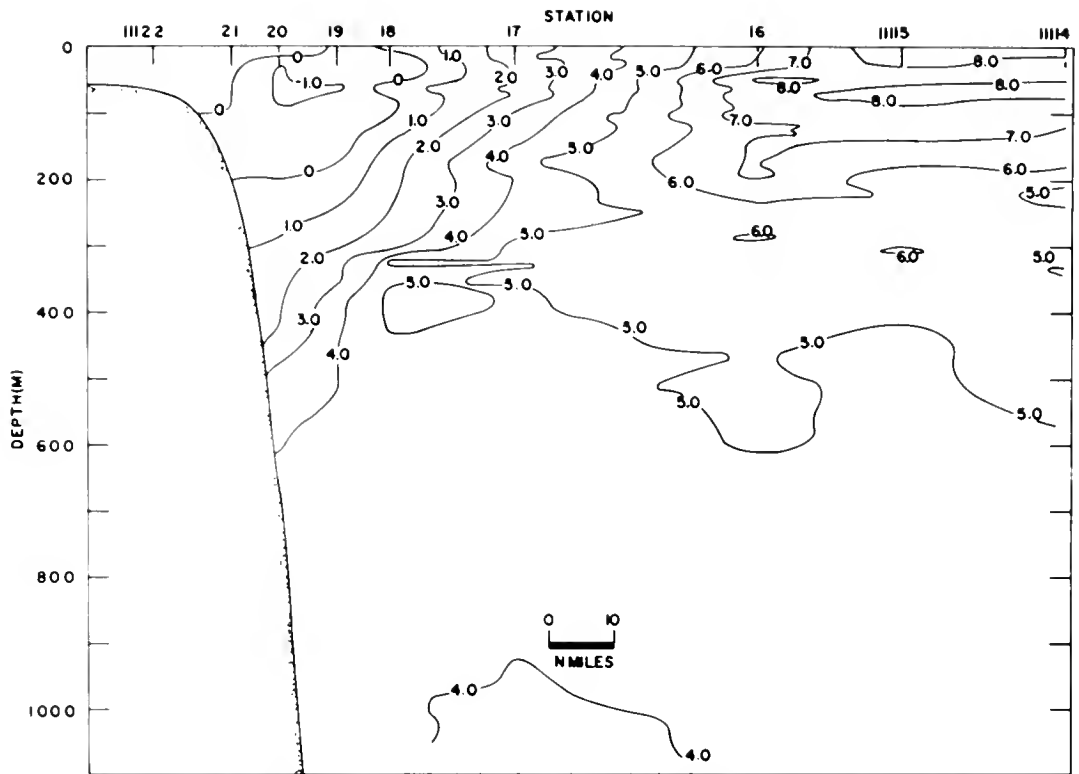


FIGURE 33. Vertical temperature ($^{\circ}\text{C}$) profile for section A3 occupied by CGC EVERGREEN, 13-14 May 1972.

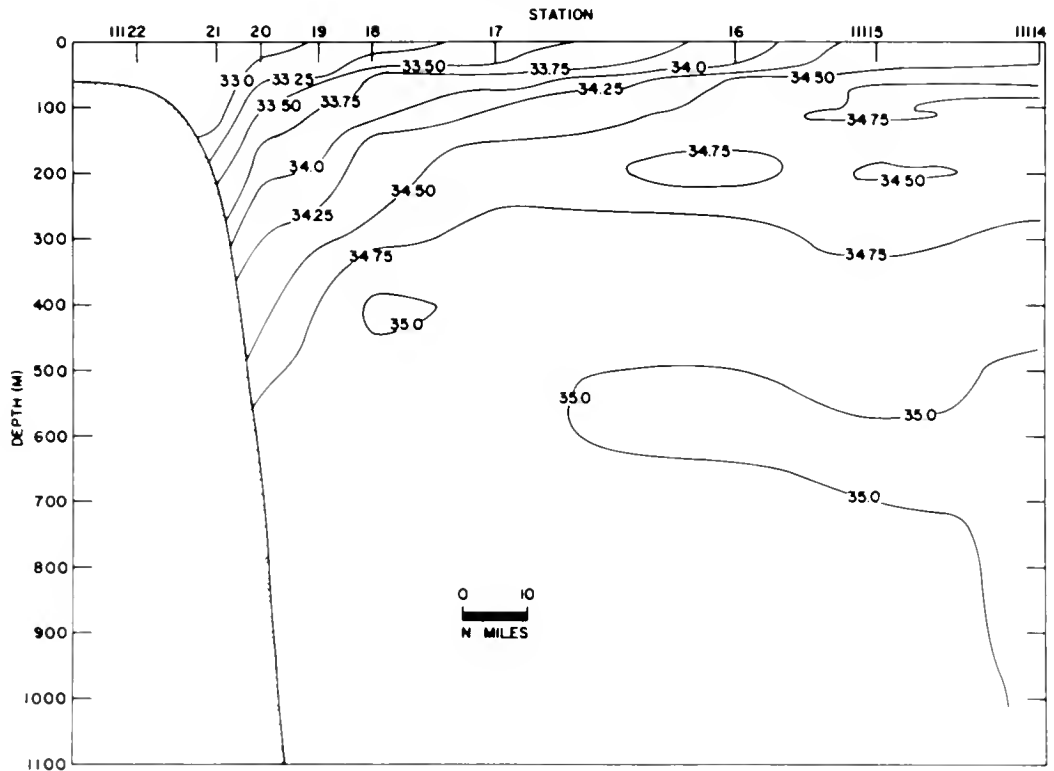


FIGURE 34. Vertical salinity (‰) profile for section A3 occupied by CGC EVERGREEN, 13-14 May 1972.

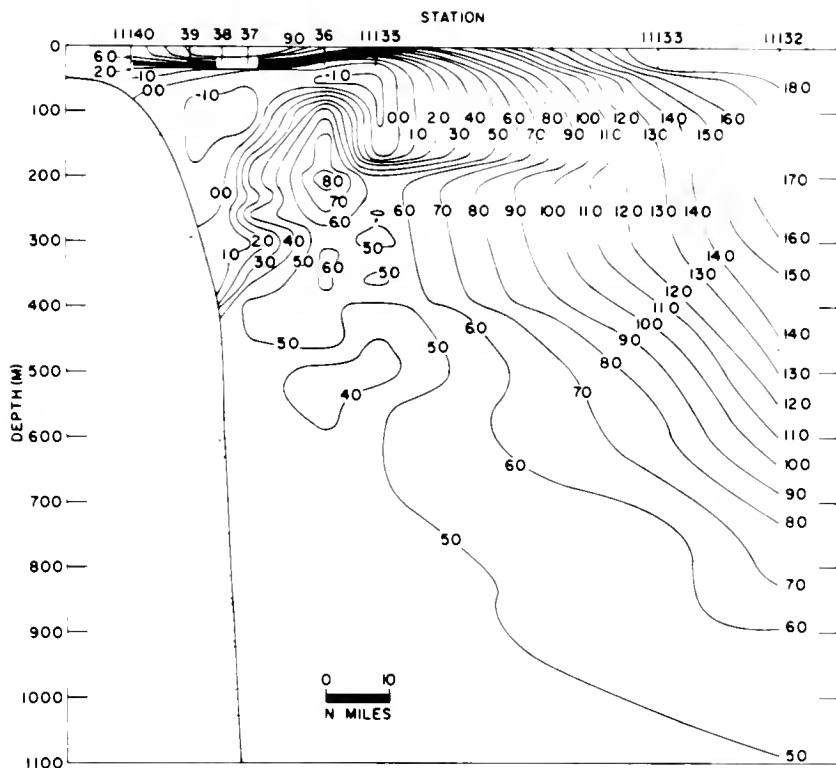


FIGURE 35. Vertical temperature ($^{\circ}\text{C}$) profile for section A4 occupied by CGC EVERGREEN, 7 June 1972.

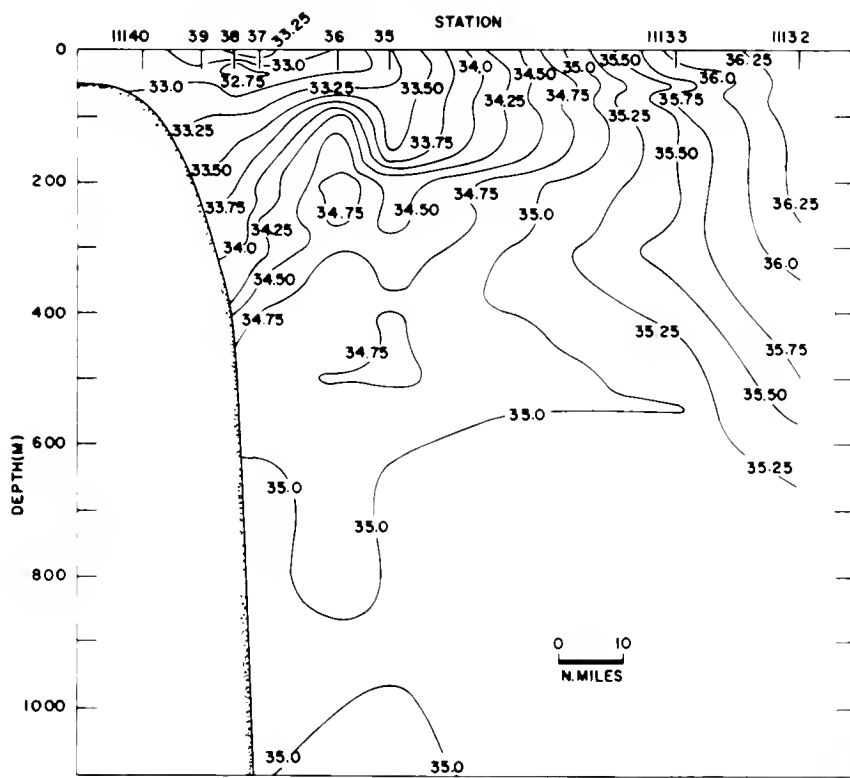


FIGURE 36. Vertical salinity ($^{\circ}/_{\infty}$) profile for section A4 occupied by CGC EVERGREEN, 7 June 1972.

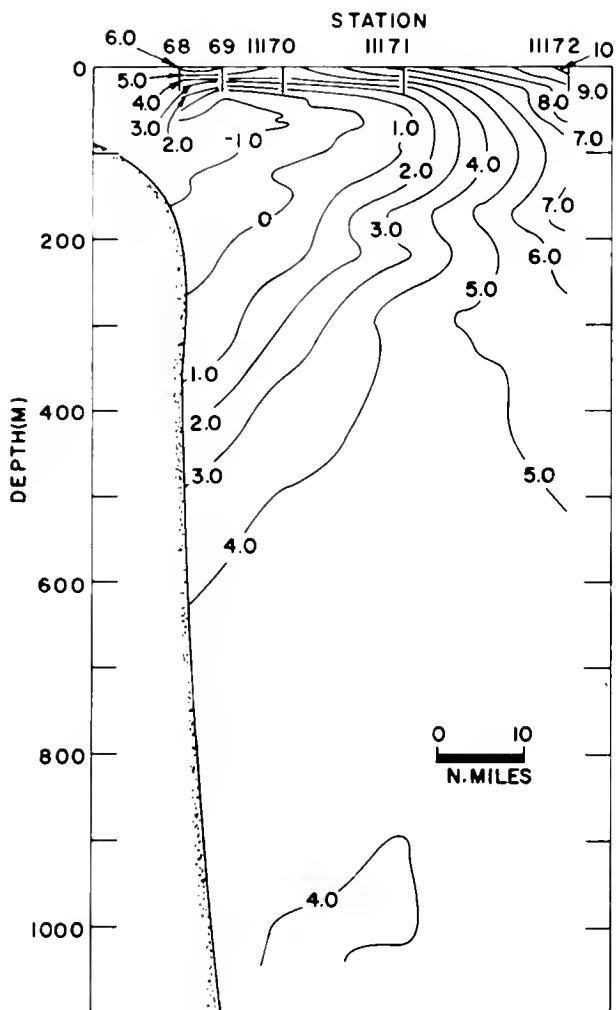


FIGURE 37. Vertical temperature ($^{\circ}\text{C}$) profile for section A3 occupied by CGC EVERGREEN, 16 June 1972.

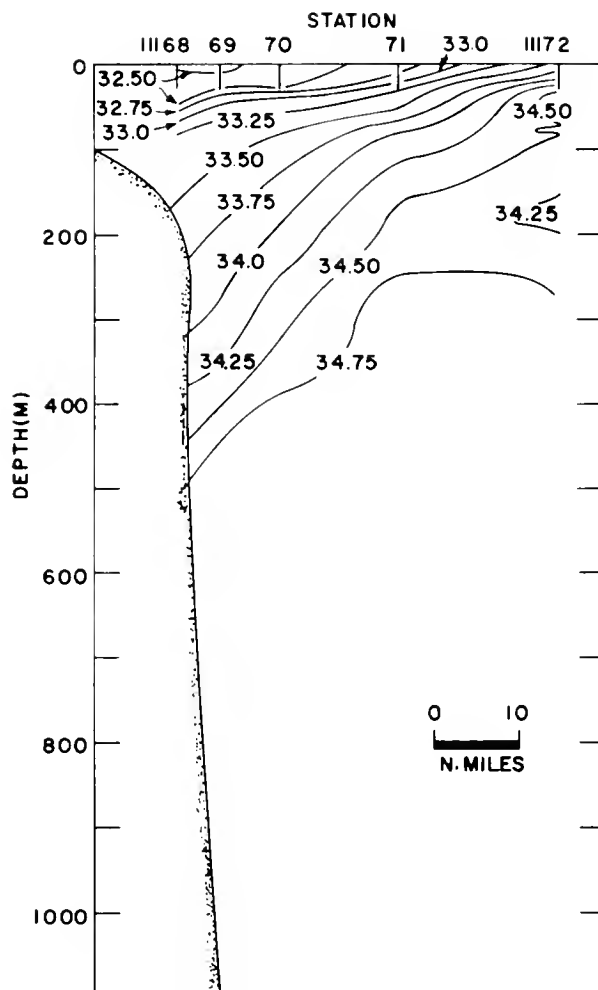


FIGURE 38. Vertical salinity (‰) profile for section A3 occupied by CGC EVERGREEN, 16 June 1972.

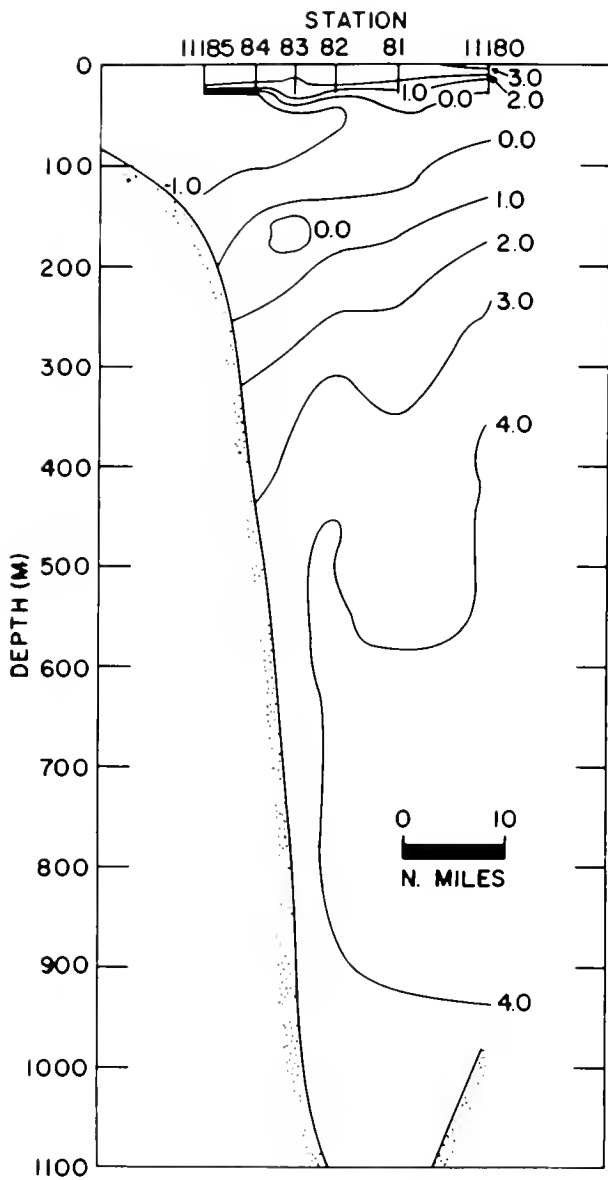


FIGURE 39. Vertical temperature ($^{\circ}\text{C}$) profile for section A2 occupied by CGC EVERGREEN, 18 June 1972.

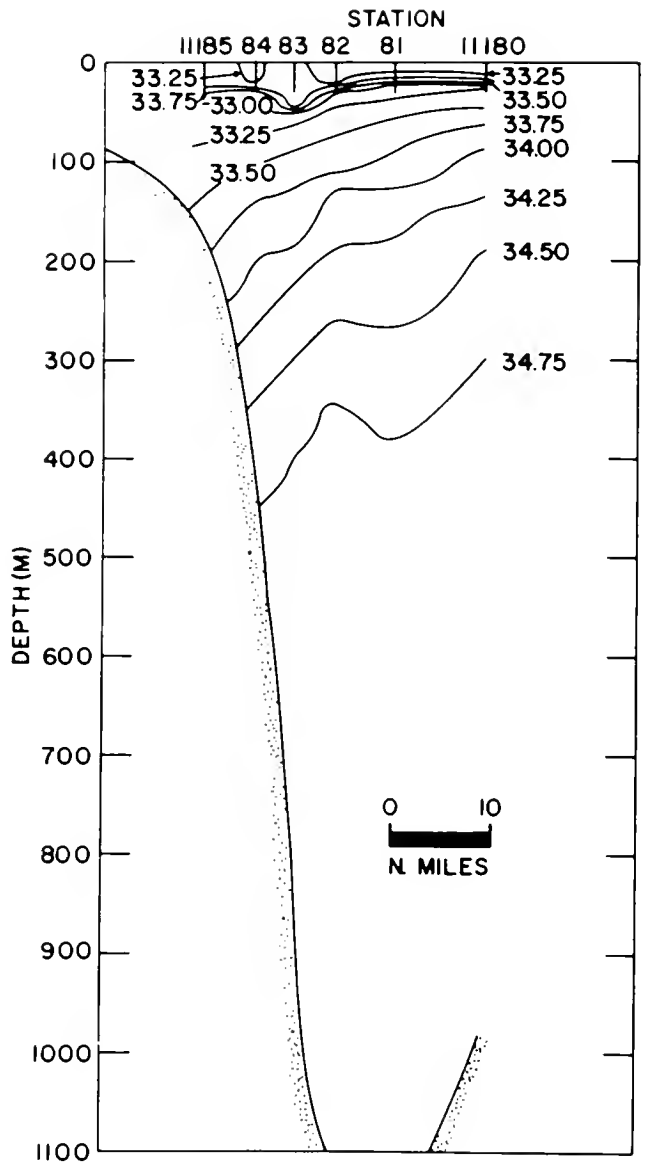


FIGURE 40. Vertical salinity ($^{\circ}/_{\infty}$) profile for section A2 occupied by CGC EVERGREEN, 18 June 1972.

MONTHLY NORMAL DYNAMIC TOPOGRAPHY FOR APRIL

53°W 51° 49° 47° 45°W

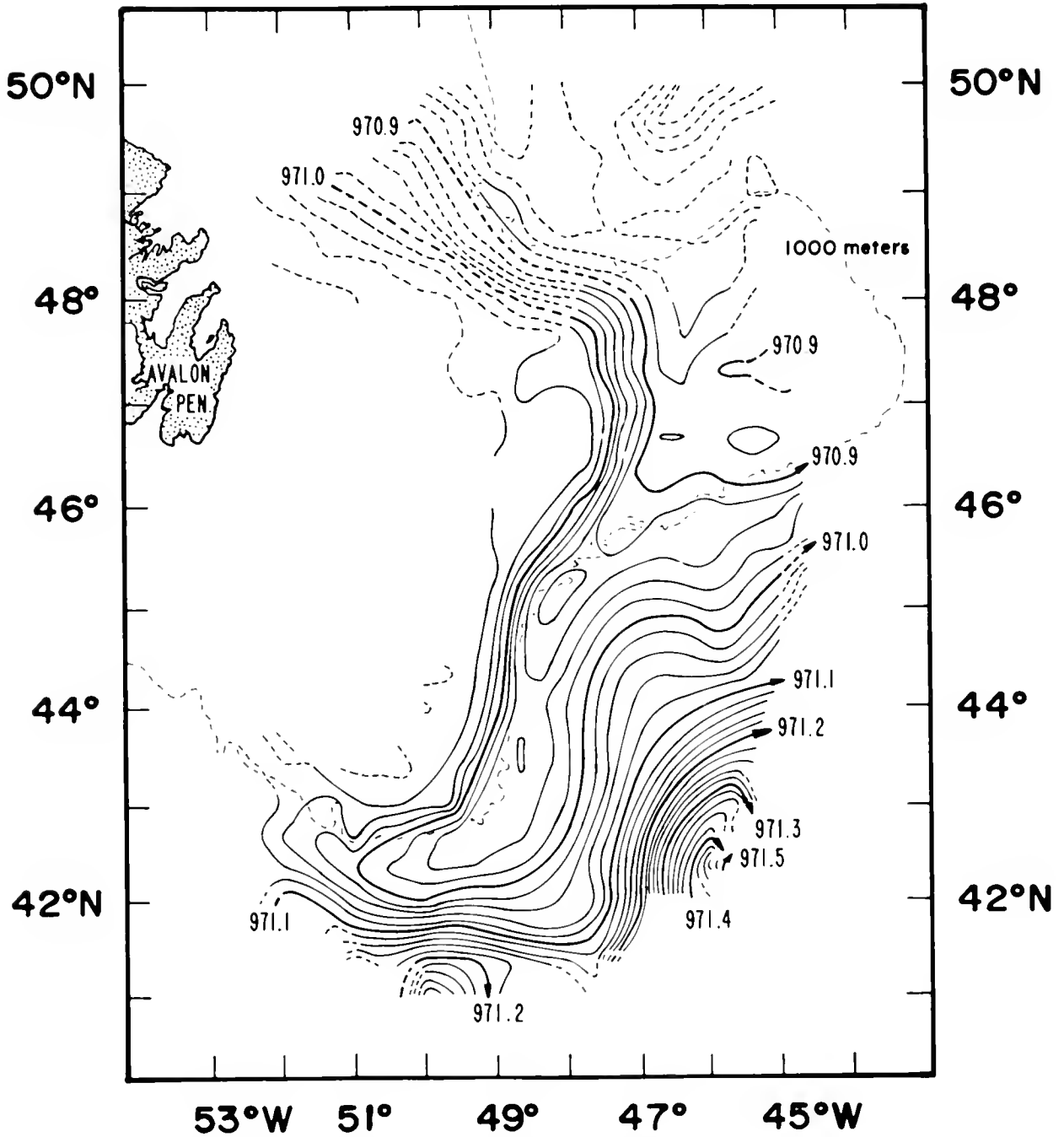


FIGURE 41. April monthly normal dynamic topography (dynamic meters) of the sea surface relative to the 1000 decibar surface. Contour interval is 2 dynamic centimeters.

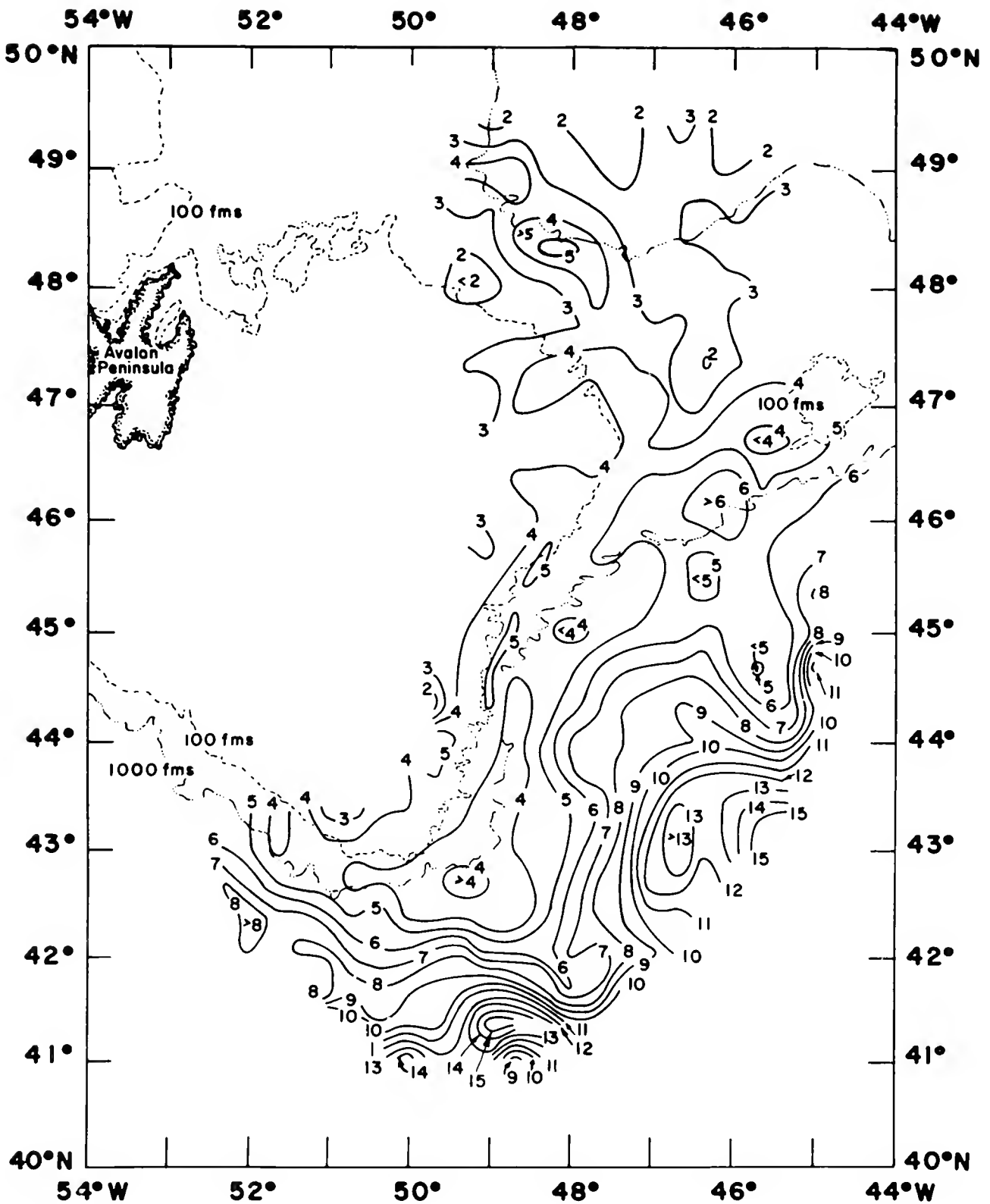


FIGURE 12. Field of standard deviation of dynamic height of the individual surveys from the April normal. Contour level is 1 dynamic centimeter.

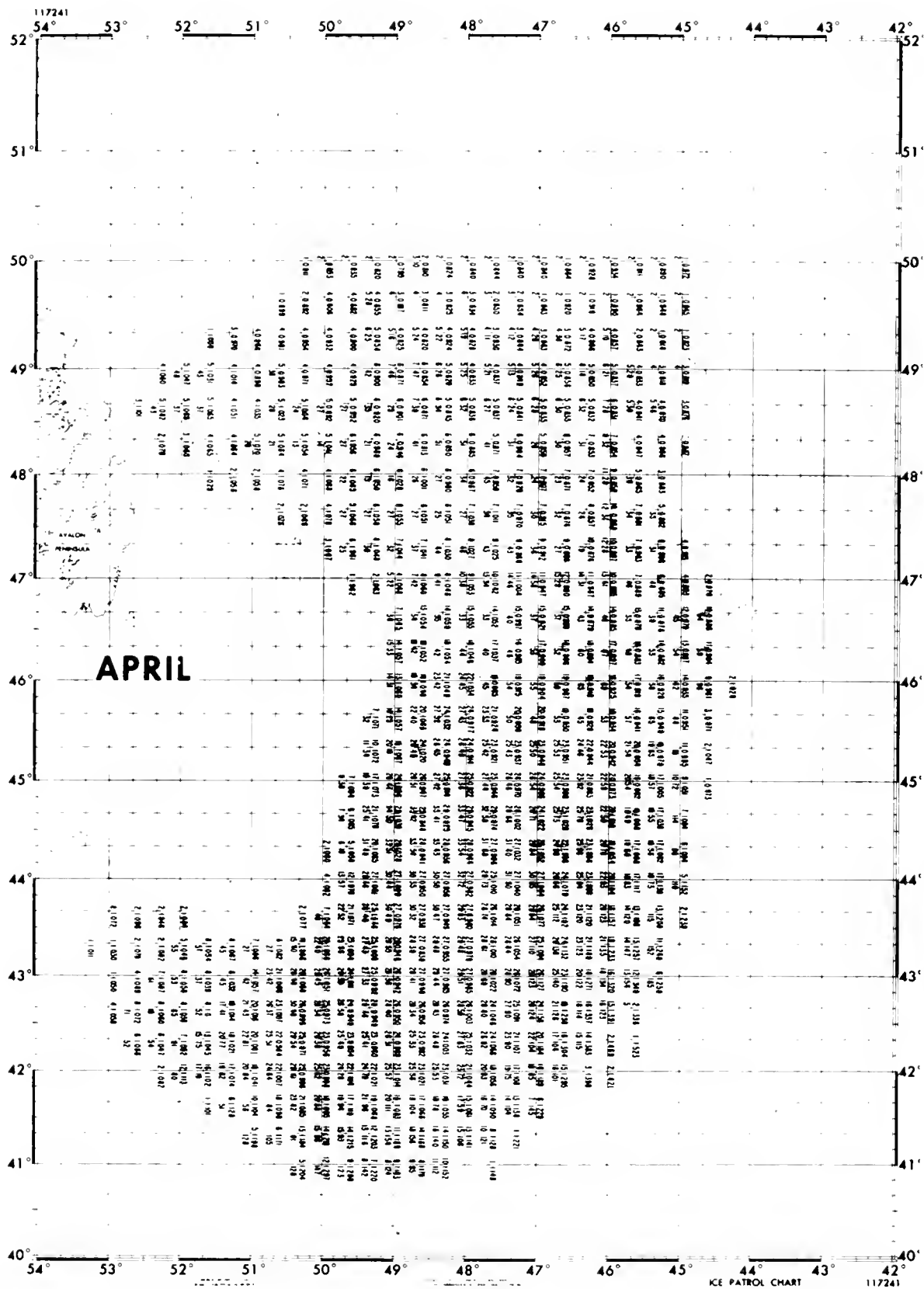


Figure B3. Numerical digest of data pertinent to the April normal dynamic topography.

MONTHLY NORMAL DYNAMIC TOPOGRAPHY FOR MAY

53°W 51° 49° 47° 45° 43°W

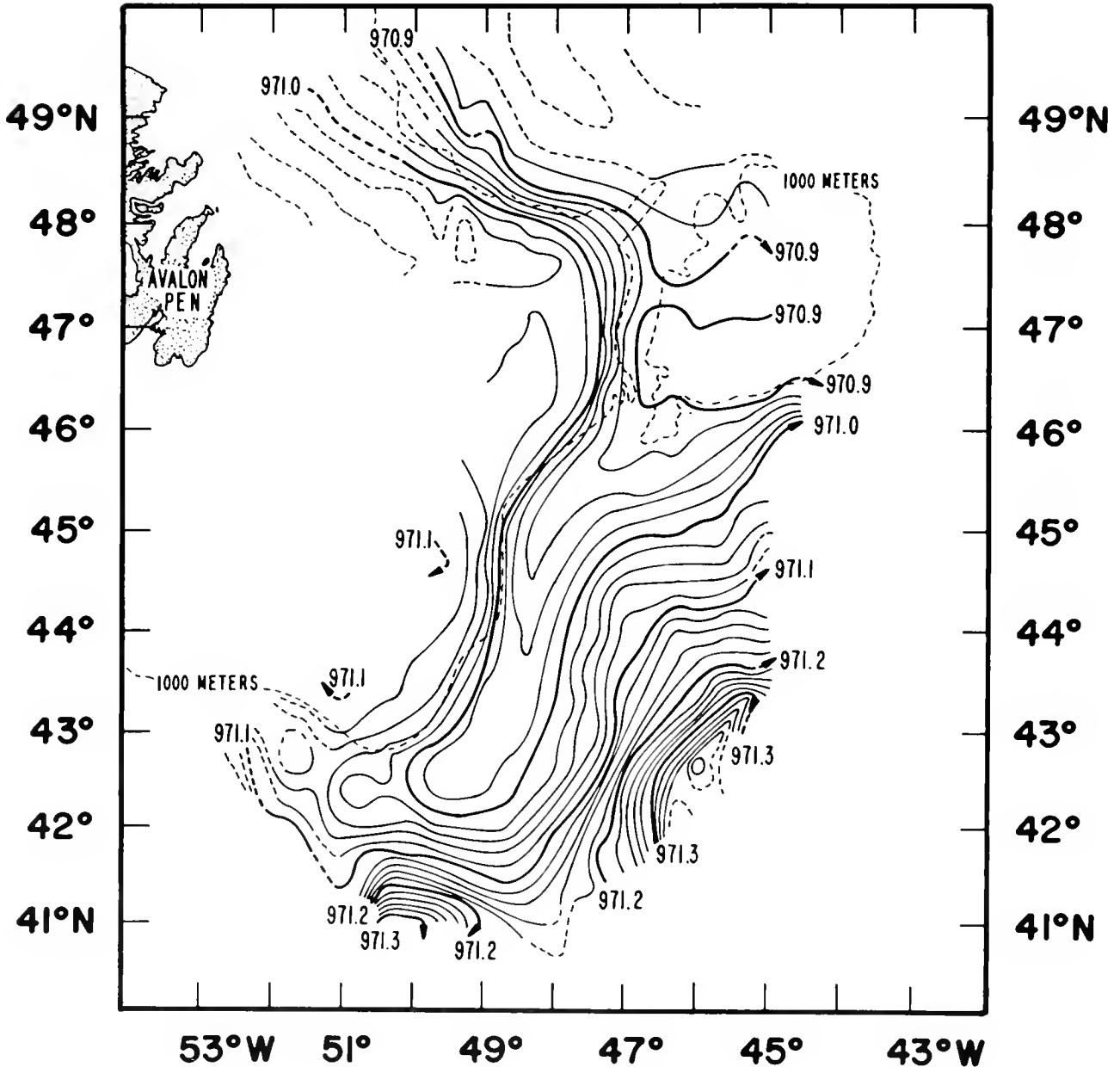


FIGURE 14. May monthly normal dynamic topography (dynamic meters of the sea surface relative to the 1,000 decibar surface). Contour interval is 2 dynamic centimeters.

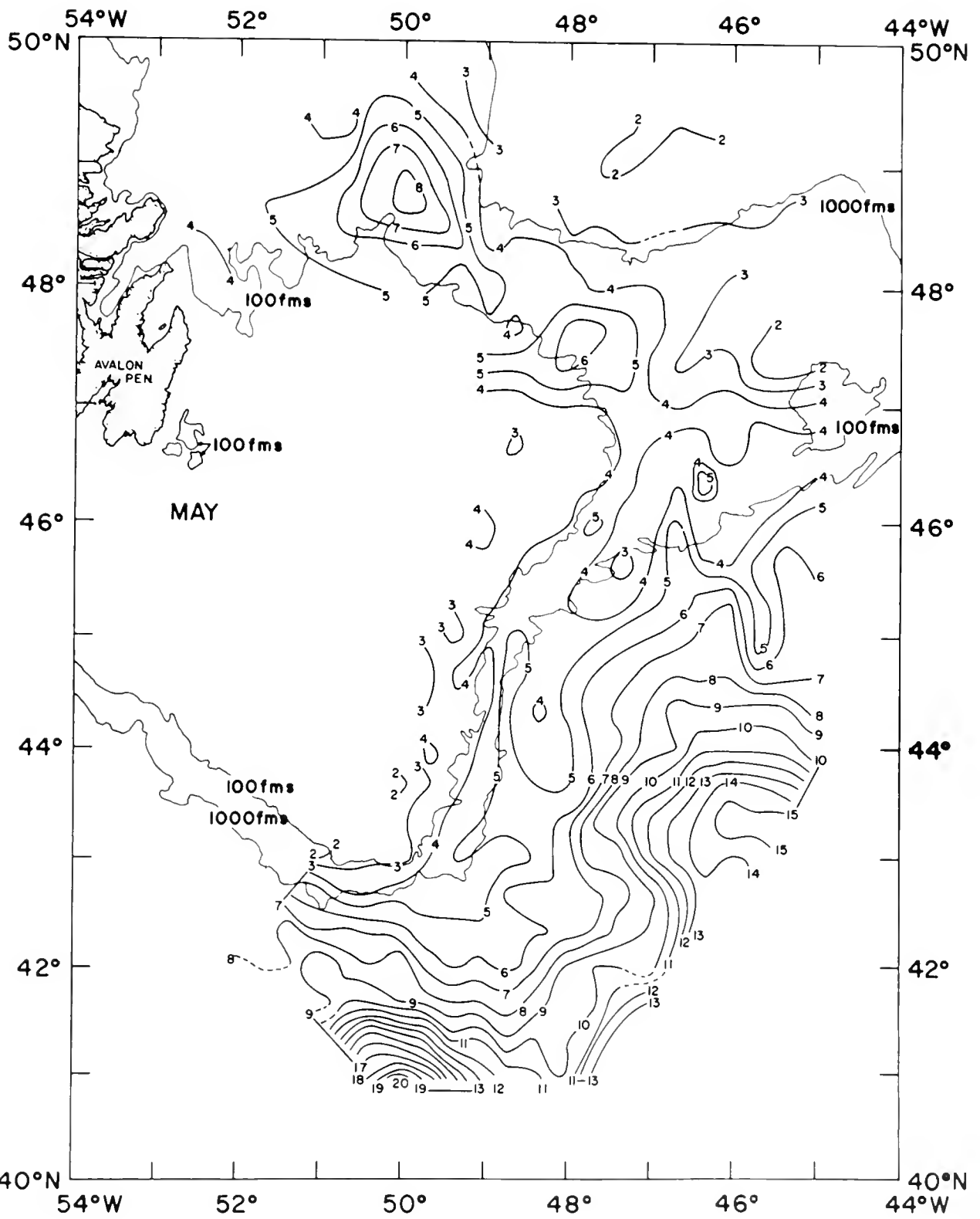


FIGURE 45. Field of standard deviation of dynamic height of the individual surveys from the May normal. Contour level is 1 dynamic centimeter.

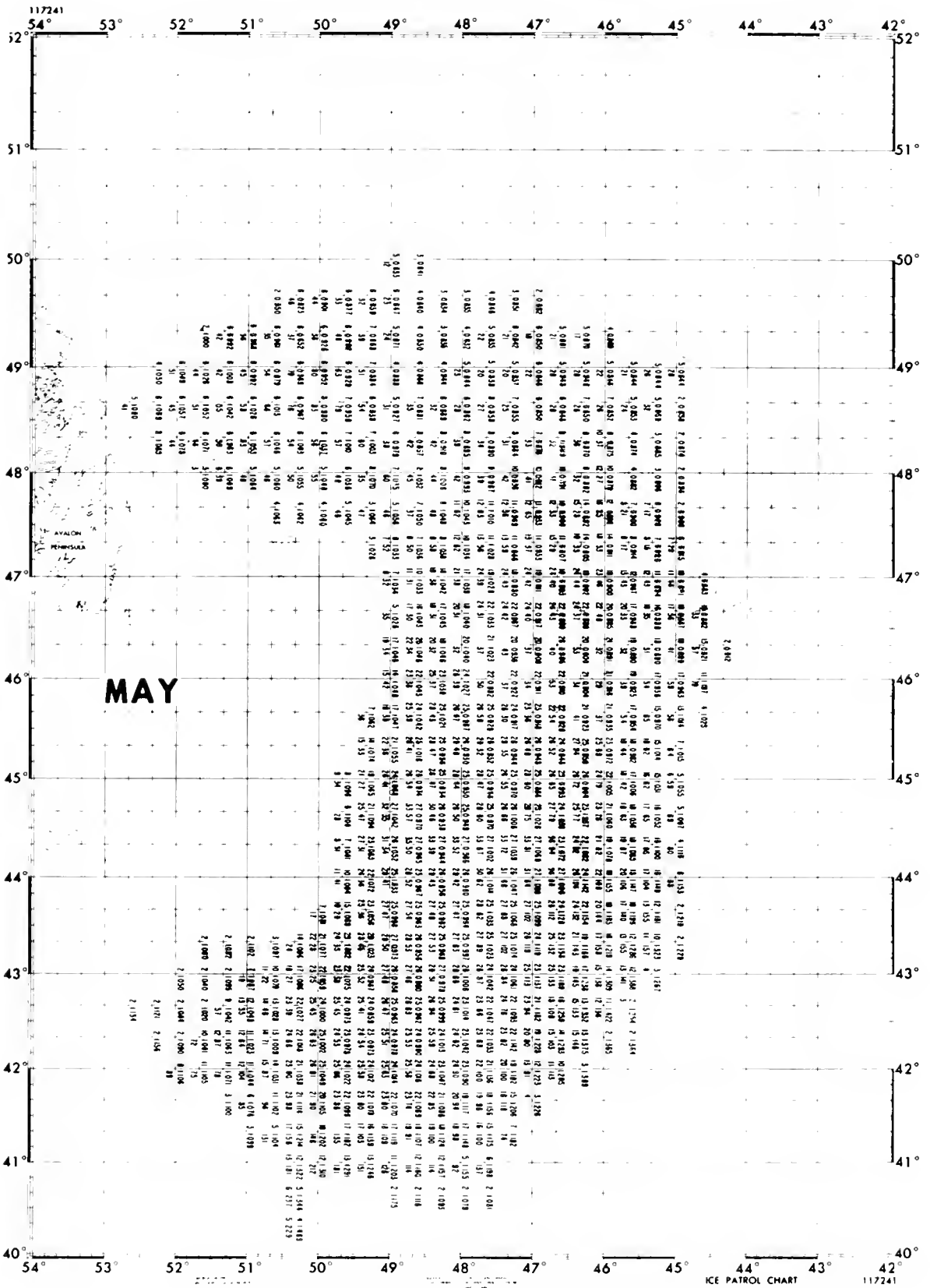


Figure 46. Numerical digest of data pertinent to the May dynamic topography.

MONTHLY NORMAL DYNAMIC TOPOGRAPHY FOR JUNE

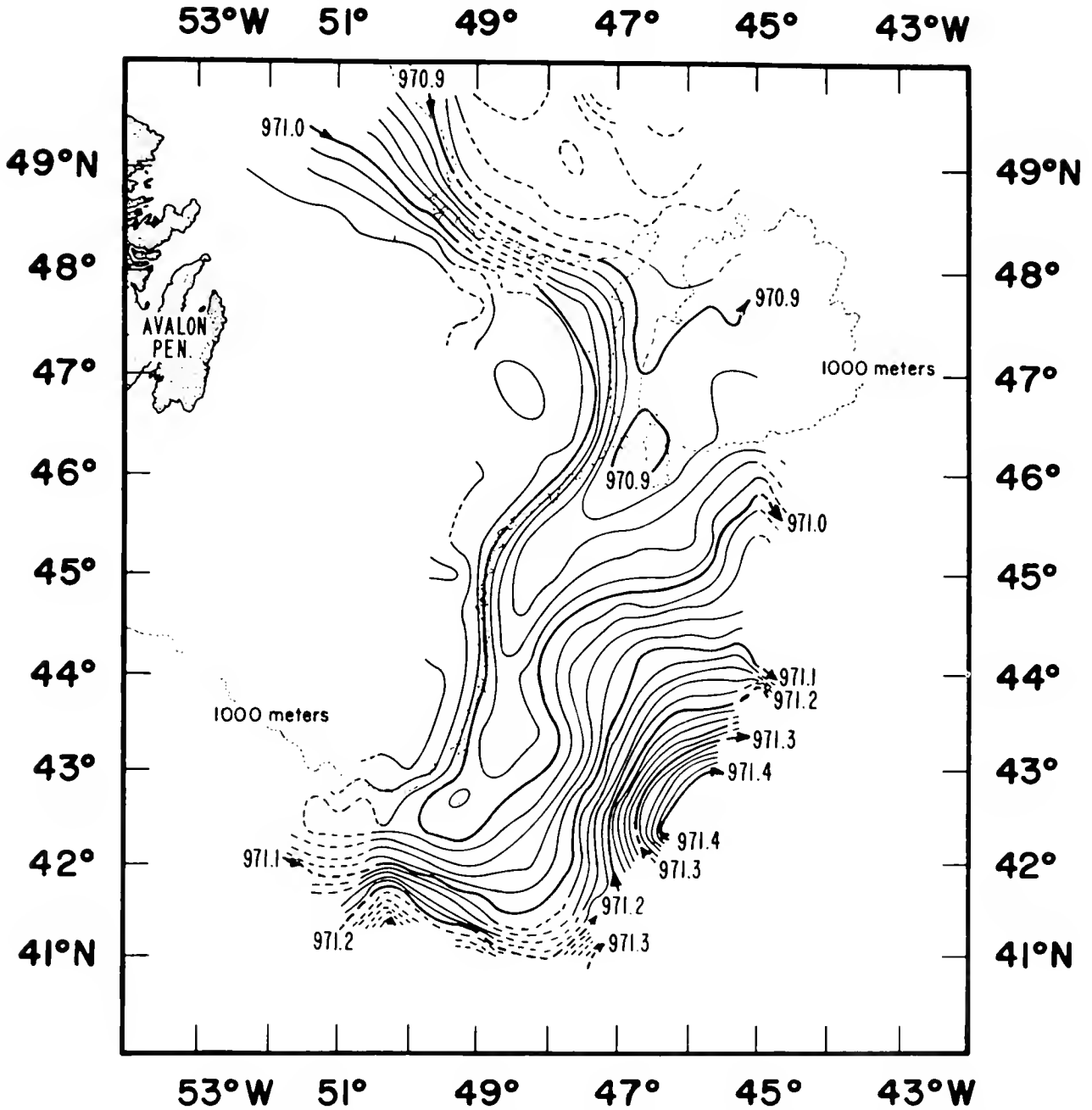


FIGURE 17. June monthly normal dynamic topography (dynamic meters) of the sea surface relative to the 1000 decibar surface. Contour interval is 2 dynamic centimeters.

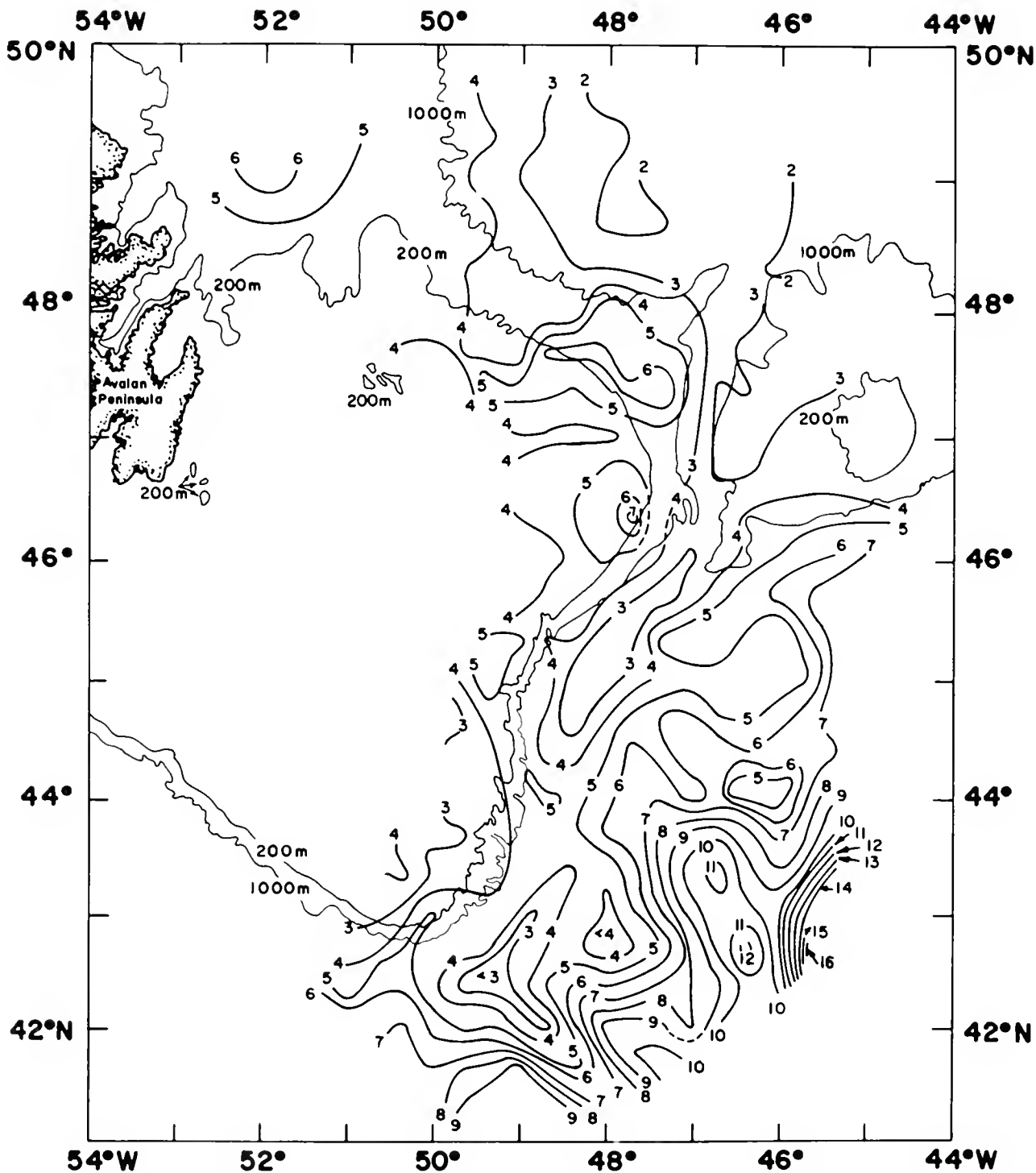


FIGURE 18. Field of standard deviation of dynamic height of the individual surveys from the June normal. Contour level is 1 dynamic centimeter.

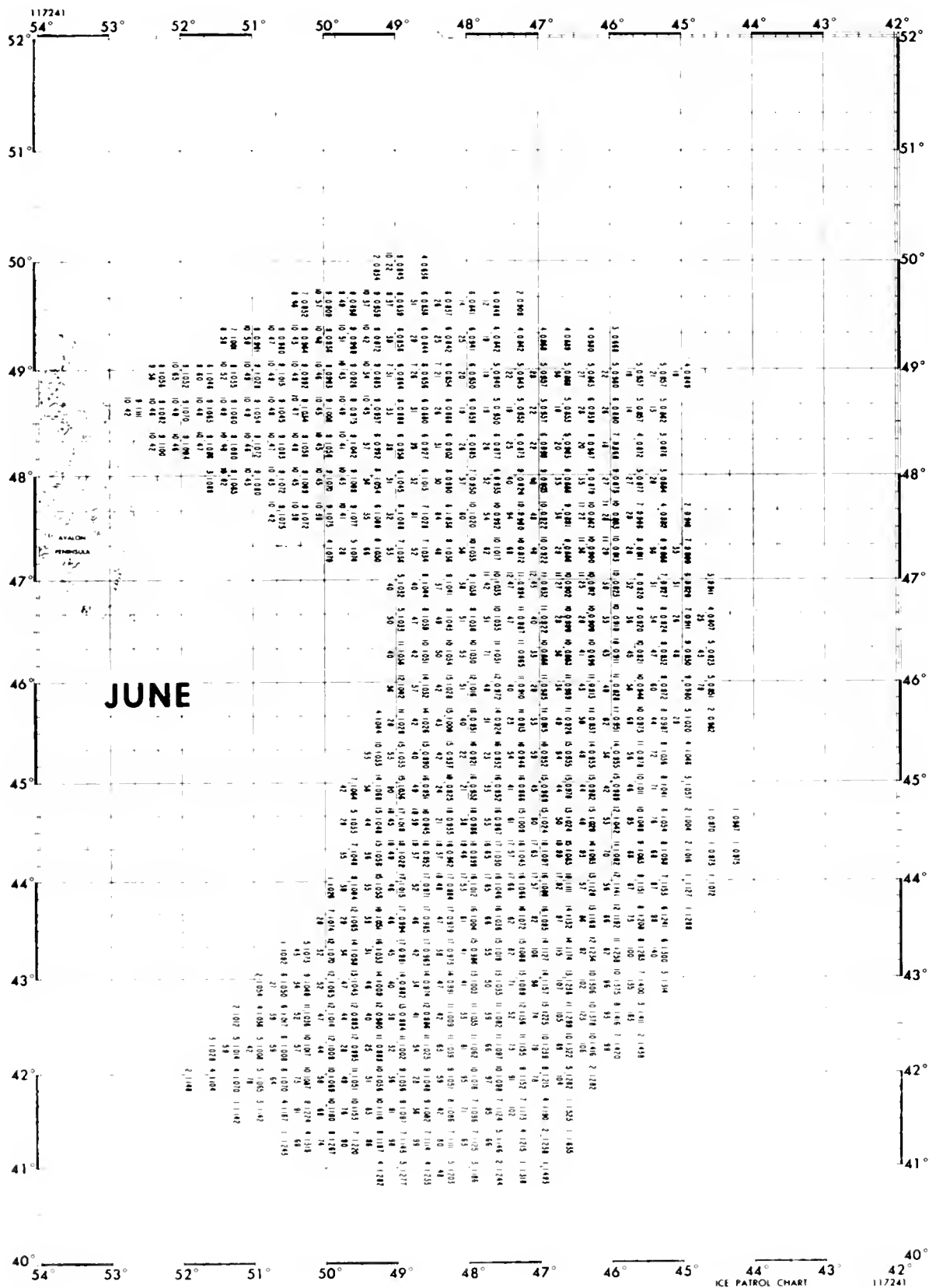


FIGURE 49. Numerical digest of data pertinent to the June normal dynamic topography.

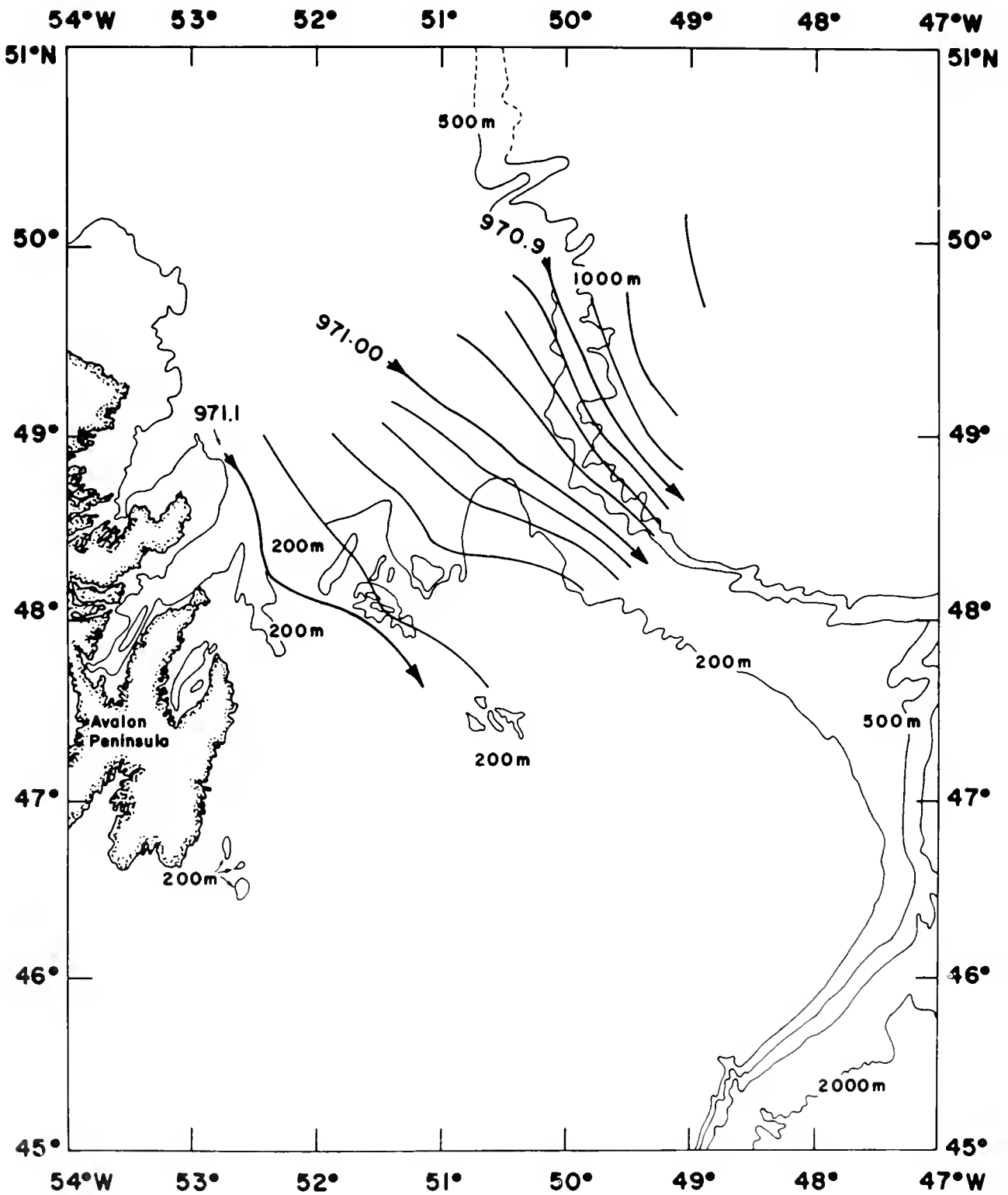


FIGURE 50. July monthly normal dynamic topography (dynamic meters) of the sea surface relative to the 1,000 decibar surface. Contour interval is 2 dynamic centimeters.

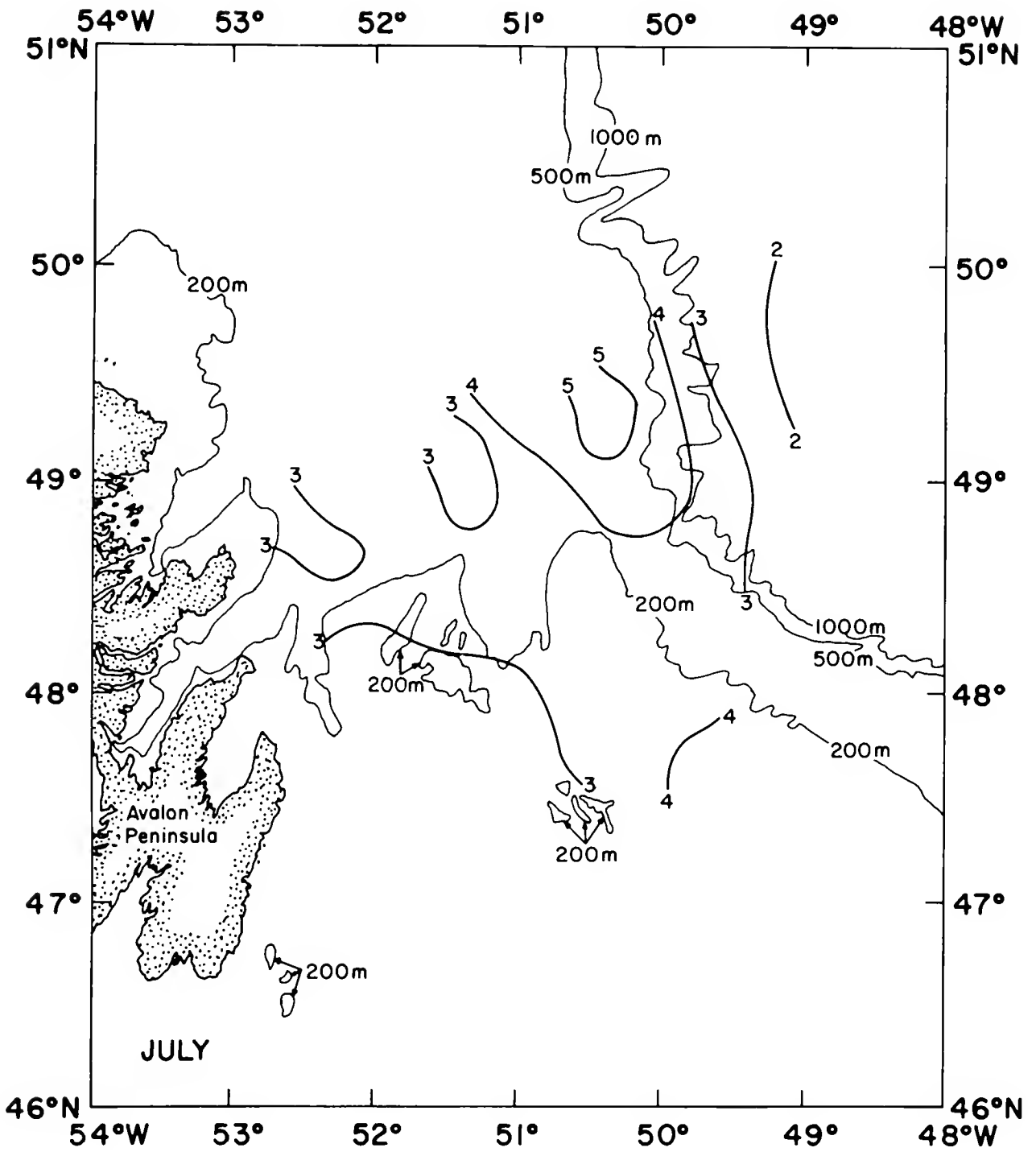


FIGURE 51. Field of standard deviation of dynamic height of the individual surveys from the July normal. Contour level is 1 dynamic centimeter.

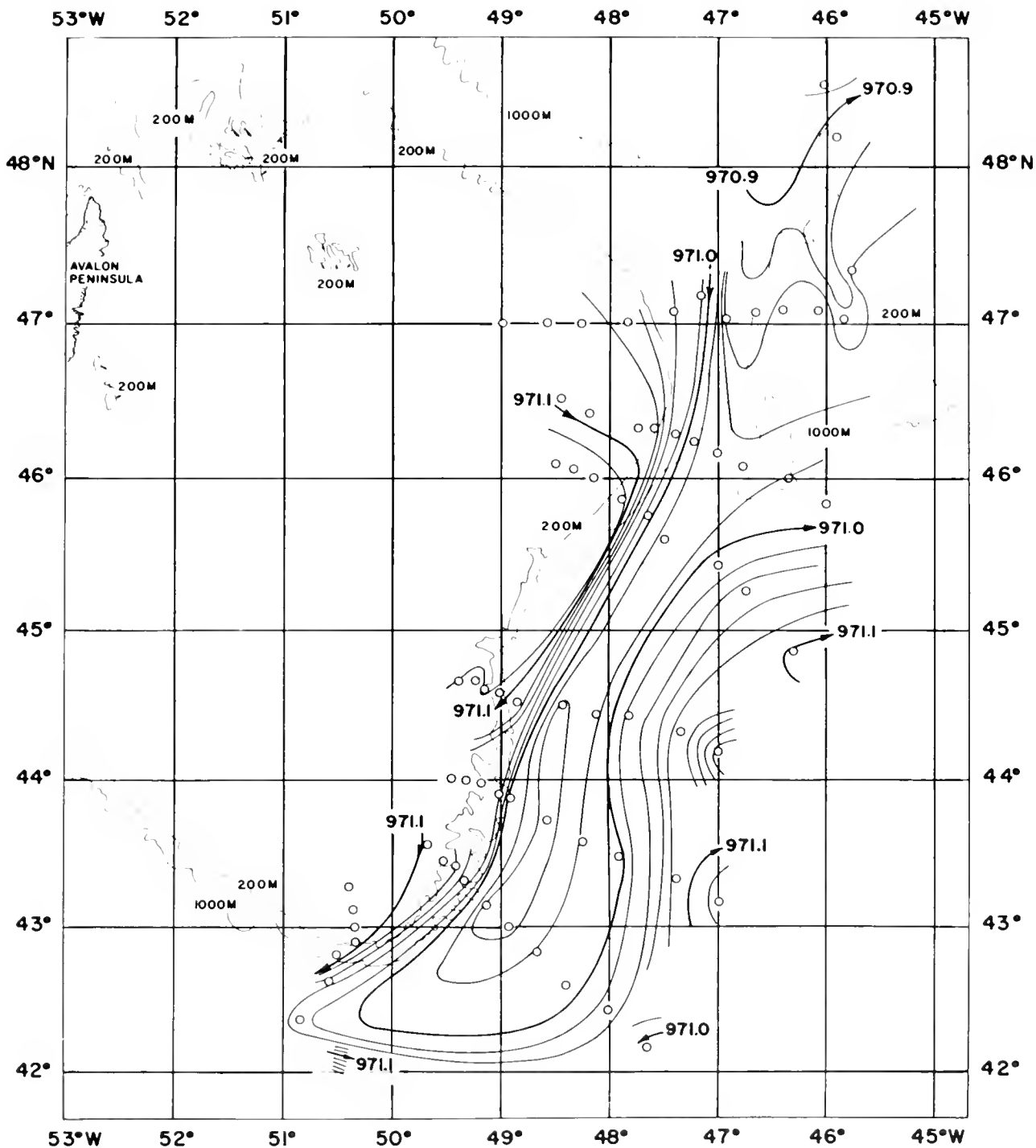


FIGURE 53. Sea surface dynamic topography (dynamic meters) relative to the 1,000 decibar level, CGC EVERGREEN 7-18 April 1972. Contour level is 2 dynamic centimeters.

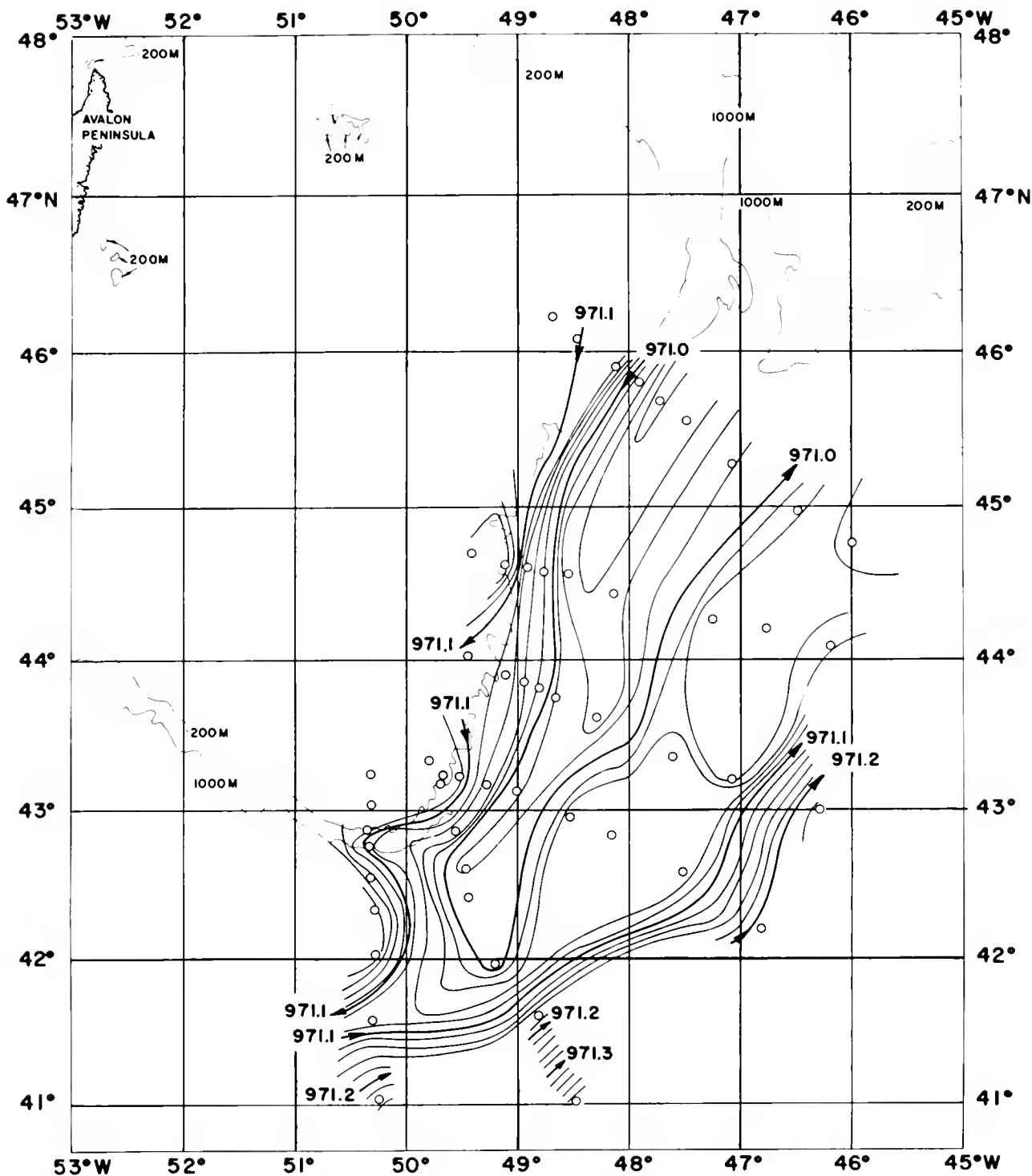


FIGURE 51. Sea surface dynamic topography (dynamic meters) relative to the 1,000 decibar level, CGC EVERGREEN 9-11 May 1972. Contour level is 2 dynamic centimeters.

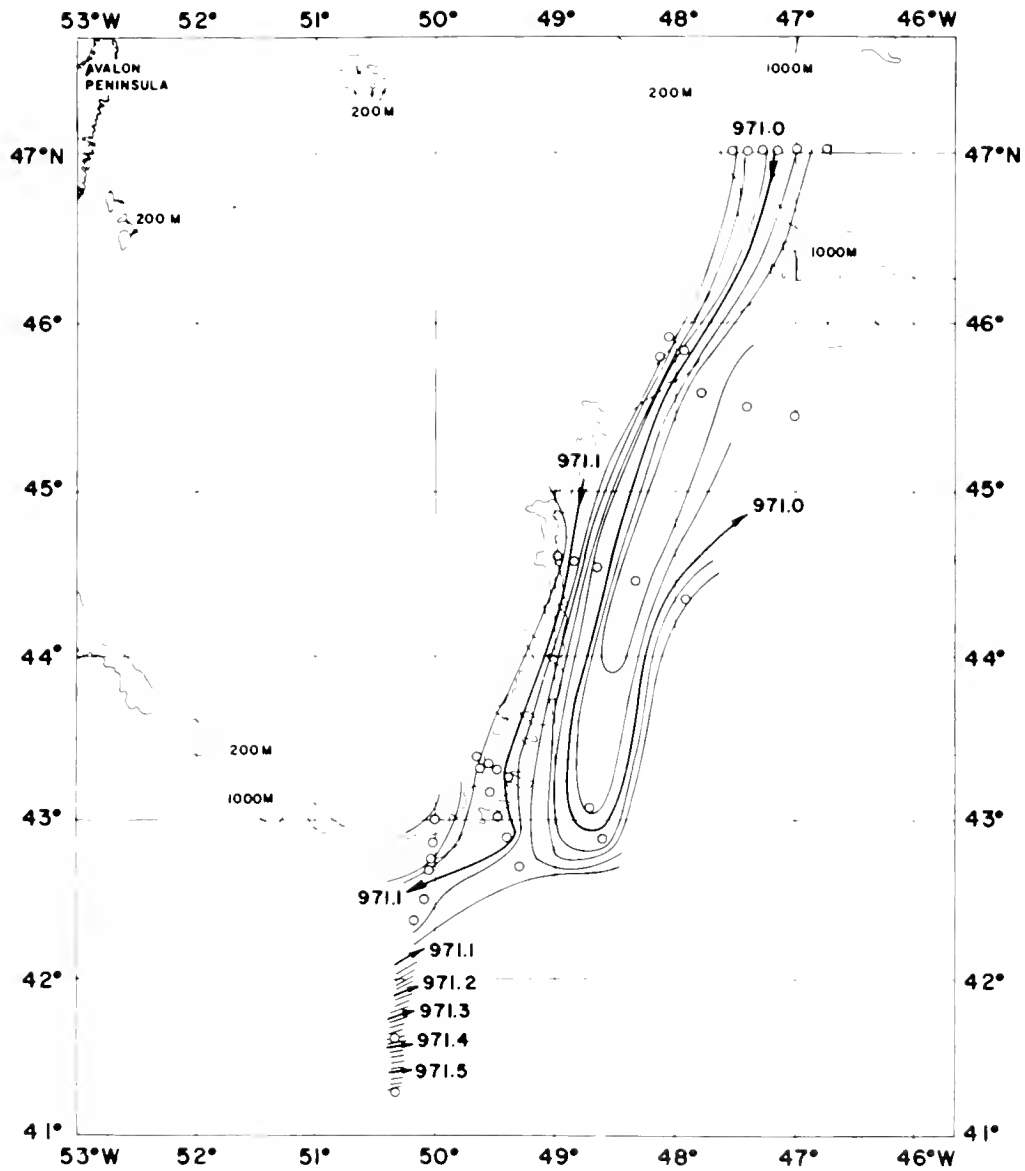


FIGURE 55. Sea surface dynamic topography (dynamic meters) relative to the 1000 decibar level, CGC EVERGREEN 7-18 June 1972. Contour level is 2 dynamic centimeters.

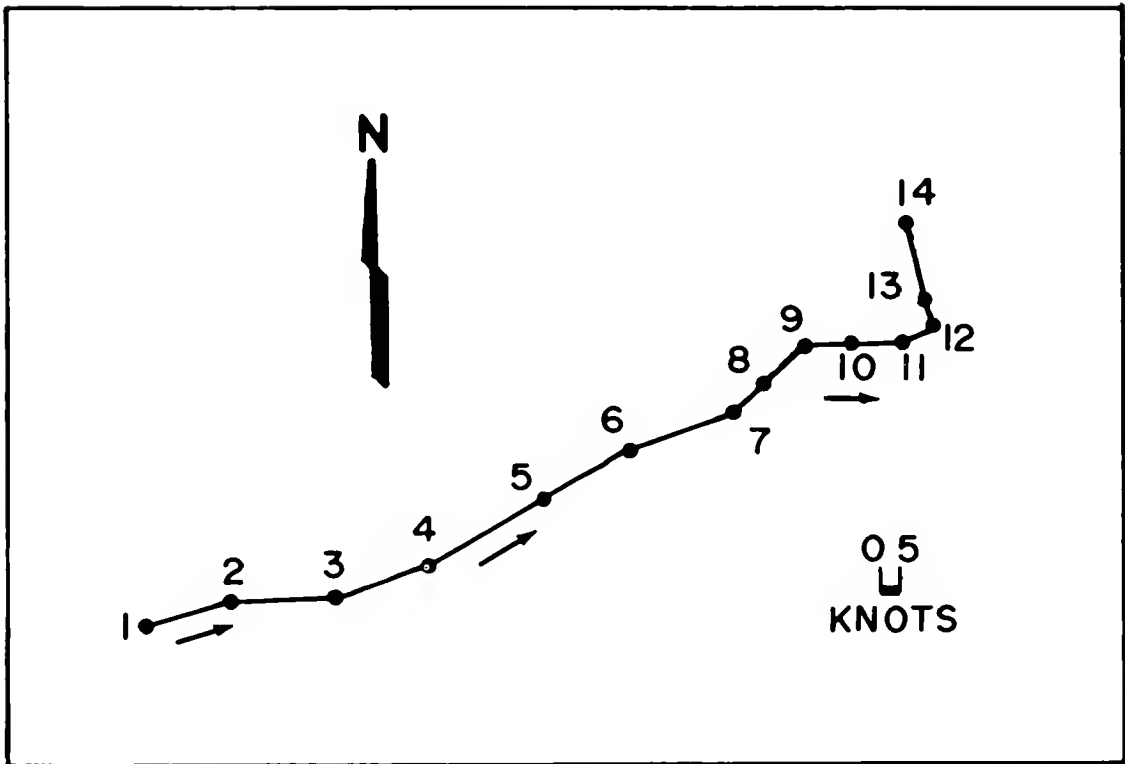
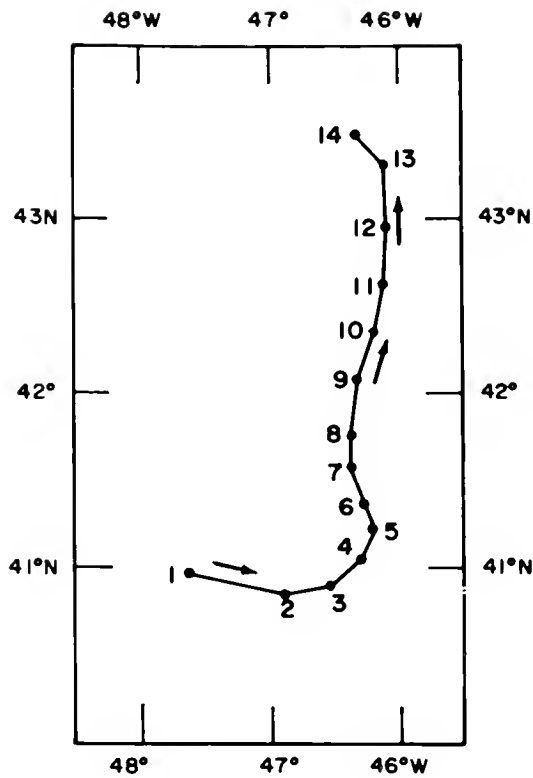


FIGURE 56. a. Drift of iceberg tracked from 5 to 11 May 1972 (Observations commenced 0500Z 5 May - sample interval 12 hours). b. Progressive vector diagram of winds in vicinity of study iceberg (Observations commenced 0000Z 5 May - sample interval 12 hours).

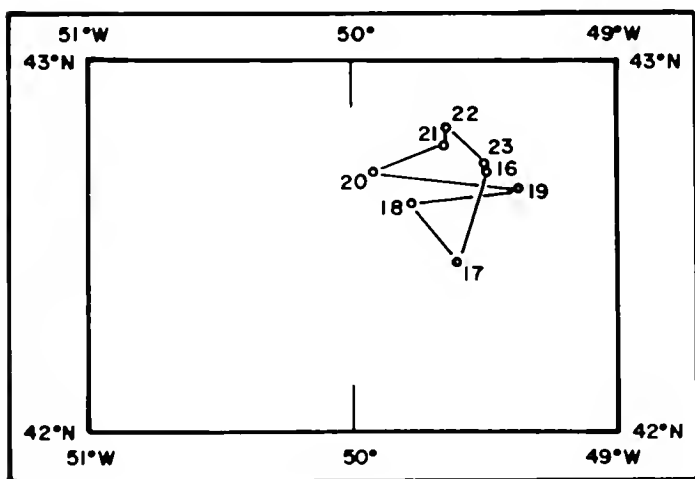
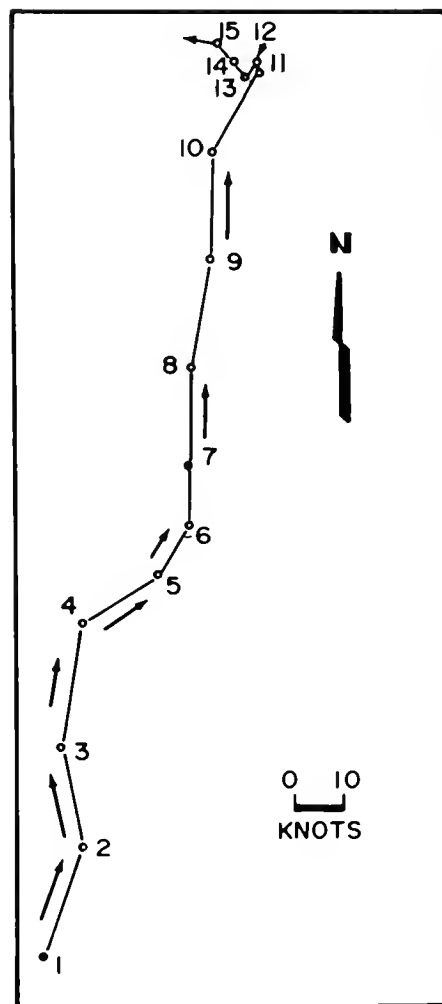
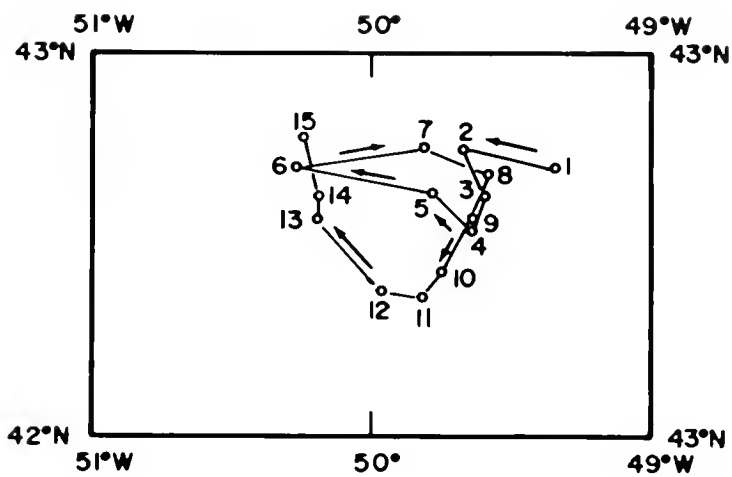


FIGURE 57. a. Drift of iceberg tracked from 8 to 15 June 1972 (Observations commenced 1200Z 8 June—sample interval 12 hours). b. Drift of iceberg tracked from 9 to 13 June 1972 (Observations commenced 1200Z 9 June—sample interval 12 hours). c. Progressive vector diagram of winds in the vicinity of the study icebergs (Observations commenced 1200Z 8 June—sample interval 12 hours).

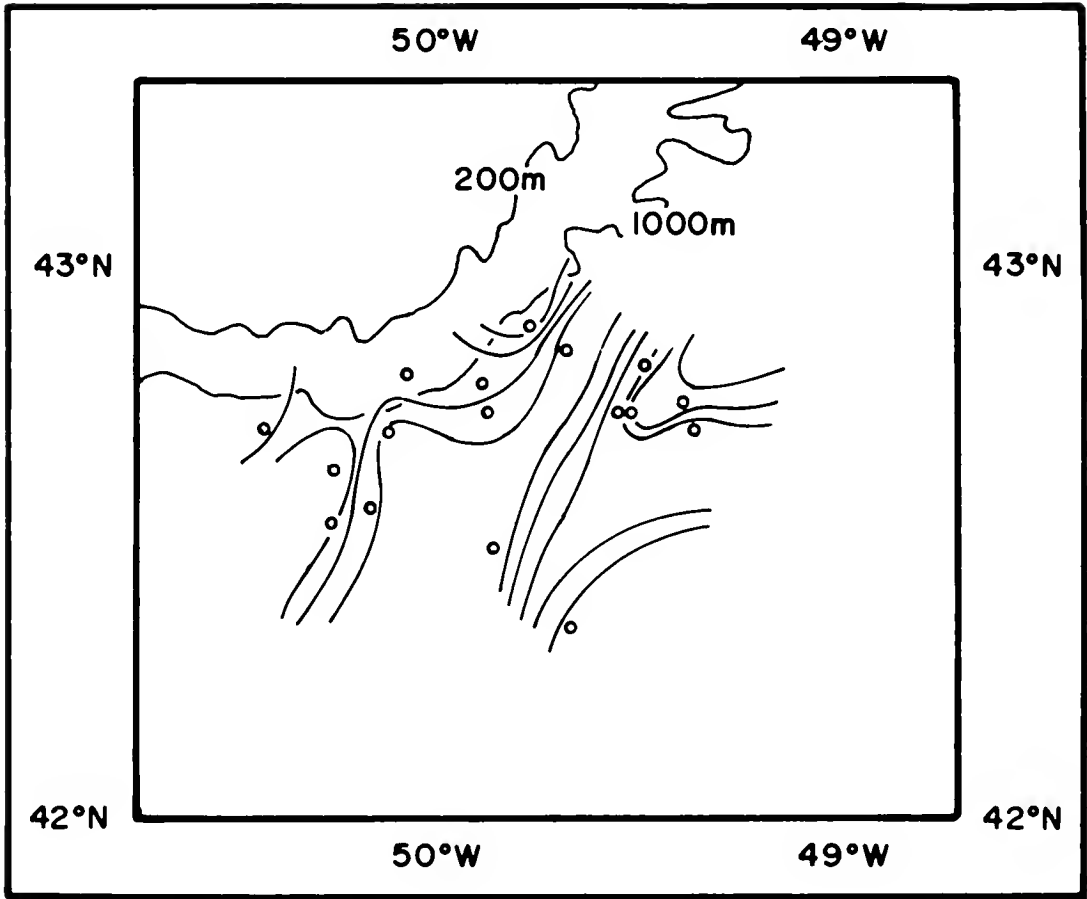


FIGURE 58. Sea surface dynamic topography (dynamic meters) relative to the 1,000 decibar level, CGC EVERGREEN 8-15 June 1972. Contour level is 2 dynamic centimeters.

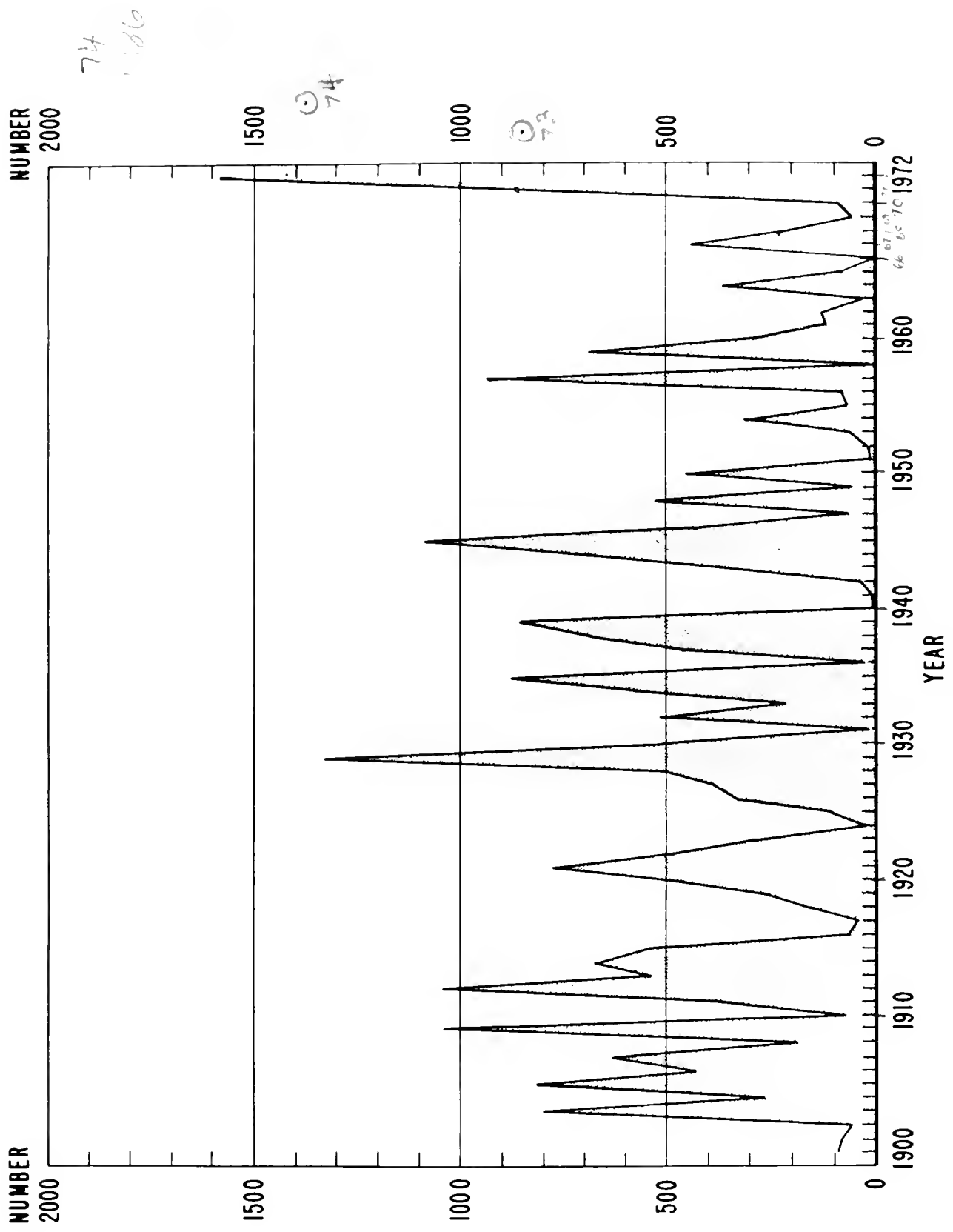


Figure 59. Number of icebergs per year which drifted south of 48°N (1900-1972).

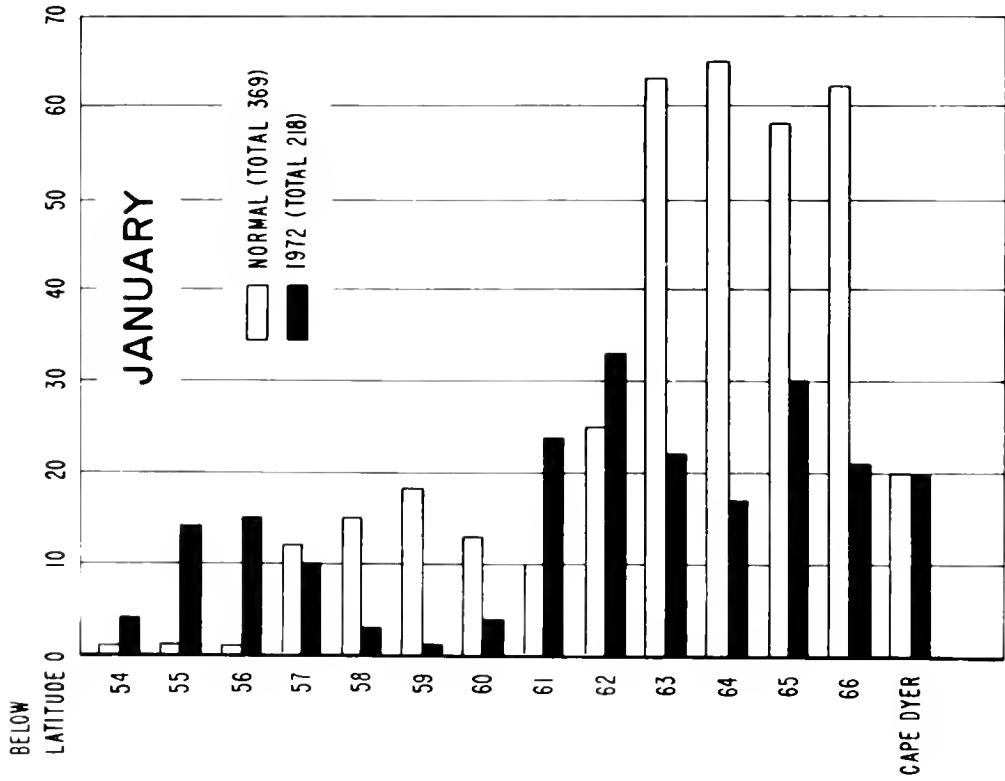
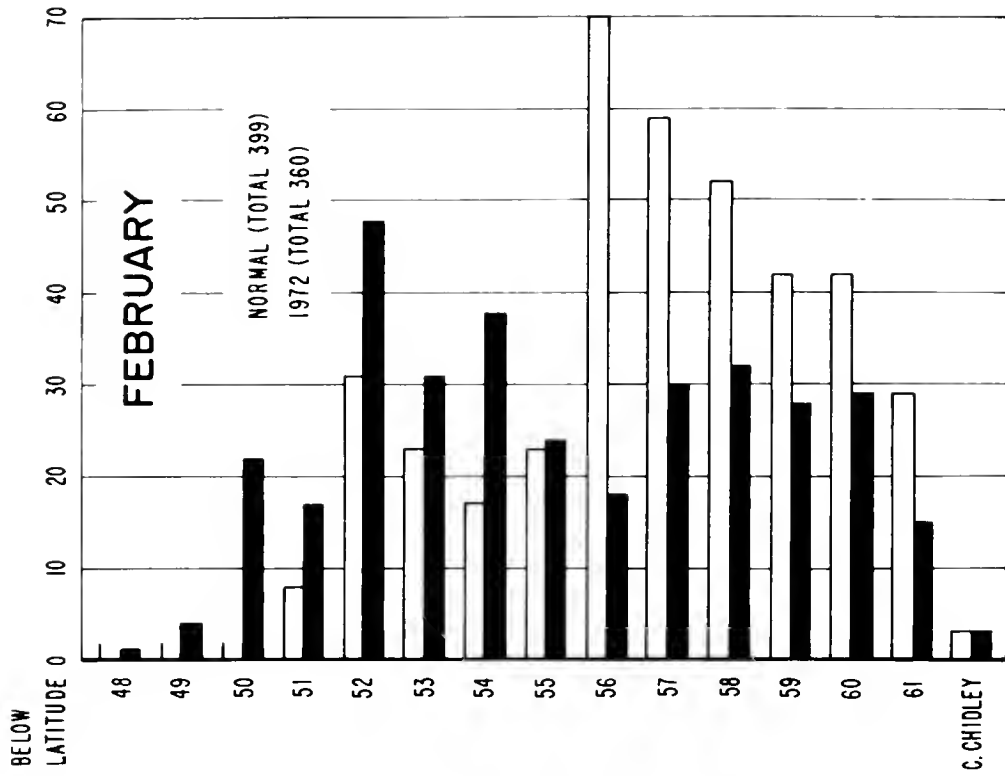


FIGURE 60. Icebergs sighted by January 1972 and February 1972 pre-season reconnaissance flights.

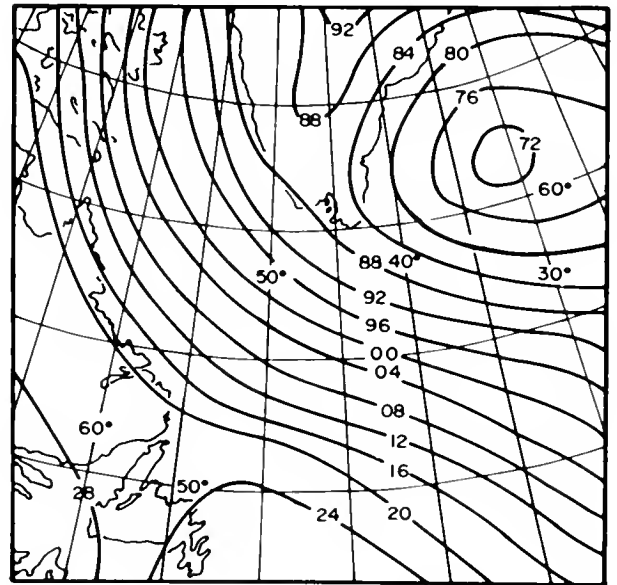
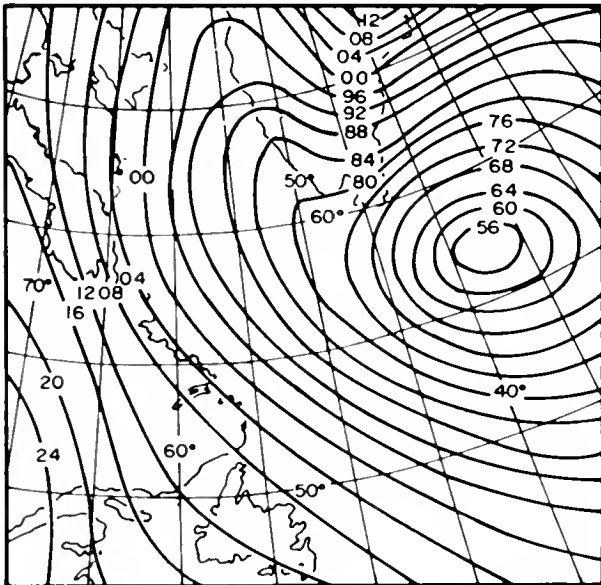
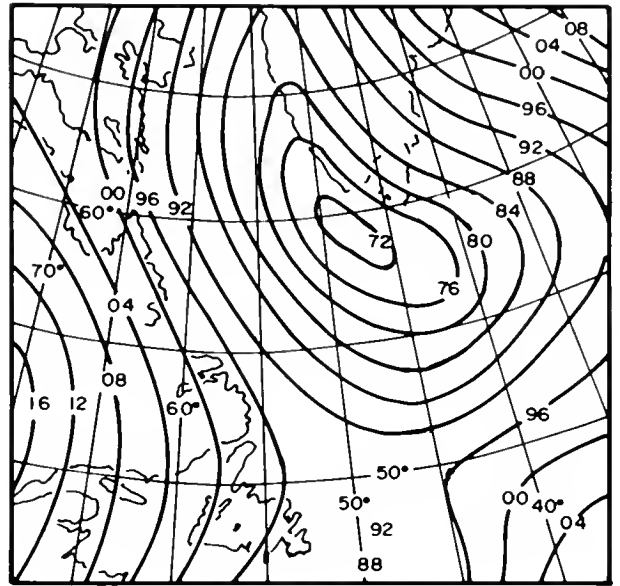
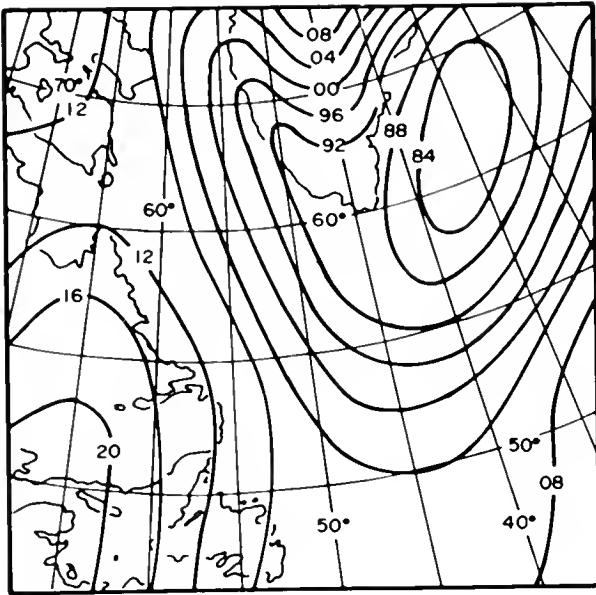


FIGURE 61. Four low pressure systems typical of conditions which existed during the winter of 1971-1972. a. 3 December 1971. b. 6 January 1972. c. 2 February 1972. d. 3 March 1972. Contour interval is 4 decibars.

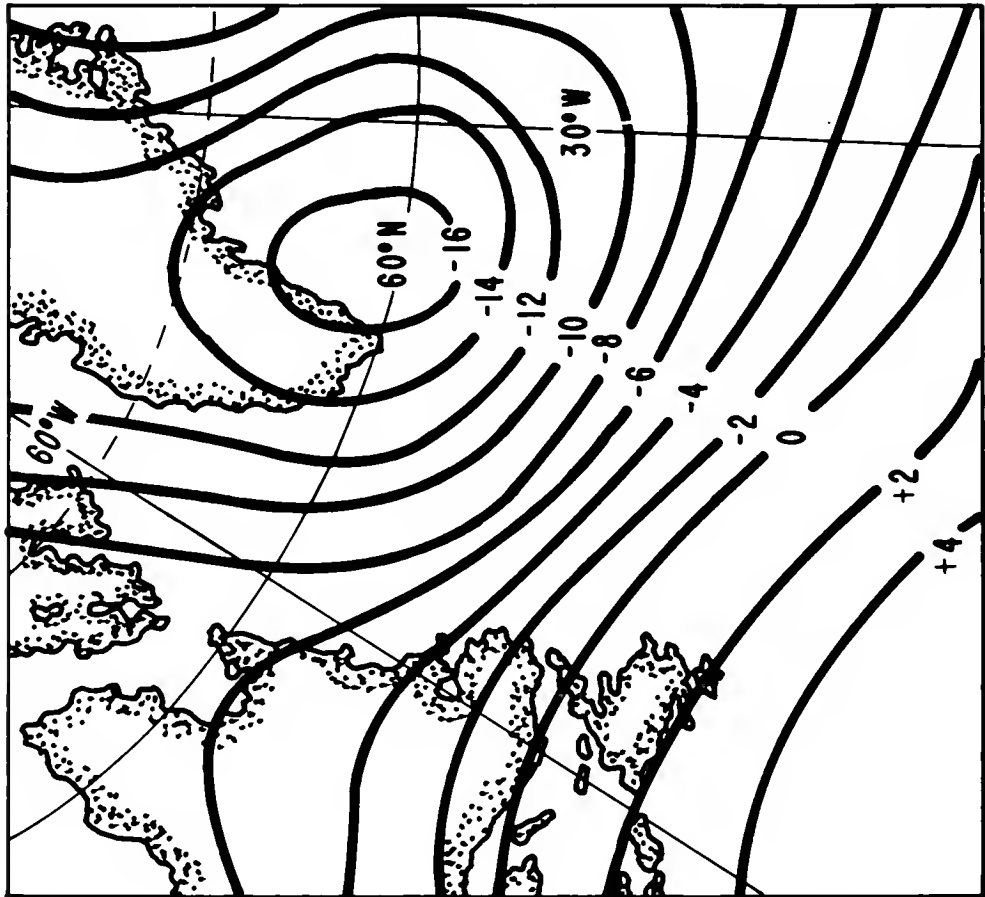


FIGURE 62. Surface pressure anomaly for January 1972 (after Sanderson, 1972). Contour interval 2 decibars.

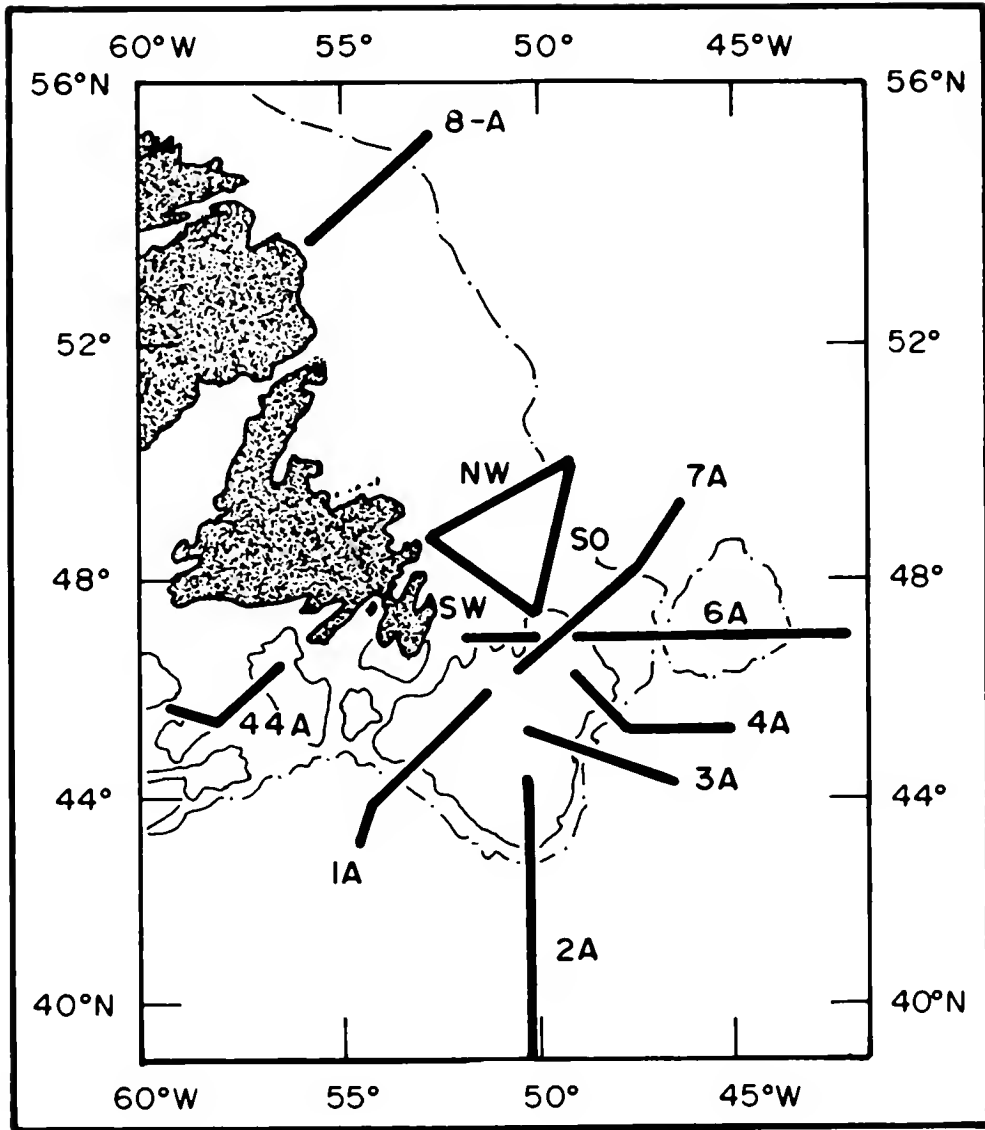


FIGURE 63. Standard Russian oceanographic sections near Newfoundland (after Burmakin).

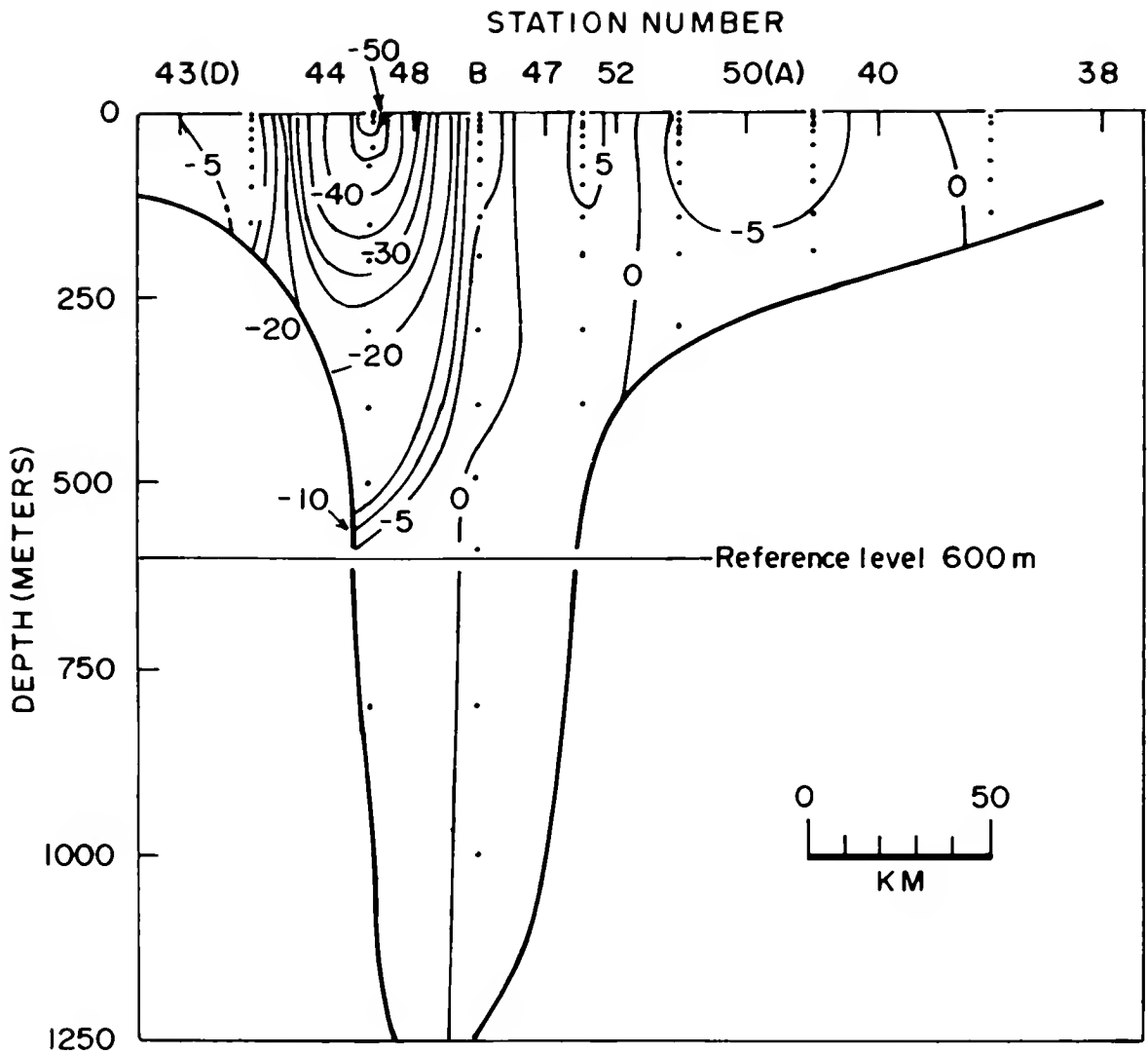


FIGURE 61. Vertical current (cm/sec) profile for the 17-18 April 1972 occupation of the Grand Banks-Flemish Cap Section (after Hill et al.). Positive numbers represent northerly flow.

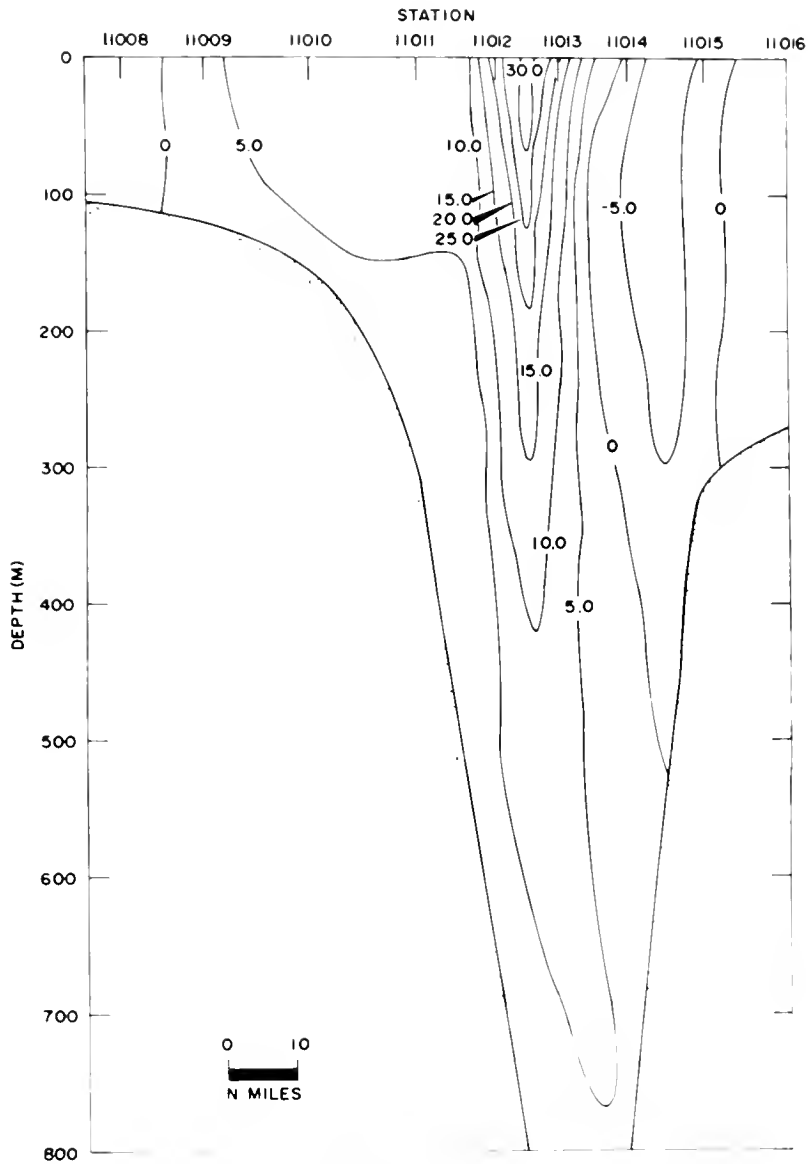


Figure 65. Vertical current (cm/sec) profile for the 7-9 April 1972 occupation of section A2. Positive numbers represent southerly flow.

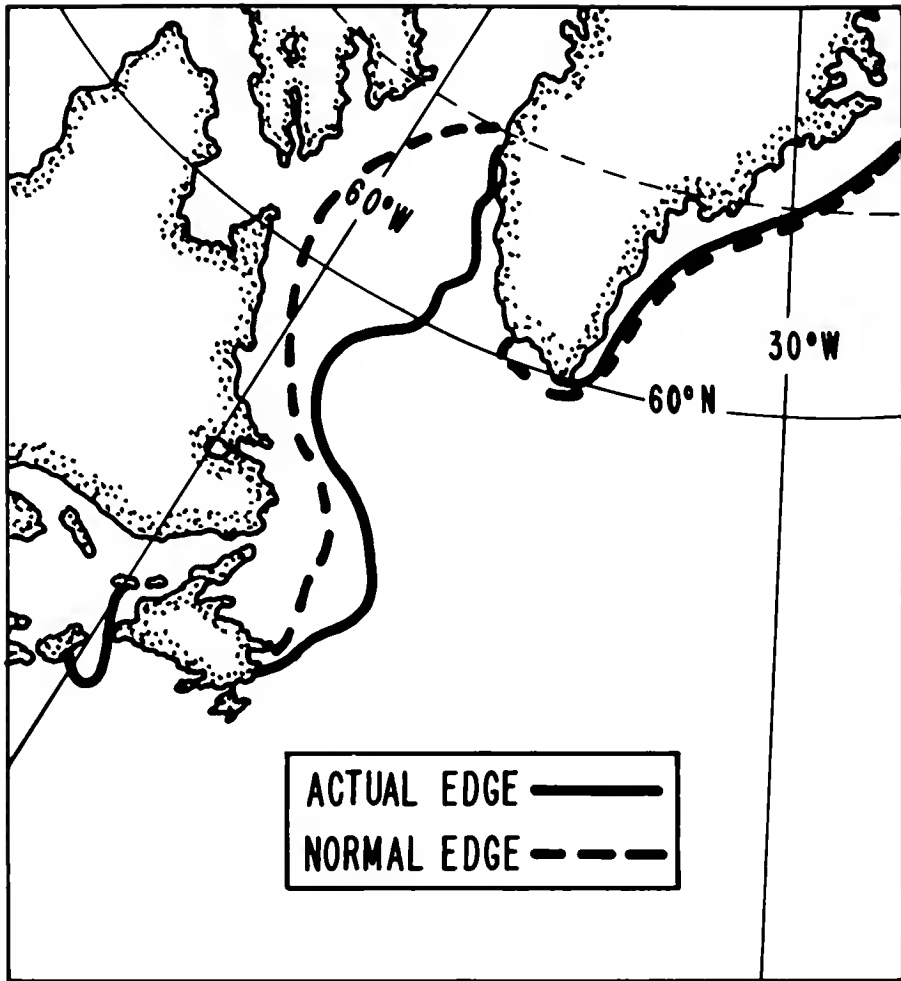


FIGURE 66. Normal sea ice edge compared with January 1972 sea ice edge (after Sanderson, 1972 b).

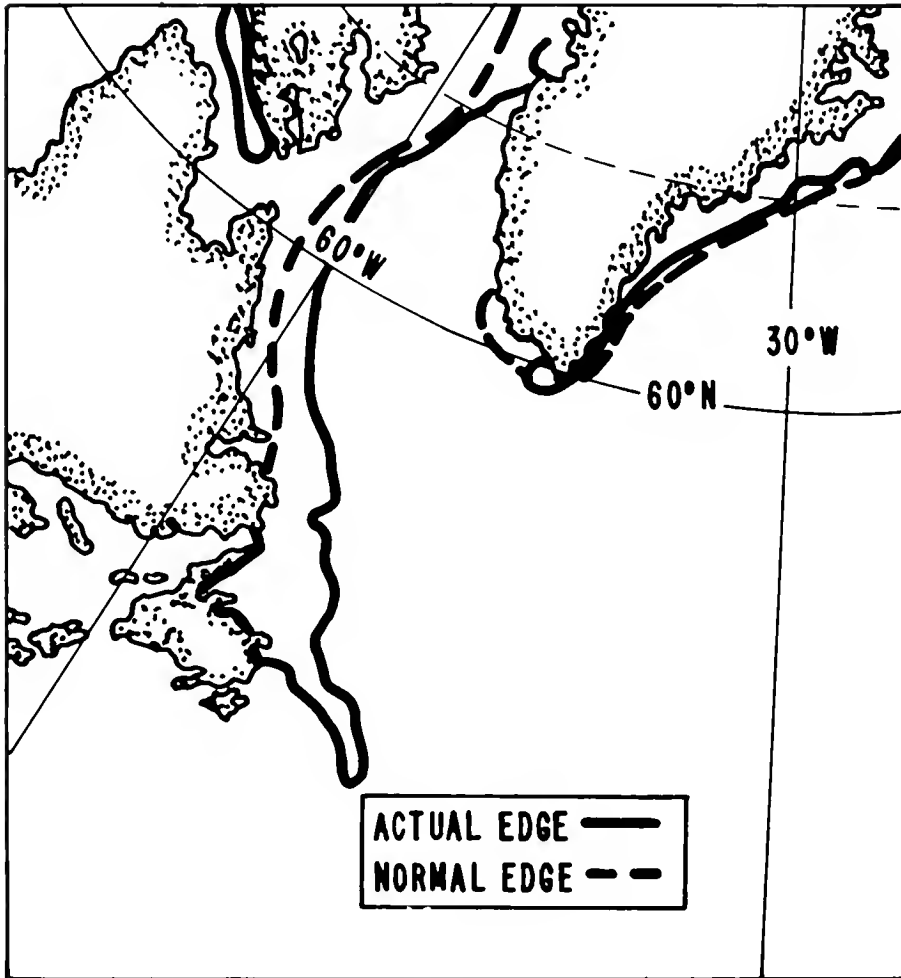


FIGURE 67. Normal sea ice edge compared with May 1972 sea ice edge (after Sanderson, 1972 c).

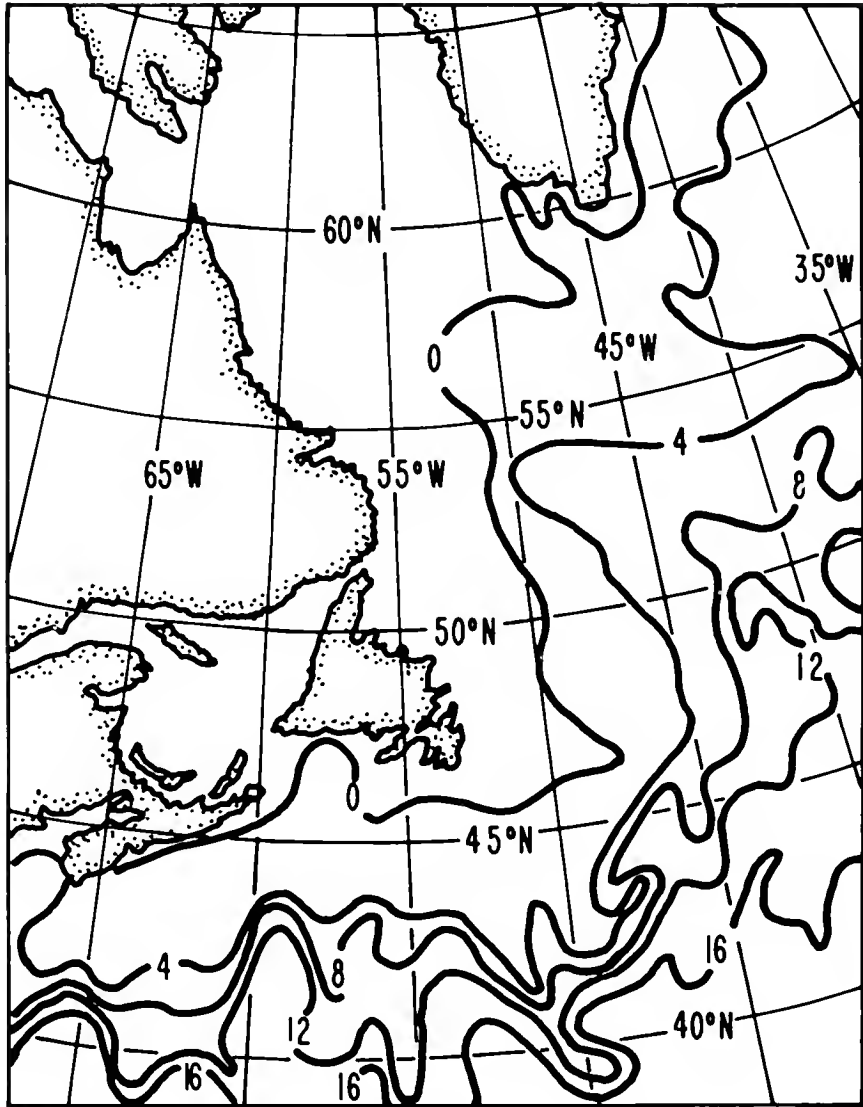


FIGURE 68. Mean sea surface temperatures ($^{\circ}\text{C}$) for March 1972 (after Royal Meteorological Office, 1972 a).

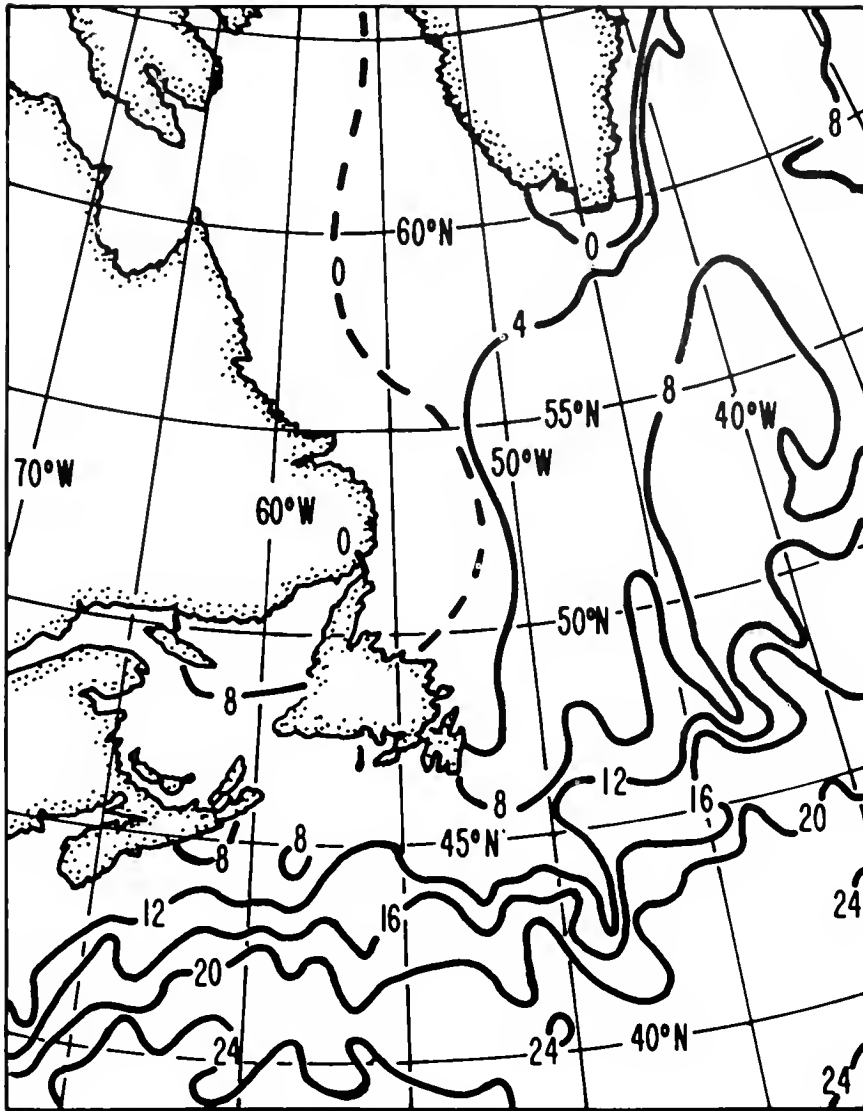


FIGURE 69. Mean sea surface temperature ($^{\circ}\text{C}$) for June 1972 (after Royal Meteorological Office, 1972 b).

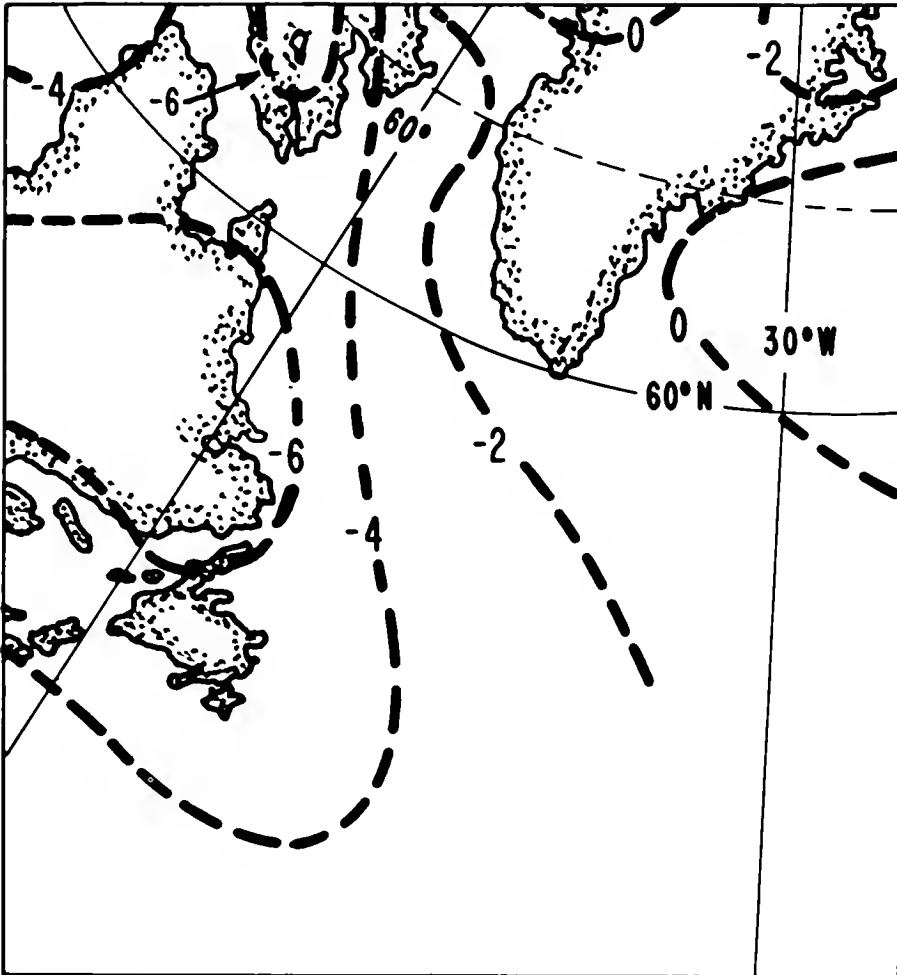


FIGURE 70. Air temperature anomaly for February 1972 (after Sanderson, 1972 B). Contour intervals 2 °C.

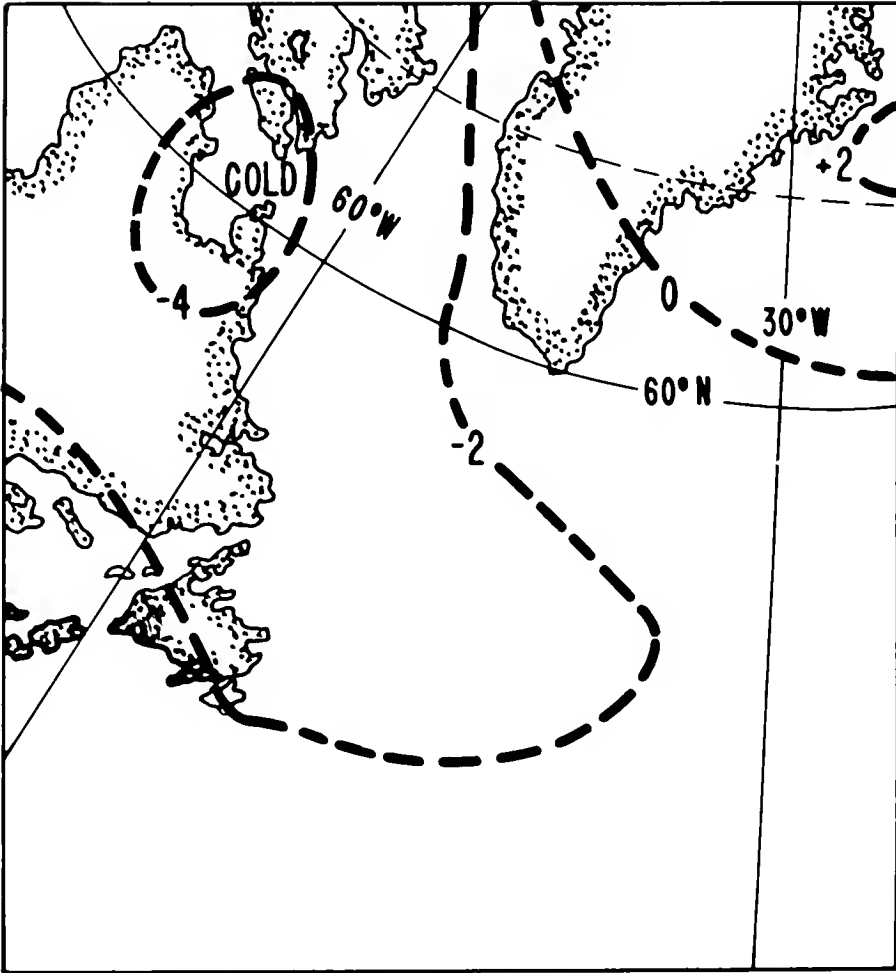


FIGURE 71. Air temperature anomaly for May 1972 (after Sanderson, 1972 c). Contour intervals 2 °C.

APPENDIX A

OCEANOGRAPHIC DATA

Cruises Listed

<i>Table</i>		<i>Page</i>
I.	CGC SHERMAN November 1972 -----	80
II.	CGC SPENCER September 1972 -----	85
III.	CGC GALLATIN March 1971 -----	89
IV.	CGC CAMPBELL July 1971 -----	95
V.	CGC CHASE August 1971 -----	101
VI.	CGC DALLAS November 1971 -----	107
VII.	CGC SHERMAN March 1972 -----	114
VIII.	CGC SHERMAN August 1972 -----	120
IX.	CGC GALLATIN December 1972 -----	127
X.	CGC HAMILTON September 1972 -----	132
XI.	CGC DALLAS March 1971 -----	139
XII.	CGC GALLATIN January 1972 -----	151
XIII.	CGC EVERGREEN April-June 1972 -----	158

Codes Utilized

To facilitate use of the oceanographic station data listing, entry headings which are not self-explanatory are described below.

Latitude ----- Degrees and minutes of latitude.
 Longitude ----- Degrees and minutes of longitude.
 Depth to bottom ----- Uncorrected soundings in meters.

Wave observations:

DIR. ----- Rounded to nearest multiple of 10 degrees.
 HGT. ----- Increments of $\frac{1}{2}$ meter. Sum of 5 meters plus increments of $\frac{1}{2}$ meters if 50 is added to direction.
 PER. ----- If numerals 2 through 9 are entered, period in seconds is either twice the numeric entry or 2X (numeric entry) + 1. 0=20 or 21 sec. 1=over 21 seconds. X=calm or not determined.
 SEA ----- Sea state according to WMO Code 3700.

<i>Code</i>	<i>Height</i>	<i>Code</i>	<i>Height</i>
0	0m	5	2.5-4m
1	0-0.1m	6	4-6m
2	0.1-0.5m	7	6-9m
3	0.5-1.25m	8	9-14m
4	1.25-2.5m	9	>14m

Weather Code -----Weather according to WMO Code 4501.

<i>Code</i>		<i>Code</i>	
0	Clear	5	Drizzle
1	Partly cloudy	6	Rain
2	Cont. layers of clouds	7	Snow and rain and snow mixed
3	Blowing snow, sandstorm, etc.	8	Shower(s)
4	Fog, haze, dust	9	Thunderstorm(s)

Cloud Code

Type -----Cloud type according to WMO Code 0500.

<i>Code</i>	<i>Type</i>	<i>Code</i>	<i>Type</i>
0	Cirrus	5	Nimbostratus
1	Cirrocumulus	6	Stratocumulus
2	Cirrostratus	7	Stratus
3	Alto cumulus	8	Cumulus
4	Altostratus	9	Cumulonimbus

X Clouds not visible due to darkness, fog, or other analogous phenomena

Amount -----Cloud amount in eighths. Entry of the numeral 9 indicates cloud amount could not be estimated.

Wind

Dir. -----Rounded to nearest multiple of 10 degrees.

Speed -----Wind speed in knots.

Barometer -----Barometric pressure given in tens, units, and tenths of millibars.

Vis. Code -----Visibility according to WMO Code 4300.

<i>Code</i>	<i>Visibility</i>	<i>Code</i>	<i>Visibility</i>
0	Less than 50m	5	2-4km
1	50-200m	6	4-10km
2	200-500m	7	10-20km
3	500-1000m	8	20-50km
4	1-2km	9	50km or more

Dyn. Ht. -----Dynamic height in dynamic meters with respect to 1000 decibar reference surface.

Messenger time -----Entered in hours and tenths of an hour. Indicates the starting time for lowering the STD sensor.

Depth -----Depth to nearest meter.

Temp. -----Temperature to hundredths of a degree Celsius.

Sal. -----Salinity to hundredths of a part per thousand.

Sig-t -----Sigma-t value.

TABLE I.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SHERMAN, 11-13 November 1972. Prepared from NODC Listing No. 31-2136.

REFID 31 2136 YEAR 1972 BUTOP 03017 AIR TEMP 00.6 DIR HGT PER WIND-DIR 04 INST NANSEN CAST TEN SQ 1407
 CONSEC 0001 MONTH 11 SHIP 1H WET BULB -01.4 04 2 3 WIND-SPO 14 TRACE DIR 5 SQUARE 3
 LAT 55 14.9N DAY 11 DATA USE 1 BAROMETR 1029.2 SEA WIND-FDR DURATION 2 SQUARE 42
 LONG 052 55.7W HOUR 18.8 AREA 05 CLOUD T/A 6/8 CL/TR WEATHER X7 ORIG A1 009 1 SQUARE 52

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	OYNPTH	SNO VEL	OXYG	PJ4	TOT P	NO2	NO3	SI03	PH
	STD	00000	00.54	33.48	26.88	00.000	1447.7							
18.8	0BS	00000	00.54	33.482	26.88		1449.7							
	STD	00010	00.54	33.50	26.88	00.012	1450.0							
	STD	00020	00.63	33.51	26.89	00.024	1450.4							
18.8	0BS	00022	00.64	33.511	26.89		1450.5							
	STD	00030	00.92	33.56	26.91	00.035	1452.0							
18.8	0BS	00044	01.27	33.650	26.97		1453.9							
	STD	00050	01.31	33.71	27.01	00.057	1454.3							
18.8	0BS	00066	01.44	33.828	27.10		1455.3							
	STD	00075	01.50	33.85	27.11	00.083	1455.7							
18.8	0BS	00089	01.64	33.909	27.15		1456.6							
	STD	00100	01.81	34.05	27.24	00.105	1457.8							
	STD	00125	02.23	34.30	27.42	00.124	1460.4							
18.8	0BS	00133	02.37	34.373	27.46		1461.2							
	STD	00150	02.72	34.47	27.51	00.140	1463.3							
18.8	0BS	00182	03.34	34.635	27.58		1466.6							
	STD	00200	03.54	34.67	27.59	00.168	1467.8							
	STD	00250	03.98	34.75	27.61	00.194	1470.6							
18.8	0BS	00272	04.11											
	STD	00300	04.16	34.82	27.65	00.219	1472.2							
18.8	0BS	T00368	04.24	34.880	27.69		1473.8							
	STD	00400	04.24	34.89	27.70	00.265	1474.3							
18.8	0BS	00459	04.24	34.910	27.71		1475.3							
	STD	00500	04.19	34.91	27.71	00.310	1475.8							
18.8	0BS	T00551	04.14	34.906	27.72		1476.4							
	STD	00600	04.13	34.91	27.72	00.354	1477.2							
	STD	00700	04.10	34.91	27.73	00.398	1478.7							
18.8	0BS	00736	04.09	34.914	27.73		1479.3							
	STD	00800	04.05	34.92	27.73	00.443	1480.2							
	STD	00900	04.00	34.92	27.74	00.488	1481.6							
18.8	0BS	00927	03.98	34.918	27.74		1482.0							
18.8	0BS	T01410	03.69	34.930	27.78		1488.9							
	STD	01500	03.62	34.93	27.79		1490.1							
	STD	01750	03.41	34.94	27.82		1493.5							
	STD	02000	03.17	34.94	27.84		1496.7							
20.5	0BS	T02103	03.07	34.945	27.86		1498.1							
	STD	02500	02.87	34.94	27.87		1504.0							
20.5	0BS	02650	02.47	34.927	27.90		1504.8							
20.5	0BS	T02710	02.26	34.919	27.91		1505.0							
20.5	0BS	T02809	02.09	34.913	27.92		1505.9							

REFID 31 2136 YEAR 1972 BUTOP 02469 AIR TEMP 00.0 DIR HGT PER WIND-DIR 05 INST NANSEN CAST TEN SQ 1407
 CONSEC 0002 MONTH 11 SHIP 1H WET BULB -01.8 06 3 2 WIND-SPO 13 TRACE DIR 5 SQUARE 3
 LAT 55 07 N DAY 11 DATA USE 1 BAROMETR 1029.3 SEA WIND-FDR DURATION 2 SQUARE 42
 LONG 053 10 W HOUR 23.3 AREA 05 CLOUD T/A 6/8 CL/TR WEATHER X7 ORIG A1 009 1 SQUARE 53

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	OYNPTH	SNO VEL	OXYG	PJ4	TOT P	NO2	NO3	SI03	PH
	STD	00000	01.06	33.64	26.98	00.000	1452.2							
23.3	0BS	00000	01.06	33.645	26.98		1452.2							
	STD	00010	01.26	33.68	26.99	00.011	1453.3							
	STD	00020	01.41	33.71	27.00	00.022	1454.2							
23.3	0BS	00025	01.48	33.728	27.01		1454.6							
	STD	00030	01.54	33.75	27.02	00.032	1455.0							
23.3	0BS	00046	01.65	33.802	27.06		1455.3							
	STD	00050	01.59	33.81	27.07	00.053	1455.7							
23.3	0BS	00071	01.52	33.875	27.13		1455.8							
	STD	00075	01.57	33.93	27.17	00.076	1456.1							
23.3	0BS	00092	01.82	34.140	27.32		1457.6							
	STD	00100	02.00	34.21	27.36	00.097	1458.8							
	STD	00125	02.53	34.41	27.48	00.114	1461.8							
23.3	0BS	00139	02.81	34.507	27.53		1463.4							
	STD	00150	03.05	34.57	27.56	00.128	1464.7							
23.3	0BS	T00185	03.68	34.731	27.63		1468.2							
	STD	00200	03.81	34.76	27.64	00.154	1469.0							
	STD	00250	04.12	34.83	27.66	00.173	1471.3							
23.3	0BS	00278	04.23	34.862	27.67		1472.2							
	STD	00300	04.23	34.87	27.68	00.201	1472.6							
23.3	0BS	T00364	04.22	34.894	27.70		1473.7							
	STD	00400	04.22	34.90	27.70	00.245	1474.2							
23.3	0BS	00463	04.22	34.905	27.71		1475.3							
	STD	00500	04.21	34.91	27.71	00.290	1475.9							
23.3	0BS	T00556	04.19	34.906	27.71		1476.7							
	STD	00600	04.17	34.91	27.72	00.334	1477.4							
	STD	00700	04.14	34.92	27.73	00.379	1478.9							
23.3	0BS	00746	04.12	34.919	27.73		1479.6							
	STD	00800	04.03	34.91	27.74	00.424	1480.1							
	STD	00900	03.88	34.91	27.75	00.468	1481.1							
23.3	0BS	T00938	03.83	34.905	27.75		1481.6							
23.3	0BS	T01452	03.63	34.935	27.74		1484.6							

TABLE I.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SHERMAN, 11-13 November 1972, Prepared from NODC Listing No. 31-2136.—Continued

REFID 31 2136 YEAR 1972 BOTOP 01765 AIR TEMP 00.0 DIR HGT PER WIND-DIR 05 INST NANSEN CAST TEN SQ 1407
 CONSEC 0003 MONTH 11 SHIP LN WET BULB -01.8 06 3 2 WIND-SPD 13 TRACE DIR 5 SQUARE 1
 LAT 54 59 N DAY 12 DATA USE 1 BAROMETR 1029.4 SEA WIND-FJR DURATION 2 SQUARE 42
 LONG 053 25 W HOUR 01.5 AREA 05 CLOUD T/A 6/8 CL/TR WEATHER X7 ORIG A1 009 1 SQUARE 43

CASSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	UXYG	PJ4	TOT P	NU2	NU3	SI03	PH
01.5	STO	00000	- 0.52	33.01	26.54	00.000	1444.1							
	DBS	00000	- 0.52	33.009	26.54		1444.1							
	STO	00010	- 0.16	33.21	26.69	00.014	1446.2							
	STO	00020	00.07	33.35	26.80	00.027	1447.6							
01.5	DBS	00026	00.14	33.416	26.84		1448.2							
	STO	00030	00.09	33.43	26.85	00.040	1448.0							
01.5	DBS	00049	- 0.01	33.493	26.91		1448.0							
	STO	00050	- 0.01	33.50	26.92	00.063	1448.0							
	STO	00075	00.17	33.65	27.03	00.091	1449.4							
01.5	DBS	00076	00.18	33.659	27.04		1449.5							
01.5	DBS	00098	00.48	33.819	27.15		1451.5							
	STO	00100	00.55	33.84	27.16	00.115	1451.9							
	STO	00125	01.40	34.07	27.29	00.136	1456.4							
01.5	DBS	00147	02.03	34.247	27.39		1459.8							
	STO	00150	02.10	34.27	27.40	00.155	1460.2							
01.5	DBS	T00197	03.07	34.551	27.54		1465.5							
	STO	00200	03.12	34.56	27.55	00.186	1465.8							
	STO	00250	03.74	34.72	27.61	00.213	1469.5							
01.5	DBS	00295	04.08	34.809	27.65		1471.8							
	STO	00300	04.08	34.81	27.65	00.238	1471.9							
01.5	DBS	T00393	04.06	34.860	27.69		1473.4							
	STO	00400	04.07	34.86	27.69	00.285	1473.6							
01.5	DBS	00492	04.16	34.897	27.71		1475.5							
	STO	00500	04.16	34.90	27.71	00.329	1475.6							
01.5	DBS	00590	04.14	34.912	27.72		1477.1							
	STO	00600	04.12	34.91	27.72	00.374	1477.2							
	STO	00700	03.99	34.90	27.73	00.418	1478.2							
01.5	DBS	T00791	03.89	34.891	27.73		1479.3							
	STO	00800	03.88	34.89	27.73	00.463	1479.5							
	STO	00900	03.81	34.89	27.74	00.507	1480.1							
01.5	DBS	T00992	03.76	34.897	27.75		1482.1							
01.5	DBS	T01508	03.68	34.933	27.79		1490.5							

REFID 31 2136 YEAR 1972 BOTOP 00960 AIR TEMP 00.2 DIP HGT PER WIND-DIR 04 INST NANSEN CAST TEN SQ 1407
 CONSEC 0004 MONTH 11 SHIP LN WET BULB -01.5 04 3 2 WIND-SPD 14 TRACE DIR 5 SQUARE 1
 LAT 54 54 N DAY 12 DATA USE 1 BAROMETR 1030.5 SEA WIND-FJR DURATION 2 SQUARE 42
 LONG 053 34 W HOUR 07.2 AREA 05 CLOUD T/A 6/8 CL/TR WEATHER X2 ORIG A1 009 1 SQUARE 43

CASSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	UXYG	PJ4	TOT P	NU2	NU3	SI03	PH
07.2	STO	00000	00.68	32.45	26.04	00.000	1448.9							
	DBS	00000	00.68	32.455	26.04		1448.9							
	STO	00010	- 0.07	32.68	26.26	00.019	1445.4							
	STO	00020	- 0.50	32.86	26.43	00.036	1444.3							
07.2	DBS	00023	- 0.57	32.909	26.47		1444.1							
	STO	00030	- 0.41	32.99	26.53	00.051	1445.1							
07.2	DBS	00045	- 0.17	33.139	26.64		1446.7							
	STO	00050	- 0.11	33.17	26.66	00.080	1447.1							
07.2	DBS	00068	- 0.08	33.264	26.73		1447.6							
	STO	00075	- 0.22	33.28	26.75	00.114	1447.1							
07.2	DBS	00091	- 0.44	33.357	26.82		1446.5							
	STO	00100	- 0.29	33.45	26.89	00.145	1447.5							
	STO	00125	00.15	33.67	27.05	00.172	1450.2							
07.2	DBS	00137		33.765										
	STO	00150	00.62	33.85	27.17	00.196	1453.0							
07.2	DBS	T00188	01.37	34.089	27.31		1457.3							
	STO	00200	01.72	34.18	27.36	00.237	1459.2							
	STO	00250	02.91	34.49	27.51	00.271	1465.7							
07.2	DBS	00282	03.46	34.639	27.58		1468.7							
	STO	00300	03.62	34.69	27.60	00.299	1469.8							
07.2	DBS	T00377	04.09	34.829	27.66		1473.2							
	STO	00400	04.14	34.84	27.67	00.349	1473.8							
07.2	DBS	00479	04.22	34.880	27.69		1475.5							
	STO	00500	04.20	34.88	27.69	00.396	1475.8							
07.2	DBS	T00576	04.14	34.895	27.71		1476.8							
	STO	00600	04.13	34.90	27.71	00.441	1477.2							
	STO	00700	04.10	34.91	27.73	00.486	1478.7							
07.2	DBS	T00772	04.07	34.913	27.73		1479.8							
	STO	00800	04.03	34.91	27.73	00.531	1480.1							
07.2	DBS	T00881	03.86	34.904	27.75		1480.7							

TABLE 1.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SHERMAN, 11-13 November 1972, Prepared from NODC Listing No. 31-2136.—Continued

REFID 31 2136 YEAR 1972 BOTOP 00320 AIR TEMP 00.0 DIR HGT PER WIND-DIR 05 INST NANSEN CAST TEN SQ 1407
 CONSEC 0005 MONTH 11 SHIP 1H WET BULB -01.5 DIR 2 2 WIND-SPO 12 TRACE DIR 5 SQUARE 1
 LAT 54 45 N DAY 12 DATA USE 1 BAROMETR 1029.1 SEA WIND-FUR DURATION 2 SQUARE 42
 LONG 053 51 W HOUR 09.3 AREA 05 CLOUD T/A 6/8 CL/TR WEATHER X2 ORIG A1 009 1 SQUARE 43

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	UXYG	P34	TOT P	NU2	NU3	S103	PH
	STD	00000	- 0.61	32.54	26.17	00.000	1443.0							
09.3	OBS	00000	- 0.61	32.537	26.17		1443.0							
	STU	00010	- 0.58	32.54	26.17	00.019	1443.4							
	STO	00020	- 0.55	32.55	26.18	00.037	1443.7							
09.3	OBS	00025	- 0.54	32.557	26.18		1443.8							
	STO	00030	- 0.53	32.564	26.25	00.055	1444.0							
	STO	00050	- 0.48	32.88	26.44	00.089	1445.0							
09.3	OBS	00050	- 0.48	32.882	26.44		1445.0							
	STO	00075	- 0.34	32.96	26.50	00.128	1446.1							
09.3	OBS	00075	- 0.34	32.959	26.50		1446.1							
	STO	00100	- 0.20	33.07	26.58	00.166	1447.3							
09.3	OBS	00100	- 0.20	33.064	26.58		1447.3							
	STU	00125	- 0.02	33.17	26.65	00.201	1448.7							
09.3	OBS	00149	00.15											
	STO	00150	00.15	33.29	26.74	00.235	1450.1							
	STO	00200	00.51	33.61	26.96	00.295	1453.0							
09.3	OBS	T00204	00.57	33.640	27.00		1453.4							
	STO	00250	01.48	34.03	27.25	00.343	1458.8							
09.3	OBS	T00299	03.01	34.536	27.54		1466.9							

REFID 31 2136 YEAR 1972 BOTOP 00238 AIR TEMP 01.4 DIR HGT PER WIND-DIR 05 INST NANSEN CAST TEN SQ 1407
 CONSEC 0006 MONTH 11 SHIP 1H WET BULB -00.4 DIR 3 3 WIND-SPO 08 TRACE DIR 5 SQUARE 1
 LAT 54 37 N DAY 12 DATA USE 1 BAROMETR 1029.0 SEA WIND-FUR DURATION 2 SQUARE 44
 LONG 054 06 W HOUR 15.8 AREA 05 CLOUD T/A 6/8 CL/TR WEATHER X2 ORIG A1 009 1 SQUARE 44

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	UXYG	P34	TOT P	NU2	NU3	S103	PH
	STD	00000	- 0.57	32.52	26.16	00.000	1443.2							
15.8	OBS	00000	- 0.57	32.525	26.16		1443.2							
	STU	00010	- 0.58	32.53	26.16	00.019	1443.4							
	STO	00020	- 0.58	32.54	26.17	00.037	1443.5							
15.8	OBS	00025	- 0.58	32.545	26.17		1443.6							
	STO	00030	- 0.58	32.55	26.18	00.056	1443.7							
15.8	OBS	00049	- 0.57	32.572	26.19		1444.1							
	STO	00050	- 0.56	32.58	26.20	00.092	1444.2							
15.8	OBS	00074	- 0.33	32.800	26.37		1445.9							
	STO	00075	- 0.33	32.81	26.37	00.136	1446.0							
15.8	OBS	00099	- 0.35	32.942	26.48		1446.5							
	STO	00100	- 0.37	32.94	26.49	00.176	1446.4							
	STO	00125	- 0.80	33.02	26.57	00.214	1446.9							
15.8	OBS	00149	- 0.99	33.118	26.65		1446.5							
	STO	00150	- 0.98	33.12	26.65	00.249	1446.6							
	STO	00200	- 0.55	33.38	26.85	00.314	1447.8							
15.8	OBS	T00211	- 0.46	33.451	26.90		1448.5							

REFID 31 2136 YEAR 1972 BOTOP 00205 AIR TEMP 01.6 DIR HGT PER WIND-DIR 04 INST NANSEN CAST TEN SQ 1407
 CONSEC 0007 MONTH 11 SHIP 1H WET BULB 00.1 DIR 3 2 WIND-SPO 05 TRACE DIR 5 SQUARE 1
 LAT 54 27 N DAY 12 DATA USE 1 BAROMETR 1029.1 SEA WIND-FUR DURATION 2 SQUARE 44
 LONG 054 25 W HOUR 17.5 AREA 05 CLOUD T/A 6/8 CL/TR WEATHER X2 ORIG A1 009 1 SQUARE 44

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	UXYG	P34	TOT P	NU2	NU3	S103	PH
	STD	00000	- 0.60	32.56	26.18	00.000	1443.1							
17.5	OBS	00000	- 0.60	32.558	26.18		1443.1							
	STU	00010	- 0.58	32.57	26.15	00.018	1443.4							
	STO	00020	- 0.56	32.59	26.21	00.037	1443.7							
17.5	OBS	00025	- 0.55	32.602	26.22		1443.3							
	STU	00030	- 0.55	32.63	26.24	00.055	1444.0							
	STO	00050	- 0.54	32.73	26.32	00.090	1444.5							
17.5	OBS	00055	- 0.54	32.733	26.32		1444.5							
	STU	00075	- 0.41	32.90	26.45	00.131	1445.7							
17.5	OBS	00076	- 0.41	32.904	26.46		1445.7							
	STU	00100	- 0.37	33.00	26.54	00.167	1446.9							
17.5	OBS	00101		33.007										
	STU	00125	- 0.37	33.15	26.65	00.206	1447.1							
	STO	00150	- 0.35	33.28	26.76	00.237	1447.3							
17.5	OBS	00151	- 0.35	33.267	26.76		1447.3							
17.5	OBS	T00161	- 0.55	33.440	26.84		1447.6							

TABLE I- Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SHERMAN, 11 13 November 1972, Prepared from NODC Listing No. 31-2136.- Continued

REFID 31 2136 YEAR 1972 BOTOP 00183 AIR TEMP 00.6 DIR HGT PER WIND-DIR 01 INST NANSEN CAST TEN SQ 1407
 CONSEC 0008 MONTH 11 SHIP 18 WET BULB -01.5 11 2 3 WIND-SPD 01 TRACE DIR 5 SQUARE 1
 LAT 54 19 N DAY 12 DATA USE 1 BAROMETR 1028.7 SEA WIND-FUR 01 DURATION 2 SQUARE 44
 LONG 054 40 W HOUR 18.9 AREA 05 CLOUD T/A 6/8 CL/TR RELATRF AC ORIG A1 009 1 SQUARE 44

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXYG	P34	TGT P	N02	N03	S103	PH
	STD	00000	- 0.40	32.41	26.06	00.000	1443.9							
18.9	OBS	00300	- 0.40	32.414	26.06		1443.9							
	STD	00010	- 0.40	32.42	26.07	00.020	1444.0							
	STD	00020	- 0.41	32.45	26.09	00.039	1444.2							
18.9	OBS	00025	- 0.41	32.473	26.11		1444.3							
	STD	00030	- 0.41	32.52	26.15	00.054	1444.3							
	STD	00050	- 0.56	32.68	26.28	00.094	1444.3							
18.9	OBS	00050	- 0.56	32.678	26.28		1444.3							
	STD	00075	- 0.61	32.83	26.41	00.130	1443.8							
18.9	OBS	00075	- 0.61	32.828	26.41		1443.8							
	STD	00100	- 0.10	33.00	26.53	00.176	1446.8							
18.9	OBS	00100	- 0.10	33.005	26.53		1446.8							
	STD	00125	- 0.57	33.13	26.65	00.212	1446.1							
	STD	00150	- 0.84	33.22	26.72	00.240	1445.4							
18.9	OBS	00158	- 0.93	33.231	26.74		1445.1							

REFID 31 2136 YEAR 1972 BOTOP 00172 AIR TEMP 01.2 DIR HGT PER WIND-DIR 09 INST NANSEN CAST TEN SQ 1407
 CONSEC 0009 MONTH 11 SHIP 18 WET BULB -00.4 11 3 3 WIND-SPD 05 TRACE DIR 5 SQUARE 1
 LAT 54 12 N DAY 12 DATA USE 1 BAROMETR 1029.0 SEA WIND-FUR 01 DURATION 2 SQUARE 44
 LONG 054 51 W HOUR 20.3 AREA 05 CLOUD T/A 6/6 CL/TR WEATHER X2 ORIG A1 009 1 SQUARE 44

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXYG	P34	TGT P	N02	N03	S103	PH
	STD	00000	00.02	32.53	26.14	00.000	1446.0							
20.3	OBS	00000	00.04	32.534	26.14		1446.0							
	STD	00010	00.13	32.55	26.25	00.013	1446.7							
	STD	00020	00.21	32.56	26.25	00.038	1447.2							
20.3	OBS	00025	00.23	32.567	26.26		1447.4							
	STD	00030	00.24	32.57	26.26	00.056	1447.4							
	STD	00050	03.19	32.57	26.26	00.094	1447.6							
20.3	OBS	00050	00.19	32.575	26.26		1447.6							
	STD	00075	- 0.47	32.91	26.48	00.136	1443.1							
20.3	OBS	00075	- 0.57	32.910	26.48		1443.1							
	STD	00100	- 1.10	33.02	26.58	00.174	1443.1							
20.3	OBS	00100	- 1.10	33.025	26.58		1443.1							
	STD	00125	- 1.14	33.13	26.67	00.209	1443.2							
20.3	OBS	00147	- 1.24	33.215	26.74		1443.5							

REFID 31 2136 YEAR 1972 BOTOP 00157 AIR TEMP 00.4 DIR HGT PER WIND-DIR 07 INST NANSEN CAST TEN SQ 1407
 CONSEC 0010 MONTH 11 SHIP 18 WET BULB -01.6 11 3 3 WIND-SPD 07 TRACE DIR 5 SQUARE 2
 LAT 54 03 N DAY 12 DATA USE 1 BAROMETR 1028.5 SEA WIND-FUR 01 DURATION 2 SQUARE 44
 LONG 055 10 W HOUR 21.4 AREA 05 CLOUD T/A 6/5 CL/TR WEATHER X2 ORIG A1 009 1 SQUARE 44

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXYG	P34	TGT P	N02	N03	S103	PH
	STD	00000	- 0.33	32.41	26.06	00.000	1444.2							
21.4	OBS	00000	- 0.13	32.413	26.06		1444.2							
	STD	00010	- 0.32	32.41	26.06	00.020	1444.5							
	STD	00020	- 0.30	32.42	26.06	00.039	1444.7							
21.4	OBS	00025	- 0.28	32.431	26.07		1444.8							
	STD	00030	- 0.23	32.43	26.07	00.059	1445.2							
	STD	00050	- 0.15	32.51	26.12	00.097	1446.0							
21.4	OBS	00050	- 0.15	32.506	26.12		1446.0							
	STD	00075	- 0.37	32.76	26.34	00.142	1445.7							
21.4	OBS	00075	- 0.37	32.765	26.34		1445.7							
	STD	00100	- 0.71	32.94	26.50	00.182	1444.4							
21.4	OBS	00100	- 1.16	33.07	26.62	00.217	1443.3							
	STD	00125	- 1.31	33.099	26.64		1442.7							

TABLE I.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SHERMAN, 11-13 November 1972, Prepared from NODC Listing No. 31-2136.—Continued

REFID	31	2136	YEAR	1972	BOTUP	00160	AIR TEMP	00.2	DIF FGT PER	WIND-DIR	07	INST NANSEN	CAS	TEN SQ	1407				
CONSEC		0011	MONTH	11	SHIP	1H	WET BULB	-01.4	11	3	3	TRACE	DIR	5	SQUARE	2			
LAT	53	57.5N	DAY	12	DATA	USE	1	BAROMETR	1028.3	SEA		DURATION		2	SQUARE	24			
LONG	055	31.0W	HOOR	23.7	AREA		05	CLOUD T/A	6/8	CL/TR		WEATHER	X2	ORIG	A1	009	1	SQUARE	35

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	SIG3	PH
	STD	00000	- 0.45	32.02	25.74	00.000	1443.1							
23.7	UBS	00000	- 0.45	32.020	25.74		1443.1							
	STD	00010	- 0.48	32.06	25.44	00.022	1443.4							
	STD	00020	- 0.51	32.03	26.08	00.042	1443.7							
23.7	UBS	00025	- 0.53	32.493	26.13		1443.8							
	STD	00030	- 0.56	32.49	26.13	00.061	1443.7							
	STD	00050	- 0.60	32.52	26.15	00.098	1443.7							
23.7	UBS	00050	- 0.60	32.516	26.15		1443.7							
	STD	00075	- 0.52	32.58	26.20	00.145	1444.4							
23.7	UBS	00075	- 0.52	32.581	26.20		1444.8							
	STD	00100	- 0.59	32.40	26.38	00.184	1445.2							
23.7	UBS	00100	- 0.59	32.403	26.38		1445.2							
	STD	00125	- 0.57	33.04	26.61	00.226	1446.1							
23.7	UBS	00143	- 0.49	33.339	26.81		1447.1							

REFID	31	2136	YEAR	1972	BOTUP	00165	AIR TEMP	00.3	DIF FGT PER	WIND-DIR	07	INST NANSEN	CAS	TEN SQ	1407				
CONSEC		0012	MONTH	11	SHIP	1H	WET BULB	-01.4	11	3	3	TRACE	DIR	5	SQUARE	2			
LAT	53	47 N	DAY	13	DATA	USE	1	BAROMETR	1029.1	SEA		DURATION		2	SQUARE	24			
LONG	055	40 W	HOOR	01.1	AREA		05	CLOUD T/A	6/8	CL/TR		WEATHER	X2	ORIG	A1	009	1	SQUARE	35

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	SIG3	PH
	STD	00000	00.06	31.39	25.21	00.000	1444.5							
01.1	UBS	00000	00.06	31.378	25.21		1444.5							
	STD	00010	00.05	31.76	25.51	00.026	1445.2							
	STD	00020	00.04	32.04	25.74	00.050	1445.7							
01.1	UBS	00025	00.04	32.144	25.83		1445.9							
	STD	00030	- 0.07	32.19	25.87	00.072	1445.6							
	STD	00050	- 0.33	32.21	25.98	00.114	1445.9							
01.1	UBS	00050	- 0.33	32.314	25.98		1445.9							
	STD	00075	- 0.27	32.34	26.00	00.164	1445.6							
01.1	UBS	00075	- 0.27	32.344	26.00		1445.6							
	STD	00100	- 0.33	32.38	26.03	00.214	1445.8							
01.1	UBS	00100	- 0.33	32.376	26.03		1445.8							
	STD	00125	- 0.34	32.43	26.07	00.263	1446.2							
01.1	UBS	00140	- 0.34	32.480	26.11		1446.5							

TABLE II.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SPENCER, 21-22 September 1972, Prepared from NODC Listing No. 31 2135.

REF ID: 31 2135 YEAR: 1972 BUOY: 00156 AIR TEMP: 05.1 DIF. HGT. PER: 34 2 2 WIND-DIR: 34 INST. NANSEN CAST: TEN SQ. 1407
 CONSEC: 0001 MONTH: 09 SHIP SC: MET. BULB: 03.9 WIND-SPD: 14 TRACE DIR: 5 SQUARE 2
 LAT: 53 47 N DAY: 21 DATA USE: 1 BAROMETR: 1016.7 SEA: WIND-FOR: DURATION: 2 SQUARE 24
 LONG: 055 40 W HOUR: 19.0 AREA: 05 CLOUD: T/A: 076 CLZTR: WEATHER: XI ORIG: AI 008 1 SQUARE 35

CSTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	UYNOPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	SI03	PH
19.0	UBS	00021	03.20	31.506	25.11		1459.1							
	STD	00030	03.11	31.52	25.12		1456.8							
19.0	UBS	00043	02.97	31.541	25.15		1458.5							
	STD	00050	01.67	31.61	25.47		1453.2							
19.0	UBS	00076	- 0.77	32.401	26.06		1443.3							
	STD	00075	- 0.68	32.47	26.12		1442.9							
19.0	UBS	00093	- 1.22	32.670	26.25		1441.9							
	STD	00100	- 1.32	32.73	26.35		1441.6							
	STD	00125	- 1.57	32.66	26.46		1441.1							
19.0	UBS	00125	- 1.57	32.858	26.46		1441.1							

REF ID: 31 2135 YEAR: 1972 BUOY: 00174 AIR TEMP: 03.5 DIF. HGT. PER: 33 2 2 WIND-DIR: 33 INST. NANSEN CAST: TEN SQ. 1407
 CONSEC: 0002 MONTH: 09 SHIP SC: MET. BULB: 02.2 WIND-SPD: 14 TRACE DIR: 5 SQUARE 2
 LAT: 53 55 N DAY: 21 DATA USE: 1 BAROMETR: 1018.3 SEA: WIND-FOR: DURATION: 2 SQUARE 24
 LONG: 055 25 W HOUR: 19.7 AREA: 05 CLOUD: T/A: 375 CLZTR: WEATHER: XI ORIG: AI 008 1 SQUARE 35

CSTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	UYNOPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	SI03	PH
19.7	UBS	00000	03.84	31.66	25.17	00.000	1461.7							
	STD	00000	03.84	31.663	25.17		1461.7							
	STD	00010	03.67	31.66	25.19	00.028	1461.1							
	STD	00020	03.50	31.72	25.25	00.056	1460.7							
19.7	UBS	00026	03.40	31.785	25.31		1460.4							
	STD	00030	02.20	31.84	25.46	00.082	1455.3							
19.7	UBS	00048	- 1.47	32.189	25.91		1439.3							
	STD	00050	- 1.48	32.27	25.99	00.127	1439.4							
	STD	00075	- 1.58	32.97	26.54	00.172	1440.3							
19.7	UBS	00076	- 1.58	32.980	26.56		1440.4							
19.7	UBS	00098	- 1.58	33.055	26.62		1440.3							
	STD	00100	- 1.58	33.06	26.62	00.208	1440.9							
	STD	00125	- 1.54	33.17	26.71	00.242	1441.3							
19.7	UBS	00148	- 1.48	33.296	26.81		1442.5							

REF ID: 31 2135 YEAR: 1972 BUOY: 00156 AIR TEMP: 03.5 DIF. HGT. PER: 34 2 2 WIND-DIR: 34 INST. NANSEN CAST: TEN SQ. 1407
 CONSEC: 0003 MONTH: 09 SHIP SC: MET. BULB: 01.7 WIND-SPD: 14 TRACE DIR: 5 SQUARE 2
 LAT: 54 02 N DAY: 21 DATA USE: 1 BAROMETR: 1016.7 SEA: WIND-FOR: DURATION: 2 SQUARE 24
 LONG: 055 19 W HOUR: 21.4 AREA: 05 CLOUD: T/A: 376 CLZTR: WEATHER: XI ORIG: AI 008 1 SQUARE 35

CSTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	UYNOPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	SI03	PH
21.4	UBS	00000	04.05	31.61	25.11	00.000	1462.5							
	STD	00000	04.05	31.611	25.11		1462.5							
21.4	UBS	00009	04.73	31.610	25.11		1462.6							
	STD	00010	03.93	31.53	25.14	00.028	1462.2							
	STD	00020	02.52	31.83	25.34	00.056	1455.3							
	STD	00030	01.88	32.05	25.64	00.080	1454.2							
21.4	UBS	00032	01.67	32.055	25.65		1453.3							
	STD	00050	- 0.71	32.66	26.27	00.122	1443.6							
21.4	UBS	00060	- 1.44	32.350	26.45		1440.6							
	STD	00075	- 1.50	32.41	26.50	00.163	1440.6							
21.4	UBS	00083	- 1.52	32.444	26.52		1440.7							
	STD	00100	- 1.51	33.03	26.55	00.203	1441.2							
	STD	00125	- 1.44	33.18	26.71	00.235	1441.9							
21.4	UBS	00134	- 1.46	33.239	26.76		1442.2							

TABLE H.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SPENCER, 21-22 September 1972, Prepared from NOIC Listing No. 31-2135.—Continued

REFID 31 2135 YEAR 1972 BUTOP 00170 AIR TEMP 03.5 DIR FGT PER WIND-DIR 32 INST NANSEN CAST TEN SQ 1407
 CONSEC 0004 MONTH 09 SHIP SC WET BULB 01.7 32 2 2 WIND-SPD 14 TRACE DIR 5 SQUARE 1
 LAT 54 21 N DAY 21 DATA USE 1 BAROMETR 1016.0 SEA WIND-FUR DURATION 2 SQUARE 94
 LONG 054 57 W HOUR 23.0 AREA 05 CLOUD T/A 3/5 CL/TR WEATHER X1 ORIG AL 008 1 SQUARE 44

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DRYDPHT	SND VEL	OXYG	P04	TGT P	N02	N03	SIG3	PH
	STD	00000	03.67	31.69	25.21	00.000	1461.0							
23.0	OBS	00000	03.67	31.694	25.21		1461.0							
	STD	00010	03.66	31.69	25.22	00.026	1461.1							
	STD	00020	03.65	31.69	25.22	00.055	1461.3							
23.0	OBS	00023	03.65	31.695	25.22		1461.3							
	STD	00030	01.57	32.10	25.75	00.080	1453.0							
23.0	OBS	00045	- 1.41	32.844	26.44		1440.5							
	STD	00053	- 1.40	32.866	26.46	00.119	1440.4							
23.0	OBS	00073	- 1.56	32.966	26.54		1440.4							
	STD	00075	- 1.56	32.98	26.55	00.157	1440.5							
23.0	OBS	00095	- 1.47	33.080	26.63		1441.3							
	STD	00100	- 1.43	33.11	26.65	00.193	1441.6							
	STD	00125	- 1.16	33.24	26.76	00.226	1443.5							
23.0	OBS	00145	- 0.83	33.357	26.84		1445.0							

REFID 31 2135 YEAR 1972 BUTOP 00185 AIR TEMP 03.5 DIR FGT PER WIND-DIR 32 INST NANSEN CAST TEN SQ 1407
 CONSEC 0005 MONTH 09 SHIP SC WET BULB 02.2 32 2 2 WIND-SPD 17 TRACE DIR 5 SQUARE 1
 LAT 54 20 N DAY 22 DATA USE 1 BAROMETR 1016.0 SEA WIND-FUR DURATION 2 SQUARE 44
 LONG 054 20 W HOUR 00.8 AREA 05 CLOUD T/A 3/5 CL/TR WEATHER X1 ORIG AL 008 1 SQUARE 44

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DRYDPHT	SND VEL	OXYG	P04	TGT P	N02	N03	SIG3	PH
	STD	00000	02.58	31.70	25.28	00.000	1458.0							
00.8	OBS	00000	02.58	31.702	25.28		1458.0							
	STD	00010	02.01	31.95	25.55	00.026	1454.3							
	STD	00020	01.10	32.10	25.75	00.049	1450.7							
	STD	00030	00.24	32.38	26.01	00.070	1447.3							
00.8	OBS	00032	00.08	32.420	26.04		1446.6							
	STD	00050	- 1.35	32.73	26.35	00.107	1440.7							
00.8	OBS	00052	- 1.44	32.759	26.37		1440.3							
	STD	00075	- 1.49	32.90	26.45	00.147	1440.7							
00.8	OBS	00077	- 1.45	32.906	26.49		1440.7							
00.8	OBS	00097	- 1.46	33.012	26.56		1441.5							
	STD	00100	- 1.44	33.03	26.55	00.185	1441.5							
	STD	00125	- 1.16	33.17	26.70	00.220	1443.4							
00.8	OBS	00142	- 0.83	33.283	26.76		1445.4							

REFID 31 2135 YEAR 1972 BUTOP 00201 AIR TEMP 02.8 DIR FGT PER WIND-DIR 31 INST NANSEN CAST TEN SQ 1407
 CONSEC 0006 MONTH 09 SHIP SC WET BULB 02.2 31 X X WIND-SPD 14 TRACE DIR 5 SQUARE 1
 LAT 54 25 N DAY 22 DATA USE 1 BAROMETR 1014.0 SEA WIND-FUR DURATION 2 SQUARE 44
 LONG 054 22 W HOUR 02.7 AREA 05 CLOUD T/A 3/5 CL/TR WEATHER X1 ORIG AL 008 1 SQUARE 44

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DRYDPHT	SND VEL	OXYG	P04	TGT P	N02	N03	SIG3	PH
	STD	00000	02.43	31.87	25.46	00.000	1455.3							
02.7	OBS	00000	02.43	31.866	25.46		1455.3							
02.7	OBS	00005	02.41	31.875	25.46		1455.4							
	STD	00010	02.33	31.93	25.51	00.025	1455.7							
	STD	00020	01.97	32.09	25.63	00.049	1454.4							
02.7	OBS	00027	01.55	32.115	25.72		1452.8							
	STD	00030	01.08	32.14	25.77	00.072	1450.7							
	STD	00050	- 1.11	32.39	26.06	00.114	1441.3							
02.7	OBS	00054	- 1.35	32.454	26.12		1440.4							
	STD	00075	- 1.44	32.91	26.50	00.158	1440.9							
02.9	OBS	00076	- 1.44	32.927	26.51		1441.0							
	STD	00100	- 1.10	33.05	26.55	00.195	1443.1							
	STD	00125	- 0.83	33.17	26.66	00.231	1445.0							
02.9	OBS	00126	- 0.82	33.171	26.65		1445.0							
	STD	00150	- 0.64	33.32	26.80	00.263	1446.5							
02.9	OBS	00175	- 0.54	33.488	26.93		1447.6							

TABLE II.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SPENCER, 21-22 September 1972, Prepared from XODC Listing No. 31-2135.—Continued

REFID 31 2135 YEAR 1972 BOTOP 00238 AIR TEMP 05.6 DIR HGT PER WIND-DIR 33 INST NANSEN CAST TEN SQ 1407
 CUNSEC 0007 MONTH 09 SHIP SC MET BULB 05.0 33 2 2 WIND-SPD 13 TRACE DIR 5 SQUARE 1
 LAT 54 31 N DAY 22 DATA USE 1 BAROMETR 1012.3 SEA WIND-FUR 2 SQUARE 44
 LONG 054 05 W HOUR 05.2 AREA 05 CLOUD T/A 3/3 CL/TR WEATHER XI ORIG AI 008 1 SQUARE 44

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	JXYG	P34	TOT P	NO2	NO3	SI03	PH
	STU	00000	00.00	32.55	26.11	00.000	1449.9							
05.2	UBS	00000	00.88	32.554	26.11		1449.9							
	STU	00010	00.66	32.56	26.16	00.019	1446.3							
	STU	00020	- 0.60	32.56	26.15	00.037	1443.5							
	STU	00030	- 1.08	32.56	26.21	00.056	1441.4							
05.2	UBS	00040	- 1.40	32.560	26.22		1440.0							
	STU	00050	- 1.46	32.66	26.31	00.091	1440.1							
05.2	UBS	00062	- 1.50	32.784	26.35		1440.2							
	STU	00075	- 1.49	32.66	26.46	00.132	1440.6							
05.2	UBS	00088	- 1.49	32.939	26.52		1440.9							
	STU	00100	- 1.42	33.00	26.57	00.170	1441.5							
05.2	UBS	00111	- 1.37	33.054	26.61		1442.0							
	STU	00125	- 1.33	33.13	26.67	00.206	1442.6							
	STU	00150	- 1.25	33.27	26.78	00.239	1443.6							
05.2	UBS	00159	- 1.22	33.322	26.82		1443.9							
	STU	00200	- 0.59	33.59	27.01	00.297	1447.9							
05.2	UBS	100206	- 0.41	33.643	27.05		1449.0							

REFID 31 2135 YEAR 1972 BOTOP 00293 AIR TEMP 05.6 DIR HGT PER WIND-DIR 33 INST NANSEN CAST TEN SQ 1407
 CUNSEC 0008 MONTH 09 SHIP SC MET BULB 04.4 33 2 2 WIND-SPD 13 TRACE DIR 5 SQUARE 1
 LAT 54 40 N DAY 22 DATA USE 1 BAROMETR 1011.3 SEA WIND-FUR 2 SQUARE 42
 LONG 053 54 W HOUR 07.0 AREA 05 CLOUD T/A 3/3 CL/TR WEATHER XI ORIG AI 008 1 SQUARE 43

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	JXYG	P34	TOT P	NO2	NO3	SI03	PH
	STU	00000	00.88	32.83	26.34	00.000	1450.3							
07.0	UBS	00000	00.88	32.834	26.34		1450.3							
	STU	00010	01.23	32.84	26.32	00.017	1452.0							
	STU	00020	01.57	32.87	26.32	00.034	1453.5							
	STU	00030	01.92	32.92	26.34	00.051	1455.5							
07.0	UBS	00037	02.16	32.976	26.36		1456.8							
	STU	00050	01.49	33.15	26.55	00.083	1454.5							
07.0	UBS	00061	00.85	33.251	26.67		1451.7							
	STU	00075	- 0.37	33.28	26.76	00.118	1446.4							
07.0	UBS	00089	- 1.04	33.334	26.83		1443.6							
	STU	00100	- 1.02	33.41	26.88	00.149	1444.0							
07.0	UBS	00112	- 0.96	33.481	26.94		1444.6							
	STU	00125	- 0.83	33.53	26.98	00.177	1445.5							
	STU	00150	- 0.50	33.65	27.06	00.203	1447.6							
07.0	UBS	00164	- 0.27	33.722	27.11		1449.0							
	STU	00200	00.37	33.91	27.23	00.249	1452.8							
07.0	UBS	100215	00.81	34.026	27.30		1455.2							
	STU	00250	02.25	34.37	27.47	00.286	1462.6							
07.0	UBS	100267	03.16	34.576	27.55		1467.1							

REFID 31 2135 YEAR 1972 BOTOP 00340 AIR TEMP 03.5 DIR HGT PER WIND-DIR 33 INST NANSEN CAST TEN SQ 1407
 CUNSEC 0009 MONTH 09 SHIP SC MET BULB 03.5 33 3 2 WIND-SPD 13 TRACE DIR 5 SQUARE 1
 LAT 54 56 N DAY 22 DATA USE 1 BAROMETR 1008.7 SEA WIND-FUR 2 SQUARE 42
 LONG 053 41 W HOUR 10.1 AREA 05 CLOUD T/A 4/6 CL/TR WEATHER XI ORIG AI 008 1 SQUARE 43

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	JXYG	P34	TOT P	NO2	NO3	SI03	PH
	STU	00000	03.19	33.26	26.50	00.000	1461.1							
10.1	UBS	00000	03.19	33.261	26.50		1461.1							
	STU	00010	03.19	33.27	26.51	00.015	1461.2							
	STU	00020	03.19	33.28	26.52	00.031	1461.4							
10.1	UBS	00025	03.19	33.283	26.52		1461.5							
	STU	00030	03.06	33.36	26.60	00.046	1461.2							
	STU	00050	02.66	33.62	26.84	00.072	1460.1							
10.1	UBS	00051	02.64	33.631	26.85		1460.0							
	STU	00075	00.51	33.78	27.12	00.106	1451.2							
10.1	UBS	00077	00.43	33.792	27.13		1450.8							
	STU	00100	00.58	33.92	27.23	00.122	1452.1							
10.1	UBS	00102	00.60	33.937	27.24		1452.2							
	STU	00125	01.69	34.06	27.33	00.142	1455.0							
	STU	00150	01.69	34.25	27.41	00.160	1458.5							
10.1	UBS	00152	01.74	34.258	27.42		1458.6							
	STU	00200	01.70	34.58	27.55	00.191	1460.2							
10.1	UBS	100209	03.41	34.627	27.57		1467.5							
	STU	00250	04.00	34.77	27.62	00.216	1470.7							
10.1	UBS	00260	04.16	34.791	27.62		1471.5							
	STU	00300	04.25	34.84	27.65	00.243	1472.8							
10.1	UBS	100311	04.31	34.850	27.66		1473.1							
	STU	00400	04.31	34.89	27.68	00.290	1474.0							
10.1	UBS	00412	04.31	34.890	27.69		1474.3							
	STU	00500	04.28	34.90	27.70	00.336	1476.1							
	STU	00600	04.21	34.91	27.71	00.381	1477.5							
10.1	UBS	100621	04.19	34.965	27.72		1477.8							
	STU	00700	04.11	34.91	27.73	00.426	1478.8							
	STU	00800	03.58	34.92	27.75	00.470	1479.7							
10.1	UBS	00827	03.94	34.921	27.75		1480.2							

TABLE II.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SPENCER, 21–22 September 1972, Prepared from NOIOC Listing No. 31–2135.—Continued

REFID 31 2135 YEAR 1972 BOTDPT 01647 ATR TEMP 03.4 DIR HGT PER WIND-DIR 33 INST NANSEN CAST TEN SQ 1407
 CONSFL 0010 MONTH 09 SHIP SC WET BULB 01.6 WIND-SPD 10 TRACE DIR 5 SQUARE 1
 LAT 54 58 N DAY 22 DATA USE 1 BAROMETR 1009.0 SEA WIND-FLK DURATION 2 SQUARE 42
 LONG 053 22 W HOUR 13.0 AREA 05 CLOUD T/A 6/8 CLTR WEAFLK X1 ORIG AL 008 1 SQUARE 53

CASIDUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	CHYG	P34	TOT P	NO2	NO3	S133	PH
	STD	00000	04.23	33.91	26.52	00.000	1465.7							
13.0	DBS	00000	04.23	33.910	26.52		1465.7							
	STD	00010	04.24	33.91	26.52	00.015	1465.9							
13.0	DBS	00010	04.24	33.910	26.52		1466.0							
	STD	00020	04.24	33.91	26.52	00.030	1466.1							
	STD	00030	04.24	33.91	26.52	00.046	1466.2							
13.0	DBS	00037	04.24	33.907	26.52		1466.3							
	STD	00050	02.28	33.65	26.85	00.073	1458.5							
13.0	DBS	00060	01.42	33.626	27.10		1455.1							
	STD	00075	01.37	34.07	27.30	00.097	1455.5							
13.0	DBS	00080	01.36	34.145	27.35		1455.7							
	STD	00100	02.06	34.32	27.45	00.115	1459.3							
13.0	DBS	00123	02.82	34.500	27.52		1463.2							
	STD	00125	02.90	34.51	27.53	00.130	1463.6							
	STD	00150	03.67	34.67	27.58	00.144	1467.5							
13.0	DBS	T00166	04.00	34.737	27.60		1469.2							
	STD	00200	04.15	34.80	27.63	00.170	1470.7							
13.0	DBS	00210	04.27	34.813	27.64		1471.0							
	STD	00250	04.26	34.85	27.66	00.194	1471.3							
13.0	DBS	T00254	04.26	34.854	27.66		1471.9							
	STD	00300	04.33	34.88	27.68	00.217	1472.7							
13.0	DBS	00342	04.31	34.353	27.55		1473.7							
	STD	00400	04.25	34.70	27.70	00.262	1474.4							
	STD	00500	04.16	34.90	27.71	00.306	1475.7							
13.0	DBS	T00518	04.15	34.898	27.71		1475.9							
	STD	00600	04.10	34.70	27.72	00.351	1477.1							
	STD	00700	04.03	34.90	27.72	00.396	1478.4							
13.0	DBS	T00701	04.03	34.858	27.72		1478.4							
	STD	00800	03.95	34.90	27.74	00.441	1479.7							
13.0	DBS	T00881	03.86	34.903	27.75		1480.7							
13.0	DBS	T01348	03.74	34.924	27.78		1488.1							

REFID 31 2135 YEAR 1972 BOTDPT 02460 ATR TEMP 04.6 DIR HGT PER WIND-DIR 17 INST NANSEN CAST TEN SQ 1407
 CONSFL 0011 MONTH 09 SHIP SC WET BULB 01.7 WIND-SPD 10 TRACE DIR 5 SQUARE 3
 LAT 55 06 N DAY 22 DATA USE 1 BAROMETR 1009.0 SEA WIND-FLK DURATION 2 SQUARE 42
 LONG 053 12 W HOUR 16.1 AREA 05 CLOUD T/A 6/8 CLTR WEAFLK X2 ORIG AL 008 1 SQUARE 53

CASIDUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	CHYG	P34	TOT P	NO2	NO3	S133	PH
	STD	00000	04.53	33.61	26.60	00.000	1468.9							
16.1	DBS	00000	04.53	33.607	26.60		1468.9							
	STD	00010	04.42	33.64	26.63	00.014	1469.1							
	STD	00020	04.47	33.67	26.66	00.023	1469.2							
	STD	00030	04.41	33.67	26.67	00.042	1469.4							
16.1	DBS	00030	04.41	33.694	26.67		1469.4							
	STD	00350	04.71	33.71	26.71	00.070	1468.3							
16.1	DBS	00055	04.47	33.712	26.74		1468.3							
	STD	00075	01.75	34.06	27.26	00.097	1457.1							
16.1	DBS	00085	01.39	34.228	27.42		1455.9							
	STD	00100	02.77	34.50	27.53	00.114	1462.4							
16.1	DBS	00110	03.40	34.640	27.58		1465.5							
	STD	00125	03.64	34.76	27.60	00.128	1467.0							
	STD	00150	04.46	34.77	27.63	00.140	1463.8							
16.1	DBS	00165	04.10	34.803	27.64		1464.7							
	STD	00200	04.30	34.45	27.66	00.164	1471.2							
16.1	DBS	T00220	04.33	34.355	27.68		1471.7							

TABLE III.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 18-19 March 1971, Prepared from NODC Listing No. 31 8263.

REFID 31 8263 YEAR 1971 BOTOP 00145 AIR TEMP 02.2 DIR HGT PER WIND-DIR 21 INST STO RECORDER TEN SQ 1306
 CONSEC 0001 MONTH 03 SHIP 3L WET BULB 01.8 21 2 3 WIND-SPD 23 TRACE DIR 0 5 SQUARE 4
 LAT 47 00 N DAY 18 ATA USE 1 BAROMETR 1010.5 SEA WIND-FIR DURATION 00.1 2 SQUARE 68
 LONG 048 00 W HOUR 05.0 REA 05 CLOUD T/A CLZTR WEATHER 44 ORIG A2 043 1 SQUARE 78

CASNUM/TIM	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SPD VEL	OXYG	P34	TOT P	NO2	NO3	SI03	PH
	STD	00000	- 1.05	32.97	26.53	00.000	1491.6							
05.8	OBS	00000	- 1.05	32.97	26.53		1491.6							
	STD	00010	- 1.06	32.97	26.53	00.015	1491.7							
	OBS	00010	- 1.06	32.97	26.53		1491.7							
	STD	00020	- 1.07	32.98	26.54	00.030	1491.9							
	OBS	00020	- 1.07	32.98	26.54		1491.9							
	STD	00030	- 1.08	32.97	26.53	00.045	1492.0							
	OBS	00030	- 1.08	32.97	26.53		1492.0							
	STD	00050	- 1.10	32.99	26.55	00.075	1492.2							
	OBS	00050	- 1.10	32.99	26.55		1492.2							
	STD	00075	- 0.62	33.17	26.68	00.110	1495.1							
	OBS	00075	- 0.62	33.17	26.68		1495.1							
	OBS	00079	- 0.74	33.23	26.73		1494.7							
	STD	00100	- 0.28	33.44	26.88	00.142	1497.5							
	OBS	00100	- 0.28	33.44	26.88		1497.5							
	OBS	00110	- 0.05	33.49	26.91		1496.8							
	OBS	00122	00.15	33.60	26.99		1450.0							

REFID 31 8263 YEAR 1971 BOTOP 00179 AIR TEMP 02.2 DIR HGT PER WIND-DIR 21 INST STO RECORDER TEN SQ 1306
 CONSEC 0002 MONTH 03 SHIP 3L WET BULB 01.8 21 4 3 WIND-SPD 25 TRACE DIR 0 5 SQUARE 4
 LAT 47 00 N DAY 18 DATA USE 1 BAROMETR 1010.5 SEA WIND-FIR DURATION 00.0 2 SQUARE 66
 LONG 047 44 W HOUR 07.5 AREA 05 CLOUD T/A CLZTR WEATHER 44 ORIG A2 043 1 SQUARE 77

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SPD VEL	OXYG	P34	TOT P	NO2	NO3	SI03	PH
	STD	00000	- 0.95	32.99	26.55	00.000	1492.1							
07.5	OBS	00000	- 0.95	32.99	26.55		1492.1							
	STD	00010	- 0.95	33.00	26.55	00.014	1492.3							
	OBS	00010	- 0.95	33.00	26.55		1492.3							
	STD	00020	- 0.95	33.00	26.55	00.029	1492.4							
	OBS	00020	- 0.95	33.00	26.55		1492.4							
	STD	00030	- 0.94	33.00	26.55	00.044	1492.7							
	OBS	00030	- 0.94	33.00	26.55		1492.7							
	STD	00050	- 1.02	33.11	26.56	00.074	1492.6							
	OBS	00050	- 1.02	33.11	26.56		1492.6							
	OBS	00055	- 0.64	33.37	26.61		1493.0							
	OBS	00060	- 0.97	33.15	26.68		1493.2							
	OBS	00065	- 0.78	33.17	26.68		1494.2							
	OBS	00070	- 0.67	33.17	26.65		1493.9							
	OBS	00075	- 0.78											
	STD	00075	- 1.11	33.21	26.73	00.109	1492.9							
	OBS	00075	- 1.11	33.21	26.73		1492.9							
	OBS	00093	- 0.27	33.28	26.75		1497.5							
	OBS	00095	- 0.44	33.52	26.93		1496.8							
	STD	00100	- 0.14	33.50	26.92	00.140	1498.2							
	OBS	00100	- 0.14	33.50	26.92		1498.2							
	STD	00125	00.35	33.63	27.00	00.167	1451.1							
	OBS	00125	00.35	33.63	27.00		1451.1							
	STD	00150	00.49	33.68	27.04	00.195	1452.1							
	OBS	00150	00.49	33.68	27.04		1452.1							

REFID 31 8263 YEAR 1971 BOTOP 00220 AIR TEMP WIND-DIR 21 INST STO RECORDER TEN SQ 1306
 CONSEC 0003 MONTH 03 SHIP 3L WET BULB 01.8 21 3 2 WIND-SPD 19 TRACE DIR 0 5 SQUARE 4
 LAT 47 00 N DAY 18 DATA USE 1 BAROMETR 1010.6 SEA WIND-FIR DURATION 00.2 2 SQUARE 66
 LONG 047 30 W HOUR 08.5 AREA 05 CLOUD T/A CLZTR WEATHER 44 ORIG A2 043 1 SQUARE 77

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SPD VEL	OXYG	P34	TOT P	NO2	NO3	SI03	PH
	STD	00000	- 0.98	32.99	26.55	00.000	1492.0							
08.5	OBS	00000	- 0.98	32.99	26.55		1492.0							
	STD	00010	- 0.98	32.99	26.55	00.015	1492.1							
	OBS	00010	- 0.98	32.99	26.55		1492.1							
	STD	00020	- 0.96	33.00	26.55	00.029	1492.3							
	OBS	00020	- 0.96	33.00	26.55		1492.3							
	STD	00030	- 1.03	33.01	26.56	00.044	1492.2							
	OBS	00030	- 1.03	33.01	26.56		1492.2							
	STD	00050	- 1.30	33.10	26.64	00.073	1491.4							
	OBS	00050	- 1.30	33.10	26.64		1491.4							
	OBS	00065	- 1.26	33.12	26.66		1491.9							
	STD	00075	- 0.67	33.29	26.78	00.107	1495.1							
	OBS	00075	- 0.67	33.29	26.78		1495.1							
	OBS	00085	- 1.63	33.32	26.83		1490.8							
	STD	00100	- 0.95	33.46	26.93	00.137	1494.4							
	OBS	00100	- 0.95	33.46	26.93		1494.4							
	STD	00125	01.01	33.62	26.96	00.165	1456.0							
	OBS	00125	01.01	33.62	26.96		1456.0							
	STD	00150	01.02	33.87	27.16	00.190	1456.8							
	OBS	00150	01.02	33.87	27.16		1456.8							
	OBS	00180	01.11	33.94	27.21		1455.8							

TABLE III.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 18-19 March 1971, Prepared from NODC Listing No. 31-8263.—Continued

REFID 31 8263 YEAR 1971 BUTDP 00365 AIR TEMP 01.6 DIR HGT PER WIND-DIR Z1 INST STD RECORDER TEN SQ 1306
 CONSEC 0004 MONTH 03 SHIP 3L WET DUB 01.4 21 2 2 WIND-SPD 14 TRACE DIR 0 5 SQUARE 4
 LAT 46 58 N DAY 18 DATA USE 1 HA-DMETR 1010.6 STA WEATHER X4 DURATION 00.1 2 SQUARE 66
 LONG 047 11 W HOUR 10.2 AREA 05 CLOUD T/A CL/TR

CASINM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNPTH	SD VEL	CHYG	PJ4	TOT P	NO2	NO3	S133	PH
10.2	STD	0000	- 1.36	33.08	26.63	00.000	1440.3							
	OBS	0000	- 1.36	33.08	26.63		1440.3							
	STD	0010	- 1.37	33.08	26.63	00.014	1440.4							
	OBS	0010	- 1.37	33.08	26.63		1440.4							
	STD	0020	- 1.37	33.08	26.63	00.028	1440.6							
	OBS	0020	- 1.37	33.08	26.63		1440.6							
	STD	0030	- 1.37	33.08	26.63	00.042	1440.7							
	OBS	0030	- 1.37	33.08	26.63		1440.7							
	OBS	0038	- 1.54	33.19	26.72		1440.2							
	STD	0050	- 1.50	33.25	26.77	00.069	1440.7							
	OBS	0050	- 1.50	33.25	26.77		1440.7							
	OBS	0060	- 1.34	33.35	26.85		1441.8							
	OBS	0065	- 0.21	33.41	26.96		1447.2							
	OBS	0070	- 0.34	33.47	26.91		1446.8							
	OBS	0071	- 0.20	33.48	26.91		1447.4							
	STD	0075	- 0.29	33.47	26.91	00.099	1447.1							
	OBS	0075	- 0.29	33.47	26.91		1447.1							
	OBS	0080	- 0.44	33.46	26.91		1446.4							
	OBS	0085	00.15	33.53	26.93		1449.3							
	OBS	0090	- 0.01	33.63	27.02		1448.8							
	STD	0100	00.56	33.69	27.04	00.127	1451.7							
	OBS	0100	00.56	33.69	27.04		1451.7							
	OBS	0108	- 0.25	33.63	27.05		1448.0							
	STD	0125	00.61	33.81	27.13	00.151	1452.9							
	OBS	0125	00.61	33.81	27.13		1452.9							
	STD	0150	01.11	33.92	27.19	00.174	1455.3							
	OBS	0150	01.11	33.92	27.19		1455.3							
	STD	0200	01.94	34.26	27.41	00.214	1460.3							
	OBS	0200	01.94	34.26	27.41		1460.3							
	OBS	0230	03.11	34.58	27.56		1466.3							
	STD	0250	03.29	34.61	27.57	00.244	1467.4							
	OBS	0250	03.29	34.61	27.57		1467.4							
	STD	0300	03.72	34.70	27.60	00.271	1470.2							
	OBS	0300	03.72	34.70	27.60		1470.2							
	OBS	0310	03.82	34.73	27.61		1470.8							

REFID 31 8263 YEAR 1971 BUTDP 01090 AIR TEMP 01.6 DIR HGT PER WIND-DIR Z1 INST STD RECORDER TEN SQ 1306
 CONSEC 0005 MONTH 03 SHIP 3L WLT DUB 01.6 21 2 2 WIND-SPD 13 TRACE DIR 0 5 SQUARE 4
 LAT 47 00 N DAY 18 DATA USE 1 HA-DMETR SEA WEATHER X4 DURATION 00.3 2 SQUARE 66
 LONG 046 57 W HOUR 11.7 AREA 05 CLOUD T/A CL/TR

CASINM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNPTH	SD VEL	CHYG	PJ4	TOT P	NO2	NO3	S133	PH
11.7	STD	0000	- 1.34	33.24	26.76	00.000	1440.6							
	OBS	0000	- 1.34	33.24	26.76		1440.6							
	STD	0010	- 1.34	33.24	26.76	00.012	1440.8							
	OBS	0010	- 1.34	33.24	26.76		1440.8							
	STD	0020	- 1.34	33.24	26.76	00.025	1440.9							
	OBS	0020	- 1.34	33.24	26.76		1440.9							
	STD	0030	- 1.36	33.24	26.76	00.036	1441.0							
	OBS	0030	- 1.36	33.24	26.76		1441.0							
	OBS	0040	- 1.40	33.29	26.80		1441.1							
	STD	0050	- 1.07	33.40	26.88	00.063	1442.8							
	OBS	0050	- 1.07	33.40	26.88		1442.8							
	OBS	0065	- 1.57	33.49	26.97		1440.9							
	STD	0075	- 0.21	33.59	27.00	00.091	1447.6							
	OBS	0075	- 0.21	33.59	27.00		1447.6							
	STD	0100	00.63	33.81	27.13	00.116	1452.2							
	OBS	0100	00.63	33.81	27.13		1452.2							
	OBS	0110	00.93	33.85	27.15		1453.7							
	OBS	0115	00.66	34.01	27.24		1452.3							
	STD	0125	01.41	34.14	27.35	00.137	1456.9							
	OBS	0125	01.41	34.14	27.35		1456.9							
	STD	0150	01.96	34.23	27.38	00.159	1459.9							
	OBS	0150	01.96	34.23	27.38		1459.9							
	STD	0200	03.24	34.62	27.56	00.186	1466.4							
	OBS	0200	03.24	34.62	27.56		1466.4							
	STD	0250	03.79	34.70	27.59	00.213	1469.7							
	OBS	0250	03.79	34.70	27.59		1469.7							
	STD	0300	04.33	34.83	27.60	00.237	1471.0							
	OBS	0300	04.33	34.83	27.60		1471.0							
	STD	0400	04.33	34.83	27.63	00.291	1474.7							
	OBS	0400	04.33	34.83	27.63		1474.7							
	STD	0500	04.56	34.89	27.66	00.341	1477.3							
	OBS	0500	04.56	34.89	27.66		1477.3							
	STD	0600	04.54	34.91	27.68	00.390	1478.4							
	OBS	0600	04.54	34.91	27.68		1478.4							
	STD	0700	04.47	34.92	27.65	00.439	1480.3							
	OBS	0700	04.47	34.92	27.65		1480.3							
	STD	0800	04.33	34.92	27.71	00.487	1481.4							
	OBS	0800	04.33	34.92	27.71		1481.4							
	STD	0900	04.26	34.92	27.72	00.535	1482.7							
	OBS	0900	04.26	34.92	27.72		1482.7							
	STD	1000	04.24	34.92	27.72	00.584	1484.3							
	OBS	1000	04.24	34.92	27.72		1484.3							
	OBS	01032	04.23	34.92	27.72		1484.3							

TABLE III.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 18-19 March 1971, Prepared from NODC Listing No. 31-8263.—Continued

REFID 31 8263	YEAR 1971	BOFUP 01189	AIR TEMP 04.1	DIR HGT PER 19 2 2	#WIND-DIR 14	INST STD RECORDER	TEN SQ 1376
CONSEC 0006	MONTH 03	SHIP 3L	WET BULB 03.4	SEA 4	#WIND-SPD 23	TRACE DIR 0	5 SQUARE 4
LAT 47 00 N	DAY 18	DATA USL 1	BAROMETR 1010.7	SEA	#WIND-FUR	DURATION 00.3	2 SQUARE 66
LONG 046 40 W	HOOR 15.3	AREA 05	CLOUD T/A	CL/TR	#WEATHER X4	ORIG 42 043	1 SQUARE 76

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	JYNDPTH	SND VEL	OXYG	P14	TGT P	NO2	NO3	SI03	PH
15.3	STD	00000	- 1.10	33.30	26.80	00.300	1441.8							
	OBS	00000	- 1.10	33.30	26.80		1441.8							
	STD	00010	- 1.10	33.30	26.80	00.012	1442.0							
	OBS	00010	- 1.10	33.30	26.80		1442.0							
	STD	00020	- 1.10	33.31	26.81	00.025	1442.2							
	OBS	00020	- 1.10	33.31	26.81		1442.2							
	STD	00030	- 1.09	33.33	26.82	00.037	1442.4							
	OBS	00030	- 1.09	33.33	26.82		1442.4							
	STD	00050	- 0.44	33.71	27.11	00.059	1446.3							
	OBS	00050	- 0.44	33.71	27.11		1446.3							
	STD	00075	00.76	33.97	27.25	00.081	1452.6							
	OBS	00075	00.76	33.97	27.25		1452.6							
	STD	00100	01.36	34.08	27.30	00.101	1455.8							
	OBS	00100	01.36	34.08	27.30		1455.8							
	STD	00125	02.41	34.38	27.46	00.119	1461.3							
	OBS	00125	02.41	34.38	27.46		1461.3							
	STD	00150	03.16	34.53	27.52	00.134	1465.1							
	OBS	00150	03.16	34.53	27.52		1465.1							
	STD	00200	03.91	34.73	27.60	00.162	1469.4							
	OBS	00200	03.91	34.73	27.60		1469.4							
	STD	00250	04.15	34.79	27.63	00.187	1471.3							
	OBS	00250	04.15	34.79	27.63		1471.3							
	STD	00300	04.36	34.86	27.66	00.212	1473.1							
	OBS	00300	04.36	34.86	27.66		1473.1							
	STD	00400	04.56	34.92	27.68	00.259	1475.7							
	OBS	00400	04.56	34.92	27.68		1475.7							
	STD	00500	04.50	34.93	27.70	00.305	1477.1							
	OBS	00500	04.50	34.93	27.70		1477.1							
	STD	00600	04.00	34.94	27.72	00.350	1478.4							
	OBS	00600	04.00	34.94	27.72		1478.4							
	STD	00700	04.23	34.93	27.73	00.396	1479.3							
	OBS	00700	04.23	34.93	27.73		1479.3							
	STD	00800	04.12	34.93	27.74	00.440	1480.5							
	OBS	00800	04.12	34.93	27.74		1480.5							
	STD	00900	04.01	34.93	27.75	00.485	1481.7							
	OBS	00900	04.01	34.93	27.75		1481.7							
	STD	01000	03.91	34.92	27.75	00.529	1482.9							
	OBS	01000	03.91	34.92	27.75		1482.9							
	STD	01100	03.80	34.92	27.76	00.574	1484.1							
	OBS	01100	03.80	34.92	27.76		1484.1							

REFID 31 8263	YEAR 1971	BOFUP 03730	AIR TEMP 03.9	DIR HGT PER 18 2 2	#WIND-DIR 14	INST STD RECORDER	TEN SQ 1306
CONSEC 0007	MONTH 03	SHIP 3L	WET BULB 03.3	SEA 4	#WIND-SPD 23	TRACE DIR 0	5 SQUARE 4
LAT 47 00 N	DAY 18	DATA USE 1	BAROMETR 1009.0	SEA	#WIND-FUR	DURATION 00.4	2 SQUARE 66
LONG 046 31 W	HOOR 18.3	AREA 05	CLOUD T/A	CL/TR	#WEATHER X4	ORIG 42 043	1 SQUARE 76

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	JYNDPTH	SND VEL	OXYG	P14	TGT P	NO2	NO3	SI03	PH
18.3	STD	00000	- 0.27	33.51	26.94	00.000	1446.0							
	OBS	00000	- 0.27	33.51	26.94		1446.0							
	STD	00010	- 0.27	33.53	26.95	00.011	1446.2							
	OBS	00010	- 0.27	33.53	26.95		1446.2							
	STD	00020	00.53	33.69	27.04	00.021	1450.5							
	OBS	00020	00.53	33.69	27.04		1450.5							
	STD	00030	00.81	33.77	27.09	00.031	1451.8							
	OBS	00030	00.81	33.77	27.09		1451.8							
	STD	00050	02.01	33.96	27.16	00.050	1457.7							
	OBS	00050	02.01	33.96	27.16		1457.7							
	STD	00075	02.66	34.22	27.32	00.072	1461.3							
	OBS	00075	02.66	34.22	27.32		1461.3							
	STD	00085	03.06	34.30	27.34		1463.3							
	OBS	00085	03.06	34.30	27.34		1463.3							
	STD	00100	02.76	34.26	27.35	00.090	1462.2							
	OBS	00100	02.76	34.26	27.35		1462.2							
	STD	00125	03.51	34.54	27.45	00.107	1466.2							
	OBS	00125	03.51	34.54	27.45		1466.2							
	STD	00150	03.92	34.70	27.58	00.122	1468.6							
	OBS	00150	03.92	34.70	27.58		1468.6							
	STD	00200	04.33	34.83	27.64	00.147	1471.3							
	OBS	00200	04.33	34.83	27.64		1471.3							
	STD	00250	04.45	34.87	27.66	00.171	1472.7							
	OBS	00250	04.45	34.87	27.66		1472.7							
	STD	00300	04.56	34.92	27.68	00.194	1474.0							
	OBS	00300	04.56	34.92	27.68		1474.0							
	STD	00400	04.45	34.93	27.70	00.239	1475.2							
	OBS	00400	04.45	34.93	27.70		1475.2							
	STD	00500	04.25	34.93	27.73	00.283	1476.1							
	OBS	00500	04.25	34.93	27.73		1476.1							
	STD	00600	04.12	34.93	27.74	00.326	1477.2							
	OBS	00600	04.12	34.93	27.74		1477.2							
	STD	00680	04.05	34.93	27.75		1478.2							

TABLE III.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 18-19 March 1971, Prepared from NODC Listing No. 31-8263.—Continued

REFID 31 8263 YEAR 1971 BOTDP 00330 AIR TEMP 04.3 DIR HGT PER WIND-DIR 13 INST STD RECORDER TEN SQ 1306
 CONSEC 0008 MONTH 03 SHIP 3L WET BULB 04.0 16 2 3 WIND-SPD 22 TRACE DIR 0 5 SQUARE 4
 LAT 47 00 N DAY 18 DATA USE 1 BAROMETR 1006.8 SEA WIND-FUR DURATION 00.2 2 SQUARE 66
 LONG 046 10 W HOUR 20.5 AREA 05 CLOUD T/A CL/TR WEATHER X4 ORIG A2 043 1 SQUARE 76

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	OXYG	P14	TOT P	NO2	NO3	SI03	PH
	STD	00000	01.63	33.75	27.02	00.000	1454.9							
	OBS	00000	01.63	33.75	27.02		1454.9							
	STD	00010	01.63	33.75	27.02	00.010	1455.1							
	OBS	00010	01.63	33.75	27.02		1455.1							
	STD	00020	01.63	33.75	27.02	00.021	1455.3							
	OBS	00020	01.63	33.75	27.02		1455.3							
	STD	00030	01.60	33.73	27.01	00.031	1455.2							
	OBS	00030	01.60	33.73	27.01		1455.2							
	STD	00050	01.46	33.75	27.03	00.052	1455.0							
	OBS	00050	01.46	33.75	27.03		1455.0							
	OBS	00060	01.13	33.76	27.06		1453.7							
	STD	00075	01.76	34.05	27.25	00.075	1457.1							
	OBS	00075	01.76	34.05	27.25		1457.1							

REFID 31 8263 YEAR 1971 BOTDP 00280 AIR TEMP 07.0 DIR HGT PER WIND-DIR 14 INST NANSEN CAST TEN SQ 1306
 CONSEC 0009 MONTH 03 SHIP 3L WET BULB 06.7 14 2 3 WIND-SPD 25 TRACE DIR 0 5 SQUARE 4
 LAT 47 02 N DAY 19 DATA USE 1 BAROMETR 1003.5 SEA WIND-FUR DURATION 00.2 2 SQUARE 64
 LONG 045 45 W HOUR 00.0 AREA 05 CLOUD T/A 5/B CL/TR WEATHER X6 ORIG A2 043 1 SQUARE 75

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	OXYG	P14	TOT P	NO2	NO3	SI03	PH
	STD	00000	02.65	33.78	26.97	00.000	1459.4							
	OBS	00000	02.65	33.783	26.97		1459.4							
	STD	00010	02.52	33.77	26.97	00.011	1459.0							
	STD	00020	02.39	33.76	26.97	00.022	1458.6							
	OBS	00024	02.33	33.752	26.97		1458.4							
	STD	00030	02.23	33.76	26.99	00.032	1450.1							
	OBS	00045	02.03	33.787	27.02		1457.5							
	STD	00050	01.99	33.80	27.03	00.054	1457.4							
	OBS	00069	01.88	33.827	27.06		1457.3							
	STD	00075	01.86	33.83	27.07	00.079	1457.3							
	OBS	00090	01.81	33.833	27.07		1457.3							
	STD	00100	01.74	33.87	27.11	00.104	1457.4							
	STD	00125	01.69	33.97	27.19	00.127	1457.5							
	OBS	00134	01.66	34.009	27.23		1457.6							
	STD	00150	02.27	34.19	27.33	00.148	1460.8							
	OBS	T00179	04.26	34.697	27.54		1470.5							

REFID 31 8263 YEAR 1971 BOTDP 00230 AIR TEMP 06.8 DIR HGT PER WIND-DIR 14 INST STD RECORDER TEN SQ 1306
 CONSEC 0010 MONTH 03 SHIP 3L WET BULB 06.8 18 5 3 WIND-SPD 25 TRACE DIR 0 5 SQUARE 4
 LAT 47 20 N DAY 19 DATA USE 1 BAROMETR 0999.4 SEA WIND-FUR DURATION 00.1 2 SQUARE 64
 LONG 045 50 W HOUR 04.7 AREA 05 CLOUD T/A CL/TR WEATHER X4 ORIG A2 043 1 SQUARE 75

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	OXYG	P14	TOT P	NO2	NO3	SI03	PH
	STD	00000	01.98	33.83	27.06	00.000	1456.6							
	OBS	00000	01.93	33.83	27.06		1456.6							
	STD	00010	01.97	33.83	27.06	00.010	1456.7							
	OBS	00010	01.97	33.83	27.06		1456.7							
	STD	00020	01.97	33.85	27.08	00.020	1456.9							
	OBS	00020	01.97	33.85	27.08		1456.9							
	STD	00030	02.10	33.91	27.11	00.029	1457.7							
	OBS	00030	02.10	33.91	27.11		1457.7							
	STD	00050	02.16	33.94	27.13	00.049	1458.3							
	OBS	00050	02.16	33.94	27.13		1458.3							
	OBS	00070	01.26	34.04	27.28		1454.9							
	STD	00075	02.51	34.24	27.34	00.070	1460.7							
	OBS	00075	02.51	34.24	27.34		1460.7							
	STD	00100	03.29	34.38	27.39	00.168	1464.7							
	OBS	00100	03.29	34.38	27.39		1464.7							
	STD	00125	03.71	34.60	27.52	00.104	1467.2							
	OBS	00125	03.71	34.60	27.52		1467.2							
	STD	00150	04.34	34.76	27.58	00.118	1470.4							
	OBS	00150	04.34	34.76	27.58		1470.4							
	OBS	00170	04.44	34.81	27.61		1471.2							
	STD	00200	04.37	34.86	27.66	00.143	1471.5							
	OBS	00200	04.37	34.86	27.66		1471.5							
	OBS	00220	04.33	34.70	27.65		1471.7							

TABLE III.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 18-19 March 1971, Prepared from NODC Listing No. 31-8263.—Continued

REFID 31 3263 YEAR 1971 BUTOP 00330 AIR TEMP 05.6 DIR FUL PER WIND-DIR 13 INST STD RECORDER TEN SW 1306
 CONSEC 0011 MONTH 03 SHIP 3L WET BULB 05.2 IB 5 3 WIND-SPD 25 TRACE DIR 0 5 SQUARE 4
 LAT 47 40 N DAY 19 DATA USE 1 BAROMETER 0996.9 SEA CL/TK WIND-FUR DURATION 00.1 2 SQUARE 64
 LONG 045 50 W HOUR 07.4 AREA 05 CLOUD 1/A CL/TK WEATHER X+ CRIG A2 043 1 SQUARE 75

CASSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SND VEL	OXYG	P14	TOT P	NO2	NO3	SI03	PH
	STD	00000	02.31	33.92	27.10	00.000	1458.1							
07.4	UBS	00000	02.31	33.92	27.10		1458.1							
	STD	00010	02.29	33.92	27.11	00.009	1458.2							
	UBS	00010	02.29	33.92	27.11		1458.2							
	STD	00020	02.28	33.92	27.11	00.019	1458.3							
	UBS	00020	02.28	33.92	27.11		1458.3							
	STD	00030	02.26	33.92	27.11	00.029	1458.4							
	UBS	00030	02.26	33.92	27.11		1458.4							
	STD	00050	02.02	33.95	27.15	00.047	1457.7							
	UBS	00050	02.02	33.95	27.15		1457.7							
	STD	00075	01.64	33.93	27.16	00.070	1456.4							
	UBS	00075	01.64	33.93	27.16		1456.4							
	STD	00100	01.82	34.04	27.24	00.092	1457.8							
	UBS	00100	01.82	34.04	27.24		1457.8							
	STD	00125	01.98	34.10	27.27	00.113	1459.0							
	UBS	00125	01.98	34.10	27.27		1459.0							
	STD	00150	02.52	34.30	27.35	00.132	1462.0							
	UBS	00150	02.52	34.30	27.35		1462.0							
	STD	00155	02.41	34.34	27.43		1461.7							
	UBS	00155	02.41	34.34	27.43		1461.7							
	STD	00168	03.66	34.66	27.57		1467.7							
	UBS	00168	03.66	34.66	27.57		1467.7							
	STD	00182	04.19	34.79	27.62		1470.4							
	UBS	00182	04.19	34.79	27.62		1470.4							
	STD	00200	04.46	34.84	27.63	00.162	1471.9							
	UBS	00200	04.46	34.84	27.63		1471.9							
	STD	00225	04.61	34.90	27.66		1473.0							
	UBS	00225	04.61	34.90	27.66	00.186	1472.5							
	STD	00250	04.41	34.88	27.67		1472.5							
	UBS	00250	04.41	34.88	27.67		1472.5							
	STD	00265	04.27	34.91	27.71		1472.6							
	UBS	00265	04.27	34.91	27.71		1472.6							

REFID 31 3263 YEAR 1971 BUTOP 00732 AIR TEMP 00.3 DIR FUL PER WIND-DIR 13 INST STD RECORDER TEN SW 1306
 CONSEC 0012 MONTH 03 SHIP 3L WET BULB 00.0 IB 6 3 WIND-SPD 25 TRACE DIR 0 5 SQUARE 4
 LAT 48 00 N DAY 19 DATA USE 1 BAROMETER 0994.9 SEA CL/TK WIND-FUR DURATION 00.2 2 SQUARE 64
 LONG 045 50 W HOUR 10.0 AREA 05 CLOUD 1/A CL/TK WEATHER X+ CRIG A2 043 1 SQUARE 85

CASSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SND VEL	OXYG	P14	TOT P	NO2	NO3	SI03	PH
	STD	00000	01.39	33.92	27.17	00.000	1454.1							
10.0	UBS	00000	01.39	33.92	27.17		1454.1							
	STD	00010	01.38	33.92	27.17	00.009	1454.2							
	UBS	00010	01.38	33.92	27.17		1454.2							
	STD	00020	01.38	33.92	27.17	00.019	1454.4							
	UBS	00020	01.38	33.92	27.17		1454.4							
	STD	00030	01.38	33.93	27.18	00.027	1454.5							
	UBS	00030	01.38	33.93	27.18		1454.5							
	STD	00038	01.39	33.99	27.23		1454.3							
	UBS	00038	01.39	33.99	27.23		1454.3							
	STD	00050	01.68	34.03	27.24	00.044	1456.3							
	UBS	00050	01.68	34.03	27.24		1456.3							
	STD	00075	01.96	34.10	27.28	00.065	1458.1							
	UBS	00075	01.96	34.10	27.28		1458.1							
	STD	00100	01.94	34.13	27.30	00.084	1458.5							
	UBS	00100	01.94	34.13	27.30		1458.5							
	STD	00125	03.66	34.67	27.58	00.101	1467.0							
	UBS	00125	03.66	34.67	27.58		1467.0							
	STD	00150	04.11	34.80	27.64	00.113	1469.5							
	UBS	00150	04.11	34.80	27.64		1469.5							
	STD	00160	04.28	34.82	27.65		1470.4							
	UBS	00160	04.28	34.82	27.65		1470.4							
	STD	00175	04.11	34.80	27.64		1469.9							
	UBS	00175	04.11	34.80	27.64		1469.9							
	STD	00200	04.17	34.85	27.67	00.137	1470.7							
	UBS	00200	04.17	34.85	27.67		1470.7							
	STD	00250	04.33	34.91	27.70	00.159	1472.2							
	UBS	00250	04.33	34.91	27.70		1472.2							
	STD	00300	04.44	34.94	27.71	00.160	1473.6							
	UBS	00300	04.44	34.94	27.71		1473.6							
	STD	00400	04.27	34.95	27.74	00.222	1474.5							
	UBS	00400	04.27	34.95	27.74		1474.5							
	STD	00500	04.13	34.95	27.75	00.262	1475.6							
	UBS	00500	04.13	34.95	27.75		1475.6							
	STD	00600	04.05	34.96	27.77	00.302	1476.9							
	UBS	00600	04.05	34.96	27.77		1476.9							
	STD	00620	04.07	34.96	27.77		1477.3							
	UBS	00620	04.07	34.96	27.77		1477.3							
	STD	00650	04.06	34.96	27.77		1477.9							
	UBS	00650	04.06	34.96	27.77		1477.9							

TABLE IV.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC CAMPBELL, 14-16 July 1971, Prepared from NODC Listing No. 31-1887.

REFID	31 1887	YEAR	1971	BOTOP	01086	AIR TEMP	09.8	OIR HGT	PER	WIND-OIR	18	INST	NANSEN	CAST	TEN SQ	1306
CONSEC	0001	MONTH	07	SHIP CM		WET BULB	09.4	18	4 2	WIND-SPD	10	TRACE	OIR		5 SQUARE	4
LAT	48 38 N	DAY	14	DATA USE	1	BAROMETR	1015.5	SEA		WIND-FOR		DURATION			2 SQUARE	84
LONG	045 51 W	HOUR	19.7	AREA	05	CLOUD T/A	X/Y	CL/TR		WEATHER	X4	ORIG	A2 049		1 SQUARE	85

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXYG	PD4	TOT P	NO2	NO3	SIO3	PH
19.7	STS	00000	07.95											
	OBS	00000	07.95											
	STS	00010	06.46											
	STS	00020	05.22											
	STS	00030	04.22											
19.7	OBS	00033	03.97											
	STS	00050	03.05											
19.7	OBS	00066	02.69											
	STS	00075	03.00											
19.7	OBS	00099	03.52											
	STS	00100	03.52											
	STS	00125	03.50											
19.7	OBS	00131	03.49											
	STS	00150	03.66											
19.7	OBS	00190	03.84											
	STS	00200	03.79											
19.7	OBS	T00249	03.65											
	STS	00250	03.65											
	STS	00300	03.81											
19.7	OBS	00364	03.98											
	STS	00400	04.09											
19.7	OBS	00480	04.18											
	STS	00500	04.12											
19.7	OBS	00594	03.95											
	STS	00600	03.96											
	STS	00700	04.04											
19.7	OBS	T00708	04.05											

REFID	31 1887	YEAR	1971	BOTOP	01024	AIR TEMP	09.9	OIR HGT	PER	WIND-OIR	18	INST	NANSEN	CAST	TEN SQ	1306
CONSEC	0002	MONTH	07	SHIP CM		WET BULB	08.9	18	1 3	WIND-SPD	10	TRACE	OIR		5 SQUARE	4
LAT	48 20 N	DAY	14	DATA USE	1	BAROMETR	1017.8	SEA		WIND-FOR		DURATION			2 SQUARE	84
LONG	045 50 W	HOUR	23.1	AREA	05	CLOUD T/A	X/Y	CL/TR		WEATHER	X6	ORIG	A2 049		1 SQUARE	85

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXYG	PD4	TOT P	NO2	NO3	SIO3	PH
23.1	STS	00000	07.67											
	OBS	00000	07.67											
	STS	00010	04.80											
	STS	00020	02.65											
	STS	00030	01.24											
23.1	OBS	00030	01.24											
	STS	00050	01.28											
23.1	OBS	00060	01.38											
	STS	00075	01.68											
23.1	OBS	00089	01.97											
	STS	00100	02.22											
23.1	OBS	00119	02.66											
	STS	00125	02.85											
	STS	00150	03.50											
23.1	OBS	00179	04.03											
	STS	00200	04.18											
23.1	OBS	T00228	04.34											
	STS	00250	04.38											
	STS	00300	04.45											
23.1	OBS	00337	04.47											
	STS	00400	04.43											
23.1	OBS	00445	04.42											
	STS	00500	04.46											
23.1	OBS	00554	04.49											
	STS	00600	04.36											
23.1	OBS	T00664	04.20											
	STS	00700	04.13											
	STS	00800	03.97											
23.1	OBS	T00883	03.90											

TABLE III.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 18-19 March 1971, Prepared from NODC Listing No. 31-8263.—Continued

REFID 31 1887 YEAR 1971 BOTOP 00585 AIR TEMP 09.0 DIR HGT PER WIND-DIR 26 INST NANSEN CAST TEN SQ 1306
 CONSEC 0003 MONTH 07 SHIP CM WET BULB 08.2 26 2 3 WIND-SPD 08 TRACE DIR 5 SQUARE 4
 LAT 48 04 N DAY 15 DATA USE 1 BAROMETR 1019.1 SEA WIND-FOR DURATION 2 SQUARE 84
 LONG 045 50 W HOUR 02.0 AREA 05 CLOUD T/A X/Y CL/TR WEATHER X5 ORIG A2 049 1 SQUARE 85

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPH	SND VEL	OXYG	P04	TOT P	NO2	NO3	S103	PH
	STD	00000	07.30	32.45	25.39	00.000	1476.9							
	08S	00000	07.30	32.450	25.39		1476.9							
	STD	00010	04.56	32.91	26.09	00.022	1466.6							
	STD	00020	02.46	33.28	26.58	00.039	1458.3							
	08S	00025	01.65	33.434	26.77		1455.0							
	STD	00030	01.04	33.53	26.88	00.052	1452.5							
	STD	00050	- 0.04	33.84	27.19	00.073	1448.3							
	08S	00050	- 0.04	33.841	27.19		1448.3							
	STD	00075	01.62	34.09	27.29	00.094	1456.6							
	08S	00075	01.62	34.090	27.29		1456.6							
	STD	00100	01.94	34.29	27.43	00.112	1458.7							
	08S	00100	01.94	34.295	27.43		1458.7							
	STD	00125	02.48	34.44	27.51	00.128	1461.7							
	STD	00150	02.95	34.57	27.57	00.142	1464.3							
	08S	00151	02.97	34.578	27.57		1464.4							
	STD	00200	03.61	34.71	27.62	00.168	1468.1							
	STD	00250	04.09	34.82	27.66	00.192	1471.1							
	STD	00300	04.40	34.89	27.68	00.215	1473.3							
	08S	00305	04.42	34.900	27.68		1473.5							
	STD	00400	04.46	34.94	27.71	00.259	1475.3							
	08S	00408	04.47	34.941	27.71		1475.5							
	STD	00500	04.67	34.95	27.69	00.305	1477.8							
	08S	00510	04.69	34.949	27.69		1478.1							
	08S	T00546	04.34	34.934	27.72		1477.2							

REFID 31 1887 YEAR 1971 BOTOP 00384 AIR TEMP 07.1 DIR HGT PER WIND-DIR 25 INST NANSEN CAST TEN SQ 1306
 CONSEC 0004 MONTH 07 SHIP CM WET BULB 06.8 25 2 3 WIND-SPD 10 TRACE DIR 5 SQUARE 4
 LAT 47 40 N DAY 15 DATA USE 1 BAROMETR 1020.7 SEA WIND-FOR DURATION 2 SQUARE 64
 LONG 045 55 W HOUR 05.8 AREA 05 CLOUD T/A X/Y CL/TR WEATHER X4 ORIG A2 049 1 SQUARE 75

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPH	SND VEL	OXYG	P04	TOT P	NO2	NO3	S103	PH
	STD	00000	07.26											
	08S	00000	07.26											
	STD	00010	05.25											
	STD	00020	03.58											
	STD	00030	02.26											
	08S	00048	00.73											
	STD	00050	00.69											
	08S	00072	00.42											
	STD	00075	00.49											
	STD	00100	01.08											
	STD	00125	01.70											
	08S	00145	02.22											
	STD	00150	02.36											
	08S	00195	03.58											
	STD	00200	03.71											
	08S	00245	04.80											

REFID 31 1887 YEAR 1971 BOTOP 00278 AIR TEMP 19.0 DIR HGT PER WIND-DIR 26 INST NANSEN CAST TEN SQ 1306
 CONSEC 0005 MONTH 07 SHIP CM WET BULB 12.0 26 2 2 WIND-SPD 08 TRACE DIR 5 SQUARE 4
 LAT 47 25 N DAY 15 DATA USE 1 BAROMETR 1023.8 SEA WIND-FOR DURATION 2 SQUARE 64
 LONG 045 55 W HOUR 08.2 AREA 05 CLOUD T/A 6/8 CL/TR WEATHER X2 ORIG A2 049 1 SQUARE 75

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPH	SND VEL	OXYG	P04	TOT P	NO2	NO3	S103	PH
	STD	00000	07.78											
	08S	00000	07.78											
	STD	00010	05.34											
	STD	00020	03.42											
	08S	00025	02.65											
	STD	00030	02.00											
	STD	00050	00.73											
	08S	00050	00.73											
	STD	00075	02.12											
	08S	00075	02.12											
	STD	00100	03.13											
	08S	00100	03.13											
	STD	00125	03.87											
	STD	00150	04.28											
	08S	00151	04.29											
	STD	00200	04.06											
	08S	T00202	04.05											
	STD	00250	04.39											
	08S	T00259	04.52											

TABLE III. Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 18-19 March 1971, Prepared from NOIOC Listing No. 31-8263. Continued

REFID 31 1887 YEAR 1971 BOTDP 00279 AIR TEMP 11.0 DIR HGT PER WIND-DIR 14 INST NANSEN CAST TEN SQ 1306
 CONSEC 0006 MONTH 07 SHIP CM WET BULB 08.8 26 2 2 WIND-SPD 05 TRACE DIR 5 SQUARE 4
 LAT 47 00 N DAY 15 DATA USE 1 BAROMETR 1025.1 SEA WIND-FOR DURATION 2 SQUARE 64
 LONG 045 50 W HOUR 10.5 AREA 05 CLOUD T/A 6/8 CL/TR WEATHER X2 ORIG A2 049 1 SQUARE 75

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXYG	P04	TOT P	NO2	NO3	SIO3	PH
10.5	STD	00000	07.83											
	DBS	00000	07.83											
	STD	00010	06.65											
	STD	00020	05.56											
10.5	DBS	00024	05.15											
	STD	00030	04.44											
10.5	DBS	00048	02.97											
	STD	00050	02.94											
10.5	DBS	00071	02.57											
	STD	00075	02.43											
10.5	DBS	00095	02.10											
	STD	00100	02.35											
	STD	00125	03.44											
10.5	DBS	00145	04.10											
	STD	00150	04.12											
	STD	00200	04.30											
10.5	DBS	T00249	04.48											

REFID 31 1887 YEAR 1971 BOTDP 00314 AIR TEMP 10.1 DIR HGT PER WIND-DIR 23 INST NANSEN CAST TEN SQ 1306
 CONSEC 0007 MONTH 07 SHIP CM WET BULB 09.1 23 2 2 WIND-SPD 06 TRACE DIR 5 SQUARE 4
 LAT 47 00 N DAY 15 DATA USE 1 BAROMETR 1025.6 SEA WIND-FOR DURATION 2 SQUARE 66
 LONG 046 09 W HOUR 12.5 AREA 05 CLOUD T/A 6/8 CL/TR WEATHER X2 ORIG A2 049 1 SQUARE 76

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXYG	P04	TOT P	NO2	NO3	SIO3	PH
12.5	STD	00000	08.48											
	DBS	00000	08.48											
	STD	00010	07.06											
	STD	00020	05.46											
12.5	DBS	00024	04.77											
	STD	00030	03.11											
12.5	DBS	00048	00.03											
	STD	00050	00.06											
12.5	DBS	00072	00.38											
	STD	00075	00.60											
12.5	DBS	00097	01.83											
	STD	00100	01.87											
	STD	00125	02.18											
12.5	DBS	00145	02.43											
	STD	00150	02.74											
12.5	DBS	00194	04.60											
	STD	00200	04.58											
	STD	00250	04.45											
12.5	DBS	T00259	04.43											

REFID 31 1887 YEAR 1971 BOTDP 00336 AIR TEMP 10.1 DIR HGT PER WIND-DIR 22 INST NANSEN CAST TEN SQ 1306
 CONSEC 0008 MONTH 07 SHIP CM WET BULB 09.1 22 1 2 WIND-SPD 07 TRACE DIR 5 SQUARE 4
 LAT 46 58 N DAY 15 DATA USE 1 BAROMETR 1026.7 SEA WIND-FOR DURATION 2 SQUARE 66
 LONG 046 29 W HOUR 14.3 AREA 05 CLOUD T/A X/9 CL/TR WEATHER X4 ORIG A2 049 1 SQUARE 66

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXYG	P04	TOT P	NO2	NO3	SIO3	PH
14.3	STD	00000	07.89	32.25	25.16	00.000	1478.9							
	DBS	00000	07.89	32.251	25.16		1478.9							
	STD	00010	07.31	32.29	25.26	00.027	1476.9							
	STD	00020	06.16	32.43	25.52	00.053	1472.6							
14.3	DBS	00024	05.54	32.513	25.67		1470.3							
	STD	00030	03.55	32.78	26.09	00.075	1462.4							
14.3	DBS	00048	- 0.10	33.393	26.84		1447.4							
	STD	00050	- 0.07	33.43	26.86	00.106	1447.6							
14.3	DBS	00072	00.49	33.780	27.12		1451.0							
	STD	00075	00.61	33.81	27.14	00.133	1451.7							
14.3	DBS	00096	01.66	34.067	27.27		1457.1							
	STD	00100	02.05	34.14	27.30	00.155	1459.0							
	STD	00125	04.18	34.55	27.43	00.173	1469.0							
14.3	DBS	00144	05.41	34.791	27.48		1474.8							
	STD	00150	05.37	34.79	27.49	00.189	1474.7							
	STD	00200	05.05	34.82	27.55	00.219	1474.3							
	STD	00250	04.73	34.85	27.60	00.246	1473.8							
14.3	DBS	T00282	04.53	34.862	27.64		1473.5							

TABLE III.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 18-19 March 1971, Prepared from NODC Listing No. 31-8263.—Continued

REFID 31 1887 YEAR 1971 BOTDP 00984 AIR TEMP 09.2 DIR HGT PER WIND-DIR 15 INST NANSEN CAST TEN SQ 1306
 CONSEC 0009 MONTH 07 SHIP CM WET BULB 08.5 WIND-SPD 06 TRACE DIR 5 SQUARE 4
 LAT 47 00 N DAY 15 DATA USE 1 BAROMETR 1026.4 SEA WIND-FOR DURATION 2 SQUARE 66
 LONG 046 45 W HOUR 17.2 AREA 05 CLOUD T/A X/9 CL/TR WEATHER X4 ORIG A2 049 1 SQUARE 76

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STD	00000	07.62	32.27	25.21	00.000	1477.9							
17.2	08S	00000	07.62	32.268	25.21		1477.9							
	STD	00010	07.34	32.31	25.28	00.027	1477.0							
	STD	00020	06.75	32.36	25.40	00.053	1474.9							
	STD	00030	05.85	32.41	25.55	00.079	1471.5							
17.2	08S	00030	05.85	32.406	25.55		1471.5							
	STD	00050	02.34	33.49	26.76	00.116	1458.5							
17.2	08S	00060	01.26	33.833	27.11		1454.4							
	STD	00075	00.97	33.92	27.20	00.143	1453.5							
17.2	08S	00090	00.73	34.032	27.31		1452.8							
	STD	00100	00.45	34.14	27.41	00.163	1451.8							
17.2	08S	00120	00.36	34.333	27.57		1452.0							
	STD	00125	00.75	34.37	27.58	00.178	1453.9							
	STD	00150	02.34	34.52	27.58	00.191	1461.6							
17.2	08S	00174	03.33	34.627	27.58		1466.4							
	STD	00200	03.48	34.66	27.59	00.217	1467.5							
17.2	08S	00229	03.64	34.702	27.61		1468.7							
	STD	00250	03.75	34.73	27.62	00.242	1469.6							
	STD	00300	03.98	34.80	27.65	00.267	1471.4							
17.2	08S	00338	04.12	34.841	27.67		1472.7							
	STD	00400	04.30	34.88	27.68	00.314	1474.6							
17.2	08S	T00448	04.38	34.906	27.69		1475.7							
	STD	00500	04.37	34.92	27.70	00.360	1476.5							
17.2	08S	00557	04.34	34.919	27.71		1477.4							
	STD	00600	04.31	34.91	27.70	00.406	1477.9							
17.2	08S	T00667	04.26	34.896	27.70		1478.8							
	STD	00700	04.23	34.90	27.70	00.452	1479.3							
	STD	00800	04.12	34.91	27.73	00.499	1480.5							
17.2	08S	T00886	04.00	34.922	27.75		1481.4							
	STD	00900	03.98	34.92	27.75	00.544	1481.6							
17.2	08S	00995	03.81	34.933	27.77		1482.4							

REFID 31 1887 YEAR 1971 BOTDP 01159 AIR TEMP 08.5 DIR HGT PER WIND-DIR 15 INST NANSEN CAST TEN SQ 1306
 CONSEC 0010 MONTH 07 SHIP CM WET BULB 07.8 WIND-SPD 10 TRACE DIR 5 SQUARE 4
 LAT 47 00 N DAY 15 DATA USE 1 BAROMETR 1026.2 SEA WIND-FOR DURATION 2 SQUARE 66
 LONG 047 00 W HOUR 20.1 AREA 05 CLOUD T/A 8/5 CL/TR WEATHER X1 ORIG A2 049 1 SQUARE 77

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STD	00000	08.08	32.17	25.06	00.000	1479.5							
20.1	08S	00000	08.08	32.167	25.06		1479.5							
	STD	00010	04.89	32.39	25.65	00.026	1467.2							
	STD	00020	02.43	32.63	26.07	00.047	1457.2							
20.1	08S	00026	01.30	32.778	26.26		1452.5							
	STD	00030	00.85	32.92	26.40	00.065	1450.8							
	STD	00050	- 0.55	33.42	26.88	00.093	1445.4							
20.1	08S	00051	- 0.58	33.441	26.90		1445.3							
	STD	00075	- 0.19	33.62	27.03	00.121	1447.7							
20.1	08S	00077	- 0.16	33.638	27.04		1447.9							
	STD	00100	00.26	33.80	27.15	00.146	1450.5							
20.1	08S	00103	00.32	33.824	27.16		1450.8							
	STD	00125	00.88	33.96	27.24	00.168	1453.9							
	STD	00150	01.47	34.12	27.33	00.188	1457.2							
20.1	08S	00154	01.56	34.149	27.35		1457.7							
	STD	00200	02.52	34.45	27.51	00.222	1463.1							
20.1	08S	T00205	02.61	34.475	27.52		1463.6							
	STD	00250	03.27	34.63	27.59	00.250	1467.4							
	STD	00300	03.77	34.76	27.64	00.275	1470.5							
20.1	08S	00307	03.82	34.769	27.64		1470.8							
	STD	00400	03.99	34.83	27.67	00.323	1473.2							
20.1	08S	T00408	04.00	34.833	27.67		1473.4							
	STD	00500	04.15	34.87	27.69	00.370	1475.5							
20.1	08S	00509	04.16	34.872	27.69		1475.8							
	STD	00600	04.27	34.90	27.70	00.416	1477.7							
20.1	08S	T00610	04.27	34.900	27.70		1477.9							
	STD	00700	04.25	34.90	27.70	00.464	1479.3							
	STD	00800	04.11	34.89	27.71	00.511	1480.4							
20.1	08S	00815	04.08	34.890	27.71		1480.5							

TABLE III.— Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 18-19 March 1971, Prepared from NODC Listing No. 31-8263.—Continued

REFID 31 1887 YEAR 1971 BOTOP 00402 AIR TEMP 08.0 OIR HGT PER WIND-OIR 15 INST NANSEN CAST TEN SQ 1306
 CONSEC 0011 MONTH 07 SHIP CM WET BULB 07.4 13 2 3 WIND-SPO 10 TRACE OIR 5 SQUARE 4
 LAT 47 00 N DAY 15 DATA USE 1 BAROMETR 1025.1 SEA WIND-FDR DURATION 2 SQUARE 66
 LONG 047 14 W HOUR 22.7 AREA 05 CLOUD T/A 6/3 CL/TR WEATHER X1 ORIG A2 049 1 SQUARE 77

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPHT	SNO VEL	OXYG	P04	TOT P	NO2	NO3	S103	PH
	STO	00000	08.06	31.87	24.83	00.000	1479.1							
22.7	08S	00000	08.06	31.870	24.83		1479.1							
	STO	00010	07.87	31.91	24.89	00.031	1478.6							
	STO	00020	06.64	32.05	25.17	00.060	1474.1							
22.7	08S	00023	06.06	32.111	25.29		1471.9							
	STO	00030	02.92	32.40	25.85	00.085	1459.2							
22.7	08S	00046	- 1.48	32.900	26.45		1440.2							
	STO	00050	- 1.43	32.94	26.51	00.122	1440.6							
22.7	08S	00069	- 1.06	33.192	26.71		1443.0							
	STO	00075	- 0.88	33.32	26.81	00.156	1444.1							
22.7	08S	00083	- 0.66	33.476	26.93		1445.5							
	STO	00100	- 0.31	33.58	26.99	00.165	1447.5							
	STO	00125	00.19	33.72	27.09	00.211	1450.5							
22.7	08S	00139	00.47	33.802	27.14		1452.1							
	STO	00150	00.69	33.86	27.17	00.234	1453.3							
	STO	00200	01.66	34.14	27.33	00.276	1458.9							
	STO	00250	02.61	34.40	27.47	00.311	1464.2							
	STO	00300	03.52	34.65	27.58	00.341	1469.3							
22.7	08S	00330	04.06	34.799	27.64		1472.3							

REFID 31 1887 YEAR 1971 BOTOP 00216 AIR TEMP 09.1 OIR HGT PER WIND-OIR 14 INST NANSEN CAST TEN SQ 1306
 CONSEC 0012 MONTH 07 SHIP CM WET BULB 08.5 14 2 3 WIND-SPO 14 TRACE OIR 5 SQUARE 4
 LAT 47 00 N DAY 16 DATA USE 1 BAROMETR 1024.2 SEA WIND-FDR DURATION 2 SQUARE 66
 LONG 047 20 W HOUR 00.9 AREA 05 CLOUD T/A 8/6 CL/TR WEATHER X1 ORIG A2 049 1 SQUARE 77

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPHT	SNO VEL	OXYG	P04	TOT P	NO2	NO3	S103	PH
	STO	00000	07.66	32.20	25.15	00.000	1478.0							
00.9	08S	00000	07.66	32.198	25.15		1478.0							
	STO	00010	03.73	32.42	25.78	00.025	1462.4							
	STO	00020	00.81	32.60	26.15	00.045	1450.0							
00.9	08S	00023	00.13	32.640	26.22		1447.0							
	STO	00030	- 0.90	32.70	26.31	00.063	1442.4							
00.9	08S	00046	- 2.09	32.843	26.45		1437.3							
	STO	00050	- 1.87	32.89	26.49	00.096	1438.4							
00.9	08S	00068	- 1.07	33.067	26.61		1442.8							
	STO	00075	- 0.89	33.12	26.65	00.133	1443.8							
00.9	08S	00091	- 0.53	33.236	26.73		1445.9							
	STO	00100	- 0.37	33.29	26.77	00.166	1446.9							
	STO	00125	- 0.05	33.48	26.91	00.197	1449.0							
00.9	08S	00136	00.03	33.584	26.98		1449.7							
	STO	00150		33.73										
00.9	08S	00171		33.987										

REFID 31 1887 YEAR 1971 BOTOP 00178 AIR TEMP 10.3 OIR HGT PER WIND-OIR 15 INST NANSEN CAST TEN SQ 1306
 CONSEC 0013 MONTH 07 SHIP CM WET BULB 08.8 15 2 2 WIND-SPO 20 TRACE OIR 5 SQUARE 4
 LAT 47 00 N DAY 16 DATA USE 1 BAROMETR 1022.6 SEA WIND-FDR DURATION 2 SQUARE 66
 LONG 047 44 W HOUR 02.5 AREA 05 CLOUD T/A 6/8 CL/TR WEATHER X2 ORIG A2 049 1 SQUARE 77

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPHT	SNO VEL	OXYG	P04	TOT P	NO2	NO3	S103	PH
	STO	00000	08.05	32.26	25.14	00.000	1479.5							
02.5	08S	00000	08.05	32.257	25.14		1479.5							
	STO	00010	05.65	32.19	25.40	00.027	1470.1							
	STO	00020	03.48	32.12	25.57	00.052	1461.1							
02.5	08S	00022	03.07	32.102	25.59		1459.3							
	STO	00030	01.24	32.40	25.97	00.074	1451.8							
02.5	08S	00045	- 1.00	32.776	26.37		1442.3							
	STO	00050	- 1.17	32.79	26.39	00.111	1441.6							
02.5	08S	00067	- 1.45	32.863	26.46		1440.7							
	STO	00075	- 1.32	32.92	26.50	00.151	1441.5							
02.5	08S	00089	- 1.10	33.023	26.58		1442.9							
	STO	00100	- 0.93	33.11	26.64	00.188	1444.0							
	STO	00125	- 0.57	33.30	26.78	00.221	1446.4							
02.5	08S	T00134	- 0.45	33.377	26.84		1447.2							

TABLE III.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 18-19 March 1971, Prepared from NODC Listing No. 31-S263.—Continued

REFID 31 1887	YEAR 1971	BO TOP 00146	AIR TEMP 10.3	DIR HGT PER	WIND-DIR 15	INST NANSEN CAST	TEN SQ 1306
CONSEC 0014	MONTH 07	SHIP CM	WET BULB 08.8	49 2 3	WIND-SPD 20	TRACE DIR	5 SQUARE 4
LAT 47 00 N	DAY 16	DATA USE 1	BAROMETR 1021.2	SEA	WIND-FOR	DURATION	2 SQUARE 68
LONG 048 00 W	HRUR 04.2	AREA 05	CLOUD T/A 8/8	CL/TR	WEATHER X2	ORIG A2 049	1 SQUARE 78

CSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SND VEL	OXYG	PU4	TOT P	NO2	NO3	SIJ3	PH
04.2	STO	00000	08.38	32.23	25.07	00.000	1480.8							
	OBS	00000	08.38	32.228	25.07		1480.8							
	STO	00010	08.15	32.26	25.13	00.028	1480.1							
	STO	00020	07.91	32.29	25.19	00.057	1479.4							
	STO	00030	07.68	32.33	25.25	00.084	1478.7							
04.2	OBS	00048	07.26	32.387	25.35		1477.4							
	STO	00050	06.26	32.43	25.52	00.136	1473.5							
04.2	OBS	00071	- 0.81	32.772	26.36		1443.6							
	STO	00075	- 0.97	32.78	26.38	00.188	1443.0							
04.2	OBS	00094	- 1.37	32.872	26.46		1441.5							
	STO	00100	- 1.30	32.91	26.49	00.228	1442.0							
04.2	OBS	00117	- 1.09	33.047	26.60		1443.4							

TABLE V.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC CHASE, 26-28 August 1971, Prepared from NODC Listing No. 31-1889.

REFID	31	1889	YEAR	1971	BOTOP	00137	AIR TEMP	16.3	DIR HGT	PER	WIND-DIR	25	INST	NANSEN	CAST	TEN SQ	1306			
CONSEC		0001	MONTH	08	SHIP	E1	WET BULB	15.0		25	1	2	WIND-SPD	14	TRACE	DIR	5	SQUARE	4	
LAT	47	00	N	DAY	26	DATA	USE	1	BAROMETR	1019.9	SEA		WIND-FOR		DURATION		2	SQUARE	68	
LONG	048	00	W	HOUR	19.3	AREA		05	CLOUD	T/A	8/5	CL/TR	WEATHER	X1	ORIG	A2	050	1	SQUARE	78

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXYG	P04	TOT P	NO2	NO3	SI03	PH
	STD	00000	14.26	31.70	23.61	00.000	1501.0							
19.3	OBS	00000	14.26	31.703	23.61		1501.0							
	STD	00010	14.12	31.64	23.59	00.043	1500.6							
19.3	OBS	00012	13.74	31.624	23.66		1499.3							
	STD	00020	07.63	32.06	25.04	00.079	1478.0							
	STD	00030	01.97	32.48	25.98	00.104	1455.2							
19.3	OBS	00037	- 0.68	32.683	26.29		1443.5							
	STD	00050	- 1.09	32.76	26.36	00.141	1441.9							
19.3	OBS	00062	- 1.31	32.833	26.43		1441.2							
	STD	00075	- 1.12	32.90	26.48	00.181	1442.4							
19.3	OBS	00087		32.993										
	STD	00100	- 1.00	33.14	26.67	00.218	1443.7							
19.3	OBS	00112	- 0.59	33.310	26.79		1446.1							

REFID	31	1889	YEAR	1971	BOTOP	00137	AIR TEMP	14.9	DIR HGT	PER	WIND-DIR	24	INST	NANSEN	CAST	TEN SQ	1306			
CONSEC		0002	MONTH	08	SHIP	E1	WET BULB	14.2		24	2	2	WIND-SPD	09	TRACE	DIR	5	SQUARE	4	
LAT	46	59	N	DAY	26	DATA	USE	1	BAROMETR	1019.5	SEA		WIND-FOR		DURATION		2	SQUARE	66	
LONG	047	53	W	HOUR	20.9	AREA		05	CLOUD	T/A	6/6	CL/TR	WEATHER	X1	ORIG	A2	050	1	SQUARE	67

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXYG	P04	TOT P	NO2	NO3	SI03	PH
	STD	00000	14.03	31.61	23.59	00.000	1500.1							
20.9	OBS	00000	14.03	31.614	23.59		1500.1							
	STD	00010	13.25	32.07	24.10	00.040	1498.2							
	STD	00020	12.47	32.41	24.52	00.077	1496.2							
20.9	OBS	00025	12.08	32.543	24.69		1495.1							
	STD	00030	08.19	32.60	25.39	00.107	1481.0							
20.9	OBS	00049	- 1.36	32.774	26.38		1440.7							
	STD	00050	- 1.36	32.78	26.39	00.149	1440.7							
20.9	OBS	00074	- 1.25	32.904	26.48		1441.8							
	STD	00075	- 1.23	32.91	26.49	00.189	1441.9							
20.9	OBS	00098	- 0.84	33.119	26.65		1444.4							
	STD	00100	- 0.80	33.14	26.66	00.226	1444.7							
20.9	OBS	00110	- 0.60	33.287	26.77		1446.0							

REFID	31	1889	YEAR	1971	BOTOP	00201	AIR TEMP	15.1	DIR HGT	PER	WIND-DIR	29	INST	NANSEN	CAST	TEN SQ	1306			
CONSEC		0003	MONTH	08	SHIP	E1	WET BULB	13.9		25	1	2	WIND-SPD	05	TRACE	DIR	5	SQUARE	4	
LAT	47	00	N	DAY	26	DATA	USE	1	BAROMETR	1020.0	SEA		WIND-FOR		DURATION		2	SQUARE	66	
LONG	047	30	W	HOUR	22.8	AREA		05	CLOUD	T/A	7/5	CL/TR	WEATHER	X1	ORIG	A2	050	1	SQUARE	77

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXYG	P04	TOT P	NO2	NO3	SI03	PH
	STD	00000	13.55	31.61	23.68	00.000	1498.5							
22.8	OBS	00000	13.55	31.606	23.68		1498.5							
	STD	00010	05.66	32.09	25.32	00.034	1470.0							
	STD	00020	00.28	32.45	26.06	00.057	1447.4							
22.8	OBS	00024	- 1.16	32.560	26.20		1440.9							
	STD	00030	- 1.34	32.63	26.26	00.076	1440.3							
22.8	OBS	00047	- 1.63	32.774	26.39		1439.4							
	STD	00050	- 1.62	32.78	26.40	00.110	1439.5							
22.8	OBS	00071	- 1.51	32.858	26.45		1440.4							
	STD	00075	- 1.47	32.87	26.47	00.150	1440.7							
22.8	OBS	00095	- 1.27	32.972	26.54		1442.1							
	STD	00100	- 1.22	32.99	26.56	00.188	1442.5							
	STD	00125	- 0.95	33.14	26.66	00.224	1444.4							
22.8	OBS	00142	- 0.77	33.279	26.77		1445.7							
	STD	00150	- 0.54	33.36	26.83	00.256	1447.0							
22.8	OBS	00189	01.23	33.846	27.13		1456.4							

TABLE V.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC CHASE, 26-28 August 1971, Prepared from NODC Listing No. 31-1889.—Continued

REFID 31 1889	YEAR 1971	BOTDP 00329	AIR TEMP 15.1	DIR HGT PER	WIND-DIR 29	INST NANSEN CAST	TEN SQ 1306
CONSEC 0004	MONTH 08	SHIP E1	NET BULB 13.9	21 1 3	WIND-SPD 05	TRACE OIR	5 SQUARE 4
LAT 46 59 N	DAY 27	DATA USE 1	BAROMETR 1020.0	SEA	WIND-FOR	DURATION	2 SQUARE 66
LONG 047 15 W	HOOR 00.7	AREA 05	CLOUD T/A 6/5	CL/TR	WEATHER X1	ORIG A2 050	1 SQUARE 67

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OYNDPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	S103	PH
	STD	00000	13.68	31.03	23.21	00.000	1498.2							
00.7	085	00000	13.68	31.029	23.21		1498.2							
	STD	00010	07.78	31.69	24.74	00.039	1477.9							
	STD	00020	03.29	32.23	25.68	00.067	1460.4							
	STD	00030	00.21	32.64	26.22	00.087	1447.5							
00.7	085	00030	00.21	32.640	26.22		1447.5							
	STD	00050	- 1.10	33.03	26.58	00.120	1442.3							
00.7	085	00055	- 1.29	33.107	26.65		1441.6							
	STD	00075	- 1.26	33.33	26.83	00.154	1442.3							
00.7	085	00086	- 1.25	33.443	26.92		1442.7							
	STD	00100	- 0.51	33.57	27.00	00.182	1446.6							
00.7	085	00111	- 0.01	33.670	27.06		1449.2							
	STD	00125	00.38	33.78	27.13	00.207	1451.4							
	STD	00150	01.02	33.97	27.24	00.230	1455.0							
00.7	085	00166	01.36	34.082	27.30		1457.0							
	STD	00200	02.00	34.30	27.44	00.268	1460.6							
00.7	085	00222	02.36	34.423	27.50		1462.7							
	STD	00250	02.78	34.55	27.57	00.298	1465.2							
	STD	00300	03.43	34.71	27.63	00.324	1469.0							
00.7	085	00333	03.78	34.765	27.64		1471.1							

REFID 31 1889	YEAR 1971	BOTOP 01097	AIR TEMP 14.4	DIR HGT PER	WIND-DIR 28	INST NANSEN CAST	TEN SQ 1306
CONSEC 0005	MONTH 08	SHIP E1	NET BULB 13.1	28 3 3	WIND-SPD 16	TRACE OIR	5 SQUARE 4
LAT 47 00.0N	DAY 27	DATA USE 1	BAROMETR 1020.0	SEA	WIND-FOR	DURATION	2 SQUARE 66
LONG 046 58.0W	HOOR 03.3	AREA 05	CLOUD T/A 6/7	CL/TR	WEATHER X1	ORIG A2 050	1 SQUARE 76

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OYNDPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	S103	PH
	STD	00000	12.60	31.78	24.00	00.000	1495.5							
03.3	085	00000	12.60	31.784	24.00		1495.5							
	STD	00010	11.68	31.78	24.18	00.038	1492.5							
	STD	00020	10.75	31.97	24.48	00.074	1489.6							
03.3	085	00025	10.29	32.133	24.69		1488.2							
	STD	00030	07.25	32.53	25.46	00.104	1477.3							
03.3	085	00049	- 0.28	33.562	26.98		1446.8							
	STD	00050	- 0.32	33.57	26.99	00.140	1446.7							
03.3	085	00074	- 0.46	33.759	27.15		1446.7							
	STD	00075	- 0.40	33.77	27.15	00.165	1447.0							
03.3	085	00098	00.75	34.016	27.29		1453.0							
	STD	00100	00.83	34.04	27.30	00.186	1453.4							
	STD	00125	01.72	34.25	27.41	00.204	1458.0							
03.3	085	00148	02.32	34.403	27.49		1461.3							
	STD	00150	02.34	34.41	27.49	00.221	1461.4							
	STD	00200	02.91	34.59	27.59	00.249	1464.9							
03.3	085	00202	02.93	34.595	27.59		1465.1							
	STD	00250	03.49	34.71	27.63	00.274	1468.4							
	STD	00300	03.87	34.80	27.66	00.298	1471.0							
03.3	085	00301	03.88	34.801	27.66		1471.0							
	STD	00400	04.03	34.86	27.69	00.344	1473.4							
03.3	085	00400	04.03	34.859	27.69		1473.4							
	STD	00500	04.00	34.88	27.71	00.389	1474.9							
03.3	085	00503	04.00	34.880	27.71		1475.0							
	STD	00600	04.08											
03.3	085	00600	04.08											
03.3	085	001037	03.86											

TABLE V.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC CHASE, 26-28 August 1971, Prepared from NODC Listing No. 31-1889.—Continued

REFID 31 1889	YEAR 1971	BCTOP 00905	AIR TEMP 12.2	DIR HGT PER	WIND-DIR 32	INST NANSEN CAST	TEN SQ 1306
CONSEC 0006	MONTH 08	SHIP E1	WET BULB 11.6	32 2 2	WIND-SPD 15	TRACE DIR	5 SQUARE 4
LAT 47 01 N	DAY 27	DATA USE 1	BAROMETR 1020.4	SEA	WIND-FOR	DURATION	2 SQUARE 66
LONG 046 44 W	HRUR 05.7	AREA 05	CLOUD T/A 0/1	CL/TP	WEATHER X1	ORIG A2 050	1 SQUARE 76

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYN DPTH	SND VEL	DXYG	P34	TOT P	NO2	NO3	SI03	PH
	STO	00000	13.14											
05.7	OBS	00000	13.14											
	STO	00010	09.74											
	STO	00020	06.82											
05.7	OBS	00024	05.78											
	STO	00030	04.18											
05.7	OBS	00048	01.16											
	STO	00050	01.17											
05.7	OBS	00073	01.41											
	STO	00075	01.46											
05.7	OBS	00097	02.01											
	STO	00100	02.09											
	STO	00125	02.71											
05.7	OBS	00146	03.20											
	STO	00150	03.31											
05.7	OBS	00199	04.27											
	STO	00200	04.27											
	STO	00250	04.34											
05.7	OBS	00296	04.40											
	STO	00300	04.37											
05.7	OBS	00393	03.94											
	STO	00400	03.98											
05.7	OBS	00495	04.31											
	STO	00500	04.31											
05.7	OBS	00592	04.27											
	STO	00600	04.26											
	STO	00700	04.18											
05.7	OBS	T00787	04.11											
	STO	00800	04.06											
05.7	OBS	00831	03.94											

REFID 31 1889	YEAR 1971	BCTOP 00393	AIR TEMP 12.2	DIR HGT PER	WIND-DIR 32	INST NANSEN CAST	TEN SQ 1306
CONSEC 0007	MONTH 08	SHIP E1	WET BULB 11.6	32 1 2	WIND-SPD 15	TRACE DIR	5 SQUARE 4
LAT 46 59 N	DAY 27	DATA USE 1	BAROMETR 1020.4	SEA	WIND-FOR	DURATION	2 SQUARE 66
LONG 046 34 W	HRUR 07.7	AREA 05	CLOUD T/A 6/5	CL/TR	WEATHER X1	ORIG A2 050	1 SQUARE 66

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYN DPTH	SND VEL	DXYG	P34	TOT P	NO2	NO3	SI03	PH
	STO	00000	13.06											
07.7	OBS	00000	13.06											
	STO	00010	12.33											
	STO	00020	11.61											
07.7	OBS	00024	11.32											
	STO	00030	07.27											
07.7	OBS	00048	00.07											
	STO	00050	00.38											
07.7	OBS	00073	02.35											
	STO	00075	02.20											
07.7	OBS	00097	01.24											
	STO	00100	01.47											
	STO	00125	03.00											
07.7	OBS	00146	03.79											
	STO	00150	03.79											
07.7	OBS	00199	03.78											
	STO	00200	03.78											
	STO	00250	03.82											
07.7	OBS	00295	03.89											

TABLE V.- Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC CHASE, 26-28 August 1971, Prepared from NODC Listing No. 31-1889. Continued

REFID 31 1889 YEAR 1971 BOTOP 00292 AIR TEMP 11.3 OIR HGT PER WIND-OIR 32 INST NANSEN CAST TEN SQ 1306
 CONSEC 0008 MONTH 08 SHIP E1 WET BULB 09.8 32 2 2 WIND-SPO 15 TRACE OIR 5 SQUARE 4
 LAT 47 00 N OAY 27 DATA USE 1 BAROMETR 1021.7 SEA WIND-FOR DURATION 2 SQUARE 66
 LONG 046 10 W HOUR 09.5 AREA 05 CLOUD T/A 6/6 CL/TR WEATHER X1 ORIG A2 050 1 SQUARE 76

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPH	SNO VEL	OXYG	P04	TOT P	NO2	NO3	SI03	PH
	STD	00000	13.70											
09.5	OBS	00000	13.70											
	STD	00010	13.72											
	STD	00020	13.73											
09.5	OBS	00024	13.74											
	STD	00030	10.42											
09.5	OBS	00049	03.42											
	STD	00050	03.35											
09.5	OBS	00073	02.22											
	STD	00075	02.16											
09.5	OBS	00097	01.85											
	STD	00100	01.96											
	STD	00125	02.78											
09.5	OBS	00146	03.31											
	STD	00150	03.39											
09.5	OBS	00199	04.00											

REFID 31 1889 YEAR 1971 BOTOP 00283 AIR TEMP 11.0 OIR HGT PER WIND-OIR 32 INST NANSEN CAST TEN SQ 1306
 CONSEC 0009 MONTH 08 SHIP E1 WET BULB 09.1 32 1 2 WIND-SPO 20 TRACE OIR 5 SQUARE 4
 LAT 47 00 N OAY 27 DATA USE 1 BAROMETR 1023.4 SEA WIND-FOR DURATION 2 SQUARE 64
 LONG 045 49 W HOUR 12.1 AREA 05 CLOUD T/A 6/6 CL/TR WEATHER X1 ORIG A2 050 1 SQUARE 75

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPH	SNO VEL	OXYG	P04	TOT P	NO2	NO3	SI03	PH
	STD	00000	13.56											
12.1	OBS	00000	13.56											
	STD	00010	13.31											
	STD	00020	13.06											
12.1	OBS	00023	12.99											
	STD	00030	08.93											
12.1	OBS	00045	03.22											
	STD	00050	02.95											
12.1	OBS	00068	02.35											
	STD	00075	02.37											
12.1	OBS	00091	02.41											
	STD	00100	02.82											
	STD	00125	03.74											
12.1	OBS	00136	04.04											
	STD	00150	04.33											
12.1	OBS	00186	04.58											

REFID 31 1889 YEAR 1971 BOTOP 00284 AIR TEMP 11.4 OIR HGT PER WIND-OIR 32 INST NANSEN CAST TEN SQ 1306
 CONSEC 0010 MONTH 08 SHIP E1 WET BULB 09.0 32 2 2 WIND-SPO 18 TRACE OIR 5 SQUARE 4
 LAT 47 20 N OAY 27 DATA USE 1 BAROMETR 1024.5 SEA WIND-FOR DURATION 2 SQUARE 64
 LONG 045 49 W HOUR 14.5 AREA 05 CLOUD T/A 2/6 CL/TR WEATHER X1 ORIG A2 050 1 SQUARE 75

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPH	SNO VEL	OXYG	P04	TOT P	NO2	NO3	SI03	PH
	STD	00000	13.14											
14.5	OBS	00000	13.14											
	STD	00010	12.89											
	STD	00020	11.79											
14.5	OBS	00028	10.29											
	STD	00030	09.41											
	STD	00050	03.13											
14.5	OBS	00051	02.94											
	STD	00075	02.34											
14.5	OBS	00079	02.32											
	STD	00100	02.62											
14.5	OBS	00103	02.67											
	STD	00125	03.33											
	STD	00150	03.91											
14.5	OBS	00154	03.99											
	STD	00200	04.53											
14.5	OBS	00206	04.56											

TABLE V. Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC CHASE, 26-28 August 1971, Prepared from NODC Listing No. 31-1889. Continued

REFID 31 1889 YEAR 1971 BOTOP 00393 AIR TEMP 11.4 OIR HGT PER WIND-DIR 32 INST NANSEN CAST TEN SQ 1306
 CONSEC 0011 MONTH 08 SHIP E1 WET BULB 09.0 32 4 2 WIND-SPO 18 TRACE OIR 5 SQUARE 4
 LAT 47 39 N DAY 27 DATA USE 1 BAROMETR 1024.5 SEA WIND-FOK DURATION 2 SQUARE 64
 LONG 045 55 W HOUR 17.6 AREA 05 CLOUD T/A 8/5 CL/TR WEATHER XI ORIG A2 050 1 SQUARE 75

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SNO VEL	OXYG	PCP	TOT P	NO2	NO3	SIO3	PH
	STO	00000	12.31											
17.6	OBS	00000	12.31											
	STO	00010	10.60											
	STO	00020	08.29											
17.6	OBS	00022	07.76											
	STO	00030	04.03											
17.6	OBS	00044	00.32											
	STO	00050	00.89											
17.6	OBS	00067	01.97											
	STO	00075	02.03											
17.6	OBS	00089	02.23											
	STO	00100	02.61											
	STO	00125	03.37											
17.6	OBS	00133	03.58											
	STO	00150	03.80											
	STO	00200	04.28											
	STO	00250	04.52											
17.6	OBS	00271	04.55											
	STO	00300	04.52											
17.6	OBS	T00309	04.49											

REFID 31 1889 YEAR 1971 BOTOP 00750 AIR TEMP 11.4 OIR HGT PER WIND-DIR 33 INST NANSEN CAST TEN SQ 1306
 CONSEC 0012 MONTH 08 SHIP E1 WET BULB 09.1 33 4 2 WIND-SPO 25 TRACE DIR 5 SQUARE 4
 LAT 48 00 N DAY 27 DATA USE 1 BAROMETR 1025.1 SEA WIND-FOK DURATION 2 SQUARE 84
 LONG 045 50 W HOUR 20.6 AREA 05 CLOUD T/A 8/2 CL/TR WEATHER XI ORIG A2 050 1 SQUARE 85

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SNO VEL	OXYG	PCP	TOT P	NO2	NO3	SIO3	PH
	STO	00000	11.67											
20.6	OBS	00000	11.67											
	STO	00010	10.35											
	STO	00020	08.37											
20.6	OBS	00024	07.39											
	STO	00030	04.88											
20.6	OBS	00043	01.28											
	STO	00050	01.22											
20.6	OBS	00066	01.07											
	STO	00075	01.58											
20.6	OBS	00085	02.02											
	STO	00100	02.13											
	STO	00125	02.32											
20.6	OBS	00127	02.34											
	STO	00150	03.59											
20.6	OBS	T00170	04.38											
	STO	00200	04.48											
	STO	00250	04.56											
20.6	OBS	00255	04.56											
	STO	00300	04.50											
20.6	OBS	T00342	04.45											
	STO	00400	04.37											
20.6	OBS	00431	04.34											
	STO	00500	04.31											
20.6	OBS	00521	04.30											
20.6	OBS	T00554	04.40											

TABLE V.- Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC CHASE, 26-28 August 1971, Prepared from NOFC Listing No. 31-1889.—Continued

REFID	31	1889	YEAR	1971	BOGTOP	01134	AIR TEMP	12.0	DIR HGT	PER	WIND-DIR	32	INST	NANSEN	CAST	TEN SQ	1306			
CONSEC		0013	MONTH	08	SHIP	E1	WET BULB	10.0		32	2	2	WIND-SPD	20	TRACE	DIR	5	SQUARE	4	
LAT	48	20	N	OAY	27	DATA	USE	1	BAROMETR	1026.1	SEA		WIND-FJR		DURATION		2	SQUARE	84	
LONG	045	50	W	HOOR	23.4	AREA		05	CLOUD	T/A	/0	CL/TR	WEATHER	X0	ORIG	A2	050	1	SQUARE	85

CASNUM/TIME	LVLTY	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STD	00000	12.20											
23.4	OBS	00000	12.20											
	STD	00010	04.96											
	STD	00020	00.28											
23.4	OBS	00024	- 0.87											
	STD	00030	- 0.70											
23.4	OBS	00045	- 0.20											
	STD	00050	00.01											
23.4	OBS	00071	00.86											
	STD	00075	01.03											
23.4	OBS	00091	01.65											
	STD	00100	01.94											
	STD	00125	02.61											
23.4	OBS	00136	02.84											
	STD	00150	03.01											
23.4	OBS	T00180	03.34											
	STD	00200	03.53											
	STD	00250	03.89											
23.4	OBS	00268	03.98											
	STD	00300	04.03											
23.4	OBS	T00354	04.08											
	STD	00400	04.08											
23.4	OBS	00437	04.08											
	STD	00500	04.19											
23.4	OBS	00520	04.22											
	STD	00600	04.22											
23.4	OBS	00689	04.22											
	STD	00700	04.21											
	STD	00800	04.12											
23.4	OBS	T00855	04.04											

REFID	31	1889	YEAR	1971	BOGTOP	01150	AIR TEMP	11.6	DIR HGT	PER	WIND-DIR	30	INST	NANSEN	CAST	TEN SQ	1306			
CONSEC		0014	MONTH	08	SHIP	E1	WET BULB	10.8		30	2	2	WIND-SPD	16	TRACE	DIR	5	SQUARE	4	
LAT	48	35	N	OAY	28	DATA	USE	1	BAROMETR	1026.4	SEA		WIND-FJR		DURATION		2	SQUARE	84	
LONG	045	51	W	HOOR	01.6	AREA		05	CLOUD	T/A	/0	CL/TR	WEATHER	X0	ORIG	A2	050	1	SQUARE	85

CASNUM/TIME	LVLTY	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STD	00000	11.06											
01.6	OBS	00000	11.06											
	STD	00010	08.64											
	STD	00020	06.41											
01.6	OBS	00027	04.97											
	STD	00030	04.20											
01.6	OBS	00049	01.06											
	STD	00050	01.09											
	STD	00075	01.69											
01.6	OBS	00076	01.71											
01.6	OBS	00099	02.21											
	STD	00100	02.23											
	STD	00125	02.72											
01.6	OBS	00149	03.10											
	STD	00150	03.11											
01.6	OBS	T00199	03.64											
	STD	00200	03.64											
	STD	00250	03.81											
	STD	00300	03.95											
01.6	OBS	00301	03.95											
	STD	00400	04.13											
01.6	OBS	T00403	04.13											
	STD	00500	04.18											
01.6	OBS	00507	04.18											
	STD	00600	04.20											
01.6	OBS	00612	04.20											
	STD	00700	04.11											
	STD	00800	04.01											
01.6	OBS	T00827	03.98											
	STD	00900	03.90											
	STD	01000	03.78											
01.6	OBS	T01040	03.73											

TABLE VI.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC DALLAS, 9-10 November 1971, Prepared from NODC Listing No. 31 8280.

REFID 31 8240 YEAR 1971 BOTOP 00137 AIR TEMP UIR HGT PER WIND-DIR INST STO RECORDER TEN SQ L30b
 CONSEC 0001 MONTH 11 SHIP OG WET BULB U3 2 3 WIND-SPD TRACE DIR 0 5 SQUARE 4
 LAT 47 00 N DAY 09 DATA USE 1 BAROMETR CL/THR SEA WIND-FUR DURATION 00.1 2 SQUARE 66
 LONG 047 54 W HOUR 01.4 AREA 05 CLOUD T/A CL/THR WEATHER 0RIG AZ US1 1 SQUARE 77

CASNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SND VEL	JXYG	P34	TOT P	NO2	NO3	SI03	PH
	STO	00000	01.98	33.11	26.48	00.000	1455.0							
01.4	OBS	00000	01.94	33.11	26.48		1455.0							
	STO	00010	02.11	33.16	26.51	00.015	1456.4							
	OBS	00010	02.11	33.16	26.51		1456.4							
	STO	00020	02.20	33.19	26.53	00.031	1457.0							
	OBS	00020	02.20	33.19	26.53		1457.0							
	STO	00030	02.22	33.24	26.57	00.046	1457.3							
	OBS	00030	02.22	33.24	26.57		1457.3							
	STO	00040	02.26	33.26	26.58		1457.7							
	OBS	00040	02.26	33.26	26.58		1457.7							
	STO	00050	02.41	33.30	26.60	00.075	1458.6							
	OBS	00050	02.41	33.30	26.60		1458.6							
	STO	00070	- 1.03	33.08	26.62		1463.0							
	OBS	00070	- 1.03	33.08	26.62		1463.0							
	STO	00075	- 1.09	33.19	26.72	00.113	1463.9							
	OBS	00075	- 1.09	33.19	26.72		1463.9							
	STO	00090	- 1.12	33.28	26.79		1463.6							
	OBS	00090	- 1.12	33.28	26.79		1463.6							
	STO	00100	- 0.94	33.40	26.88	00.141	1464.2							
	OBS	00100	- 0.94	33.40	26.88		1464.2							
	STO	00115	- 0.80	33.40	27.00		1465.5							
	OBS	00115	- 0.80	33.40	27.00		1465.5							

REFID 31 8280 YEAR 1971 BOTOP 00168 AIR TEMP 03.1 UIR HGT PER WIND-DIR 17 INST STO RECORDER TEN SQ L30b
 CONSEC 0002 MONTH 11 SHIP OG WET BULB U3 2 3 WIND-SPD 13 TRACE DIR 0 5 SQUARE 4
 LAT 47 00 N DAY 09 DATA USE 1 BAROMETR 1015.3 SEA WIND-FUR DURATION 00.2 2 SQUARE 66
 LONG 047 54 W HOUR 04.4 AREA 05 CLOUD T/A CL/THR WEATHER 0RIG AZ US1 1 SQUARE 77

CASNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SND VEL	JXYG	P34	TOT P	NO2	NO3	SI03	PH
	STO	00000	02.58	33.05	26.35	00.000	1459.9							
04.9	OBS	00000	02.96	33.05	26.35		1459.9							
	STO	00005	02.97	33.05	26.36		1459.9							
	OBS	00005	02.97	33.05	26.36		1459.9							
	STO	00010	02.65	33.02	26.36	00.017	1458.6							
	OBS	00010	02.65	33.02	26.36		1458.6							
	STO	00013	02.33	33.12	26.46		1457.4							
	OBS	00013	02.33	33.12	26.46		1457.4							
	STO	00020	02.55	33.32	26.61	00.032	1458.7							
	OBS	00020	02.55	33.32	26.61		1458.7							
	STO	00028	02.90	33.37	26.62		1460.4							
	OBS	00028	02.90	33.37	26.62		1460.4							
	STO	00030	02.75	33.36	26.62	00.047	1459.8							
	OBS	00030	02.75	33.36	26.62		1459.8							
	STO	00050	- 0.20	33.14	26.64	00.075	1446.6							
	OBS	00050	- 0.20	33.14	26.64		1446.6							
	STO	00060	- 0.43	33.27	26.77		1443.6							
	OBS	00060	- 0.43	33.27	26.77		1443.6							
	STO	00070	- 0.98	33.33	26.82		1443.6							
	OBS	00070	- 0.98	33.33	26.82		1443.6							
	STO	00075	- 0.96	33.33	26.82	00.108	1443.8							
	OBS	00075	- 0.96	33.33	26.82		1443.8							
	STO	00080	- 0.93	33.36	26.84		1443.9							
	OBS	00080	- 0.93	33.36	26.84		1443.9							
	STO	00090	- 0.94	33.47	26.93		1444.3							
	OBS	00090	- 0.94	33.47	26.93		1444.3							
	STO	00100	- 0.87	33.54	26.99	00.137	1444.9							
	OBS	00100	- 0.87	33.54	26.99		1444.9							
	STO	00125	- 0.37	33.70	27.10	00.162	1447.8							
	OBS	00125	- 0.37	33.70	27.10		1447.8							
	STO	00145	- 0.08	33.73	27.11		1449.6							
	OBS	00145	- 0.08	33.73	27.11		1449.6							

REFID 31 8280 YEAR 1971 BOTOP 00220 AIR TEMP 02.5 UIR HGT PER WIND-DIR 17 INST STO RECORDER TEN SQ L30b
 CONSEC 0003 MONTH 11 SHIP OG WET BULB 02.5 U3 2 3 WIND-SPD 13 TRACE DIR 0 5 SQUARE 4
 LAT 47 00 N DAY 09 DATA USE 1 BAROMETR 1016.0 SEA WIND-FUR DURATION 00.1 2 SQUARE 66
 LONG 047 30 W HOUR 05.9 AREA 05 CLOUD T/A CL/THR WEATHER 0RIG AZ US1 1 SQUARE 77

CASNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SND VEL	JXYG	P34	TOT P	NO2	NO3	SI03	PH
	STO	00000	02.05	33.16	26.52	00.000	1456.0							
05.9	OBS	00000	02.35	33.16	26.52		1456.0							
	STO	00005	02.04	33.16	26.52		1456.0							
	OBS	00005	02.04	33.16	26.52		1456.0							
	STO	00010	02.09	33.20	26.55	00.015	1456.4							
	OBS	00010	02.09	33.20	26.55		1456.4							
	STO	00015	02.49	33.30	26.60		1458.3							
	OBS	00015	02.49	33.30	26.60		1458.3							
	STO	00020	02.53	33.38	26.66	00.030	1458.7							
	OBS	00020	02.53	33.38	26.66		1458.7							
	STO	00030	02.64	33.54	26.77	00.043	1459.6							
	OBS	00030	02.64	33.54	26.77		1459.6							
	STO	00040		33.54										
	OBS	00040		33.54										
	STO	00050	01.17	33.21	26.62	00.070	1452.9							
	OBS	00050	01.17	33.21	26.62		1452.9							
	STO	00075	- 0.78	33.32	26.81	00.104	1444.6							
	OBS	00075	- 0.78	33.32	26.81		1444.6							
	STO	00100	- 0.69	33.65	27.07	00.132	1445.9							
	OBS	00100	- 0.69	33.65	27.07		1445.9							
	STO	00125	- 0.30	33.82	27.19	00.155	1448.3							
	OBS	00125	- 0.30	33.82	27.19		1448.3							
	STO	00150	00.26	33.95	27.27	00.176	1451.5							
	OBS	00150	00.26	33.95	27.27		1451.5							
	STO	00175	01.13	34.09	27.33		1456.0							
	OBS	00175	01.13	34.09	27.33		1456.0							
	STO	00195	01.30	34.15	27.36		1457.2							
	OBS	00195	01.30	34.15	27.36		1457.2							

TABLE VI.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC DALLAS, 9-10 November 1971, Prepared from NODC Listing No. 31-8280.—Continued

REFID 31 8280 YEAR 1971 BUOTP 06496 AIR TEMP 03.7 DIR HGT PER WIND-DIR 15 INST STD RECORDER TEN SQ 1306
 COURSEC 0004 MONTH 11 SHIP 06 NET BULB 03.4 DIR 2 3 WIND-SPD 15 TRACE DIR 0 SQUARE 4
 LAT 47 00 N DAY 09 DATA USE 1 BAROMETR 1015.0 SEA WIND-FJK DURATION 00.1 2 SQUARE 66
 LONG 047 14 W HOUR 07.7 AREA 05 CLGUD T/A CL/TR WEATHER X4 ORIG AZ 051 1 SQUARE 77

CASNUM/TIME	LVLTY	DEPTH	TEMP	SAL	STMA-T	DYNPTH	SD VCL	JXYG	PJ4	TOT P	NO2	NO3	SI03	PH
07.7	STD	00000	06.31	33.60	26.43	00.000	1474.5							
	OBS	00000	06.31	33.60	26.43		1474.5							
	STD	00010	06.31	33.60	26.43	00.010	1474.6							
	OBS	00010	06.31	33.60	26.43		1474.6							
	STD	00020	06.30	33.59	26.42	00.032	1474.7							
	OBS	00020	06.30	33.59	26.42		1474.7							
	STD	00030	05.87	33.68	26.55	00.048	1473.3							
	OBS	00030	05.87	33.68	26.55		1473.3							
	STD	00050	05.26	33.69	26.63	00.077	1471.2							
	OBS	00050	05.26	33.69	26.63		1471.2							
	STD	00075	02.55	33.71	26.92	00.107	1460.1							
	OBS	00075	02.55	33.71	26.92		1460.1							
	STD	00100	02.11	34.41	27.51	00.131	1459.6							
	OBS	00100	02.11	34.41	27.51		1459.6							
	STD	00125	02.90	34.55	27.56	00.145	1463.6							
	OBS	00125	02.90	34.55	27.56		1463.6							
	STD	00150	03.05	34.59	27.58	00.159	1464.7							
	OBS	00150	03.05	34.59	27.58		1464.7							
	STD	00175	03.20	34.64	27.60		1465.9							
	OBS	00175	03.20	34.64	27.60		1465.9							
	STD	00200	03.43	34.70	27.63	00.184	1467.3							
	OBS	00200	03.43	34.70	27.63		1467.3							
	STD	00250	03.79	34.75	27.63	00.209	1469.8							
	OBS	00250	03.79	34.75	27.63		1469.8							
	STD	00300	03.82	34.78	27.65	00.233	1470.7							
	OBS	00300	03.82	34.78	27.65		1470.7							
	STD	00400	03.84	34.81	27.67	00.280	1472.5							
	OBS	00400	03.84	34.81	27.67		1472.5							
	STD	00500	03.80	34.82	27.69	00.327	1474.0							
	OBS	00500	03.80	34.82	27.69		1474.0							
	STD	00600	03.77	34.83	27.70	00.373	1475.6							
	OBS	00600	03.77	34.83	27.70		1475.6							
	STD	00700	03.74	34.84	27.71	00.419	1477.1							
	OBS	00700	03.74	34.84	27.71		1477.1							
	STD	00800	03.74	34.85	27.72	00.465	1478.8							
	OBS	00800	03.74	34.85	27.72		1478.8							
	STD	00850	03.75	34.85	27.71		1479.7							

REFID 31 8280 YEAR 1971 BUOTP 01097 AIR TEMP 07.0 DIR HGT PER WIND-DIR 14 INST STD RECORDER TEN SQ 1306
 COURSEC 0005 MONTH 11 SHIP 06 NET BULB 06.6 DIR 1 3 WIND-SPD 21 TRACE DIR 0 SQUARE 4
 LAT 47 00 N DAY 09 DATA USE 1 BAROMETR 1015.0 SEA WIND-FJK DURATION 00.4 2 SQUARE 66
 LONG 046 59 W HOUR 09.7 AREA 05 CLGUD T/A CL/TR WEATHER X1 ORIG AZ 051 1 SQUARE 76

CASNUM/TIME	LVLTY	DEPTH	TEMP	SAL	STMA-T	DYNPTH	SD VCL	JXYG	PJ4	TOT P	NO2	NO3	SI03	PH
09.7	STD	00000	06.57	33.06	25.77	00.000	1474.8							
	OBS	00000	06.57	33.06	25.77		1474.8							
	STD	00010	06.56	33.16	26.05	00.020	1475.1							
	OBS	00010	06.56	33.16	26.05		1475.1							
	STD	00015	06.42	33.19	26.09		1474.6							
	OBS	00015	06.42	33.19	26.09		1474.6							
	STD	00020	06.40	33.22	26.12	00.039	1474.7							
	OBS	00020	06.40	33.22	26.12		1474.7							
	STD	00030	06.28	33.31	26.21	00.053	1474.5							
	OBS	00030	06.28	33.31	26.21		1474.5							
	STD	00050	04.27	33.81	26.83	00.087	1467.2							
	OBS	00050	04.27	33.81	26.83		1467.2							
	STD	00075	03.47	34.44	27.42	00.112	1465.1							
	OBS	00075	03.47	34.44	27.42		1465.1							
	STD	00100	04.28	34.60	27.46	00.129	1469.1							
	OBS	00100	04.28	34.60	27.46		1469.1							
	STD	00125	03.75	34.53	27.46	00.145	1467.2							
	OBS	00125	03.75	34.53	27.46		1467.2							
	STD	00150	03.09	34.60	27.58	00.160	1464.9							
	OBS	00150	03.09	34.60	27.58		1464.9							
	STD	00175	03.42	34.69	27.62		1466.9							
	OBS	00175	03.42	34.69	27.62		1466.9							
	STD	00200	03.55	34.71	27.62	00.185	1467.9							
	OBS	00200	03.55	34.71	27.62		1467.9							
	STD	00250	04.09	34.82	27.66	00.209	1471.1							
	OBS	00250	04.09	34.82	27.66		1471.1							
	STD	00300	04.37	34.86	27.66	00.233	1473.2							
	OBS	00300	04.37	34.86	27.66		1473.2							
	STD	00400	04.39	34.91	27.69	00.279	1475.0							
	OBS	00400	04.39	34.91	27.69		1475.0							
	STD	00500	04.28	34.92	27.71	00.324	1476.2							
	OBS	00500	04.28	34.92	27.71		1476.2							
	STD	00600	04.25	34.93	27.73	00.368	1477.7							
	OBS	00600	04.25	34.93	27.73		1477.7							
	STD	00700	04.17	34.93	27.73	00.413	1479.0							
	OBS	00700	04.17	34.93	27.73		1479.0							
	STD	00800	04.04	34.93	27.75	00.450	1480.2							
	OBS	00800	04.04	34.93	27.75		1480.2							
	STD	00900	04.00	34.92	27.74	00.501	1481.6							
	OBS	00900	04.00	34.92	27.74		1481.6							
	STD	01000	03.97	34.93	27.76	00.545	1483.2							
	OBS	01000	03.97	34.93	27.76		1483.2							
	STD	01100	03.97	34.93	27.76		1483.2							
	OBS	01100	03.97	34.93	27.76		1483.2							
	STD	01040	03.84	34.93	27.77		1483.3							

TABLE VI. -Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC DALLAS, 9-10 November 1971, Prepared from NODC Listing No. 31-8280.-Continued

REFID 31 8280 YEAR 1971 BUOY 00295 AIR TEMP SURF DIR HGT PER WIND-DIR 12 INST STO RECORDER TEN SW 1306
 CONSEC 0006 MONTH 11 SHIP 06 MET MULP WET MULP CT-8 WIND-SPD 13 TRACE DIR 0 5 SQUARE 4
 LAT 47 03 N DAY 09 DATA USE 1 BAROMETR 1017.1 SEA WIND-FOR 00.2 2 SQUARE 66
 LONG 046 45 W HOUR 11.5 AREA 05 CLOUD T/A CL/TR WEATHER XJ GRIG 42 057 1 SQUARE 76

CASSTNM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNDPTH	SND VEL	CHYG	PJ4	TOT P	N02	N03	S103	PH
11.8	STD	00000	07.17	32.86	25.73	00.000	1476.9							
	OBS	00000	07.17	32.86	25.73		1476.9							
	STD	00010	07.08	32.93	25.80	00.022	1476.8							
	OBS	00010	07.08	32.93	25.80		1476.8							
	STD	00020	07.06	32.95	25.82	00.044	1476.9							
	OBS	00020	07.06	32.95	25.82		1476.9							
	STD	00030	07.03	33.18	26.00	00.065	1477.3							
	OBS	00030	07.03	33.18	26.00		1477.3							
	STD	00050	06.96	33.64	26.47	00.101	1476.4							
	OBS	00050	06.96	33.64	26.47		1476.4							
	STD	00075	06.75	34.13	26.79	00.137	1478.2							
	OBS	00075	06.75	34.13	26.79		1478.2							
	STD	00100	03.32	34.32	27.33	00.163	1464.7							
	OBS	00100	03.32	34.32	27.33		1464.7							
	STD	00125	04.01	34.61	27.50	00.180	1468.4							
	OBS	00125	04.01	34.61	27.50		1468.4							
	OBS	00130	04.07	34.63	27.51		1468.4							
	OBS	00140	03.90	34.61	27.51		1468.2							
	STD	00150	03.91	34.67	27.55	00.194	1468.5							
	OBS	00150	03.91	34.67	27.55		1468.5							
	OBS	00190	03.88	34.72	27.60		1469.1							
	STD	00200	04.05	34.76	27.61	00.221	1470.0							
	OBS	00200	04.05	34.76	27.61		1470.0							
	OBS	00210	04.18	34.78	27.61		1470.8							
	STD	00250	04.38	34.46	27.66	00.245	1472.4							
	OBS	00250	04.38	34.66	27.66		1472.4							
	OBS	00270	04.19	34.82	27.64		1471.9							
	OBS	00290	04.39	34.38	27.57		1473.1							
	STD	00300	04.34	34.87	27.67	00.269	1473.0							
	OBS	00300	04.34	34.87	27.67		1473.0							
	OBS	00310	04.21	34.84	27.66		1472.6							
	OBS	00365	04.66	34.95	27.70		1475.6							
	STD	00400	04.52	34.92	27.64	00.315	1475.5							
	OBS	00400	04.52	34.92	27.65		1475.5							
	OBS	00420	04.47	34.92	27.64		1475.6							
	OBS	00475	04.50	34.93	27.70		1476.7							
	STD	00500	04.32	34.92	27.71	00.360	1476.3							
	OBS	00500	04.32	34.92	27.71		1476.3							
	OBS	00540	04.31	34.92	27.71		1477.0							
	OBS	00552	04.19	34.90	27.71		1476.6							
	OBS	00572	04.35	34.94	27.72		1477.7							
	OBS	00590	04.23	34.92	27.72		1477.4							
	STD	00600	04.39	34.95	27.73	00.405	1478.3							
	OBS	00600	04.39	34.95	27.73		1478.3							
	STD	00700	04.19	34.94	27.74	00.449	1479.1							
	OBS	00700	04.19	34.94	27.74		1479.1							
	STD	00800	04.06	34.94	27.75	00.492	1480.3							
	OBS	00800	04.06	34.94	27.75		1480.3							

REFID 31 8280 YEAR 1971 BUOY 00295 AIR TEMP SURF DIR HGT PER WIND-DIR 12 INST STO RECORDER TEN SW 1306
 CONSEC 0007 MONTH 11 SHIP 06 MET MULP WET MULP CT-8 WIND-SPD 13 TRACE DIR 0 5 SQUARE 4
 LAT 47 00 N DAY 09 DATA USE 1 BAROMETR 1017.1 SEA WIND-FOR 00.2 2 SQUARE 66
 LONG 046 31 W HOUR 14.0 AREA 05 CLOUD T/A CL/TR WEATHER XJ GRIG 42 051 1 SQUARE 76

CASSTNM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNDPTH	SND VEL	CHYG	PJ4	TOT P	N02	N03	S103	PH
14.0	STD	00000	07.49	32.71	25.57	00.000	1478.0							
	OBS	00000	07.49	32.71	25.57		1478.0							
	STD	00010	07.48	32.71	25.57	00.024	1478.1							
	OBS	00010	07.48	32.71	25.57		1478.1							
	STD	00020	07.46	32.71	25.56	00.048	1478.2							
	OBS	00020	07.46	32.71	25.56		1478.2							
	STD	00030	04.60	33.21	26.32	00.064	1467.5							
	STD	00050	01.67	33.92	27.15	00.096	1456.1							
	OBS	00050	01.67	33.92	27.15		1456.1							
	STD	00075	03.22	34.29	27.32	00.117	1463.8							
	OBS	00075	03.22	34.29	27.32		1463.8							
	OBS	00085	03.65	34.42	27.38		1460.1							
	OBS	00090	03.37	34.36	27.36		1464.8							
	STD	00100	03.92	34.56	27.47	00.134	1467.6							
	OBS	00100	03.92	34.56	27.47		1467.6							
	OBS	00105	04.14	34.64	27.51		1468.7							
	STD	00110	04.04	34.62	27.50		1468.3							
	STD	00125	04.27	34.69	27.57	00.149	1469.6							
	OBS	00125	04.26	34.69	27.53		1469.6							
	OBS	00140	04.14	34.70	27.55		1469.3							
	STD	00150	04.12	34.76	27.60	00.163	1469.5							
	OBS	00150	04.12	34.76	27.60		1469.5							
	OBS	00175	04.32	34.90	27.61		1470.8							
	STD	00200	04.24	34.84	27.65	00.187	1471.2							
	OBS	00200	04.24	34.84	27.65		1471.2							
	OBS	00245	04.24	34.85	27.66		1471.9							
	STD	00450	04.28	34.85	27.66	00.211	1472.0							
	OBS	00270	04.25	34.86	27.67		1472.1							

TABLE VI.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC DALLAS, 9-10 November 1971, Prepared from NODC Listing No. 31-8280.—Continued

REFID 31 8280 YEAR 1971 BOTDP 00329 AIR TEMP UIR HGT PER WIND-DIR INST STO RECORDER TEN SQ 1306
 CONSEC 0008 MONTH 11 SHIP DG WET BULB WIND-SPD TRACE DIR 0 5 SQUARE 4
 LAT 47 00 N DAY 09 DATA USE 1 BAROMETR WIND-FUR DURATION 00.1 2 SQUARE 66
 LONG 046 10 W HOUR 16.1 AREA 05 CLOUD T/A SEA CL/TR WEATHER ORIG A2 051 1 SQUARE 76

CASSTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	SYNDEPTH	SND VEL	OXYG	PD4	TOT P	NO2	NO3	SI03	PH
16.1	STD	00000	07.09	32.74	25.65	00.000	1476.4							
	OBS	00000	07.09	32.74	25.65		1476.4							
	STD	00010	07.07	32.74	25.65	00.023	1476.6							
	OBS	00010	07.07	32.74	25.65		1476.6							
	STD	00020	06.54	32.89	25.84	00.046	1474.8							
	OBS	00020	06.54	32.89	25.84		1474.8							
	STD	00030	06.33	33.24	26.14	00.066	1474.6							
	OBS	00030	06.33	33.24	26.14		1474.6							
	STD	00050	04.57	33.31	26.40	00.102	1467.9							
	OBS	00050	04.57	33.31	26.40		1467.9							
	STD	00075	04.67	33.80	26.78	00.136	1469.3							
	OBS	00075	04.67	33.80	26.78		1469.3							
	STD	00100	05.47	34.15	26.97	00.168	1473.4							
	OBS	00100	05.47	34.15	26.97		1473.4							
	STD	00125	03.03	34.44	27.46	00.190	1464.0							
	OBS	00125	03.03	34.44	27.46		1464.0							
	STD	00150	03.87	34.62	27.52	00.205	1468.4							
	OBS	00150	03.87	34.62	27.52		1468.4							
	STD	00175	04.25	34.72	27.56		1470.4							
	OBS	00175	04.25	34.72	27.56		1470.4							
	STD	00200	04.48	34.78	27.58	00.233	1471.9							
	OBS	00200	04.48	34.78	27.58		1471.9							
	STD	00250	04.41	34.86	27.65	00.259	1472.5							
	OBS	00250	04.41	34.86	27.65		1472.5							
	STD	00275	04.31	34.85	27.66		1472.5							
	OBS	00275	04.31	34.85	27.66		1472.5							

REFID 31 8280 YEAR 1971 BOTDP 00292 AIR TEMP UIR HGT PER WIND-DIR INST STO RECORDER TEN SQ 1306
 CONSEC 0009 MONTH 11 SHIP DG WET BULB WIND-SPD TRACE DIR 0 5 SQUARE 4
 LAT 47 00 N DAY 09 DATA USE 1 BAROMETR WIND-FUR DURATION 00.2 2 SQUARE 64
 LONG 045 50 W HOUR 17.9 AREA 05 CLOUD T/A SEA CL/TR WEATHER ORIG A2 051 1 SQUARE 75

CASSTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	SYNDEPTH	SND VEL	OXYG	PD4	TOT P	NO2	NO3	SI03	PH
17.9	STD	00000	06.51	32.89	25.85	00.000	1474.3							
	OBS	00000	06.51	32.89	25.85		1474.3							
	STD	00010	06.51	32.90	25.85	00.022	1474.5							
	OBS	00010	06.51	32.90	25.85		1474.5							
	STD	00020	06.33	32.93	25.90	00.043	1474.0							
	OBS	00020	06.33	32.93	25.90		1474.0							
	STD	00030	05.07	33.10	26.19	00.063	1469.3							
	OBS	00030	05.07	33.10	26.19		1469.3							
	STD	00050	05.09	33.66	26.63	00.095	1473.4							
	OBS	00050	05.09	33.66	26.63		1473.4							
	STD	00075	05.87	34.02	26.82	00.127	1474.5							
	OBS	00075	05.87	34.02	26.82		1474.5							
	STD	00100	05.90	34.33	27.06	00.157	1475.4							
	OBS	00100	05.90	34.33	27.06		1475.4							
	STD	00125	02.93	34.46	27.48	00.174	1463.6							
	OBS	00125	02.93	34.46	27.48		1463.6							
	STD	00150	03.61	34.60	27.53	00.193	1467.1							
	OBS	00150	03.61	34.60	27.53		1467.1							
	STD	00175	04.07	34.71	27.57		1469.6							
	OBS	00175	04.07	34.71	27.57		1469.6							
	STD	00200	04.51	34.79	27.59	00.221	1472.0							
	OBS	00200	04.51	34.79	27.59		1472.0							
	STD	00245	04.47	34.83	27.62		1472.6							
	OBS	00245	04.47	34.83	27.62		1472.6							

TABLE VI.-- Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC DALLAS, 9-10 November 1971, Prepared from NODC Listing No. 31 8280.--Continued

REFID 31 8280 YEAR 1971 BOTOP 00302 AIR TEMP 04.9 DIP HGT PER WIND-DIR 17 INST STD RECORDER TEN SQ 1306
 CUNSEC 0010 MONTH 11 SHIP DG WET BULB 04.7 17 4 3 WIND-SPD 24 TRACE DIR 0 5 SQUARE 4
 LAT 47 20 N DAY 09 DATA USE 1 BAROMETR 1012.5 SEA WIND-FOR DURATION 00.1 2 SQUARE 64
 LONG 045 50 W HOUR 20.8 AREA 05 CLOUD T/A CL/TR WEATHER X+ URIG A2 051 1 SQUARE 75

CASINUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXYG	P34	TUT P	N02	N03	SI13	PH
20.8	STO	00000	06.43	32.95	25.90	00.000	1474.1							
	UBS	00000	06.43	32.95	25.90		1474.1							
	STO	00010	06.43	32.96	25.91	00.021	1474.3							
	UBS	00010	06.43	32.96	25.91		1474.3							
	STO	00020	06.43	32.96	25.91	00.042	1474.4							
	UBS	00020	06.43	32.96	25.91		1474.4							
	UBS	00025	06.34	32.96	25.92		1474.2							
	STO	00030	06.24	33.03	25.99	00.063	1473.9							
	UBS	00030	06.24	33.03	25.99		1473.9							
	STO	00050	06.05	33.62	26.96	00.094	1452.5							
	UBS	00050	06.05	33.62	26.96		1452.5							
	STO	00075	02.04	34.12	27.25	00.113	1456.5							
	UBS	00075	02.04	34.12	27.25		1456.5							
	UBS	00090	03.57	34.34	27.33		1465.0							
	STO	00100	03.04	34.28	27.33	00.137	1463.4							
	UBS	00100	03.04	34.28	27.33		1463.4							
	UBS	00110	02.74	34.24	27.32		1462.5							
	STO	00125	03.43	34.40	27.45	00.155	1466.0							
	UBS	00125	03.43	34.40	27.45		1466.0							
	UBS	00135	04.00	34.54	27.44		1466.5							
	UBS	00140	03.72	34.50	27.44		1467.3							
	UBS	00145	04.03	34.56	27.46		1468.8							
	STO	00150	03.83	34.54	27.46	00.171	1468.0							
	UBS	00150	03.83	34.54	27.46		1468.0							
	UBS	00175	04.48	34.72	27.53		1471.4							
	UBS	00185	04.38	34.69	27.52		1471.1							
	STO	00200	04.73	34.79	27.56	00.201	1472.9							
	UBS	00200	04.73	34.79	27.56		1472.9							
	STO	00250	04.50	34.81	27.60	00.228	1472.3							
	UBS	00250	04.50	34.81	27.60		1472.3							
	UBS	00275	04.47	34.84	27.63		1473.1							

REFID 31 8280 YEAR 1971 BOTOP 00375 AIR TEMP 04.9 DIP HGT PER WIND-DIR 17 INST STD RECORDER TEN SQ 1306
 CUNSEC 0011 MONTH 11 SHIP DG WET BULB 04.7 17 4 3 WIND-SPD 24 TRACE DIR 0 5 SQUARE 4
 LAT 47 40 N DAY 09 DATA USE 1 BAROMETR 1012.5 SEA WIND-FOR DURATION 00.2 2 SQUARE 64
 LONG 045 50 W HOUR 23.3 AREA 05 CLOUD T/A CL/TR WEATHER X+ URIG A2 051 1 SQUARE 75

CASINUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXYG	P34	TUT P	N02	N03	SI13	PH
23.3	STO	00000	06.56	32.90	25.85	00.000	1474.5							
	UBS	00000	06.56	32.90	25.85		1474.5							
	STO	00010	06.54	32.95	25.85	00.021	1474.7							
	UBS	00010	06.54	32.95	25.85		1474.7							
	STO	00020	06.34	33.19	25.10	00.042	1474.5							
	UBS	00020	06.36	33.19	26.10		1474.5							
	STO	00030	06.41	33.24	26.13	00.061	1474.9							
	UBS	00030	06.41	33.24	26.13		1474.9							
	STO	00050	05.85	33.44	26.36	00.094	1473.2							
	UBS	00050	05.85	33.44	26.36		1473.2							
	STO	00075	02.20	34.07	27.23	00.128	1459.1							
	UBS	00075	02.20	34.07	27.23		1459.1							
	STO	00100	02.21	34.37	27.47	00.146	1460.0							
	UBS	00100	02.21	34.37	27.47		1460.0							
	STO	00125	02.74	34.52	27.54	00.161	1463.1							
	UBS	00125	02.74	34.52	27.54		1463.1							
	STO	00150	04.27	34.79	27.61	00.175	1470.2							
	UBS	00150	04.27	34.79	27.61		1470.2							
	STO	00200	04.57	34.85	27.63	00.200	1472.3							
	UBS	00200	04.57	34.85	27.63		1472.3							
	STO	00250	04.55	34.89	27.66	00.224	1473.1							
	UBS	00250	04.55	34.89	27.66		1473.1							
	STO	00300	04.39	34.90	27.65	00.247	1473.3							
	UBS	00300	04.39	34.90	27.65		1473.3							
	UBS	00325	04.37	34.92	27.70		1473.7							

TABLE VI.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC DALLAS, 9–10 November 1971, Prepared from NODC Listing No. 31–8280.—Continued

REFID 31 8280 YEAR 1971 BOTOP 00914 AIR TEMP 10.3 DIR HGT PER WIND-DIR 12 INST STD RECORDER TEN SQ 1306
 CONSEC 0012 MONTH 11 SHIP 06 WET BULB 10.3 12 3 2 WIND-SPD 24 TRACE DIR 0 5 SQUARE 4
 LAT 48 03 N DAY 10 DATA USE 1 BAROMETR 1010.4 SEA WIND-FIX DURATION 00.2 2 SQUARE 84
 LONG 045 50 W HOUR 01.8 AREA C5 CLOUD T/A CL/TR WEATHER X9 GRIG AZ 051 1 SQUARE 85

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	UYDPTH	SND VEL	OXYG	PU4	TOT P	NO2	NO3	SI03	PH
01.8	STO	00000	06.77	33.46	26.26	00.300	1476.1							
	UBS	00000	06.77	33.46	26.26		1476.1							
	STO	00010	06.77	33.46	26.26	00.018	1476.3							
	UBS	00010	06.77	33.46	26.26		1476.3							
	STO	00020	06.77	33.46	26.26	00.035	1476.4							
	UBS	00020	06.77	33.46	26.26		1476.4							
	STO	00030	06.77	33.46	26.26	00.053	1476.6							
	UBS	00030	06.77	33.46	26.26		1476.6							
	STO	00050	02.18	34.18	27.32	00.079	1458.8							
	UBS	00050	02.18	34.18	27.32		1458.8							
	STO	00075	02.20	34.39	27.49	00.096	1459.5							
	UBS	00075	02.20	34.39	27.49		1459.5							
	STO	00100	02.75	34.49	27.52	00.111	1462.5							
	UBS	00100	02.75	34.49	27.52		1462.5							
	STO	00125	03.03	34.57	27.56	00.125	1464.2							
	UBS	00125	03.03	34.57	27.56		1464.2							
	STO	00150	03.35	34.65	27.59	00.138	1466.1							
	UBS	00150	03.35	34.65	27.59		1466.1							
	STO	00200	04.13	34.80	27.64	00.163	1470.4							
	UBS	00200	04.13	34.80	27.64		1470.4							
	STO	00250	04.23	34.84	27.66	00.187	1471.7							
	UBS	00250	04.23	34.84	27.66		1471.7							
	STO	00300	04.38	34.89	27.68	00.210	1473.2							
	UBS	00300	04.38	34.89	27.68		1473.2							
	STO	00400	04.42	34.92	27.70	00.255	1475.1							
	UBS	00400	04.42	34.92	27.70		1475.1							
	STO	00500	04.36	34.92	27.71	00.300	1476.5							
	UBS	00500	04.36	34.92	27.71		1476.5							
	STO	00600	04.23	34.92	27.72	00.345	1477.6							
	UBS	00600	04.23	34.92	27.72		1477.6							
	STO	00700	04.15	34.93	27.74	00.389	1479.0							
	UBS	00700	04.15	34.93	27.74		1479.0							
	STO	00800	04.04	34.92	27.74	00.433	1480.1							
	UBS	00800	04.04	34.92	27.74		1480.1							
	STO	00865	03.96	34.93	27.76		1480.9							
	UBS	00865	03.96	34.93	27.76		1480.9							

REFID 31 8280 YEAR 1971 BOTOP 01008 AIR TEMP WIND-DIR 12 INST STD RECORDER TEN SQ 1306
 CONSEC 0013 MONTH 11 SHIP 06 WET BULB DIR HGT PER WIND-SPD 24 TRACE DIR 0 5 SQUARE 4
 LAT 48 23 N DAY 10 DATA USE 1 BAROMETR SEA WIND-FIX DURATION 00.3 2 SQUARE 84
 LONG 045 50 W HOUR 04.2 AREA C5 CLOUD T/A CL/TR WEATHER WEA THER GRIG AZ 051 1 SQUARE 85

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	UYDPTH	SND VEL	OXYG	PU4	TOT P	NO2	NO3	SI03	PH
04.2	STO	00000	06.77	33.64	26.40	00.000	1476.4							
	UBS	00000	06.77	33.64	26.40		1476.4							
	STO	00010	06.77	33.64	26.40	00.016	1476.5							
	UBS	00010	06.77	33.64	26.40		1476.5							
	STO	00020	06.77	33.64	26.40	00.033	1476.7							
	UBS	00020	06.77	33.64	26.40		1476.7							
	STO	00030	06.76	33.64	26.40	00.049	1476.8							
	UBS	00030	06.76	33.64	26.40		1476.8							
	STO	00050	05.64	33.84	26.70	00.079	1472.9							
	UBS	00050	05.64	33.84	26.70		1472.9							
	STO	00075	03.61	34.43	27.39	00.105	1465.7							
	UBS	00075	03.61	34.43	27.39		1465.7							
	STO	00100	03.34	34.62	27.57	00.120	1465.2							
	UBS	00100	03.34	34.62	27.57		1465.2							
	STO	00125	03.56	34.73	27.64	00.133	1466.7							
	UBS	00125	03.56	34.73	27.64		1466.7							
	STO	00150	03.90	34.79	27.65	00.144	1468.6							
	UBS	00150	03.90	34.79	27.65		1468.6							
	STO	00200	03.94	34.82	27.67	00.167	1469.7							
	UBS	00200	03.94	34.82	27.67		1469.7							
	STO	00250	04.96	34.35	27.65	00.189	1470.6							
	UBS	00250	04.96	34.35	27.65		1470.6							
	STO	00300	04.92	34.86	27.70	00.211	1471.3							
	UBS	00300	04.92	34.86	27.70		1471.3							
	STO	00350	03.83	34.86	27.71	00.254	1472.6							
	UBS	00350	03.83	34.86	27.71		1472.6							
	STO	00400	03.79	34.97	27.73	00.297	1474.0							
	UBS	00400	03.79	34.97	27.73		1474.0							
	STO	00450	03.87	34.89	27.73	00.339	1476.1							
	UBS	00450	03.87	34.89	27.73		1476.1							
	STO	00500	03.92	34.91	27.74	00.382	1478.0							
	UBS	00500	03.92	34.91	27.74		1478.0							
	STO	00550	03.86	34.91	27.75	00.425	1479.4							
	UBS	00550	03.86	34.91	27.75		1479.4							
	STO	00600	03.76	34.91	27.76	00.468	1480.6							
	UBS	00600	03.76	34.91	27.76		1480.6							
	STO	00650	03.73	34.91	27.76		1481.3							
	UBS	00650	03.73	34.91	27.76		1481.3							

TABLE VI.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC DALLAS, 9-10 November 1971, Prepared from NODC Listing No. 31 8280.—Continued

REFID	31	B280	YEAR	1971	BOTOP	02377	AIR TEMP	10.7	DIR HGT	PLR	WIND-DIR	17	FAST STD	RECORDER	TEN SQ	1306	
CONSEC	0014	MUNTH	11	SHIP DG	05	WET BULB	10.3	SEA	17	3	4	WIND-SPO	25	TRAIL DIR	0	5 SQUARE	4
LAT	48 35 N	DAY	10	DATA USE	1	BAROMETER	1007.0	CLZTR	WEATHER	45	DURATION	00.2	2 SQUARE	84	1 SQUARE	85	
LONG	045 50 W	HOOR	07.0	AREA	05	CLOUD	17A										
CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	CHLOROPH	SND	VEL	ORYG	P14	TOT P	NO2	NO3	SI03	PH		
07.0	STD	00000	06.65	33.63	26.41	00.700	1475.9										
	UBS	00000	06.65	33.63	26.41		1475.9										
	STD	00010	06.65	33.64	26.42	00.015	1476.0										
	UBS	00010	06.65	33.64	26.42		1476.0										
	STD	00020	06.62	33.65	26.43	00.032	1476.1										
	UBS	00020	06.62	33.65	26.43		1476.1										
	STD	00030	06.57	33.66	26.44	00.043	1476.1										
	UBS	00030	06.57	33.66	26.44		1476.1										
	STD	00050	06.48	33.77	26.54	00.080	1476.2										
	UBS	00050	06.48	33.77	26.54		1476.2										
	STD	00075	04.87	34.04	26.95	00.112	1470.4										
	UBS	00075	04.87	34.04	26.95		1470.4										
	STD	00100	04.24	34.12	27.08	00.134	1468.5										
	UBS	00100	04.24	34.12	27.08		1468.5										
	STD	00125	04.42	34.27	27.13	00.164	1471.8										
	UBS	00125	04.42	34.27	27.13		1471.8										
	STD	00150	03.46	34.36	27.35	00.185	1466.2										
	UBS	00150	03.46	34.36	27.35		1466.2										
	STD	00175	03.39	34.39	27.38		1466.3										
	UBS	00175	03.39	34.39	27.38		1466.3										
	STD	00200	03.38	34.47	27.45	00.220	1466.3										
	UBS	00200	03.38	34.47	27.45		1466.8										
	STD	00250	03.34	34.56	27.52	00.251	1467.6										
	UBS	00250	03.34	34.56	27.52		1467.6										
	STD	00300	03.36	34.65	27.59	00.274	1468.6										
	UBS	00300	03.36	34.65	27.59		1468.6										
	STD	00350	03.34	34.70	27.63		1469.6										
	UBS	00350	03.34	34.70	27.63	00.324	1470.3										
	STD	00400	03.45	34.75	27.66		1470.8										
	UBS	00400	03.45	34.75	27.66		1470.8										
	STD	00450	03.52	34.80	27.70		1472.0										
	UBS	00450	03.52	34.80	27.70	00.374	1473.4										
	STD	00500	03.64	34.84	27.72		1473.4										
	UBS	00500	03.64	34.84	27.72		1473.4										
	STD	00600	03.93	34.89	27.73	00.417	1476.3										
	UBS	00600	03.93	34.89	27.73		1476.3										
	STD	00700	03.85	34.92	27.76	00.460	1477.7										
	UBS	00700	03.85	34.92	27.76		1477.7										
	STD	00800	03.71	34.93	27.78	00.500	1478.8										
	UBS	00800	03.71	34.93	27.78		1478.8										
	STD	00900	03.55	34.93	27.80	00.540	1479.8										
	UBS	00900	03.55	34.93	27.80		1479.8										
	STD	01000	03.44	34.93	27.81	00.578	1481.0										
	UBS	01000	03.44	34.93	27.81		1481.0										
	STD	01100	03.34	34.94	27.82	00.616	1482.4										
	UBS	01100	03.34	34.94	27.82		1482.4										

TABLE VII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SHERMAN, 20-22 March 1972, Prepared from NODC Listing No. 31-2030.

REF ID: 31 2030 YEAR 1972 HUTOP 00135 AIR TEMP 00.8 OIR HGT PER WIND-DIR 20 INST NANSEN CAST TEN SQ 1306
 CURSEC 0001 MONTH 03 SHIP 1H WET BULB 00.0 20 3 2 WIND-SPD 10 TRACE DIR 5 SQUARE 4
 LAT 46 59.5N DAY 20 DATA USE 1 BAROMETR 1010.5 SEA WIND-FOR DURATION 2 SQUARE 68
 LONG 046 00.5W HOUR 23.7 AREA 05 CLOUD T/A X/Y CL/TR WEATHER X4 ORIG A2 052 1 SQUARE 68

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	SI03	PH
	STD	00000	- 1.48	32.91	26.50	00.000	1439.5							
23.7	OBS	00000	- 1.48	32.909	26.50		1439.5							
	STD	00010	- 1.50	32.93	26.51	00.015	1439.6							
	STD	00020	- 1.54	32.95	26.53	00.031	1439.6							
23.7	OBS	00025	- 1.57	32.965	26.54		1439.6							
	STD	00030	- 1.63	32.98	26.56	00.046	1439.4							
23.7	OBS	00040	- 1.76	33.021	26.55		1439.1							
	STD	00050	- 1.76	33.02	26.59	00.075	1439.1							
23.7	OBS	00074	- 1.75	33.026	26.60		1439.6							
	STD	00075	- 1.75	33.03	26.60	00.111	1439.6							
23.7	OBS	00098	- 1.71	33.064	26.63		1440.2							
	STD	00100	- 1.66	33.09	26.64	00.147	1440.5							
23.7	OBS	00108	- 1.38	33.202	26.73		1442.2							

REF ID: 31 2030 YEAR 1972 HUTOP 00175 AIR TEMP 00.5 OIR HGT PER WIND-DIR 22 INST NANSEN CAST TEN SQ 1306
 CURSEC 0002 MONTH 03 SHIP 1H WET BULB 00.0 21 3 2 WIND-SPD 12 TRACE DIR 5 SQUARE 4
 LAT 47 00 N DAY 21 DATA USE 1 BAROMETR 1010.5 SEA WIND-FOR DURATION 2 SQUARE 66
 LONG 047 43 W HOUR 03.4 AREA 05 CLOUD T/A X/Y CL/TR WEATHER X4 ORIG A2 052 1 SQUARE 77

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	SI03	PH
	STD	00000	- 1.54	32.86	26.46	00.000	1439.1							
03.4	OBS	00000	- 1.54	32.858	26.46		1439.1							
	STD	00010	- 1.65	32.96	26.54	00.015	1438.9							
	STD	00020	- 1.73	33.03	26.60	00.030	1438.8							
03.4	OBS	00025	- 1.75	33.060	26.62		1438.8							
	STD	00030	- 1.75	33.07	26.63	00.044	1439.0							
	STD	00050	- 1.73	33.09	26.65	00.073	1439.4							
03.4	OBS	00050	- 1.73	33.087	26.65		1439.4							
03.4	OBS	00074	- 1.72	33.089	26.65		1439.3							
	STD	00075	- 1.72	33.09	26.65	00.108	1439.9							
03.4	OBS	00095	- 1.67	33.115	26.67		1440.4							
	STD	00100	- 1.69	33.12	26.67	00.142	1440.5							
	STD	00125	- 1.56	33.27	26.75	00.175	1441.7							
03.4	OBS	00149	- 1.36	33.535	27.00		1443.4							

REF ID: 31 2030 YEAR 1972 HUTOP 00220 AIR TEMP 00.3 OIR HGT PER WIND-DIR 25 INST NANSEN CAST TEN SQ 1306
 CURSEC 0003 MONTH 03 SHIP 1H WET BULB 00.0 21 3 2 WIND-SPD 07 TRACE DIR 5 SQUARE 4
 LAT 47 00 N DAY 21 DATA USE 1 BAROMETR 1010.4 SEA WIND-FOR DURATION 2 SQUARE 66
 LONG 047 20 W HOUR 05.0 AREA 05 CLOUD T/A X/Y CL/TR WEATHER X4 ORIG A2 052 1 SQUARE 77

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	SI03	PH
	STD	00000	- 1.63	32.87	26.47	00.100	1438.7							
05.0	OBS	00000	- 1.63	32.872	26.47		1438.7							
	STD	00010	- 1.72	32.96	26.54	00.015	1438.6							
	STD	00020	- 1.77	33.02	26.59	00.030	1438.6							
05.0	OBS	00025	- 1.78	33.033	26.60		1438.6							
	STD	00030	- 1.77	33.03	26.60	00.045	1438.8							
05.0	OBS	00047	- 1.75	33.039	26.61		1439.2							
	STD	00050	- 1.71	33.06	26.63	00.073	1439.5							
05.0	OBS	00073	- 1.52	33.193	26.73		1440.9							
	STD	00075	- 1.51	33.20	26.73	00.107	1441.0							
05.0	OBS	00094	- 1.49	33.246	26.77		1441.5							
	STD	00100	- 1.48	33.25	26.77	00.140	1441.6							
	STD	00125	- 1.46	33.31	26.82	00.171	1442.2							
05.0	OBS	00149	- 1.44	33.355	26.86		1442.6							
	STD	0015	- 1.34	33.49	26.94	00.201	1443.3							
05.0	OBS	00183	- 0.76	33.944	26.95		1446.8							

TABLE VII.—Observed and Interpolated Oceanographic Data from Stations Occupied by FSCGC SHERMAN, 20-22 March 1972, Prepared from NODC Listing No. 31-2030.—Continued

REFID	31	2030	YEAR	1972	HOTOP	00530	AIR TEMP	03.4	DIP	HGT	PER	WIND-DIR	05	INST	NANSEN	CAST	TEN SQ	1306	
CUNSEC	0004		MONTH	03	SHIP	1H	WET BULB	02.6	22	3	2	WIND-SPD	09	TRACE	DIR		5	SQUARE	4
LAT	47 00 N		DAY	21	DATA	USE	1	BAROMETR	1009.6	SEA		WIND-FRK		DURATION			2	SQUARE	66
LONG	047 14.5W		HOOR	09.3	AREA	05		CELOD T/A	7/6	CL/TK		WEATHER	X2	ORIG	A2 U52		1	SQUARE	77

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	UXYG	PC4	TOT P	NO2	NO3	SI03	PH
09.3	STD	00000	- 1.60	32.95	25.45	00.000	1438.8							
	UBS	00000	- 1.60	32.955	25.45		1438.9							
	STD	00010	- 1.64	32.90	25.45	00.016	1438.9							
	STD	00020	- 1.66	32.97	25.55	00.031	1439.1							
09.3	UBS	00021		32.981										
	STD	00030	- 1.68	33.10	25.65	00.045	1439.3							
09.3	UBS	00042	- 1.68	33.197	25.73		1439.6							
	STD	00050	- 1.66	33.21	25.74	00.072	1439.9							
09.3	UBS	00063	- 1.65	33.227	25.76		1440.2							
	STD	00075	- 1.69	33.25	25.77	00.105	1440.2							
09.3	UBS	00085	- 1.73	33.282	25.80		1440.2							
	STD	00100	- 0.93	33.41	25.85	00.135	1444.5							
	STD	00125	- 0.03	33.59	25.99	00.163	1449.3							
09.3	UBS	00127	00.02	33.600	27.00		1449.5							
	STD	00150	00.07	33.71	27.08	00.189	1450.3							
09.3	UBS	T00174	00.13	33.776	27.13		1451.1							

REFID	31	2030	YEAR	1972	HOTOP	01047	AIR TEMP	-00.3	DIP	HGT	PER	WIND-DIR	04	INST	NANSEN	CAST	TEN SQ	1306	
CUNSEC	0005		MONTH	03	SHIP	1H	WET BULB	-00.3	19	2	4	WIND-SPD	09	TRACE	DIR		5	SQUARE	4
LAT	47 00 N		DAY	21	DATA	USE	1	BAROMETR	1009.5	SEA		WIND-FRK		DURATION			2	SQUARE	66
LONG	047 06 W		HOOR	15.4	AREA	05		CELOD T/A	5/8	CL/TK		WEATHER	X5	ORIG	A2 U52		1	SQUARE	77

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	UXYG	PC4	TOT P	NO2	NO3	SI03	PH
15.4	STD	00000	- 1.43	32.92	25.51	00.000	1439.7							
	UBS	00000	- 1.43	32.924	25.51		1439.7							
	STD	00010	- 1.53	33.10	25.65	00.015	1439.7							
	STD	00020	- 1.60	33.23	25.76	00.023	1439.7							
15.4	UBS	00024		33.265										
	STD	00030	- 1.64	33.28	25.80	00.041	1439.7							
15.4	UBS	00046	- 1.67	33.330	25.94		1439.9							
	STD	00050	- 1.67	33.35	25.86	00.065	1440.0							
15.4	UBS	00069	- 1.60	33.432	25.92		1440.8							
	STD	00075	- 1.57	33.44	25.93	00.095	1441.0							
15.4	UBS	00092	- 1.39	33.444	25.97		1442.3							
	STD	00100	- 1.17	33.56	27.01	00.122	1443.5							
	STD	00125	- 0.47	33.75	27.14	00.147	1447.4							
15.4	UBS	00136	- 0.17	33.826	27.19		1449.1							
	STD	00150	00.25	33.94	27.26	00.163	1451.4							
15.4	UBS	00184	01.16	34.172	27.39		1456.4							
	STD	00200	01.49	34.23	27.42	00.206	1458.3							
	STD	00250	02.41	34.41	27.49	00.238	1463.4							
15.4	UBS	00269	02.71	34.470	27.51		1465.1							
	STD	00300	03.15	34.57	27.55	00.268	1467.6							
15.4	UBS	T00349	03.67	34.700	27.60		1470.5							
	STD	00400	03.93	34.74	27.64	00.321	1472.4							
15.4	UBS	00432	04.03	34.821	27.66		1473.9							
	STD	00500	04.08	34.85	27.68	00.369	1475.2							
15.4	UBS	T00507	04.08	34.851	27.68		1475.4							
	STD	00600	04.37	34.87	27.70	00.416	1476.9							
15.4	UBS	T00645	04.06	34.871	27.70		1477.6							

TABLE VII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SHERMAN, 20-22 March 1972, Prepared from NODC Listing No. 31-2030.—Continued

REFID	31	2030	YEAR	1972	BOTOP	00915	AIR TEMP	00.0	DIR HGT	PER	WIND-DIR	03	INST	NANSEN	CAST	TEN SQ	1306		
CONSEC		0006	MONTH	03	SHIP	1H	WET BULB	00.0	18	2	4	WIND-SPD	21	TRACE	DIR	5	SQUARE	4	
LAT	46	58.5N	DAY	21	DATA	USE	1	BAROMETR	1009.9	SEA	WIND-FUR		DURATION			2	SQUARE	66	
LONG	046	44 W	HOUR	19.7	AREA	US		CLOUD	T/A	5/8	CL/TR	WEATHER	X5	DRG	AZ	052	1	SQUARE	66

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	OXYG	P34	TOT P	N02	N03	S103	PH
	STO	00000	- 0.64	33.44	26.90	00.000	1444.2							
19.7	OBS	00000	- 0.64	33.439	26.90		1444.2							
	STO	00010	- 0.67	33.50	26.95	00.011	1444.6							
	STO	00020	- 0.56	33.56	26.95	00.022	1445.0							
19.7	OBS	00028	- 0.53	33.606	27.03		1445.4							
	STO	00030	- 0.51	33.62	27.04	00.033	1445.5							
	STO	00050	- 0.19	33.72	27.11	00.053	1447.5							
19.7	OBS	00051	- 0.17	33.726	27.11		1447.6							
	STO	00075	00.43	33.80	27.13	00.077	1450.8							
19.7	OBS	00078	00.53	33.812	27.14		1451.3							
	STO	00100	01.40	33.96	27.20	00.099	1455.8							
19.7	OBS	00101	01.43	33.961	27.20		1456.0							
	STO	00125	01.60	34.06	27.27	00.121	1457.3							
	STO	00150	01.97	34.18	27.34	00.140	1459.5							
19.7	OBS	00150	01.97	34.184	27.34		1459.5							
19.7	OBS	T00199	03.28	34.481	27.47		1466.4							
	STO	00200	03.30	34.49	27.47	00.175	1466.5							
	STO	00250	03.93	34.68	27.56	00.200	1470.3							
19.7	OBS	00294	04.29	34.505	27.62		1472.7							
	STO	00300	04.31	34.51	27.63	00.231	1472.9							
19.7	OBS	T00387	04.44	34.904	27.58		1474.9							
	STO	00400	04.39	34.90	27.69	00.279	1474.9							
19.7	OBS	00479	04.18	34.902	27.71		1475.4							
	STO	00500	04.15	34.91	27.72	00.324	1475.7							
19.7	OBS	00571	04.18	34.922	27.73		1476.9							
	STO	00600	04.17	34.92	27.73	00.366	1477.4							
	STO	00700	04.00	34.91	27.73	00.412	1478.7							
19.7	OBS	T00740	04.00	34.912	27.73		1479.1							

REFID	31	2030	YEAR	1972	BOTOP	00603	AIR TEMP	-01.0	DIR HGT	PER	WIND-DIR	04	INST	NANSEN	CAST	TEN SQ	1306		
CONSEC		0007	MONTH	03	SHIP	1H	WET BULB	-01.2	18	3	3	WIND-SPD	15	TRACE	DIR	5	SQUARE	4	
LAT	47	00 N	DAY	21	DATA	USE	1	BAROMETR	1010.0	SEA	WIND-FUR		DURATION			2	SQUARE	66	
LONG	046	31 W	HOUR	22.9	AREA	US		CLOUD	T/A	5/8	CL/TR	WEATHER	X5	DRG	AZ	052	1	SQUARE	66

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	OXYG	P34	TOT P	N02	N03	S103	PH
	STO	00000	- 0.27	33.61	27.02	00.000	1446.1							
22.9	OBS	00000	- 0.27	33.610	27.02		1446.1							
	STO	00010	- 0.27	33.61	27.02	00.010	1446.3							
	STO	00020	- 0.26	33.62	27.03	00.021	1446.5							
22.9	OBS	00024	- 0.25	33.629	27.03		1446.6							
	STO	00030	- 0.24	33.65	27.05	00.031	1446.8							
22.9	OBS	00043	- 0.20	33.679	27.07		1447.3							
	STO	00050	- 0.16	33.68	27.07	00.051	1447.6							
22.9	OBS	00066	- 0.03	33.714	27.09		1448.5							
	STO	00075	00.09	33.75	27.12	00.076	1449.2							
22.9	OBS	00085	00.16	33.793	27.15		1449.8							
	STO	00100	00.14	33.83	27.18	00.099	1450.0							
	STO	00125	00.10	33.93	27.26	00.120	1450.3							
22.9	OBS	00127	00.10	33.945	27.27		1450.4							
	STO	00150	00.67	34.10	27.36	00.140	1453.6							
22.9	OBS	T00169	01.19	34.221	27.43		1456.4							
	STO	00200	02.57	34.44	27.50	00.173	1463.3							
	STO	00250	04.10	34.70	27.56	00.202	1471.0							
22.9	OBS	00257	04.24	34.730	27.57		1471.7							
	STO	00300	04.47	34.84	27.63	00.224	1473.5							
22.9	OBS	00347	04.56	34.912	27.68		1474.8							
	STO	00400	04.46	34.91	27.69	00.277	1475.3							
22.9	OBS	T00442	04.24	34.908	27.71		1475.0							

TABLE VII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SHERMAN, 20-22 March 1972, Prepared from NODC Listing No. 31-2030.—Continued

REFID 31 2030 YEAR 1972 BOTOP 00310 AIR TEMP 00.8 DIR HGT PER WIND-DIR 03 INST VANSEI CAST TEN SQ 1306
 COMSEC 0008 MONTH 03 SHIP 1H WET BULB 00.1 DIR 5 3 WIND-SPD 27 TRACE DIR 5 SQUARE 4
 LAT 47 03 N DAY 22 DATA USE 1 BAROMETR 1007.0 SEA WIND-FUR DURATION 2 SQUARE 66
 LONG 046 11 W HOUR 00.9 AREA 05 CLOUD T/A 776 CL/TR WEATHER XS ORIG AZ 052 1 SQUARE 76

CASNUM/TIME	LEVEL	DEPTH	TEMP	SAL	SI,MA-T	DYNPTH	SND VEL	XYG	P14	TOT P	NO2	NO3	SI03	PH
	STD	00000	03.95	34.11	27.11	00.000	1465.5							
00.9	085	00000	03.95	34.115	27.11		1465.5							
	STD	00010	03.95	34.12	27.11	00.010	1465.6							
	STD	00020	03.96	34.13	27.12	00.017	1465.6							
	STD	00030	03.96	34.13	27.12	00.029	1466.0							
00.9	085	00030	03.96	34.132	27.12		1466.0							
	STD	00050	03.27	34.11	27.17	00.047	1463.4							
00.9	085	00050	03.12	34.101	27.18		1462.5							
	STD	00075	02.55	34.10	27.19	00.070	1462.4							
00.9	085	00075	02.76	34.092	27.20		1461.7							
	STD	00100	02.33	34.05	27.21	00.092	1460.3							
00.9	085	00100	02.25	34.052	27.22		1459.9							
	STD	00125	03.07	34.17	27.24	00.114	1463.9							
	STD	00150	04.31	34.36	27.27	00.135	1469.8							
00.9	085	00150	04.87	34.476	27.30		1472.6							
	STD	00200	04.77	34.61	27.41	00.173	1472.9							
00.9	085	T00225	04.72	34.670	27.47		1473.1							

REFID 31 2030 YEAR 1972 BOTOP 00310 AIR TEMP 02.9 DIR HGT PER WIND-DIR 03 INST VANSEI CAST TEN SQ 1306
 COMSEC 0009 MONTH 03 SHIP 1H WET BULB 02.7 DIR 5 3 WIND-SPD 25 TRACE DIR 5 SQUARE 4
 LAT 47 00 N DAY 22 DATA USE 1 BAROMETR 1017.0 SEA WIND-FUR DURATION 2 SQUARE 64
 LONG 045 50 W HOUR 02.8 AREA 05 CLOUD T/A 776 CL/TR WEATHER XS ORIG AZ 052 1 SQUARE 75

CASNUM/TIME	LEVEL	DEPTH	TEMP	SAL	SI,MA-T	DYNPTH	SND VEL	XYG	P14	TOT P	NO2	NO3	SI03	PH
	STD	00000		33.99										
02.8	085	00000		33.990										
	STD	00010		34.00										
	STD	00020		34.01										
02.8	085	00020	03.04	34.020	27.12		1461.9							
	STD	00030	03.03	34.02	27.12		1461.9							
	STD	00050	02.74	34.05	27.17		1461.0							
02.8	085	00050	02.70	34.055	27.18		1460.9							
	STD	00075	02.39	34.04	27.19		1459.9							
	STD	00100	02.04	34.02	27.21		1459.0							
02.8	085	00100	01.96	34.018	27.21		1458.5							
	STD	00125	02.67	34.17	27.28		1462.1							
	STD	00150	03.49	34.37	27.36		1466.3							
02.8	085	00150	03.78	34.445	27.39		1467.3							
	STD	00200	04.35	34.77	27.53		1473.4							
02.8	085	T00214	05.03	34.826	27.56		1474.4							
	STD	00250	05.00	34.84	27.57		1474.9							
02.8	085	T00253	04.97	34.838	27.57		1474.8							

REFID 31 2030 YEAR 1972 BOTOP 00310 AIR TEMP 01.2 DIR HGT PER WIND-DIR 03 INST VANSEI CAST TEN SQ 1306
 COMSEC 0010 MONTH 03 SHIP 1H WET BULB 01.0 DIR 5 3 WIND-SPD 24 TRACE DIR 5 SQUARE 4
 LAT 47 25 N DAY 22 DATA USE 1 BAROMETR 1006.4 SEA WIND-FUR DURATION 2 SQUARE 64
 LONG 045 50 W HOUR 05.3 AREA 05 CLOUD T/A 776 CL/TR WEATHER XS ORIG AZ 052 1 SQUARE 75

CASNUM/TIME	LEVEL	DEPTH	TEMP	SAL	SI,MA-T	DYNPTH	SND VEL	XYG	P14	TOT P	NO2	NO3	SI03	PH
	STD	00000	03.74	34.08	27.10	00.000	1464.5							
05.3	085	00000	03.74	34.077	27.10		1464.5							
	STD	00010	03.74	34.08	27.11	00.010	1464.7							
	STD	00020	03.75	34.09	27.11	00.015	1464.7							
05.3	085	00020	03.75	34.093	27.11		1465.0							
	STD	00030	03.79	34.11	27.12	00.027	1465.3							
05.3	085	00030	03.93	34.169	27.15		1466.2							
	STD	00050	03.93	34.17	27.16	00.043	1466.3							
	STD	00075	03.97	34.18	27.16	00.071	1466.7							
05.3	085	00075	03.99	34.182	27.16		1466.9							
05.3	085	00098		34.218										
	STD	00100	04.30	34.22	27.16	00.094	1466.7							
	STD	00125	04.60	34.28	27.17	00.117	1470.5							
05.3	085	00147	04.87	34.320	27.17		1472.0							
	STD	00150	04.76	34.32	27.19	00.140	1471.6							
05.3	085	T00198	03.83	34.397	27.35		1468.6							
	STD	00200	03.86	34.40	27.35	00.161	1468.7							
	STD	00250	04.53	34.71	27.52	00.215	1472.4							
05.3	085	T00258	04.64	34.777	27.56		1473.5							

TABLE VII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SHERMAN, 20-22 March 1972, Prepared from NODC Listing No. 31-2030.—Continued

STATION 31 2030 YEAR 1972 BUOY 0384 AIR TEMP 01.3 DIR HGT PER WIND-DIR 02 INST NANSEN CAST TEN SQ 1306
 OBS 0011 MONTH 03 SHIP LH MET BULB 00.9 02 3 3 WIND-SPD 27 TRACE DIR 5 SQUARE 4
 LAT 47 41.74 DAY 22 DATA USE 1 BAROMETR 1006.3 SEA WIND-FUR 0URATION 2 SQUARE 64
 LONG 045 50 W HOUR 09.4 AREA 05 CLOUD T/A 778 CL/TR WEATHER X5 CRIG AZ 052 1 SQUARE 75

CASSTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SNO VEL	UXYG	PJ4	TOT P	NO2	NO3	SIG3	PH
	ST0	00000	02.56	33.83	27.01	00.000	1459.1							
07.4	085	00000	02.56	33.826	27.01		1459.1							
	ST0	00010	02.69	33.91	27.06	00.010	1460.0							
	ST0	00020	02.84	33.98	27.10	00.020	1460.7							
09.4	085	00029	02.58	34.024	27.13		1461.7							
	ST0	00030	03.00	34.33	27.13	00.030	1461.8							
	ST0	00050	03.37	34.09	27.15	00.047	1463.8							
09.4	085	00054	03.42	34.096	27.15		1464.1							
	ST0	00075	03.46	34.10	27.15	00.072	1464.6							
09.4	085	00083	03.44	34.103	27.15		1464.8							
	ST0	00100	02.54	34.13	27.26	00.094	1461.1							
09.4	085	00104	02.34	34.169	27.30		1460.4							
	ST0	00125	03.56	34.40	27.37	00.113	1466.3							
	ST0	00150	04.78	34.64	27.44	00.131	1472.1							
09.4	085	00162	05.12	34.722	27.46		1473.8							
	ST0	00200	04.77	34.74	27.52	00.162	1473.0							
09.4	085	00216	04.67	34.750	27.54		1472.9							
	ST0	00250	04.67	34.78	27.56	00.191	1473.5							
	ST0	00300	04.68	34.84	27.61	00.217	1474.4							
09.4	085	00325	04.63	34.885	27.69		1474.9							

STATION 31 2030 YEAR 1972 BUOY 03704 AIR TEMP 01.3 DIR HGT PER WIND-DIR 01 INST NANSEN CAST TEN SQ 1306
 OBS 0012 MONTH 03 SHIP LH MET BULB 01.0 15 4 3 WIND-SPD 17 TRACE DIR 5 SQUARE 4
 LAT 47 03 N DAY 22 DATA USE 1 BAROMETR 1006.3 SEA WIND-FUR 0URATION 2 SQUARE 84
 LONG 045 50 W HOUR 12.8 AREA 05 CLOUD T/A 578 CL/TR WEATHER X5 CRIG AZ 052 1 SQUARE 85

CASSTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SNO VEL	UXYG	PJ4	TOT P	NO2	NO3	SIG3	PH
	ST0	00000	- 0.42	33.68	27.08	00.000	1445.5							
12.8	085	00000	- 0.42	33.682	27.08		1445.5							
	ST0	00010	- 0.25	33.81	27.18	00.009	1446.7							
	ST0	00020	- 0.07	33.91	27.25	00.019	1447.8							
12.8	085	00027	00.05	33.973	27.30		1448.5							
	ST0	00030	00.11	33.99	27.31	00.026	1448.9							
	ST0	00050	00.45	34.09	27.37	00.041	1450.9							
12.8	085	00050	00.45	34.086	27.37		1450.9							
	ST0	00075	00.64	34.15	27.41	00.059	1452.3							
12.8	085	00077	00.69	34.159	27.41		1452.5							
12.8	085	00099	01.59	34.278	27.45		1457.1							
	ST0	00100	01.65	34.27	27.45	00.075	1457.4							
	ST0	00125	02.90	34.48	27.50	00.091	1463.5							
12.8	085	00149	03.75	34.637	27.54		1467.8							
	ST0	00150	03.77	34.64	27.55	00.105	1467.9							
12.8	085	00199	04.34	34.835	27.63		1471.5							
	ST0	00200	04.34	34.84	27.64	00.131	1471.5							
	ST0	00250	04.21	34.94	27.66	00.155	1471.7							
	ST0	00300	04.15	34.86	27.68	00.178	1472.2							
12.8	085	00300	04.15	34.857	27.68		1472.2							
	ST0	00400	04.35	34.90	27.69	00.224	1474.8							
12.8	085	00403	04.35	34.903	27.69		1474.8							
	ST0	00500	04.22	34.91	27.71	00.268	1475.9							
12.8	085	00507	04.21	34.913	27.72		1476.0							
	ST0	00600	04.17	34.92	27.73	00.312	1477.2							
12.8	085	00603	04.17	34.918	27.73		1477.2							

TABLE VII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SHERMAN, 20-22 March 1972, Prepared from NODC Listing No. 31-2030. Continued

REFID 31 2030 YEAR 1972 BOTOP 00950 AIR TEMP 00.9 DIR HGT PER WIND-DIR 35 INST NANSEN CAST TEN SQ 1306
 CONSEC 0013 MONTH 03 SHIP 1H WET BULB 00.9 17 4 3 WIND-SPO 22 TRACE DIR 5 SQUARE 4
 LAT 48 20.8N DAY 22 DATA USE 1 BAROMETR 1007.0 SEA WIND-FUR 00RATION 2 SQUARE 84
 LONG 045 50 W HOUR 15.4 AREA 05 CLOUD T/A 7/8 CL/TR WEATHER X5 ORIG A2 052 1 SQUARE 85

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SNO VEL	OXYG	P34	TOT P	NO2	NO3	SI03	PH
	ST0	00000	- 0.75	33.72	27.13	00.000	1444.0							
15.4	085	00000	- 0.75	33.717	27.13		1444.0							
	ST0	00010	- 0.75	33.72	27.13	00.009	1444.2							
	ST0	00020	- 0.76	33.72	27.13	00.019	1444.4							
15.4	085	00026	- 0.76	33.727	27.13		1444.4							
	ST0	00030	- 0.75	33.75	27.15	00.028	1444.6							
15.4	085	00048	- 0.73	33.847	27.23		1445.1							
	ST0	00050	- 0.65	33.86	27.24	00.046	1445.5							
15.4	085	00074	00.29	34.053	27.35		1450.5							
	ST0	00075	00.33	34.06	27.35	00.065	1450.7							
15.4	085	00096	01.11	34.238	27.45		1454.8							
	ST0	00100	01.21	34.26	27.46	00.083	1455.4							
	ST0	00125	01.82	34.37	27.50	00.098	1458.7							
15.4	085	00144	02.28	34.458	27.54		1461.1							
	ST0	00150	02.46	34.49	27.55	00.112	1462.0							
15.4	085	00193	03.46	34.680	27.61		1467.3							
	ST0	00200	03.53	34.70	27.62	00.139	1467.7							
	ST0	00250	03.91	34.80	27.66	00.163	1470.3							
15.4	085	00290	04.09	34.850	27.68		1471.8							
	ST0	00300	04.09	34.85	27.68	00.186	1472.0							
15.4	085	00389	04.08	34.874	27.70		1473.4							
	ST0	00400	04.08	34.88	27.70	00.231	1473.6							
15.4	085	00488	04.08	34.883	27.71		1475.1							
	ST0	00500	04.07	34.88	27.71	00.275	1475.3							
15.4	085	00588	04.04	34.883	27.71		1476.6							
	ST0	00600	04.04	34.88	27.71	00.320	1476.8							
	ST0	00700	04.01	34.90	27.73	00.365	1478.3							
15.4	085	00794	04.00	34.907	27.73		1479.9							
	ST0	00800	04.00	34.91	27.73	00.410	1480.0							
15.4	085	00808	04.00	34.908	27.73		1480.1							

REFID 31 2030 YEAR 1972 BOTOP 01372 AIR TEMP 00.5 DIR HGT PER WIND-DIR 35 INST NANSEN CAST TEN SQ 1306
 CONSEC 0014 MONTH 03 SHIP 1H WET BULB 00.9 17 3 4 WIND-SPO 27 TRACE DIR 5 SQUARE 4
 LAT 48 35 N DAY 22 DATA USE 1 BAROMETR 1006.0 SEA WIND-FUR 00RATION 2 SQUARE 84
 LONG 045 50 W HOUR 18.9 AREA 05 CLOUD T/A 7/8 CL/TR WEATHER X5 ORIG A2 052 1 SQUARE 85

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SNO VEL	OXYG	P34	TOT P	NO2	NO3	SI03	PH
	ST0	00000	- 0.48	33.73	27.13	00.000	1445.3							
18.9	085	00000	- 0.48	33.730	27.13		1445.3							
	ST0	00010	- 0.03	33.74	27.11	00.010	1447.6							
	ST0	00020	00.33	33.75	27.10	00.019	1449.4							
18.9	085	00027	00.52	33.767	27.11		1450.4							
	ST0	00030	00.60	33.77	27.10	00.029	1450.9							
18.9	085	00049	00.64	33.844	27.15		1452.3							
	ST0	00050	00.78	33.86	27.16	00.049	1452.1							
	ST0	00075	00.32	34.16	27.43	00.067	1450.8							
18.9	085	00075	00.32	34.155	27.43		1450.8							
18.9	085	00097	01.50											
	ST0	00100	01.56	34.28	27.45	00.084	1451.0							
	ST0	00125	02.03	34.39	27.50	00.099	1454.6							
18.9	085	00145	02.40											
	ST0	00150	02.50	34.49	27.54	00.114	1462.2							
18.9	085	00192	03.25	34.628	27.55		1466.3							
	ST0	00200	03.36	34.65	27.60	00.141	1467.0							
	ST0	00250	03.90	34.78	27.64	00.166	1470.3							
18.9	085	00268	04.15	34.843	27.67		1472.0							
	ST0	00300	04.14	34.85	27.67	00.189	1472.2							
18.9	085	00386	04.11	34.869	27.65		1473.5							
	ST0	00400	04.10	34.87	27.65	00.235	1473.7							
18.9	085	00489	04.08	34.877	27.70		1475.1							
	ST0	00500	04.03	34.88	27.70	00.280	1475.3							
18.9	085	00594	04.04	34.889	27.71		1476.5							

TABLE VIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SHERMAN, 5-7 August 1972. Prepared from NODC Listing No. 31-8311.

REFID 31 8311 YEAR 1972 BOTDP 00135 AIR TEMP 12.1 DIR FWT PER WIND-DIR 27 INST STD RECORDER TEN SQ 1306
 CONSEC 0001 MONTH 08 SHIP 1H WET BULB 11.0 WIND-SPD 02 TRACE DIR 0 5 SQUARE 4
 LAT 47 00 N DAY 05 DATA USE 1 BAROMETR 1010.9 SEA WIND-FUR DURATION 00.0 2 SQUARE 66
 LONG 049 00 W HOUR 19.1 AREA 05 CLOUD T/A CL/TR WEATHER Xs DRIG A2 055 1 SQUARE 78

CASSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYN DPTH	SND VEL	XYG	P14	TOT P	N02	N03	SI03	PH
19.1	STD	00000	08.31	31.52	24.52	00.000	1477.25							
	0BS	00000	08.31	31.52	24.52		1477.25							
	STD	00010	07.89	31.50	24.57	00.034	1477.29							
	0BS	00010	07.89	31.50	24.57		1477.29							
	STD	00020	- 0.83	32.95	26.51	00.059	1442.29							
	0BS	00020	- 0.83	32.95	26.51		1442.29							
	STD	00030	- 1.57	33.05	26.61	00.073	1439.29							
	0BS	00030	- 1.57	33.05	26.61		1439.29							
	STD	00050	- 1.71	33.11	26.66	00.101	1439.25							
	0BS	00050	- 1.71	33.11	26.66		1439.25							
	STD	00075	- 1.71	33.15	26.70	00.136	1440.20							
	0BS	00075	- 1.71	33.15	26.70		1440.20							
	STD	00100	- 1.72	33.17	26.71	00.169	1440.29							
	0BS	00100	- 1.72	33.17	26.71		1440.29							
	STD	00105	- 1.71	33.21	26.74		1440.20							

REFID 31 8311 YEAR 1972 BOTDP 00174 AIR TEMP 12.1 DIR FWT PER WIND-DIR 27 INST STD RECORDER TEN SQ 1306
 CONSEC 0002 MONTH 08 SHIP 1H WET BULB 11.0 WIND-SPD 02 TRACE DIR 0 5 SQUARE 4
 LAT 47 00 N DAY 05 DATA USE 1 BAROMETR 1010.9 SEA WIND-FUR DURATION 00.0 2 SQUARE 66
 LONG 047 44 W HOUR 21.3 AREA 05 CLOUD T/A CL/TR WEATHER Xs DRIG A2 055 1 SQUARE 77

CASSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYN DPTH	SND VEL	XYG	P14	TOT P	N02	N03	SI03	PH
21.3	STD	00000	08.36	31.50	24.50	00.000	1477.28							
	0BS	00000	08.36	31.50	24.50		1477.28							
	STD	00010	07.78	31.40	24.50	00.034	1477.26							
	0BS	00010	07.78	31.40	24.50		1477.26							
	STD	00020	- 0.52	32.95	26.50	00.059	1442.29							
	0BS	00020	- 0.52	32.95	26.50		1442.29							
	STD	00030	- 1.50	33.07	26.63	00.074	1440.21							
	0BS	00030	- 1.50	33.07	26.63		1440.21							
	STD	00035	- 1.63	33.09	26.65		1439.26							
	0BS	00035	- 1.63	33.09	26.65		1439.26							
	STD	00050	- 1.69	33.11	26.66	00.102	1439.26							
	0BS	00050	- 1.69	33.11	26.66		1439.26							
	STD	00075	- 1.70	33.17	26.71	00.136	1440.21							
	0BS	00075	- 1.70	33.17	26.71		1440.21							
	STD	00100	- 1.63	33.26	26.78	00.169	1440.29							
	0BS	00100	- 1.63	33.26	26.78		1440.29							
	STD	00125	- 1.48	33.42	26.91	00.199	1442.23							
	0BS	00125	- 1.48	33.42	26.91		1442.23							
	STD	00128	- 1.47	33.44	26.92		1442.29							

REFID 31 8311 YEAR 1972 BOTDP 00210 AIR TEMP 09.7 DIR FWT PER WIND-DIR 27 INST STD RECORDER TEN SQ 1306
 CONSEC 0003 MONTH 08 SHIP 1H WET BULB 09.5 WIND-SPD 02 TRACE DIR 0 5 SQUARE 4
 LAT 47 00 N DAY 05 DATA USE 1 BAROMETR 1011.5 SEA WIND-FUR DURATION 00.2 2 SQUARE 66
 LONG 047 30 W HOUR 23.3 AREA 05 CLOUD T/A CL/TR WEATHER Xs DRIG A2 055 1 SQUARE 77

CASSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYN DPTH	SND VEL	XYG	P14	TOT P	N02	N03	SI03	PH
23.0	STD	00000	06.84	31.59	24.78	00.000	1474.21							
	0BS	00000	06.84	31.59	24.78		1474.21							
	STD	00010	05.49	31.64	24.98	00.031	1468.27							
	0BS	00010	05.49	31.64	24.98		1468.27							
	STD	00020	- 1.12	32.99	26.55	00.053	1441.26							
	0BS	00020	- 1.12	32.99	26.55		1441.26							
	STD	00030	- 1.56	33.10	26.65	00.068	1439.29							
	0BS	00030	- 1.56	33.10	26.65		1439.29							
	STD	00038	- 1.64	33.13	26.66		1440.25							
	0BS	00038	- 1.64	33.13	26.66		1440.25							
	STD	00050	- 1.63	33.18	26.72	00.095	1439.28							
	0BS	00050	- 1.63	33.18	26.72		1439.28							
	STD	00075	- 1.50	33.30	26.81	00.127	1441.22							
	0BS	00075	- 1.50	33.30	26.81		1441.22							
	STD	00100	- 1.38	33.44	26.95	00.156	1442.24							
	0BS	00100	- 1.38	33.44	26.95		1442.24							
	STD	00125	- 0.80	33.69	27.11	00.187	1445.28							
	0BS	00125	- 0.80	33.69	27.11		1445.28							
	STD	00150	- 0.51	33.77	27.16	00.206	1447.27							
	0BS	00150	- 0.51	33.77	27.16		1447.27							
	STD	00165	- 0.51	33.81	27.15		1446.20							
	0BS	00165	- 0.51	33.81	27.15		1446.20							
	STD	00183	- 0.24	33.91	27.26		1449.27							

TABLE VIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SHERMAN, 5-7 August 1972, Prepared from NODC Listing No. 31 8311—Continued

REFID 31 8311 YEAR 1972 BUTOP 00384 AIR TEMP 07.7 DIR FGT PER WIND-DIR 25 INST STD RECORDER TEN SQ 1306
 CONSEC 0004 MONTH 08 SHIP 1H WET BULB 09.0 WIND-SPO 05 TRACE DIR 0 5 SQUARE 4
 LAT 47 00 N DAY 06 DATA USE 1 BAROMETR 1012.0 SEA WIND-FIR DURATION 00.1 2 SQUARE 66
 LONG 047 14 W HOUR 01.9 AREA US CLOUD T/A CL/TR WEATHER X4 ORIG A2 G55 1 SQUARE 77

CASINUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SI03	PH
	STD	00000	06.37	31.72	24.94	00.000	1472.2							
01.9	0BS	00000	06.37	31.72	24.94		1472.2							
	STD	00010	06.34	31.71	24.94	00.030	1472.3							
	0BS	00010	06.34	31.71	24.94		1472.3							
	STD	00020	06.13	31.69	25.45	00.058	1445.9							
	0BS	00020	06.13	31.69	25.45		1445.9							
	STD	00030	- 1.36	33.36	26.86	00.077	1441.2							
	0BS	00030	- 1.36	33.36	26.86		1441.2							
	STD	00050	- 1.13	33.60	27.04	00.099	1442.9							
	0BS	00050	- 1.13	33.60	27.04		1442.9							
	STD	00075	- 0.84	33.77	27.17	00.123	1446.9							
	0BS	00075	- 0.84	33.77	27.17		1446.9							
	STD	00100	- 0.62	33.90	27.27	00.144	1446.6							
	0BS	00100	- 0.62	33.90	27.27		1446.6							
	STD	00125	- 0.14	33.98	27.31	00.164	1449.1							
	0BS	00125	- 0.14	33.98	27.31		1449.1							
	STD	00150	00.57	34.15	27.41	00.182	1453.2							
	0BS	00150	00.57	34.15	27.41		1453.2							
	STD	00200	01.87	34.43	27.55	00.213	1460.2							
	0BS	00200	01.87	34.43	27.55		1460.2							
	STD	00250	02.92	34.61	27.60	00.240	1465.8							
	0BS	00250	02.92	34.61	27.60		1465.8							
	STD	00270	03.10	34.63	27.60		1467.0							
	0BS	00270	03.10	34.63	27.60		1467.0							
	STD	00285	02.76	34.60	27.61		1465.7							
	0BS	00285	02.76	34.60	27.61		1465.7							
	STD	00300	02.42	34.62	27.61	00.265	1466.7							
	0BS	00300	02.42	34.62	27.61		1466.7							
	STD	00316	03.04	34.64	27.62		1467.5							
	0BS	00316	03.04	34.64	27.62		1467.5							

REFID 31 8311 YEAR 1972 BUTOP 01116 AIR TEMP 08.5 DIR FGT PER WIND-DIR 25 INST STD RECORDER TEN SQ 1306
 CONSEC 0005 MONTH 08 SHIP 1H WET BULB 08.1 WIND-SPO 04 TRACE DIR 0 5 SQUARE 4
 LAT 47 01 N DAY 06 DATA USE 1 BAROMETR 1011.8 SEA WIND-FIR DURATION 00.3 2 SQUARE 66
 LONG 047 03 W HOUR 03.9 AREA US CLOUD T/A CL/TR WEATHER X1 ORIG A2 G55 1 SQUARE 77

CASINUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SI03	PH
	STD	00000	06.77	31.70	24.88	00.000	1473.8							
03.9	0BS	00000	06.77	31.70	24.88		1473.8							
	STD	00010	06.48	32.39	25.46	00.028	1473.7							
	0BS	00010	06.48	32.39	25.46		1473.7							
	STD	00020	00.00	33.48	26.90	00.047	1447.5							
	0BS	00020	00.00	33.48	26.90		1447.5							
	STD	00030	- 0.58	33.65	27.06	00.057	1445.2							
	0BS	00030	- 0.58	33.65	27.06		1445.2							
	STD	00050	- 0.55	33.84	27.22	00.076	1446.0							
	0BS	00050	- 0.55	33.84	27.22		1446.0							
	STD	00075	- 0.37	34.02	27.35	00.096	1447.5							
	0BS	00075	- 0.37	34.02	27.35		1447.5							
	STD	00100	00.33	34.13	27.41	00.114	1451.2							
	0BS	00100	00.33	34.13	27.41		1451.2							
	STD	00125	01.09	34.24	27.45	00.130	1455.2							
	0BS	00125	01.09	34.24	27.45		1455.2							
	STD	00150	01.91	34.43	27.54	00.145	1459.6							
	0BS	00150	01.91	34.43	27.54		1459.6							
	STD	00200	02.55	34.58	27.61	00.171	1463.4							
	0BS	00200	02.55	34.58	27.61		1463.4							
	STD	00250	03.27	34.73	27.67	00.195	1467.5							
	0BS	00250	03.27	34.73	27.67		1467.5							
	STD	00282	03.50	34.75	27.66		1469.1							
	0BS	00282	03.50	34.75	27.66		1469.1							
	STD	00300	03.44	34.79	27.70	00.219	1469.1							
	0BS	00300	03.44	34.79	27.70		1469.1							
	STD	00318	03.65	34.81	27.69		1473.4							
	0BS	00318	03.65	34.81	27.69		1473.4							
	STD	00400	03.87	34.87	27.72	00.260	1472.7							
	0BS	00400	03.87	34.87	27.72		1472.7							
	STD	00500	03.79	34.87	27.73	00.303	1474.0							
	0BS	00500	03.79	34.87	27.73		1474.0							
	STD	00600	03.72	34.88	27.74	00.345	1475.4							
	0BS	00600	03.72	34.88	27.74		1475.4							
	STD	00700	03.73	34.89	27.75	00.387	1477.1							
	0BS	00700	03.73	34.89	27.75		1477.1							
	STD	00710	03.85	34.91	27.75		1477.8							
	0BS	00710	03.85	34.91	27.75		1477.8							
	STD	00800	03.87	34.93	27.77	00.429	1479.4							
	0BS	00800	03.87	34.93	27.77		1479.4							
	STD	00900	03.75	34.91	27.76	00.471	1480.6							
	0BS	00900	03.75	34.91	27.76		1480.6							
	STD	01000	03.66	34.90	27.76	00.514	1481.4							
	0BS	01000	03.66	34.90	27.76		1481.4							
	STD	01032	03.78	34.92	27.77		1482.4							
	0BS	01032	03.78	34.92	27.77		1482.4							
	STD	01050	03.71	34.91	27.77		1482.9							
	0BS	01050	03.71	34.91	27.77		1482.9							

TABLE VIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SHERMAN, 5-7 August 1972, Prepared from NODC Listing No. 31-8311.—Continued

REFID 31 8311 YEAR 1972 BUOY 00512 AIR TEMP 09.0 DIR HGT PER WIND-DIR 27 INST NANSEN CAST TEN SQ 1306
 CONSEC 0006 MONTH 08 SHIP LH WET BULB 08.3 20 2 3 WIND-SPO 15 TRACE DIR 5 SQUARE 4
 LAT 46 59 N DAY 06 DATA USE 1 BAROMETR 1013.2 SEA WIND-FJR DURATION 2 SQUARE 66
 LONG 046 31.5W HOUR 10.1 AREA 05 CLOUD T/A 075 CL/TR WEATHER XI ORIG A2 055 1 SQUARE 66

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	OXYG	P34	TOT P	NU2	NU3	SIG3	PH
	STU	00000	07.94	32.48	25.33	00.000	1479.4							
10.1	UBS	00000	07.94	32.485	25.33		1479.4							
	STU	00010	06.15	32.85	25.86	00.024	1473.0							
	STU	00020	04.64	33.15	26.28	00.049	1467.4							
	STU	00030	03.42	33.40	26.60	00.060	1462.7							
10.1	UBS	00035	02.92	33.507	26.72		1460.3							
	STU	00050	01.85	33.67	26.94	00.085	1456.6							
10.1	UBS	00064	01.42	33.824	27.09		1455.1							
	STU	00075	01.98	33.96	27.16	00.111	1454.0							
10.1	UBS	00094	02.73	34.176	27.27		1461.9							
	STU	00100	02.73	34.18	27.28	00.132	1462.0							
	STU	00125	02.70	34.30	27.37	00.152	1462.7							
10.1	UBS	00124	02.76	34.313	27.38		1462.8							
	STU	00150	02.73	34.36	27.42	00.165	1463.2							
10.1	UBS	00194	02.61	34.496	27.52		1464.3							
	STU	00200	02.90	34.53	27.53	00.201	1465.1							
	STU	00250	03.55	34.74	27.60	00.228	1470.4							
10.1	UBS	00254	04.04	34.767	27.61		1471.2							
	STU	00300	04.44	34.85	27.64	00.253	1473.4							
10.1	UBS	00384	04.67	34.945	27.65		1476.1							
	STU	00400	04.67	34.94	27.65	00.301	1476.2							
10.1	UBS	100674	04.24	34.909	27.71		1475.6							

REFID 31 8311 YEAR 1972 BUOY 00300 AIR TEMP 09.7 DIR HGT PER WIND-DIR 27 INST NANSEN CAST TEN SQ 1306
 CONSEC 0007 MONTH 04 SHIP LH WET BULB 09.1 22 2 2 WIND-SPO 15 TRACE DIR 5 SQUARE 4
 LAT 47 00 N DAY 06 DATA USE 1 BAROMETR 1015.0 SEA WIND-FJR DURATION 2 SQUARE 66
 LONG 046 11 W HOUR 12.5 AREA 05 CLOUD T/A 074 CL/TR WEATHER XI ORIG A2 055 1 SQUARE 76

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	OXYG	P34	TOT P	NU2	NU3	SIG3	PH
	STU	00000	07.95	32.67	25.47	00.000	1479.7							
12.5	UBS	00000	07.95	32.666	25.47		1479.7							
	STU	00010	07.62	32.73	25.57	00.025	1478.7							
	STU	00020	07.24	32.79	25.66	00.049	1477.6							
12.5	UBS	00025	07.12	32.818	25.71		1477.1							
	STU	00030	06.13	33.11	26.06	00.070	1473.6							
12.5	UBS	00044	02.95	33.791	26.96		1461.1							
	STU	00050	02.65	33.78	26.97	00.101	1460.3							
12.5	UBS	00074	- 0.36	33.693	27.09		1447.0							
	STU	00075	- 0.35	33.70	27.09	00.127	1447.1							
12.5	UBS	00093	- 0.17	33.809	27.17		1448.5							
	STU	00100	- 0.03	33.83	27.19	00.150	1444.9							
	STU	00125	00.90	34.03	27.25	00.171	1454.1							
12.5	UBS	00148	01.61	34.183	27.37		1457.4							
	STU	00150	01.63	34.19	27.37	00.190	1458.0							
	STU	00200	02.48	34.41	27.44	00.223	1462.4							
12.5	UBS	100202	02.53	34.423	27.44		1463.1							
12.5	UBS	100246	03.97	34.710	27.58		1470.4							

REFID 31 8311 YEAR 1972 BUOY 00283 AIR TEMP 09.7 DIR HGT PER WIND-DIR 25 INST NANSEN CAST TEN SQ 1306
 CONSEC 0008 MONTH 08 SHIP LH WET BULB 09.1 25 2 2 WIND-SPO 12 TRACE DIR 5 SQUARE 4
 LAT 47 01 N DAY 06 DATA USE 1 BAROMETR 1016.1 SEA WIND-FJR DURATION 2 SQUARE 64
 LONG 045 54 W HOUR 13.8 AREA 05 CLOUD T/A 172 CL/TR WEATHER XI ORIG A2 055 1 SQUARE 75

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	OXYG	P34	TOT P	NU2	NU3	SIG3	PH
	STU	00000	08.16	32.31	25.17	00.000	1480.0							
13.8	UBS	00000	08.16	32.314	25.17		1480.0							
	STU	00010	08.05	32.50	25.33	00.027	1480.0							
	STU	00020	07.43	32.75	25.61	00.053	1478.1							
13.8	UBS	00024	07.04	32.869	25.76		1476.8							
	STU	00030	05.65	33.17	26.17	00.074	1471.7							
13.8	UBS	00049	02.74	33.824	26.99		1460.7							
	STU	00050	02.71	33.83	27.00	00.103	1460.6							
13.8	UBS	00073	02.29	33.986	27.16		1459.5							
	STU	00075	02.27	33.99	27.17	00.128	1459.5							
13.8	UBS	00098	02.18	34.100	27.26		1459.4							
	STU	00100	02.22	34.11	27.27	00.149	1459.6							
	STU	00125	02.64	34.29	27.37	00.167	1462.1							
13.8	UBS	00147	02.99	34.417	27.44		1464.2							
	STU	00150	03.04	34.43	27.45	00.186	1464.5							
	STU	00200	03.75	34.65	27.55	00.210	1468.6							
13.8	UBS	100201	03.76	34.650	27.55		1468.7							
	STU	00250	04.23	34.81	27.63	00.242	1471.7							
13.8	UBS	00254	04.26	34.824	27.64		1471.7							

TABLE VIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SHERMAN, 57 August 1972, Prepared from NODC Listing No. 31-8311.—Continued

REFID 31 8311 YEAR 1972 BOTOP 02275 AIR TEMP 16.6 DIP HGT PER WIND-DIR 28 INST STD RECORDER TEN SQ 1306
 CONSEC 0009 MONTH 08 SHIP 1H MET BULB 02.9 28 3 3 WIND-SPD 14 TRACE DIR 0 5 SQUARE 4
 LAT 47 20 N DAY 06 DATA USE 1 BAROMETR 1016.2 SEA WIND-FUK DURATION 00.1 2 SQUARE 64
 LONG 045 50 W HOUR 15.8 AREA 05 CLOUD T/A CL/TR WEATHER XI ORIG A2 055 1 SQUARE 75

CASIDNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	SYN DPTH	SND VEL	OXYG	PJ4	TOT P	NJ2	NJ3	SI03	PH
	STD	00000	07.21	32.28	25.27	00.000	1476.3							
15.8	085	00000	07.21	32.28	25.27		1476.3							
	STD	00010	07.09	32.25	25.27	00.027	1476.0							
	085	00010	07.09	32.25	25.27		1476.0							
	STD	00020	05.95	32.76	25.81	00.052	1472.2							
	085	00020	05.95	32.76	25.81		1472.2							
	STD	00030	02.55	33.65	25.87	00.069	1459.3							
	085	00030	02.55	33.65	25.87		1459.3							
	085	00032	02.74	33.69	26.88		1460.4							
	085	00035	02.36	33.70	26.92		1458.7							
	085	00036	02.60	33.76	26.95		1459.8							
	085	00040	02.38	33.73	26.95		1458.8							
	085	00045	02.44	33.75	26.96		1459.2							
	STD	00050	01.20	33.63	26.95	00.092	1453.7							
	085	00050	01.20	33.63	26.95		1453.7							
	085	00059	00.19	33.64	27.32		1449.2							
	085	00065	02.08	33.97	27.16		1458.3							
	STD	00075	02.44	34.01	27.16	00.117	1460.3							
	085	00075	02.44	34.01	27.16		1460.3							
	085	00080	02.50	34.01	27.16		1460.4							
	STD	00100	02.17	34.06	27.23	00.139	1459.4							
	085	00100	02.17	34.06	27.23		1459.4							
	085	00120	02.74	34.21	27.30		1462.4							
	STD	00125	02.52	34.24	27.34	00.159	1461.6							
	085	00125	02.52	34.24	27.34		1461.6							
	085	00128	02.46	34.28	27.38		1461.4							
	STD	00150	02.94	34.42	27.45	00.177	1464.0							
	085	00150	02.94	34.42	27.45		1464.0							
	085	00164	03.33	34.47	27.45		1460.0							
	085	00172	02.63	34.43	27.45		1463.1							
	STD	00200	04.25	34.71	27.55	00.207	1470.3							
	085	00200	04.25	34.71	27.55		1470.3							
	085	00205	04.40	34.76	27.57		1471.6							

REFID 31 8311 YEAR 1972 BOTOP 00326 AIR TEMP 09.4 DIP HGT PER WIND-DIR 25 INST NANSEN CAST TEN SQ 1306
 CONSEC 0010 MONTH 08 SHIP 1H MET BULB 08.6 30 5 3 WIND-SPD 15 TRACE DIR WIND-FUK DURATION 00.1 2 SQUARE 64
 LAT 47 39 N DAY 06 DATA USE 1 BAROMETR 1016.2 SEA WIND-FUK DURATION 00.1 2 SQUARE 64
 LONG 045 50 W HOUR 18.8 AREA 05 CLOUD T/A 0/2 CL/TR WEATHER XI ORIG A2 055 1 SQUARE 75

CASIDNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	SYN DPTH	SND VEL	OXYG	PJ4	TOT P	NJ2	NJ3	SI03	PH
	STD	00000	07.79	32.25	25.17	00.000	1478.5							
18.8	085	00000	07.79	32.251	25.17		1478.5							
	STD	00010	02.95	32.68	26.07	00.024	1459.4							
	STD	00020	- 0.39	33.30	26.53	00.041	1445.0							
18.8	085	00025	- 1.51	33.120	26.67		1440.1							
	STD	00030	- 1.51	33.15	26.65	00.055	1440.2							
	STD	00050	- 1.51	33.28	26.80	00.082	1440.7							
18.8	085	00050	- 1.51	33.280	26.80		1440.7							
	STD	00075	- 1.14	33.50	26.96	00.111	1443.2							
18.8	085	00075	- 1.14	33.494	26.96		1443.2							
	STD	00100	- 0.28	33.76	27.14	00.136	1447.9							
18.8	085	00100	- 0.28	33.760	27.14		1447.9							
	STD	00125	00.28	33.95	27.26	00.158	1451.2							
	STD	00150	01.05	34.13	27.37	00.177	1455.3							
18.8	085	00150	01.05	34.133	27.37		1455.3							
	STD	00200	03.29	34.50	27.48	00.211	1466.5							
18.8	085	T00205	03.46	34.528	27.49		1467.3							
	STD	00250	04.47	34.79	27.55	00.240	1472.7							
18.8	085	T00270	04.64	34.885	27.65		1473.8							

TABLE VIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SHERMAN, 5-7 August 1972, Prepared from NODC Listing No. 31-8311.—Continued

REFID 31 8311	YEAR 1972	BOTOP 06563	AIR TEMP 07.8	DIR FGT PER	WIND-DIR 32	INST STO RECORDER	TEN SQ 1306
CONSEC 0011	MONTH 08	SHIP LH	WET BULB 07.8	J2 2 2	WIND-SPO 11	TRACE DIR 0	5 SQUARE 4
LAT 48 00 N	DAY 07	DATA USE 1	BARUMETH 1010.9	SEA	WIND-FLR	DURATION 00.2	2 SQUARE 84
LONG 045 50 W	HOOR 01.4	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	DRIG A2 055	1 SQUARE 85

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	JAYG	P34	TUT P	NO2	NO3	SI03	PH
01.4	STO	00000	07.31	32.23	25.22	00.000	1476.8							
	OBS	00000	07.31	32.23	25.22		1476.6							
	STO	00010	06.91	32.18	25.23	00.028	1475.2							
	OBS	00010	06.91	32.18	25.23		1475.2							
	OBS	00016	03.93	32.45	25.75		1463.4							
	STO	00020	02.13	32.38	25.89	00.052	1455.6							
	OBS	00020	02.13	32.38	25.89		1455.6							
	OBS	00022	00.57	32.79	26.32		1449.2							
	OBS	00025	- 0.70	33.09	26.62		1443.8							
	STO	00030	- 1.40	33.15	26.65	00.067	1440.7							
	OBS	00030	- 1.40	33.15	26.65		1440.7							
	STO	00050	- 1.62	33.23	26.76	00.096	1440.1							
	OBS	00050	- 1.62	33.23	26.76		1440.1							
	OBS	00061	- 1.57	33.31	26.82		1440.6							
	STO	00075	- 1.38	33.46	26.94	00.126	1442.0							
	OBS	00075	- 1.38	33.46	26.94		1442.0							
	STO	00100	- 0.54	33.74	27.14	00.152	1446.7							
	OBS	00100	- 0.54	33.74	27.14		1446.7							
	STO	00125	- 0.13	33.90	27.25	00.174	1449.2							
	OBS	00125	- 0.13	33.90	27.25		1449.2							
	OBS	00144	- 0.00	33.96	27.25		1450.0							
	OBS	00145	- 0.05	34.07	27.38		1450.2							
	STO	00150	00.54	34.11	27.38	00.193	1453.0							
	OBS	00150	00.54	34.11	27.38		1453.0							
	OBS	00157	01.06	34.14	27.37		1455.5							
	OBS	00170	01.26	34.15	27.37		1456.6							
	OBS	00174	01.73	34.24	27.41		1458.9							
	OBS	00185	02.10	34.29	27.42		1460.8							
	OBS	00193	01.53	34.24	27.42		1458.3							
	STO	00200	01.59	34.25	27.42	00.227	1458.7							
	OBS	00200	01.59	34.25	27.42		1458.7							
	OBS	00221	02.47	34.49	27.55		1463.3							
	STO	00250	03.81	34.70	27.59	00.257	1469.8							
	OBS	00250	03.81	34.70	27.59		1469.8							
	OBS	00276	04.00	34.75	27.61		1471.1							
	STO	00300	03.82	34.72	27.60	00.264	1470.7							
	OBS	00300	03.82	34.72	27.60		1470.7							
	OBS	00313	03.33	34.70	27.64		1468.8							
	OBS	00340	03.79	34.81	27.68		1471.3							
	OBS	00350	03.86	34.83	27.69		1471.8							
	OBS	00380	03.83	34.83	27.69		1472.2							
	STO	00400	03.96	34.85	27.69	00.332	1473.1							
	OBS	00400	03.96	34.85	27.69		1473.1							
	STO	00500	03.84	34.86	27.71	00.377	1474.2							
	OBS	00500	03.84	34.86	27.71		1474.2							
	OBS	00508	03.84	34.86	27.71		1474.4							

TABLE VIII.— Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SHERMAN, 5-7 August 1972, Prepared from NODC Listing No. 31-8311.— Continued

REFID 31 8311	YEAR 1972	BUTOP 00970	AIR TEMP 07.4	DIR MGT PER	WIND-DIR 29	INST STO RECDKOR	TEN SO 1306
CDNSEC UJ12	MONTH 08	SHIP 1H	WET BULB 07.3	29 2 2	WIND-SPD 06	TRACE DIR 0	5 SQUARE 4
LAT 48 20 N	DAY 07	DATA USE 1	BAROMETR 1019.0	SEA	WIND-FRQ	DURATION 00.2	2 SQUARE 84
LONG 045 50 W	HOOR 04.9	AREA 05	CLOUD T/A	CL/TR	WEATHER A4	ORIG A2 055	1 SQUARE 85

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	JXYG	PJ4	TOT P	NO2	NO3	SI03	PH
04.9	STO	00000	07.75	32.36	25.26	00.000	1478.5							
	UBS	00000	07.75	32.36	25.26		1478.5							
	STO	00010	07.84	32.90	25.67	00.025	1479.7							
	UBS	00010	07.84											
	STO	00020	08.52	33.33	25.91	00.047	1483.1							
	UBS	00020	08.52											
	STO	00030	08.57	33.66	26.16	00.067	1483.8							
	UBS	00030	08.57											
	UBS	00044	08.36	31.95	26.42		1483.7							
	STO	00050	08.39	34.01	26.46	00.102	1483.9							
	UBS	00050	08.39	34.01	26.46		1483.9							
	STO	00075	09.39	34.32	26.54	00.141	1488.5							
	UBS	00075	09.39	34.32	26.54		1488.5							
	STO	00100	02.38	34.45	27.52	00.167	1460.8							
	UBS	00100	02.38	34.45	27.52		1460.8							
	UBS	00110	02.20	34.51	27.59		1460.3							
	STO	00125	02.29	34.53	27.59	00.180	1460.9							
	UBS	00125	02.29	34.53	27.59		1460.9							
	STO	00150	02.85	34.62	27.62	00.193	1463.9							
	UBS	00150	02.85	34.62	27.62		1463.9							
	STO	00200	03.12	34.70	27.66	00.217	1466.0							
	UBS	00200	03.12	34.70	27.66		1466.0							
	STO	00250	03.54	34.79	27.69	00.239	1468.7							
	UBS	00250	03.54	34.79	27.69		1468.7							
	STO	00300	03.62	34.82	27.70	00.261	1470.0							
	UBS	00300	03.62	34.82	27.70		1470.0							
	UBS	00370	04.03	34.89	27.72		1472.9							
	STO	00400	03.96	34.88	27.72	00.304	1473.1							
	UBS	00400	03.96	34.88	27.72		1473.1							
	UBS	00450	03.91	34.87	27.71		1473.7							
	STO	00500	03.99	34.89	27.72	00.347	1474.9							
	UBS	00500	03.99	34.89	27.72		1474.9							
	STO	00600	03.99	34.90	27.73	00.390	1476.6							
	UBS	00600	03.99	34.90	27.73		1476.6							
	UBS	00655	03.72	34.86	27.73		1476.3							
	STO	00700	03.68	34.87	27.74	00.433	1476.9							
	UBS	00700	03.68	34.87	27.74		1476.9							
	STO	00800	03.70	34.88	27.74	00.476	1478.7							
	UBS	00800	03.70	34.88	27.74		1478.7							
	STO	00900	03.81	34.92	27.76	00.519	1480.6							
	UBS	00900	03.81	34.92	27.76		1480.6							
	UBS	00904	03.80	34.92	27.76		1480.9							

TABLE VIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SHERMAN, 5-7 August 1972, Prepared from NODC Listing No. 31-8311.—Continued

REFID 31 8311	YEAR 1972	80TOP 01134	AIR TEMP 07.5	OIR HGT PER	WIND-OIR 23	INST STO RECORDER	TEN SQ 1306
CONSEC 0013	MONTH 08	SHIP LH	WET BULB 07.2	29 2 2	WIND-SPD 06	TRACE OIR 0	5 SQUARE 4
LAT 48 35 N	DAY 07	DATA USE 1	BAROMETR 1020.0	SEA	WIND-FOR	DURATION 00.3	2 SQUARE 84
LONG 045 50 W	HOOR 07.2	AREA 05	CLOUD T/A	CL/TM	WEATHER X4	ORIG A2 055	1 SQUARE 85

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	OXYG	PJ4	TOT P	NO2	NO3	SI03	PN
07.2	STO	00000	09.70	33.79	26.08	00.000	1487.7							
	085	00000	09.70	33.79	26.08		1487.7							
	STO	00010	09.69	33.80	26.09	00.019	1487.9							
	085	00010	09.69	33.80	26.09		1487.9							
	STO	00020	06.11	34.03	26.79	00.035	1474.6							
	STO	00030	03.74	34.20	27.20	00.046	1465.2							
	085	00030	03.74	34.20	27.20		1465.2							
	STO	00050	02.60	34.38	27.45	00.061	1460.9							
	085	00050	02.60	34.38	27.45		1460.9							
	STO	00075	02.36	34.46	27.53	00.077	1460.3							
	085	00075	02.36	34.46	27.53		1460.3							
	STO	00100	02.71	34.58	27.60	00.090	1462.4							
	085	00100	02.71	34.58	27.60		1462.4							
	STO	00125	03.18	34.70	27.65	00.102	1465.0							
	085	00125	03.18	34.70	27.65		1465.0							
	085	00141	03.46	34.73	27.65		1466.5							
	STO	00150	03.46	34.73	27.65	00.114	1466.7							
	085	00150	03.46	34.73	27.65		1466.7							
	STO	00200	03.71	34.82	27.69	00.136	1468.7							
	085	00200	03.71	34.82	27.69		1468.7							
	STO	00250	03.76	34.84	27.71	00.157	1469.7							
	085	00250	03.76	34.84	27.71		1469.7							
	STO	00300	03.80	34.85	27.71	00.178	1470.8							
	085	00300	03.80	34.85	27.71		1470.8							
	STO	00400	03.76	34.87	27.73	00.220	1472.3							
	085	00400	03.76	34.87	27.73		1472.3							
	STO	00500	03.68	34.87	27.74	00.261	1473.6							
	085	00500	03.68	34.87	27.74		1473.6							
	085	00544	03.71	34.88	27.74		1474.5							
	STO	00600	03.58	34.86	27.74	00.303	1474.8							
085	00600	03.58	34.85	27.74		1474.8								
STO	00700	03.55	34.87	27.75	00.345	1476.3								
085	00700	03.55	34.87	27.75		1476.3								
STO	00800	03.53	34.87	27.75	00.387	1477.9								
085	00800	03.53	34.87	27.75		1477.9								
STO	00900	03.53	34.88	27.76	00.429	1479.6								
085	00900	03.53	34.88	27.76		1479.6								
STO	01000	03.59	34.90	27.77	00.471	1481.6								
085	01000	03.59	34.90	27.77		1481.6								
085	01020	03.64	34.90	27.77		1482.1								

TABLE IX.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 31 December 1972-1 January 1973, Prepared from NODC Listing No. 31-8327.

REFID 31 8327	YEAR 1972	BOTOP 00146	AIR TEMP -08.3	DIR HGT PER	WIND-DIR 27	INST STU RECORDER	TEN SQ 1306
CUNSEC 0001	MONTH 12	SHIP 3L	WET BULB -08.3	33 4 2	WIND-SPD 25	TRACE DIR 0	5 SQUARE 4
LAT 47 02 N	DAY 31	DATA USE 1	BAROMETR 1031.2	SEA	WIND-FUR	DURATION	2 SQUARE 66
LONG 047 59 W	HOOR 15.9	AREA 05	CLOUD T/A	CL/TR	WEATHER X7	ORIG A2 056	1 SQUARE 77

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	OXYG	PU4	TOT P	NO2	NO3	SI03	PH
15.9	ST0	00000	- 1.08	32.84	26.43	00.000	1441.3							
	085	00000	- 1.08	32.84	26.43		1441.3							
	ST0	00010	- 1.10	32.85	26.44	00.016	1441.4							
	085	00010	- 1.10	32.85	26.44		1441.4							
	ST0	00020	- 1.10	32.85	26.44	00.032	1441.5							
	085	00020	- 1.10	32.85	26.44		1441.5							
	ST0	00030	- 1.10	32.86	26.44	00.048	1441.7							
	085	00030	- 1.10	32.86	26.44		1441.7							
	ST0	00050	- 1.10	32.86	26.44	00.080	1442.0							
	085	00050	- 1.10	32.86	26.44		1442.0							
	ST0	00075	- 0.99	32.94	26.51	00.119	1443.1							
	085	00075	- 0.99	32.94	26.51		1443.1							
	ST0	00091	- 1.12	32.99	26.55		1442.8							
	085	00091	- 1.12	32.99	26.55		1442.8							
	ST0	00100	- 1.17	33.27	26.78	00.154	1443.1							
085	00100	- 1.17	33.27	26.78		1443.1								
ST0	00125	- 1.26	33.31	26.81	00.185	1443.2								
085	00125	- 1.26	33.31	26.81		1443.2								

REFID 31 8327	YEAR 1973	BOTOP 00182	AIR TEMP -06.7	DIR HGT PER	WIND-DIR 32	INST STU RECORDER	TEN SQ 1306
CUNSEC 0002	MONTH 01	SHIP 3L	WET BULB -06.7	36 5 2	WIND-SPD 24	TRACE DIR 0	5 SQUARE 4
LAT 46 58 N	DAY 01	DATA USE 1	BAROMETR 1035.9	SEA	WIND-FUR	DURATION	2 SQUARE 66
LONG 047 40 W	HOOR 01.5	AREA 05	CLOUD T/A	CL/TR	WEATHER X1	ORIG A2 056	1 SQUARE 67

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	OXYG	PU4	TOT P	NO2	NO3	SI03	PH
01.5	ST0	00000	- 1.42	32.96	26.53	00.000	1439.8							
	085	00000	- 1.42	32.96	26.53		1439.8							
	ST0	00010	- 1.42	32.96	26.53	00.015	1440.0							
	085	00010	- 1.42	32.96	26.53		1440.0							
	ST0	00020	- 1.42	32.96	26.53	00.030	1440.2							
	085	00020	- 1.42	32.96	26.53		1440.2							
	ST0	00030	- 1.42	32.96	26.53	00.045	1440.3							
	085	00030	- 1.42	32.96	26.53		1440.3							
	ST0	00050	- 1.42	32.96	26.53	00.075	1440.7							
	085	00050	- 1.42	32.96	26.53		1440.7							
	ST0	00075	- 1.42	32.96	26.53	00.113	1441.1							
	085	00075	- 1.42	32.96	26.53		1441.1							
	ST0	00085	- 1.43	32.97	26.54		1441.2							
	085	00085	- 1.43	32.97	26.54		1441.2							
	ST0	00089	- 1.37	32.97	26.54		1441.0							
	085	00089	- 1.37	32.97	26.54		1441.0							
	ST0	00094	- 1.21	33.06	26.61		1442.5							
	085	00094	- 1.21	33.06	26.61		1442.5							
ST0	00100	- 1.15	33.09	26.63	00.149	1442.9								
085	00100	- 1.15	33.09	26.63		1442.9								
ST0	00125	- 1.12	33.16	26.65	00.184	1443.0								
085	00125	- 1.12	33.16	26.65		1443.0								
ST0	00150	- 0.97	33.33	26.82	00.216	1445.0								
085	00150	- 0.97	33.33	26.82		1445.0								
ST0	00160	- 0.83	33.49	26.95		1446.0								
085	00160	- 0.83	33.49	26.95		1446.0								

REFID 31 8327	YEAR 1973	BOTOP 00215	AIR TEMP -05.5	DIR HGT PER	WIND-DIR 24	INST STU RECORDER	TEN SQ 1306
CUNSEC 0003	MONTH 01	SHIP 3L	WET BULB -05.5	03 5 2	WIND-SPD 20	TRACE DIR 0	5 SQUARE 4
LAT 46 59 N	DAY 01	DATA USE 1	BAROMETR 1034.4	SEA	WIND-FUR	DURATION	2 SQUARE 66
LONG 047 31 W	HOOR 03.3	AREA 05	CLOUD T/A	CL/TR	WEATHER X1	ORIG A2 056	1 SQUARE 67

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	OXYG	PU4	TOT P	NO2	NO3	SI03	PH
03.3	ST0	00000	- 1.34	33.09	26.64	00.000	1440.4							
	085	00000	- 1.34	33.09	26.64		1440.4							
	ST0	00010	- 1.34	33.09	26.64	00.014	1440.6							
	085	00010	- 1.34	33.09	26.64		1440.6							
	ST0	00020	- 1.33	33.10	26.65	00.028	1440.4							
	085	00020	- 1.33	33.10	26.65		1440.8							
	ST0	00030	- 1.32	33.10	26.65	00.042	1441.0							
	085	00030	- 1.32	33.10	26.65		1441.0							
	ST0	00050	- 1.27	33.11	26.65	00.070	1441.6							
	085	00050	- 1.27	33.11	26.65		1441.6							
	ST0	00075	- 1.18	33.15	26.68	00.105	1442.5							
	085	00075	- 1.18	33.15	26.68		1442.5							
	ST0	00100	- 1.08	33.19	26.71	00.138	1443.4							
	085	00100	- 1.08	33.19	26.71		1443.4							
	ST0	00125	- 0.98	33.37	26.85	00.170	1446.6							
	085	00125	- 0.98	33.37	26.85		1446.6							
	ST0	00150	- 0.78	33.49	26.94	00.199	1446.1							
	085	00150	- 0.78	33.49	26.94		1446.1							
ST0	00175	- 0.79	33.50	26.95		1446.4								
085	00175	- 0.79	33.50	26.95		1446.4								
ST0	00190	- 0.78	33.53	26.98		1446.8								
085	00190	- 0.78	33.53	26.98		1446.8								

TABLE IX.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 31 December 1972-1 January 1973, Prepared from NODC Listing No. 31-8327.—Continued

REFID	31 8527	YEAR	1973	BUTOP	01252	AIR TEMP	-03.9	DIR FGT PER		WIND-DIR	30	INST STO RECORDER		TEN SQ	1306
CUNSEC	0004	MONTH	01	SHIP	3L	WET BULB	-03.9	30 4 2		WIND-SPD	20	TRACE DIR	0	5 SQUARE	4
LAT	47 00 N	DAY	01	DATA USE	1	BAROMETR	1034.9	SEA		WIND-FUR		DURATION		2 SQUARE	66
LLNG	046 56 W	HOOR	08.9	AREA	05	CLUD T/A		CL/TR		WEATHER	XI	DRIG	A2 056	1 SQUARE	76

CASSTNM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SD VEL	UXTG	PU4	TOT P	NU2	NU3	SIU3	PH
08.9	STD	00000	- 1.03	33.25	26.76	00.000	1442.1							
	OBS	00000	- 1.03	33.25	26.76		1442.1							
	STD	00010	- 1.04	33.24	26.75	00.013	1442.2							
	OBS	00010	- 1.04	33.24	26.75		1442.2							
	STD	00020	- 1.04	33.23	26.74	00.026	1442.3							
	OBS	00020	- 1.04	33.23	26.74		1442.3							
	STD	00030	- 1.03	33.26	26.77	00.039	1442.6							
	OBS	00030	- 1.03	33.26	26.77		1442.6							
	OBS	00039	- 1.04	33.33	26.82		1442.8							
	STD	00050	- 0.68	33.43	26.85	00.064	1444.8							
	OBS	00050	- 0.68	33.43	26.85		1444.8							
	OBS	00069	- 0.57	33.50	26.94		1445.7							
	STD	00075	- 0.57	33.50	26.94	00.092	1445.8							
	OBS	00075	- 0.57	33.50	26.94		1445.8							
	OBS	00087	- 0.57	33.59	27.02		1446.1							
	STD	00100	- 0.29	33.64	27.04	00.119	1447.7							
	OBS	00100	- 0.29	33.64	27.04		1447.7							
	STD	00125	- 0.21	33.64	27.04	00.145	1448.5							
	OBS	00125	- 0.21	33.64	27.04		1448.5							
	STD	00150	- 0.18	33.67	27.06	00.170	1449.1							
	OBS	00150	- 0.18	33.67	27.06		1449.1							
	STD	00200	01.26	34.05	27.29	00.215	1457.0							
	OBS	00200	01.26	34.05	27.29		1457.0							
	OBS	00221	01.07	34.21	27.43		1458.7							
	STD	00250	01.65	34.31	27.47	00.251	1459.9							
	OBS	00250	01.65	34.31	27.47		1459.9							
	STD	00300	02.29	34.49	27.56	00.280	1463.8							
	OBS	00300	02.29	34.49	27.56		1463.8							
	STD	00400	03.57	34.72	27.63	00.333	1471.3							
	OBS	00400	03.57	34.72	27.63		1471.3							
	OBS	00452	04.07	34.83	27.67		1474.4							
	STD	00500	04.13	34.86	27.68	00.362	1475.5							
	OBS	00500	04.13	34.86	27.68		1475.5							
	OBS	00580	04.19	34.90	27.71		1477.1							

TABLE IX.— Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 31 December 1972-1 January 1973, Prepared from NODC Listing No. 31-8327.—Continued

REFID 31 8327 YEAR 1973 BOTOP 01116 AIR TEMP -01.7 DIR HGT PER WIND-DIR 31 INST STO RECORDER TEN SQ 1306
 CONSEC 0005 MONTH 01 SHIP 3L MET BULB -01.7 31 3 2 WIND-SPO 23 TRACE DIR 0 5 SQUARE 4
 LAT 47 02 N OAY 01 DATA USE 1 BAROMETR 1034.9 SEA WIND-FUR DURATION 2 SQUARE 66
 LONG 046 50 W HOUR 13.7 AREA 05 CLOUD T/A CL/TR WEATHER XL ORIG A2 056 1 SQUARE 76

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SND VEL	OAYG	PO4	TOT P	NO2	NO3	SI03	PH
13.7	STO	00000	01.58	33.62	26.92	00.000	1454.5							
	085	00000	01.58	33.62	26.92		1454.5							
	STO	00010	01.58	33.61	26.91	00.011	1454.7							
	085	00010	01.58	33.61	26.91		1454.7							
	STO	00020	01.58	33.61	26.91	00.025	1454.8							
	085	00020	01.58	33.61	26.91		1454.8							
	STO	00030	01.57	33.61	26.91	00.034	1454.9							
	085	00030	01.57	33.61	26.91		1454.9							
	STO	00037	01.54	33.65	26.95		1455.0							
	085	00037	01.54	33.65	26.95		1455.0							
	STO	00050	01.39	33.68	26.98	00.057	1454.6							
	085	00050	01.39	33.68	26.98		1454.6							
	STO	00065	00.71	33.74	27.07		1451.9							
	085	00065	00.71	33.74	27.07		1451.9							
	STO	00075	00.87	33.77	27.09	00.083	1452.8							
	085	00075	00.87	33.77	27.09		1452.8							
	STO	00100	00.84	33.80	27.11	00.107	1453.1							
	085	00100	00.84	33.80	27.11		1453.1							
	STO	00115	01.13	33.84	27.13		1454.7							
	085	00115	01.13	33.84	27.13		1454.7							
	STO	00125	01.35	33.96	27.21	00.130	1456.0							
	085	00125	01.35	33.96	27.21		1456.0							
	STO	00134	01.53	34.01	27.24		1457.0							
	085	00134	01.53	34.01	27.24		1457.0							
	STO	00141	02.67	34.35	27.42		1462.6							
	085	00141	02.67	34.35	27.42		1462.6							
	STO	00150	03.18	34.46	27.46	00.149	1465.1							
	085	00150	03.18	34.46	27.46		1465.1							
	STO	00200	04.32	34.78	27.60	00.179	1471.2							
	085	00200	04.32	34.78	27.60		1471.2							
	STO	00250	04.34	34.82	27.63	00.203	1472.2							
	085	00250	04.34	34.82	27.63		1472.2							
	STO	00300	04.28	34.85	27.66	00.228	1472.8							
	085	00300	04.28	34.85	27.66		1472.8							
	STO	00320	04.32	34.87	27.67		1473.3							
	085	00320	04.32	34.87	27.67		1473.3							
	STO	00360	04.12	34.86	27.68		1473.1							
	085	00360	04.12	34.86	27.68		1473.1							
	STO	00400	04.04	34.87	27.70	00.274	1473.4							
	085	00400	04.04	34.87	27.70		1473.4							
	STO	00500	03.96	34.89	27.72	00.317	1474.8							
	085	00500	03.96	34.89	27.72		1474.8							
	STO	00600	03.97	34.91	27.74	00.360	1476.5							
	085	00600	03.97	34.91	27.74		1476.5							
	STO	00700	04.03	34.92	27.74	00.403	1478.4							
	085	00700	04.03	34.92	27.74		1478.4							
	STO	00800	03.94	34.92	27.75	00.446	1479.7							
	085	00800	03.94	34.92	27.75		1479.7							
	STO	00900	03.88	34.91	27.75	00.490	1481.1							
	085	00900	03.88	34.91	27.75		1481.1							
	STO	01000	03.66	34.90	27.76	00.533	1481.9							
	085	01000	03.66	34.90	27.76		1481.9							
	STO	01062	03.68	34.90	27.76		1483.0							
	085	01062	03.68	34.90	27.76		1483.0							

REFID 31 8327 YEAR 1973 BOTOP 00677 AIR TEMP -00.6 DIR HGT PER WIND-DIR 24 INST STO RECORDER TEN SQ 1306
 CONSEC 0006 MONTH 01 SHIP 3L MET BULB -00.6 34 5 3 WIND-SPO 18 TRACE DIR 0 5 SQUARE 4
 LAT 47 00 N OAY 01 DATA USE 1 BAROMETR 1032.2 SEA WIND-FUR DURATION 2 SQUARE 66
 LONG 046 34 W HOUR 16.8 AREA 05 CLOUD T/A CL/TR WEATHER XL ORIG A2 056 1 SQUARE 76

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SND VEL	OAYG	PO4	TOT P	NO2	NO3	SI03	PH
16.8	STO	00000	01.79	33.40	26.73	00.000	1455.1							
	085	00000	01.79	33.40	26.73		1455.1							
	STO	00010	01.79	33.40	26.73	00.013	1455.3							
	085	00010	01.79	33.40	26.73		1455.3							
	STO	00020	01.78	33.40	26.73	00.026	1455.4							
	085	00020	01.78	33.40	26.73		1455.4							
	STO	00030	01.79	33.43	26.75	00.040	1455.7							
	085	00030	01.79	33.43	26.75		1455.7							
	STO	00050	01.79	33.66	26.94	00.064	1456.3							
	085	00050	01.79	33.66	26.94		1456.3							
	STO	00075	01.80	33.84	27.08	00.090	1457.0							
	085	00075	01.80	33.84	27.08		1457.0							
	STO	00100	01.79	34.23	27.35	00.112	1457.9							
	085	00100	01.79	34.23	27.35		1457.9							
	STO	00108	01.79	34.45	27.57		1458.4							
	085	00108	01.79	34.45	27.57		1458.4							
	STO	00125	02.60	34.47	27.52	00.128	1462.2							
	085	00125	02.60	34.47	27.52		1462.2							
	STO	00150	03.47	34.59	27.54	00.142	1466.5							
	085	00150	03.47	34.59	27.54		1466.5							
	STO	00200	04.02	34.72	27.58	00.170	1469.9							
	085	00200	04.02	34.72	27.58		1469.9							
	STO	00208	04.13	34.76	27.60		1470.5							
	085	00208	04.13	34.76	27.60		1470.5							
	STO	00250	04.21	34.81	27.63	00.195	1471.6							
	085	00250	04.21	34.81	27.63		1471.6							
	STO	00300	04.27	34.86	27.67	00.219	1472.7							
	085	00300	04.27	34.86	27.67		1472.7							
	STO	00400	04.39	34.93	27.71	00.264	1475.0							
	085	00400	04.39	34.93	27.71		1475.0							
	STO	00500	04.33	34.94	27.72	00.308	1476.4							
	085	00500	04.33	34.94	27.72		1476.4							

TABLE IX.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 31 December 1972–1 January 1973, Prepared from NODC Listing No. 31–8327.—Continued

REFID	31	8327	YEAR	1973	BOTOP	00329	AIR TEMP	-00.6	OIR HGT PER	WIND-OIR	24	INST STD RECORDER	TEN 50	1306
CONSEC		0007	MONTH	01	SHIP	3L	WET BULB	-00.6		WIND-SPD	14	TRACE OIR	5	SQUARE 4
LAT	47	02.5N	DAY	01	DATA USE	1	BAROMETR	1031.8	SEA	WIND-FDR		DURATION	2	SQUARE 66
LONG	046	14 W	HR	18.3	AREA	05	CLOUD T/A		CL/TR	WEATHER	X1	ORIG A2 U56	1	SQUARE 76

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SND VEL	OXYG	P34	TOT P	N02	N03	S103	PH
18.3	STD	0000	02.56											
	OBS	0000	02.56											
	OBS	0005	02.56											
	STD	0010	02.56											
	OBS	0010	02.56											
	STD	0020	02.57											
	OBS	0020	02.57											
	STD	0030	02.56											
	OBS	0030	02.56											
	STD	0050	02.56											
	OBS	0050	02.56											
	STD	0075	02.63											
	OBS	0075	02.63											
	OBS	0088	02.59											
	OBS	0094	03.36	34.29	27.31		1464.7							
	STD	00100	03.21	34.29	27.32		1464.2							
	OBS	00100	03.21	34.29	27.32		1464.2							
	OBS	00105	03.22	34.33	27.35		1464.4							
	OBS	00109	02.88	34.29	27.35		1462.9							
	OBS	00113	03.43	34.45	27.43		1465.6							
	STD	00125	03.51	34.48	27.44		1466.1							
	OBS	00125	03.51	34.48	27.44		1466.1							
	OBS	00136	04.09	34.59	27.47		1468.9							
	STD	00150	04.01	34.61	27.50		1468.8							
	OBS	00150	04.01	34.61	27.50		1468.8							
	OBS	00155	03.94	34.60	27.50		1468.6							
	OBS	00159	04.07	34.65	27.52		1469.3							
	STD	00200	04.31	34.78	27.60		1471.1							
	OBS	00200	04.31	34.78	27.60		1471.1							
	STD	00250	04.34	34.82	27.63		1472.1							
	OBS	00250	04.34	34.82	27.63		1472.1							
	OBS	00276	04.33	34.85	27.65		1472.6							

REFID	31	8327	YEAR	1973	BOTOP	00274	AIR TEMP	00.0	OIR HGT PER	WIND-OIR	23	INST STD RECORDER	TEN 50	1306
CONSEC		0008	MONTH	01	SHIP	3L	WET BULB	00.0		WIND-SPD	18	TRACE DIR	5	SQUARE 4
LAT	47	02 N	DAY	01	DATA USE	1	BAROMETR	1031.8	SEA	WIND-FDR		DURATION	2	SQUARE 64
LONG	045	51.5W	HR	20.3	AREA	05	CLOUD T/A		CL/TR	WEATHER	X2	ORIG A2 056	1	SQUARE 75

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SND VEL	UXYG	P04	TOT P	N02	N03	S103	PH
20.3	STD	0000	02.51											
	OBS	0000	02.51											
	STD	0010	02.51											
	OBS	0010	02.51											
	STD	0020	02.51											
	OBS	0020	02.51											
	STD	0030	02.50											
	OBS	0030	02.50											
	STD	0050	02.50											
	OBS	0050	02.50											
	OBS	0063	02.71											
	STD	0075	02.84	34.12	27.22		1461.9							
	OBS	0075	02.84	34.12	27.22		1461.9							
	OBS	0083	02.94	34.21	27.28		1462.6							
	STD	00100	03.17	34.37	27.39		1464.1							
	OBS	00100	03.17	34.37	27.39		1464.1							
	STD	00125	03.39	34.45	27.43		1465.6							
	OBS	00125	03.39	34.45	27.43		1465.6							
	STD	00150	03.64	34.55	27.49		1467.2							
	OBS	00150	03.64	34.55	27.49		1467.2							
	STD	00200	03.86	34.66	27.55		1469.1							
	OBS	00200	03.86	34.66	27.55		1469.1							
	STD	00250	04.07	34.81	27.65		1471.0							
	OBS	00250	04.07	34.81	27.65		1471.0							

TABLE IX. Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 31 December 1972-1 January 1973, Prepared from NODC Listing No. 31 8327. Continued

REFID	31	8327	YEAR	1973	BOTOP	00311	AIR TEMP	01.1	DIA HGT PER	WIND-OIR	21	INST STO RECORDER	TEN SQ	1306	
CONSEC		0009	MONTH	01	SHIP	3L	MET BULB	01.1		WIND-SPD	18	TRACE OIR	0	5 SQUARE	4
LAT	47	20	N	DAY	01	DATA USE	1	BAROMETR	1028.1	WIND-FOR		DURATION		2 SQUARE	64
LONG	U45	50	W	HOUR	22.5	AREA	05	CLOUD T/A		WEATHER	X7	ORIG	A2 D56	1 SQUARE	75

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SND VEL	OXYG	P04	TOT P	N02	N03	ST03	PH
	ST0	00000	02.49	33.23	26.54	00.000	1458.0							
22.5	085	00000	02.49	33.23	26.54		1458.0							
	ST0	00010	02.50	33.23	26.54	00.015	1458.2							
	085	00010	02.50	33.23	26.54		1458.2							
	ST0	00020	02.50	33.23	26.54	00.030	1458.4							
	085	00020	02.50	33.23	26.54		1458.4							
	ST0	00030	02.49	33.23	26.54	00.045	1458.5							
	085	00030	02.49	33.23	26.54		1458.5							
	ST0	00050	02.49	33.22	26.53	00.075	1458.8							
	085	00050	02.49	33.22	26.53		1458.8							
	ST0	00075	02.50	33.23	26.54	00.113	1459.3							
	085	00075	02.50	33.23	26.54		1459.3							
	ST0	00100	02.50	33.23	26.54	00.151	1459.7							
	085	00100	02.50	33.23	26.54		1459.7							
	085	00110	02.58	33.35	26.63		1460.4							
	085	00114	02.67	33.70	26.90		1461.3							
	ST0	00125	02.75	33.97	27.11	00.182	1462.2							
	085	00125	02.75	33.97	27.11		1462.2							
	085	00135	03.22	34.43	27.43		1465.0							
	ST0	00150	03.51	34.57	27.52	00.201	1466.7							
	085	00150	03.51	34.57	27.52		1466.7							
	085	00175	03.88	34.69	27.57		1468.8							
	ST0	00200	04.18	34.75	27.59	00.229	1470.6							
	085	00200	04.18	34.75	27.59		1470.6							
	085	00215	04.13	34.76	27.60		1470.6							
	085	00228	04.22	34.81	27.63		1471.3							
	ST0	00250	04.25	34.84	27.65	00.254	1471.8							
	085	00250	04.25	34.84	27.65		1471.8							
	085	00282	04.17	34.86	27.68		1472.0							

TABLE X.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC HAMILTON, 8-10 September 1972, Prepared from NODC Listing No. 31-2137.

REF ID 31 2137 YEAR 1972 BU TOP 04687 AIR TEMP 17.6 DIR HGT PER WIND-DIR 30 INST NANSEN CAST TEN SQ 1306
 CONSEC 0001 MONTH 09 SHIP HT MET BULB 15.1 06 3 3 WIND-SPD 10 TRACE DIR 5 SQUARE 1
 LAT 43 55 N DAY 09 DATA USE 1 BAROMETR 1011.1 SEA WIND-FUR DURATION 2 SQUARE 22
 LONG 043 41 W HOUR 08.5 AREA 05 CLOUD T/A 0/8 CL/TR WEATHER X2 ORIG A3 059 1 SQUARE 33

CSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	XYNDPTH	SND VEL	UXYG	PU4	TCT P	NO2	NO3	SIU3	PH
	STD	00000	17.81	32.93	23.75	00.000	1513.5							
08.5	DBS	00000	17.81	32.927	23.75		1513.5							
	STD	00010	17.85	33.18	23.93	00.041	1514.1							
	STD	00020	17.90	33.44	24.12	00.080	1514.7							
08.5	DBS	00023	17.91	33.515	24.18		1514.8							
	STD	00030	13.84	33.81	25.17	00.113	1502.4							
08.5	DBS	00046	09.34	34.141	26.41		1487.6							
	STD	00050	10.59	34.51	26.49	00.157	1492.7							
08.5	DBS	00068	14.05	35.581	26.64		1506.2							
	STD	00075	13.66	35.57	26.66	00.194	1505.7							
08.5	DBS	00091	13.37	35.530	26.75		1504.3							
	STD	00100	13.21	35.49	26.75	00.228	1503.8							
	STD	00125	12.21	35.31	26.81	00.260	1500.6							
08.5	DBS	00135	11.57	35.197	26.84		1498.4							
	STD	00150	09.57	34.86	26.93	00.291	1491.1							
08.5	DBS	T00183	06.62	34.372	27.00		1479.7							
	STD	00200	07.19	34.51	27.03	00.347	1482.4							
	STD	00230	08.18	34.78	27.09	00.400	1487.4							
08.5	DBS	00268	08.30	34.828	27.11		1488.2							
	STD	00300	07.83	34.79	27.15	00.450	1486.9							
08.5	DBS	00352	07.14	34.749	27.22		1485.0							
	STD	00400	06.56	34.76	27.31	00.540	1483.6							
	STD	00500	05.69	34.81	27.46	00.618	1481.8							
08.5	DBS	T00519	05.57	34.817	27.48		1481.6							
	STD	00600	05.43	34.90	27.56	00.662	1482.5							
08.5	DBS	00680	05.25	34.949	27.63		1483.2							
	STD	00700	05.18	34.95	27.64	00.740	1483.2							
	STD	00800	04.85	34.95	27.68	00.793	1483.6							
08.5	DBS	T00848	04.72	34.956	27.69		1483.8							
	STD	T01292	04.19	34.965	27.76		1489.0							
	STD	01300	04.18	34.96	27.76		1489.1							
	STD	01400	04.08	34.96	27.77		1490.4							
	STD	01500	03.99	34.96	27.78		1491.7							
	STD	01750	03.77	34.95	27.79		1495.0							
11.2	DBS	01873	03.67	34.950	27.80		1496.6							
	STD	02000	03.59	34.95	27.81		1498.5							
11.2	DBS	T02339	03.37	34.937	27.82		1503.3							
	STD	02500	03.26	34.94	27.83		1505.6							
11.2	DBS	T02794	03.03	34.931	27.85		1509.7							
	STD	03000	02.82	34.93	27.87		1512.3							
11.2	DBS	T03265	02.61	34.920	27.88		1516.0							
11.2	DBS	T03734	02.40	34.899	27.88		1523.3							

REF ID 31 2137 YEAR 1972 BU TOP 04654 AIR TEMP 18.0 DIR HGT PER WIND-DIR 31 INST NANSEN CAST TEN SQ 1306
 CONSEC 0002 MONTH 09 SHIP HT MET BULB 15.0 05 5 4 WIND-SPD 15 TRACE DIR 5 SQUARE 1
 LAT 43 37 N DAY 09 DATA USE 1 BAROMETR 1010.7 SEA WIND-FUR DURATION 2 SQUARE 24
 LONG 044 38 W HOUR 17.9 AREA 05 CLOUD T/A 8/6 CL/TR WEATHER X1 ORIG A3 059 1 SQUARE 34

CSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	XYNDPTH	SND VEL	UXYG	PU4	TCT P	NO2	NO3	SIU3	PH
	STD	00000	19.04	33.24	23.69	00.000	1517.4							
17.9	DBS	00000	19.04	33.240	23.69		1517.4							
	STD	00010	18.65	33.29	24.30	00.039	1510.6							
	STD	00020	14.53	33.33	24.81	00.073	1504.2							
17.9	DBS	00022	14.14	33.344	24.90		1502.9							
	STD	00030	12.27	33.95	25.74	00.100	1497.0							
17.9	DBS	00044	10.54	34.727	26.66		1492.7							
	STD	00050	11.01	34.90	26.71	00.136	1494.7							
17.9	DBS	00066	11.75	35.209	26.82		1498.0							
	STD	00075	11.66	35.27	26.88	00.168	1497.9							
17.9	DBS	00088	11.53	35.283	26.92		1497.6							
	STD	00100	10.18	35.07	26.99	00.197	1492.8							
	STD	00125	07.81	34.70	27.09	00.223	1483.8							
17.9	DBS	00131	07.33	34.829	27.10		1482.0							
	STD	00150	06.10	34.46	27.14	00.248	1477.2							
17.9	DBS	00180	04.74	34.301	27.17		1472.0							
	STD	00200	04.78	34.36	27.22	00.294	1472.5							
	STD	00250	04.86	34.50	27.32	00.336	1473.9							
17.9	DBS	00267	04.88	34.546	27.35		1474.3							
	STD	00300	04.91	34.62	27.41	00.374	1475.1							
17.9	DBS	00355	04.95	34.761	27.51		1476.3							
	STD	00400	05.05	34.95	27.58	00.438	1480.2							
17.9	DBS	00447	05.92	35.053	27.63		1482.2							
	STD	00500	05.42	35.01	27.65	00.492	1481.0							
17.9	DBS	T00534	05.16	34.986	27.67		1480.5							
	STD	00600	04.91	34.98	27.69	00.542	1480.5							
	STD	00700	04.62	34.96	27.71	00.590	1481.0							
17.9	DBS	T00709	04.60	34.963	27.71		1481.0							
	STD	00800	04.47	34.96	27.73	00.637	1482.0							
17.9	DBS	00889	04.36	34.963	27.74		1483.0							
17.9	DBS	T01336	03.99	34.966	27.78		1486.9							

TABLE X.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC HAMILTON, S-10
September 1972, Prepared from NOIC Listing No. 31-2137.—Continued

REF ID: 31 2137 YEAR: 1972 STATION: 04358 AIR TEMP: 16.2 DIR HGT PER: WIND-DIR: 28 INST NANSEN CAST: TEN SQ 1306
 CGNSEC: 0003 MONTH: 09 SHIP HT: WET BULB: 16.2 05 5 4 WIND-SPO: 25 TRACE DIR: 5 SQUARE 1
 LAT: 43 45 N DAY: 09 DATA USE: 1 BAROMETR: 1006.1 SEA: WIND-FUR: DURATION: 2 SQUARE 24
 LONG: 046 25 W HOUR: 23.1 AREA: 05 CLOUD T/A: 8/6 CL/TR: WEATHER: X6 ORIG: A3 059 1 SQUARE 34

CASIDN/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	UYNOPTH	SNO VEL	OXYG	PJ4	TOT P	NO2	NO3	SI03	PH
23.1	ST0	00000	19.17	34.44	24.57	00.000	1519.2							
	085	00000	19.17	34.438	24.57		1519.2							
	ST0	00010	17.53	34.32	24.89	00.032	1514.5							
	ST0	00020	16.01	34.21	25.16	00.062	1509.9							
23.1	085	00027		34.130										
	ST0	00030	14.61	34.37	25.59	00.088	1505.9							
	ST0	00050	12.19	35.33	26.83	00.125	1499.4							
23.1	085	00050	12.19	35.328	26.83		1499.4							
	ST0	00075	09.80	34.89	26.92	00.155	1490.7							
23.1	085	00076	09.83	34.874	26.94		1490.2							
	ST0	00100	09.16	34.93	27.06	00.182	1488.9							
23.1	085	00100	09.16	34.933	27.06		1488.9							
	ST0	00125	08.08	34.77	27.10	00.207	1485.0							
	ST0	00150	07.30	34.66	27.13	00.232	1482.2							
23.1	085	00150	07.30	34.654	27.13		1482.2							
	ST0	00200	06.64	34.63	27.20	00.279	1480.4							
23.1	085	00200	06.64	34.631	27.20		1480.4							
	ST0	00250	06.60	34.75	27.30	00.322	1481.3							
23.1	085	00250	06.26	34.805	27.39		1480.8							
	ST0	00300	06.21	34.80	27.39	00.361	1480.6							
23.1	085	00300	04.64	34.720	27.52		1475.7							
	ST0	00400	04.63	34.73	27.52	00.429	1475.7							
23.1	085	00400	04.62	34.868	27.64		1477.3							
	ST0	00500	04.66	34.88	27.64	00.486	1477.7							
23.1	085	00500	04.83	34.961	27.69		1479.9							
	ST0	00600	04.73	34.95	27.69	00.536	1479.7							
	ST0	00700	04.26	34.91	27.71	00.583	1479.4							
23.1	085	00700	04.08	34.900	27.72		1479.8							
	ST0	00800	04.10	34.91	27.73	00.629	1480.4							
	ST0	00900	04.16	34.94	27.74	00.675	1482.3							
23.1	085	00900	04.18	34.954	27.75		1483.3							
23.1	085	01000	03.65	34.942	27.78		1490.0							

REF ID: 31 2137 YEAR: 1972 STATION: 04041 AIR TEMP: 16.2 DIR HGT PER: WIND-DIR: 04 INST NANSEN CAST: TEN SQ 1306
 CGNSEC: 0004 MONTH: 09 SHIP HT: WET BULB: 16.0 05 5 4 WIND-SPO: 21 TRACE DIR: 5 SQUARE 2
 LAT: 44 01 N DAY: 09 DATA USE: 1 BAROMETR: 1008.3 SEA: WIND-FUR: DURATION: 2 SQUARE 44
 LONG: 045 55 W HOUR: 04.1 AREA: 05 CLOUD T/A: 8/6 CL/TR: WEATHER: X6 ORIG: A3 059 1 SQUARE 45

CASIDN/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	UYNOPTH	SNO VEL	OXYG	PJ4	TOT P	NO2	NO3	SI03	PH
04.1	ST0	00000	19.65	34.24	24.30	00.000	1520.3							
	085	00000	19.65	34.244	24.30		1520.3							
	ST0	00010	12.66	34.32	25.57	00.030	1458.4							
	ST0	00020	08.51	33.40	25.97	00.053	1483.1							
04.1	085	00025	07.44	33.193	25.95		1479.0							
	ST0	00030	09.15	33.82	26.14	00.072	1486.2							
	ST0	00050	13.04	35.40	26.71	00.104	1502.3							
04.1	085	00050	13.04	35.400	26.71		1502.3							
	ST0	00075	11.68	35.26	26.87	00.136	1457.9							
04.1	085	00075	11.68	35.264	26.87		1457.9							
	ST0	00100	10.15	34.99	26.93	00.166	1492.6							
04.1	085	00100	10.15	34.986	26.93		1492.6							
	ST0	00125	09.26	34.94	27.05	00.193	1489.7							
	ST0	00150	08.92	34.89	27.07	00.219	1488.7							
04.1	085	00150	08.92	34.875	27.07		1488.7							
	ST0	00200	10.03	35.25	27.16	00.269	1494.1							
04.1	085	00200	10.07	35.275	27.17		1494.4							
	ST0	00250	09.31	35.20	27.24	00.315	1492.2							
	ST0	00300	08.06	35.07	27.34	00.357	1466.2							
04.1	085	00300	07.91	35.056	27.35		1487.7							
	ST0	00400	04.13	34.63	27.50	00.429	1473.5							
04.1	085	00400	04.05	34.628	27.51		1473.2							
	ST0	00500	05.01	34.92	27.64	00.486	1479.2							
04.1	085	00500	05.06	34.943	27.64		1479.6							
	ST0	00600	05.05	34.99	27.68	00.537	1481.1							
04.1	085	00600	05.05	34.992	27.68		1481.3							
	ST0	00700	04.96	35.01	27.70	00.566	1482.5							
	ST0	00800	04.84	35.02	27.73	00.634	1483.6							
04.1	085	00800	04.82	35.022	27.73		1483.7							
	ST0	00900	04.57	35.00	27.74	00.680	1484.1							
	ST0	01000	04.32	34.97	27.75	00.726	1484.7							
04.1	085	01000	04.29	34.970	27.75		1484.8							
04.1	085	01025	03.72	34.936	27.79		1491.0							

TABLE X.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC HAMILTON, 8-10 September 1972, Prepared from NODC Listing No. 31-2137.—Continued

REF ID: 31 2137 YEAR: 1972 BOTOP: 03886 AIR TEMP: 15.0 DIR HGT PER: WIND-DIR: 32 INST: NANSEN CAST: TEN SQ: 1306
 CONSEC: 0005 MONTH: 09 SHIP HT: MET BULB: 14.7 32 J 2 WIND-SPD: 15 TRACE DIR: 5 SQUARE: 2
 LAT: 44 07 N DAY: 09 DATA USE: 1 BAROMETR: 1010.0 SEA 41ND-FGR: DURATION: 2 SQUARE: 46
 LONG: 046 32 W HOUR: 08-6 AREA: 05 CLOUD T/A: 7/8 CL/TR: WEATHER: X6 ORIG: A3 059 1 SQUARE: 46

CASSTNM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SND VEL	UXYG	P34	TOT P	NO2	NO3	SI03	PH
	STD	00000	17.19	32.99	23.45	00.000	1511.7							
08.6	DBS	00000	17.19	32.992	23.45		1511.7							
	STD	00010	16.90	32.97	24.00	00.039	1511.0							
	STD	00020	16.61	32.95	24.06	00.078	1510.2							
08.6	DBS	00024	16.50	32.946	24.08		1509.9							
	STD	00030	13.22	33.34	25.09	00.112	1500.0							
08.6	DBS	00049	06.56	34.175	26.85		1477.0							
	STD	00050	06.53	34.18	26.86	00.153	1476.9							
08.6	DBS	00073	06.24	34.307	27.00		1476.6							
	STD	00075	06.30	34.33	27.00	00.182	1476.5							
08.6	DBS	00098	06.86	34.513	27.08		1479.5							
	STD	00100	06.87	34.52	27.08	00.208	1479.6							
	STD	00125	06.99	34.63	27.15	00.232	1480.6							
08.6	DBS	00146	07.10	34.665	27.16		1481.4							
	STD	00150	06.98	34.66	27.17	00.256	1481.0							
	STD	00200	05.85	34.60	27.27	00.300	1477.2							
08.6	DBS	00200	05.85	34.597	27.27		1477.2							
	STD	00250	05.82	34.73	27.38	00.339	1478.1							
08.6	DBS	00298	05.80	34.811	27.45		1479.9							
	STD	00300	05.77	34.81	27.45	00.374	1478.8							
08.6	DBS	00346	04.85	34.817	27.57		1476.7							
	STD	00400	04.85	34.82	27.57	00.437	1476.7							
08.6	DBS	00498	04.85	34.921	27.65		1478.5							
	STD	00500	04.86	34.92	27.65	00.491	1478.6							
08.6	DBS	00596	05.09	35.007	27.65		1481.2							
	STD	00600	05.08	35.01	27.69	00.540	1481.2							
	STD	00700	04.75	34.98	27.71	00.588	1481.5							
08.6	DBS	00791	04.52	34.965	27.72		1482.0							
	STD	00800	04.51	34.96	27.72	00.635	1482.1							
	STD	00900	04.37	34.96	27.74	00.682	1483.3							
08.6	DBS	00991	04.26	34.962	27.75		1486.3							
08.6	DBS	01490	03.77	34.929	27.78		1490.6							

REF ID: 31 2137 YEAR: 1972 BOTOP: 03882 AIR TEMP: 15.0 DIR HGT PER: WIND-DIR: 01 INST: NANSEN CAST: TEN SQ: 1306
 CONSEC: 0006 MONTH: 09 SHIP HT: MET BULB: 13.7 35 5 4 WIND-SPD: 25 TRACE DIR: 5 SQUARE: 2
 LAT: 44 16 N DAY: 09 DATA USE: 1 BAROMETR: 1011.7 SEA 41ND-FGR: DURATION: 2 SQUARE: 46
 LONG: 047 10 W HOUR: 12.5 AREA: 05 CLOUD T/A: 7/8 CL/TR: WEATHER: X2 ORIG: A3 059 1 SQUARE: 47

CASSTNM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SND VEL	UXYG	P34	TOT P	NO2	NO3	SI03	PH
	STD	00000	16.97	33.10	24.09	00.000	1511.2							
12.5	DBS	00000	16.97	33.102	24.09		1511.2							
	STD	00010	17.74	33.98	24.57	00.036	1514.7							
	STD	00020	18.50	34.41	24.72	00.069	1517.6							
12.5	DBS	00021	18.58	34.435	24.72		1517.8							
	STD	00030	11.67	34.17	26.03	00.095	1455.8							
12.5	DBS	00042	05.45	33.855	26.74		1472.0							
	STD	00050	06.61											
	STD	00075	09.09											
12.5	DBS	00082	09.47											
	STD	00100	09.19											
	STD	00125	08.77											
12.5	DBS	00125	08.77											
	STD	00150	08.13											
	STD	00200	07.09											
12.5	DBS	00247	06.37	34.873	27.43		1480.4							
	STD	00250	06.33	34.87	27.43		1480.3							
	STD	00300	05.87	34.85	27.47		1479.3							
12.5	DBS	00324	05.79	34.862	27.48		1479.4							
	STD	00400	06.14	34.92	27.50		1482.1							
12.5	DBS	00402	06.15	34.925	27.50		1482.2							
12.5	DBS	00475	05.25	34.908	27.59		1479.7							
	STD	00500	05.11	34.91	27.61		1479.6							
	STD	00600	04.69	34.91	27.66		1479.5							
12.5	DBS	00619	04.64	34.916	27.67		1479.6							
	STD	00700	04.58	34.94	27.70		1480.7							
12.5	DBS	00769	04.52	34.951	27.71		1481.7							
12.5	DBS	001175	04.19	34.958	27.75		1487.1							
14.5	DBS	001992	03.56	34.946	27.81		1498.2							
	STD	02000	03.55	34.95	27.81		1498.3							
	STD	02500	03.16	34.93	27.84		1505.2							
14.9	DBS	02523	03.14	34.933	27.84		1505.5							
	STD	03000	02.80	34.93	27.87		1512.3							
14.9	DBS	03050	02.76	34.925	27.87		1512.9							
14.9	DBS	03491	02.37	34.910	27.89		1519.0							
14.9	DBS	0359R	02.31	34.906	27.89		1520.6							

TABLE X. Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC HAMILTON, S-10
September 1972, Prepared from NODC Listing No. 31 2137. Continued

REF ID 31 2137 YEAR 1972 BUOY 0329 AIR TEMP 16.2 DIR HGT PER WIND-DIR 34 INST NANSEN CAST TEN SO 1306
 CONSEC 0007 MONTH 09 SHIP HT WET BULB 14.9 03 5 4 WIND-SPD 25 TRALE DIR 5 SQUARE 2
 LAT 44 19 N DAY 09 DATA USE 1 BAROMETR 1012.5 SEA WIND-FUR DURATION 2 SQUARE 46
 LONG 047 32 W HOUR 18.4 AREA 05 CLOUD T/A 678 CL/TR WEAHTER X4 DRIG A3 059 1 SQUARE 47

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNDEPTH	SPD VEL	OXYG	PU4	TOT P	NO2	NO3	SIO3	PH
18.4	STD	00000	17.46	33.07	23.85	00.000	1513.4							
	UBS	00000	17.46	33.075	23.85		1513.4							
	STD	00010	11.90	33.03	25.10	00.035	1494.6							
	STD	00020	07.33	32.99	25.61	00.060	1475.0							
18.4	UBS	00024		32.972										
	STD	00030	04.15	33.05	26.24	00.080	1465.4							
18.4	UBS	00048	01.94	33.476	26.74		1456.6							
	STD	00050	02.49	33.53	26.78	00.111	1451.2							
18.4	UBS	00073	06.34	34.320	26.99		1476.7							
	STD	00075	06.24	34.31	27.00	00.140	1476.4							
18.4	UBS	00097	05.62	34.249	27.03		1474.1							
	STD	00100	05.77	34.28	27.03	00.167	1474.9							
	STD	00125	06.82	34.50	27.07	00.192	1479.7							
18.4	UBS	00145	07.45	34.628	27.10		1482.3							
	STD	00150	07.39	34.64	27.10	00.218	1482.6							
18.4	UBS	T00194	07.45	34.747	27.18		1483.7							
	STD	00200	07.42	34.74	27.18	00.266	1483.6							
	STD	00250	06.21	34.65	27.27	00.310	1479.6							
18.4	UBS	T00256	05.55	34.627	27.34		1477.0							
	STD	00300	05.55	34.64	27.34	00.351	1477.7							
18.4	UBS	T00393	05.55	34.615	27.48		1479.5							
	STD	00400	05.49	34.62	27.44	00.423	1474.4							
18.4	UBS	T00495	04.89	34.869	27.61		1474.5							
	STD	00500	04.88	34.87	27.61	00.482	1476.6							
18.4	UBS	T00592	04.68	34.914	27.67		1479.3							
	STD	00600	04.66	34.91	27.67	00.535	1479.4							
	STD	00700	04.44	34.91	27.69	00.584	1480.1							
18.4	UBS	T00786	04.29	34.912	27.71		1480.7							
	STD	00800	04.28	34.91	27.71	00.633	1481.1							
	STD	00900	04.18	34.92	27.72	00.680	1482.4							
18.4	UBS	T00946	04.11	34.918	27.73		1483.5							
18.4	UBS	T01461	03.84	34.927	27.77		1490.7							

REF ID 31 2137 YEAR 1972 BUOY 03539 AIR TEMP 16.4 DIR HGT PER WIND-DIR 23 INST NANSEN CAST TEN SO 1306
 CONSEC 0009 MONTH 09 SHIP HT WET BULB 14.6 03 5 4 WIND-SPD 23 TRALE DIR 5 SQUARE 2
 LAT 44 23 N DAY 09 DATA USE 1 BAROMETR 1014.0 SEA WIND-FUR DURATION 2 SQUARE 46
 LONG 047 54 W HOUR 21.6 AREA 05 CLOUD T/A 878 CL/TR WEAHTER X2 DRIG A3 059 1 SQUARE 47

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNDEPTH	SPD VEL	OXYG	PU4	TOT P	NO2	NO3	SIO3	PH
21.6	STD	00000	18.11	32.97	23.72	00.000	1514.4							
	UBS	00000	18.11	32.973	23.72		1514.4							
	STD	00010	13.34	32.95	24.76	00.037	1499.6							
	STD	00020	09.33	32.92	25.46	00.066	1485.6							
21.6	UBS	00025	07.61	32.905	25.71		1479.1							
	STD	00030	05.71	33.02	26.05	00.088	1471.8							
21.6	UBS	00049	02.01	33.517	26.81		1457.1							
	STD	00050	02.20	33.56	26.82	00.120	1451.0							
21.6	UBS	00074	05.65	34.262	27.03		1473.9							
	STD	00075	05.72	34.28	27.04	00.149	1474.2							
21.6	UBS	00098	06.86	34.557	27.11		1479.5							
	STD	00100	06.86	34.56	27.11	00.174	1479.6							
	STD	00125	06.85	34.62	27.16	00.198	1480.0							
21.6	UBS	00147	06.84	34.650	27.19		1480.4							
	STD	00150	06.81	34.65	27.19	00.221	1480.3							
	STD	00200	06.26	34.66	27.27	00.264	1479.0							
21.6	UBS	T00201	06.25	34.664	27.28		1478.9							
	STD	00250	05.27	34.66	27.40	00.303	1475.8							
21.6	UBS	T00299	04.86	34.656	27.44		1474.9							
	STD	00300	04.87	34.66	27.44	00.339	1475.0							
21.6	UBS	T00397	05.73	34.944	27.56		1480.4							
	STD	00400	05.72	34.95	27.57	00.402	1480.5							
	STD	00500	05.47	35.03	27.67	00.456	1481.2							
21.6	UBS	00500	05.47	35.034	27.67		1481.2							
21.6	UBS	T00598	04.53	34.921	27.69		1478.8							
	STD	00600	04.52	34.92	27.69	00.505	1478.8							
	STD	00700	04.22	34.90	27.71	00.552	1479.2							
21.6	UBS	00794	04.05	34.887	27.71		1480.0							
	STD	00800	04.05	34.89	27.72	00.599	1480.1							
	STD	00900	04.04	34.95	27.76	00.644	1481.9							
21.6	UBS	T00995	04.04	34.992	27.80		1483.5							
21.6	UBS	T01495	03.87	34.976	27.80		1491.1							

TABLE X.-Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC HAMILTON, S-10
September 1972, Prepared from NODC Listing No. 31-2137.—Continued

REFID 31 2137 YEAR 1972 STOPT 03292 AIR TEMP 15.2 DIR HGT PER WIND-DIR 35 INST NANSEN CAST TEN SQ 1306
 CUNSEC 0009 MONTH 09 SHIP HT WET BULB 14.1 J3 5 4 WIND-SPD 23 TRACE DIR 5 SQUARE 2
 LAT 44 24 N DAY 10 DATA USE 1 BAROMETR 1014.8 SEA WIND-FUR 2 S SQUARE 48
 LONG 048 04 W HOUR 00.3 AREA 05 CLOUD T/A 6/6 CL/TR WEATHER X6 ORIG A3 059 1 SQUARE 48

CASID	NUM	TIME	LVL	TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNDEPTH	SND VEL	UXYG	P04	TOT P	NO2	NO3	SI03	PH
				ST0	00000	18.08	33.31	23.75	00.000	1514.4							
				08S	00000	18.08	33.314	23.75		1514.4							
				ST0	00010	13.52	32.82	24.63	00.037	1500.1							
				ST0	00020	09.51	32.63	25.21	00.068	1485.9							
				08S	00029	06.68	32.481	25.50		1474.9							
				ST0	00030	05.79	32.55	25.67	00.093	1471.5							
				ST0	00050	00.57	33.22	26.67	00.131	1450.2							
				08S	00051	00.48	33.257	26.70		1449.9							
				ST0	00075	04.49	34.06	27.01	00.161	1468.9							
				08S	00079	04.87	34.138	27.03		1470.0							
				ST0	00100	05.44	34.31	27.10	00.187	1473.5							
				08S	00102	05.48	34.329	27.11		1473.8							
				ST0	00125	05.65	34.46	27.15	00.210	1475.0							
				ST0	00150	05.83	34.54	27.23	00.233	1476.2							
				08S	00153	05.85	34.547	27.24		1476.4							
				ST0	00200	04.92	34.52	27.32	00.274	1473.3							
				08S	T00205	04.88	34.516	27.33		1473.2							
				ST0	00250	05.69	34.74	27.41	00.311	1477.6							
				ST0	00300	06.18	34.91	27.48	00.345	1480.6							
				08S	00307	06.22	34.932	27.49		1480.9							
				ST0	00400	05.85	35.01	27.60	00.406	1481.1							
				08S	T00409	05.81	35.014	27.61		1481.1							
				ST0	00500	05.44	34.99	27.64	00.460	1481.1							
				08S	00512	05.39	34.992	27.64		1481.0							
				ST0	00600	04.92	34.99	27.70	00.510	1480.6							
				08S	T00616	04.89	34.992	27.71		1480.5							
				ST0	00700	04.70	34.99	27.72	00.557	1481.3							
				ST0	00800	04.52	34.98	27.74	00.603	1482.2							
				08S	00829	04.47	34.979	27.74		1482.5							
				ST0	00900	04.34	34.97	27.75	00.648	1483.1							
				ST0	01000	04.18	34.96	27.76	00.693	1484.1							
				08S	T01041	04.12	34.959	27.76		1484.5							
				08S	T01581	03.67	34.940	27.79		1491.7							

REFID 31 2137 YEAR 1972 STOPT 03023 AIR TEMP 14.8 DIR HGT PER WIND-DIR 34 INST NANSEN CAST TEN SQ 1306
 CUNSEC 0010 MONTH 09 SHIP HT WET BULB 13.6 J3 5 4 WIND-SPD 16 TRACE DIR 5 SQUARE 2
 LAT 44 27 N DAY 10 DATA USE 1 BAROMETR 1014.5 SEA WIND-FUR 2 S SQUARE 48
 LONG 048 21 W HOUR 03.0 AREA 05 CLOUD T/A 4/6 CL/TR WEATHER X1 ORIG A3 059 1 SQUARE 48

CASID	NUM	TIME	LVL	TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNDEPTH	SND VEL	UXYG	P04	TOT P	NO2	NO3	SI03	PH
				ST0	00000	17.99	33.21	23.93	00.000	1514.3							
				08S	00000	17.99	33.209	23.93		1514.3							
				ST0	00010	17.20	33.12	24.05	00.039	1512.0							
				ST0	00020	16.41	33.03	24.16	00.078	1505.7							
				08S	00024	16.09	32.993	24.21		1508.7							
				ST0	00030	10.35	33.05	25.39	00.109	1489.6							
				08S	00047	00.80	33.315	26.73		1451.4							
				ST0	00050	01.25	33.42	26.76	00.148	1453.6							
				08S	00070	03.72	33.964	27.01		1465.4							
				ST0	00075	04.19	34.06	27.04	00.177	1467.6							
				08S	00094	05.47	34.343	27.12		1473.0							
				ST0	00100	05.42	34.36	27.14	00.202	1473.5							
				ST0	00125	05.27	34.44	27.22	00.225	1473.4							
				08S	00140	05.24	34.488	27.26		1473.6							
				ST0	00150	05.30	34.53	27.25	00.246	1474.1							
				08S	T00191	05.48	34.695	27.40		1475.7							
				ST0	00200	05.50	34.73	27.42	00.283	1476.0							
				ST0	00250	05.59	34.85	27.51	00.316	1477.3							
				08S	00284	05.65	34.884	27.53		1478.2							
				ST0	00300	05.17	34.83	27.54	00.346	1476.4							
				08S	T00376	04.00	34.745	27.61		1472.7							
				ST0	00400	04.40	34.83	27.63	00.401	1474.9							
				08S	00473	05.13	35.002	27.66		1479.3							
				ST0	00500	05.10	35.01	27.69	00.450	1479.7							
				08S	T00565	05.02	35.017	27.71		1480.4							
				ST0	00600	04.96	35.02	27.71	00.497	1480.8							
				ST0	00700	04.78	35.01	27.73	00.543	1481.7							
				08S	T00751	04.68	35.007	27.74		1482.1							
				ST0	00800	04.54	34.99	27.74	00.589	1482.3							
				ST0	00900	04.30	34.97	27.75	00.633	1483.0							
				08S	T00943	04.21	34.964	27.76		1483.3							
				08S	T01429	03.74	34.942	27.79		1489.4							
				ST0	01500	03.69	34.94	27.79		1490.4							
				ST0	01750	03.52	34.94	27.81		1493.9							
				ST0	02000	03.35	34.94	27.83		1497.4							
				08S	02090	03.29	34.945	27.84		1498.7							
				ST0	02500	03.01	34.94	27.85		1504.5							
				08S	T02645	02.92	34.93	27.86		1506.6							
				08S	02938	02.74	34.929	27.87		1510.9							
				ST0	03000	02.69	34.93	27.88		1511.8							
				08S	T03048	02.64	34.925	27.88		1512.4							

TABLE X. Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC HAMILTON, 8-10 September 1972, Prepared from NOAA Listing No. 31-2137.- Continued

REF ID	31	2137	YEAR	1972	HOTOP	02498	AIR TEMP	15.0	DIR FGT PER	WIND-DIR	34	INST NANSEN	CAS	TEN SQ	1306				
CONSEL	0011		MONTH	09	SHIP HT		NET BULB	13.8	02	3	4	TRACE DIR		5	SQUARE	2			
LAT	44	23	N	LAY	10	DATA USE	1	BAROMETR	1014.7	SEA		DURATION		2	SQUARE	48			
LONG	048	37	W	HOUR	09.4	AREA	05	CLOUD T/A	6/8	CL/TR		WEATHER	X4	ORIG	A3	059	1	SQUARE	48

CASTNO/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	SYNDEPTH	SNO VEL	UXYG	PU4	TOT P	NO2	NO3	SI03	PH
09.4	STD	00000	18.00	33.11	23.85	00.000	1514.2							
	085	00000	18.00	33.110	23.85		1514.2							
	STD	00010	17.72	33.10	23.91	00.040	1513.6							
	STD	00020	17.44	33.09	23.96	00.080	1512.9							
09.4	085	00024	17.33	33.062	23.99		1512.6							
	STD	00030	13.01	33.16	24.99	00.115	1499.1							
09.4	085	00049	04.23	33.464	26.56		1466.6							
	STD	00050	04.16	33.49	26.59	00.159	1466.3							
09.4	085	00073	03.77	33.990	27.03		1465.7							
	STD	00075	04.03	34.04	27.04	00.191	1466.9							
09.4	085	00093	06.18	34.463	27.13		1476.7							
	STD	00100	06.14	34.46	27.13	00.216	1476.6							
	STD	00125	05.68	34.47	27.19	00.239	1475.1							
09.4	085	00147	05.30	34.478	27.25		1474.0							
	STD	00150	05.24	34.48	27.26	00.261	1473.8							
	STD	00200	04.52	34.53	27.38	00.300	1471.7							
09.4	085	100201	04.51	34.527	27.38		1471.7							
	STD	00250	04.45	34.64	27.47	00.334	1472.4							
09.4	085	00299	04.36	34.721	27.55		1472.9							
	STD	00300	04.35	34.72	27.55	00.365	1472.9							
09.4	085	100397	04.11	34.784	27.62		1473.6							
	STD	00400	04.15	34.79	27.63	00.419	1473.8							
	STD	00500	04.65	34.97	27.69	00.469	1478.6							
09.4	085	00500	04.85	34.966	27.69		1478.6							
09.4	085	100599	04.57	34.954	27.71		1479.1							
	STD	00600	04.57	34.95	27.71	00.516	1479.1							
	STD	00700	04.53	34.97	27.73	00.561	1480.6							
09.4	085	100795	04.43	34.974	27.74		1481.8							
	STD	00800	04.42	34.97	27.74	00.607	1481.8							
	STD	00900	04.21	34.96	27.76	00.651	1482.6							
09.4	085	100996	04.04	34.953	27.77		1483.4							
09.4	085	101497	03.72	34.945	27.79		1490.5							

REF ID	31	2137	YEAR	1972	HOTOP	01179	AIR TEMP	12.1	DIR FGT PER	WIND-DIR	00	INST NANSEN	CAS	TEN SQ	1306				
CONSEL	0012		MONTH	09	SHIP HT		NET BULB	11.4	05	2	4	TRACE DIR		5	SQUARE	2			
LAT	44	32	N	JAY	10	DATA USE	1	BAROMETR	1013.5	SEA		DURATION		2	SQUARE	48			
LONG	048	58	W	HOUR	13.7	AREA	05	CLOUD T/A	X/9	CL/TR		WEATHER	X4	ORIG	A3	059	1	SQUARE	48

CASTNO/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	SYNDEPTH	SNO VEL	UXYG	PU4	TOT P	NO2	NO3	SI03	PH
13.7	STD	00000	10.36	31.77	24.40	00.000	1487.6							
	085	00000	10.36	31.775	24.40		1487.6							
	STD	00010	06.75	32.03	25.14	00.032	1474.3							
	STD	00020	03.73	32.31	25.65	00.058	1462.6							
13.7	085	00025		32.456										
	STD	00030	01.45	32.67	26.17	00.078	1453.1							
13.7	085	00049	- 1.24	33.235	26.75		1441.9							
	STD	00050	- 1.25	33.24	26.76	00.110	1441.9							
13.7	085	00074	- 1.23	33.407	26.89		1442.4							
	STD	00075	- 1.27	33.41	26.90	00.141	1442.4							
13.7	085	00099	- 1.05	33.347	27.00		1444.0							
	STD	00100	- 1.05	33.55	27.00	00.168	1444.1							
	STD	00125	- 0.82	33.71	27.12	00.193	1445.8							
13.7	085	00148	- 0.44	33.947	27.22		1448.1							
	STD	00150	- 0.36	33.86	27.23	00.216	1448.5							
	STD	00200	01.08	34.17	27.40	00.255	1456.3							
13.7	085	100203	01.14	34.188	27.40		1456.8							
	STD	00250	02.32	34.43	27.51	00.287	1463.0							
	STD	00300	03.15	34.61	27.58	00.315	1467.6							
13.7	085	00362	03.17	34.615	27.58		1467.8							
	STD	00400	03.54	34.71	27.62	00.367	1471.1							
13.7	085	100401	03.54	34.711	27.62		1471.1							
	STD	00500	03.73	34.76	27.65	00.418	1473.7							
13.7	085	00505	03.74	34.767	27.65		1473.8							
	STD	00600	03.88	34.80	27.66	00.467	1476.0							
13.7	085	100604	03.88	34.802	27.66		1476.1							
	STD	00700	03.88	34.83	27.65	00.516	1477.7							
	STD	00800	03.66	34.86	27.71	00.564	1479.3							
13.7	085	100802	03.86	34.856	27.71		1479.3							
	STD	00900	03.52	34.86	27.71	00.611	1480.8							
	STD	01000	03.78	34.87	27.72	00.659	1482.3							
13.7	085	101006	03.78	34.866	27.72		1482.4							
13.7	085	101020	03.62	34.677	27.73		1484.0							

TABLE X.- Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC HAMILTON, 8-10 September 1972. Prepared from NODC Listing No. 31-2137.—Continued

REFID 31 2137 YEAR 1972 STUTOP 00508 AIR TEMP 12.3 DIR HGT PER WIND-DIR Z4 INST NANSEN CAST TEN SQ 1306
 CONSEC 0013 MONTH 04 SHIP HT WET BULB 11.7 05 3 4 WIND-SPD 10 TRACE DIR 5 SQUARE 2
 LAT 49 36 N DAY 10 DATA USE 1 BAROMETR 1012.6 SEA WIND-FUR CAPTION 2 SQUARE 48
 LON 049 05 W HOUR 16.1 AREA 05 CLOUD T/A X79 CL/TR WEATHER X4 DRIG A3 059 1 SQUARE 49

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SND VEL	ORYG	P04	TOT P	ND2	ND3	ST03	PH
	STD	00000	09.56	31.68	24.45	00.003	1484.5							
16.1	0BS	00000	09.50	31.677	24.45		1484.5							
	STD	00010	09.61	32.35	25.52	00.030	1470.4							
	STD	00020	12.61	32.83	26.21	00.051	1459.3							
16.1	0BS	00025	01.34	32.997	26.43		1455.2							
	STD	00030	00.53	33.32	26.50	00.068	1447.3							
16.1	0BS	00044	- 1.64	33.108	26.66		1439.8							
	STD	00050	- 1.62	33.12	26.67	00.097	1439.4							
16.1	0BS	00074	- 1.44	33.285	26.80		1441.4							
	STD	00075	- 1.45	33.29	26.80	00.130	1441.4							
16.1	0BS	00099	- 1.64	33.465	26.87		1441.0							
	STD	00100	- 1.63	33.37	26.87	00.160	1441.1							
	STD	00115	- 1.30	33.45	26.93	00.189	1443.2							
16.1	0BS	00148	- 1.04	33.526	26.98		1444.9							
	STD	00150	- 1.03	33.53	26.98	00.217	1445.0							
	STD	00200	- 0.70	33.64	27.06	00.269	1447.5							
16.1	0BS	00247	- 0.50	33.354	27.22		1447.9							
	STD	00250	- 0.26	33.68	27.24	00.315	1450.6							
	STD	00300	01.35	34.23	27.43	00.352	1459.3							
16.1	0BS	00302	01.40	34.241	27.43		1459.5							
	STD	00400	02.56	34.49	27.54	00.415	1466.6							
16.1	0BS	100401	02.57	34.488	27.54		1466.7							
16.1	0BS	100495	02.63	34.512	27.55		1466.5							

REFID 31 2137 YEAR 1972 STUTOP 00302 AIR TEMP 12.4 DIR HGT PER WIND-DIR 15 INST NANSEN CAST TEN SQ 1306
 CONSEC 0014 MONTH 04 SHIP HT WET BULB 11.2 07 4 4 WIND-SPD 06 TRACE DIR 5 SQUARE 2
 LAT 49 40 N DAY 10 DATA USE 1 BAROMETR 1010.4 SEA WIND-FUR CAPTION 2 SQUARE 48
 LON 049 20 W HOUR 17.8 AREA 05 CLOUD T/A 778 CL/TR WEATHER X2 DRIG A3 059 1 SQUARE 49

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SND VEL	ORYG	P04	TOT P	ND2	ND3	ST03	PH
	STD	00000	10.72	31.58	24.19	00.000	1488.6							
17.8	0BS	00000	10.72	31.581	24.19		1488.6							
	STD	00010	09.99	32.33	25.47	00.031	1471.7							
	STD	00020	02.44	32.84	26.23	00.051	1457.6							
17.8	0BS	00025	01.10	33.000	26.46		1451.9							
	STD	00030	00.06	33.31	26.52	00.070	1447.3							
17.8	0BS	00045	- 1.32	33.053	26.61		1441.2							

TABLE XI.— Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC DALLAS, 7-9 March 1971, Prepared from NODC Listing No. 31-8257.

REF ID: A1 8257 YEAR: 1971 BU TOP: 05212 AIR TEMP: 16.3 OIR HGT PER: WIND-DIR 29 INST STO RECORDER TEN SQ 1207
 CONS LC: 0001 MONTH: 03 SHIP DG: MET BULB: 15.5 28 5 2 WIND-SPD 20 TRACE OIR: 0 5 SQUARE 3
 LAT: 37 24 N DAY: 07 DATA USE: 1 BAROMETR: 1033.3 SEA: WIND-FOR: DURATION: 00.4 2 SQUARE 60
 LONG: 050 20 W HOUR: 22.2 AREA: 05 CLOUD: 1/4 CL/TP: WEATHER: XI ORIG: 44 025 1 SQUARE 70

CAS/STN/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	UYN/PTH	SNO/VEL	JXYG	PJ4	TOT P	NO2	NO3	SI03	PH
22.2	STO	00000	16.88	36.37	26.61	00.000	1514.8							
	08S	00000	16.88	36.37	26.61		1514.8							
	STO	00010	16.86	36.37	26.62	00.014	1515.0							
	08S	00010	16.86	36.37	26.62		1515.0							
	STO	00020	16.88	36.37	26.61	00.028	1515.2							
	08S	00020	16.88	36.37	26.61		1515.2							
	STO	00030	16.88	36.37	26.61	00.043	1515.3							
	08S	00030	16.88	36.37	26.61		1515.3							
	STO	00050	16.89	36.37	26.61	00.072	1515.7							
	08S	00050	16.89	36.37	26.61		1515.7							
	STO	00075	16.90	36.37	26.61	00.108	1516.1							
	08S	00075	16.90	36.37	26.61		1516.1							
	STO	00100	16.90	36.38	26.61	00.145	1516.6							
	08S	00100	16.90	36.38	26.61		1516.6							
	STO	00125	16.90	36.38	26.61	00.182	1517.0							
	08S	00125	16.90	36.38	26.61		1517.0							
	STO	00150	16.91	36.38	26.61	00.219	1517.4							
	08S	00150	16.91	36.38	26.61		1517.4							
	STO	00200	16.91	36.38	26.61	00.293	1518.2							
	08S	00200	16.91	36.38	26.61		1518.2							
	STO	00250	16.79	36.34	26.61	00.369	1518.6							
	08S	00250	16.79	36.34	26.61		1518.6							
	STO	00300	16.34	36.24	26.64	00.445	1518.0							
	08S	00300	16.34	36.24	26.64		1518.0							
	STO	00400	15.44	36.07	26.72	00.593	1516.6							
	08S	00400	15.44	36.07	26.72		1516.6							
	STO	00450	14.78	35.95	26.77		1515.2							
	08S	00450	14.78	35.95	26.77		1515.2							
	STO	00500	14.48	35.97	26.85	00.734	1515.1							
	08S	00500	14.48	35.97	26.85		1515.1							
	STO	00600	13.44	35.80	26.94	00.866	1513.2							
	08S	00600	13.44	35.80	26.94		1513.2							
	STO	00700	11.96	35.57	27.06	00.990	1509.5							
	08S	00700	11.96	35.57	27.06		1509.5							
	STO	00800	10.16	35.34	27.21	01.102	1504.6							
	08S	00800	10.16	35.34	27.21		1504.6							
	STO	00900	08.26	35.16	27.38	01.158	1498.9							
	08S	00900	08.26	35.16	27.38		1498.9							
	STO	01000	07.12	35.14	27.53	01.278	1496.2							
	08S	01000	07.12	35.14	27.53		1496.2							
	STO	01100	06.17	35.08	27.61	01.347	1494.0							
	08S	01100	06.17	35.08	27.61		1494.0							
	STO	01200	05.45	35.06	27.69	01.407	1492.8							
	08S	01200	05.45	35.06	27.69		1492.8							
	STO	01300	05.01	35.04	27.73	01.462	1492.6							
	08S	01300	05.01	35.04	27.73		1492.6							
	STO	01340	05.08	35.06	27.73		1493.6							
	08S	01340	05.08	35.06	27.73		1493.6							
	STO	01400	04.98	35.06	27.75	01.515	1494.2							
	08S	01400	04.98	35.06	27.75		1494.2							
	STO	01490	04.81	35.07	27.77		1495.0							
	08S	01490	04.81	35.07	27.77		1495.0							
	STO	01500	04.77	35.07	27.78	01.566	1495.1							
	08S	01500	04.77	35.07	27.78		1495.1							
	STO	01750	04.26	35.01	27.79	01.690	1497.1							
	08S	01750	04.26	35.01	27.79		1497.1							
	STO	01780	04.16	35.01	27.80		1497.3							
	08S	01780	04.16	35.01	27.80		1497.3							
	STO	01820	04.30	35.04	27.81		1498.5							
	08S	01820	04.30	35.04	27.81		1498.5							
	STO	01840	04.19	35.02	27.80		1498.3							
	08S	01840	04.19	35.02	27.80		1498.3							
	STO	01880	04.30	35.04	27.81		1499.5							
	08S	01880	04.30	35.04	27.81		1499.5							
	STO	01920	04.04	34.99	27.80		1499.0							
	08S	01920	04.04	34.99	27.80		1499.0							
	STO	01930	04.12	35.02	27.81		1499.6							
	08S	01930	04.12	35.02	27.81		1499.6							
	STO	02000	03.88	34.98	27.80	01.813	1499.7							
	08S	02000	03.88	34.98	27.80		1499.7							
	STO	02500	03.52	34.98	27.84	02.053	1506.7							
	08S	02500	03.52	34.98	27.84		1506.7							
	STO	03000	03.11	34.96	27.86	02.287	1513.6							
	08S	03000	03.11	34.96	27.86		1513.6							

TABLE XI.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC DALLAS, 7-9 March 1971, Prepared from NODC Listing No. 31-S257.—Continued

REFID 31 8257 YEAR 1971 BCTOP 05486 AIK TEMP 17.3 DTK HGT PER WIND-DIR 05 INSI STD RECORDER TEN SW 1207
 CONSEC 0002 MONTH 03 SHIP DG WET BULB 15.6 S1 5 2 WIND-SPD 12 TRACE UR 0 5 SQUARE 3
 LAT 37 50 N DAY 08 DATA USE 1 BAROMETR 1030.2 SEA WIND-FOR DURATION 00.2 2 SQUARE 60
 LONG 050 20 W HOUR 01.4 AREA 05 CLOUD T/A CL/TRK WEATHER X1 DRIG A4 025 1 SQUARE 70

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYN DPTH	SND VEL	OXYG	PJ4	TOT P	NO2	NO3	SIJ3	PH
01.4	STO	00000	16.53	36.31	26.64	00.000	1513.9							
	OBS	00000	16.53	36.31	26.64		1513.9							
	STO	00010	16.54	36.31	26.64	00.014	1514.0							
	OBS	00010	16.54	36.31	26.64		1514.0							
	STO	00020	16.58	36.32	26.64	00.028	1514.2							
	OBS	00020	16.58	36.32	26.64		1514.2							
	STO	00030	16.59	36.32	26.64	00.042	1514.4							
	OBS	00030	16.59	36.32	26.64		1514.4							
	STO	00050	16.59	36.32	26.64	00.070	1514.7							
	OBS	00050	16.59	36.32	26.64		1514.7							
	STO	00075	16.59	36.32	26.64	00.106	1515.1							
	OBS	00075	16.59	36.32	26.64		1515.1							
	STO	00100	16.59	36.33	26.65	00.142	1515.6							
	OBS	00100	16.59	36.33	26.65		1515.6							
	STO	00125	16.60	36.33	26.65	00.178	1516.0							
	OBS	00125	16.60	36.33	26.65		1516.0							
	STO	00150	16.60	36.33	26.65	00.214	1516.4							
	OBS	00150	16.60	36.33	26.65		1516.4							
	STO	00200	16.61	36.34	26.65	00.267	1517.3							
	OBS	00200	16.61	36.34	26.65		1517.3							
	STO	00250	16.62	36.34	26.65	00.361	1518.1							
	OBS	00250	16.62	36.34	26.65		1518.1							
	STO	00300	16.63	36.34	26.65	00.435	1519.0							
	OBS	00300	16.63	36.34	26.65		1519.0							
	STO	00350	16.63	36.33	26.64		1519.3							
	OBS	00350	16.63	36.33	26.64		1519.3							
	STO	00400	16.11	36.23	26.69	00.585	1516.9							
	OBS	00400	16.11	36.23	26.69		1516.9							
	STO	00500	14.98	36.03	26.79	00.731	1516.3							
	OBS	00500	14.98	36.03	26.79		1516.3							
	STO	00600	14.13	35.88	26.86	00.870	1515.5							
	OBS	00600	14.13	35.88	26.86		1515.5							
	STO	00700	12.92	35.65	26.93	01.005	1512.9							
	OBS	00700	12.92	35.65	26.93		1512.9							
	STO	00730	12.49	35.64	27.01		1511.9							
	OBS	00730	12.49	35.64	27.01		1511.9							
	STO	00800	11.57	35.52	27.09	01.130	1509.8							
	OBS	00800	11.57	35.52	27.09		1509.8							
	STO	00865	09.89	35.20	27.15		1504.5							
	OBS	00865	09.89	35.20	27.15		1504.5							
	STO	00880	09.49	35.27	27.27		1503.3							
	OBS	00880	09.49	35.27	27.27		1503.3							
	STO	00900	09.27	35.25	27.29	01.238	1502.8							
	OBS	00900	09.27	35.25	27.29		1502.8							
	STO	00940	08.09	35.14	27.39		1499.3							
	OBS	00940	08.09	35.14	27.39		1499.3							
	STO	00975	08.22	35.20	27.42		1500.1							
	OBS	00975	08.22	35.20	27.42		1500.1							
	STO	01000	08.01	35.22	27.46	01.327	1499.7							
	OBS	01000	08.01	35.22	27.46		1499.7							
	STO	01100	06.97	35.14	27.55	01.403	1497.3							
	OBS	01100	06.97	35.14	27.55		1497.3							
	STO	01130	06.71	35.14	27.59		1496.6							
	OBS	01130	06.71	35.14	27.59		1496.6							
	STO	01145	06.69	35.17	27.62		1497.0							
	OBS	01145	06.69	35.17	27.62		1497.0							
	STO	01190	06.54	35.16	27.63		1497.1							
	OBS	01190	06.54	35.16	27.63		1497.1							
	STO	01200	06.50	35.18	27.65	01.471	1497.1							
	OBS	01200	06.50	35.18	27.65		1497.1							
	STO	01225	06.52	35.23	27.69		1497.7							
	OBS	01225	06.52	35.23	27.69		1497.7							
	STO	01300	06.04	35.20	27.73	01.531	1497.0							
	OBS	01300	06.04	35.20	27.73		1497.0							
	STO	01400	05.77	35.17	27.74	01.587	1497.6							
	OBS	01400	05.77	35.17	27.74		1497.6							
	STO	01500	05.40	35.14	27.76	01.641	1497.7							
	OBS	01500	05.40	35.14	27.76		1497.7							

TABLE XI.- Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC DALLAS, 7-9 March 1971, Prepared from NODC Listing No. 31-8257.- Continued

REFID 31 8257	YEAR 1971	BOTOP 05303	AIR TEMP 17.2	DIR HGT PER	WIND-DIR 24	INST STJ RECGROR	TEN SQ 1207
CONSEC 0003	MONTH 03	SHIP 06	WET HULB 16.2	28 5 2	WIND-SPD 25	TRACE DIR 0	5 SQUARE 3
LAT 38 19 N	DAY 08	DATA USE 1	BAROMETR 1016.6	SEA	WIND-FDR	DURATION 03.2	2 SQUARE 80
LONG 050 20 W	HOOR 04.7	AREA 05	CLOUD T/A	CL/TR	WEATHER K1	URIG A4 025	1 SQUARE 80

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	XYG	P34	TOT P	NO2	NO3	SI33	PH
04.7	STO	00000	16.98	36.37	26.59	00.000	1515.1							
	OBS	00000	16.98	36.37	26.59		1515.1							
	STO	00010	16.98	36.37	26.59	00.014	1515.3							
	OBS	00010	16.98	36.37	26.59		1515.3							
	STO	00020	16.99	36.38	26.59	00.029	1515.5							
	OBS	00020	16.99	36.38	26.59		1515.5							
	STO	00030	16.99	36.38	26.59	00.043	1515.7							
	OBS	00030	16.99	36.38	26.59		1515.7							
	STO	00050	16.99	36.38	26.59	00.073	1516.0							
	OBS	00050	16.99	36.38	26.59		1516.0							
	STO	00075	17.00	36.39	26.60	00.110	1516.5							
	OBS	00075	17.00	36.39	26.60		1516.5							
	STO	00100	17.00	36.39	26.60	00.147	1516.9							
	OBS	00100	17.00	36.39	26.60		1516.9							
	STO	00125	17.01	36.39	26.60	00.184	1517.3							
	OBS	00125	17.01	36.39	26.60		1517.3							
	STO	00150	17.01	36.39	26.60	00.221	1517.7							
	OBS	00150	17.01	36.39	26.60		1517.7							
	STO	00200	17.01	36.40	26.60	00.296	1518.5							
	OBS	00200	17.01	36.40	26.60		1518.5							
	STO	00250	17.02	36.40	26.60	00.372	1519.4							
	OBS	00250	17.02	36.40	26.60		1519.4							
	STO	00300	17.01	36.40	26.60	00.449	1520.2							
	OBS	00300	17.01	36.40	26.60		1520.2							
	OBS	00350	16.98	36.39	26.60		1520.9							
	STO	00400	16.72	36.31	26.60	00.605	1520.9							
	OBS	00400	16.72	36.31	26.60		1520.9							
	STO	00500	15.77	36.17	26.72	00.759	1519.4							
	OBS	00500	15.77	36.17	26.72		1519.4							
	STO	00600	14.36	35.93	26.85	00.903	1516.3							
	OBS	00600	14.36	35.93	26.85		1516.3							
	STO	00700	12.78	35.67	26.97	01.036	1512.5							
	OBS	00700	12.78	35.67	26.97		1512.5							
	STO	00800	10.96	35.45	27.15	01.156	1507.6							
	OBS	00800	10.96	35.45	27.15		1507.6							
	STO	00900	09.40	35.30	27.31	01.259	1503.4							
	OBS	00900	09.40	35.30	27.31		1503.4							
	STO	01000	07.84	35.21	27.48	01.347	1499.1							
	OBS	01000	07.84	35.21	27.48		1499.1							
	STO	01100	06.72	35.13	27.58	01.421	1496.3							
	OBS	01100	06.72	35.13	27.58		1496.3							
	STO	01200	06.26	35.15	27.66	01.486	1496.2							
	OBS	01200	06.26	35.15	27.66		1496.2							
	STO	01300	05.84	35.16	27.72	01.545	1496.2							
	OBS	01300	05.84	35.16	27.72		1496.2							
	STO	01400	05.44	35.16	27.77	01.599	1496.2							
	OBS	01400	05.44	35.16	27.77		1496.2							
	STO	01500	05.10	35.11	27.77	01.651	1496.5							
	OBS	01500	05.10	35.11	27.77		1496.5							

TABLE XI.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC DALLAS, 7-9 March 1971, Prepared from NOBC Listing No. 31-8257.—Continued

REF ID: A18257 YEAR: 1971 BOTDOP: 05121 AIR TEMP: 17.3 OIB PGT PER: 29 2 2 WIND-OIB: 33 INST STD RECORDER: TEN SQ 1207
 CURSEC: 0004 MONTH: 03 SHIP DG: WET BULB: 16.2 WIND-SPD: 14 TRACE OIB: D 5 SQUARE 3
 LAT: 38 55 N DAY: 08 DATA USE: 1 BAROMETR: 1015.4 WIND-FIR: DURATION: 00.2 2 SQUARE 80
 LCN: 050 20 # HOUR: 08.2 AREA: 05 CLOUD T/A: CL/TRK WEATHER: X1 DRIG: A4 025 1 SQUARE 80

CASINUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNDPTH	SND VEL	UXYG	P34	TDT P	NO2	NO3	SI03	PH
08.2	STD	00000	16.90	36.38	26.61	00.000	1514.7							
	085	00000	16.90	36.38	26.61		1514.9							
	STD	00010	16.91	36.38	26.61	00.014	1515.1							
	085	00010	16.91	36.38	26.61		1515.1							
	STD	00020	16.91	36.38	26.61	00.028	1515.3							
	085	00020	16.91	36.38	26.61		1515.3							
	STD	00030	16.91	36.38	26.61	00.043	1515.4							
	085	00030	16.91	36.38	26.61		1515.4							
	STD	00050	16.92	36.38	26.61	00.072	1515.8							
	085	00050	16.92	36.38	26.61		1515.8							
	STD	00075	16.92	36.39	26.62	00.108	1516.2							
	085	00075	16.92	36.39	26.62		1516.2							
	STD	00100	16.92	36.39	26.62	00.145	1516.6							
	085	00100	16.92	36.39	26.62		1516.6							
	STD	00125	16.93	36.39	26.61	00.181	1517.1							
	085	00125	16.93	36.39	26.61		1517.1							
	STD	00150	16.93	36.39	26.61	00.218	1517.5							
	085	00150	16.93	36.39	26.61		1517.5							
	STD	00175	16.93	36.40	26.62		1517.9							
	085	00175	16.93	36.40	26.62		1517.9							
	STD	00200	16.94	36.40	26.62	00.293	1518.3							
	085	00200	16.94	36.40	26.62		1518.3							
	STD	00220	16.92	36.39	26.62		1518.6							
	085	00220	16.92	36.39	26.62		1518.6							
	STD	00250	16.87	36.39	26.63	00.368	1518.9							
	085	00250	16.87	36.39	26.63		1518.9							
	STD	00300	16.79	36.37	26.63	00.443	1519.5							
	085	00300	16.79	36.37	26.63		1519.5							
	STD	00400	16.72	36.36	26.64	00.596	1520.9							
	085	00400	16.72	36.36	26.64		1520.9							
	STD	00445	16.61	36.33	26.64		1521.3							
	085	00445	16.61	36.33	26.64		1521.3							
	STD	00500	15.78	36.15	26.70	00.748	1519.4							
	085	00500	15.78	36.15	26.70		1519.4							
	STD	00600	14.18	35.87	26.84	00.894	1515.7							
	085	00600	14.18	35.87	26.84		1515.7							
	STD	00700	12.38	35.60	27.00	01.026	1511.0							
	085	00700	12.38	35.60	27.00		1511.0							
	STD	00800	10.36	35.36	27.19	01.142	1505.3							
	085	00800	10.36	35.36	27.19		1505.3							
	STD	00850	09.35	35.21	27.24		1502.3							
	085	00850	09.35	35.21	27.24		1502.3							
	STD	00900	08.68	35.24	27.38	01.239	1500.6							
	085	00900	08.68	35.24	27.38		1500.6							
	STD	01000	07.44	35.21	27.54	01.320	1497.5							
	085	01000	07.44	35.21	27.54		1497.5							
	STD	01100	06.72	35.21	27.64	01.388	1496.4							
	085	01100	06.72	35.21	27.64		1496.4							
	STD	01200	06.11	35.23	27.74	01.446	1495.7							
	085	01200	06.11	35.23	27.74		1495.7							
	STD	01300	05.60	35.16	27.75	01.499	1495.2							
	085	01300	05.60	35.16	27.75		1495.2							
	STD	01400	05.39	35.13	27.75	01.552	1496.0							
	085	01400	05.39	35.13	27.75		1496.0							
	STD	01500	04.99	35.11	27.78	01.604	1496.0							
	085	01500	04.99	35.11	27.78		1496.0							

TABLE XI.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC DALLAS, 7-9 March 1971, Prepared from NODC Listing No. 31-8257.—Continued

REF ID 31 8257 YEAR 1971 HDTDP 05577 AIR TEMP 17.3 DIR HGT PER WIND-DIR 23 INST STD RECORDER TEN SQ 1207
 CONSEC 0005 MONTH 03 SHIP OG WET BUB 15.6 24 5 3 WIND-SPO 23 TRACE DIR 0 5 SQUARE 3
 LAT 39 16 N DAY 08 DATA USE 1 BAROMETR 1015.7 SEA WIND-FJR WIND-DUR 00.2 2 SQUARE 80
 LONG 050 18 W HOUR 11.4 AREA 05 CLOUD T/A CL/TR WEATHER X2 ORIG A4 025 1 SQUARE 90

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SLMA-T	OYNPTH	SND VEL	CHYU	PU4	TOT P	NO2	NO3	SIU3	PH
11.4	STD	00000	17.05	36.39	26.59	00.000	1515.4							
	0BS	00000	17.05	36.39	26.59		1515.4							
	STD	00010	17.05	36.39	26.59	00.014	1515.5							
	0BS	00010	17.05	36.39	26.59		1515.5							
	STD	00020	17.06	36.39	26.58	00.029	1515.7							
	0BS	00020	17.06	36.39	26.58		1515.7							
	STD	00030	17.06	36.39	26.58	00.044	1515.9							
	0BS	00030	17.06	36.39	26.58		1515.9							
	STD	00050	17.06	36.39	26.58	00.073	1516.2							
	0BS	00050	17.06	36.39	26.58		1516.2							
	STD	00075	17.06	36.40	26.59	00.110	1516.6							
	0BS	00075	17.06	36.40	26.59		1516.6							
	STD	00100	17.07	36.40	26.59	00.147	1517.1							
	0BS	00100	17.07	36.40	26.59		1517.1							
	STD	00125	17.07	36.41	26.60	00.185	1517.5							
	0BS	00125	17.07	36.41	26.60		1517.5							
	STD	00150	17.07	36.41	26.60	00.222	1517.9							
	0BS	00150	17.07	36.41	26.60		1517.9							
	STD	00200	17.07	36.41	26.60	00.297	1518.7							
	0BS	00200	17.07	36.41	26.60		1518.7							
	STD	00250	17.05	36.39	26.59	00.374	1519.5							
	0BS	00300	17.03	36.39	26.59	00.451	1520.2							
	0BS	00300	17.03	36.39	26.59		1520.2							
	0BS	00370	16.98	36.40	26.61		1521.3							
	STD	00400	16.78	36.37	26.64	00.606	1521.1							
	0BS	00400	16.78	36.37	26.64		1521.1							
	STD	00500	15.33	36.07	26.74	00.757	1518.0							
	0BS	00500	15.33	36.07	26.74		1518.0							
	STD	00600	14.23	35.87	26.83	00.901	1515.9							
	0BS	00600	14.23	35.87	26.83		1515.9							
	STD	00700	12.12	35.56	27.02	01.032	1510.1							
	0BS	00700	12.12	35.56	27.02		1510.1							
	STD	00800	09.76	35.26	27.21	01.146	1503.0							
	0BS	00800	09.76	35.26	27.21		1503.0							
	STD	00900	07.48	35.11	27.46	01.237	1495.9							
	0BS	00900	07.48	35.11	27.46		1495.9							
	STD	01000	05.70	34.99	27.60	01.307	1490.4							
	0BS	01000	05.70	34.99	27.60		1490.4							
	0BS	01030	04.98	34.93	27.64		1487.9							
	0BS	01090	04.97	34.97	27.68		1488.9							
	STD	01100	05.14	35.02	27.70	01.366	1489.8							
	0BS	01100	05.14	35.02	27.70		1489.8							
	STD	01200	04.77	35.01	27.73	01.418	1489.9							
	0BS	01200	04.77	35.01	27.73		1489.9							
	STD	01300	04.65	35.01	27.74	01.469	1491.1							
	0BS	01300	04.65	35.01	27.74		1491.1							
	STD	01400	04.45	34.99	27.75	01.519	1491.9							
	0BS	01400	04.45	34.99	27.75		1491.9							
	STD	01500	04.27	34.97	27.76	01.570	1492.9							
	0BS	01500	04.27	34.97	27.76		1492.9							

TABLE XI.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC DALLAS, 7-9 March 1971, Prepared from NODC Listing No. 31-8257.—Continued

REFID 31 B257 YEAR 1971 BUOTOP 05303 AIR TEMP 17.6 DIR HGT PER WIND-DIR 25 INST STD RECORDER TEN SQ 1207
 CONSEC 0006 MONTH 03 SHIP UG WET BULB 16.7 29 WIND-SPD 20 TRACE DIR D 5 SQUARE 3
 LAT 34 50 N DAY 08 DATA USE 1 BAROMETR 1014.0 SEA 4 WIND-FOR DURATION 00.6 2 SQUARE 10
 LONG 050 20 W HOUR 15.1 AREA 05 CLOUD T/A LL/TRK W/FATHER XI DRIG A4 J25 DRIG A4 J25 1 SQUARE 30

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNDEPTH	SND VEL	CHYG	PIK	TCT P	NO2	NO3	SIG3	PH
15.1	STU	00000	16.53	36.25	26.60	00.000	1513.7							
	OBS	00000	16.53	36.25	26.60		1513.7							
	STU	00010	16.52											
	OBS	00010	16.52											
	STU	00020	16.52											
	OBS	00020	15.52											
	STU	00030	16.51											
	OBS	00030	16.51											
	STU	00050	16.47											
	OBS	00050	16.47											
	STU	00075	16.45											
	OBS	00075	16.45											
	STU	00100	16.65											
	OBS	00100	16.65											
	STU	00125	16.76											
	OBS	00125	16.76											
	STU	00150	16.73											
	OBS	00150	16.73											
	STU	00200	16.60											
	OBS	00200	16.60											
	STU	00250	14.89											
	OBS	00250	14.89											
	STU	00300	14.61											
	OBS	00300	14.61											
	STU	00400	13.24											
	OBS	00400	13.24											
	STU	00500	10.85											
	OBS	00500	10.85											
	STU	00600	09.05											
	OBS	00600	09.05											
STU	00700	07.51												
OBS	00700	07.51												
STU	00800	06.37												
OBS	00800	06.37												
STU	00900	05.55												
OBS	00900	05.55												
STU	01000	05.01												
OBS	01000	05.01												
STU	01100	04.71												
OBS	01100	04.71												
STU	01200	04.56												
OBS	01200	04.56												
STU	01300	04.46												
OBS	01300	04.46												
STU	01400	04.16												
OBS	01400	04.16												
STU	01500	04.03												
OBS	01500	04.03												
STU	01750	03.95												
OBS	01750	03.95												
STU	02000	03.76												
OBS	02000	03.76												
STU	02500	03.48												
OBS	02500	03.48												
STU	03000	03.14												
OBS	03000	03.14												

TABLE XI. Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC DALLAS, 7-9 March 1971, Prepared from NODC Listing No. 31-8257. Continued

REFID 31 8257	YEAR 1971	BOTOP 05394	AIR TEMP 18.3	DIR HGT PER	WIND-DIR 22	INST STD RECORDER	TEN SQ 1307
CUNSEC 0007	MONTH 03	SHIP DG	WET BULB 16.1	23	WIND-SPD 30	TRACE DIR 0	5 SQUARE 1
LAT 40 20 N	DAY 09	DATA USE 1	BAROMETR 1012.9	SEA 3	WIND-FOR	DURATION 00.2	2 SQUARE 00
LONG 050 20 W	HDUR 19.1	AREA 05	CLOUD 1/4	CL/TR	WEATHER X1	DRIG A6 025	1 SQUARE 00

CASINUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPHT	SNG VEL	OXYG	PJ4	TGT P	NO2	NO3	SI03	PH
19.1	STD	00000	15.00	35.95	26.72	00.000	1508.6							
	UBS	00000	15.00	35.95	26.72		1508.6							
	STD	00010	15.00											
	UBS	00010	15.00											
	STD	00020	15.00											
	UBS	00020	15.00											
	STD	00030	15.00											
	UBS	00030	15.00											
	STD	00050	15.00											
	UBS	00050	15.00											
	STD	00075	14.91											
	UBS	00075	14.91											
	STD	00100	14.66											
	UBS	00100	14.66											
	STD	00125	14.48											
	UBS	00125	14.48											
	STD	00150	14.40											
	UBS	00150	14.40											
	STD	00200	13.81											
	UBS	00200	13.81											
	STD	00250	13.20											
	UBS	00250	13.20											
	STD	00300	12.35											
	UBS	00300	12.35											
	STD	00400	10.05											
	UBS	00400	10.05											
	STD	00500	08.06											
	UBS	00500	08.06											
	STD	00550	06.47											
	UBS	00550	06.47											
	STD	00600	05.75											
	UBS	00600	05.75											
	STD	00650	06.17											
	UBS	00650	06.17											
	STD	00700	05.75											
	UBS	00700	05.75											
	STD	00900	05.06											
	UBS	00900	05.06											
	STD	00900	04.83											
	UBS	00900	04.83											
	STD	01000	04.52											
	UBS	01000	04.52											
	STD	01100	04.34											
	UBS	01100	04.34											
	STD	01200	04.20											
	UBS	01200	04.20											
	STD	01300	04.02											
	UBS	01300	04.02											
	STD	01400	03.92											
	UBS	01400	03.92											
	STD	01500	03.89											
	UBS	01500	03.89											

TABLE XI.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC DALLAS, 7-9 March 1971, Prepared from NOBC Listing No. 31-8257.—Continued

REFID 31 8257	YEAR 1971	BOTOP 04297	AIR TEMP 18.3	DIR HGT PER	WIND-DIR 22	INST STD RECORDER	TEN SQ 1307
CUNSEC 0008	MONTH 03	SHIP 06	WET SULS 16.1	24 2 4	WIND-SPO 23	TRACE DIR 0	5 SQUARE 1
LAT 40 47 N	DAY 06	DATA USE 1	BAROMETR 1012.9	SEA	WIND-FDR	DURATION 00.2	2 SQUARE 03
LONG 050 16 W	HOOR 22.5	AREA 05	CLGD T/A	CL/TR	WEATHER X2	ORIG A4 025	1 SQUARE 00

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SNO VEL	UXYG	PJ4	TOT P	ND2	ND3	S133	PH
22.5	STD	00000	15.37	35.92	26.62	00.000	1509.7							
	DBS	00000	15.37	35.92	26.62		1509.7							
	STD	00010	15.37											
	DBS	00010	15.37											
	STD	00020	15.37											
	DBS	00020	15.37											
	STD	00030	15.37											
	DBS	00030	15.37											
	STD	00050	15.36											
	DBS	00050	15.36											
	STD	00075	15.19											
	DBS	00075	15.19											
	STD	00100	15.13											
	DBS	00100	15.13											
	STD	00125	15.09											
	DBS	00125	15.09											
	STD	00150	14.99											
	DBS	00150	14.99											
	STD	00200	14.16											
	DBS	00200	14.16											
	STD	00250	14.27											
	DBS	00250	14.27											
	STD	00300	13.35											
	DBS	00300	13.35											
	STD	00350	12.70											
	DBS	00350	12.70											
STD	00400	11.50												
DBS	00400	11.50												
STD	00500	08.65												
DBS	00500	08.65												
STD	00600	06.62												
DBS	00600	06.62												
STD	00700	05.83												
DBS	00700	05.83												
STD	00800	05.06												
DBS	00800	05.06												
STD	00900	04.67												
DBS	00900	04.67												
STD	01000	04.51												
DBS	01000	04.51												
STD	01100	04.34												
DBS	01100	04.34												
STD	01200	04.20												
DBS	01200	04.20												
STD	01300	04.05												
DBS	01300	04.05												
STD	01400	04.03												
DBS	01400	04.03												
STD	01500	03.90												
DBS	01500	03.90												

TABLE XI.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC DALLAS, 7-9 March 1971, Prepared from NODC Listing No. 31-8257.—Continued

REFID 31 8257 YEAR 1971 SUTOP 04206 AIR TEMP 14.4 DIR MGT PER WIND-DIR 24 INST STO RECORDER TEN SQ 1307
 CONSEC 0009 MONTH 03 SHIP UG NET BULB 11.7 24 WIND-SPD 11 TRACE DIR 0 5 SQUARE 1
 LAT 41 20 N DAY 09 DATA USE 1 BAROMETR 1009.5 SEA 5 WIND-FUR DURATION 00.3 2 SQUARE 00
 LONG 050 20 W HOUR 02.0 AREA 05 CLOUD T/A CL/TR WEA THER X2 ORIG 44 025 1 SQUARE 10

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYN DPTH	SNC VEL	UXYG	P74	TGT P	NO2	NO3	SI03	PH
02.0	STU	00000	13.71	35.78	26.87	00.000	1504.2							
	OBS	00000	13.71	35.78	26.87		1504.2							
	STU	00010	13.71											
	OBS	00010	13.71											
	STU	00020	13.71											
	OBS	00020	13.71											
	STU	00030	13.72											
	OBS	00030	13.72											
	STU	00050	13.72											
	OBS	00050	13.72											
	STU	00075	13.69											
	OBS	00075	13.69											
	STU	00100	13.71											
	OBS	00100	13.71											
	STU	00125	13.65											
	OBS	00125	13.65											
	STU	00150	13.63											
	OBS	00150	13.63											
	STU	00200	13.58											
	OBS	00200	13.58											
	STU	00210	13.56											
	OBS	00210	13.56											
	STU	00250	11.65											
	OBS	00250	11.65											
	STU	00300	10.76											
	OBS	00300	10.76											
	STU	00300	10.42											
	OBS	00300	10.42											
	STU	00400	08.52											
	OBS	00400	08.52											
	STU	00500	06.65											
	OBS	00500	06.65											
	STU	00600	06.12											
	OBS	00600	06.12											
	STU	00700	05.34											
	OBS	00700	05.34											
	STU	00800	04.92											
	OBS	00800	04.92											
	STU	00900	04.62											
	OBS	00900	04.62											
	STU	01000	04.44											
	OBS	01000	04.44											
	STU	01100	04.25											
	OBS	01100	04.25											
	STU	01200	04.18											
	OBS	01200	04.18											
	STU	01300	04.11											
	OBS	01300	04.11											
	STU	01400	04.02											
	OBS	01400	04.02											
	STU	01500	03.95											
	OBS	01500	03.95											

TABLE XI.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC DALLAS, 7-9 March 1971, Prepared from NODC Listing No. 31-8257.—Continued

REFID 31 8257	YEAR 1971	BOUDB 03200	AIR TEMP 10.6	OIR HGT PER	WIND-DIR 22	INST STO RECORDER	TEN SQ 1307
CUNSEC 0010	MONTH 03	SHIP DG	WET HULB 10.0	19 4 3	WIND-SPO 15	TRACE OIR 0	5 SQUARE 1
LAT 41 50 N	DAY 09	DATA USE 1	BAROMETR 1007.5	SEA	WIND-FUR	DURATION 00.2	2 SQUARE 00
LONG 050 20 W	HOOR 06.3	AREA 05	CLUDD T/A	CL/FR	WEATHER X+	ORIG A4 025	1 SQUARE 10

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPHT	SNO VEL	UXYG	P74	TOT P	NU2	NO3	SIG3	PH
06.3	STO	00000	02.37	32.73	26.15	00.000	1456.8							
	OBS	00000	02.37	32.73	26.15		1456.8							
	STO	00010	02.37											
	OBS	00010	02.37											
	STO	00020	02.37											
	OBS	00020	02.37											
	STO	00030	02.16											
	OBS	00030	02.16											
	STO	00050	01.96											
	OBS	00050	01.96											
	STO	00069	00.95											
	OBS	00069	00.95											
	STO	00075	01.19											
	OBS	00075	01.19											
	STO	00100	01.65											
	OBS	00100	01.65											
	STO	00125	02.18											
	OBS	00125	02.18											
	STO	00150	02.55											
	OBS	00150	02.55											
	STO	00200	03.86											
	OBS	00200	03.86											
	STO	00250	04.35											
	OBS	00250	04.35											
	STO	00265	04.53											
	OBS	00265	04.53											
	STO	00300	04.07											
	OBS	00300	04.07											
	STO	00355	04.60											
	OBS	00355	04.60											
	STO	00375	04.42											
	OBS	00375	04.42											
	STO	00400	04.56											
	OBS	00400	04.56											
	STO	00500	04.65											
	OBS	00500	04.65											
	STO	00600	04.59											
	OBS	00600	04.59											
	STO	00700	04.37											
	OBS	00700	04.37											
	STO	00800	04.12											
	OBS	00800	04.12											
	STO	00825	04.25											
	OBS	00825	04.25											
	STO	00900	04.14											
	OBS	00900	04.14											
	STO	00910	04.09											
	OBS	00910	04.09											
	STO	00950	04.06											
	OBS	00950	04.06											
	STO	01000	03.96											
	OBS	01000	03.96											
	STO	01100	03.89											
	OBS	01100	03.89											
	STO	01100	03.89											
	OBS	01100	03.89											
	STO	01200	03.89											
	OBS	01200	03.89											
	STO	01300	03.83											
	OBS	01300	03.83											
	STO	01400	03.78											
	OBS	01400	03.78											
	STO	01500	03.73											
	OBS	01500	03.73											

TABLE XI.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC DALLAS, 7-9 March 1971, Prepared from NODC Listing No. 31-8257.—Continued

REF ID	31 8257	YEAR	1971	BGTOP	02012	AIR TEMP	10.0	DIR HGT PER		WIND-DIR	22	INST STD RECORDER		TEN SQ	1307
CUNSEL	0011	MONTH	03	SHIP	06	WET BULB	09.4	25 2 2		WIND-SPD	15	TRACE DIR	0	5 SQUARE	1
LAT	42 10 N	DAY	09	DATA USE	1	BAROMETR	1005.4	SEA		WIND-FUR		DURATION	00.3	2 SQUARE	20
LONG	050 16 W	HOOR	09.0	AREA	05	CLOUD T/A		CL/TR		WEATHER	X4	DRIG	A4 025	1 SQUARE	20

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXYG	P34	TOT P	NU2	NU3	SIJ3	PH
09.0	ST0	00000	00.09	33.24	26.70	00.000	1447.3							
	085	00000	00.09	33.24	26.70		1447.3							
	ST0	00010	- 0.09											
	085	00010	- 0.09											
	ST0	00020	- 0.03											
	085	00020	- 0.03											
	ST0	00030	00.34											
	085	00030	00.34											
	ST0	00050	00.70											
	085	00050	00.70											
	ST0	00075	01.22											
	085	00075	01.22											
	ST0	00100	01.19											
	085	00100	01.19											
	ST0	00125	01.97											
	085	00125	01.97											
	ST0	00150	02.62											
	085	00150	02.62											
	ST0	00200	03.52											
	085	00200	03.52											
	ST0	00250	03.99											
	085	00250	03.99											
	ST0	00300	04.11											
	085	00300	04.11											
	ST0	00400	04.40											
	085	00400	04.40											
	ST0	00500	04.45											
	085	00500	04.45											
	ST0	00600	04.45											
	085	00600	04.45											
	ST0	00700	04.45											
	085	00700	04.45											
	ST0	00800	04.26											
	085	00800	04.26											
	ST0	00900	04.16											
	085	00900	04.16											
	ST0	01000	04.09											
	085	01000	04.09											
	ST0	01100	04.03											
	085	01100	04.03											
	ST0	01200	03.98											
	085	01200	03.98											
	ST0	01300	03.85											
	085	01300	03.85											
	ST0	01400	03.77											
	085	01400	03.77											
	ST0	01500	03.73											
	085	01500	03.73											

TABLE XI.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC DALLAS, 7-9 March 1971, Prepared from NODC Listing No. 31-8257.—Continued

REFID	31	8257	YEAR	1971	BOTOP	00914	AIR TEMP	08.3	OIR HGT	PER	WIND-OIR	25	INST STO	RECORDER	TEN SQ	1307		
CUNSEC		0012	MONTH	03	SHIP OG		WET BULB	07.6	24	2	3	WIND-SPD	09	TRACE OIR	0	5	SQUARE	1
LAT	42	50	N	OAY	09	DATA USE	1	BAROMETR	1006.8	SEA	WIND-FUR		DURATION		2	SQUARE	20	
LUNG	050	20	W	HOUR	13.6	AREA	05	CLOUD T/A		CL/TR	WEATHER	X4	ORIG	A4 025	1	SQUARE	20	

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SND VEL	UXYG	P34	TOT P	NO2	NO3	SI03	PH
13.6	STO	00000	- 0.65	33.05	26.58	00.000	1443.6							
	OBS	00000	- 0.65	33.05	26.58		1443.6							
	STO	00010	- 0.67											
	OBS	00010	- 0.67											
	STO	00020	- 0.68											
	OBS	00020	- 0.68											
	STO	00030	- 0.68											
	OBS	00030	- 0.68											
	STO	00050	- 0.74											
	OBS	00050	- 0.74											
	STO	00075	- 0.21											
	OBS	00075	- 0.21											
	STO	00100	- 0.57											
	OBS	00100	- 0.57											
	STO	00125	- 0.86											
	OBS	00125	- 0.86											
	STO	00150	00.97											
	OBS	00150	00.97											
	STO	00200	01.29											
	OBS	00200	01.29											
	STO	00250	01.69											
	OBS	00250	01.69											
	STO	00300	02.06											
	OBS	00300	02.06											
	STO	00400	02.93											
OBS	00400	02.93												
STO	00450	03.14												
OBS	00450	03.14												
STO	00500	03.69												
OBS	00500	03.69												
STO	00575	04.10												
OBS	00575	04.10												
STO	00600	04.20												
OBS	00600	04.20												
STO	00700	04.07												
OBS	00700	04.07												
STO	00750	04.40												
OBS	00750	04.40												

REFID	31	8257	YEAR	1971	BOTOP	00091	AIR TEMP	02.8	OIR HGT	PER	WIND-OIR	07	INST STO	RECORDER	TEN SQ	1307		
CUNSEC		0013	MONTH	03	SHIP OG		WET BULB	02.2	21	2	2	WIND-SPD	05	TRACE OIR	0	5	SQUARE	1
LAT	43	00	N	OAY	09	DATA USE	1	BAROMETR	1006.1	SEA	WIND-FUR		DURATION	00.1	2	SQUARE	20	
LUNG	050	20	W	HOUR	15.3	AREA	05	CLOUD T/A		CL/TR	WEATHER	X4	ORIG	A4 025	1	SQUARE	30	

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SND VEL	UXYG	P34	TOT P	NO2	NO3	SI03	PH
15.3	STO	00000	00.63											
	OBS	00000	00.63											
	STO	00010	00.33											
	OBS	00010	00.33											
	STO	00020	00.22											
	OBS	00020	00.22											
	STO	00030	00.00											
	OBS	00030	00.00											
	STO	00050	- 0.34											
	OBS	00050	- 0.34											
	STO	00075	- 0.51											
	OBS	00075	- 0.51											
	STO	00080	- 0.47											
	OBS	00080	- 0.47											
	STO	00091	- 0.47											

REFID	31	8257	YEAR	1971	BOTOP		AIR TEMP	02.6	OIR HGT	PER	WIND-OIR	07	INST STO	RECORDER	TEN SQ	1307		
CUNSEC		0014	MONTH	03	SHIP OG		WET BULB	02.6	23	2	2	WIND-SPD	05	TRACE OIR	0	5	SQUARE	1
LAT	43	10	N	OAY	09	DATA USE	1	BAROMETR	1006.8	SEA	WIND-FUR		DURATION	00.1	2	SQUARE	20	
LUNG	050	20	W	HOUR	17.5	AREA	05	CLOUD T/A		CL/TR	WEATHER	X4	ORIG	A4 025	1	SQUARE	30	

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SND VEL	UXYG	P34	TOT P	NO2	NO3	SI03	PH
17.5	STO	00000	00.64	32.73	26.27	00.000	1449.1							
	OBS	00000	00.64	32.73	26.27		1449.1							
	STO	00010	00.55											
	OBS	00010	00.55											
	STO	00020	00.46											
	OBS	00020	00.46											
	STO	00030	00.11											
	OBS	00030	00.11											
	STO	00050	- 0.38											
	OBS	00050	- 0.38											
	STO	00075	- 0.93											
	OBS	00075	- 0.93											
STO	00080	- 0.42												
OBS	00080	- 0.42												

TABLE XII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 5-8 January 1972, Prepared from NODC Listing No. 31-1971.

REFID 31 1971	YEAR 1972	80TOP 00070	AIR TEMP 03.9	DIR HGT PER	WIND-DIR 30	INST NANSEN CAST	TEN SQ 1307
CONSEC 0001	MONTH 01	SHIP 3L	WET BULB 01.9	29 6 5	WIND-SPD 25	TRACE DIR	5 SQUARE 1
LAT 43 10 N	DAY 05	DATA USE 1	BAROMETR 1014.5	SEA	WIND-FOR	DURATION	2 SQUARE 20
LONG 050 19 W	HOOR 02.6	AREA 05	CLOUD T/A 8/5	CL/TR	WEATHER X1	ORIG A4 026	1 SQUARE 30

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHTH	SND VEL	OXYG	PD4	TOT P	NO2	NO3	SI03	PH
	STO	00000	03.89	32.14	25.55	00.000	1462.5							
02.6	OBS	00000	03.89	32.138	25.55		1462.5							
	S-	00010	03.76	32.14	25.56	00.024	1462.2							
	STO	00020	03.58	32.13	25.57	00.049	1461.5							
02.6	OBS	00025	03.47	32.134	25.58		1461.2							
	STO	00030	03.32	32.14	25.60	00.073	1460.6							
	STO	00050	02.72	32.55	25.98	00.117	1458.9							
02.6	OBS	00050	02.72	32.567	25.98		1458.9							
02.6	OBS	00060	01.80	32.987	26.40		1455.6							

REFID 31 1971	YEAR 1972	80TOP 00109	AIR TEMP 03.7	DIR HGT PER	WIND-DIR 30	INST NANSEN CAST	TEN SQ 1307
CONSEC 0002	MONTH 01	SHIP 3L	WET BULB 01.8	29 6 5	WIND-SPD 25	TRACE DIR	5 SQUARE 1
LAT 42 58 N	DAY 05	DATA USE 1	BAROMETR 1014.5	SEA	WIND-FOR	DURATION	2 SQUARE 20
LONG 050 18 W	HOOR 04.0	AREA 05	CLOUD T/A 8/5	CL/TR	WEATHER X1	ORIG A4 026	1 SQUARE 20

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	SI03	PH
	STO	00000	02.56	32.45	25.91	00.000	1457.2							
04.0	OBS	00000	02.56	32.449	25.91		1457.2							
	STO	00010	02.55	32.47	25.93	00.021	1457.4							
	STO	00020	02.49	32.49	25.95	00.042	1457.3							
04.0	OBS	00025	02.44	32.501	25.96		1457.2							
	STO	00030	02.39	32.64	26.08	00.062	1457.2							
04.0	OBS	00049	02.00	33.086	26.46		1456.4							
	STO	00050	01.94	33.11	26.48	00.097	1456.2							
04.0	OBS	00074	00.98	33.478	26.85		1452.9							
	STO	00075	00.96	33.49	26.85	00.131	1452.8							
04.0	OBS	00098	00.74	33.510	26.89		1452.2							

REFID 31 1971	YEAR 1972	80TOP 00658	AIR TEMP 03.9	DIR HGT PER	WIND-DIR 30	INST NANSEN CAST	TEN SQ 1307
CONSEC 0003	MONTH 01	SHIP 3L	WET BULB 02.6	29 6 5	WIND-SPD 25	TRACE DIR	5 SQUARE 1
LAT 42 51 N	DAY 05	DATA USE 1	BAROMETR 1015.8	SEA	WIND-FOR	DURATION	2 SQUARE 20
LONG 050 20 W	HOOR 06.5	AREA 05	CLOUD T/A 8/5	CL/TR	WEATHER X1	ORIG A4 026	1 SQUARE 20

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHTH	SND VEL	OXYG	P04	TOT P	NO2	NO3	SI03	PH
	STO	00000	03.80	32.25	25.64	00.000	1462.3							
06.5	OBS	00000	03.80	32.251	25.64		1462.3							
	STO	00010	03.41	32.31	25.73	00.023	1460.9							
	STO	00020	02.98	32.43	25.86	00.045	1459.3							
06.5	OBS	00025	02.74	32.511	25.95		1458.5							
	STO	00030	02.38	32.68	26.11	00.066	1457.2							
	STO	00050	01.38	33.16	26.57	00.099	1453.8							
06.5	OBS	00050	01.38	33.163	26.57		1453.8							
	STO	00075	01.18	33.32	26.71	00.135	1453.5							
06.5	OBS	00075	01.18	33.318	26.71		1453.5							
	STO	00100	01.08	33.46	26.82	00.167	1453.7							
06.5	OBS	00106	01.08	33.459	26.82		1453.7							
	STO	00125	00.74	33.59	26.95	00.196	1452.8							
	STO	00150	00.57	33.71	27.05	00.223	1452.6							
06.5	OBS	00150	00.57	33.707	27.05		1452.6							
	STO	00200	00.79	33.88	27.18	00.271	1454.6							
06.5	OBS	T00205	00.82	33.893	27.19		1454.9							
	STO	00250	01.20	34.03	27.28	00.314	1457.5							
	STO	00300	01.52	34.15	27.39	00.352	1459.9							
06.5	OBS	00305	01.55	34.155	27.35		1460.1							
	STO	00400	01.85	34.23	27.38	00.426	1463.2							
06.5	OBS	T00405	01.86	34.229	27.39		1463.3							

TABLE XI.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 5-8 January 1972, Prepared from NODC Listing No. 31-1971.—Continued

REFID 31 1971	YEAR 1972	BO TOP 01865	AIR TEMP 05.0	OIR HGT PER	WIND-OIR 29	INST NANSEN CAST	TEN SQ 1307
CONSEC 0004	MONTH 01	SHIP 31	WET BULB 03.1	29 5 4	WIND-SPD 22	TRACE OIR	5 SQUARE 1
LAT 42 40 N	DAY 05	DATA USE 1	BAROMETR 1014.7	SEA	WIND-FOR	DURATION	2 SQUARE 20
LONG 050 20 W	HRUR 08.6	AREA 05	CLOUD T/A 8/5	CL/TR	WEATHER X1	ORIG A4 026	1 SQUARE 20

CASNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SI03	PH
08.6	STO	00000	03.04	32.32	25.77	00.000	1459.1							
	OBS	00000	03.04	32.324	25.77		1459.1							
	STD	00010	03.10	32.37	25.80	00.022	1459.6							
	STO	00020	03.16	32.42	25.84	00.044	1460.1							
08.6	OBS	00024	03.18	32.436	25.85		1460.3							
	STO	00030	05.47	33.03	26.08	00.065	1470.8							
08.6	OBS	00048	10.52	34.450	26.45		1492.3							
	STO	00050	10.84	34.58	26.49	00.100	1493.7							
08.6	OBS	00071	12.98	35.466	26.78		1502.5							
	STO	00075	12.94	35.48	26.80	00.135	1502.5							
08.6	OBS	00095	12.76	35.498	26.84		1502.2							
	STO	00100	12.41	35.44	26.87	00.166	1501.1							
	STO	00125	10.74	35.16	26.96	00.196	1495.3							
08.6	OBS	00143	09.65	34.982	27.02		1491.4							
	STO	00150	09.31	34.94	27.04	00.223	1490.3							
	STO	00200	07.10	34.70	27.19	00.273	1482.3							
	STO	00250	05.23	34.50	27.28	00.317	1475.4							
08.6	OBS	00291	03.94	34.385	27.33		1470.6							
	STO	00300	03.60	34.35	27.33	00.357	1469.3							
08.6	OBS	T00387	01.80	34.244	27.40		1462.7							
	STO	00400	01.98	34.29	27.43	00.429	1463.8							
08.6	OBS	00489	03.00	34.548	27.55		1470.1							
	STO	00500	03.09	34.57	27.56	00.492	1470.7							
08.6	OBS	00585	03.68	34.744	27.64		1474.8							
	STO	00600	03.74	34.76	27.64	00.546	1475.3							
	STO	00700	04.04	34.83	27.67	00.597	1478.3							
08.6	OBS	T00778	04.18	34.869	27.68		1480.3							
	STO	00800	04.18	34.87	27.69	00.647	1480.7							
	STO	00900	04.17	34.89	27.70	00.696	1482.3							
08.6	OBS	T00978	04.16	34.900	27.71		1483.6							
08.6	OBS	T01481	03.99	34.937	27.76		1491.3							

REFID 31 1971	YEAR 1972	BO TOP 02450	AIR TEMP 05.4	OIR HGT PER	WIND-OIR 27	INST NANSEN CAST	TEN SQ 1307
CONSEC 0005	MONTH 01	SHIP 31	WET BULB 03.9	29 5 4	WIND-SPD 14	TRACE OIR	5 SQUARE 1
LAT 42 30 N	DAY 05	DATA USE 1	BAROMETR 1014.5	SEA	WIND-FOR	DURATION	2 SQUARE 20
LONG 050 20 W	HRUR 11.8	AREA 05	CLOUD T/A 8/8	CL/TR	WEATHER X2	ORIG A4 026	1 SQUARE 20

CASNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SI03	PH
11.8	STO	00000	03.11	32.39	25.81	00.000	1459.5							
	OBS	00000	03.11	32.386	25.81		1459.5							
	STO	00010	05.64	33.00	26.04	00.021	1471.1							
	STO	00020	07.68	33.50	26.16	00.040	1480.1							
11.8	OBS	00025	08.51	33.707	26.20		1483.6							
	STO	00030	08.96	33.80	26.20	00.059	1485.5							
	STO	00050	10.81	34.34	26.32	00.094	1493.3							
11.8	OBS	00050	10.81	34.344	26.32		1493.3							
	STO	00075	13.27	35.46	26.71	00.133	1503.6							
11.8	OBS	00075	13.27	35.456	26.71		1503.6							
	STO	00100	13.27	35.71	26.91	00.165	1504.3							
11.8	OBS	00100	13.27	35.712	26.91		1504.3							
	STO	00125	12.89	35.61	26.91	00.194	1503.3							
	STO	00150	12.34	35.49	26.92	00.224	1501.7							
11.8	OBS	00151	12.31	35.485	26.92		1501.6							
	STO	00200	10.73	34.97	26.82	00.285	1496.3							
11.8	OBS	T00206	10.47											
	STO	00250	07.02	34.58	27.11	00.343	1482.7							
	STO	00300	04.14	34.33	27.26	00.389	1471.5							
11.8	OBS	00307	03.83	34.305	27.27		1470.3							
	STO	00400	01.75	34.25	27.42	00.466	1462.7							
11.8	OBS	T00408	01.71	34.250	27.42		1462.7							
	STO	00500	02.99	34.55	27.55	00.529	1470.2							
11.8	OBS	00514	03.15	34.587	27.56		1471.2							
	STO	00600	03.97	34.80	27.65	00.584	1476.4							
11.8	OBS	00615	04.09	34.831	27.66		1477.2							
11.8	OBS	T01023	04.45	34.997	27.76		1485.7							
11.8	OBS	T01539	03.91	34.953	27.78		1492.0							

TABLE XII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 5-S
January 1972, Prepared from NODC Listing No. 31-1971.—Continued

REFID	31	1971	YEAR	1972	80TOP	03173	AIR TEMP	06.3	DIR HGT	PER	WIND-DIR	11	INST	NANSEN	CAST	TEN SQ	1307	
CONSEC	0006	MONTH	01	SHIP	3L	WET	BULB	04.8	29	4	4	WIND-SPD	14	TRACE	DIR	5	SQUARE	1
LAT	42 10 N	DAY	05	DATA	USE	1	BAROMETR	1009.0	SEA		WIND-FOR		DURATION			2	SQUARE	20
LDNG	050 20 W	HOOR	14.5	AREA	05	CLOUD	T/A	7/8	CL/TR		WEATHER	X5	ORIG	A4 026		1	SQUARE	20

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	OXYG	PO4	TOT P	ND2	ND3	S103	PH
14.5	STD	00000	05.00	32.64	25.83	00.000	1467.9							
	DBS	00000	05.00	32.637	25.83		1467.9							
	STD	00010	05.30	32.72	25.86	00.022	1469.4							
	STD	00020	05.60	32.80	25.89	00.043	1470.9							
14.5	DBS	00025	05.75	32.844	25.90		1471.6							
	STD	00030	06.90	33.20	26.03	00.064	1476.8							
14.5	DBS	00049	09.76	34.074	26.29		1489.1							
	STD	00050	09.77	34.08	26.29	00.101	1489.2							
14.5	DBS	00074	09.91	34.132	26.31		1490.2							
	STD	00075	10.09	34.20	26.33	00.144	1490.9							
14.5	DBS	00098	13.20	35.371	26.66		1503.6							
	STD	00100	13.19	35.38	26.67	00.183	1503.6							
	STD	00125	13.09	35.49	26.77	00.218	1503.8							
14.5	DBS	00148	12.95	35.548	26.85		1503.8							
	STD	00150	12.93	35.55	26.85	00.250	1503.8							
	STD	00200	12.43	35.53	26.93	00.311	1502.9							
14.5	DBS	00202	12.41	35.528	26.94		1502.8							
	STD	00250	09.82	35.16	27.13	00.365	1494.0							
14.5	DBS	00263	09.20	35.082	27.17		1491.9							
	STD	00300	07.47	34.88	27.28	00.412	1485.7							
14.5	DBS	T00351	05.90	34.738	27.38		1480.1							
	STD	00400	05.64	34.84	27.49	00.487	1480.0							
14.5	DBS	00446	05.45	34.909	27.57		1480.1							
	STD	00500	05.31	34.97	27.64	00.546	1480.5							
14.5	DBS	00537	05.22	35.003	27.67		1480.8							
	STD	00600	05.11	35.00	27.69	00.597	1481.3							
	STD	00700	04.94	35.01	27.71	00.645	1482.3							
14.5	DBS	00722		35.008										
	STD	00800	04.78	35.01	27.73	00.693	1483.3							
	STD	00900	04.63	35.01	27.75	00.739	1484.4							
14.5	DBS	T00916	04.61	35.015	27.75		1484.6							
14.5	DBS	T01525	04.00	34.975	27.79		1492.2							

REFID	31	1971	YEAR	1972	80TOP	03749	AIR TEMP	04.7	DIR HGT	PER	WIND-DIR	34	INST	NANSEN	CAST	TEN SQ	1307	
CONSEC	0007	MONTH	01	SHIP	3L	WET	BULB	03.9	33	5	5	WIND-SPD	35	TRACE	DIR	5	SQUARE	1
LAT	41 14 N	DAY	06	DATA	USE	1	BAROMETR	1015.5	SEA		WIND-FOR		DURATION			2	SQUARE	00
LDNG	050 20 W	HOOR	15.1	AREA	05	CLOUD	T/A	8/6	CL/TR		WEATHER	X1	ORIG	A4 026		1	SQUARE	10

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	OXYG	PO4	TOT P	ND2	ND3	S103	PH
15.1	STD	00000	17.10	36.24	26.46	00.000	1515.3							
	DBS	00000	17.10	36.240	26.46		1515.3							
	STD	00010	17.13	36.24	26.46	00.016	1515.6							
	STD	00020	17.15	36.25	26.45	00.032	1515.8							
15.1	DBS	00029	17.16	36.248	26.45		1516.0							
	STD	00030	17.16	36.25	26.45	00.048	1516.0							
	STD	00050	17.16	36.25	26.45	00.080	1516.3							
	STD	00075	17.15	36.24	26.45	00.120	1516.7							
15.1	DBS	00081	17.15	36.244	26.45		1516.8							
	STD	00100	17.18	36.25	26.45	00.160	1517.2							
15.1	DBS	00105	17.18	36.250	26.45		1517.3							
	STD	00125	17.18	36.25	26.45	00.201	1517.6							
	STD	00150	17.17	36.24	26.44	00.242	1518.0							
15.1	DBS	00158	17.17	36.242	26.44		1518.1							
	STD	00200	17.07	36.25	26.47	00.324	1518.5							
15.1	DBS	00211		36.255										
	STD	00250	16.95	36.32	26.56	00.404	1519.1							
	STD	00300	16.83	36.40	26.65	00.481	1519.7							
15.1	DBS	00317	16.79	36.430	26.68		1519.9							
	STD	00400	15.69	36.14	26.71	00.630	1517.5							
15.1	DBS	T00423	15.34	36.067	26.74		1516.7							
	STD	00500	14.15	35.88	26.85	00.771	1514.0							
15.1	DBS	00530	13.43	35.820	26.96		1512.0							
	STD	00600	10.90	35.70	27.36	00.882	1504.4							
15.1	DBS	00636	09.76	35.644	27.51		1500.8							
15.1	DBS	T01068	04.91	34.994	27.70		1488.3							
15.1	DBS	T01609	04.07	35.003	27.80		1493.9							

TABLE XII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 5-8 January 1972, Prepared from NODC Listing No. 31-1971.—Continued

REFID 31 1971	YEAR 1972	BOTOP 03932	AIR TEMP 04.5	DIR HGT PER	WIND-DIR 34	INST NANSEN CAST	TEN SQ 1307
CONSEC 0008	MONTH 01	SHIP 3L	WET BULB 03.7	33 8 5	WIND-SPO 35	TRACE DIR	5 SQUARE 1
LAT 40 50 N	DAY 06	DATA USE 1	BAROMETR 1016.4	SEA	WIND-FDR	DURATION	2 SQUARE 00
LONG 050 20 W	HOUR 20.1	AREA 05	CLOUD T/A 8/6	CL/TR	WEATHER X1	ORIG A4 026	1 SQUARE 00

CASSTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	OYNDPTH	SNO VEL	OXYG	P04	TOT P	NO2	NO3	SI03	PH
	STO	00000	16.95	36.23	26.49	00.000	1514.9							
20.1	OBS	00000	16.95	36.228	26.49		1514.9							
	STO	00010	16.98	36.23	26.48	00.016	1515.1							
	STO	00020	17.00	36.22	26.47	00.031	1515.4							
20.1	OBS	00027	17.01	36.221	26.47		1515.5							
	STO	00030	17.01	36.21	26.46	00.047	1515.5							
	STO	00050	17.00	36.19	26.44	00.079	1515.8							
20.1	OBS	00050	17.00	36.190	26.44		1515.8							
	STO	00075	16.98	36.21	26.47	00.119	1516.2							
20.1	OBS	00077	16.98	36.214	26.47		1516.2							
	STO	00100	16.99	36.23	26.48	00.159	1516.6							
20.1	OBS	00100	16.99	36.232	26.48		1516.6							

REFID 31 1971	YEAR 1972	BOTOP 04297	AIR TEMP 06.9	DIR HGT PER	WIND-DIR 29	INST NANSEN CAST	TEN SQ 1307
CONSEC 0009	MONTH 01	SHIP 3L	WET BULB 05.9	32 6 5	WIND-SPO 33	TRACE DIR	5 SQUARE 1
LAT 40 20 N	DAY 07	DATA USE 1	BAROMETR 1016.0	SEA	WIND-FDR	DURATION	2 SQUARE 00
LONG 050 20 W	HOUR 00.5	AREA 05	CLOUD T/A 8/6	CL/TR	WEATHER X1	ORIG A4 026	1 SQUARE 00

CASSTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	OYNDPTH	SNO VEL	OXYG	P04	TOT P	NO2	NO3	SI03	PH
	STO	00000		35.74										
00.5	OBS	00000		35.737										
	STO	00010		35.74										
	STO	00020		35.74										
00.5	OBS	00027	16.03	35.742	26.33		1512.0							
	STO	00030	16.02	35.74	26.33		1512.0							
	STO	00050	16.00	35.74	26.33		1512.2							
00.5	OBS	00051	16.00	35.740	26.33		1512.2							
	STO	00075	16.02	35.74	26.33		1512.7							
00.5	OBS	00080	16.03	35.735	26.32		1512.8							
	STO	00100	16.00	35.72	26.32		1513.0							
00.5	OBS	00104	15.99	35.722	26.32		1513.1							
	STO	00125	15.97	35.72	26.33		1513.3							
	STO	00150	15.93	35.72	26.33		1513.6							
00.5	OBS	00156	15.92	35.720	26.34		1513.7							
	STO	00200	15.82	35.71	26.35		1514.1							
00.5	OBS	T00209	15.80	35.702	26.35		1514.2							

TABLE XII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 5-8 January 1972, Prepared from NODC Listing No. 31-1971.—Continued

REFID 31 1971	YEAR 1972	80TOP 05303	AIR TEMP 08.1	DIR HGT PER	WIND-DIR 28	INST MANSEN CAST	TEN SQ 1207
CONSEC 0010	MONTH 01	SHIP 3L	WET BULB 06.3	30 5 5	WIND-SPO 30	TRACE DIR	5 SQUARE 3
LAT 39 52 N	DAY 07	DATA USE 1	BAROMETR 1017.5	SEA	WIND-FDR	DURATION	2 SQUARE 80
LONG 050 14 W	HOUR 04.8	AREA 05	CLOUD T/A 8/6	CL/TR	WEATHER X1	ORIG A4 026	1 SQUARE 90

CASSTNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	GYMPTHT	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SI03	PH
	STD	00000	19.67	36.38	25.92	00.000	1522.8							
04.8	085	00000	19.67	36.378	25.92		1522.8							
	STD	00010	19.67	36.39	25.93	00.021	1523.0							
	STD	00020	19.66	36.39	25.93	00.042	1523.2							
04.8	085	00028	19.66	36.399	25.94		1523.3							
	STD	00030	19.66	36.40	25.94	00.063	1523.3							
	STD	00050	19.68	36.40	25.93	00.105	1523.7							
04.8	085	00052	19.68	36.403	25.93		1523.8							
	STD	00075	19.70	36.41	25.94	00.157	1524.2							
04.8	085	00080	19.71	36.414	25.93		1524.3							
	STD	00100	19.74	36.41	25.92	00.210	1524.7							
04.8	085	00104	19.74	36.408	25.92		1524.8							
	STD	00125	19.72	36.41	25.93	00.263	1525.1							
	STD	00150	19.70	36.42	25.94	00.316	1525.4							
04.8	085	00156	19.69	36.422	25.95		1525.5							
	STD	00200	19.09	36.47	26.14	00.419	1524.6							
04.8	085	00208	18.99	36.476	26.17		1524.5							
	STD	00250	18.45	36.48	26.31	00.513	1523.7							
	STD	00300	17.96	36.50	26.44	00.600	1523.1							
04.8	085	00312	17.87	36.498	26.47		1523.0							
	STD	00400	17.56	36.47	26.52	00.768	1523.5							
04.8	085	T00416	17.46	36.464	26.54		1523.5							
07.2	085	T00434	17.33	36.411	26.53		1523.4							
	STD	00500	16.70	36.32	26.62	00.931	1522.5							
07.2	085	00518	16.47	36.283	26.64		1522.0							
	STD	00600	14.85	35.98	26.78	01.084	1518.0							
07.2	085	00686	13.00	35.677	26.93		1513.0							
	STD	00700	12.61	35.62	26.97	01.221	1511.8							
	STD	00800	10.09	35.29	27.18	01.338	1504.3							
07.2	085	00857	08.88	35.151	27.28		1500.6							
07.2	085	01279	04.91	35.081	27.77		1491.9							
	STD	T1300	04.86	35.08	27.77		1492.1							
	STD	T1400	04.63	35.05	27.78		1492.8							
	STD	01500	04.44	35.03	27.78		1493.6							
07.2	085	T01700	04.14	34.996	27.79		1495.7							
	STD	01750	04.12	34.99	27.79		1496.5							
	STD	02000	04.00	34.99	27.30		1500.2							
07.2	085	02131	03.92											
	STD	02500	03.64	34.98	27.83		1507.2							
07.2	085	T02562	03.59	34.976	27.83		1508.1							

REFID 31 1971	YEAR 1972	80TOP 04114	AIR TEMP 11.1	DIR HGT PER	WIND-DIR 30	INST MANSEN CAST	TEN SQ 1207
CONSEC 0011	MONTH 01	SHIP 3L	WET BULB 08.1	30 5 4	WIND-SPO 20	TRACE DIR	5 SQUARE 3
LAT 39 20 N	DAY 07	DATA USE 1	BAROMETR 1019.0	SEA	WIND-FDR	DURATION	2 SQUARE 80
LONG 050 20 W	HOUR 11.5	AREA 05	CLOUD T/A 6/8	CL/TR	WEATHER X2	ORIG A4 026	1 SQUARE 90

CASSTNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	GYMPTHT	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SI03	PH
	STD	00000	19.82	36.42	25.91	00.000	1523.3							
11.5	085	00000	19.82	36.421	25.91		1523.3							
	STD	00010	19.83	36.45	25.93	00.021	1523.5							
	STD	00020	19.83	36.46	25.94	00.042	1523.7							
11.5	085	00028	19.84	36.467	25.94		1523.9							
	STD	00030	19.84	36.46	25.94	00.063	1523.9							
	STD	00050	19.87	36.44	25.91 *	00.105	1524.3							
11.5	085	00052	19.87	36.436	25.91		1524.3							
	STD	00075	19.86	36.43	25.90	00.158	1524.7							
11.5	085	00081	19.86	36.423	25.90		1524.7							
	STD	00100	19.87	36.44	25.91	00.211	1525.1							
11.5	085	00105	19.87	36.438	25.91		1525.2							
	STD	00125	19.87	36.45	25.92	00.265	1525.5							
	STD	00150	19.87	36.46	25.93	00.318	1526.0							
11.5	085	00159	19.87	36.464	25.93		1526.1							
	STD	00200	19.41	36.56	26.12	00.421	1525.6							
11.5	085	T00212	19.30	36.572	26.16		1525.5							
	STD	00250	19.01	36.55	26.22	00.518	1525.3							
	STD	00300	18.78	36.52	26.26	00.612	1525.5							
11.5	085	00320	18.74	36.509	26.26		1525.7							

TABLE XII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 5-8 January 1972, Prepared from NODC Listing No. 31-1971.—Continued

REFID 31 1971	YEAR 1972	BOTOP 05303	AIR TEMP 14.0	DIR HGT PER	WIND-DIR 00	INST NANSEN CAST	TEN SQ 1207
CONSEC 0012	MONTH 01	SHIP 3L	WET BULB 09.8	33 4 3	WIND-SPD 00	TRACE DIR	5 SQUARE 3
LAT 38 50 N	DAY 07	DATA USE 1	BAROMETR 1018.6	SEA	WIND-FOR	DURATION	2 SQUARE 80
LONG 050 20 W	HR 15.2	AREA 05	CLOUD T/A 8/6	CL/TR	WEATHER X1	ORIG A4 026	1 SQUARE 80

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STD	00000	19.53	36.37	25.95	00.000	1522.5							
15.2	OBS	00000	19.53	36.372	25.95		1522.5							
	STD	00010	19.53	36.38	25.95	00.021	1522.6							
	STD	00020	19.53	36.39	25.94	00.041	1522.8							
15.2	OBS	00025	19.53	36.390	25.96		1522.9							
	STD	00030	19.54	36.38	25.95	00.062	1523.0							
	STD	00050	19.56	36.36	25.93	00.104	1523.3							
15.2	OBS	00050	19.56	36.356	25.93		1523.3							
	STD	00075	19.56	36.36	25.94	00.156	1523.7							
15.2	OBS	00075	19.55	36.362	25.94		1523.7							
	STD	00100	19.56	36.38	25.94	00.209	1524.2							
15.2	OBS	00100	19.56	36.376	25.94		1524.2							
	STD	00125	19.54	36.38	25.95	00.262	1524.6							
	STD	00150	19.53	36.38	25.96	00.314	1524.9							
15.2	OBS	00150	19.53	36.384	25.96		1524.9							
	STD	00200	19.18	36.54	26.17	00.415	1525.0							
15.2	OBS	00205	19.14	36.548	26.19		1524.9							
	STD	00250	18.65	36.52	26.29	00.509	1524.3							
	STD	00300	18.18	36.49	26.39	00.599	1523.7							
15.2	OBS	00305		36.492										
	STD	00400	17.48	36.44	26.52	00.769	1523.3							
15.2	OBS	T00405	17.45	36.433	26.52		1523.3							
	STD	00500	17.11	36.42	26.55	00.934	1523.8							
15.2	OBS	00510	17.06	36.411	26.60		1523.8							
	STD	00600	16.47	36.32	26.67	01.093	1523.4							
15.2	OBS	00610	16.38	36.305	26.68		1523.3							
	STD	00700		35.94										
	STD	00800		35.61										
15.2	OBS	00810		35.577										
	STD	00900		35.34										
	STD	01000		35.13										
15.2	OBS	T01015	07.58	35.108	27.44		1498.2							
15.2	OBS	01525	04.46	35.052	27.80		1494.2							

REFID 31 1971	YEAR 1972	BOTOP 05303	AIR TEMP 14.0	DIR HGT PER	WIND-DIR 00	INST NANSEN CAST	TEN SQ 1207
CONSEC 0013	MONTH 01	SHIP 3L	WET BULB 09.8	33 4 3	WIND-SPD 00	TRACE DIR	5 SQUARE 3
LAT 38 20 N	DAY 07	DATA USE 1	BAROMETR 1019.0	SEA	WIND-FOR	DURATION	2 SQUARE 80
LONG 050 20 W	HR 19.2	AREA 05	CLOUD T/A 8/6	CL/TR	WEATHER X1	ORIG A4 026	1 SQUARE 80

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STD	00000	18.74	36.36	26.14	00.000	1520.2							
19.2	OBS	00000	18.74	36.356	26.14		1520.2							
	STD	00010	18.74	36.36	26.14	00.019	1520.4							
	STD	00020	18.73	36.36	26.14	00.038	1520.5							
19.2	OBS	00021	18.73	36.357	26.14		1520.5							
	STD	00030	18.67	36.36	26.16	00.056	1520.5							
19.2	OBS	00043	18.64	36.358	26.17		1520.7							
	STD	00050	18.70	36.35	26.15	00.094	1520.9							
19.2	OBS	00065	18.78	36.351	26.13		1521.4							
	STD	00075	18.77	36.36	26.13	00.142	1521.6							
19.2	OBS	00086	18.76	36.359	26.14		1521.7							
	STD	00100	18.73	36.35	26.14	00.190	1521.8							
	STD	00125	18.65	36.34	26.15	00.238	1522.0							
19.2	OBS	00130	18.63	36.337	26.15		1522.0							
	STD	00150	18.52	36.35	26.20	00.285	1522.1							
19.2	OBS	00178	18.42	36.380	26.24		1522.3							
	STD	00200	18.44	36.41	26.26	00.378	1522.7							
	STD	00250	18.47	36.45	26.28	00.470	1523.7							
19.2	OBS	00264	18.48	36.464	26.29		1524.0							
	STD	00300	18.26	36.49	26.36	00.560	1523.9							
19.2	OBS	T00350	17.96	36.495	26.44		1523.9							
	STD	00400	17.68	36.47	26.49	00.734	1523.9							
19.2	OBS	00441	17.45	36.441	26.53		1523.9							
	STD	00500	17.16											
19.2	OBS	00527	16.95											
	STD	00600	15.31											
	STD	00700	13.24											
	STD	00800	11.39											
19.2	OBS	T00885	09.98											
19.2	OBS	T01360	04.96	35.179	27.84		1493.6							

TABLE XI.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 5-8 January 1972, Prepared from NODC Listing No. 31-1971.—Continued

REFID	31	1971	YEAR	1972	80TOP	05295	AIR TEMP	16.0	DIR HGT	PER	WIND-DIR	15	INST	NANSEN	CAST	TEN SQ	1207
CONSEC	0014		MONTH	01	SHIP	3L	WET BULB	14.4		33 4 4	WIND-SPD	24	TRACE	DIR		5 SQUARE	3
LAT	37 50 N		OAY	07	DATA USE	1	BAROMETR	1011.0	SEA		WIND-FOR		DURATION			2 SQUARE	60
LONG	050 20 W		HOUR	23.0	AREA	05	CLOUD T/A	B/6	CL/TR		WEATHER	X6	ORIG	A4 026		1 SQUARE	70

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	QXYG	PD4	TOT P	NO2	NO3	S103	PH
	STD	00000	19.32	36.26	25.92	00.000	1521.7							
23.0	085	00000	19.32	36.263	25.92		1521.7							
	STD	00010	19.32	36.26	25.92	00.021	1521.9							
	STD	00020	19.32	36.26	25.92	00.042	1522.1							
23.0	085	00021	19.32	36.255	25.91		1522.1							
	STD	00030	19.20	36.25	25.94	00.063	1521.9							
23.0	085	00041		36.249										
	STD	00050	18.95	36.30	26.04	00.104	1521.6							
23.0	085	00062		36.316										
	STD	00075	18.65	36.27	26.09	00.153	1521.1							
23.0	085	00082	18.57	36.246	26.10		1521.0							
	STD	00100	18.34	36.25	26.16	00.201	1520.6							
23.0	085	00124	18.13	36.252	26.22		1520.4							
	STD	00125	18.13	36.26	26.22	00.248	1520.4							
	STD	00150	18.10	36.42	26.36	00.293	1520.9							
23.0	085	00169	18.07	36.523	26.44		1521.3							
	STD	00200	18.01	36.51	26.44	00.378	1521.6							
	STD	00230	17.88	36.48	26.45	00.461	1522.0							
	STD	00300	17.72	36.44	26.46	00.545	1522.3							
23.0	085	T00333	17.60	36.410	26.47		1522.5							
	STD	00400	17.30	36.33	26.48	00.714	1522.6							
23.0	085	00418	17.21	36.326	26.50		1522.6							
	STD	00500	16.74	36.36	26.64	00.878	1522.6							
23.0	085	00500	16.74	36.358	26.64		1522.6							
23.0	085	T01253	05.23	35.291	27.90		1493.2							

REFID	31	1971	YEAR	1972	80TOP	05303	AIR TEMP	19.0	DIR HGT	PER	WIND-DIR	20	INST	NANSEN	CAST	TEN SQ	1207
CONSEC	0015		MONTH	01	SHIP	3L	WET BULB	17.8		33 3 3	WIND-SPD	20	TRACE	DIR		5 SQUARE	3
LAT	37 20 N		OAY	08	DATA USE	1	BAROMETR	1004.0	SEA		WIND-FOR		DURATION			2 SQUARE	60
LONG	050 20 W		HOUR	02.7	AREA	05	CLOUD T/A	6/8	CL/TR		WEATHER	X2	ORIG	A4 026		1 SQUARE	70

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	QXYG	PD4	TOT P	NO2	NO3	S103	PH
	STD	00000	18.20	36.47	26.37	00.000	1518.8							
02.7	085	00000	18.20	36.471	26.37		1518.8							
	STD	00010	18.19	36.44	26.35	00.017	1518.9							
	STD	00020	18.18	36.43	26.34	00.034	1519.1							
02.7	085	00024	18.18	36.429	26.34		1519.1							
	STD	00030	18.20	36.44	26.34	00.051	1519.3							
02.7	085	00044	18.22	36.450	26.34		1519.6							
	STD	00050	18.21	36.43	26.33	00.085	1519.6							
02.7	085	00068	18.21	36.415	26.32		1519.9							
	STD	00075	18.22	36.43	26.33	00.128	1520.1							
02.7	085	00088	18.24	36.442	26.33		1520.4							
	STD	00100	18.23	36.44	26.34	00.171	1520.5							
	STD	00125	18.22	36.44	26.34	00.215	1520.9							
02.7	085	00133	18.22	36.444	26.34		1521.0							
	STD	00150	18.22	36.43	26.33	00.258	1521.3							
02.7	085	00176	18.21	36.419	26.32		1521.7							
	STD	00200	18.02	36.43	26.37	00.346	1521.6							
	STD	00250	17.70	36.44	26.47	00.430	1521.4							
02.7	085	00265	17.62	36.444	26.49		1521.5							
	STD	00300	17.50	36.40	26.48	00.513	1521.6							
02.7	085	T00352	17.31	36.356	26.50		1521.5							
	STD	00400	17.12	36.35	26.54	00.678	1522.1							
02.7	085	T0441	16.94	36.348	26.58		1522.2							
05.7	085	T01987	03.94	34.976	27.79		1499.7							
	STD	02000	03.93	34.98	27.80		1499.9							
	STD	02500	03.53	34.98	27.84		1506.7							
05.7	085	02525	03.51	34.982	27.84		1507.1							
	STD	03000	03.10	34.95	27.86		1513.5							
05.7	085	T03065	03.05	34.946	27.86		1514.4							
05.7	085	T03609	02.62	35.113	28.03		1522.3							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.

REFID 31 8296 YEAR 1972 BOTOP 00090 AIR TEMP 01.7 DIR HGT PER WIND-OIR 19 INST STD RECORDER TEM SJ 1306
 CDWSEC 0001 MONTH 04 SHIP EV WET BULB 00.6 18 1 2 WIND-SPD 13 TRACE OIR 0 5 SQUARE 4
 LAT 47 00.0N DAY 07 DATA USE 1 BAROMETR 1015.9 SEA WIND-FJR DURATION 00.1 2 SQUARE 68
 LONG 048 59.0W HOUR 19.9 AREA 05 CLOUD T/4 CL/TR WEATHER XS ORIG IIP 110 1 SQUARE 78

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	S133	P4
19.9	STD	00000	- 1.31	32.86	26.46	00.000	1440.2							
	OBS	00000	- 1.31	32.865	26.46		1440.2							
	STD	00010	- 1.33	32.86	26.46	00.016	1440.3							
	OBS	00010	- 1.33	32.865	26.46		1440.3							
	STD	00020	- 1.37	32.85	26.45	00.032	1440.3							
	OBS	00020	- 1.37	32.855	26.45		1440.3							
	STD	00030	- 1.41	32.86	26.46	00.048	1440.3							
	OBS	00030	- 1.41	32.865	26.46		1440.3							
	STD	00050	- 1.44	32.87	26.46	00.079	1440.4							
	OBS	00050	- 1.44	32.870	26.46		1440.4							
	STD	00075	- 1.48	32.88	26.48	00.118	1440.7							
	OBS	00075	- 1.48	32.885	26.48		1440.7							

REFID 31 8296 YEAR 1972 BOTOP 00108 AIR TEMP 01.7 DIR HGT PER WIND-OIR 19 INST STD RECORDER TEM SJ 1306
 CONSEC 0002 MONTH 04 SHIP EV WET BULB 00.6 20 3 2 WIND-SPD 13 TRACE OIR 0 5 SQUARE 4
 LAT 47 00.0N DAY 07 DATA USE 1 BAROMETR 1015.2 SEA WIND-FJR DURATION 00.1 2 SQUARE 68
 LONG 048 34.0W HOUR 22.1 AREA 05 CLOUD T/4 CL/TR WEATHER XS ORIG IIP 110 1 SQUARE 78

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	S133	PH
22.1	STD	00000	- 1.37	32.82	26.42	00.000	1439.9							
	OBS	00000	- 1.37	32.820	26.42		1440.0							
	STD	00010	- 1.37	32.82	26.42	00.016	1440.1							
	OBS	00012	- 1.36	32.818	26.42		1440.1							
	STD	00020	- 1.37	32.82	26.42	00.032	1440.2							
	STD	00030	- 1.38	32.82	26.42	00.049	1440.3							
	OBS	00032	- 1.38	32.816	26.42		1440.4							
	OBS	00035	- 1.39	32.803	26.41		1440.3							
	STD	00050	- 1.46	32.81	26.42	00.081	1440.3							
	OBS	00050	- 1.46	32.812	26.42		1440.3							
	STD	00075	- 1.54	32.85	26.45	00.121	1440.3							
	OBS	00076	- 1.55	32.852	26.45		1440.3							
	STD	00100	- 1.66	32.96	26.54	00.159	1440.4							
	OBS	00100	- 1.66	32.959	26.54		1440.4							
	OBS	00106	- 1.67	32.962	26.54		1440.4							

REFID 31 8296 YEAR 1972 BOTOP 00121 AIR TEMP 00.6 DIR HGT PER WIND-OIR 19 INST STD RECORDER TEM SJ 1306
 CONSEC 0003 MONTH 04 SHIP EV WET BULB -00.6 20 2 3 WIND-SPD 13 TRACE OIR 0 5 SQUARE 4
 LAT 47 00.0N DAY 08 DATA USE 1 BAROMETR 1014.6 SEA WIND-FJR DURATION 00.1 2 SQUARE 68
 LONG 048 15.0W HOUR 00.2 AREA 05 CLOUD T/4 CL/TR WEATHER XS ORIG IIP 110 1 SQUARE 78

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	S133	P4
00.2	OBS	00009	- 1.36	32.813	26.41		1440.1							
	STD	00010	- 1.36	32.81	26.41		1440.1							
	STD	00020	- 1.35	32.81	26.41		1440.3							
	OBS	00021	- 1.35	32.812	26.41		1440.3							
	STD	00030	- 1.35	32.81	26.41		1440.5							
	OBS	00032	- 1.35	32.811	26.41		1440.5							
	OBS	00047	- 1.42	32.795	26.40		1440.4							
	STD	00050	- 1.42	32.82	26.42		1440.5							
	OBS	00050	- 1.42	32.822	26.42		1440.5							
	STD	00075	- 1.54	32.82	26.42		1440.3							
	OBS	00075	- 1.54	32.820	26.42		1440.3							
	OBS	00092	- 1.64	32.883	26.48		1440.2							
	STD	00100	- 1.64	32.92	26.51		1440.4							
	OBS	00100	- 1.64	32.920	26.51		1440.4							
	OBS	00117	- 1.60	33.004	26.57		1441.0							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296 YEAR 1972 BOTOP 00157 AIR TEMP 01.1 OIR HGT PER WIND-OIR 27 INST STO RECORDER TEN SQ 1306
 CONSEC 0004 MONTH 04 SHIP EV WET BULB 00.6 18 0 2 WIND-SPO 14 TRACE OIR 0 5 SQUARE 4
 LAT 47 01 N DAY OR DATA USE 1 BAROMETER 1012.5 SEA WIND-FJR DURATION 00.1 2 SQUARE 66
 LONG 047 50 W HOUR 03.3 AREA 05 CLOUD T/A CL/T/A WEATHER X4 ORIG IIP 110 1 SQUARE 77

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	S133	PH
03.3	OBS	00011	- 1.37	32.856	26.45		1440.1							
	STO	00020	- 1.37	32.86	26.45		1440.2							
	STO	00030	- 1.38	32.85	26.45		1440.4							
	OBS	00031	- 1.38	32.854	26.45		1440.4							
	OBS	00037	- 1.41	32.845	26.44		1440.3							
	OBS	00049	- 1.59	32.893	26.48		1439.8							
	STO	00050	- 1.59	32.89	26.49		1439.8							
	OBS	00051	- 1.59	32.896	26.49		1439.8							
	OBS	00068	- 1.54	33.025	26.59		1440.5							
	STO	00075	- 1.41	33.10	26.65		1441.3							
	OBS	00075	- 1.41	33.105	26.65		1441.3							
	OBS	00081	- 1.23	33.167	26.70		1442.4							
	OBS	00087	- 1.42	33.171	26.71		1441.6							
	STO	00100	- 1.28	33.27	26.78		1442.6							
	OBS	00101	- 1.27	33.277	26.79		1442.7							
	STO	00125	- 1.31	33.29	26.80		1442.9							
	OBS	00126	- 1.31	33.291	26.80		1442.9							
	OBS	00134	- 1.32	33.313	26.82		1443.0							
	OBS	00139	- 0.77	33.396	26.87		1445.8							
	STO	00150	- 0.77	33.40	26.87		1446.0							
	OBS	00151	- 0.77	33.396	26.87		1446.0							

REFID 31 8296 YEAR 1972 BOTOP 00311 AIR TEMP 02.8 OIR HGT PER WIND-OIR 22 INST STO RECORDER TEN SQ 1306
 CONSEC 0005 MONTH 04 SHIP EV WET BULB 02.2 21 3 2 WIND-SPO 23 TRACE OIR 0 5 SQUARE 4
 LAT 47 05 N DAY OR DATA USE 1 BAROMETER 1009.5 SEA WIND-FJR DURATION 00.1 2 SQUARE 66
 LONG 047 24 W HOUR 07.7 AREA 05 CLOUD T/A CL/T/A WEATHER X4 ORIG IIP 110 1 SQUARE 77

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	S133	PH
07.7	STO	00000	- 1.23	32.90	26.49	00.000	1440.7							
	OBS	00003	- 1.23	32.905	26.49		1440.7							
	STO	00010	- 1.24	32.91	26.49	00.016	1440.8							
	STO	00020	- 1.24	32.91	26.49	00.031	1440.9							
	OBS	00025	- 1.25	32.918	26.50		1441.0							
	STO	00030	- 1.26	32.97	26.54	00.046	1441.1							
	STO	00050	- 1.28	33.16	26.69	00.075	1441.6							
	OBS	00050	- 1.28	33.164	26.70		1441.6							
	OBS	00073	- 1.22	33.288	26.79		1442.5							
	STO	00075	- 1.22	33.29	26.80	00.107	1442.5							
	STO	00100	- 1.18	33.40	26.88	00.138	1443.2							
	OBS	00100	- 1.18	33.399	26.88		1443.2							
	OBS	00103	- 1.14	33.412	26.89		1443.5							
	OBS	00109	- 1.35	33.487	26.96		1442.7							
	OBS	00115	- 0.76	33.439	26.90		1445.5							
	OBS	00121	- 0.63	33.462	26.91		1446.3							
	STO	00125	- 0.69	33.53	26.97	00.166	1446.1							
	OBS	00125	- 0.69	33.530	26.97		1446.1							
	OBS	00130	- 0.56	33.532	26.97		1446.8							
	OBS	00142	- 0.25	33.556	26.97		1448.5							
	STO	00150	- 1.01	33.51	26.97	00.193	1445.0							
	OBS	00150	- 1.03	33.509	26.97		1444.9							
	OBS	00153	- 1.08	33.610	27.05		1444.9							
	OBS	00161	- 0.62	33.666	27.08		1447.3							
	OBS	00165	- 0.37	33.785	27.16		1448.6							
	OBS	00168	00.06	33.774	27.14		1450.6							
	OBS	00183	00.48	33.921	27.23		1453.1							
	OBS	00191	00.65	33.909	27.21		1453.9							
	STO	00200	00.82	33.96	27.24	00.241	1454.9							
	OBS	00201	00.85	33.969	27.25		1455.0							
	OBS	00219	01.36	34.165	27.37		1457.9							
	OBS	00225	01.79	34.322	27.47		1460.1							
	OBS	00249	02.18	34.369	27.47		1462.3							
	STO	00250	02.18	34.37	27.47	00.278	1462.3							
	OBS	00273	02.52	34.470	27.53		1464.3							
	OBS	00284	03.05	34.586	27.57		1466.9							
	STO	00300	03.16	34.59	27.57	00.308	1467.7							
	OBS	00302	03.18	34.596	27.57		1467.8							
	OBS	00305	03.21	34.608	27.57		1468.0							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972—18 June 1972, Prepared from NODC Listing No. 31 8296.—Continued

PFFID 31 8296 YEAR 1972 BOTUP 00690 AIR TEMP 00.5 DIR HGT PER WIND-01R 23 INST STO RECORDER TFM SQ 1306
 CONSEC 0006 MONTH 04 SHIP EV WET BULB 00.0 21 3 2 WIND-SRD 23 TRACE OIR 0 5 SQUARE 4
 LAT 47 12 N DAY 04 DATA USE 1 BAROMETR 1007.1 SEA WIND-FJR OURATION 00.2 2 SQUARE 66
 LONG 047 09 W HOUR 11.3 AREA 05 CLOUD T/A CL/TR WEATHFR X4 ORIG IIP 110 1 SQUARE 77

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPHT	SND VEL	CHYG	P14	TOT P	NO2	NO3	S133	P4
11.3	STD	00000	- 1.11	32.93	26.50	00.000	1441.3							
	UBS	00000	- 1.11	32.929	26.50		1441.3							
	STD	00010	- 1.13	32.95	26.52	00.015	1441.4							
	STD	00020	- 1.16	32.97	26.53	00.031	1441.4							
	UBS	00025	- 1.18	32.975	26.54		1441.4							
	STD	00030	- 1.21	33.03	26.59	00.045	1441.4							
	STD	00050	- 1.32	33.22	26.74	00.073	1441.5							
	UBS	00050	- 1.32	33.224	26.75		1441.5							
	STD	00075	- 1.44	33.33	26.83	00.105	1441.5							
	UBS	00075	- 1.45	33.333	26.84		1441.5							
	STD	00100	- 1.55	33.45	26.93	00.134	1441.6							
	UBS	00100	- 1.55	33.449	26.93		1441.6							
	UBS	00103	- 1.57	33.452	26.94		1441.5							
	UBS	00106	- 1.55	33.488	26.97		1441.7							
	UBS	00109	- 1.41	33.602	27.05		1442.6							
	UBS	00112	- 1.16	33.618	27.06		1443.8							
	UBS	00115	- 1.00	33.569	27.01		1444.6							
	UBS	00124	- 0.88	33.587	27.03		1445.3							
	STD	00125	- 0.85	33.59	27.03	00.161	1445.5							
	UBS	00132	- 0.57	33.671	27.08		1447.0							
	UBS	00139	- 0.94	33.662	27.09		1445.4							
	UBS	00144	- 0.76	33.721	27.13		1446.4							
	STD	00150	- 0.56	33.81	27.20	00.185	1447.5							
	UBS	00151	- 0.50	33.829	27.21		1447.9							
	UBS	00157	00.08	33.909	27.24		1450.7							
	UBS	00160	00.27	33.944	27.26		1451.7							
	UBS	00175	00.58	33.992	27.28		1453.4							
	UBS	00178	00.77	34.016	27.29		1454.4							
	UBS	00188	01.01	34.081	27.33		1455.7							
	UBS	00199	01.37	34.131	27.34		1457.6							
	STD	00200	01.38	34.13	27.35	00.225	1457.6							
	UBS	00225	01.66	34.230	27.40		1459.4							
	UBS	00229	01.77	34.316	27.46		1460.1							
	UBS	00233	02.04	34.333	27.46		1461.4							
	UBS	00249	02.14	34.330	27.45		1462.1							
	STD	00250	02.13	34.34	27.45	00.260	1462.0							
	UBS	00252	02.12	34.368	27.48		1462.1							
	UBS	00259	02.39	34.418	27.50		1463.4							
	UBS	00274	02.62	34.473	27.52		1464.8							
	STD	00300	02.92	34.53	27.54	00.291	1466.6							
	UBS	00300	02.92	34.535	27.54		1466.6							
	UBS	00325	03.04	34.563	27.55		1467.5							
	UBS	00337	02.87	34.528	27.54		1467.0							
	UBS	00343	02.90	34.574	27.58		1467.4							
	UBS	00385	03.13	34.597	27.57		1469.0							
	STD	00400	03.27	34.62	27.58	00.347	1469.8							
	UBS	00400	03.27	34.625	27.58		1469.8							
	UBS	00425	03.40	34.648	27.59		1470.9							
	UBS	00452	03.57	34.696	27.61		1472.1							
	UBS	00469	03.88	34.793	27.66		1473.8							
	UBS	00475	03.90	34.782	27.66		1473.8							
	STD	00500	04.01	34.82	27.67	00.398	1474.9							
	UBS	00501	04.01	34.823	27.67		1474.9							
	UBS	00524	04.07	34.843	27.68		1475.6							
	UBS	00554	04.10	34.851	27.68		1476.2							
	UBS	00579	04.10	34.855	27.68		1476.6							
	STD	00600	04.08	34.86	27.69	00.446	1476.9							
	UBS	00603	04.08	34.858	27.69		1477.0							
	UBS	00607	04.08	34.861	27.69		1477.0							

TABLE XIII. Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31 8296. Continued

REFID 31 8296	YEAR 1972	BO TOP 01168	AIR TEMP 03.9	DIR HGT PER	WIND-DIR 2)	INST STO RECORDER	TEN SQ 1306
CONSEC 0007	MONTH 04	SHIP EV	WET RUB 01.9	18 3 3	WIND-SPO 3)	TRACE DIR 0	5 SQUARE 4
LAT 47 02 N	DAY 08	DATA USE 1	BAROMETR 1007.1	SFA	WIND-FJR	DURATION	2 SQUARE 66
LONG 046 56 W	HR 14.6	AREA 35	CLOUD T/A	CL/ZR	WEATHER X4	ORIG IIP ILO	1 SQUARE 76

CASSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNDEPTH	SNO VEL	TKYG	P74	TOT P	V72	N03	S133	P4
14.6	STO	00000	- 1.19	33.32	26.82	00.000	1441.4							
	085	00001	- 1.19	33.316	26.82		1441.4							
	085	00004	- 1.19	33.314	26.81		1441.5							
	STO	00010	- 1.19	33.32	26.82	00.012	1441.6							
	STO	00020	- 1.19	33.33	26.83	00.025	1441.8							
	085	00026	- 1.19	33.334	26.83		1441.9							
	STO	00030	- 1.23	33.37	26.86	00.037	1441.3							
	085	00049	- 1.51	33.522	26.99		1441.0							
	STO	00050	- 1.54	33.53	27.00	00.059	1440.9							
	085	00056	- 1.66	33.574	27.04		1440.5							
	085	00064	- 1.67	33.604	27.06		1440.6							
	085	00070	- 1.16	33.655	27.09		1443.2							
	085	00074	- 1.02	33.676	27.10		1444.0							
	STO	00075	- 1.02	33.68	27.10	00.085	1444.0							
	085	00094	- 0.86	33.806	27.20		1445.2							
	STO	00100	- 0.62	33.92	27.28	00.107	1446.6							
	085	00101	- 0.50	33.930	27.29		1447.2							
	085	00105	- 0.25	33.923	27.27		1448.4							
	STO	00125	- 0.14	33.94	27.28	00.127	1449.3							
	STO	00150	00.01	34.06	27.37	00.146	1450.5							
	085	00153	00.03	34.090	27.39		1450.7							
	085	00164	00.64	34.182	27.43		1453.8							
	085	00169	00.82	34.205	27.44		1454.7							
	085	00174	00.89	34.206	27.44		1455.1							
	085	00178	00.98	34.241	27.46		1455.6							
	085	00186	01.51	34.357	27.52		1458.3							
	085	00190	02.17	34.442	27.53		1461.4							
	085	00194	02.46	34.497	27.55		1462.8							
	STO	00200	02.48	34.50	27.55	00.177	1463.0							
	085	00225	02.69	34.520	27.55		1464.3							
	STO	00250	03.00	34.61	27.59	00.204	1466.2							
	085	00251	03.06	34.619	27.60		1466.5							
	085	00257	03.44	34.683	27.61		1468.3							
	085	00273	03.58	34.745	27.65		1469.2							
	STO	00300	03.74	34.77	27.65	00.229	1470.4							
	085	00306	03.78	34.781	27.66		1470.7							
	085	00325	03.91	34.828	27.68		1471.6							
	085	00352	03.96	34.843	27.69		1472.3							
	085	00376	04.04	34.865	27.70		1473.0							
	STO	00400	04.07	34.88	27.70	00.275	1473.6							
	085	00401	04.07	34.879	27.70		1473.6							
	085	00424	04.08	34.889	27.71		1474.0							
	085	00455	04.08	34.896	27.72		1474.6							
	085	00473	04.07	34.900	27.72		1474.8							
	STO	00500	04.07	34.90	27.72	00.318	1475.3							
	085	00502	04.07	34.904	27.72		1475.3							
	085	00531	04.07	34.908	27.73		1475.8							
	085	00549	04.06	34.910	27.73		1476.1							
	085	00578	04.05	34.912	27.73		1476.5							
	STO	00600	04.05	34.91	27.73	00.362	1476.9							
	085	00602	04.05	34.915	27.73		1476.9							
	085	00629	04.05	34.917	27.74		1477.3							
	085	00653	04.04	34.919	27.74		1477.7							
	085	00674	04.03	34.919	27.74		1478.0							
	STO	00700	04.03	34.92	27.74	00.405	1478.4							
	085	00700	04.03	34.924	27.74		1478.4							
	085	00724	04.02	34.926	27.75		1478.8							
	085	00750	04.04	34.935	27.75		1479.3							
	085	00776	04.04	34.938	27.75		1479.8							
	STO	00800	04.03	34.94	27.76	00.447	1480.1							
	085	00800	04.03	34.941	27.76		1480.1							
	STO	00900	04.00	34.95	27.77	00.490	1481.7							
	085	00900	04.00	34.955	27.77		1481.7							
	STO	01000	03.95	34.96	27.79	00.532	1483.2							
	085	01000	03.95	34.965	27.79		1483.2							
	085	01016	03.94	34.964	27.79		1483.4							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972—18 June 1972, Prepared from NODC Listing No. 31—8296.—Continued

REFID 31 8296	YFA ² 1972	STATION 00750	AIR TEMP 05.6	OIR HGT PER	WIND-OIR 23	INST STO RECORDER	TEN S2 1306
CONSEC J008	MOVNT 04	SHIP EV	WET RULR 05.0	24 5 2	WIND-SPO 33	TRACE OIR 3	5 SQUARE 4
LAT 47 05.0N	DAY 08	DATA USE 1	BAROMETER 1005.1	SEA	WIND-FJR	DURATION 00.2	2 SQUARE 66
LONG 046 39.5W	HOUR 17.6	AREA 35	(CLOUD) 1/A	CL/TR	WEATHER X4	ORIG IIP 110	1 SQUARE 76

CSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGNA-T	DYNOPHT	SNO VEL	OXYG	P34	TOT P	NO2	NO3	S133	P4
17.6	STN	00000	02.95	33.96	27.08	00.000	1461.0							
	OBS	00003	02.95	33.963	27.08		1461.0							
	STO	00010	02.95	33.96	27.09	00.010	1461.2							
	STD	00020	02.95	33.97	27.09	00.020	1461.3							
	OBS	00024	02.95	33.967	27.09		1461.4							
	STN	00030	02.94	33.97	27.09	00.030	1461.5							
	OBS	00049	02.86	33.976	27.10		1461.4							
	STN	00050	02.86	33.98	27.10	00.049	1461.4							
	OBS	00054	02.82	33.952	27.09		1461.3							
	OBS	00057	02.66	33.915	27.07		1460.6							
	OBS	00060	02.58	33.961	27.12		1460.4							
	OBS	00074	02.69	33.995	27.13		1461.1							
	STO	00075	02.69	34.00	27.13	00.073	1461.1							
	STN	00100	02.67	34.00	27.14	00.097	1461.5							
	OBS	00108	02.67	33.999	27.14		1461.6							
	OBS	00124	02.77	34.044	27.17		1462.4							
	STN	00125	02.77	34.04	27.16	00.120	1462.4							
	OBS	00127	02.76	34.022	27.15		1462.3							
	OBS	00133	02.49	34.090	27.23		1461.4							
	OBS	00135	02.56	34.104	27.23		1461.7							
	OBS	00143	01.89	34.083	27.27		1458.9							
	OBS	00148	01.60	34.103	27.31		1457.7							
	STO	00150	02.07	34.20	27.35	00.141	1459.9							
	OBS	00157	03.71	34.492	27.43		1467.5							
	OBS	00163	04.14	34.517	27.41		1469.5							
	OBS	00169	04.16	34.518	27.41		1469.7							
	OBS	00174	04.40	34.559	27.41		1470.8							
	OBS	00199	04.68	34.666	27.47		1472.5							
	STO	00200	04.67	34.67	27.47	00.176	1472.5							
	OBS	00223	04.63	34.751	27.54		1472.8							
	STO	00250	04.92	34.86	27.59	00.205	1474.6							
	OBS	00253	04.92	34.862	27.60		1474.7							
	OBS	00277	04.72	34.836	27.60		1474.2							
	OBS	00287	04.47	34.838	27.63		1473.3							
	OBS	00298	04.64	34.872	27.64		1474.3							
	STO	00300	04.66	34.88	27.64	00.231	1474.4							
	OBS	00327	04.81	34.912	27.65		1475.5							
	OBS	00332	04.80	34.915	27.65		1475.6							
	OBS	00348	04.73	34.908	27.65		1475.5							
	OBS	00354	04.67	34.862	27.63		1475.3							
	OBS	00358	04.63	34.900	27.66		1475.3							
	OBS	00373	04.49	34.886	27.66		1474.9							
	OBS	00398	04.38	34.893	27.68		1474.9							
	STO	00400	04.39	34.89	27.68	00.279	1474.9							
	OBS	00427	04.44	34.919	27.70		1475.6							
	OBS	00452	04.36	34.902	27.69		1475.7							
	OBS	00461	04.31	34.911	27.70		1475.6							
	OBS	00475	04.31	34.914	27.71		1475.9							
	OBS	00499	04.24	34.914	27.71		1476.0							
	STO	00500	04.24	34.91	27.71	00.324	1476.0							
	OBS	00525	04.22	34.916	27.72		1476.3							
	OBS	00576	04.19	34.922	27.73		1477.1							
	OBS	00599	04.15	34.923	27.73		1477.3							
	STO	00600	04.15	34.92	27.73	00.368	1477.3							
	OBS	00626	04.18	34.930	27.73		1477.9							
	OBS	00656	04.17	34.927	27.73		1478.3							
	OBS	00679	04.13	34.928	27.74		1478.5							
	OBS	00698	04.11	34.928	27.74		1478.8							
	STO	00700	04.11	34.93	27.74	00.411	1478.8							
	OBS	00706	04.11	34.927	27.74		1478.9							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31 8296. (Continued)

REFID 31 8296 YEAR 1972 BOTOP 00329 AIR TEMP 05.0 DIR HGT PER WIND-DIR 23 INST STD RECORDER TEN SQ 1306
 CONSEC 0009 MONT-1 04 SHIP EV MET BULB 03.9 21 2 3 WIND-SPO 23 TRACE DIR 0 5 SQUARE 4
 LAT 47 06 N DAY 08 DATA USE 1 BAROMETR 1007.1 SEA WIND-FJR DURATION 00.1 2 SQUARE 66
 LONG 046 24 W HOUR 20.2 AREA 05 CLOUD T/A CL/T/R WEATHER X4 ORIG IIP 110 1 SQUARE 76

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OMNPTH	SNO VEL	XYG	P14	TOT P	NO2	NO3	S133	P4
20.2	STD	00000	01.82	33.84	27.08	00.000	1455.9							
	0BS	00008	01.82	33.845	27.08		1456.0							
	STD	00010	01.82	33.84	27.08	00.010	1456.1							
	0BS	00010	01.92	33.845	27.08		1456.1							
	0BS	00019	01.82	33.844	27.08		1456.2							
	STD	00020	01.82	33.84	27.08	00.020	1456.2							
	STD	00030	01.79	33.85	27.09	00.030	1456.3							
	0BS	00030	01.79	33.854	27.09		1456.3							
	STD	00050	01.80	33.86	27.09	00.049	1456.6							
	0BS	00050	01.80	33.857	27.09		1456.6							
	0BS	00059	01.91	33.854	27.08		1457.3							
	0BS	00070	01.95	33.914	27.13		1457.7							
	STD	00075	02.26	33.94	27.13	00-073	1459.2							
	0BS	00075	02.26	33.941	27.13		1459.2							
	0BS	00079	02.47	33.991	27.15		1460.3							
	0BS	00090	02.80	34.006	27.13		1461.9							
	STD	00100	02.90	34.00	27.12	00.097	1462.5							
	0BS	00100	02.90	34.004	27.12		1462.5							
	0BS	00110	03.01	34.032	27.13		1463.1							
	STD	00125	03.23	34.09	27.16	00.121	1464.4							
	0BS	00125	03.24	34.092	27.16		1464.5							
	0BS	00131	03.08	34.051	27.14		1463.8							
	0BS	00136	01.67	34.026	27.24		1457.7							
	0BS	00140	01.64	34.042	27.25		1457.7							
	0BS	00145	01.75	34.170	27.35		1458.4							
	STD	00150	02.14	34.25	27.38	00.141	1460.3							
	0BS	00150	02.20	34.258	27.38		1460.6							
	0BS	00160	03.07	34.26 P	27.310*									
	0BS	00175	03.22	34.26 P	27.300									
	STD	00200	03.64	34.37	27.35	00.178	1467.8							
	0BS	00200	03.65	34.378	27.35		1467.8							
	0BS	00224	04.00	34.488	27.40		1469.9							
	0BS	00248	04.42	34.596	27.44		1472.2							
	STD	00250	04.46	34.61	27.45	00.213	1472.4							
	0BS	00274	04.79	34.756	27.53		1474.3							
	STD	00300	04.67	34.81	27.58	00.244	1474.3							
	0BS	00300	04.67	34.808	27.58		1474.3							
	0BS	00311	04.64	34.826	27.60		1474.4							

REFID 31 8296 YEAR 1972 BOTOP 00311 AIR TEMP 02.2 DIR HGT PER WIND-DIR 33 INST STD RECORDER TEN SQ 1306
 CONSEC 0010 MONT-1 04 SHIP EV MET BULB 01.7 21 2 3 WIND-SPO 13 TRACE DIR 0 5 SQUARE 4
 LAT 47 05 N DAY 08 DATA USE 1 BAROMETR 1010.5 SEA WIND-FJR DURATION 00.1 2 SQUARE 66
 LONG 046 04 W HOUR 22.6 AREA 05 CLOUD T/A CL/T/R WEATHER X2 ORIG IIP 110 1 SQUARE 76

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OMNPTH	SNO VEL	XYG	P14	TOT P	NO2	NO3	S133	P4
22.6	0BS	00009	00.54	33.535	26.92		1449.9							
	STD	00010	00.54	33.54	26.92		1449.9							
	0BS	00012	00.55	33.540	26.92		1450.0							
	STD	00020	00.52	33.55	26.93		1450.0							
	STD	00030	00.49	33.57	26.95		1450.0							
	0BS	00039	00.45	33.594	26.97		1450.1							
	0BS	00042	00.20	33.88 P	27.210									
	0BS	00045	00.93	33.96 P	27.240									
	0BS	00048	01.41	33.889	27.15 *		1454.9							
	STD	00050	01.46	33.86	27.12 *		1455.1							
	0BS	00051	01.50	33.836	27.10		1455.3							
	STD	00075	01.55	33.81	27.08		1455.9							
	0BS	00080	01.57	33.809	27.07		1456.1							
	STD	00100	01.66	33.86	27.11		1456.8							
	0BS	00105	01.71	33.875	27.12		1457.2							
	0BS	00124	01.96	33.901	27.12		1458.6							
	STD	00125	01.93	33.88	27.10		1458.5							
	0BS	00128	01.73	33.836	27.08		1457.6							
	0BS	00131	01.43	33.862	27.12		1456.3							
	0BS	00137	01.01	33.830	27.13		1454.5							
	0BS	00142	00.74	33.921	27.22		1453.5							
	STD	00150	02.53	34.18	27.29		1461.9							
	0BS	00154	03.19	34.278	27.31		1465.0							
	0BS	00171	03.26	34.351	27.37		1465.7							
	0BS	00176	03.49	34.469	27.44		1466.9							
	0BS	00182	03.75	34.482	27.42		1468.1							
	0BS	00197	03.81	34.531	27.45		1468.7							
	STD	00200	03.91	34.55	27.46		1469.1							
	0BS	00200	03.91	34.552	27.46		1469.2							
	0BS	00206	04.17	34.577	27.45		1470.4							
	0BS	00208	04.19	34.647	27.51		1470.6							
	0BS	00214	04.78	34.711	27.49		1473.3							
	0BS	00220	04.69	34.681	27.48		1472.9							
	0BS	00225	04.74	34.734	27.52		1473.3							
	0BS	00231	04.90	34.772	27.53		1474.1							
	STD	00250	04.81	34.80	27.56		1474.1							
	0BS	00251	04.80	34.798	27.56		1474.1							
	0BS	00277	04.62	34.820	27.60		1473.8							
	0BS	00286	04.61	34.813	27.59		1473.9							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296 YEAR 1972 STDP 00272 AIR TEMP 01.7 OIR HGT PER WIND-OIR 03 INST STD RECORDER TEN SQ 1306
 CONSEC 0011 MONTH 04 SHIP EV WET BULB 01.1 21 2 2 WIND-SPO 12 TRACE OIR 0 5 SQUARE 4
 LAT 47 02 N DAY 07 DATA USE 1 BAROMETR 1010.8 SEA WIND-FJR DURATION 00.1 2 SQUARE 64
 LONG 045 50 W HOUR 00.0 AREA 05 CLOUD T/A CL/TR WEATHER XS ORIG IIP 110 1 SQUARE 75

CASNUM/TIME	LVLTY	DEPTH	TEMP	SAL	SIGMA-T	OYNPTH	SNO VEL	XYG	P34	TOT P	NO2	NO3	SI33	PH
	STD	00000	02.97	33.93	27.06	00.000	1461.0							
00.0	ONS	00003	02.97	33.929	27.06		1461.1							
	STD	00010	02.98	33.96	27.08	00.010	1461.3							
	STD	00020	03.02	33.99	27.10	00.020	1461.7							
	ONS	00021	03.03	33.991	27.10		1461.7							
	STD	00030	03.11	34.00	27.10	00.030	1462.2							
	ONS	00033	03.14	34.009	27.10		1462.4							
	STD	00050	03.23	34.02	27.11	00.049	1463.1							
	ONS	00050	03.23	34.024	27.11		1463.1							
	STD	00075	02.70	34.00	27.14	00.073	1461.2							
	ONS	00077	02.66	33.996	27.14		1461.1							
	ONS	00096	02.52	34.018	27.17		1460.8							
	STD	00100	02.53	34.04	27.18	00.096	1460.9							
	ONS	00103	02.54	34.048	27.19		1461.0							
	ONS	00118	02.84	34.344	27.40		1463.0							
	ONS	00122	03.51	34.405	27.38		1466.0							
	STD	00125	03.76	34.45	27.39	00.115	1467.2							
	ONS	00126	03.89	34.471	27.40		1467.8							
	ONS	00136	04.36	34.509	27.38		1470.0							
	STD	00150	04.63	34.57	27.40	00.134	1471.4							
	ONS	00152	04.65	34.579	27.40		1471.5							
	ONS	00175	04.30	34.644	27.49		1470.5							
	STD	00200	04.58	34.75	27.54	00.166	1472.2							
	ONS	00200	04.59	34.749	27.54		1472.3							
	ONS	00227	04.75	34.804	27.57		1473.5							
	STD	00250	04.55	34.82	27.61	00.193	1473.0							
	ONS	00253	04.54	34.824	27.61		1473.0							
	ONS	00256	04.53	34.825	27.61		1473.1							

REFID 31 8296 YEAR 1972 STDP 00291 AIR TEMP 01.1 OIR HGT PER WIND-OIR 03 INST STD RECORDER TEN SQ 1306
 CONSEC 0012 MONTH 04 SHIP EV WET BULB 00.6 04 1 2 WIND-SPO 12 TRACE OIR 0 5 SQUARE 4
 LAT 47 21 N DAY 09 DATA USE 1 BAROMETR 1010.5 SEA WIND-FJR DURATION 00.1 2 SQUARE 64
 LONG 045 46 W HOUR 02.5 AREA 05 CLOUD T/A CL/TR WEATHER XS ORIG IIP 110 1 SQUARE 75

CASNUM/TIME	LVLTY	DEPTH	TEMP	SAL	SIGMA-T	OYNPTH	SNO VEL	XYG	P34	TOT P	NO2	NO3	SI33	PH
	STD	00000	- 0.60	33.52	26.96	00.000	1444.5							
02.5	ONS	00004	- 0.60	33.525	26.96		1444.6							
	ONS	00009	- 0.62	33.548	26.98		1444.6							
	STD	00010	- 0.62	33.55	26.98	00.011	1444.6							
	STD	00020	- 0.57	33.56	26.99	00.022	1445.0							
	ONS	00023	- 0.56	33.560	26.99		1445.1							
	STD	00030	- 0.45	33.61	27.03	00.032	1445.8							
	ONS	00031	- 0.42	33.615	27.03		1445.9							
	ONS	00043	00.10	33.689	27.07		1448.6							
	ONS	00049	00.31	33.744	27.10		1449.8							
	STD	00050	00.31	33.74	27.10	00.052	1449.8							
	ONS	00055	00.65	33.769	27.10		1451.5							
	ONS	00059	00.98	33.859	27.15		1453.1							
	STD	00075	01.58	33.93	27.17	00.076	1456.2							
	ONS	00078	01.59	33.930	27.17		1456.3							
	ONS	00091	01.23	33.887	27.16		1454.8							
	ONS	00096	01.20	33.881	27.16		1454.8							
	STD	00100	00.77	33.77	27.10	00.100	1452.8							
	ONS	00103	00.73	33.768	27.09		1452.6							
	ONS	00107	00.20	33.884	27.22		1450.4							
	STD	00125	00.45	34.05	27.34	00.121	1452.1							
	ONS	00127	00.52	34.072	27.35		1452.5							
	ONS	00140	01.02	34.183	27.41		1455.1							
	ONS	00145	01.27	34.232	27.43		1456.4							
	STD	00150	01.67	34.27	27.43	00.139	1458.3							
	ONS	00150	01.67	34.271	27.43		1458.3							
	ONS	00153	02.03	34.351	27.47		1460.0							
	ONS	00165	04.42	34.639	27.48		1470.8							
	ONS	00175	04.36	34.604	27.45		1470.7							
	STD	00200	04.85	34.74	27.51	00.170	1473.3							
	ONS	00204	04.88	34.754	27.52		1473.6							
	ONS	00229	04.74	34.755	27.53		1473.4							
	STD	00250	04.74	34.81	27.58	00.199	1473.8							
	ONS	00251	04.74	34.815	27.58		1473.8							
	ONS	00262	04.72	34.821	27.59		1473.9							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31 8296.—Continued

REF ID	31 8296	YFAR	1972	ADTOP	00677	AIR TEMP	03.0	DIR HGT	PER	WIND-DIR	12	INST STD	RECD	DEFER	TEMP	53	1306
CONSEC	0013	MONTH	04	SHIP EV		WET BULB	03.0		27	2	2	TRACE	DIR		5	SQUARE	4
LAT	47 49 N	DAY	09	DATA USE	1	BAROMETR	1002.9	SFA		WIND-FOR		DURATION		01.4	2	SQUARE	64
LONG	045 50 W	HOHR	06.4	AREA	05	CLOUD T/A		CL/TR		WEATHER	XS	GRIG	11P	110	1	SQUARE	75

CAS	NUM/TIME	LVL	DEPTH	TEMP	SAL	SIGMA-T	DYN	DEPTH	SND	VEL	DRY	W	TOT	P	NO2	NO3	SI03	P4
		STD	00000	- 0.16														
06.4		OBS	00004	- 0.16														
		STD	00010	- 0.12														
		STD	00020	- 0.07														
		OBS	00021	- 0.07														
		STD	00030	- 0.06														
		OBS	00030	- 0.06														
		OBS	00037	00.01														
		OBS	00045	01.08														
		OBS	00049	01.46														
		STD	00050	01.49														
		OBS	00053	01.70														
		STD	00075	02.16														
		OBS	00075	02.18														
		OBS	00085	02.38														
		OBS	00092	02.20														
		OBS	00096	01.55														
		STD	00100	01.17														
		OBS	00100	01.11														
		OBS	00105	00.68														
		OBS	00109	00.10														
		OBS	00113	00.09														
		OBS	00117	00.17														
		OBS	00122	00.45														
		STD	00125	00.53														
		OBS	00126	00.55														
		OBS	00130	00.55														
		OBS	00134	00.92														
		OBS	00138	01.19														
		STD	00150	01.43														
		OBS	00150	01.44														
		OBS	00153	01.57														
		OBS	00157	01.92														
		OBS	00160	02.19														
		OBS	00168	02.23														
		OBS	00171	02.59														
		OBS	00174	02.76														
		OBS	00177	02.78														
		OBS	00181	02.88														
		OBS	00185	03.29														
		OBS	00189	03.43														
		OBS	00193	04.07														
		OBS	00196	04.61														
		STD	00200	04.67														
		OBS	00201	04.67														
		OBS	00209	04.53														
		OBS	00212	04.63														
		OBS	00216	04.87														
		OBS	00225	04.94														
		OBS	00233	04.70														
		OBS	00237	04.67														
		OBS	00241	04.79														
		OBS	00244	04.83														
		OBS	00249	04.17														
		STD	00250	04.17														
		OBS	00253	04.17														
		OBS	00257	03.97														
		OBS	00261	03.92														
		OBS	00267	04.13														
		OBS	00278	03.93														
		OBS	00293	04.10														
		OBS	00298	04.10														
		STD	00300	04.02														
		OBS	00301	03.97														
		OBS	00340	03.94														
		STD	00400	04.08														
		OBS	00417	04.10														
		OBS	00428	04.11														
		OBS	00454	04.12														
		OBS	00478	04.10														
		STD	00500	04.08														
		OBS	00501	04.08														
		OBS	00528	04.11														
		OBS	00550	04.12														
		OBS	00579	04.14														
		STD	00600	04.14														
		OBS	00602	04.14														
		OBS	00630	04.09														
		OBS	00649	04.14														

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8206.—Continued

REFID 31 8296 YEAR 1972 BOTOP 01137 AIR TEMP 01.1 OIR HGT PER WIND-OIR 12 INST STO RECOROER TFM SQ 1306
 CONSEC 0014 MONTH 04 SHIP EV MET 90LR 00.6 OIR 12 0 2 WIND-SPO 13 TRACE DIR 0 5 SQUARE 4
 LAT 48 12 N DAY 09 DATA USE 1 BAROMFTR 100R.5 SEA WIND-FTR DJRATION 00.4 2 SQUARE 84
 LONG 045 55 W HOUR 10.3 ARFA 05 CLOUD T/A CL/TR WEATHER X2 ORIG TTP 110 1 SQUARE 85

CASNUM/TIME	LVLTY	DEPTH	TEMP	SAL	STMA-T	DNOPTH	SNO VEL	DRG	PX	TOT P	NO2	NO3	SI33	P4
10.3	STD	00000	- 1.11	33.46	26.93	00.000	1442.0							
	UBS	00000	- 1.11	33.462	26.93		1442.0							
	UBS	00004	- 1.09	33.480	26.95		1442.2							
	STD	00010	- 1.09	33.49	26.95	00.011	1442.3							
	UBS	00018	- 1.08	33.502	26.96		1442.5							
	STD	00020	- 1.01	33.53	26.98	00.022	1442.9							
	UBS	00024	- 0.88	33.585	27.02		1443.7							
	STD	00030	- 0.92	33.59	27.03	00.033	1443.6							
	UBS	00043	- 1.02	33.629	27.06		1443.4							
	UBS	00049	- 0.87	33.661	27.08		1444.2							
	STD	00050	- 0.87	33.67	27.09	00.053	1444.2							
	UBS	00060	- 0.89	33.751	27.16		1444.4							
	UBS	00062	- 0.79	33.836	27.22		1445.1							
	UBS	00073	- 0.09	34.054	27.37		1448.8							
	STD	00075	00.09	34.07	27.37	00.074	1449.6							
	UBS	00076	00.31	34.096	27.38		1450.7							
	UBS	00083	00.93	34.209	27.44		1453.8							
	STD	00100	01.30	34.24	27.44	00.091	1455.8							
	UBS	00100	01.31	34.241	27.44		1455.8							
	UBS	00114	01.59	34.317	27.48		1457.4							
	STD	00125	01.85	34.38	27.51	00.107	1458.8							
	UBS	00125	01.88	34.386	27.51		1459.0							
	UBS	00136	02.35	34.544	27.60		1461.4							
	UBS	00139	02.63	34.572	27.60		1462.7							
	UBS	00148	03.01	34.560	27.56		1464.5							
	STD	00150	03.02	34.56	27.56	00.121	1464.6							
	UBS	00174	03.25	34.613	27.57		1466.0							
	UBS	00199	03.38	34.649	27.59		1467.0							
	STD	00200	03.37	34.65	27.59	00.148	1467.0							
	UBS	00224	03.25	34.648	27.60		1466.9							
	STD	00250	03.35	34.69	27.63	00.173	1467.8							
	UBS	00251	03.35	34.694	27.63		1467.8							
	UBS	00276	03.47	34.738	27.65		1468.8							
	UBS	00299	03.78	34.793	27.67		1470.6							
	STD	00300	03.78	34.79	27.67	00.197	1470.6							
	UBS	00325	03.93	34.858	27.70		1471.7							
	UBS	00349	04.06	34.847	27.68		1472.7							
	UBS	00374	04.10	34.869	27.69		1473.3							
	STD	00400	04.14	34.87	27.69	00.243	1473.9							
	UBS	00401	04.14	34.875	27.69		1473.9							
	UBS	00431	04.14	34.882	27.70		1474.4							
	UBS	00453	04.13	34.884	27.70		1474.7							
	UBS	00476	04.11	34.887	27.71		1475.0							
	UBS	00499	04.11	34.890	27.71		1475.4							
	STD	00500	04.11	34.89	27.71	00.288	1475.4							
	UBS	00527	04.10	34.892	27.71		1475.8							
	UBS	00549	04.09	34.895	27.71		1476.2							
	UBS	00577	04.08	34.897	27.72		1476.6							
	STD	00600	04.08	34.90	27.72	00.332	1477.0							
	UBS	00602	04.08	34.899	27.72		1477.0							
	UBS	00625	04.08	34.902	27.72		1477.4							
	UBS	00650	04.07	34.903	27.72		1477.8							
	UBS	00676	04.07	34.906	27.73		1478.2							
	STD	00700	04.06	34.91	27.73	00.377	1478.6							
	UBS	00703	04.06	34.909	27.73		1478.6							
	UBS	00724	04.06	34.911	27.73		1479.0							
	UBS	00752	04.05	34.913	27.73		1479.4							
	UBS	00784	04.04	34.917	27.74		1479.9							
	STD	00800	04.05	34.92	27.74	00.421	1480.2							
	UBS	00803	04.05	34.921	27.74		1480.2							
	UBS	00826	04.04	34.922	27.74		1480.6							
	UBS	00849	04.04	34.924	27.74		1481.0							
	STD	00900	04.01	34.93	27.75	00.466	1481.7							
	UBS	00910	04.00	34.927	27.75		1481.8							
	UBS	00924	03.99	34.928	27.75		1482.0							
	UBS	00950	03.97	34.929	27.75		1482.4							
	UBS	00990	03.94	34.930	27.76		1482.9							
	STD	01000	03.92	34.93	27.76	00.510	1483.0							
	UBS	01085	03.85	34.931	27.77		1484.1							
	UBS	01091	03.85	34.932	27.77		1484.2							

TABLE XIII.- Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.- Continued

REFID 31 8296	YEAR 1972	BOTOP 01360	AIR TEMP 01-1	DIR HGT PER	WIND-DIR 10	INST STD RECORDER	TEN SQ 1306
CONSEC 0015	MONTH 04	SHIP EV	WET BULB 00.0	20 2 2	WIND-SPO 13	TRACE DIR 0	5 SQUARE 4
LAT 48 32 N	DAY 09	DATA USE 1	BAROMETR 1009.1	SEA	WIND-FOR	DURATION 00.9	2 SQUARE 86
LONG 046 02 W	HOJR 13.0	AREA 05	CLOUD T/A	CL/TR	WEATHER 02	ORIG TIP 110	1 SQUARE 86

CASNUM/TIME	LVL/TP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SNO VEL	CHYG	P14	TOT P	NO2	NO3	SI03	P4
13.0	STD	00000	00.17	33.83	27.17	00.000	1444.4							
	08S	00004	00.17	33.829	27.17		1448.5							
	STD	00010	00.13	33.84	27.18	00.009	1448.4							
	STD	00020	00.08	33.85	27.20	00.018	1448.4							
	08S	00023	00.06	33.859	27.20		1448.4							
	STD	00030	00.05	33.87	27.21	00.027	1448.5							
	08S	00043	00.03	33.897	27.24		1448.6							
	08S	00046	00.05	33.957	27.28		1448.8							
	08S	00048	00.17	33.982	27.30		1449.5							
	STD	00050	00.20	33.99	27.30	00.043	1449.6							
	08S	00067	00.58	34.150	27.41		1451.9							
	08S	00073	00.94	34.247	27.47		1453.7							
	STD	00075	00.98	34.26	27.47	00.061	1453.9							
	08S	00098	01.42	34.358	27.52		1456.4							
	STD	00100	01.43	34.36	27.53	00.076	1456.5							
	08S	00123	01.71	34.439	27.57		1458.3							
	STD	00125	01.73	34.44	27.57	00.089	1458.4							
	08S	00143	02.08	34.495	27.58		1461.3							
	08S	00149	02.24	34.576	27.63		1461.2							
	STD	00150	02.31	34.59	27.64	00.102	1461.5							
	08S	00151	02.48	34.612	27.64		1462.3							
	08S	00182	03.09	34.669	27.63		1465.6							
	08S	00198	03.14	34.674	27.63		1466.0							
	STD	00200	03.15	34.68	27.63	00.126	1466.1							
	08S	00225	03.33	34.705	27.64		1467.3							
	08S	00234	03.67	34.740	27.63		1469.0							
	08S	00239	03.48	34.719	27.64		1468.2							
	STD	00250	03.31	34.73	27.66	00.149	1467.7							
	08S	00250	03.31	34.728	27.66		1467.7							
	08S	00274	03.86	34.837	27.69		1470.6							
	08S	00298	04.15	34.872	27.69		1472.2							
	STD	00300	04.15	34.87	27.69	00.172	1472.3							
	08S	00327	04.15	34.880	27.70		1472.7							
	08S	00349	04.14	34.883	27.70		1473.0							
	08S	00376	04.14	34.889	27.70		1473.5							
	STD	00400	04.13	34.89	27.71	00.216	1473.9							
	08S	00400	04.13	34.892	27.71		1473.9							
	08S	00423	04.12	34.895	27.71		1474.2							
	08S	00450	04.12	34.898	27.71		1474.6							
	08S	00475	04.11	34.901	27.72		1475.0							
	STD	00500	04.11	34.90	27.72	00.260	1475.4							
	08S	00524	04.10	34.901	27.72		1475.8							
	STD	00600	04.08	34.90	27.72	00.303	1477.0							
	08S	00600	04.08	34.904	27.72		1477.0							
	08S	00612	04.11	34.917	27.73		1477.3							
	STD	00700	04.02	34.92	27.75	00.347	1478.4							
	08S	00700	04.02	34.924	27.75		1478.4							
	STD	00800	03.92	34.92	27.75	00.390	1479.6							
	08S	00800	03.92	34.920	27.75		1479.7							
	STD	00900	03.84	34.92	27.76	00.433	1481.0							
	08S	00900	03.84	34.924	27.76		1481.0							
	STD	01000	03.75	34.94	27.78	00.475	1482.3							
	08S	01000	03.75	34.937	27.78		1482.3							
	STD	01100	03.69	34.94	27.79	00.516	1483.7							
	08S	01100	03.69	34.939	27.79		1483.7							
	STD	01200	03.66	34.94	27.79	00.558	1485.3							
	08S	01201	03.66	34.937	27.79		1485.3							
	08S	01299	03.66	34.937	27.79		1486.9							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296 YEAR 1972 HDTOP 01691 AIR TEMP 04.4 OIR HGT PER WIND-DIR 21 INST STD RECORDER TEN SJ 1306
 CONSEC 0016 MONT 04 SHIP EV MET SULH 03.3 19 4 3 WIND-SPO 13 TRACE DIR 0 5 SQUARE 4
 LAT 45 50 N DAY 13 DATA USE 1 BAROMETR 1007.8 SEA WIND-FJR DJRATION 01.2 2 SQUARE 46
 LONG 046 00 W HOUR 07.4 AREA 05 CLOUD T/A CLZ/TP WEATHER XI ORIG IIP 110 1 SQUARE 56

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	UNDP TH	SND VEL	DIRG	P34	TOT P	NO2	NO3	SI33	SI4
07.4	STD	00000	07.04	34.34	26.92	00.000	1479.3							
	0BS	00002	07.04	34.343	26.92		1478.4							
	STD	00010	07.05	34.34	26.92	00.011	1478.5							
	0BS	00020	07.06	34.38	26.94	00.023	1478.8							
	0BS	00026	07.06	34.386	26.95		1478.8							
	STD	00030	07.10	34.426	26.95		1479.9							
	0BS	00040	07.11	34.41	26.95	00.034	1479.6							
	0BS	00049	07.13	34.407	26.95		1479.4							
	STD	00050	07.29	34.461	26.97		1480.3							
	0BS	00069	07.26	34.45	26.97	00.055	1480.2							
	STD	00075	07.09	34.387	26.94 *		1479.7							
	0BS	00077	07.29	34.54	27.04	00.083	1480.8							
	0BS	00086	07.39	34.566	27.04		1481.3							
	0BS	00086	06.46	34.394	27.04		1477.6							
	0BS	00090	06.50	34.435	27.06		1477.8							
	0BS	00099	05.27	34.233	27.06		1472.7							
	STD	00100	05.29	34.24	27.06	00.109	1472.8							
	0BS	00101	05.31	34.260	27.07		1473.0							
	0BS	00111	07.07	34.637	27.14		1480.7							
	0BS	00119	06.94	34.639	27.16		1480.5							
	STD	00125	06.86	34.61	27.15	00.134	1480.0							
	0BS	00125	06.86	34.607	27.15		1480.0							
	0BS	00130	06.57	34.546	27.14		1478.9							
	0BS	00140	05.69	34.454	27.18		1475.4							
	0BS	00148	05.47	34.480	27.23		1474.7							
	STD	00159	05.45	34.47	27.22	00.156	1474.6							
	0BS	00163	05.27	34.426	27.22		1473.8							
	0BS	00170	05.07	34.461	27.26		1473.5							
	0BS	00181	04.35	34.387	27.28		1470.5							
	0BS	00199	04.40	34.460	27.34		1471.1							
	STD	00200	04.40	34.46	27.34	00.193	1471.1							
	0BS	00204	04.46	34.513	27.37		1471.5							
	0BS	00211	05.10	35.86 P	24.370									
	0BS	00215	05.30	34.657	27.39 *		1475.3							
	0BS	00224	05.45	34.729	27.43		1476.2							
	0BS	00249	05.13	34.695	27.44		1475.2							
	STD	00250	05.13	34.70	27.44	00.234	1475.3							
	0BS	00273	05.13	34.767	27.50		1475.7							
	0BS	00298	05.05	34.809	27.54		1475.9							
	STD	00300	05.06	34.81	27.54	00.265	1475.9							
	0BS	00326	05.12	34.860	27.57		1476.7							
	0BS	00332	05.11	34.876	27.59		1476.8							
	0BS	00344	05.13	34.884	27.59		1477.1							
	0BS	00348	05.12	34.891	27.60		1477.1							
	0BS	00375	04.97	34.901	27.62		1476.9							
	STD	00400	04.91	34.90	27.63	00.321	1477.1							
	0BS	00400	04.91	34.904	27.63		1477.1							
	0BS	00429	04.73	34.912	27.66		1476.9							
	0BS	00453	04.61	34.914	27.68		1476.8							
	0BS	00478	04.56	34.923	27.69		1477.0							
	STD	00500	04.51	34.92	27.69	00.370	1477.1							
	0BS	00501	04.51	34.924	27.69		1477.2							
	0BS	00532	04.75	34.981	27.71		1478.7							
	0BS	00557	04.64	34.964	27.71		1478.7							
	STD	00600	04.45	34.97	27.74	00.415	1478.6							
	0BS	00600	04.45	34.974	27.74		1478.6							
	0BS	00650	04.36	34.943	27.72		1479.0							
	0BS	00667	04.26	34.946	27.74		1478.9							
	STD	00700	04.26	34.95	27.74	00.459	1479.4							
	0BS	00704	04.26	34.945	27.74		1479.5							
	0BS	00725	04.16	34.923	27.73		1479.4							
	0BS	00785	04.27	34.965	27.75		1480.9							
	STD	00800	04.29	34.97	27.75	00.503	1481.2							
	0BS	00835	04.30	34.977	27.76		1481.9							
	0BS	00870	04.27	34.974	27.76		1482.3							
	STD	00900	04.11	34.96	27.76	00.546	1482.2							
	0BS	00901	04.11	34.958	27.76		1482.2							
	0BS	00952	04.09	34.950	27.76		1482.9							
	0BS	00989	04.16	34.968	27.77		1483.8							
	STD	01000	04.17	34.97	27.76	00.590	1484.1							
	0BS	01002	04.17	34.969	27.76		1484.1							

TABLE XIII.- Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.- Continued

REFID 31 8296 YEAR 1972 ROTDP 00503 AIR TEMP 10.0 DIR HGT PER WIND-DIR 2) INST STD RECORDER TFN SQ 1306
 CONSEC 0317 MONTH 04 SHIP EV WET BULB 09.4 20 1 2 WIND-SPO 0) TRACE DIR 0 5 SQUARE 4
 LAT 46 00 N DAY 10 DATA USE 1 HAROMETR 1008.8 SEA WIND-FDP DURATION 00.2 2 SQUARE 66
 LONG 046 22 W HOUR 10.8 AREA 05 CLOUD T/A CL/TR WEATHER X? ORIG IIP 110 1 SQUARE 66

CSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SNO VEL	OXYG	P34	TUR P	NO2	NO3	SIG3	P4
10.8	STO	00000	06.36	34.18	26.88	00.000	1475.4							
	OBS	00003	06.36	34.176	26.88		1475.5							
	OBS	00006	06.63	34.312	26.95		1476.8							
	OBS	00008	07.09	34.389	26.95		1478.7							
	STO	00010	07.14	34.38	26.93	00.012	1479.0							
	OBS	00012	07.23	34.367	26.91		1479.3							
	STO	00020	07.27	34.39	26.92	00.023	1479.6							
	OBS	00027	07.33	34.409	26.93		1480.0							
	STO	00030	07.35	34.42	26.93	00.034	1480.2							
	STO	00050	07.56	34.52	26.98	00.057	1481.4							
	OBS	00057	07.63	34.542	26.99		1481.8							
	STO	00075	07.80	34.58	27.00	00.084	1482.9							
	OBS	00075	07.81	34.586	27.00		1482.9							
	OBS	00095	07.57	34.526	26.99		1482.2							
	STO	00100	07.33	34.58	27.06	00.110	1481.4							
	OBS	00100	07.30	34.588	27.07		1481.3							
	OBS	00107	07.10	34.631	27.14		1480.7							
	OBS	00114	06.75	34.629	27.18		1479.5							
	OBS	00117	06.42	34.620	27.22		1478.2							
	OBS	00123	06.28	34.624	27.24		1477.7							
	STO	00125	06.26	34.62	27.24	00.134	1477.7							
	OBS	00126	06.24	34.619	27.24		1477.6							
	OBS	00148	05.88	34.553	27.24		1476.4							
	STO	00150	05.62	34.53	27.25	00.155	1475.4							
	OBS	00153	05.26	34.492	27.26		1473.9							
	OBS	00156	05.13	34.478	27.27		1473.4							
	OBS	00162	05.20	34.535	27.30		1473.9							
	OBS	00166	05.15	34.617	27.38		1473.9							
	OBS	00174	05.59	34.681	27.37		1475.9							
	OBS	00177	05.61	34.662	27.36		1476.0							
	STO	00200	05.52	34.67	27.37	00.195	1476.0							
	OBS	00200	05.51	34.666	27.37		1476.0							
	OBS	00224	05.11	34.576	27.35		1474.6							
	OBS	00230	04.72	34.564	27.38		1473.1							
	OBS	00234	04.60	34.600	27.43		1472.7							
	OBS	00246	04.46	34.616	27.45		1472.3							
	STO	00250	04.54	34.70	27.51	00.229	1472.8							
	OBS	00250	04.56	34.714	27.52		1472.9							
	OBS	00271	05.05	34.797	27.53		1475.4							
	OBS	00275	05.28	34.892	27.58		1476.5							
	OBS	00278	05.64	34.921	27.56		1478.1							
	OBS	00281	05.73	34.913	27.54		1478.5							
	STO	00300	05.42	34.88	27.55	00.259	1477.5							
	OBS	00303	05.41	34.877	27.55		1477.5							
	OBS	00306	05.42	34.902	27.57		1477.6							
	OBS	00315	05.32	34.896	27.58		1477.4							
	OBS	00326	05.27	34.892	27.58		1477.4							
	OBS	00352	05.11	34.918	27.62		1477.2							
	OBS	00383	05.05	34.938	27.64		1477.4							
	STO	00400	05.00	34.93	27.64	00.313	1477.5							
	OBS	00400	05.00	34.931	27.64		1477.5							
	OBS	00427	04.72	34.927	27.67		1476.8							
	OBS	00443	04.58	34.937	27.69		1476.5							
	OBS	00468	04.58	34.939	27.70		1476.9							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REF ID	31	32 36	YEAR 1972	AUTOP 01183	AIR TRF 4P 0244	DIR HGT PFR	#INO-DR 25	INST STJ	REC 02FR	TEN SQ 1396				
CONSEC	0018		MONTH 04	SHIP 1 V	WET DULR 03.3	09 1 3	#INO-SPD 12	TRACE DR	0	5 SQUARE 4				
LAT	46 04 N		DAY 17	DATA USE 1	BARMETR 1007.5	SEA	#INO-F JP	DRAT LN	03.5	2 SQUARE 66				
LONG	146 45 W		HOUR 12. P	AREA 05	CLOUD T/A	CL/TR	#FATHEr	URIG 11P 110		1 SQUARE 66				
CASID/JULY/TIME	LT/STYP	DEPTH	TEMP	SAL	STGMA-T	DYNDEPTH	SND WFL	CHYG	P14	TOT P	NO2	NO3	ST13	PH
12.8	STW	00700	20.15	33.24	26.70	00.000	1447.5							
	BBS	00004	00.15	33.248	26.70		1447.6							
	BBS	00005	00.09	33.300	26.75		1447.5							
	STD	00010	00.70	33.32	26.73	00.013	1450.3							
	BBS	00018	01.03	33.481	26.85		1452.2							
	STW	00023	00.50	33.54	26.93	00.026	1449.9							
	BBS	00024	00.16	33.735	27.10		1448.7							
	BBS	00777	01.08 P	33.881	27.160									
	STD	00030	02.36	34.02	27.18	00.036	1459.0							
	BBS	00030	01.44 P	34.040	27.237									
	BBS	00033	03.47	34.34 P	27.342									
	BBS	00036	04.20	34.188	27.14	*	1467.2							
	BBS	00038	04.45	34.255	27.12		1470.0							
	BBS	00041	05.05	34.147	27.02	*	1470.3							
	BBS	00346	05.03	34.186	27.04		1471.0							
	BBS	00049	05.43	34.272	27.07		1472.6							
	STD	00050	05.53	34.36	27.13	00.054	1473.1							
	BBS	00052	05.41	34.490	27.20		1474.5							
	BBS	00054	05.45	34.259	27.00	*	1474.8							
	BBS	00057	06.02	34.393	27.09		1475.3							
	BBS	00060	06.41	34.438	27.08		1477.0							
	BBS	00064	05.76	34.413	27.14		1474.5							
	BBS	00071	05.41	34.347	27.07	*	1475.0							
	STD	00075	05.33	34.27	27.08	00.079	1472.6							
	BBS	00040	04.54	34.181	27.10		1469.3							
	BBS	00093	04.29	34.165	27.11		1468.3							
	STD	00100	03.83	34.22	27.21	00.102	1466.3							
	BBS	00101	03.83	34.230	27.21		1466.9							
	BBS	00104	03.84	34.247	27.23		1466.7							
	BBS	00110	04.11	34.295	27.24		1468.2							
	BBS	00115	04.07	34.318	27.26		1468.1							
	BBS	00121	04.30	34.378	27.28		1469.3							
	BBS	00124	04.56	34.499	27.35		1470.6							
	STD	00125	04.66	34.51	27.35	00.123	1471.0							
	BBS	00127	04.84	34.535	27.34		1472.0							
	BBS	00142	05.42	34.650	27.36		1474.9							
	BBS	00144	05.29	34.694	27.36		1476.2							
	BBS	00148	05.44	34.692	27.34		1476.9							
	STD	00150	05.47	34.63	27.33	00.142	1477.0							
	BBS	00150	05.49	34.683	27.33		1477.1							
	BBS	00156	06.13	34.725	27.33		1478.0							
	BBS	00163	06.14	34.664	27.29	*	1477.9							
	BBS	00173	05.59	34.593	27.30		1475.7							
	BBS	00174	05.47	34.636	27.35		1475.3							
	BBS	00193	05.38	34.665	27.39		1475.4							
	STD	00200	05.44	34.67	27.39	00.179	1475.6							
	BBS	00210	05.57	34.716	27.40		1476.4							
	BBS	00213	05.55	34.776	27.45		1476.5							
	BBS	00217	05.87	34.830	27.46		1477.9							
	BBS	00223	05.43	34.818	27.44		1478.2							
	BBS	00244	04.77	34.069	27.46		1473.7							
	STD	00250	04.75	34.67	27.47	00.214	1473.6							
	BBS	00270	04.64	34.725	27.52		1473.7							
	BBS	00283	04.72	34.763	27.54		1474.2							
	BBS	00285	04.86	34.847	27.54		1474.9							
	BBS	00288	05.04	34.851	27.57		1475.9							
	BBS	00249	05.41	34.926	27.59		1477.5							
	STD	00300	05.41	34.92	27.59	00.244	1477.5							
	BBS	00327	05.26	34.899	27.59		1477.3							
	BBS	00351	05.07	34.946	27.65		1477.0							
	BBS	00373	05.22	34.955	27.63		1478.0							
	BBS	00398	05.16	34.972	27.66		1478.2							
	STD	00500	05.16	34.97	27.66	00.296	1478.2							
	BBS	00424	05.16	34.988	27.67		1478.6							
	BBS	00438	05.13	34.993	27.68		1478.8							
	BBS	00447	05.12	34.997	27.68		1473.9							
	BBS	00451	05.12	34.995	27.68		1478.9							
	BBS	00486	05.01	34.975	27.68		1474.0							
	STD	00500	04.41	34.98	27.69	00.344	1478.9							
	BBS	00500	04.41	34.985	27.70		1478.9							
	BBS	00527	04.84	34.990	27.70		1479.2							
	BBS	00550	04.40	34.983	27.71		1479.2							
	BBS	00575	04.75	34.979	27.71		1479.5							
	BBS	00599	04.72	34.987	27.72		1479.7							
	STD	00600	04.71	34.98	27.72	00.391	1479.7							
	BBS	00625	04.57	34.946	27.70		1479.5							
	BBS	00650	04.39	34.945	27.72		1479.2							
	STD	00700	04.23	34.94	27.74	00.435	1479.3							
	BBS	00700	04.23	34.942	27.74		1479.3							
	BBS	00724	04.22	34.943	27.74		1479.7							
	BBS	00751	04.20	34.942	27.74		1480.0							
	BBS	00777	04.17	34.944	27.75		1480.3							
	STD	00800	04.17	34.95	27.75	00.479	1480.7							
	BBS	00802	04.17	34.946	27.75		1480.8							
	STD	00900	04.07	34.94	27.75	00.523	1482.0							
	STD	01000	03.81	34.94	27.78	00.566	1482.5							
	BBS	01020	03.74	34.939	27.79		1482.6							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REF ID	31 8296	YES	1972	SHIP	01248	ALT	TEMP	03.4	DIR	HGT	PER	WIND-DIR	25	INST	STO	RECORDER	TEN	SQ	1396
CONSEC	0019	MONTH	04	SHIP	EV	WET	LOG	01.3	10	5	?	WIND-SPD	14	TRACE	DIR	0	5	SQUARE	4
LAT	45 13' N	DAY	17	DATA	USL	1	BAROMETER	1011.2	SEA			WIND-TYP	VI	DURATION	03.4	2	SQUARE	66	
LONG	047 03' W	YR	15.0	AREA	05		(LIFT)	174	CLUTR			WEATHER	VI	DRG	TTP	110	1	SQUARE	67
CSTATION/TIME	LEVITY	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SND VEL	XYG	Y34	TOT P	N02	N03	S133	P4					
15.0	STP	00000	- 0.64	35.00	25.54	00.000	1443.6												
	DBS	00002	- 0.64	32.997	25.54		1443.6												
	STO	00010	- 0.73	32.77	26.52	00.015	1443.0												
	DBS	00010	- 0.80	32.767	26.52		1442.8												
	DBS	00013	- 1.15	33.110	25.65		1441.5												
	DBS	00015	- 1.32	33.232	26.75		1441.0												
	STO	00020	- 1.41	33.26	26.77	00.029	1440.7												
	DBS	00021	- 1.42	33.279	25.79		1440.6												
	DBS	00024	- 1.42	33.370	26.87		1441.4												
	STO	00030	- 1.33	33.39	26.88	00.041	1441.4												
	DBS	00049	- 1.13	33.480	25.95		1442.4												
	STO	00050	- 1.13	33.48	25.95	00.064	1442.4												
	DBS	00051	- 1.12	33.491	25.96		1442.9												
	DBS	00073	- 0.54	33.617	27.04		1446.1												
	STO	00075	- 0.53	33.627	27.04	00.091	1446.2												
	DBS	00076	- 0.52	33.620	27.04		1446.2												
	DBS	00077	- 0.52	33.629	27.05		1446.0												
	DBS	00082	- 0.49	33.729	27.12		1446.6												
	DBS	00085	- 0.24	33.749	27.13		1447.7												
	STO	00100	- 0.02	33.83	27.18	00.115	1449.2												
	DBS	00100	00.01	33.834	27.19		1449.4												
	DBS	00104	00.22	33.873	27.21		1450.5												
	DBS	00115	- 0.03	33.870	27.22		1449.5												
	DBS	00118	- 0.08	33.908	27.25		1449.4												
	STO	00125	00.03	33.94	27.27	00.136	1450.0												
	DBS	00125	00.03	33.943	27.27		1450.0												
	DBS	00145	00.10	34.038	27.34		1451.7												
	DBS	00148	00.45	34.106	27.38		1452.6												
	STO	00150	00.50	34.11	27.38	00.155	1452.4												
	DBS	00165	00.87	34.194	27.43		1454.7												
	DBS	00172	01.44	34.251	27.44		1457.6												
	DBS	00194	01.70	34.333	27.48		1459.7												
	STO	00200	01.81	34.35	27.49	00.183	1459.4												
	DBS	00224	02.36	34.512	27.57		1462.9												
	DBS	00227	02.53	34.500	27.55		1463.5												
	STO	00250	02.82	34.57	27.58	00.217	1465.4												
	DBS	00250	02.83	34.570	27.58		1465.4												
	DBS	00275	03.12	34.609	27.58		1467.1												
	DBS	00298	03.21	34.630	27.59		1467.9												
	STO	00300	03.22	34.63	27.59	00.243	1468.0												
	DBS	00324	03.42	34.681	27.61		1469.3												
	DBS	00352	03.70	34.753	27.64		1471.1												
	DBS	00374	03.82	34.773	27.65		1472.0												
	DBS	00398	04.02	34.860	27.69		1473.3												
	STO	00400	04.02	34.86	27.69	00.292	1473.3												
	DBS	00425	04.12	34.855	27.68		1474.2												
	DBS	00451	04.38	34.898	27.69		1475.8												
	DBS	00474	04.67	34.955	27.70		1477.4												
	STO	00500	04.66	34.97	27.71	00.337	1477.8												
	DBS	00501	04.66	34.967	27.71		1477.8												
	DBS	00526	04.65	34.977	27.72		1478.2												
	DBS	00549	04.62	34.975	27.72		1478.5												
	DBS	00574	04.47	34.948	27.72		1478.2												
	STO	00600	04.38	34.94	27.72	00.382	1478.3												
	DBS	00600	04.38	34.944	27.72		1478.3												
	DBS	00624	04.34	34.941	27.72		1478.5												
	DBS	00651	04.42	34.982	27.75		1479.3												
	DBS	00677	04.44	34.956	27.73		1479.6												
	STO	00700	04.38	34.97	27.74	00.427	1480.0												
	DBS	00701	04.38	34.967	27.74		1480.0												
	DBS	00724	04.38	34.960	27.74		1480.4												
	DBS	00752	04.26	34.949	27.74		1480.3												
	DBS	00773	04.25	34.953	27.74		1480.6												
	STO	00800	04.20	34.94	27.74	00.471	1480.8												
	DBS	00800	04.20	34.941	27.74		1480.8												
	DBS	00824	04.17	34.945	27.75		1481.2												
	DBS	00850	04.15	34.942	27.75		1481.5												
	DBS	00873	04.15	34.945	27.75		1481.7												
	STO	00900	04.14	34.95	27.75	00.516	1482.3												
	DBS	00900	04.14	34.946	27.75		1482.3												
	DBS	00930	04.14	34.949	27.75		1482.8												
	DBS	00949	04.14	34.950	27.75		1483.1												
	DBS	00989	04.10	34.937	27.75		1483.6												

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REF ID: A1296 YEAR: 1972 BRIG: 00936 AIR TEMP: 02-9 DIR HGT PFR: 19 5 3 WIND-DIR: 25 INST: STJ RECORDER: TEN SQ: 1306
 CONSIG: 0020 MON: 04 SHIP: EV WET: MUR: 01-7 SEA: 5 3 WIND-SPD: 23 TRAC: DIR:) 5 SQUARE: 4
 LAT: 46 14 N DAY: 10 DATA: USE: 1 BAROMETR: 1012.2 ORIG: DIR: 01-3 2 SQUARE: 66
 LONG: 047 14 W HOUR: 16.9 AREA: 05 CLOUD: T/A CL: TR: WEATHER: XL ORIG: TIP: 110 1 SQUARE: 67

CAS	NUM	TIME	LVL	TYP	DEPTH	TEMP	SAL	SIGMA-T	SYN	DPHT	SPD	VEL	XYG	P34	TOT	P	N02	N03	SIG	P4
			STD		00000	-0.87	33.03	26.57	00.000		1442.5									
16.9			OB5		00001	-0.87	33.026	26.57			1442.5									
			OB5		00009	-0.97	33.022	26.57			1442.7									
			STD		00010	-0.89	33.02	26.57	00.015		1442.6									
			STD		00020	-1.02	33.06	26.61	00.029		1442.2									
			OB5		00024	-1.03	33.082	26.62			1442.3									
			STD		00030	-0.98	33.09	26.63	00.044		1442.6									
			OB5		00032	-0.95	33.202	26.72			1442.9									
			OB5		00037	-0.91	33.531	26.98			1443.7									
			OB5		00039	-0.49	33.571	27.00			1445.7									
			OB5		00044	00.42	33.633	27.00			1450.1									
			OB5		00048	00.23	33.632	27.01			1449.2									
			STD		00050	00.24	33.67	27.04	00.068		1449.4									
			OB5		00052	00.25	33.722	27.08			1449.5									
			OB5		00053	00.83	33.803	27.12			1452.5									
			OB5		00074	01.28	33.918	27.18			1454.8									
			STD		00075	01.32	33.92	27.18	00.092		1455.0									
			OB5		00077	01.64	33.952	27.18			1456.5									
			OB5		00085	02.39	33.955	27.13 *			1459.9									
			OB5		00094	02.81	34.029	27.15			1462.0									
			OB5		00099	02.95	34.034	27.14			1462.8									
			STD		00100	03.01	34.03	27.13	00.115		1463.0									
			OB5		00105	03.03	33.995	27.10 *			1463.1									
			OB5		00118	01.54	33.851	27.11			1456.6									
			OB5		00124	01.31	33.825	27.10			1455.6									
			STD		00125	01.24	33.82	27.10	00.139		1455.3									
			OB5		00144	-0.23	33.764	27.14			1448.9									
			OB5		00148	-0.31	33.813	27.18			1448.7									
			STD		00150	-0.38	33.82	27.20	00.162		1449.4									
			OB5		00152	-0.43	33.849	27.22			1448.2									
			OB5		00154	-0.16	34.021	27.35			1449.8									
			OB5		00160	00.13	34.052	27.36			1451.2									
			OB5		00198	00.83	34.160	27.40			1455.2									
			STD		00200	00.86	34.17	27.41	00.201		1455.3									
			OB5		00212	01.13	34.228	27.44			1456.9									
			OB5		00215	01.29	34.273	27.46			1457.7									
			OB5		00222	01.39	34.281	27.46			1458.2									
			OB5		00224	01.55	34.333	27.49			1459.1									
			OB5		00230	01.80	34.330	27.47			1460.3									
			OB5		00249	01.93	34.360	27.49			1461.2									
			STD		00250	01.93	34.36	27.49	00.234		1461.2									
			OB5		00273	01.92	34.369	27.49			1461.6									
			OB5		00282	01.90	34.380	27.50			1461.6									
			OB5		00290	02.20	34.442	27.53			1463.2									
			OB5		00299	02.23	34.448	27.53			1463.5									
			STD		00300	02.23	34.45	27.53	00.264		1463.5									
			OB5		00324	02.67	34.524	27.56			1465.9									
			OB5		00348	02.97	34.580	27.57			1467.7									
			OB5		00377	03.31	34.688	27.63			1469.7									
			OB5		00399	03.44	34.704	27.63			1470.7									
			STD		00400	03.45	34.71	27.63	00.318		1470.7									
			OB5		00426	03.74	34.783	27.66			1472.5									
			OB5		00451	03.88	34.832	27.69			1473.6									
			OB5		00476	04.00	34.864	27.70			1474.5									
			STD		00500	04.03	34.88	27.71	00.365		1475.1									
			OB5		00500	04.03	34.877	27.71			1475.1									
			OB5		00523	04.04	34.889	27.72			1475.5									
			OB5		00550	04.04	34.895	27.72			1476.0									
			OB5		00577	04.04	34.900	27.72			1476.4									
			OB5		00599	04.04	34.905	27.73			1476.8									
			STD		00600	04.04	34.91	27.73	00.409		1476.8									
			OB5		00628	04.04	34.911	27.73			1477.3									
			OB5		00652	04.04	34.914	27.74			1477.7									
			OB5		00675	04.04	34.917	27.74			1478.1									
			STD		00700	04.03	34.92	27.74	00.453		1478.4									
			OB5		00701	04.03	34.921	27.74			1478.5									
			OB5		00726	04.03	34.923	27.74			1478.9									
			OB5		00748	04.06	34.930	27.75			1479.4									
			OB5		00775	04.05	34.930	27.75			1479.8									
			STD		00800	04.04	34.93	27.75	00.496		1480.2									
			OB5		00800	04.04	34.932	27.75			1480.2									
			OB5		00824	04.03	34.932	27.75			1480.6									
			OB5		00954	04.02	34.934	27.75			1481.0									
			OB5		00975	04.02	34.933	27.75			1481.3									
			STD		00900	04.02	34.94	27.75	00.540		1481.7									
			OB5		00904	04.02	34.937	27.76			1481.8									

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-S296.—(Continued)

REFID 31 8296 YEAR 1972 BOTOP 00486 AIR TEMP 02.2 DIR HGT PER WIND-DIR 23 INST STD RECORDER TEN SQ 1306
 CONSEC 0021 MONTH 04 SHIP EV WET BULB 01.1 19 4 3 WIND-SPO 17 TRACE DIR 0 5 SQUARE 4
 LAT 46 18 N DAY 10 DATA USE 1 BAROMETR 1011.9 SEA WIND-FJR DURATION 00.1 2 SQUARE 66
 LONG 047 24 W HOUR 18.7 AREA 05 CLOUD T/A CL/TR WEATHER XI ORIG IIP 110 1 SQUARE 67

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	DIRG	P14	TOT P	NO2	NO3	SI33	P1
	STD	00000	- 0.99	32.95	26.51	00.000	1441.9							
18.7	DBS	00000	- 0.99	32.949	26.51		1441.9							
	STD	00010	- 1.00	32.96	26.52	00.015	1442.0							
	STD	00020	- 1.01	32.96	26.52	00.030	1442.1							
	DBS	00025	- 1.01	32.965	26.53		1442.2							
	STD	00030	- 1.00	32.93	26.50	00.046	1441.9							
	DBS	00031	- 1.10	32.928	25.50		1441.8							
	DBS	00040	- 1.36	33.097	26.64		1441.1							
	STD	00050	- 1.43	33.13	26.67	00.075	1440.9							
	DBS	00052	- 1.46	33.156	26.69		1440.8							
	DBS	00073	- 1.34	33.275	26.79		1441.9							
	STD	00075	- 1.32	33.29	26.80	00.108	1442.0							
	DBS	00098	- 1.04	33.446	25.92		1443.9							
	STD	00100	- 1.00	33.45	26.92	00.138	1444.1							
	DBS	00123	- 0.91	33.534	26.98		1445.1							
	STD	00125	- 0.96	33.55	27.00	00.165	1444.9							
	DBS	00126	- 0.97	33.556	27.00		1444.9							
	DBS	00130	- 0.76	33.539	26.98		1445.9							
	DBS	00133	- 0.74	33.520	26.97		1446.0							
	DBS	00137	- 1.03	33.514	26.97		1444.8							
	DBS	00148	- 1.16	33.525	26.98		1444.3							
	STD	00150	- 1.17	33.53	26.99	00.192	1444.3							
	DBS	00160	- 1.27	33.610	27.06		1444.1							
	DBS	00165	- 0.59	33.753	27.15		1447.6							
	DBS	00175	- 0.27	33.774	27.15		1449.2							
	DBS	00179	- 0.25	33.787	27.16		1449.4							
	DBS	00188	- 0.39	33.934	27.21		1448.9							
	DBS	00198	00.13	34.006	27.32		1451.6							
	DBS	00191	00.60	33.991	27.28		1453.8							
	STD	00200	00.65	34.00	27.29	00.238	1454.2							
	DBS	00224	00.90	34.066	27.32		1455.8							
	DBS	00248	01.27	34.164	27.38		1458.0							
	STD	00250	01.29	34.17	27.38	00.276	1458.1							
	DBS	00277	01.65	34.262	27.43		1460.3							
	STD	00300	02.03	34.35	27.47	00.310	1462.5							
	DBS	00301	02.06	34.360	27.48		1462.6							
	DBS	00327	02.42	34.467	27.53		1464.8							
	DBS	00337	02.54	34.481	27.53		1465.5							
	DBS	00349	02.73	34.525	27.55		1466.5							
	DBS	00377	03.28	34.680	27.63		1469.6							
	STD	00400	03.72	34.79	27.67	00.365	1472.0							
	DBS	00400	03.73	34.790	27.67		1472.0							
	DBS	00427	03.92	34.820	27.67		1473.3							
	DBS	00450	04.01	34.849	27.69		1474.1							
	DBS	00465	04.02	34.854	27.69		1474.4							

REFID 31 8296 YEAR 1972 BOTOP 00196 AIR TEMP 01.7 DIR HGT PER WIND-DIR 25 INST STD RECORDER TEN SQ 1306
 CONSEC 0022 MONTH 04 SHIP EV WET BULB 01.1 19 3 3 WIND-SPO 25 TRACE DIR 0 5 SQUARE 4
 LAT 46 19.7N DAY 10 DATA USE 1 BAROMETR 1012.2 SEA WIND-FJR DURATION 00.2 2 SQUARE 66
 LONG 047 35.0W HOUR 20.4 AREA 05 CLOUD T/A CL/TR WEATHER XI ORIG IIP 110 1 SQUARE 67

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	DIRG	P14	TOT P	NO2	NO3	SI33	P1
	STD	00000	- 1.09	32.89	26.47	00.000	1441.3							
20.4	DBS	00008	- 1.09	32.890	26.47		1441.4							
	STD	00010	- 1.09	32.89	26.47	00.016	1441.5							
	DBS	00010	- 1.09	32.893	26.47		1441.5							
	STD	00020	- 1.09	32.89	26.47	00.031	1441.6							
	DBS	00020	- 1.09	32.893	26.47		1441.6							
	STD	00030	- 1.10	32.89	26.47	00.047	1441.8							
	DBS	00030	- 1.10	32.894	26.47		1441.8							
	DBS	00042	- 1.09	32.886	26.47		1442.0							
	STD	00050	- 1.33	32.88	26.46	00.078	1441.0							
	DBS	00050	- 1.33	32.875	26.46		1441.0							
	STD	00075	- 1.51	33.01	26.58	00.116	1440.7							
	DBS	00075	- 1.51	33.009	26.58		1440.7							
	DBS	00099	- 1.42	33.134	26.68		1441.7							
	STD	00100	- 1.42	33.13	26.68	00.152	1441.7							
	DBS	00124	- 1.29	33.270	26.78		1443.0							
	STD	00125	- 1.29	33.27	26.78	00.185	1443.0							
	DBS	00143	- 1.00	33.441	26.91		1444.9							
	STD	00150	- 1.00	33.46	26.92	00.215	1445.0							
	DBS	00162	- 1.00	33.465	26.93		1445.2							
	DBS	00170	- 0.98	33.458	26.92		1445.4							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—(Continued)

REFID 31 8296 YEAR 1972 BOTOP 00146 AIR TEMP 00.6 DIR HGT PER WIND-DIR 25 INST STD RECORDER TEN SQ 1306
 CONSEC 0023 MONTH 04 SHIP EV WET BULB -00.6 19 4 2 WIND-SPD 23 TRACE DIR 0 5 SQUARE 4
 LAT 46 20 N DAY 10 DATA USE 1 BAROMETR 1012.2 SEA WIND-FJR DURATION 00.1 2 SQUARE 66
 LONG 047 55 W HOUR 21.8 AREA 05 CLOUD T/A CL/TR WEATHER XI ORIG IIP 110 1 SQUARE 67

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SND VEL	DXYG	P34	TOT P	NO2	NO3	S133	P4
21.8	STD	00000	- 0.89	32.89	26.46	00.000	1442.2							
	DBS	00000	- 0.89	32.892	26.46		1442.2							
	STD	00010	- 0.89	32.89	26.46	00.016	1442.4							
	DBS	00010	- 0.89	32.892	26.46		1442.4							
	STD	00070	- 0.91	32.89	26.46	00.031	1442.5							
	DBS	00021	- 0.92	32.892	26.47		1442.5							
	STD	00030	- 0.96	32.89	26.47	00.047	1442.4							
	DBS	00032	- 0.98	32.890	26.47		1442.3							
	DBS	00039	- 1.13	32.878	26.46		1441.8							
	DBS	00043	- 1.28	32.930	26.51		1441.2							
	STD	00050	- 1.35	32.98	26.55	00.078	1441.0							
	DBS	00050	- 1.35	32.983	26.55		1441.0							
	STD	00075	- 1.36	33.13	26.67	00.114	1441.6							
	DBS	00076	- 1.36	33.141	26.68		1441.6							
	STD	00100	- 1.15	33.31	26.81	00.146	1443.2							
	DBS	00101	- 1.15	33.314	26.81		1443.3							
	STD	00125	- 1.17	33.43	26.91	00.176	1443.8							
	DBS	00126	- 1.17	33.434	26.91		1443.8							
	DBS	00141	- 1.16	33.444	26.92		1444.1							

REFID 31 8296 YEAR 1972 BOTOP 00110 AIR TEMP 00.0 DIR HGT PER WIND-DIR 25 INST STD RECORDER TEN SQ 1306
 CONSEC 0024 MONTH 04 SHIP EV WET BULB -00.6 19 4 2 WIND-SPD 23 TRACE DIR 0 5 SQUARE 4
 LAT 46 25.0N DAY 10 DATA USE 1 BAROMETR 1013.9 SEA WIND-FJR DURATION 00.1 2 SQUARE 68
 LONG 048 12.0W HOUR 23.6 AREA 05 CLOUD T/A CL/TR WEATHER XI ORIG IIP 110 1 SQUARE 68

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SND VEL	DXYG	P34	TOT P	NO2	NO3	S133	P4
23.6	DBS	00012	- 1.12	32.892	26.47		1441.4							
	STD	00020	- 1.11	32.90	26.47		1441.5							
	DBS	00021	- 1.11	32.896	26.47		1441.6							
	STD	00030	- 1.14	32.89	26.47		1441.6							
	DBS	00030	- 1.14	32.889	26.47		1441.6							
	STD	00050	- 1.25	32.90	26.48		1441.4							
	DBS	00050	- 1.25	32.900	26.48		1441.4							
	DBS	00059	- 1.32	32.871	26.46		1441.2							
	STD	00075	- 1.38	32.91	26.49		1441.2							
	DBS	00075	- 1.38	32.907	26.49		1441.2							
	STD	00100	- 1.49	32.93	26.51		1441.1							
	DBS	00100	- 1.49	32.941	26.52		1441.2							
	DBS	00106	- 1.49	33.026	26.59		1441.4							

REFID 31 8296 YEAR 1972 BOTOP 00099 AIR TEMP -00.6 DIR HGT PER WIND-DIR 25 INST STD RECORDER TEN SQ 1306
 CONSEC 0025 MONTH 04 SHIP EV WET BULB -00.6 19 4 3 WIND-SPD 22 TRACE DIR 0 5 SQUARE 4
 LAT 46 32 N DAY 11 DATA USE 1 BAROMETR 1014.6 SEA WIND-FJR DURATION 00.1 2 SQUARE 68
 LONG 048 27 W HOUR 01.5 AREA 05 CLOUD T/A CL/TR WEATHER XI ORIG IIP 110 1 SQUARE 68

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SND VEL	DXYG	P34	TOT P	NO2	NO3	S133	P4
01.5	STD	00000	- 1.00	32.91	26.48	00.000	1441.8							
	DBS	00000	- 1.00	32.912	26.48		1441.8							
	STD	00010	- 0.99	32.91	26.48	00.016	1441.9							
	DBS	00020	- 0.99	32.91	26.48	00.031	1442.1							
	DBS	00024	- 0.99	32.912	26.48		1442.2							
	STD	00030	- 0.99	32.91	26.48	00.047	1442.3							
	DBS	00048	- 1.00	32.918	26.49		1442.6							
	STD	00050	- 1.02	32.91	26.48	00.078	1442.5							
	DBS	00059	- 1.15	32.901	26.48		1442.0							
	DBS	00070	- 1.33	32.941	26.52		1441.4							
	STD	00075	- 1.30	32.94	26.52	00.116	1441.6							
	DBS	00075	- 1.30	32.942	26.52		1441.6							
	DBS	00078	- 1.30	32.944	26.52		1441.7							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972—18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296 YEAR 1972 RCTOP 00093 AIR TEMP 07.6 DIR HGT PER WIND-DIR 25 INST STD RECORDER TEN SQ 1306
 CONSFC 0026 MONTH 04 SHIP EV WET BULB 00.0 WIND-SPD 23 TRACE DIR 0 D 5 SQUARE 4
 LAT 46 06 N DAY 11 DATA USE 1 BAROMETR 1015.2 SEA WIND-FIR DURATION 00.1 2 SQUARE 68
 LONG 048 22 W HOUR 04.1 AREA 05 CLOUD T/A CL/TR WEATHER XL DRIS TIP 110 1 SQUARE 58

CASNO#/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	DXYG	P34	TOT P	N02	N03	S133	P4
04.1	STD	00000	- 0.86	32.90	26.47	00.000	1442.4							
	WBS	00000	- 0.86	32.897	26.47		1442.4							
	STD	00013	- 0.86	32.90	26.47	00.016	1442.5							
	STD	00020	- 0.86	32.90	26.47	00.031	1442.7							
	WBS	00025	- 0.86	32.899	26.47		1442.8							
	STD	00030	- 0.88	32.88	26.46	00.047	1442.8							
	WBS	00043	- 0.93	32.878	26.45		1442.9							
	WBS	00049	- 1.10	32.907	26.47		1442.1							
	STD	00050	- 1.10	32.90	26.48	00.079	1442.1							
	WBS	00059	- 1.23	32.930	26.51		1441.8							
	STD	00075	- 1.23	32.93	26.51	00.117	1441.7							
	WBS	00075	- 1.23	32.931	26.51		1441.9							
	WBS	00082	- 1.23	32.930	26.51		1442.1							

REFID 31 8296 YEAR 1972 RCTOP 00097 AIR TEMP 09.6 DIR HGT PER WIND-DIR 25 INST STD RECORDER TEN SQ 1306
 CONSFC 0027 MONTH 04 SHIP EV WET BULB 00.0 WIND-SPD 23 TRACE DIR 0 5 SQUARE 4
 LAT 46 03 N DAY 11 DATA USE 1 BAROMETR 1015.2 SEA WIND-FIR DURATION 00.3 2 SQUARE 68
 LONG 048 19 W HOUR 05.0 AREA 05 CLOUD T/A CL/TR WEATHER XL DRIS TIP 110 1 SQUARE 68

CASNO#/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	DXYG	P34	TOT P	N02	N03	S133	P4
05.0	WBS	00011	- 0.94	32.911	26.48		1442.2							
	STD	00020	- 0.94	32.91	26.48		1442.4							
	WBS	00022	- 0.94	32.911	26.48		1442.4							
	WBS	00028	- 0.94	32.915	26.48		1442.5							
	STD	00030	- 0.95	32.92	26.49		1442.4							
	WBS	00049	- 1.15	32.917	26.49		1441.9							
	STD	00050	- 1.17	32.92	26.50		1441.8							
	STD	00075	- 1.43	32.98	26.55		1441.1							
	WBS	00075	- 1.43	32.982	26.55		1441.1							
	WBS	00085	- 1.43	32.994	26.57		1441.3							

REFID 31 8296 YEAR 1972 RCTOP 00110 AIR TEMP 01.1 DIR HGT PER WIND-DIR 25 INST STD RECORDER TEN SQ 1306
 CONSFC 0028 MONTH 04 SHIP EV WET BULB 00.0 WIND-SPD 23 TRACE DIR 0 5 SQUARE 4
 LAT 46 54 N DAY 11 DATA USE 1 BAROMETR 1015.2 SEA WIND-FIR DURATION 00.1 2 SQUARE 48
 LONG 049 08 W HOUR 06.3 AREA 05 CLOUD T/A CL/TR WEATHER XL DRIS TIP 110 1 SQUARE 58

CASNO#/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	DXYG	P34	TOT P	N02	N03	S133	P4
06.3	STD	00000	- 0.97	32.92	26.49	00.000	1441.9							
	WBS	00000	- 0.97	32.920	26.49		1441.9							
	STD	00010	- 0.98	32.92	26.49	00.016	1442.0							
	STD	00020	- 0.99	32.93	26.49	00.031	1442.2							
	WBS	00024	- 0.99	32.926	26.49		1442.2							
	STD	00030	- 0.99	32.92	26.49	00.046	1442.3							
	WBS	00040	- 0.98	32.912	26.48		1442.5							
	WBS	00046	- 1.25	32.950	26.52		1441.4							
	WBS	00049	- 1.26	32.963	26.53		1441.4							
	STD	00050	- 1.27	32.96	26.53	00.077	1441.4							
	WBS	00063	- 1.41	33.001	26.57		1441.0							
	STD	00075	- 1.41	33.02	26.59	00.114	1441.2							
	WBS	00075	- 1.41	33.024	26.59		1441.2							
	WBS	00097	- 1.37	33.110	26.65		1441.0							
	STD	00100	- 1.08	33.11	26.65	00.150	1443.3							
	WBS	00101	- 1.07	33.113	26.65		1443.4							
	WBS	00104	- 1.39	33.118	26.66		1441.9							
	WBS	00107	- 1.38	33.119	26.66		1442.0							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REF ID	31 8296	YEAR	1972	ROTOP	00245	AIR TEMP	01.1	DIR HGT PER		WIND-DIR	23	INST STD RECORDER		TEN SQ	1306
CONSEC	0029	MONTH	04	SHIP EV		WET BULB	00.0		20 5 2	WIND-SPD	18	TRACE DIR	0	5 SQUARE	6
LAT	45 52 N	DAY	11	DATA USE	1	BAROMETR	1017.3	SEA		WIND-FJR		DURATION	00.1	2 SQUARE	48
LONG	047 54 W	HOOR	07.5	AREA	05	CLOUD T/A		CL/T/A		WEATHER	X)	ORIG IIP	110	1 SQUARE	57

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYN DPTH	SND VEL	XYG	PJ4	TOT P	NO2	NO3	SIG3	P4
	STD	00000	- 0.98	32.90	26.48	00.000	1441.8							
07.5	OBS	00000	- 0.98	32.905	26.48		1441.8							
	STD	00010	- 0.98	32.91	26.48	00.016	1442.0							
	STD	00020	- 0.97	32.91	26.48	00.031	1442.2							
	OBS	00026	- 0.97	32.906	26.48		1442.3							
	STD	00030	- 1.01	32.92	26.49	00.047	1442.2							
	OBS	00048	- 1.30	32.994	26.56		1441.3							
	STD	00050	- 1.32	33.01	26.57	00.077	1441.2							
	OBS	00051	- 1.35	33.023	26.58		1441.1							
	OBS	00058	- 1.38	33.069	26.62		1441.2							
	OBS	00074	- 1.27	33.308	26.81		1442.3							
	STD	00075	- 1.27	33.31	26.81	00.111	1442.3							
	OBS	00097	- 1.16	33.418	26.90		1443.3							
	STD	00100	- 1.07	33.47	26.94	00.140	1443.9							
	OBS	00100	- 1.05	33.485	26.95		1444.0							
	OBS	00109	- 0.93	33.445	26.91		1444.6							
	OBS	00116	- 0.93	33.450	26.92		1444.8							
	STD	00125	- 0.94	33.45	26.92	00.169	1444.9							
	OBS	00125	- 0.94	33.453	26.92		1444.9							
	STD	00150	- 0.88	33.51	26.96	00.196	1445.6							
	OBS	00151	- 0.88	33.508	26.96		1445.6							
	OBS	00175	- 0.77	33.565	27.00		1446.6							
	STD	00200	- 0.59	33.60	27.02	00.250	1447.9							
	OBS	00201	- 0.59	33.599	27.02		1447.9							
	OBS	00219	- 0.60	33.610	27.03		1448.2							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REFID 31 8296 YEAR 1972 BOTOP 01320 AIR TEMP 00.7 DIR HGT PER WIND-DIR 25 INST STD RECORDER TEN SJ 1306
 CONSEC 0030 MONTH 04 SHIP EV WET BULR 00.6 20 4 2 WIND-SPO 15 TRACE DIR 0 5 SQUARE 4
 LAT 45 45 N DAY 11 DATA USE 1 BAROMETR 1019.3 SEA WIND-FOR 00.4 2 SQUARE 46
 LONG 047 38 W HOUR 09.7 AREA 05 CLOUD T/A CL/TR WEATHER X) ORIGIN 110 110 1 SQUARE 57

CASIDN ^M /TIME	LVLTY ^P	DEPTH	TEMP	SAL	SIGMA-T	SYNDPH	SNO VEL	OXYG	P24	TOT P	NO2	NO3	S133	P4
09.7	DRS	00009	- 0.82	32.939	26.50		1442.8							
	STO	00010	- 0.82	32.94	26.50		1442.8							
	STO	00020	- 0.82	32.95	26.50		1443.0							
	DRS	00022	- 0.82	32.947	26.51		1443.0							
	DRS	00027	- 0.60	33.128	26.64		1444.4							
	STO	00030	- 0.61	33.12	26.64		1444.4							
	DRS	00030	- 0.61	33.121	26.64		1444.4							
	DRS	00033	- 0.86	33.147	26.67		1443.3							
	DRS	00036	- 1.00	33.262	26.77		1442.8							
	STO	00050	- 0.89	33.45	26.92		1443.8							
	DRS	00050	- 0.89	33.454	26.92		1443.9							
	DRS	00053	- 0.84	33.450	26.91		1444.1							
	DRS	00058	- 1.02	33.527	26.98		1443.5							
	DRS	00060	- 0.96	33.547	27.00		1443.8							
	DRS	00069	- 1.22	33.583	27.03		1442.9							
	STO	00075	- 0.52	33.58	27.01		1446.2							
	DRS	00088	- 0.20	33.589	27.00		1447.9							
	DRS	00091	- 0.40	33.598	27.02		1447.0							
	DRS	00095	- 0.48	33.712	27.11		1446.9							
	STO	00100	- 0.58	33.69	27.10		1446.5							
	DRS	00101	- 0.59	33.688	27.10		1446.4							
	DRS	00110	- 0.39	33.662	27.07		1447.5							
	DRS	00113	- 0.49	33.700	27.10		1447.1							
	DRS	00119	- 0.47	33.760	27.15		1447.4							
	DRS	00122	- 0.54	33.771	27.16		1447.1							
	STO	00125	- 0.33	33.80	27.17		1448.2							
	DRS	00126	- 0.18	33.820	27.18		1448.9							
	STO	00150	00.02	33.87	27.21		1450.3							
	DRS	00151	00.04	33.877	27.22		1450.4							
	DRS	00172	00.37	34.015	27.31		1452.5							
	DRS	00177	00.60	34.065	27.34		1453.6							
	DRS	00187	00.77	34.076	27.34		1454.6							
	STO	00200	01.44	34.19	27.39		1458.0							
	DRS	00203	01.55	34.216	27.40		1458.5							
	DRS	00229	01.84	34.301	27.45		1460.4							
	STO	00250	01.92	34.31	27.45		1461.1							
	DRS	00258	01.97	34.315	27.45		1461.4							
	DRS	00275	02.12	34.433	27.53		1462.6							
	STO	00300	02.42	34.47	27.54		1464.3							
	DRS	00305	02.51	34.490	27.54		1464.8							
	DRS	00325	02.87	34.565	27.57		1466.8							
	DRS	00350	03.27	34.659	27.61		1469.1							
	DRS	00383	03.51	34.707	27.62		1470.7							
	STO	00400	03.69	34.74	27.63		1471.8							
	DRS	00402	03.71	34.741	27.63		1471.9							
	DRS	00425	03.83	34.782	27.65		1472.9							
	DRS	00452	04.12	34.934	27.66		1474.6							
	DRS	00478	04.21	34.857	27.67		1475.4							
	STO	00500	04.25	34.88	27.69		1476.0							
	DRS	00503	04.26	34.883	27.69		1476.1							
	DRS	00531	04.43	34.894	27.68		1477.3							
	DRS	00552	04.44	34.927	27.70		1477.7							
	DRS	00552	04.33	34.914	27.70		1477.7							
	STO	00600	04.36	34.92	27.71		1478.2							
	DRS	00608	04.37	34.923	27.71		1478.3							
	DRS	00626	04.29	34.915	27.71		1478.2							
	DRS	00677	04.21	34.917	27.72		1478.8							
	STO	00700	04.21	34.92	27.72		1479.2							
	DRS	00706	04.21	34.921	27.72		1479.3							
	DRS	00757	04.13	34.915	27.73		1479.7							
	STO	00800	04.11	34.92	27.73		1480.4							
	DRS	00800	04.11	34.919	27.73		1480.4							
	DRS	00828	04.12	34.935	27.74		1481.0							
	DRS	00657	04.21	34.942	27.74		1481.7							
	DRS	00875	04.50	34.989	27.74		1483.4							
	STO	00900	04.41	34.97	27.74		1483.4							
	DRS	00905	04.38	34.968	27.74		1483.4							
	DRS	00931	04.20	34.949	27.75		1483.2							
	DRS	00950	04.24	34.956	27.75		1483.5							
	DRS	00980	04.29	34.976	27.76		1484.3							
	STO	01000	04.29	34.97	27.76		1484.6							
	DRS	01005	04.28	34.971	27.75		1484.6							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 A296	YEAR 1972	BOTOP 02128	AIP TENP 06.1	OIR HGT PER	WIND-OIR 22	INST STD RECORDER	TEN SQ 1306
CONSEC 0031	MONTH 04	SHIP EV	WET BULB 05.6	20 3 3	WIND-SPO 12	TRACE OIR 0	5 SQUARE 4
LAT 45 36 N	DAY 11	DATA USE 1	BAROMETR 1020.3	SEA	WIND-FDR	DURATION 00.3	2 SQUARE 46
LONG 047 29 W	HOUR 12.3	AREA 05	CLOUD 1/4	CL/TR	WEATHER XL	DRIG TIP 110	1 SQUARE 57

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SND VEL	XYG	P34	TOT P	NO2	NO3	SI33	P4
12.3	STD	00000	01.60	33.38	26.73	00.000	1454.3							
	OBS	00002	01.60	33.379	26.73		1454.3							
	STD	00010	01.71	33.39	26.72	00.013	1454.9							
	OBS	00013	01.77	33.519	26.83		1455.4							
	OBS	00019	03.07	33.866	27.00		1461.7							
	STD	00020	03.56	33.91	26.98	00.025	1463.9							
	OBS	00024	05.06	34.029	26.92		1470.4							
	OBS	00027	05.29	34.037	26.90		1471.4							
	STD	00030	05.29	34.04	26.90	00.037	1471.4							
	STD	00050	05.27	34.07	26.93	00.060	1471.7							
	OBS	00073	05.24	34.102	26.96		1472.0							
	STD	00075	05.16	34.09	26.95	00.088	1471.7							
	OBS	00082	04.72	34.001	26.94		1469.9							
	OBS	00098	04.27	33.979	26.97		1468.2							
	STD	00100	04.02	34.02	27.03	00.115	1467.3							
	OBS	00109	03.20	34.197	27.25		1464.2							
	OBS	00112	03.19	34.214	27.26		1464.2							
	OBS	00115	03.26	34.261	27.29		1464.6							
	OBS	00121	03.65	34.464	27.42		1466.7							
	STD	00125	03.88	34.50	27.42	00.137	1467.7							
	OBS	00138	04.40	34.576	27.43		1470.2							
	STD	00150	03.66	34.51	27.46	00.153	1467.2							
	OBS	00170	03.42	34.402	27.39		1466.4							
	OBS	00174	03.54	34.472	27.43		1467.1							
	OBS	00178	03.71	34.431	27.39		1467.8							
	OBS	00187	03.50	34.427	27.40		1467.1							
	STD	00200	03.88	34.54	27.45	00.186	1469.0							
	OBS	00200	03.91	34.545	27.46		1467.2							
	OBS	00224	04.64	34.689	27.49		1472.8							
	STD	00250	04.65	34.78	27.56	00.216	1473.4							
	OBS	00251	04.65	34.784	27.57		1473.4							
	STD	00300	04.67	34.83	27.60	00.244	1474.4							
	OBS	00304	04.80	34.856	27.61		1475.0							
	OBS	00318	05.21	34.943	27.63		1477.0							
	OBS	00330	05.21	34.950	27.63		1477.2							
	OBS	00351	05.13	34.951	27.64		1477.3							
	OBS	00381	05.07	34.959	27.66		1477.5							
	STD	00400	05.09	34.98	27.67	00.294	1477.9							
	OBS	00405	05.09	34.979	27.67		1478.0							
	OBS	00425	05.09	34.992	27.68		1478.4							
	OBS	00451	05.06	35.006	27.69		1478.7							
	OBS	00499	04.97	35.011	27.71		1479.1							
	STD	00500	04.97	35.01	27.71	00.342	1479.1							
	OBS	00526	04.89	35.000	27.71		1479.2							
	OBS	00551	04.80	34.996	27.72		1479.3							
	OBS	00574	04.77	34.994	27.72		1479.5							
	OBS	00599	04.64	34.987	27.73		1479.4							
	STD	00600	04.64	34.99	27.73	00.387	1479.4							
	OBS	00648	04.58	34.985	27.73		1480.0							
	OBS	00676	04.48	34.976	27.74		1480.0							
	STD	00700	04.47	34.97	27.74	00.431	1480.4							
	OBS	00702	04.47	34.974	27.74		1480.4							
	OBS	00731	04.40	34.980	27.75		1480.6							
	OBS	00749	04.38	34.974	27.75		1480.8							
	OBS	00776	04.30	34.963	27.75		1480.9							
	OBS	00798	04.26	34.961	27.75		1481.1							
	STD	00800	04.26	34.96	27.75	00.475	1481.1							
	OBS	00848	04.23	34.957	27.75		1481.8							
	OBS	00873	04.19	34.955	27.75		1482.0							
	STD	00900	04.22	34.96	27.75	00.519	1482.6							
	OBS	00901	04.22	34.963	27.75		1482.6							
	OBS	00930	04.15	34.956	27.76		1482.8							
	OBS	00956	04.12	34.949	27.75		1483.1							
	STD	01000	04.04	34.94	27.76	00.564	1483.5							
	OBS	01003	04.03	34.943	27.76		1483.5							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NOPO Listing No. 31-8296.—Continued

REF ID	STATION	YEAR	MONTH	DAY	LONG	DEPTH	TEMP	SAL	SI, PAR-T	COND	WIND	DIR	INST	RECOR	TEN	SQ
02332	01	1972	04	07	057 07 N	00000	06.85	34.27	25.98	00.000	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00001	06.85	34.267	25.988	00.001	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00004	06.84	34.260	25.988	00.004	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00010	06.84	34.28	26.90	00.010	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00020	06.84	34.32	26.92	00.020	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00025	06.85	34.340	26.94	00.025	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00029	07.06	34.485	27.03	00.029	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00030	07.07	34.49	27.03	00.030	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00050	08.15	34.68	27.02	00.050	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00075	08.84	34.83	27.02	00.075	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00075	08.88	34.827	27.02	00.075	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00098	08.93	34.857	27.04	00.098	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00100	08.91	34.84	27.03	00.100	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00101	08.84	34.830	27.03	00.101	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00104	08.65	34.828	27.06	00.104	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00108	08.38	34.854	27.12	00.108	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00114	08.26	34.841	27.13	00.114	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00117	08.13	34.834	27.14	00.117	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00120	08.10	34.861	27.17	00.120	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00123	08.29	34.925	27.19	00.123	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00125	08.32	34.95	27.20	00.125	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00125	08.36	34.956	27.20	00.125	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00128	08.61	35.001	27.20	00.128	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00131	08.71	34.983	27.17	00.131	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00139	08.05	34.832	27.15	00.139	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00150	07.90	34.83	27.18	00.150	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00151	07.88	34.829	27.18	00.151	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00156	08.03	34.866	27.18	00.156	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00159	07.93	34.875	27.21	00.159	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00162	07.74	34.849	27.21	00.162	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00174	07.18	34.800	27.26	00.174	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00183	07.19	34.850	27.29	00.183	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00197	06.88	34.786	27.29	00.197	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00200	06.72	34.75	27.28	00.200	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00200	06.70	34.743	27.28	00.200	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00206	06.65	34.794	27.33	00.206	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00212	06.46	34.773	27.33	00.212	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00225	06.03	34.725	27.35	00.225	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00250	05.86	34.75	27.39	00.250	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00250	05.86	34.750	27.39	00.250	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00253	05.86	34.797	27.43	00.253	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00259	06.41	34.921	27.46	00.259	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00262	06.56	34.922	27.44	00.262	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00272	06.55	34.938	27.45	00.272	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00276	06.68	35.001	27.48	00.276	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00281	06.79	35.000	27.47	00.281	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00299	06.33	34.926	27.47	00.299	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00300	06.33	34.94	27.48	00.300	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00302	06.32	34.962	27.50	00.302	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00309	05.85	34.878	27.50	00.309	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00315	05.65	34.848	27.50	00.315	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00324	05.69	34.873	27.51	00.324	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00350	05.59	34.896	27.54	00.350	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00375	05.22	34.889	27.58	00.375	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00400	05.16	34.90	27.60	00.400	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00401	05.15	34.903	27.60	00.401	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00430	04.62	34.862	27.63	00.430	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00450	04.60	34.905	27.67	00.450	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00457	04.75	34.908	27.65	00.457	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00477	04.50	34.891	27.67	00.477	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00500	04.49	34.90	27.68	00.500	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00503	04.49	34.906	27.68	00.503	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00523	04.49	34.925	27.70	00.523	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00533	04.51	34.932	27.70	00.533	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00554	04.41	34.925	27.70	00.554	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00573	04.37	34.924	27.71	00.573	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00599	04.52	34.952	27.71	00.599	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00600	04.51	34.95	27.71	00.600	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00624	04.42	34.940	27.71	00.624	2	019	0113	07.4	1	57
02332	01	1972	04	07	057 07 N	00652	04.40	34.953	27.73	00.652	2	019	0113	07.4	1	57
02332																

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296 YEAR 1972 BOTOP 03146 AIR TEMP 09.4 DIR HGT PER WIND-DIR 24 INST STD RECORDER TEN 50 1306
 CONSEC 0033 MOUNT 04 SHIP EV WET AULR 08.3 27 4 3 WIND-SPD 11 TRACE DIR 7 5 SQUARE 4
 LAT 45 15 N DAY 11 DATA USE 1 BAROMETR 1020.7 SEA WIND-FJR WAVE DIR 00.3 2 SQUARE 46
 LONG 046 44 W HOUR 17.1 AREA 05 CLOUD T/A CL/TR WEATHER Y1 DRIS IIP 110 1 SQUARE 56

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	0YN0PTH	SNO VEL	OXYG	P14	TOT P	N02	N03	S113	P4
17.1	STD	00000	11.33	35.23	26.91	00.000	1495.4							
	085	00000	11.33	35.228	26.91		1495.4							
	STD	00010	11.22	35.20	26.91	00.012	1495.2							
	STD	00020	11.10	35.18	26.92	00.021	1494.9							
	085	00020	11.10	35.180	26.92		1494.9							
	085	00028	09.56	34.885	26.96		1489.1							
	STD	00030	09.49	34.86	26.95	00.034	1488.8							
	085	00031	09.38	34.819	26.93		1488.4							
	085	00046	09.23	34.825	26.96		1488.1							
	085	00049	09.13	34.777	26.94		1487.7							
	STD	00050	09.09	34.78	26.95	00.057	1487.6							
	085	00051	08.99	34.799	26.98		1487.3							
	085	00057	09.05	34.857	27.02		1487.7							
	085	00064	08.80	34.791	27.01		1486.7							
	085	00070	08.79	34.790	27.01		1486.8							
	STD	00075	08.61	34.75	27.00	00.084	1486.1							
	085	00075	08.59	34.747	27.01		1486.1							
	085	00083	07.97	34.647	27.02		1483.7							
	085	00099	07.30	34.499	27.00		1481.2							
	STD	00100	07.30	34.50	27.00	00.111	1481.2							
	085	00105	07.12	34.572	27.09		1480.7							
	STD	00125	07.01	34.54	27.08	00.137	1480.6							
	085	00125	07.01	34.542	27.08		1480.6							
	085	00142	07.63	34.731	27.14		1483.5							
	085	00145	07.69	34.737	27.13		1483.8							
	STD	00150	08.46	34.92	27.16	00.162	1487.0							
	085	00151	08.55	34.942	27.16		1487.4							
	085	00156	08.63	34.911	27.13		1487.8							
	085	00159	08.55	34.886	27.12		1487.5							
	085	00165	08.10	34.812	27.13		1485.8							
	085	00175	07.95	34.825	27.16		1485.4							
	085	00195	07.95	34.861	27.19		1485.8							
	085	00197	07.83	34.827	27.18		1485.3							
	STD	00200	07.81	34.87	27.22	00.208	1485.3							
	085	00200	07.80	34.877	27.23		1485.3							
	085	00203	07.91	34.897	27.23		1485.8							
	085	00223	07.37	34.825	27.25		1483.9							
	085	00235	07.27	34.818	27.26		1483.7							
	085	00241	06.99	34.778	27.27		1482.7							
	085	00248	06.85	34.760	27.27		1482.2							
	STD	00250	06.79	34.77	27.28	00.251	1482.0							
	085	00257	06.71	34.794	27.32		1481.9							
	085	00260	06.81	34.875	27.37		1482.4							
	085	00274	06.96	34.879	27.35		1483.2							
	085	00297	07.51	35.015	27.38		1485.9							
	STD	00300	07.40	34.99	27.38	00.291	1485.5							
	085	00300	07.39	34.992	27.38		1485.5							
	085	00306	07.23	34.950	27.37		1484.9							
	085	00309	07.07	34.899	27.35		1484.3							
	085	00312	06.81	34.858	27.35		1483.2							
	085	00324	05.01	34.639	27.41		1475.9							
	085	00327	04.99	34.695	27.46		1476.0							
	085	00333	05.22	34.722	27.45		1477.0							
	085	00344	05.61	34.796	27.46		1478.9							
	085	00350	05.40	34.751	27.45		1478.1							
	085	00357	05.29	34.808	27.51		1477.8							
	085	00359	05.36	34.826	27.52		1478.2							
	085	00366	05.70	34.891	27.53		1479.8							
	085	00375	05.73	34.886	27.52		1480.0							
	STD	00400	05.84	34.97	27.57	00.358	1481.0							
	085	00400	05.84	34.974	27.57		1481.0							
	085	00427	06.33	35.057	27.58		1483.5							
	085	00448	06.27	35.086	27.61		1483.7							
	085	00474	06.01	35.033	27.60		1483.0							
	STD	00500	05.08	34.93	27.63	00.414	1479.5							
	085	00500	05.07	34.925	27.63		1479.4							
	085	00525	04.76	34.920	27.66		1478.6							
	085	00591	05.17	34.995	27.67		1480.8							
	085	00575	05.00	34.974	27.68		1480.5							
	STD	00600	04.90	34.98	27.69	00.465	1480.5							
	085	00604	04.89	34.977	27.69		1480.5							
	085	00628	04.87	34.970	27.69		1480.8							
	085	00653	04.93	35.009	27.71		1481.5							
	085	00675	04.98	35.013	27.71		1482.1							
	STD	00700	04.77	34.98	27.71	00.513	1481.6							
	085	00702	04.76	34.983	27.71		1481.6							
	085	00723	04.67	34.982	27.72		1481.7							
	085	00742	04.63	34.978	27.72		1481.9							
	085	00777	04.63	34.990	27.73		1482.3							
	085	00799	04.62	34.989	27.73		1482.6							
	STD	00800	04.61	34.99	27.73	00.559	1482.6							
	085	00833	04.52	34.984	27.74		1482.7							
	085	00851	04.49	34.987	27.74		1483.0							
	085	00876	04.46	34.984	27.75		1483.2							
	085	00899	04.43	34.987	27.75		1483.5							
	STD	00900	04.43	34.99	27.75	00.605	1483.5							
	085	00925	04.42	34.986	27.75		1483.9							
	085	00954	04.37	34.970	27.75		1483.9							
	085	00982	04.22	34.967	27.75		1484.1							
	STD	01000	04.23	34.97	27.76	00.650	1484.3							
	085	01013	04.22	34.964	27.76		1484.5							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NOAA Listing No. 31-8296.—Continued

REFID 31 9296 YEAR 1972 ROTOP 01457 AIR TEMP 07.8 DIR HGT PER 41ND-JIR 13 INST STD RECORDER TFM SQ 1306
 CONSER 0014 MONTH 04 SHIP EV WET BULB 07.2 27 4 3 WIND-SPD 23 TRACE DIR 0 5 SQUARE 2
 LAT 44 52 N DAY 11 DATA USE 1 BAROMETR 1016.6 SEA WIND-FJR DJRATTN 07.5 2 SQUARE 46
 LONG 097 19 W HOUR 21.2 ANFA 05 CLOUD T/A CL/TR WEATHER XL ORIG TTP 110 1 SQUARE 46

CSTNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNPTH	SND VFL	IXYG	P14	TOT P	NO2	NO3	SI03	P4
21.2	STO	00000	11.55	35.28	26.91	00.000	1496.3							
	IRAS	0000H	11.55	35.279	26.91		1496.4							
	STO	00010	11.56	35.28	26.91	00.012	1496.5							
	IRAS	00014	11.58	35.298	26.92		1496.6							
	STO	00020	11.58	35.30	26.92	00.023	1496.7							
	IRAS	00026	11.57	35.296	26.92		1496.8							
	STO	00030	11.59	35.32	26.93	00.036	1497.0							
	IRAS	00031	11.60	35.326	26.94		1497.0							
	STO	00050	11.67	35.33	26.93	00.057	1497.6							
	IRAS	00050	11.67	35.334	26.93		1497.6							
	IRAS	00066	11.63	35.328	26.93		1497.7							
	STO	00075	11.61	35.33	26.94	00.086	1497.8							
	IRAS	00087	11.59	35.313	26.93		1497.8							
	STO	00100	11.24	35.23	26.92	00.115	1496.9							
	IRAS	00100	11.22	35.220	26.93		1496.7							
	IRAS	00106	10.93	35.170	25.93		1495.9							
	IRAS	00124	10.44	35.050	26.93		1496.1							
	STO	00125	10.40	35.04	26.94	00.144	1493.9							
	IRAS	00129	10.13	34.997	26.95		1493.0							
	IRAS	00139	09.54	34.904	26.97		1490.9							
	IRAS	00143	09.42	34.921	27.01		1490.5							
	IRAS	00148	09.42	34.925	27.01		1490.6							
	STO	00150	09.36	34.92	27.02	00.172	1490.4							
	IRAS	00156	09.04	34.865	27.02		1489.4							
	IRAS	00159	09.93	34.804	27.00		1488.8							
	IRAS	00163	09.90	34.843	27.03		1488.9							
	IRAS	00176	09.99	34.859	27.03		1489.4							
	IRAS	00189	09.22	34.935	27.05		1490.5							
	IRAS	00199	09.61	35.077	27.10		1492.3							
	STO	00200	09.61	35.08	27.10	00.224	1492.3							
	IRAS	00206	09.53	35.096	27.13		1492.2							
	IRAS	00213	09.51	35.091	27.13		1492.2							
	IRAS	00225	09.07	34.998	27.13		1490.5							
	IRAS	00248	08.63	34.954	27.16		1489.3							
	STO	00250	08.53	34.95	27.18	00.273	1489.0							
	IRAS	00255	08.27	34.953	27.22		1488.1							
	IRAS	00230	07.44	34.830	27.24		1485.1							
	IRAS	00292	07.13	34.801	27.26		1484.1							
	STO	00300	06.87	34.80	27.30	00.318	1483.2							
	IRAS	00324	06.62	34.789	27.33		1482.6							
	IRAS	00353	07.56	35.069	27.41		1487.1							
	IRAS	00379	07.45	35.078	27.44		1487.1							
	STO	00400	07.17	35.07	27.47	00.394	1486.4							
	IRAS	00403	07.16	35.070	27.47		1486.4							
	IRAS	00403	07.17	35.053	27.46		1486.2							
	IRAS	00419	05.86	34.865	27.49		1481.2							
	IRAS	00422	05.73	34.862	27.50		1480.8							
	IRAS	00429	05.82	34.927	27.54		1481.3							
	IRAS	00434	05.97	34.935	27.53		1481.8							
	IRAS	00447	05.82	34.912	27.53		1481.5							
	IRAS	00449	05.47	34.850	27.52		1480.1							
	IRAS	00465	04.35	34.727	27.55		1475.6							
	IRAS	00469	04.33	34.752	27.57		1475.8							
	IRAS	00471	04.53	34.782	27.58		1476.6							
	IRAS	00488	04.54	34.790	27.58		1476.9							
	IRAS	00499	04.53	34.809	27.60		1477.0							
	STO	00500	04.61	34.82	27.60	00.456	1477.4							
	IRAS	00510	04.97	34.881	27.61		1479.1							
	IRAS	00530	04.92	34.884	27.61		1479.3							
	IRAS	00550	04.50	34.835	27.62		1477.8							
	IRAS	00575	04.33	34.849	27.65		1477.5							
	IRAS	00593	04.47	34.870	27.66		1478.2							
	STO	00600	04.55	34.89	27.66	00.509	1478.9							
	IRAS	00637	05.00	34.975	27.68		1481.5							
	IRAS	00656	04.98	34.978	27.68		1481.7							
	IRAS	00667	04.91	34.970	27.68		1481.5							
	IRAS	00688	04.83	34.969	27.69		1481.6							
	IRAS	00691	04.84	34.974	27.69		1481.7							
	STO	00700	04.80	34.97	27.69	00.558	1481.7							
	IRAS	00704	04.78	34.965	27.69		1481.7							
	IRAS	00728	04.74	34.964	27.70		1481.9							
	IRAS	00785	04.57	34.954	27.71		1482.1							
	STO	00800	04.53	34.95	27.71	00.607	1482.2							
	IRAS	00801	04.53	34.951	27.71		1482.2							
	IRAS	00837	04.46	34.947	27.72		1482.6							
	IRAS	00873	04.41	34.950	27.72		1483.0							
	STO	00900	04.43	34.96	27.73	00.655	1483.0							
	IRAS	00904	04.43	34.957	27.73		1483.5							
	IRAS	00927	04.43	34.965	27.73		1484.0							
	IRAS	00957	04.34	34.955	27.74		1484.1							
	IRAS	00974	04.32	34.957	27.74		1484.3							
	STO	01000	04.32	34.96	27.74	00.707	1484.7							
	IRAS	01036	04.31	34.962	27.74		1485.3							
	IRAS	01057	04.33	34.961	27.74		1485.6							

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TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972—18 June 1972, Prepared from NOAA Listing No. 31-8296.—Continued

PCFID 31 4296 YFZR 1972 BOTOP 03732 AIP TEMP 08.3 DIR HGT PER WIND-DIR 2) INST STO RECORDFR TEN SQ 1306
 CONSID 0035 MONTH 04 SHIP EV WET BURR 07.2 26 9 3 WIND-SPO 2) TRACE DIR 0 5 SQUARE 2
 LAT 44 12 N DAY 12 DATA USE 1 RAPOMETP 1016.9 SEA WIND-FDR DURATION 00.3 2 SQUARE 46
 LON 147 00 W HOUR 05.6 AREA 05 (CLOUD) T/A CL/TR WEATHER X1 ORIG TIP 110 1 SQUARE 47

CASST	DATE TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DEPTH	SNO VEL	DRYG	P19	TOT P	NO2	NO3	SI33	P4
	05.6	STD	00000	09.23	34.72	26.87	00.000	1487.4							
		DBS	00004	09.23	34.720	26.87		1487.5							
		STD	00010	09.28	34.72	26.88	00.012	1487.6							
		DBS	00012	09.23	34.726	26.88		1487.6							
		STD	00020	09.03	34.70	26.89	00.024	1487.0							
		DBS	00022	09.05	34.669	26.87		1487.0							
		STD	00030	09.08	34.69	26.88	00.035	1487.1							
		DBS	00032	09.11	34.722	26.90		1487.3							
		DBS	00049	08.06	34.541	26.92		1483.4							
		STD	00050	08.10	34.56	26.93	00.059	1483.6							
		DBS	00068	08.30	34.612	26.94		1486.7							
		DBS	00071	03.18	34.558	26.92		1486.2							
		DBS	00074	03.25	34.651	26.98		1486.6							
		STD	00075	08.23	34.64	26.98	00.087	1486.6							
		DBS	00078	07.73	34.551	26.97		1483.1							
		STD	00100	07.55	34.54	27.00	00.114	1482.2							
		DBS	00103	05.92	34.537	27.09		1479.9							
		DBS	00115	07.12	34.627	27.13		1480.9							
		STD	00125	06.43	34.65	27.19	00.132	1480.0							
		DBS	00130	06.70	34.657	27.21		1479.6							
		STD	00150	06.73	34.66	27.21	00.162	1480.0							
		DBS	00150	06.73	34.653	27.20		1480.0							
		DBS	00165	04.51	34.341	27.23		1470.8							
		DBS	00177	05.42	34.605	27.33		1475.1							
		DBS	00198	05.90	34.742	27.37		1478.0							
		STD	00200	05.97	34.74	27.37	00.203	1477.9							
		DBS	00237	05.28	34.655	27.39		1475.6							
		STD	00250	04.90	34.63	27.41	00.239	1474.2							
		DBS	00264	04.45	34.599	27.46		1472.6							
		DBS	00277	05.26	34.841	27.54		1476.3							
		DBS	00290	06.15	34.343	27.51		1480.4							
		DBS	00297	05.84	34.896	27.51		1479.4							
		STD	00300	05.89	34.90	27.51	00.272	1479.4							
		DBS	00314	06.04	34.464	27.54		1480.4							
		DBS	00344	05.14	34.860	27.57		1477.1							
		DBS	00374	05.56	34.761	27.60		1479.6							
		STD	00400	05.51	34.97	27.61	00.330	1479.6							
		DBS	00400	05.51	34.968	27.61		1479.6							
		DBS	00450	05.43	35.011	27.65		1480.4							
		DBS	00483	05.55	35.047	27.67		1481.3							
		STD	00500	05.47	35.04	27.67	00.382	1481.2							
		DBS	00560	05.21	35.030	27.70		1481.1							
		STD	00600	05.08	35.03	27.71	00.430	1481.3							
		DBS	00606	05.04	35.028	27.71		1481.2							
		DBS	00624	04.87	35.001	27.71		1480.9							
		DBS	00673	04.75	34.993	27.72		1481.1							
		STD	00700	04.64	34.99	27.73	00.472	1481.0							
		DBS	00703	04.62	34.985	27.73		1481.0							
		DBS	00763	04.45	34.470	27.74		1481.3							
		STD	00800	04.44	34.46	27.74	00.523	1481.9							
		DBS	00804	04.43	34.958	27.73		1481.9							
		DBS	00841	04.25	34.446	27.74		1481.8							
		STD	00900	04.25	34.35	27.74	00.564	1482.8							
		DBS	00900	04.25	34.952	27.74		1482.8							
		DBS	00973	04.11	34.339	27.75		1483.3							
		STD	01000	04.10	34.93	27.75	00.614	1483.7							
		DBS	01000	04.10	34.935	27.75		1483.7							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NOIOC Listing No. 31-8296.—Continued

REF ID: A1 8296 YEAR: 1972 SHIP: 03876 AIR TEMP: 04.4 DIR HGT PER: WIND-DIR: 31 INST. SER. NUMBER: TEN SJ: 1306
 COUNTY: 0036 MONTH: 04 SHIP EV: MET TOLA: 01.5 25 4 2 WIND-SPD: 13 TRACE DIR: 0 5 SQUARE: 2
 LAT: 44 19 N DAY: 12 DATA USE: 1 BAROMETER: 1013.3 SIA WIND-FIR: DIRECTION: 07.2 2 SQUARE: 46
 LONG: 047 22 W HOUR: 08.5 AREA: 05 CLOUD: 7A CLUTR WEATHER: 02 DIRG. TRIP: 113 1 SQUARE: 47

CASINUM/TIME	LEVEL	DEPTH	TEMP	SAL	ST. MA-T	DYNPTH	SUR VEL	DRG	PK	TOT P	NO2	NO3	ST13	P4
08.5	STD	000.00	11.45	35.22	26.88	00.000	1495.8							
	08S	000.00	11.46	35.220	26.88		1495.8							
	08S	000.04	11.45	35.217	26.88		1496.0							
	STD	000.10	11.45	35.22	26.88	00.012	1496.0							
	08S	000.17	11.46	35.224	26.88		1496.2							
	STD	000.20	11.46	35.22	26.88	00.024	1496.2							
	STD	000.30	11.48	35.22	26.88	00.035	1496.4							
	08S	000.41	11.48	35.224	26.88		1496.5							
	08S	000.49	11.48	35.227	26.88		1496.8							
	STD	000.50	11.48	35.23	26.88	00.050	1496.8							
	STD	000.75	11.47	35.22	26.88	00.089	1497.1							
	08S	000.75	11.47	35.223	26.88		1497.1							
	08S	000.92	11.47	35.234	26.89		1497.6							
	STD	001.00	11.47	35.23	26.89	00.110	1497.6							
	STD	001.25	11.47	35.21	26.89	00.149	1497.6							
	08S	001.25	11.47	35.209	26.89		1497.6							
	STD	001.50	09.73	34.98	26.93	00.179	1491.7							
	08S	001.50	09.72	34.983	26.93		1491.7							
	08S	001.74	08.44	34.874	27.13		1487.3							
	STD	002.00	03.41	34.90	27.16	00.232	1487.6							
	08S	002.25	03.60	35.025	27.22		1488.9							
	08S	002.35	04.65	35.151	27.23		1489.3							
	STD	002.50	08.50	35.04	27.25	00.278	1489.0							
	08S	002.50	08.50	35.037	27.25		1489.0							
	08S	002.74	08.42	35.061	27.28		1489.1							
	STD	003.00	07.69	34.93	27.29	00.321	1486.6							
	08S	003.00	07.69	34.928	27.28		1486.6							
	08S	003.25	06.87	34.822	27.34		1482.9							
	08S	003.50	05.24	34.717	27.44		1477.6							
	08S	003.75	05.37	34.765	27.47		1478.4							
	STD	004.00	06.37	34.99	27.52	00.396	1483.1							
	08S	004.13	06.54	35.041	27.53		1484.1							
	08S	004.25	06.47	35.038	27.54		1484.0							
	08S	004.50	06.20	35.028	27.57		1483.3							
	08S	004.75	05.93	35.017	27.60		1482.6							
	08S	004.99	05.76	35.000	27.60		1482.3							
	STD	005.00	05.76	35.00	27.60	00.455	1482.3							
	08S	005.40	05.48	35.035	27.67		1482.1							
	08S	005.94	04.95	34.974	27.68		1480.7							
	STD	005.00	04.95	34.97	27.68	00.508	1480.7							
	08S	006.29	05.07	35.011	27.70		1481.7							
	08S	006.49	04.98	35.005	27.70		1481.6							
	08S	006.99	04.77	34.984	27.71		1481.6							
	STD	007.00	04.75	34.98	27.71	00.558	1481.5							
	08S	007.45	04.27	34.923	27.72		1480.7							
	08S	007.53	04.55	34.974	27.73		1481.6							
	STD	008.00	04.35	34.95	27.73	00.603	1481.4							
	08S	008.19	04.25	34.932	27.73		1481.4							
	08S	008.30	04.59	34.998	27.74		1483.0							
	08S	008.60	04.33	34.957	27.73		1482.4							
	08S	008.99	04.44	34.996	27.76		1483.6							
	STD	009.00	04.44	35.00	27.76	00.649	1483.6							
	08S	009.52	04.27	34.962	27.75		1483.7							
	STD	010.00	04.27	34.96	27.75	00.694	1484.5							
	08S	010.00	04.27	34.964	27.75		1484.5							
	08S	010.41	04.17	34.956	27.75		1484.8							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972—18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 3296 YEAR 1972 MONTH 04 SHIP 15703574 AIR TEMP 03.0 DIR HGT PER 25 2 2 WIND-DIR 32 INST STD RECORDER TEN SJ 1306
 CONSID 0337 DATE 12 DATA USE 1 BAROMETR 1022.0 SEA SURF WIND-DIR 00.0 TRACF DIR 00.0 5 SQUARE 2
 LAT 44 26 N DAY 12 HOUR 11.3 AREA 05 CLOUD TZA CLZTR WATHER 02 OBS TTP 113 03.4 2 SQUARE 66 1 SQUARE 47

CASSTNUM/TIME	LVLCTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	XYG	P14	TOT P	QJ2	NO3	S133	PH
11.3	STD	000.00	25.61	33.44	25.74	00.000	1472.0							
	HRS	000.01	25.61	33.477	25.74		1472.0							
	HRS	000.07	25.63	33.492	25.74		1472.2							
	STD	000.10	25.78	34.08	26.88	00.013	1473.2							
	HRS	000.11	25.90	34.165	26.93		1473.8							
	HRS	000.17	26.59	34.315	26.94		1477.2							
	STD	000.20	27.13	34.38	25.93	00.024	1474.1							
	HRS	000.21	27.18	34.385	26.93		1479.3							
	HRS	000.26	28.10	34.529	26.91		1483.1							
	STD	000.30	28.14	34.54	26.91	00.036	1483.3							
	HRS	000.32	28.16	34.547	26.91		1483.5							
	STD	000.35	28.20	34.58	26.95	00.059	1483.5							
	HRS	000.51	28.09	34.585	26.95		1483.6							
	HRS	000.53	28.14	34.593	26.95		1483.3							
	STD	000.75	27.90	34.56	26.96	00.086	1483.2							
	HRS	000.76	27.82	34.557	26.96		1483.2							
	HRS	000.85	28.12	34.640	25.99		1494.3							
	HRS	000.96	27.43	34.515	25.99		1481.9							
	HRS	000.98	27.31	34.503	26.99		1481.6							
	STD	001.00	27.40	34.51	26.99	00.114	1481.6							
	HRS	001.04	27.35	34.521	27.01		1481.5							
	HRS	001.09	27.13	34.535	27.06		1480.8							
	HRS	001.25	29.04	35.093	27.20		1489.0							
	STD	001.25	29.16	35.11	27.20	00.130	1489.5							
	HRS	001.26	29.30	35.135	27.19		1490.1							
	HRS	001.27	29.44	35.152	27.18		1490.7							
	HRS	001.47	27.45	35.141	27.17		1490.4							
	HRS	001.45	28.97	35.033	27.17		1489.0							
	HRS	001.54	28.90	35.005	27.16		1488.8							
	STD	001.50	28.47	35.00	27.16	00.162	1488.7							
	HRS	001.62	28.62	34.950	27.16		1487.9							
	HRS	001.65	28.23	34.990	27.17		1486.6							
	HRS	001.70	27.97	34.967	27.14		1485.4							
	HRS	001.73	27.66	34.854	27.23		1484.3							
	HRS	001.76	27.59	34.854	27.24		1484.0							
	HRS	001.95	26.97	34.733	27.23		1481.4							
	HRS	001.99	26.75	34.685	27.23		1479.9							
	STD	002.00	26.48	34.76	27.26	00.207	1481.6							
	HRS	002.05	27.24	34.916	27.34		1483.3							
	HRS	002.09	27.20	34.970	27.31		1483.1							
	HRS	002.15	26.60	34.747	27.33		1480.7							
	HRS	002.18	26.50	34.792	27.33		1480.7							
	HRS	002.25	26.21	34.724	27.33		1479.3							
	HRS	002.34	25.07	34.746	27.360		1478.9							
	HRS	002.37	26.13	34.757	27.370		1478.8							
	HRS	002.40	26.07	34.670	27.30		1476.8							
	HRS	002.43	25.57	34.615	27.32		1476.9							
	STD	002.50	25.40	34.65	27.38	00.247	1476.3							
	HRS	002.50	25.40	34.655	27.38		1476.3							
	HRS	002.63	25.29	34.667	27.40		1476.1							
	HRS	002.67	25.29	34.752	27.45		1476.7							
	HRS	002.70	25.62	34.777	27.45		1477.7							
	HRS	002.73	25.70	34.74	27.41		1474.5							
	HRS	002.82	25.48	34.813	27.43		1477.4							
	HRS	002.85	25.55	34.753	27.44		1478.0							
	HRS	002.87	25.58	34.794	27.47		1478.0							
	STD	003.00	25.50	34.40	27.47	00.282	1478.1							
	HRS	003.01	25.65	34.499	27.54		1479.3							
	HRS	003.05	25.28	34.870	27.56		1478.2							
	STD	003.00	25.21	34.91	27.60	00.342	1478.3							
	HRS	003.01	25.20	34.915	27.61		1478.3							
	HRS	003.26	25.44	35.036	27.68		1479.5							
	HRS	003.50	25.73	35.065	27.66		1481.5							
	HRS	003.76	25.13	34.764	27.65		1479.5							
	STD	003.00	24.47	34.48	27.68	00.394	1479.1							
	HRS	003.00	24.47	34.476	27.68		1479.1							
	HRS	003.07	24.90	34.976	27.69		1479.3							
	HRS	003.54	24.40	34.767	27.65		1479.4							
	HRS	003.60	24.71	34.970	27.71		1474.4							
	STD	003.00	24.73	34.93	27.72	00.441	1479.3							
	HRS	003.03	24.73	34.986	27.72		1474.8							
	HRS	003.22	24.73	34.988	27.72		1480.3							
	HRS	003.57	24.64	34.983	27.72		1480.6							
	HRS	003.75	24.52	34.979	27.72		1480.6							
	STD	003.00	24.53	34.96	27.72	00.485	1480.9							
	HRS	003.02	24.52	34.964	27.72		1480.6							
	HRS	003.41	24.47	34.964	27.73		1480.8							
	HRS	003.43	24.44	34.957	27.73		1481.0							
	HRS	003.74	24.32	34.943	27.73		1480.7							
	STD	004.00	24.22	34.94	27.73	00.533	1480.3							
	HRS	004.00	24.22	34.929	27.73		1480.9							
	HRS	004.24	24.13	34.921	27.73		1480.9							
	HRS	004.49	24.22	34.927	27.73		1481.7							
	HRS	004.73	24.29	34.954	27.74		1482.4							
	STD	005.00	24.20	34.93	27.73	00.578	1482.5							
	HRS	005.02	24.19	34.934	27.74		1482.5							
	HRS	005.25	24.10	34.935	27.74		1482.7							
	HRS	005.48	24.10	34.930	27.74		1482.7							
	HRS	005.54	24.10	34.932	27.74		1483.1							
	STD	006.00	24.14	34.950	27.75	00.624	1483.0							
	HRS	006.00	24.20	34.95	27.75		1484.2							
	HRS	010.00	24.20	34.950	27.75		1484.3							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972—18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REF ID: A1 8296 YEAR 1972 STATION 03393 AIR TEMP 05.4 DIR WGT PER 27 2 2 WIND-10 15 INST STD RECORDER T-N 53 1306
 CHNSOC 3058 MONTH 04 SHIP EV WLT (ULB 05+0 WLT 2 2 2 WIND-50 37 TRACE DIR) 5 SQUARE 2
 LAT 44 26 N DAY 12 DATA USE 1 BAROMETR 1077.4 SEA CLZTR WIND-COR 00.2 2 SQUARE 48
 LONG 048 07 W HOUR 13.7 AREA 05 CLOUD T/A CLZTR WIND-COR 01 ORIG TTP 11) 1 SQUARE 48

CASSTNO/TIME	LVLTYP	DEPTH	TEMP	SAL	SI, SA-T	GYNPTH	STD VEL	DRYG	P34	TOT P	W32	NO3	SE33	P4
13.7	DBS	00317	20.87	33.465	25.44		1451.4							
	STD	00220	20.70	33.52	26.40		1450.7							
	DBS	00320	20.64	33.529	26.41		1450.7							
	DBS	00324	20.92	33.653	25.49		1452.1							
	STD	00330	21.11	33.66	26.90		1453.0							
	DBS	00331	21.26	33.673	25.98		1453.7							
	STD	00350	21.73	33.71	25.98		1456.3							
	DBS	00351	21.81	33.716	26.98		1456.5							
	DBS	00374	22.26	33.797	27.01		1459.0							
	STD	00375	22.24	33.41	27.02		1459.1							
	DBS	00377	22.36	33.450	27.04		1459.5							
	DBS	00383	22.73	33.397	27.05		1461.3							
	DBS	00394	22.66	33.481	27.04		1461.2							
	STD	01100	21.77	33.31	27.06		1457.2							
	DBS	00103	21.51	33.785	27.06		1456.1							
	DBS	00104	21.65	33.776	27.04		1456.3							
	DBS	00114	20.78	33.751	27.03		1453.1							
	STD	00125	20.29	33.97	27.20		1451.1							
	DBS	00132	20.31	33.952	27.23		1451.1							
	DBS	00149	20.40	33.993	27.24		1452.2							
	STD	00157	20.41	33.99	27.20		1452.2							
	DBS	00174	20.34	34.098	27.35		1454.7							
	DBS	00186	21.04	34.161	27.39		1455.9							
	STD	00200	21.30	34.23	27.43		1457.4							
	DBS	00205	21.47	34.266	27.45		1458.3							
	DBS	00221	22.00	34.379	27.49		1461.5							
	STD	00250	23.44	34.53	27.49		1463.0							
	DBS	00252	23.67	34.538	27.44		1464.1							
	DBS	00267	23.32	34.571	27.53		1467.9							
	DBS	00277	23.47	34.747	27.61		1471.0							
	STD	00300	24.75	34.86	27.62		1474.7							
	DBS	00312	25.02	34.906	27.67		1476.1							
	DBS	00324	25.18	34.937	27.63		1477.1							
	DBS	00361	25.24	34.972	27.64		1478.1							
	DBS	00390	25.16	34.975	27.66		1474.1							
	STD	00400	25.15	34.98	27.66		1478.2							
	DBS	00407	25.14	34.981	27.66		1478.3							
	DBS	00422	24.99	34.481	27.68		1477.9							
	DBS	00435	24.94	34.990	27.59		1478.1							
	DBS	00469	24.82	34.981	27.70		1478.2							
	STD	00500	24.76	34.98	27.71		1478.2							
	DBS	00500	24.76	34.981	27.71		1478.2							
	DBS	00544	24.73	34.990	27.72		1478.9							
	STD	00600	24.67	35.00	27.74		1479.6							
	DBS	00600	24.67	35.001	27.74		1479.6							
	DBS	00636	24.54	34.985	27.74		1479.6							
	DBS	00678	24.65	35.004	27.74		1480.8							
	DBS	00694	24.55	34.985	27.74		1480.6							
	STD	00700	24.54	34.99	27.74		1480.7							
	DBS	00744	24.46	34.988	27.75		1481.1							
	STD	00800	24.39	34.99	27.76		1481.7							
	DBS	00817	24.35	34.985	27.76		1481.9							
	STD	00900	24.23	34.97	27.76		1482.7							
	DBS	00900	24.23	34.970	27.76		1482.7							
	DBS	00749	24.14	34.962	27.76		1483.1							
	STD	01000	24.12	34.95	27.76		1483.9							
	DBS	01000	24.12	34.950	27.76		1483.8							
	DBS	01033	24.07	34.953	27.76		1484.2							
	DBS	01051	24.07	34.953	27.76		1484.5							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296 YEAR 1972 STIDP 02#00 AIR TEMP 03-9 DIR HGT PER WIND-DIR 12 INST STD RECORDER TEN SQ 1306
 CONSEC 0030 MONTH 04 SHIP EV WET HULR 03.3 28 3 2 WIND-SPO 12 TRACE DIR) 5 SQUARE 2
 LAT 44 30 N DAY 12 DATA USE 1 BARO4FTR 1020.0 SEA WIND-FIR DURATI IN 03.1 7 SQUARE 48
 LONG 049 25 W HDJR 15.4 APEA 75 (CLOU) T/A CL/TR WEA4FTR X2 0275 TIP 110 1 SQUARE 48

CSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	SYN DPTH	SND VEL	OXYG	PTK	TOT P	NO2	NO3	SI33	PH
15.9	STD	00000	20.46	33.26	26.71	00.000	1449.0							
	IBS	00000	20.46	33.265	26.71		1449.0							
	STD	00010	20.70	33.40	26.80	00.013	1450.4							
	IBS	00015	20.74	33.427	26.92		1450.7							
	STD	00020	20.72	33.41	26.80	00.026	1450.7							
	IBS	00021	20.72	33.401	26.80		1450.7							
	IBS	00024	20.42	33.508	26.90		1447.5							
	IBS	00027	20.60	33.566	26.94		1450.5							
	STD	00030	20.55	33.62	26.98	00.037	1451.4							
	IBS	00034	20.47	33.719	27.07		1450.2							
	IBS	00039	22.42	33.890	27.07		1459.2							
	IBS	00042	22.93	33.910	27.04 *	00.059	1461.5							
	STD	00050	23.13	33.96	27.07		1462.6							
	IBS	00059	23.75	33.994	27.03 *		1465.4							
	IBS	00063	24.20	33.998	26.99 *		1467.4							
	IBS	00071	22.95	33.822	26.97		1462.0							
	STD	00075	23.69	33.84	26.92 *	00.085	1465.2							
	IBS	00077	23.81	33.855	26.92		1465.8							
	IBS	00086	21.20	33.617	26.94		1454.2							
	IBS	00089	20.84	33.783	27.10		1452.9							
	IBS	00092	20.61	33.779	27.11		1451.9							
	STD	00100	20.43	33.74	27.09	00.112	1451.2							
	IBS	00102	20.36	33.729	27.08		1453.9							
	IBS	00106	20.22	33.802	27.15		1450.4							
	IBS	00112	20.07	34.040	27.35		1450.1							
	IBS	00115	20.50	34.31 P	27.540									
	IBS	00118	21.47	34.46 P	27.609									
	IBS	00121	22.24	34.49 P	27.570*	00.134	1461.8							
	STD	00125	22.59	34.20	27.31 *		1463.1							
	IBS	00128	22.94	34.294	27.36		1464.2							
	IBS	00132	23.05	34.419	27.44		1465.7							
	IBS	00134	23.39	34.435	27.42		1466.9							
	IBS	00145	23.52	34.40 P	27.380*	00.152	1467.4							
	IBS	00148	23.62	34.461	27.40		1468.2							
	STD	00150	23.71	34.46	27.41		1470.1							
	IBS	00154	23.88	34.496	27.42		1470.1							
	IBS	00164	23.87	34.53 P	27.450		1467.2							
	IBS	00167	24.13	34.53 P	27.420*									
	IBS	00173	24.23	34.531	27.41		1470.1							
	IBS	00186	24.21	34.491	27.38 *		1470.1							
	IBS	00193	23.53	34.375	27.36		1467.2							
	IBS	00196	23.32	34.378	27.38		1466.4							
	STD	00200	23.23	34.38	27.39	00.187	1466.0							
	IBS	00200	23.22	34.44 P	27.440									
	IBS	00207	24.11	34.53 P	27.420									
	IBS	00211	23.49	34.391	27.38 *		1467.4							
	IBS	00220	22.22	34.389	27.49		1462.0							
	IBS	00224	22.25	34.417	27.51		1462.3							
	IBS	00248	22.47	34.503	27.56		1463.7							
	STD	00250	22.51	34.51	27.56	00.219	1463.9							
	IBS	00276	22.97	34.613	27.60		1466.5							
	STD	00300	23.20	34.63	27.59	00.246	1467.9							
	IBS	00300	23.21	34.632	27.59		1468.0							
	IBS	00325	23.40	34.703	27.63		1469.3							
	IBS	00349	23.54	34.742	27.65		1470.3							
	IBS	00372	23.80	34.806	27.67		1472.0							
	STD	00400	23.92	34.83	27.68	00.295	1472.9							
	IBS	00400	23.92	34.835	27.68		1472.9							
	IBS	00426	24.10	34.860	27.69		1474.1							
	IBS	00453	24.12	34.870	27.69		1474.7							
	IBS	00480	24.18	34.888	27.70		1475.4							
	STD	00500	24.15	34.89	27.70	00.340	1475.6							
	IBS	00505	24.15	34.889	27.70		1475.7							
	IBS	00531	24.17	34.905	27.71		1476.2							
	IBS	00556	24.25	34.920	27.72		1477.0							
	IBS	00573	24.46	34.978	27.74		1478.2							
	IBS	00599	24.62	34.978	27.72		1479.3							
	STD	00600	24.62	34.98	27.72	00.385	1479.3							
	IBS	00626	24.56	34.984	27.73		1479.5							
	IBS	00651	24.52	34.982	27.74		1479.8							
	IBS	00678	24.48	34.978	27.74		1480.0							
	STD	00700	24.45	34.98	27.74	00.430	1480.3							
	IBS	00753	24.36	34.975	27.75		1480.8							
	STD	00800	24.26	34.96	27.75	00.474	1481.1							
	IBS	00835	24.25	34.960	27.75		1481.2							
	IBS	00854	24.12	34.947	27.75		1481.4							
	STD	00900	24.04	34.94	27.76	00.518	1481.8							
	IBS	00933	24.02	34.937	27.76		1481.4							
	IBS	00950	24.02	34.938	27.76		1482.6							
	IBS	00999	24.00	34.940	27.76		1483.3							
	STD	01000	24.00	34.94	27.76	00.562	1483.3							
	IBS	01036	23.96	34.936	27.76		1484.1							

TABLE XIII.— Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31 8296.—Continued

REF ID: 31 8296 YEAR: 1972 BOTOM: 00460 AIR TEMP: 02.2 DIR HGT PER: WIND-DIR: 12 INST SYS REC'D: 00000000 TEN SJ: 1305
 CONSEC: 0040 MONTH: 04 SHIP EV: WET BOLA: 01.1 10 2 2 WIND-SPO: 12 TRACE DIR: 5 SJ: 00000000 2
 LAT: 44 32 N DAY: 12 DATA USE: 1 BAROMETR: 1014.2 STA: WIND-FOR: DURATION: 01.3 2 SJ: 00000000 48
 LONG: 049 52 W HOUR: 18.5 AREA: 35 (LID): T/A C/TIP: WEATHER: 22 DRIFT: 11P 110 1 SJ: 00000000 48

CASINUM/TIME	DEPTH	TEMP	SAL	SIGMA-T	SYNDEPTH	SND VEL	DRYG	P14	TOT P	NO2	NO3	S103	P4
18.8	ST0 00000	- 0.59	33.00	26.54	00.000	1443.4							
	18S 00032	- 0.59	32.996	26.54		1443.8							
	ST0 00010	- 0.63	32.99	26.54	00.015	1443.7							
	ST0 00020	- 0.58	32.98	26.53	00.030	1443.7							
	18S 00024	- 0.70	32.974	26.52		1443.6							
	18S 00027	- 0.83	32.968	26.52		1443.1							
	ST0 00030	- 1.00	32.98	26.54	00.045	1442.3							
	18S 00033	- 1.02	32.977	26.54		1442.2							
	ST0 00050	- 1.22	33.11	26.65	00.074	1441.8							
	18S 00050	- 1.22	33.107	26.65		1441.8							
	18S 00073	- 1.25	33.134	26.67		1442.1							
	ST0 00075	- 1.25	33.14	26.67	00.109	1442.1							
	18S 00098	- 1.23	33.172	26.70		1442.7							
	ST0 00100	- 1.23	33.17	26.70	00.143	1442.7							
	ST0 00125	- 1.20	33.20	26.72	00.176	1443.3							
	18S 00126	- 1.20	33.199	26.72		1443.3							
	ST0 00150	- 1.15	33.21	26.73	00.209	1443.9							
	18S 00152	- 1.15	33.219	26.74		1444.0							
	18S 00173	- 1.19	33.306	26.81		1446.5							
	18S 00180	- 1.03	33.468	26.93		1446.5							
	18S 00190	- 1.45	33.503	26.97		1443.9							
	ST0 00200	- 1.44	33.51	26.98	00.269	1443.8							
	18S 00202	- 1.45	33.544	27.01		1443.9							
	18S 00208	- 1.35	33.577	27.03		1446.5							
	18S 00215	- 1.06	33.657	27.09		1446.1							
	18S 00227	00.47	33.785	27.12		1453.5							
	18S 00244	00.01	33.462	27.21		1451.9							
	ST0 00250	00.03	33.47	27.21	00.317	1452.0							
	18S 00266	00.24	33.468	27.28		1453.5							
	18S 00271	00.34	33.489	27.29		1453.7							
	18S 00276	00.61	34.137	27.40		1455.4							
	ST0 00300	02.22	34.44	27.53	00.353	1463.4							
	18S 00300	02.25	34.443	27.53		1463.6							
	18S 00323	02.45	34.446	27.51		1466.8							
	18S 00344	02.58	34.483	27.53		1465.8							
	18S 00374	02.72	34.510	27.54		1466.9							
	18S 00393	03.11	34.626	27.60		1469.2							
	ST0 00400	03.11	34.63	27.60	00.407	1469.2							
	18S 00425	03.44	34.668	27.60		1471.1							
	18S 00443	03.43	34.672	27.60		1471.4							
	18S 00477	03.48	34.722	27.64		1472.1							
	ST0 00500	03.50	34.74	27.64	00.460	1473.0							
	18S 00530	03.60	34.744	27.65		1473.1							
	18S 00526	03.92	34.835	27.68		1475.0							
	18S 00557	04.00	34.852	27.69		1475.8							
	18S 00575	03.97	34.858	27.70		1476.0							
	18S 00599	03.99	34.865	27.70		1476.5							
	ST0 00600	03.99	34.87	27.70	00.508	1476.5							
	18S 00527	04.00	34.868	27.70		1477.0							
	18S 00551	04.02	34.874	27.71		1477.5							
	18S 00674	04.01	34.875	27.71		1477.9							
	ST0 00700	04.08	34.89	27.71	00.554	1478.6							
	18S 00702	04.08	34.891	27.71		1478.6							
	18S 00725	04.07	34.890	27.71		1479.0							
	18S 00751	04.01	34.895	27.72		1479.2							
	18S 00775	03.99	34.897	27.73		1479.5							
	ST0 00800	03.97	34.90	27.73	00.600	1479.8							
	18S 00800	03.97	34.895	27.73		1479.8							
	18S 00839	03.97	34.894	27.73		1480.0							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296 YEAR 1972 STIDP 00294 AIR TEMP 02.2 DIR HGT PER WIND-DIR 14 INST STD RECORDER TEN SQ 1306
 CONSEC 0041 MONTH 04 SHIP EV WET BULB 01.7 10 2 2 WIND-SPD 13 TRACE DIR 0 5 SQUARE 2
 LAT 44 35 N DAY 12 DATA USE 1 BAROMETR 1017.5 SEA WIND-FIR DIRECTION 00.1 2 SQUARE 48
 LONG 049 02 W HOUR 20.4 AREA 05 CLOUD TZA CL/TR WEATHER? X? GTS 110 110 1 SQUARE 49

CASSTIM/TIME	LEVEL	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	DRYG	P14	TOT P	N02	N03	S133	PH
20.3	STD	00003	- 0.48	32.94	26.49	00.000	1444.2							
	URS	00003	- 0.44	32.943	26.49		1444.3							
	STD	00010	- 0.50	32.93	26.48	00.016	1444.3							
	URS	00011	- 0.55	32.924	26.48		1444.1							
	URS	00014	- 0.74	32.895	26.46		1442.7							
	URS	00017	- 0.94	32.949	26.54		1442.4							
	STD	00020	- 0.99	33.02	26.57	00.031	1442.3							
	URS	00022	- 1.02	33.031	26.58		1442.2							
	STD	00030	- 1.06	33.05	26.60	00.045	1442.2							
	URS	00030	- 1.05	33.049	26.60		1442.2							
	STD	00050	- 1.09	33.06	26.61	00.074	1442.4							
	URS	00052	- 1.09	33.065	26.61		1442.4							
	STD	00075	- 1.15	33.09	26.63	00.110	1442.5							
	URS	00075	- 1.15	33.093	26.63		1442.5							
	STD	00100	- 1.15	33.12	26.65	00.145	1443.0							
	URS	00100	- 1.15	33.117	26.65		1443.0							
	STD	00125	- 1.15	33.16	26.69	00.179	1443.5							
	URS	00125	- 1.15	33.160	26.69		1443.5							
	STD	00150	- 1.21	33.17	26.70	00.213	1443.6							
	URS	00156	- 1.23	33.189	26.71		1443.7							
	URS	00175	- 1.17	33.262	26.77		1444.3							
	STD	00200	- 0.92	33.48	26.94	00.274	1446.2							
	URS	00200	- 0.91	33.488	26.95		1446.3							
	URS	00209	- 0.76	33.604	27.03		1447.3							
	URS	00217	- 0.39	33.689	27.09		1449.3							

REFID 31 8296 YEAR 1972 STIDP 00062 AIR TEMP 02.2 DIR HGT PER WIND-DIR 14 INST STD RECORDER TEN SQ 1306
 CONSEC 0042 MONTH 04 SHIP EV WET BULB 01.7 27 2 2 WIND-SPD 15 TRACE DIR 0 5 SQUARE 2
 LAT 44 36 N DAY 12 DATA USE 1 BAROMETR 1009.5 SEA WIND-FIR DIRECTION 00.1 2 SQUARE 48
 LONG 049 03 W HOUR 21.1 AREA 05 CLOUD TZA CL/TR WEATHER? X? GTS 110 110 1 SQUARE 49

CASSTIM/TIME	LEVEL	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	DRYG	P14	TOT P	N02	N03	S133	PH
21.1	STD	00000	- 0.41	32.94	26.49	00.000	1444.5							
	URS	00000	- 0.41	32.944	26.49		1444.6							
	STD	00010	- 0.44	32.93	26.47	00.016	1444.5							
	URS	00020	- 0.47	32.91	26.46	00.031	1444.5							
	STD	00030	- 0.51	32.90	26.46	00.047	1444.5							
	URS	00036	- 0.53	32.894	26.45		1444.5							
	URS	00032	- 0.86	32.393	26.46		1443.0							
	URS	00042	- 0.99	33.016	26.57		1442.0							
	URS	00044	- 1.02	33.063	26.61		1442.7							
	STD	00050	- 1.02	33.07	26.61	00.077	1442.7							
	URS	00050	- 1.02	33.075	26.62		1442.7							
	URS	00055	- 1.02	33.084	26.62		1442.9							

REFID 31 8296 YEAR 1972 STIDP 00062 AIR TEMP 02.2 DIR HGT PER WIND-DIR 14 INST STD RECORDER TEN SQ 1306
 CONSEC 0043 MONTH 04 SHIP EV WET BULB 01.9 10 3 2 WIND-SPD 20 TRACE DIR 0 5 SQUARE 2
 LAT 44 34 N DAY 12 DATA USE 1 BAROMETR 1007.4 SEA WIND-FIR DIRECTION 00.1 2 SQUARE 48
 LONG 049 14 W HOUR 21.4 AREA 05 CLOUD TZA CL/TR WEATHER? X? GTS 110 110 1 SQUARE 49

CASSTIM/TIME	LEVEL	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	DRYG	P14	TOT P	N02	N03	S133	PH
21.4	STD	00000	- 0.20	32.95	26.49	00.000	1445.1							
	URS	00000	- 0.20	32.950	26.49		1445.1							
	STD	00010	- 0.30	32.95	26.49	00.016	1445.2							
	URS	00010	- 0.30	32.955	26.49		1445.2							
	URS	00015	- 0.32	32.955	26.49		1445.2							
	STD	00020	- 0.55	32.92	26.47	00.031	1444.2							
	URS	00020	- 0.55	32.920	26.47		1444.2							
	URS	00025	- 0.94	33.060	26.50		1442.7							
	STD	00030	- 0.93	33.09	26.53	00.045	1442.6							
	URS	00030	- 0.92	33.095	26.53		1442.6							
	STD	00050	- 0.90	33.09	26.63	00.074	1442.7							
	URS	00050	- 0.90	33.095	26.63		1442.7							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31 8296, Continued

REF ID: A1 4296 YEAR: 1972 HSTID: 00062 AIR TEMP: 01.7 DIR HGT PER: 27 2 2 WIND-DIR: 13 INST STD RECORDER: TEN SQ: 1306
 CONSEC: 0344 MONTH: 04 SHIP EV: MET TULR: 01.1 WIND-SPD: 14 TRACE DIR: 0 5 SQUARE: 2
 LAT: 44 38 N DAY: 12 DATA USE: 1 BAROMETR: 1007.1 SEA: WIND-FJR: DURATION: 00.1 2 SQUARE: 49
 LONG: 043 23 W HOUR: 22.6 AREA: 05 CLOUD T/A: CLTR: WEATHER: 05 ORIG IIP: 110 1 SQUARE: 49

CASID	TIME	LVLTYP	DEPTH	TEMP	SAL	STGMA-T	DYNDEPTH	SND VEL	XYG	P14	TOT P	NO2	NO3	SI13	P4
22.6		STD	00000	- 0.27	32.97	26.50	00.003	1445.2							
		MS	00000	- 0.27	32.970	26.50		1445.2							
		STD	00010	- 0.27	32.98	26.51	00.015	1445.4							
		MS	00010	- 0.27	32.980	26.51		1445.4							
		STD	00020	- 0.27	32.98	26.51	00.031	1445.6							
		MS	00020	- 0.27	32.980	26.51		1445.6							
		STD	00030	- 0.54	33.01	26.55	00.045	1444.5							
		MS	00030	- 0.54	33.010	26.55		1444.5							
		STD	00050	- 0.62	33.03	26.57	00.075	1444.5							
		MS	00050	- 0.62	33.030	26.57		1444.5							

REF ID: A1 4296 YEAR: 1972 HSTID: 00064 AIR TEMP: 02.2 DIR HGT PER: 32 5 3 WIND-DIR: 31 INST STD RECORDER: TEN SQ: 1306
 CONSEC: 0345 MONTH: 04 SHIP EV: MET TULR: 01.7 WIND-SPD: 14 TRACE DIR: 0 5 SQUARE: 2
 LAT: 44 02.0N DAY: 16 DATA USE: 1 BAROMETR: 1011.5 SEA: WIND-FJR: DURATION: 00.1 2 SQUARE: 48
 LONG: 044 27.0W HOUR: 13.3 AREA: 05 CLOUD T/A: CLTR: WEATHER: 01 ORIG IIP: 110 1 SQUARE: 49

CASID	TIME	LVLTYP	DEPTH	TEMP	SAL	STGMA-T	DYNDEPTH	SND VEL	XYG	P14	TOT P	NO2	NO3	SI13	P4
13.3		STD	00000	00.03	33.04	26.55	00.000	1446.7							
		MS	00000	00.03	33.044	26.55		1446.7							
		MS	00007	00.01	33.034	26.54		1446.7							
		STD	00010	00.03	33.04	26.55	00.015	1446.7							
		MS	00010	00.00	33.039	26.55		1446.7							
		STD	00020	- 0.01	33.037	26.55		1446.7							
		MS	00020	- 0.00	33.036	26.54	00.030	1446.7							
		STD	00030	- 0.01	33.035	26.54	00.045	1447.0							
		MS	00030	- 0.01	33.035	26.54		1447.0							
		MS	00039	- 0.01	33.037	26.55		1447.2							
		MS	00044	- 0.01	33.001	26.52		1447.2							

REF ID: A1 4296 YEAR: 1972 HSTID: 00060 AIR TEMP: 03.3 DIR HGT PER: 32 5 3 WIND-DIR: 31 INST STD RECORDER: TEN SQ: 1306
 CONSEC: 0347 MONTH: 04 SHIP EV: MET TULR: 02.8 WIND-SPD: 14 TRACE DIR: 0 5 SQUARE: 2
 LAT: 43 52 N DAY: 15 DATA USE: 1 BAROMETR: 1011.5 SEA: WIND-FJR: DURATION: 00.1 2 SQUARE: 28
 LONG: 043 15 W HOUR: 14.2 AREA: 05 CLOUD T/A: CLTR: WEATHER: 01 ORIG IIP: 110 1 SQUARE: 39

CASID	TIME	LVLTYP	DEPTH	TEMP	SAL	STGMA-T	DYNDEPTH	SND VEL	XYG	P14	TOT P	NO2	NO3	SI13	P4
14.2		STD	00000	- 0.34	33.03	26.55	00.003	1445.0							
		MS	00000	- 0.34	33.027	26.55		1445.0							
		MS	00009	- 0.34	33.027	26.55		1445.1							
		STD	00010	- 0.34	33.03	26.55	00.015	1445.1							
		STD	00020	- 0.34	33.03	26.55	00.030	1445.1							
		MS	00020	- 0.34	33.027	26.55		1445.1							
		STD	00030	- 0.34	33.02	26.55	00.045	1445.2							
		MS	00030	- 0.34	33.024	26.55		1445.2							
		MS	00034	- 0.40	33.028	26.56		1445.3							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972—18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296 YEAR 1972 BOTOP 00201 AIP TEMP 01.9 OIR HGT PER WIND-DIR 31 INST STD RECORDER TEN SQ 1306
 CONSEC 0047 MONTH 04 SHIP EV WFT BULB 03.3 32 5 3 WIND-SPO 13 TRACE OIR 0 5 SQUARE 2
 LAT 43 57 N DAY 16 DATA USE 1 BAROMETR 1010.8 SEA WIND-FDR 07.1 2 SQUARE 28
 LONG 049 10 W HOUR 15.3 AREA 05 CLOUD T/A CL/TR WEATHER XL ORIG IIP 110 1 SQUARE 39

CASNUM/TIME	LVLTY	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SNO VEL	OXYG	P14	TOT P	N02	N03	S13	PH
15.3	STD	00000	- 0.62	33.01	26.55	00.000	1443.7							
	DBS	00000	- 0.62	33.010	26.55		1443.7							
	DBS	00008	- 0.62	33.010	26.55		1443.8							
	STD	00010	- 0.64	33.00	26.54	00.015	1443.7							
	DBS	00010	- 0.64	33.000	26.54		1443.7							
	STD	00020	- 0.64	33.01	26.55	00.030	1443.9							
	DBS	00020	- 0.64	33.010	26.55		1443.9							
	STD	00030	- 0.67	33.01	26.55	00.045	1443.9							
	DBS	00030	- 0.67	33.010	26.55		1443.9							
	DBS	00040	- 0.69	33.010	26.55		1444.0							
	STD	00050	- 0.73	33.01	26.55	00.075	1444.0							
	DBS	00050	- 0.73	33.010	26.55		1444.0							
	DBS	00064	- 1.11	33.110	26.65		1442.6							
	STD	00075	- 1.13	33.15	26.68	00.110	1442.7							
	DBS	00075	- 1.13	33.150	26.68		1442.7							
	DBS	00080	- 1.05	33.170	26.69		1443.2							

REFID 31 8296 YEAR 1972 BOTOP 00209 AIP TEMP 03.3 OIR HGT PER WIND-DIR 31 INST STD RECORDER TEN SQ 1306
 CONSEC 0048 MONTH 04 SHIP EV WFT BULB 02.8 32 5 3 WIND-SPO 15 TRACE OIR 0 5 SQUARE 2
 LAT 43 54 N DAY 16 DATA USE 1 BAROMETR 1010.8 SEA WIND-FDR 07.1 2 SQUARE 28
 LONG 049 32 W HOUR 15.3 AREA 05 CLOUD T/A CL/TR WEATHER XL ORIG IIP 110 1 SQUARE 39

CASNUM/TIME	LVLTY	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SNO VEL	OXYG	P14	TOT P	N02	N03	S13	PH
16.3	STD	00000	- 0.87	32.98	26.53	00.000	1442.5							
	DBS	00000	- 0.87	32.980	26.53		1442.5							
	STD	00010	- 0.88	32.98	26.53	00.015	1442.6							
	DBS	00010	- 0.88	32.980	26.53		1442.6							
	STD	00020	- 0.88	32.98	26.53	00.030	1442.7							
	DBS	00020	- 0.88	32.980	26.53		1442.7							
	STD	00030	- 0.90	32.98	26.54	00.045	1442.8							
	DBS	00030	- 0.90	32.980	26.54		1442.8							
	DBS	00040	- 0.95	33.000	26.55		1442.8							
	STD	00050	- 0.96	33.00	26.56	00.075	1442.9							
	DBS	00050	- 0.96	33.005	26.56		1442.9							
	DBS	00063	- 0.96	33.010	26.56		1443.1							
	STD	00075	- 1.12	33.06	26.61	00.112	1442.6							
	DBS	00075	- 1.12	33.060	26.61		1442.6							
	DBS	00085	- 1.27	33.230	26.75		1442.3							
	STD	00100	- 1.15	33.32	26.82	00.145	1443.3							
	DBS	00100	- 1.15	33.320	26.82		1443.3							
	DBS	00120	03.66	33.920	26.90		1465.8							
	STD	00125	02.35	33.60	26.85	00.176	1460.3							
	DBS	00135	00.45	33.480	26.88		1451.5							
	DBS	00140	- 0.15	33.580	26.99		1448.9							
	STD	00150	00.14	33.69	27.06	00.203	1450.6							
	DBS	00150	00.14	33.690	27.06		1450.6							
	DBS	00162	00.34	33.680	27.05		1451.7							
	DBS	00165	- 0.50	33.640	27.05		1447.8							
	DBS	00175	- 0.34	33.660	27.06		1446.8							
	DBS	00185	- 0.30	33.710	27.10		1449.2							
	STD	00200	00.46	33.91	27.22	00.250	1453.2							
	DBS	00200	00.46	33.910	27.22		1453.2							
	DBS	00225	00.91	34.035	27.30		1455.8							
	DBS	00240	01.22	34.115	27.34		1457.5							
	STD	00250	01.23	34.12	27.34	00.290	1457.8							
	DBS	00250	01.23	34.120	27.34		1457.8							
	DBS	00260	01.26	34.160	27.37		1458.1							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31 8296. Continued

REFID 31 8296 YEAR 1972 BUOY 00674 AIR TEMP 03.3 DIR HGT PER WIND-DIR 33 INST STD RECORDER TEN SJ 1306
 CONSEC 0049 MONTH 04 SHIP EV WET BULB 02.8 32 4 2 WIND-SPD 15 TRACE DIR 0 5 SJJARE 7
 LAT 43 53 N DAY 16 DATA USE 1 BAROMETR 1002.8 SEA WIND-FOR BURAI TN 03.2 2 SOJARE 28
 LONG 049 56 W HOUR 17.3 AREA 05 CLOUD TZA CLZTR WEATHER X7 DRG IIP 110 1 SOJARE 39

CAS/NUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SEI/M-A-T	DYN/DPTH	SND VEL	OXYG	P14	TOT P	NO2	NO3	SI13	P4
17.3	STI	00000	01.56	33.29	26.66	00.000	1454.0							
	Obs	00000	01.56	33.290	26.66		1454.0							
	Obs	00014	01.00	33.260	26.67		1451.5							
	STI	00010	01.54	33.28	26.65	00.014	1454.1							
	Obs	00019	01.60	33.320	26.68		1454.5							
	STI	00020	01.55	33.28	26.65 *	00.029	1454.2							
	Obs	00020	01.55	33.280	26.65		1454.2							
	STI	00030	00.81	33.48	26.86	00.041	1451.4							
	Obs	00030	00.81	33.480	26.86		1451.4							
	STI	00050	- 0.62	33.43	26.89	00.065	1445.1							
	Obs	00053	- 0.83	33.420	26.89		1444.1							
	STI	00075	03.69	33.94	27.00	00.093	1465.3							
	Obs	00075	03.69	33.940	27.00		1465.3							
	Obs	00082	03.72	33.970	27.01		1465.9							
	STI	00100	01.81	33.70	26.96 *	00.120	1457.3							
	STI	00125	- 0.24	33.56	26.98	00.147	1448.3							
	Obs	00125	- 0.24	33.560	26.98		1444.3							
	Obs	00131	- 0.61	33.570	27.00		1446.7							
	Obs	00146	01.61	33.760	27.03		1457.2							
	STI	00150	00.61	33.77	27.10	00.171	1452.8							
	Obs	00154	- 0.07	33.800	27.16		1449.9							
	Obs	00164	00.43	33.880	27.20		1452.7							
	Obs	00172	00.14	33.880	27.22		1451.3							
	STI	00200	01.09	34.12	27.35	00.216	1456.3							
	Obs	00200	01.09	34.120	27.35		1456.3							
	STI	00250	01.82	34.31	27.45	00.250	1460.6							
	Obs	00250	01.82	34.310	27.45		1461.6							
	Obs	00281	02.32	34.430	27.51		1463.5							
	Obs	00298	02.34	34.480	27.55		1463.9							
	STI	00300	02.41	34.52	27.58	00.280	1464.3							
	Obs	00304	02.79	34.580	27.59		1466.1							
	Obs	00305	03.10	34.600	27.58		1467.5							
	Obs	00332	05.04	34.900	27.61		1476.5							
	Obs	00354	05.32	34.950	27.62		1478.2							
	STI	00400	05.26	34.99	27.66	00.331	1478.7							
	Obs	00500	05.26	34.990	27.66		1478.7							
	Obs	00484	05.03	34.945	27.65		1479.0							
	Obs	00495	04.85	34.960	27.68		1478.4							
	STI	00500	04.83	34.97	27.70	00.379	1478.5							
	Obs	00500	04.83	34.975	27.70		1478.5							
	Obs	00515	04.84	34.970	27.69		1478.8							
	Obs	00552	04.51	34.920	27.69		1478.0							
	Obs	00563	04.23	34.890	27.70		1476.9							
	STI	00600	04.07	34.89	27.71	00.425	1476.9							
	Obs	00600	04.07	34.890	27.71		1476.9							
	Obs	00654	04.05	34.895	27.72		1477.7							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-S296.—Continued

REFID 31 4296 YEAR 1972 ROTOP 02542 AIP TEMP 01.9 01R HGT PER WIND-HIB 33 INST STD RECORDER TEM S2 1106
 CONSEC 0050 MONTH 04 SHIP EV WET HUB 01.3 32 3 7 WIND-SPD 13 TRACE 019 5 SQUARE 2
 LAT 43 43.04 DAY 16 DATA USE 1 HAPD4FT9 1010-2 SEA WIND-FUR DIRECTION 03.1 2 SQUARE 28
 LONG 048 34.04 HOUR 19.3 AREA 05 CLOUD T/A CLTRA WEATHER XI DIRS HIP 110 1 SQUARE 38

CSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SI54A-T	UYNDPTH	SND VEL	TXCG	014	107 0	Y02	Y03	S173	P4
19.3	STD	00000	03.70	33.67	26.78	00.000	1463.9							
	08S	00000	03.70	33.670	26.78		1463.8							
	STD	00010	03.70	33.67	26.78	00.013	1466.0							
	08S	00010	04.70	33.670	26.78		1466.0							
	STD	00020	03.70	33.67	26.78	00.026	1466.1							
	08S	00020	03.70	33.670	26.78		1466.1							
	STD	00030	03.68	33.67	26.78	00.038	1466.2							
	08S	00030	03.68	33.670	26.78		1466.2							
	STD	00050	03.68	33.69	26.80	00.064	1466.5							
	08S	00050	03.64	33.690	26.80		1466.5							
	08S	00062	03.67	33.700	26.81		1466.7							
	STD	00075	03.10	33.64	26.81	00.095	1467.4							
	08S	00075	03.10	33.64C	26.81		1467.4							
	STD	00100	02.36	33.94	27.12	00.123	1460.0							
	08S	00100	02.36	33.940	27.12		1460.0							
	08S	00107	02.31	33.950	27.13		1459.9							
	STD	00125	02.98	34.32	27.37	00.144	1463.7							
	08S	00125	02.98	34.320	27.37		1463.7							
	STD	00150	03.49	34.48	27.45	00.161	1466.5							
	08S	00150	03.49	34.480	27.45		1466.5							
	08S	00180	04.10	34.660	27.53		1467.8							
	08S	00184	04.11	34.660	27.53		1470.0							
	STD	00200	04.34	34.76	27.58	00.191	1471.3							
	08S	00200	04.34	34.760	27.58		1471.3							
	STD	00250	04.73	34.88	27.63	00.217	1473.9							
	08S	00250	04.73	34.880	27.63		1473.9							
	STD	00300	04.79	34.94	27.67	00.241	1475.0							
	08S	00300	04.79	34.940	27.67		1475.0							
	08S	00340	05.13	35.020	27.70		1477.2							
	08S	00370	04.81	34.960	27.69		1476.3							
	STD	00400	04.86	34.99	27.70	00.286	1477.0							
	08S	00400	04.86	34.990	27.70		1477.0							
	08S	00460	04.89	34.980	27.69		1478.1							
	STD	00500	04.71	34.98	27.71	00.331	1478.0							
	08S	00500	04.71	34.980	27.71		1478.0							
	STD	00500	04.38	34.96	27.74	00.375	1478.3							
	08S	00500	04.38	34.960	27.74		1478.3							
	STD	00700	04.28	34.96	27.75	00.418	1479.5							
	08S	00700	04.28	34.960	27.75		1479.5							
	STD	00800	04.32	34.98	27.76	00.462	1481.4							
	08S	00800	04.32	34.980	27.76		1481.4							
	STD	00900	04.13	34.95	27.75	00.506	1482.2							
	08S	00900	04.13	34.950	27.75		1482.2							
	STD	01000	03.95	34.93	27.76	00.550	1483.1							
	08S	01000	03.95	34.935	27.76		1483.1							

TABLE XIII.— Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.— Continued

PREFIX 31 8296 YEAR 1972 RCTOP 030R3 AIR TEMP 02.8 DIR HGT PFR WIND-DIR 22 INST STD RECORDER TEM SQ 1306
 CONSFL 0051 MONTH 04 SHIP EV WET SURF 01.7 32 1 2 WIND-SPD 13 TRACE DIR 0 5 SQUARE 2
 LAT 43 35 N DAY 16 DATA USE 1 WIND-MTR 1009.8 54 WIND-FJR DURATION 00.1 2 SQUARE 28
 LGN. 049 14 W HOUR 21.6 AREA 05 CLOUD TRA CLTR WEATHER KI DRIS IIP 110 1 SQUARE 38

CASINUM/TIME	LEVEL	DEPTH	TEMP	SAL	SIGMA-T	DYNDEP	S40 VEL	DRYG	P34	TOI P	NO2	NO3	S133	P4
21.6	STD	00300	04.14	33.09	25.28	00.000	1464.9							
	UBS	00002	04.14	33.090	25.28		1464.9							
	UBS	00009	04.14	33.087	25.27		1465.0							
	STD	00010	04.14	33.09	25.27	00.018	1465.0							
	UBS	00014	04.14	33.093	25.28		1465.1							
	STD	00020	04.14	33.09	25.28	00.035	1465.2							
	UBS	00020	04.14	33.092	25.28		1465.2							
	UBS	00024	04.14	33.082	25.27		1465.3							
	STD	00030	04.10	33.69	26.76	00.050	1466.0							
	UBS	00030	04.10	33.691	26.76		1466.0							
	UBS	00035	04.07	33.683	26.75		1466.0							
	UBS	00043	04.01	33.688	26.76		1465.9							
	STD	00050	03.94	33.69	26.77	00.076	1465.7							
	UBS	00054	03.89	33.687	25.78		1465.5							
	UBS	00062	04.19	33.960	26.96		1467.3							
	UBS	00069	03.82	33.916	26.96		1465.8							
	STD	00075	03.26	33.99	27.08	00.105	1463.6							
	UBS	00083	02.85	34.068	27.18		1462.1							
	UBS	00091	02.95	34.097	27.19		1462.7							
	UBS	00097	02.46	34.062	27.20		1460.7							
	STD	00100	02.55	34.13	27.25	00.128	1461.1							
	UBS	00100	02.56	34.135	27.26		1461.2							
	UBS	00119	03.45	34.269	27.28		1465.5							
	STD	00125	03.42	34.29	27.30	00.148	1465.5							
	UBS	00130	03.40	34.328	27.33		1465.5							
	UBS	00137	03.38	34.405	27.40		1465.7							
	STD	00150	03.76	34.46	27.40	00.187	1467.6							
	UBS	00150	03.78	34.460	27.40		1467.7							
	UBS	00159	04.14	34.514	27.41		1469.4							
	UBS	00164	04.21	34.506	27.39		1469.8							
	UBS	00185	04.95	34.692	27.46		1473.4							
	STD	00200	05.10	34.70	27.45	00.201	1474.3							
	UBS	00225	05.35	34.831	27.52		1475.9							
	UBS	00238	05.94	34.955	27.55		1478.7							
	STD	00250	05.71	34.97	27.55	00.232	1477.9							
	UBS	00250	05.71	34.919	27.55		1477.9							
	UBS	00267	05.45	34.891	27.56		1477.1							
	UBS	00291	04.63	34.817	27.59		1474.0							
	STD	00300	04.80	34.89	27.63	00.259	1475.0							
	UBS	00300	04.82	34.894	27.63		1475.1							
	UBS	00321	04.99	34.900	27.62		1476.1							
	UBS	00327	04.84	34.891	27.63		1475.6							
	UBS	00341	05.03	34.934	27.64		1476.7							
	UBS	00361	04.85	34.932	27.66		1476.3							
	UBS	00368	05.06	34.960	27.66		1477.3							
	UBS	00381	04.84	34.917	27.65		1476.5							
	UBS	00393	04.99	34.956	27.66		1477.4							
	STD	00400	04.97	34.95	27.67	00.308	1477.1							
	UBS	00450	04.47	34.928	27.70		1476.1							
	STD	00500	04.42	34.92	27.70	00.355	1476.8							
	UBS	00500	04.42	34.921	27.70		1476.8							
	UBS	00551	04.54	34.961	27.72		1478.1							
	UBS	00584	04.32	34.922	27.71		1477.7							
	UBS	00599	04.46	34.924	27.70		1478.6							
	STD	00600	04.46	34.93	27.70	00.402	1478.6							
	UBS	00641	04.45	34.935	27.71		1479.2							
	STD	00700	04.15	34.89	27.70	00.449	1478.9							
	UBS	00700	04.15	34.885	27.70		1478.9							
	UBS	00749	04.14	34.919	27.73		1479.7							
	STD	00800	04.11	34.92	27.73	00.495	1480.4							
	UBS	00801	04.11	34.922	27.73		1480.5							
	UBS	00847	04.06	34.917	27.74		1481.0							
	STD	00900	04.01	34.91	27.74	00.540	1481.7							
	UBS	00900	04.01	34.912	27.74		1481.7							
	UBS	00953	03.98	34.909	27.74		1482.4							
	UBS	00945	03.92	34.904	27.74		1482.9							
	STD	01000	03.92	34.90	27.74	00.586	1482.9							
	UBS	01062	03.84	34.906	27.74		1483.9							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

RFFID 31 9296 YEAR 1972 ROTDP 03658 AIR TEMP 07.8 DTP MGT PER #INO-DIP 23 INST STD RECORDER TEN S2 1306
 CONSEC 0052 MONTH 04 SHIP EV WET HULR 01.7 34 3 2 #INO-SPO 04 TRACE DIP 5 SQUAPE 2
 LAT 43 23 N DAY 16 DATA USE 1 BAPGMETR 1007.8 SEA #INO-FJR DURATION 07.3 2 SQUARE 26
 LONG 047 53 W HOUR 23.9 AREA 05 CLOUD T/A CL/TR WEATHER 11 ORIG IIP 110 1 SQUARE 37

CASINUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPH	SND VFL	JXYG	P14	TOT P	V02	V03	S133	P4
23.9	STO	0000J	06.33	34.11	26.83	00.000	1475.2							
	DBS	00000	06.33	34.110	26.83		1475.2							
	STO	0001J	06.50	34.20	26.88	00.012	1476.2							
	DBS	00010	06.50	34.200	26.88		1476.2							
	STO	0002J	07.02	34.30	26.88	00.024	1474.5							
	DBS	00020	07.02	34.30	26.88	00.036	1480.0							
	STO	0003J	07.33	34.35	26.88		1480.0							
	DBS	00030	07.33	34.350	26.88		1480.0							
	STO	0004J	07.42	34.360	26.88		1480.5							
	DBS	00040	07.42	34.360	26.88		1480.5							
	STO	0005J	07.41	34.36	26.88	00.059	1480.6							
	DBS	00050	07.41	34.360	26.88		1480.6							
	STO	0007J	04.55	34.09	27.03	00.087	1469.2							
	DBS	00075	04.55	34.090	27.03		1469.2							
	STO	0009J	03.88	34.160	27.15		1466.7							
	DBS	00090	03.88	34.160	27.15		1466.7							
	STO	0010J	05.73	34.59	27.29	00.111	1475.1							
	DBS	00100	05.73	34.59	27.29	00.131	1477.7							
	STO	0012J	06.25	34.66	27.27		1477.7							
	DBS	00125	06.25	34.660	27.27		1477.7							
	STO	0013J	05.50	34.460	27.21 *		1474.5							
	DBS	00130	05.50	34.460	27.21	00.152	1473.3							
	STO	0015J	05.12	34.46	27.26		1473.3							
	DBS	00150	05.12	34.460	27.26		1473.3							
	STO	00157	05.23	34.460	27.24		1474.0							
	DBS	00157	05.23	34.460	27.24		1474.0							
	STO	0017J	04.34	34.460	27.34		1470.5							
	DBS	00170	04.34	34.460	27.34		1470.5							
	STO	0018J	04.23	34.430	27.33		1470.0							
	DBS	00180	04.23	34.430	27.33		1470.0							
	STO	0020J	07.43	35.07	27.43	00.190	1484.1							
	DBS	00200	07.43	35.070	27.43		1484.1							
	STO	0025J	06.29	34.91	27.46	00.224	1480.2							
	DBS	00250	06.29	34.910	27.46		1480.2							
	STO	0027J	06.35	34.930	27.47		1480.3							
	DBS	00270	06.35	34.930	27.47	00.257	1472.8							
	STO	0030J	04.35	34.64	27.48		1472.8							
	DBS	00300	04.35	34.640	27.48		1472.8							
	STO	00308	04.23	34.660	27.52		1472.3							
	DBS	00308	04.23	34.660	27.52		1472.3							
	STO	0036J	04.80	34.860	27.61		1475.9							
	DBS	00360	04.80	34.860	27.61		1475.9							
	STO	0039J	05.62	35.000	27.62		1479.8							
	DBS	00390	05.62	35.000	27.62	00.315	1479.9							
	STO	0040J	05.56	34.99	27.62		1479.9							
	DBS	00400	05.56	34.990	27.62		1479.9							
	STO	0043J	05.39	35.030	27.67		1479.7							
	DBS	00430	05.39	35.030	27.67		1479.7							
	STO	0045J	05.64	35.050	27.66		1481.1							
	DBS	00450	05.64	35.050	27.66	00.367	1480.0							
	STO	0050J	05.19	35.00	27.67		1480.0							
	DBS	00500	05.19	35.000	27.67		1480.0							
	STO	0055J	04.81	34.970	27.69		1479.3							
	DBS	00550	04.81	34.970	27.69	00.415	1479.7							
	STO	0060J	04.72	34.96	27.70		1479.7							
	DBS	00600	04.72	34.960	27.70		1479.7							
	STO	0064J	04.51	34.960	27.72		1479.5							
	DBS	00640	04.51	34.960	27.72		1479.5							
	STO	0070J	04.55	34.98	27.73	00.461	1480.7							
	DBS	00700	04.55	34.980	27.73		1480.7							
	STO	0070J	04.34	34.94	27.72	00.507	1481.4							
	DBS	00700	04.34	34.940	27.72		1481.4							
	STO	0084J	04.41	34.975	27.74		1482.4							
	DBS	00840	04.41	34.975	27.74	00.553	1483.1							
	STO	0090J	04.33	34.97	27.75		1483.1							
	DBS	00900	04.33	34.970	27.75		1483.1							
	STO	0100J	04.17	34.95	27.75	00.598	1484.1							
	DBS	01000	04.17	34.955	27.75		1484.1							
	STO	0105J	04.14	34.960	27.76		1484.8							
	DBS	01050	04.14	34.960	27.76		1484.8							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31 8296. (Continued)

REFID 31 8296 YEAR 1972 BOTOP 03617 AIR TEMP 04.4 DIR HGT PER WIND-DIR 13 INST STD RECORDER TEN SJ 130A
 CONSEC 0053 MONTH 04 SHIP EV WFT ADLR 03.9 34 3 2 WIND-SPD 13 TRACE DIR 00.2 5 SQUARE 2
 LAT 43 19 N DAY 17 DATA USE 1 BAROMETR 1007.1 SEA 8 WIND-FDP DIRPAT 00.2 2 SQUARE 26
 LONG 047 28 W HOUR 02.7 AREA 05 CLOUD T/A CLTR WEATHEP XI ORIG TR 119 1 SQUARE 37

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	XYG	P34	TOT P	V32	V03	S133	P4
02.7	STD	00000	11.48	35.13	26.81	00.000	1495.8							
	DBS	00000	11.48	35.135	26.81		1495.8							
	STD	00010	11.49	35.13	26.81	00.012	1496.0							
	STD	00020	11.50	35.13	26.81	00.025	1496.2							
	DBS	00024	11.50	35.135	26.81		1496.3							
	STD	00030	11.50	35.14	26.81	00.038	1496.4							
	STD	00050	11.49	35.14	26.81	00.063	1496.7							
	DBS	00050	11.49	35.139	26.81		1496.7							
	DBS	00066	11.44	35.113	26.80		1496.8							
	STD	00075	09.95	34.81	26.83	00.094	1491.2							
	DBS	00080	09.30	34.691	26.85		1488.7							
	DBS	00091	08.56	34.574	26.87		1486.0							
	STD	00100	08.32	34.62	26.94	00.124	1485.3							
	DBS	00100	08.32	34.616	26.94		1485.3							
	DBS	00124	08.20	34.604	26.95		1485.2							
	STD	00125	08.28	34.62	26.95	00.152	1485.6							
	DBS	00141	08.85	34.770	26.98		1488.2							
	DBS	00143	08.74	34.771	27.00		1487.8							
	STD	00150	09.95	35.11	27.07	00.179	1492.8							
	DBS	00155	10.60	35.297	27.10		1495.5							
	DBS	00170	10.57	35.304	27.11		1495.6							
	DBS	00178	10.11	35.198	27.11		1494.0							
	DBS	00184	10.16	35.235	27.13		1494.3							
	DBS	00196	09.61	35.13 P	27.140									
	DBS	00199	09.59	35.188	27.19		1492.4							
	STD	00200	09.62	35.20	27.19	00.228	1492.5							
	DBS	00202	09.69	35.209	27.19		1492.8							
	DBS	00205	09.63	35.148	27.15		1492.6							
	DBS	00214	08.61	34.995	27.20		1488.7							
	DBS	00217	08.58	34.969	27.18		1488.7							
	DBS	00223	07.94	34.898	27.22		1486.2							
	DBS	00226	08.04	34.965	27.26		1486.7							
	DBS	00240	07.90	34.960	27.28		1486.4							
	DBS	00247	08.36	35.108	27.32		1488.5							
	DBS	00249	08.40	35.083	27.30		1488.6							
	STD	00250	08.40	35.08	27.29	00.273	1488.6							
	DBS	00252	08.40	35.047	27.27		1488.7							
	DBS	00256	08.21	34.95 P	27.220*									
	DBS	00258	07.94	34.98 P	27.210									
	DBS	00261	07.69	35.030	27.36		1486.1							
	DBS	00264	07.88	35.049	27.35		1486.9							
	DBS	00273	07.79	34.997	27.32		1486.6							
	STD	00300	07.11	34.88	27.33	00.314	1484.3							
	DBS	00300	07.11	34.885	27.33		1484.3							
	DBS	00305	06.97	34.943	27.40		1483.9							
	DBS	00309	07.04	34.956	27.39		1484.4							
	DBS	00325	06.75	34.907	27.40		1483.3							
	DBS	00340	06.80	34.976	27.45		1483.8							
	DBS	00349	07.08	35.020	27.44		1485.1							
	DBS	00357	06.32	34.910	27.46		1482.1							
	DBS	00359	07.04	34.999	27.43		1485.1							
	DBS	00371	06.37	34.900	27.45		1482.5							
	DBS	00387	06.19	34.874	27.45		1482.0							
	DBS	00390	06.04	34.905	27.49		1481.5							
	DBS	00399	06.30	35.001	27.54		1482.9							
	STD	00400	06.32	35.00	27.53	00.385	1482.9							
	DBS	00402	06.37	34.995	27.52		1483.2							
	DBS	00418	05.98	34.903	27.50		1481.8							
	DBS	00424	05.72	34.869	27.51		1480.8							
	DBS	00434	05.36	34.873	27.55		1479.5							
	DBS	00449	05.40	34.887	27.56		1479.9							
	DBS	00455	05.53	34.920	27.57		1480.6							
	DBS	00473	05.09	34.848	27.57		1479.0							
	DBS	00499	04.74	34.834	27.60		1477.9							
	STD	00500	04.74	34.83	27.60	00.444	1478.0							
	DBS	00523	04.85	34.909	27.64		1478.9							
	DBS	00539	05.39	35.014	27.66		1481.5							
	DBS	00549	05.26	34.984	27.65		1481.1							
	DBS	00576	05.25	35.008	27.67		1481.5							
	STD	00600	05.01	34.97	27.67	00.497	1480.9							
	DBS	00600	05.01	34.968	27.67		1480.9							
	DBS	00624	05.01	34.989	27.69		1481.3							
	DBS	00649	04.86	34.964	27.68		1481.1							
	DBS	00676	04.78	34.965	27.69		1481.2							
	DBS	00698	04.72	34.969	27.70		1481.3							
	STD	00700	04.72	34.97	27.70	00.546	1481.4							
	DBS	00726	04.74	34.984	27.71		1481.9							
	DBS	00749	04.72	34.981	27.71		1482.2							
	DBS	00773	04.69	34.985	27.72		1482.5							
	STD	00800	04.65	34.98	27.72	00.594	1482.8							
	DBS	00800	04.65	34.978	27.72		1482.8							
	DBS	00825	04.56	34.977	27.73		1482.8							
	DBS	00844	04.52	34.997	27.75		1483.1							
	DBS	00874	04.59	34.989	27.73		1483.8							
	DBS	00899	04.59	34.999	27.74		1484.2							
	STD	00900	04.59	35.00	27.74	00.641	1484.2							
	DBS	00927	03.43 P	34.986	27.850									
	DBS	00950	04.50	35.009	27.76		1484.7							
	STD	01000	04.16	34.99	27.79	00.685	1484.1							
	DBS	01026	04.12	34.951	27.76		1484.3							
	DBS	01056	04.18	34.91 P	27.720*									

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972. Prepared from NODC Listing No. 31-8296.—Continued

REF ID: 31 9296 YEAR: 1972 RPTID: 03759 AIR TEMP: 06.7 DIR HGT PER: WIND-DIR: 00 INST STO RECORDER: TFM 50 1306
 CONSEC: 0056 MONTH: 04 SHIP EV: WET BULB: 06.7 34 4 2 WIND-SPO: 15 TRAC F DIR: 0 5 SQUARE 7
 LAT: 43 10.0N DAY: 17 DATA USE: 1 BAROMETR: 1007.4 SEA WIND-FSP: DURATION: 00.2 7 SQUARE 26
 LONG: 047 00.0W HOUR: 05.4 APEA: 05 CLOUD T/A: CL/TR: WEATHF: X5 ORIG IIP: 110 1 SQUARE 37

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYN DPTH	SNO VEL	DRYG	RJA	TOT P	NO2	NO3	S133	P4
05.4	STD	00000	09.93	34.66	26.72	00.000	1489.7							
	DBS	00000	09.93	34.664	26.72		1489.7							
	DBS	00005	10.20	34.787	26.77		1490.9							
	STD	00010	10.26	34.78	26.75	00.013	1491.2							
	DBS	00015	10.31	34.778	26.74		1491.5							
	DBS	00019	10.35	34.785	26.74		1491.7							
	STD	00023	10.35	34.78	26.74	00.026	1491.7							
	DBS	00023	10.35	34.784	26.74		1491.8							
	STD	00030	10.37	34.78	26.73	00.039	1492.0							
	DBS	00035	10.39	34.777	26.73		1492.1							
	STD	00050	10.40	34.78	26.73	00.066	1492.4							
	DBS	00053	10.40	34.782	26.73		1492.5							
	DBS	00064	10.44	34.811	26.75		1492.8							
	DBS	00074	10.07	34.793	26.80		1491.6							
	STD	00075	09.97	34.78	26.80	00.099	1491.2							
	DBS	00087	08.14	34.537	26.91		1484.3							
	DBS	00092	08.17	34.583	26.94		1484.6							
	DBS	00099	08.75	35.00 P	27.180									
	STD	00100	08.92	34.82	27.01 *	00.128	1487.8							
	DBS	00104	09.42	34.891	26.98 *		1489.8							
	DBS	00112	09.51	34.902	26.98		1490.3							
	DBS	00118	09.45	34.853	26.95 *		1490.1							
	DBS	00123	09.10	34.753	26.93		1488.8							
	STD	00125	09.02	34.75	26.94	00.156	1488.5							
	DBS	00128	08.85	34.755	26.97		1487.9							
	DBS	00132	08.16	34.706	27.04		1485.3							
	DBS	00137	08.67	35.14 P	27.300									
	STD	00150	08.75	34.83	27.04 *	00.183	1488.0							
	DBS	00158	09.25	35.26 P	27.300									
	DBS	00166	09.94	35.15 P	27.100*									
	DBS	00177	10.29 P	35.22 P	27.090									
	DBS	00198	08.92	34.959	27.12		1489.6							
	STD	00200	08.88	34.76	27.12	00.234	1489.5							
	DBS	00206	08.76	34.952	27.14		1499.1							
	DBS	00226	09.29	35.101	27.17		1491.6							
	DBS	00247	08.83	34.980	27.15		1490.1							
	STD	00250	08.83	35.00	27.16	00.283	1490.1							
	DBS	00272	08.79	35.088	27.24		1490.5							
	DBS	00290	08.65	35.086	27.26		1490.3							
	STD	00300	08.65	35.09	27.27	00.329	1490.4							
	DBS	00300	08.65	35.095	27.27		1490.4							
	DBS	00316	08.15	35.040	27.30		1488.7							
	DBS	00330	08.34	35.092	27.31		1489.8							
	DBS	00350	07.56	34.977	27.34		1486.9							
	DBS	00375	06.24	34.755	27.35		1481.9							
	STD	00400	06.48	34.86	27.40	00.410	1483.4							
	DBS	00407	06.55	34.890	27.41		1483.8							
	DBS	00431	05.17	34.651	27.40		1478.4							
	DBS	00454	04.68	34.633	27.44		1476.7							
	DBS	00473	05.33	34.806	27.50		1479.9							
	DBS	00487	04.96	34.747	27.50		1478.5							
	STD	00500	05.17	34.84	27.55	00.478	1479.7							
	DBS	00501	05.19	34.847	27.55		1479.8							
	DBS	00512	05.01	34.844	27.57		1479.3							
	DBS	00528	05.23	34.885	27.58		1480.5							
	DBS	00555	05.11	34.870	27.59		1480.5							
	DBS	00578	05.35	34.956	27.62		1481.9							
	DBS	00589	05.20	34.943	27.63		1481.5							
	STD	00600	05.24	34.96	27.64	00.535	1481.8							
	DBS	00605	05.25	34.972	27.64		1482.0							
	DBS	00654	04.99	34.972	27.68		1481.7							
	DBS	00680	05.64	35.091	27.69		1485.0							
	STD	00700	05.57	35.08	27.69	00.587	1485.0							
	DBS	00700	05.57	35.083	27.69		1485.0							
	DBS	00747	05.38	35.074	27.71		1485.0							
	STD	00800	05.05	35.03	27.71	00.636	1484.4							
	DBS	00800	05.04	35.028	27.71		1484.4							
	DBS	00843	04.77	35.008	27.73		1484.0							
	DBS	00899	04.69	35.008	27.74		1484.6							
	STD	00900	04.69	35.01	27.74	00.684	1484.6							
	STD	01000	04.53	34.98	27.74	00.732	1485.6							
	DBS	01001	04.53	34.984	27.74		1485.6							
	DBS	01052	04.36	34.976	27.75		1485.8							

TABLE XIII: Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31 8296.- Continued

REFID	31	8296	YEAR	1972	BOTOM	01733	AIR TEMP	06.1	DIR HGT	PER	WIND-DIR	33	INST STD	REC'D	DEP	TECH	SJ	1306		
CONSEC		0055	MONTH	04	SHIP EV		WET BULB	05.7		53	5	4	WIND-SPD	43	TRACE	DIR		5	SQUARE	2
LAT	42	10	N	DAY	17	DATA USE	1	BAROMETR	0998.0	SEA			WIND-F'R		DUPATION		05.9	2	SQUARE	26
LONG	047	40	W	HOHR	12.7	AREA	05	CLOUD T/A		CLTR			DEPTH	31	ORIG TIP	110		1	SQUARE	27

CAS	NUM	TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SND VEL	DRYG	P14	TOT P	NO2	NO3	S133	P4
12.7			ST0	00000	08.04	34.32	26.75	00.000	1482.2							
			08S	00000	09.04	34.320	26.75		1482.2							
			ST0	00010	08.04	34.32	26.76	00.013	1482.4							
			08S	00010	08.04	34.325	26.76		1482.4							
			ST0	00020	08.09	34.37	26.79	00.026	1482.8							
			08S	00020	08.09	34.370	26.79		1482.8							
			ST0	00030	06.73	34.38	26.99	00.038	1477.7							
			08S	00030	06.73	34.380	26.99		1477.7							
			08S	00040	06.93	34.540	27.08		1479.0							
			ST0	00050	06.67	34.49	27.08	00.058	1477.9							
			08S	00065	06.39	34.450	27.09		1476.9							
			ST0	00075	06.41	34.49	27.12	00.083	1477.3							
			ST0	00100	06.48	34.58	27.18	00.107	1478.1							
			08S	00100	06.48	34.590	27.18		1478.1							
			ST0	00125	07.04	34.66	27.17	00.130	1480.8							
			08S	00125	07.04	34.660	27.17		1480.8							
			ST0	00150	04.25	34.41	27.31	00.151	1469.6							
			08S	00150	04.25	34.410	27.31		1469.6							
			ST0	00200	04.03	34.48	27.39	00.188	1469.6							
			08S	00200	04.03	34.480	27.39		1469.6							
			ST0	00250	04.10	34.60	27.48	00.222	1470.9							
			08S	00250	04.10	34.600	27.48		1470.9							
			ST0	00300	04.58	34.72	27.52	00.253	1473.8							
			08S	00300	04.58	34.720	27.52		1473.8							
			08S	00340	06.12	35.030	27.58		1481.2							
			08S	00390	05.00	34.920	27.63		1477.3							
			ST0	00400	05.05	34.94	27.64	00.309	1477.7							
			08S	00400	05.05	34.940	27.64		1477.7							
			08S	00420	05.74	35.070	27.66		1481.0							
			08S	00455	05.72	35.080	27.67		1481.5							
			ST0	00500	05.13	35.02	27.70	00.358	1479.8							
			08S	00500	05.13	35.020	27.70		1479.8							
			ST0	00600	04.83	35.01	27.73	00.403	1480.2							
			08S	00600	04.83	35.015	27.73		1480.2							
			ST0	00700	04.46	34.98	27.74	00.448	1480.3							
			08S	00700	04.46	34.980	27.74		1480.3							
			08S	00740	04.51	34.980	27.74		1481.2							
			08S	00759	04.35	34.980	27.75		1480.8							
			ST0	00800	04.46	35.00	27.76	00.491	1482.0							
			08S	00300	04.46	35.000	27.76		1482.0							
			08S	00830	04.55	35.020	27.76		1482.9							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296 YEAR 1972 BOTOP 03550 AIR TEMP 06.7 DIR HGT PER WIND-DIR 07 INST STD RECORDER TEN SQ 1306
 CONSFC 0756 MONTH 04 SHIP EV WET RULR 05.6 02 9 4 WIND-SPD 17 TRACE DIR 0 5 SQUARE 2
 LAT 42 25 N DAY 17 DATA USE 1 BAROMETER 1006.4 SEA WIND-FOR DURATION 07.3 2 SQUARE 28
 LONG 049 07 W HOUR 22.3 AREA 05 CLOUD 1/A CLUTR WEATHER XI ORIG HIP 110 1 SQUARE 28

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	3XYG	P34	TOT P	NO2	NO3	S133	P4
	STO	00000	03.93	33.77	26.84	00.000	1465.1							
22.3	085	00000	03.98	33.775	26.84		1465.1							
	STO	00010	04.00	33.77	26.83	00.012	1465.4							
	085	00010	04.00	33.775	26.83		1465.4							
	STO	00020	04.15	33.84	26.87	00.024	1466.3							
	085	00020	04.15	33.840	26.87		1466.3							
	STO	00030	04.68	33.94	26.89	00.036	1468.8							
	085	00030	04.68	33.940	26.89		1468.8							
	STO	00040	06.31	34.21	26.91	00.059	1476.1							
	085	00040	06.31	34.210	26.91		1476.1							
	STO	00050	06.28	34.24	26.94	00.083	1476.4							
	STO	00100	06.26	34.26	26.96	00.116	1476.8							
	085	00100	06.26	34.265	26.96		1476.8							
	STO	00125	05.52	34.38	27.14	00.142	1474.4							
	085	00125	05.52	34.380	27.14		1474.4							
	STO	00150	05.00	34.43	27.25	00.165	1472.7							
	085	00150	05.00	34.430	27.25		1472.7							
	STO	00200	05.74	34.54	27.25	00.208	1476.7							
	STO	00250	05.98	34.68	27.32	00.249	1478.7							
	085	00250	05.98	34.680	27.32		1478.7							
	STO	00300	05.71	34.84	27.48	00.285	1478.6							
	085	00300	05.71	34.840	27.48		1478.6							
	085	00340	04.44	34.620	27.46		1473.8							
	085	00380	04.46	34.690	27.51		1474.6							
	STO	00400	04.71	34.79	27.56	00.346	1475.1							
	085	00400	04.71	34.790	27.56		1475.1							
	085	00430	04.56	34.870	27.64		1476.9							
	STO	00500	04.64	34.91	27.67	00.400	1477.6							
	085	00500	04.64	34.910	27.67		1477.6							
	085	00560	04.69	34.950	27.69		1478.9							
	085	00590	04.60	34.935	27.69		1478.8							
	STO	00600	04.72	34.98	27.71	00.447	1479.7							
	085	00600	04.72	34.980	27.71		1479.7							
	085	00620	04.93	35.015	27.72		1481.0							
	085	00630	04.60	34.980	27.73		1480.6							
	STO	00700	04.80	35.03	27.74	00.492	1481.8							
	085	00730	04.80	35.030	27.74		1481.8							
	085	00780	04.42	34.975	27.74		1481.5							
	STO	00800	04.60	35.01	27.75	00.537	1482.6							
	085	00800	04.60	35.010	27.75		1482.6							
	STO	00900	04.35	34.98	27.76	00.581	1483.2							
	085	00900	04.35	34.985	27.76		1483.2							
	STO	01000	04.28	34.98	27.76	00.626	1484.6							
	085	01000	04.28	34.980	27.76		1484.6							
	085	01050	04.23	34.970	27.76		1485.2							

TABLE XII. Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31 S296. Continued

REFID 31 4296 YEAR 1972 BOTDP 03199 AIR TEMP 06.1 OIP HGT PFR WIND-DIR 05 14ST STD RECORDER TEN 53 1336
 CONSEC 0057 MONTH 04 SHIP EV WFT BULB 05.6 02 7 5 WIND-SPD 05 TRACE DIR 3 5 SQUARE 2
 LAT 42 36 N DAY 18 DATA USE 1 SEAS 03RAT104 03.2 2 SQUARE 2R
 LONG 049 24 W HOUR 01.0 AREA 05 (CLOUD) T/A CL/TR WEATHER XL ORIG TIP 220 1 SQUARE 2R

CASNO/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	DXYG	P16	TOT P	√D2	NO3	SI33	P4
01.0	STO	00000	04.25	33.70	26.75	00.000	1466.2							
	08S	00000	04.25	33.700	26.75		1466.2							
	STO	00010	04.27	33.68	26.73	00.013	1466.4							
	08S	00010	04.27	33.640	26.73		1466.4							
	STO	00020	04.21	33.67	26.71	00.026	1466.3							
	08S	00020	04.21	33.670	26.73		1466.3							
	STO	00030	04.08	33.63	26.71	00.040	1465.8							
	08S	00030	04.08	33.625	26.71		1465.8							
	STO	00050	01.60	33.40	26.74	00.066	1455.1							
	08S	00050	01.60	33.400	26.74		1455.1							
	08S	00060	00.63	33.560	26.93		1451.2							
	08S	00067	00.92	33.700	27.03		1452.7							
	08S	00070	00.66	33.710	27.05		1451.7							
	STO	00075	00.76	33.75	27.08	00.095	1452.3							
	08S	00075	00.76	33.750	27.08		1452.3							
	STO	00100	02.19	34.06	27.23	00.118	1459.5							
	08S	00100	02.19	34.060	27.23		1459.5							
	STO	00125	05.73	34.68	27.36	00.138	1475.6							
	08S	00125	05.73	34.680	27.36		1475.6							
	STO	00150	06.33	34.82	27.39	00.157	1478.6							
	08S	00150	06.33	34.820	27.39		1478.6							
	08S	00190	06.65	34.890	27.40		1480.6							
	STO	00200	05.54	34.66	27.36 *	00.193	1476.0							
	08S	00210	04.98	34.580	27.37		1473.8							
	08S	00221	05.01	34.660	27.43		1474.2							
	STO	00250	05.04	34.73	27.48	00.228	1474.9							
	08S	00250	05.43 P	34.95 P	27.610									
	08S	00272	05.06	34.780	27.52 *		1475.4							
	08S	00275	05.23	34.820	27.53		1476.2							
	08S	00285	04.98	34.770	27.52		1475.3							
	STO	00300	05.20	34.88	27.58	00.258	1476.6							
	08S	00300	05.20	34.885	27.58		1476.6							
	08S	00305	05.34	34.880	27.56		1477.3							
	08S	00322	05.35	34.870	27.55		1477.6							
	08S	00329	04.90	34.775	27.53		1475.7							
	08S	00350	05.12	34.870	27.58		1477.1							
	STO	00400	04.86	34.88	27.61	00.312	1476.9							
	08S	00400	04.86	34.875	27.61		1476.9							
	08S	00405	04.81	34.890	27.63		1476.8							
	08S	00470	05.13	34.945	27.64		1479.2							
	STO	00500	05.11	35.01	27.69	00.363	1479.7							
	08S	00500	05.11	35.010	27.69		1479.7							
	08S	00530	04.89	35.010	27.72		1479.3							
	STO	00600	04.90	35.02	27.72	00.409	1480.5							
	08S	00600	04.90	35.020	27.72		1480.5							
	08S	00650	04.35	34.980	27.75		1479.0							
	08S	00660	04.50	34.995	27.75		1479.8							
	STO	00700	04.20	34.94	27.74	00.454	1479.2							
	08S	00700	04.20	34.940	27.74		1479.2							
	STO	00800	04.10	34.94	27.75	00.497	1480.4							
	08S	00800	04.10	34.940	27.75		1480.4							
	STO	00900	04.03	34.93	27.75	00.541	1481.8							
	08S	00900	04.03	34.935	27.75		1481.8							
	STO	01000	03.96	34.94	27.76	00.585	1483.2							
	08S	01000	03.96	34.940	27.76		1483.2							
	08S	01080	03.92	34.940	27.77		1484.3							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REF ID 31 4796 YEAR 1977 BOTDP 02683 AIR TEMP 05.0 DIR HGT PER WIND-DIR 09 INST STD RECORDER TEN S 1306
 CONSFC 005R MONTH 04 SHIP EV WET SUBLR 05.0 02 6 5 WIND-SPO 1) TRACE DIR 0 J 5 SQUARE 2
 LAT 42 48 N DAY 13 DATA USE 1 BAROMETR 1005.1 SFA WIND-FJR DURATION 00.7 2 SQUARE 28
 LONG 049 40 W HOUR 03.1 AREA 05 CLCUD T/A CL/TR WEATHF2 X1 ORIG IIP 110 1 SQUARE 28

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNPTH	SNO VEL	OXYG	PJ4	TOT P	NO2	NO3	S133	P4
03-1	STN	00000	03.65	33.69	26.80	00.000	1463.6							
	DBS	00000	03.65	33.690	26.80		1463.6							
	STN	00010	03.66	33.69	26.80	00.013	1463.8							
	DBS	00010	03.66	33.690	26.80		1463.8							
	STN	00020	03.66	33.69	26.80	00.025	1464.0							
	DBS	00020	03.66	33.690	26.80		1464.0							
	STN	00030	03.66	33.69	26.81	00.038	1464.2							
	DBS	00030	03.66	33.695	26.81		1464.2							
	STN	00050	03.67	33.70	26.81	00.063	1464.5							
	DBS	00050	03.67	33.700	26.81		1464.5							
	STN	00075	02.85	33.65	26.85	00.094	1461.4							
	DBS	00075	02.85	33.655	26.85		1461.4							
	STN	00100	02.21	33.98	27.16	00.120	1459.4							
	DBS	00100	02.21	33.980	27.16		1459.4							
	STN	00125	03.56	34.18	27.20	00.143	1465.9							
	DBS	00125	03.56	34.18	27.20		1465.9							
	STN	00150	03.95	34.31	27.26	00.164	1468.2							
	DBS	00150	03.95	34.310	27.26		1468.2							
	STN	00165	03.72	34.360	27.33		1467.5							
	DBS	00165	03.72	34.360	27.33		1467.5							
	STN	00200	04.55	34.63	27.45	00.202	1471.9							
	DBS	00200	04.55	34.625	27.45		1471.9							
	STN	00212	04.68	34.650	27.46		1472.7							
	DBS	00212	04.68	34.650	27.46		1472.7							
	STN	00218	04.59	34.640	27.46		1472.4							
	DBS	00218	04.59	34.640	27.46		1472.4							
	STN	00250	05.06	34.79	27.52	00.233	1475.1							
	DBS	00250	05.06	34.790	27.52		1475.1							
	STN	00270	05.11	34.830	27.55		1475.7							
	DBS	00270	05.11	34.830	27.55		1475.7							
	STN	00280	05.08	34.835	27.56		1475.7							
	DBS	00280	05.08	34.835	27.56		1475.7							
	STN	00300	05.53	35.01	27.64	00.261	1478.1							
	DBS	00300	05.53	35.010	27.64		1478.1							
	STN	00370	05.01	34.955	27.66		1477.1							
	DBS	00370	05.01	34.955	27.66		1477.1							
	STN	00400	04.88	34.93	27.66	00.310	1477.0							
	DBS	00400	04.88	34.935	27.66		1477.0							
	STN	00410	04.85	34.955	27.68		1477.1							
	DBS	00410	04.85	34.955	27.68		1477.1							
	STN	00423	05.14	34.980	27.66		1478.5							
	DBS	00423	05.14	34.980	27.66		1478.5							
	STN	00445	05.07	34.980	27.67		1478.6							
	DBS	00445	05.07	34.980	27.67		1478.6							
	STN	00455	04.70	34.970	27.71		1477.2							
	DBS	00455	04.70	34.970	27.71		1477.2							
	STN	00490	04.68	34.950	27.69		1477.7							
	DBS	00490	04.68	34.950	27.69		1477.7							
	STN	00500	04.58	34.945	27.70	00.358	1477.4							
	DBS	00500	04.58	34.945	27.70		1477.4							
	STN	00530	04.48	34.940	27.71		1477.5							
	DBS	00530	04.48	34.940	27.71		1477.5							
	STN	00570	04.19	34.910	27.72		1476.9							
	DBS	00570	04.19	34.910	27.72		1476.9							
	STN	00600	04.18	34.91	27.72	00.403	1477.4							
	DBS	00600	04.18	34.915	27.72		1477.4							
	STN	00648	04.11	34.930	27.74		1477.9							
	DBS	00648	04.11	34.930	27.74		1477.9							
	STN	00678	04.44	34.955	27.72		1479.8							
	DBS	00678	04.44	34.955	27.72		1479.8							
	STN	00680	04.40	35.000	27.76		1479.8							
	DBS	00680	04.40	35.000	27.76		1479.8							
	STN	00700	04.52	34.99	27.74	00.447	1480.6							
	DBS	00700	04.52	34.990	27.74		1480.6							
	STN	00800	04.31	34.93	27.72	00.492	1481.3							
	DBS	00800	04.31	34.930	27.72		1481.3							
	STN	00803	04.25	34.950	27.74		1481.1							
	DBS	00803	04.25	34.950	27.74		1481.1							
	STN	00820	04.30	34.970	27.75		1481.6							
	DBS	00820	04.30	34.970	27.75		1481.6							
	STN	00830	04.24	34.965	27.75		1481.5							
	DBS	00830	04.24	34.965	27.75		1481.5							
	STN	00850	04.27	34.970	27.76		1482.0							
	DBS	00850	04.27	34.970	27.76		1482.0							
	STN	00900	04.05	34.94	27.75	00.538	1481.9							
	DBS	00900	04.05	34.940	27.75		1481.9							
	STN	00907	04.05	34.970	27.78		1482.0							
	DBS	00907	04.05	34.970	27.78		1482.0							
	STN	00910	04.08	34.970	27.78		1482.2							
	DBS	00910	04.08	34.970	27.78		1482.2							
	STN	00947	04.02	34.955	27.77		1482.5							
	DBS	00947	04.02	34.955	27.77		1482.5							
	STN	00950	04.06	34.960	27.77		1482.8							
	DBS	00950	04.06	34.960	27.77		1482.8							
	STN	00980	04.10	34.965	27.77		1483.4							
	DBS	00980	04.10	34.965	27.77		1483.4							
	STN	01000	04.10	34.94	27.75	00.582	1483.8							
	DBS	01000	04.10	34.945	27.75		1483.8							

TABLE XII. Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296. Continued

REFID 31 8296	YEAR 1972	RUTOP 01935	AIR TEMP 05-0	OIR HGT PER	WIND-DIR 11	INST STO RECOOPER	TEN SQ 1306
CONSEC 0069	MONTH 04	SHIP EV	WFT DULB 04.4	03 2 3	WIND-SPO 23	TRACE OIR	5 SQUARE 2
LAT 43 00 N	DAY 18	DATA USE 1	BAROMETR 1007.4	SEA	WIND-FOR	DIRECTION 03-1	2 SQUARE 28
LONG 048 55 W	HOOR 05.3	AREA 05	CLOUD TZA	CL/TR	WEATHER X?	ORIG IIP 110	1 SQUARE 38

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	OYNDRH	SND VEL	CHYG	P14	TOT P	NO2	NO3	S133	24
05.3	STD	00000	03.62	33.70	26.81	00.000	1463.5							
	DBS	00000	03.62	33.700	26.81		1463.5							
	STD	00010	03.62	33.70	26.81	00.012	1463.7							
	DBS	00010	03.62	33.700	26.81		1463.7							
	STD	00020	03.62	33.70	26.81	00.025	1463.8							
	DBS	00020	03.62	33.700	26.81		1463.8							
	STD	00030	03.59	33.70	26.82	00.037	1463.9							
	DBS	00030	03.59	33.700	26.82		1463.9							
	STD	00050	02.83	33.73	26.91	00.061	1461.0							
	DBS	00050	02.83	33.730	26.91		1461.0							
	STD	00064	02.33	33.880	27.07		1459.2							
	DBS	00064	02.33	33.880	27.07		1459.2							
	STD	00075	02.40	33.95	27.12	00.088	1459.8							
	DBS	00075	02.40	33.950	27.12		1459.8							
	STD	00089	02.56	34.070	27.20		1460.9							
	DBS	00089	02.56	34.070	27.20		1460.9							
	STD	00093	02.43	34.060	27.21		1460.4							
	DBS	00093	02.43	34.060	27.21		1460.4							
	STD	00100	02.51	34.13	27.26	00.110	1460.9							
	DBS	00100	02.51	34.130	27.26		1460.9							
	STD	00109	02.67	34.170	27.27		1461.8							
	DBS	00109	02.67	34.170	27.27		1461.8							
	STD	00122	02.89	34.270	27.33		1463.1							
	DBS	00122	02.89	34.270	27.33		1463.1							
	STD	00125	02.88	34.25	27.32	00.130	1463.1							
	DBS	00125	02.88	34.255	27.32		1463.1							
	STD	00130	02.81	34.215	27.30		1462.9							
	DBS	00130	02.81	34.215	27.30		1462.9							
	STD	00150	03.98	34.47	27.39	00.149	1468.5							
	DBS	00150	03.98	34.470	27.39		1468.5							
	STD	00161	04.27	34.480	27.37		1469.9							
	DBS	00161	04.27	34.480	27.37		1469.9							
	STD	00180	04.52	34.580	27.42		1471.4							
	DBS	00180	04.52	34.580	27.42		1471.4							
	STD	00200	04.53	34.56	27.40	00.184	1471.8							
	DBS	00200	04.53	34.560	27.40		1471.8							
	STD	00203	04.45	34.610	27.45		1471.6							
	DBS	00203	04.45	34.610	27.45		1471.6							
	STD	00215	04.90	34.775	27.53		1473.8							
	DBS	00215	04.90	34.775	27.53		1473.8							
	STD	00230	04.93	34.800	27.55		1474.2							
	DBS	00230	04.93	34.800	27.55		1474.2							
	STD	00242	05.12	34.860	27.57		1475.3							
	DBS	00242	05.12	34.860	27.57		1475.3							
	STD	00250	05.12	34.87	27.58	00.215	1475.4							
	DBS	00250	05.12	34.870	27.58		1475.4							
	STD	00267	05.12	34.880	27.59		1475.7							
	DBS	00267	05.12	34.880	27.59		1475.7							
	STD	00300	05.75	35.04	27.64	00.242	1479.1							
	DBS	00300	05.75	35.040	27.64		1479.1							
	STD	00310	05.62	35.020	27.64		1478.7							
	DBS	00310	05.62	35.020	27.64		1478.7							
	STD	00328	05.66	35.030	27.64		1479.1							
	DBS	00328	05.66	35.030	27.64		1479.1							
	STD	00367	04.98	34.950	27.66		1475.9							
	DBS	00367	04.98	34.950	27.66		1475.9							
	STD	00400	04.82	34.96	27.69	00.290	1476.8							
	DBS	00400	04.82	34.960	27.69		1476.8							
	STD	00430	04.72	34.925	27.67		1476.8							
	DBS	00430	04.72	34.925	27.67		1476.8							
	STD	00500	04.02	34.90	27.73	00.335	1475.0							
	DBS	00500	04.02	34.900	27.73		1475.0							
	STD	00600	03.97	34.91	27.74	00.378	1476.5							
	DBS	00600	03.97	34.910	27.74		1476.5							
	STD	00700	03.96	34.92	27.75	00.420	1478.1							
	DBS	00700	03.96	34.920	27.75		1478.1							
	STD	00730	04.02	34.930	27.75		1479.7							
	DBS	00730	04.02	34.930	27.75		1479.7							
	STD	00800	04.00	34.92	27.75	00.463	1480.0							
	DBS	00800	04.00	34.925	27.75		1480.0							
	STD	00811	03.98	34.920	27.75		1480.1							
	DBS	00811	03.98	34.920	27.75		1480.1							
	STD	00900	04.00	34.94	27.76	00.507	1481.7							
	DBS	00900	04.00	34.940	27.76		1481.7							
	STD	01000	03.89	34.92	27.76	00.550	1482.8							
	DBS	01000	03.89	34.925	27.76		1482.8							
	STD	01053	03.96	34.925	27.76		1483.6							
	DBS	01053	03.96	34.925	27.76		1483.6							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972—18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296 YEAR 1972 BOTOP 01132 AIR TEMP 03.4 OIR HGT PER WIND-DIR 10 INST STD RECORDER TEN SJ 1306
CONSEC 0060 MOHT 04 SHIP EV WET BULB 03.3 13 3 2 WIND-SPD 20 TRACF OIR 2 5 SQUARE 2
LAT 43 08 N DAY 18 DATA USE 1 BAROMETR 1001.0 SEA DURATION 00.2 2 SQUARE 28
LONG 049 07 W MOHR 07.3 AREA 05 CLOUD T/F4 CL/TR WEATHER X5 ORIG IIP 110 1 SQUARE 39

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OMNPTH	SND VEL	OXYG	P14	TOT P	NO2	NO3	S133	PH
07.3	STO	00000	03.93	33.79	25.86	00.000	1466.9							
	08S	00000	03.93	33.795	26.86		1466.9							
	STO	00010	03.92	33.79	26.86	00.012	1465.1							
	08S	00010	03.92	33.795	26.86		1465.1							
	STO	00020	03.31	33.80	26.93	00.024	1462.6							
	08S	00020	03.31	33.805	26.93		1462.6							
	STO	00030	03.38	34.02	27.09	00.034	1463.4							
	08S	00030	03.38	34.025	27.09		1463.4							
	08S	00048	03.55	34.020	27.07		1466.4							
	STO	00050	03.61	34.03	27.08	00.054	1464.7							
	08S	00061	03.84	34.075	27.09		1465.9							
	STO	00075	03.84	34.10	27.11	00.079	1466.2							
	08S	00075	03.84	34.105	27.11		1466.2							
	08S	00081	03.86	34.100	27.11		1466.4							
	STO	00100	03.89	34.22	27.20	00.102	1467.0							
	08S	00100	03.89	34.225	27.20		1467.0							
	08S	00110	04.43	34.350	27.25		1469.6							
	08S	00110	04.43	34.350	27.25		1469.6							
	08S	00117	04.43	34.360	27.25		1469.7							
	STO	00125	04.72	34.46	27.30	00.123	1471.2							
	08S	00125	04.72	34.465	27.30		1471.2							
	08S	00129	04.76	34.460	27.30		1471.4							
	08S	00136	04.45	34.420	27.30		1470.2							
	08S	00140	04.46	34.500	27.36		1470.4							
	STO	00150	04.87	34.58	27.38	00.142	1472.4							
	08S	00150	04.87	34.580	27.38		1472.4							
	08S	00177	04.90	34.615	27.40		1473.0							
	08S	00180	04.85	34.640	27.43		1472.9							
	08S	00195	05.02	34.680	27.44		1473.9							
	STO	00200	04.21	34.56	27.44	00.177	1470.4							
	08S	00215	02.86	34.405	27.45		1466.7							
	08S	00225	02.86	34.470	27.50		1465.0							
	STO	00250	03.40	34.59	27.54	00.208	1467.9							
	08S	00250	03.40	34.590	27.54		1467.9							
	08S	00254	03.33	34.580	27.54		1467.6							
	STO	00300	04.07	34.76	27.61	00.235	1471.8							
	08S	00300	04.07	34.765	27.61		1471.8							
	08S	00305	04.21	34.800	27.63		1472.5							
	08S	00314	04.16	34.820	27.65		1472.5							
	08S	00360	04.30	34.845	27.65		1473.8							
	08S	00380	04.29	34.860	27.67		1474.1							
	STO	00400	04.34	34.88	27.68	00.284	1474.7							
	08S	00400	04.34	34.880	27.68		1474.7							
	08S	00430	04.40	34.900	27.69		1475.5							
	08S	00470	04.37	34.910	27.70		1476.0							
	STO	00500	04.33	34.91	27.70	00.330	1476.4							
	08S	00500	04.33	34.910	27.70		1476.4							
	08S	00512	04.32	34.910	27.70		1476.5							
	08S	00520	04.25	34.910	27.71		1476.4							
	08S	00560	04.25	34.910	27.71		1477.0							
	STO	00600	04.14	34.91	27.72	00.375	1477.2							
	08S	00600	04.14	34.910	27.72		1477.2							
	08S	00640	04.05	34.905	27.73		1477.5							
	08S	00690	04.05	34.910	27.73		1478.3							
	STO	00700	04.09	34.92	27.73	00.420	1478.7							
	08S	00700	04.09	34.920	27.73		1478.7							
	08S	00720	04.09	34.910	27.73		1479.0							
	08S	00740	04.07	34.910	27.73		1479.3							
	STO	00800	04.02	34.91	27.73	00.464	1480.0							
	08S	00800	04.02	34.910	27.73		1480.0							
	08S	00840	03.99	34.910	27.74		1480.6							
	STO	00900	03.98	34.91	27.74	00.509	1481.5							
	08S	00900	03.98	34.910	27.74		1481.5							
	08S	00940	03.98	34.915	27.74		1482.2							
	STO	01000	04.02	34.92	27.75	00.555	1483.4							
	08S	01000	04.02	34.925	27.75		1483.4							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REF ID 31 8296 YEAR 1972 BDTOP 00585 AIR TEMP 02.2 DIR HGT PER WIND-DIR 11 INST STD RECORDER TEN SQ 1306
CONSEC 0061 MONTH 04 SHIP EV WET BULB 02.2 06 4 3 WIND-SPD 25 TRACE DIR 0 5 SQUARE 2
LAT 43 19 N DAY 19 DATA USE 1 BAROMETR 0997.6 SEA WIND-FTR DURATION 00.1 2 SQUARE 28
LONG 049 20 W HOUR 09.2 AREA 05 CLOUD T/A CLZTR WEATHER X5 ORIG IIP 110 1 SQUARE 39

CASNUM/TIME	LVLTY	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	OXYG	P34	TOT P	N02	N03	S133	P4
09.2	STD	00000	- 0.71	32.97	26.52	00.000	1443.2							
	OBS	00000	- 0.71	32.975	26.52		1443.2							
	STD	00010	- 0.71	32.97	26.52	00.015	1443.4							
	OBS	00010	- 0.71	32.975	26.52		1443.4							
	STD	00020	- 0.74	32.98	26.53	00.030	1443.4							
	OBS	00020	- 0.74	32.980	26.53		1443.4							
	OBS	00025	- 0.90	32.950	26.51		1442.7							
	STD	00030	- 0.98	33.01	26.47	00.045	1442.5							
	OBS	00030	- 0.98	33.015	26.57		1442.5							
	STD	00050	- 1.17	33.13	26.67	00.074	1442.1							
	OBS	00050	- 1.17	33.135	26.67		1442.1							
	OBS	00055	- 1.20	33.165	26.69		1442.1							
	STD	00075	- 1.22	33.24	26.76	00.107	1442.4							
	OBS	00075	- 1.22	33.240	26.76		1442.4							
	STD	00100	- 1.20	33.27	26.78	00.139	1443.0							
	OBS	00100	- 1.20	33.275	26.78		1443.0							
	STD	00125	- 1.18	33.34	26.84	00.170	1443.6							
	OBS	00125	- 1.18	33.345	26.84		1443.6							
	OBS	00132	- 1.18	33.480	26.95		1443.9							
	STD	00150	00.85	33.59	26.94	00.199	1453.7							
	OBS	00150	00.85	33.590	26.94		1453.7							
	OBS	00160	00.21	33.600	26.99		1450.9							
	OBS	00170	- 0.25	33.560	26.98		1448.9							
	OBS	00177	- 0.45	33.590	27.01		1448.2							
	STD	00200	00.27	33.84	27.18	00.250	1452.2							
	OBS	00200	00.27	33.840	27.18		1452.2							
	STD	00250	01.56	34.22	27.40	00.290	1457.4							
	OBS	00250	01.56	34.220	27.40		1459.4							
	OBS	00276	01.59	34.240	27.42		1460.0							
	STD	00300	01.86	34.31	27.45	00.323	1461.6							
	OBS	00300	01.86	34.310	27.45		1461.6							
	OBS	00422	02.08	34.370	27.48		1463.1							
	OBS	00345	02.95	34.525	27.53		1467.4							
	OBS	00356	02.98	34.525	27.53		1467.7							
	OBS	00380	03.04	34.540	27.54		1468.4							
	STD	00400	03.33	34.61	27.56	00.384	1470.1							
	OBS	00400	03.33	34.610	27.56		1470.1							
	OBS	00406	03.38	34.625	27.57		1470.4							
	OBS	00412	03.31	34.620	27.57		1470.2							
	OBS	00425	03.42	34.670	27.60		1471.0							

REF ID 31 8296 YEAR 1972 BDTOP 00154 AIR TEMP 02.2 DIR HGT PER WIND-DIR 12 INST STD RECORDER TEN SQ 1306
CONSEC 0062 MONTH 04 SHIP EV WET BULB 02.2 06 4 3 WIND-SPD 24 TRACE DIR 0 5 SQUARE 2
LAT 43 24 N DAY 18 DATA USE 1 BAROMETR 0995.6 SEA WIND-FTR DURATION 00.1 2 SQUARE 28
LONG 049 24 W HOUR 10.3 AREA 05 CLOUD T/A CLZTR WEATHER X5 ORIG IIP 110 1 SQUARE 39

CASNUM/TIME	LVLTY	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	OXYG	P34	TOT P	N02	N03	S133	P4
10.3	STD	00000	- 0.56	33.03	26.56	00.000	1444.0							
	OBS	00000	- 0.56	33.030	26.56		1444.0							
	STD	00010	- 0.56	33.03	26.56	00.015	1444.1							
	OBS	00010	- 0.56	33.030	26.56		1444.1							
	STD	00020	- 0.56	33.03	26.56	00.030	1444.3							
	OBS	00020	- 0.56	33.030	26.56		1444.3							
	STD	00030	- 0.58	33.04	26.57	00.044	1444.4							
	OBS	00030	- 0.58	33.040	26.57		1444.4							
	STD	00050	- 0.56	33.06	26.59	00.074	1444.8							
	OBS	00050	- 0.56	33.060	26.59		1444.8							
	OBS	00069	- 0.58	33.085	26.61		1445.1							

REF ID 31 8296 YEAR 1972 BDTOP 00060 AIR TEMP 02.8 DIR HGT PER WIND-DIR 12 INST STD RECORDER TEN SQ 1306
CONSEC 0063 MONTH 04 SHIP EV WET BULB 02.8 06 7 4 WIND-SPD 23 TRACE DIR 0 5 SQUARE 2
LAT 43 27 N DAY 18 DATA USE 1 BAROMETR 0992.9 SEA WIND-FTR DURATION 00.1 2 SQUARE 28
LONG 049 31 W HOUR 11.2 AREA 05 CLOUD T/A CLZTR WEATHER X2 ORIG IIP 110 1 SQUARE 39

CASNUM/TIME	LVLTY	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	OXYG	P34	TOT P	N02	N03	S133	P4
11.2	STD	00000	- 0.31	33.08	26.59	00.000	1445.2							
	OBS	00005	- 0.31	33.080	26.59		1445.3							
	STD	00010	- 0.31	33.08	26.59	00.015	1445.4							
	OBS	00010	- 0.31	33.080	26.59		1445.4							
	STD	00020	- 0.31	33.08	26.59	00.029	1445.5							
	OBS	00020	- 0.31	33.080	26.59		1445.5							
	STD	00030	- 0.31	33.08	26.59	00.044	1445.7							
	OBS	00030	- 0.31	33.080	26.59		1445.7							
	OBS	00045	- 0.31	33.090	26.59		1445.9							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972—18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296 YEAR 1972 BOTOP 00057 AIR TEMP 02.8 DIR HGT PER WIND-DIR 12 INST STO RECORDER TEN SQ 1306
 CONSEC 0064 MONTH 04 SHIP EV WET BULB 02.8 06 9 3 WIND-SPD 30 TRACE DIR 0 5 SQUARE 2
 LAT 43 33 N DAY 18 DATA USE 1 BAROMETR 0990.5 SEA WIND-FJR DURATION 00.1 2 SQUARE 28
 LONG 049 40 W HOUR 12.5 AREA 05 CLOUD T/A CL/TR WEATHER X5 ORIG IIP 110 1 SQUARE 39

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXYG	P34	TOT P	NO2	NO3	SIO3	PH
12.5	STO	00000	00.20	33.10	26.59	00.000	1447.6							
	08S	00000	00.20	33.100	26.59		1447.6							
	STO	00010	00.20	33.10	26.59	00.015	1447.7							
	08S	00010	00.20	33.100	26.59		1447.7							
	STO	00020	00.20	33.09	26.58	00.029	1447.9							
	08S	00020	00.20	33.095	26.58		1447.9							
	STO	00030	00.21	33.10	26.59	00.044	1448.1							
	08S	00030	00.21	33.100	26.59		1448.1							
	08S	00040	00.21	33.100	26.59		1448.3							

REFID 31 8296 YEAR 1972 BOTOP 00071 AIR TEMP 03.3 DIR HGT PER WIND-DIR 10 INST STO RECORDER TEN SQ 1307
 CONSEC 0065 MONTH 04 SHIP EV WET BULB 03.3 55 2 2 WIND-SPD 30 TRACE DIR 0 5 SQUARE 1
 LAT 43 16.0N DAY 18 DATA USE 1 BAROMETR 0981.0 SEA WIND-FJR DURATION 00.1 2 SQUARE 20
 LONG 050 22.5W HOUR 15.6 AREA 05 CLOUD T/A CL/TR WEATHER X5 ORIG IIP 110 1 SQUARE 30

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXYG	P34	TOT P	NO2	NO3	SIO3	PH
15.6	STO	00000	00.56	33.01	26.49	00.000	1449.1							
	08S	00000	00.56	33.010	26.49		1449.1							
	STO	00010	00.54	33.01	26.50	00.015	1449.2							
	08S	00010	00.54	33.010	26.50		1449.2							
	STO	00020	00.50	33.03	26.51	00.031	1449.2							
	08S	00020	00.50	33.030	26.51		1449.2							
	STO	00030	00.26	33.04	26.53	00.046	1448.3							
	08S	00030	00.26	33.040	26.53		1448.3							
	08S	00040	- 0.22	33.050	26.57		1446.2							
	STO	00050	- 0.27	33.11	26.62	00.075	1446.2							
	08S	00050	- 0.27	33.110	26.62		1446.2							

REFID 31 8296 YEAR 1972 BOTOP 00080 AIR TEMP 03.3 DIR HGT PER WIND-DIR 10 INST STO RECORDER TEN SQ 1307
 CONSEC 0066 MONTH 04 SHIP EV WET BULB 02.8 05 6 3 WIND-SPD 20 TRACE DIR 0 5 SQUARE 1
 LAT 43 07 N DAY 18 DATA USE 1 BAROMETR 0976.3 SEA WIND-FJR DURATION 00.1 2 SQUARE 20
 LONG 050 22 W HOUR 16.8 AREA 05 CLOUD T/A CL/TR WEATHER X4 ORIG IIP 110 1 SQUARE 30

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXYG	P34	TOT P	NO2	NO3	SIO3	PH
16.8	STO	00000	- 0.18	33.16	26.66	00.000	1445.9							
	08S	00000	- 0.18	33.165	26.66		1445.9							
	STO	00010	- 0.18	33.16	26.65	00.014	1446.1							
	08S	00010	- 0.18	33.160	26.65		1446.1							
	STO	00020	- 0.19	33.17	26.66	00.029	1446.2							
	08S	00020	- 0.19	33.170	26.66		1446.2							
	STO	00030	- 0.19	33.17	26.66	00.042	1446.4							
	08S	00030	- 0.19	33.170	26.66		1446.4							
	STO	00050	- 0.20	33.17	26.66	00.070	1446.7							
	08S	00050	- 0.20	33.170	26.66		1446.7							

REFID 31 8296 YEAR 1972 BOTOP 00097 AIR TEMP 02.2 DIR HGT PER WIND-DIR 10 INST STO RECORDER TEN SQ 1307
 CONSEC 0067 MONTH 04 SHIP EV WET BULB 01.7 05 6 2 WIND-SPD 20 TRACE DIR 0 5 SQUARE 1
 LAT 43 00.0N DAY 18 DATA USE 1 BAROMETR 0976.6 SEA WIND-FJR DURATION 00.1 2 SQUARE 20
 LONG 050 20.0W HOUR 18.2 AREA 05 CLOUD T/A CL/TR WEATHER X5 ORIG IIP 110 1 SQUARE 30

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXYG	P34	TOT P	NO2	NO3	SIO3	PH
18.2	STO	00000	- 0.36	33.17	26.67	00.000	1445.1							
	08S	00000	- 0.36	33.170	26.67		1445.1							
	STO	00010	- 0.36	33.17	26.67	00.014	1445.3							
	08S	00010	- 0.36	33.170	26.67		1445.3							
	STO	00020	- 0.40	33.17	26.67	00.028	1445.2							
	08S	00020	- 0.40	33.170	26.67		1445.2							
	STO	00030	- 0.40	33.17	26.67	00.041	1445.4							
	08S	00030	- 0.40	33.175	26.67		1445.4							
	08S	00040	- 0.40	33.175	26.67		1445.6							
	STO	00050	- 0.41	33.17	26.67	00.069	1445.7							
	08S	00050	- 0.41	33.175	26.67		1445.7							
	08S	00060	- 0.45	33.180	26.69		1445.7							
	08S	00070	- 0.79	33.255	26.75		1444.4							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by FSCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REF ID: 31 4296 YEAR: 1972 BUOY: 00241 AIR TEMP: 02.2 DIR HGT PER: WIND-DIR: 13 INST. STD. RECORDER: TEN SQ. 1307
 CONSEC: 0078 MONTH: 04 SHIP EV: WET BULB: 01.7 05 6 3 WIND-SPD: 23 TRACE DIR: 0 5 SQUARE 1
 LAT: 42 54 N DAY: 19 DATA USE: 1 BAROMETR: 0773.9 SEA: WIND-FTR: DURATION: 03.1 2 SQUARE 20
 LONG: 050 20 W HOUR: 19.2 AREA: 05 CLOUD: T/A CL/TR: WEATHER: X5 ORIG. TIP: 110 1 SQUARE 20

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	DRYG	P34	TOT P	N02	N03	S133	P4
19.2	STD	00000	- 0.29	33.09	26.60	00.000	1445.3							
	18S	00010	- 0.29	33.095	26.60		1445.3							
	STD	00010	- 0.29	33.11	26.62	00.014	1445.5							
	18S	00010	- 0.29	33.110	26.62		1445.5							
	STD	00020	- 0.29	33.11	26.62	00.029	1445.7							
	18S	00020	- 0.29	33.110	26.62		1445.7							
	STD	00030	- 0.29	33.11	26.62	00.043	1445.8							
	18S	00030	- 0.29	33.110	26.62		1445.8							
	STD	00050	- 0.31	33.11	26.62	00.072	1446.1							
	18S	00050	- 0.31	33.110	26.62		1446.1							
	STD	00075	- 0.45	33.12	26.63	00.107	1445.8							
	18S	00075	- 0.45	33.120	26.63		1445.8							
	STD	00100	- 1.03	33.30	26.80	00.140	1443.8							
	18S	00100	- 1.03	33.300	26.80		1443.8							
	STD	00125	- 0.65	33.39	26.86	00.171	1446.1							
	18S	00125	- 0.65	33.390	26.86		1446.1							
	STD	00150	- 0.57	33.43	26.89	00.201	1447.0							
	18S	00150	- 0.57	33.430	26.89		1447.0							
	STD	00175	00.15	33.650	27.03		1451.0							
	18S	00200	00.55	33.74	27.08	00.255	1453.3							
	18S	00200	00.55	33.740	27.08		1453.3							

REF ID: 31 4296 YEAR: 1972 BUOY: 00988 AIR TEMP: 03.3 DIR HGT PER: WIND-DIR: 11 INST. STD. RECORDER: TEN SQ. 1307
 CONSEC: 0069 MONTH: 04 SHIP EV: WET BULB: 02.8 59 2 4 WIND-SPD: 13 TRACE DIR: 0 5 SQUARE 1
 LAT: 42 47.0N DAY: 18 DATA USE: 1 BAROMETR: 0970.2 SEA: WIND-FTR: DURATION: 03.3 2 SQUARE 20
 LONG: 050 30.0W HOUR: 20.5 AREA: 05 CLOUD: T/A CL/TR: WEATHER: X5 ORIG. TIP: 110 1 SQUARE 20

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	DRYG	P34	TOT P	N02	N03	S133	P4
20.5	STD	00000	- 0.59	33.00	26.54	00.000	1443.8							
	18S	00000	- 0.59	33.000	26.54		1443.8							
	STD	00010	- 0.60	33.00	26.54	00.015	1443.9							
	18S	00010	- 0.60	33.000	26.54		1443.9							
	STD	00020	- 0.60	33.00	26.54	00.030	1446.1							
	18S	00020	- 0.60	33.000	26.54		1446.1							
	STD	00030	- 0.65	33.00	26.54	00.045	1446.0							
	18S	00030	- 0.65	33.000	26.54		1446.0							
	STD	00050	- 0.77	33.04	26.58	00.075	1443.8							
	18S	00050	- 0.77	33.040	26.58		1443.8							
	STD	00070	- 1.05	33.230	26.74		1443.1							
	18S	00070	- 1.05	33.230	26.74		1443.1							
	STD	00075	- 1.04	33.25	26.76	00.109	1443.3							
	18S	00075	- 1.04	33.250	26.76		1443.3							
	STD	00100	- 1.02	33.29	26.79	00.141	1443.8							
	18S	00100	- 1.02	33.290	26.79		1443.8							
	STD	00110	- 1.07	33.285	26.79		1443.8							
	18S	00110	- 1.07	33.285	26.79		1443.8							
	STD	00125	- 0.85	33.38	26.86	00.172	1445.2							
	18S	00125	- 0.85	33.385	26.86		1445.2							
	STD	00138	- 0.93	33.410	26.88		1445.1							
	18S	00138	- 0.93	33.410	26.88		1445.1							
	STD	00150	- 0.45	33.54	26.97	00.200	1447.7							
	18S	00150	- 0.45	33.54	26.97		1447.7							
	STD	00155	- 0.19	33.580	26.99		1449.0							
	18S	00155	- 0.19	33.580	26.99		1449.0							
	STD	00173	01.11	33.680	27.00		1455.3							
	18S	00173	01.11	33.680	27.00		1455.3							
	STD	00190	- 0.20	33.665	27.06		1449.7							
	18S	00190	- 0.20	33.665	27.06		1449.7							
	STD	00200	- 0.07	33.69	27.07	00.252	1450.5							
	18S	00200	- 0.07	33.69	27.07		1450.5							
	STD	00205	00.01	33.705	27.08		1453.9							
	18S	00205	00.01	33.705	27.08		1453.9							
	STD	00240	00.81	33.860	27.16		1455.3							
	18S	00240	00.81	33.860	27.16		1455.3							
	STD	00250	02.35	34.10	27.24	00.298	1462.7							
	18S	00250	02.35	34.10	27.24		1462.7							
	STD	00265	03.66	34.310	27.29		1468.8							
	18S	00265	03.66	34.310	27.29		1468.8							
	STD	00300	02.08	34.14	27.30	00.340	1462.4							
	18S	00300	02.08	34.14	27.30		1462.4							
	STD	00310	03.27	34.480	27.47		1468.5							
	18S	00310	03.27	34.480	27.47		1468.5							
	STD	00360	02.87	34.480	27.50		1467.3							
	18S	00360	02.87	34.480	27.50		1467.3							
	STD	00380	02.87	34.510	27.53		1467.6							
	18S	00380	02.87	34.510	27.53		1467.6							
	STD	00400	03.03	34.55	27.55	00.408	1468.7							
	18S	00400	03.03	34.550	27.55		1468.7							
	STD	00460	04.54	34.830	27.62		1476.4							
	18S	00460	04.54	34.830	27.62		1476.4							
	STD	00500	04.56	34.85	27.63	00.463	1477.2							
	18S	00500	04.56	34.85	27.63		1477.2							
	STD	00500	04.56	34.850	27.63		1477.2							
	18S	00500	04.56	34.850	27.63		1477.2							
	STD	00600	04.52	34.91	27.68	00.514	1478.8							
	18S	00600	04.52	34.91	27.68		1478.8							
	STD	00700	04.19	34.89	27.70	00.562	1479.1							
	18S	00700	04.19	34.89	27.70		1479.1							
	STD	00700	04.19	34.895	27.70		1479.1							
	18S	00700	04.19	34.895	27.70		1479.1							
	STD	00800	04.11	34.91	27.72	00.609	1480.4							
	18S	00800	04.11	34.91	27.72		1480.4							
	STD	00900	04.09	34.91	27.73	00.655	1482.0							
	18S	00900	04.09	34.91	27.73		1482.0							

TABLE XIII.--Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.--Continued

REFID 31 8296 YEAR 1972 BOTOP 01390 AIR TEMP 03.3 DIR HGT PER WIND-DIR 09 INST STO RECORDER TEN 50 1307
 CONSEC 0070 MONTH 04 SHIP EV WFT 8UL8 02.8 59 6 4 WIND-STD 23 TRACE DIR 0 5 SQUARE 1
 LAT 42 37 N DAY 18 DATA USE BAROMETR 0968.5 SE4 WEATHR WIND-FJR DURATION 00.2 2 SQUARE 20
 LONG 050 35 W HOUR AREA 05 CLOUD T/A CL/TR WEATHER X5 ORIG TIP 110 1 SQUARE 20

CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	S133	PH
21.0	ST0	00000	00.95	33.25	26.67	00.000	1451.2							
	085	00000	00.95	33.250	26.67		1451.2							
	ST0	00010	00.95	33.25	26.67	00.014	1451.3							
	085	00010	00.95	33.250	26.67		1451.3							
	ST0	00020	00.88	33.25	26.67	00.028	1451.2							
	085	00020	00.88	33.250	26.67		1451.2							
	ST0	00030	00.07	33.27	26.73	00.041	1447.7							
	ST0	00050	- 0.91	33.31	26.81	00.067	1443.6							
	085	00050	- 0.91	33.315	26.81		1443.6							
	ST0	00075	- 0.92	33.38	26.86	00.097	1444.0							
	085	00075	- 0.92	33.380	26.86		1444.0							
	085	00085	- 0.70	00.430	00.21 *		1400.9							
	ST0	00100	- 1.24	33.44	26.92	00.127	1443.0							
	085	00100	- 1.24	33.440	26.92		1443.0							
	ST0	00125	00.05	33.88	27.22	00.152	1450.0							
	085	00125	00.05	33.880	27.22		1450.0							
	ST0	00150	02.43	34.13	27.26	00.173	1461.4							
	ST0	00200	04.61	34.40	27.27	00.214	1471.9							
	085	00200	04.61	34.400	27.27		1471.9							
	085	00215	04.59	34.420	27.28		1472.1							
	085	00235	05.95	34.700	27.34		1478.3							
	ST0	00250	05.33	34.61	27.35	00.254	1476.0							
	085	00250	05.33	34.610	27.35		1476.0							
	085	00285	04.81	34.580	27.39		1474.4							
	ST0	00300	05.49	34.74	27.43	00.291	1477.6							
	085	00300	05.49	34.740	27.43		1477.6							
	085	00330	06.30	34.900	27.46		1481.6							
	085	00390	04.16	34.665	27.52		1473.5							
	ST0	00400	04.20	34.71	27.56	00.355	1473.9							
	085	00400	04.20	34.710	27.56		1473.9							
	085	00405	04.90	34.860	27.60		1477.1							
	085	00481	04.60	34.850	27.62		1477.1							
	ST0	00500	04.48	34.85	27.64	00.410	1476.9							
	085	00500	04.48	34.850	27.64		1476.9							
	085	00517	04.57	34.890	27.66		1477.6							
	085	00538	04.42	34.860	27.65		1477.3							
	085	00573	04.35	34.890	27.68		1477.6							
	ST0	00600	05.42	34.96	27.61 *	00.463	1482.6							
	085	00600	05.42	34.960	27.61		1482.6							
	ST0	00700	04.10	34.90	27.72	00.514	1478.7							
	085	00700	04.10	34.905	27.72		1478.7							
	085	00740	04.21	34.935	27.73		1479.9							
	085	00745	04.15	34.910	27.72		1479.7							
	085	00762	04.15	34.920	27.73		1480.0							
	ST0	00800	04.28	34.95	27.74	00.559	1481.2							
	085	00800	04.28	34.950	27.74		1481.2							
	085	00860	04.43	34.985	27.75		1482.8							
	ST0	00900	04.19	34.95	27.75	00.604	1482.5							
	085	00900	04.19	34.950	27.75		1482.5							
	ST0	01000	04.12	34.95	27.76	00.649	1483.8							
	085	01000	04.12	34.950	27.76		1483.8							
	085	01060	04.10	34.950	27.76		1484.8							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296 YEAR 1972 BOTDP 02032 AIR TEMP 01.7 OIR HGT PER WIND-OIR 02 INST STD RECORDER PEN SQ 1307
 CONSEC 0071 MONT 04 SHIP EV WET BULB 01.1 59 6 6 WIND-SPD 24 TRACE OIR 0 5 SQUARE 1
 LAT 42 22 N DAY 19 DATA USE 1 BAROMETR 0969.5 SEA WIND-FJR DURATION 00.3 2 SQUARE 20
 LONG 050 50 W HOUR 00.5 AREA 05 CLOUD 7/A CL/TR WEATHER X5 ORIG IIP 110 1 SQUARE 20

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	S133	P4
00.5	STD	00000	02.89	33.56	26.77	00.000	1460.2							
	OBS	00000	02.89	33.560	26.77		1460.2							
	STD	00010	02.92	33.58	26.78	00.013	1460.5							
	OBS	00010	02.92	33.580	26.78		1460.5							
	STD	00020	02.94	33.585	26.78		1460.6							
	OBS	00020	02.70	33.54	26.77	00.026	1459.7							
	STD	00020	02.70	33.540	26.77		1459.7							
	OBS	00021	02.66	33.550	26.78		1459.5							
	STD	00030	02.65	33.58	26.81	00.038	1459.7							
	OBS	00030	02.65	33.580	26.81		1459.7							
	STD	00050	01.71	33.59	26.89	00.063	1455.9							
	OBS	00065	01.41	33.680	26.98		1454.9							
	STD	00075	01.41	33.78	27.06	00.090	1455.2							
	OBS	00075	01.41	33.780	27.06		1455.2							
	STD	00100	02.49	34.02	27.17	00.114	1460.7							
	OBS	00100	02.49	34.025	27.17		1460.7							
	STD	00125	02.53	34.08	27.21	00.136	1461.4							
	OBS	00125	02.53	34.080	27.21		1461.4							
	STD	00134	02.95	34.160	27.24		1463.5							
	OBS	00150	03.18	34.20	27.25	00.158	1464.8							
	STD	00180	03.82	34.300	27.27		1468.1							
	OBS	00200	05.48	34.64	27.35	00.197	1475.8							
	STD	00200	05.48	34.640	27.35		1475.8							
	OBS	00203	05.86	34.660	27.32 *		1477.4							
	STD	00222	05.42	34.580	27.31		1475.8							
	OBS	00245	03.18	34.300	27.33		1466.5							
	STD	00250	03.63	34.42	27.38	00.235	1468.6							
	OBS	00250	03.63	34.420	27.38		1468.6							
	STD	00300	04.53	34.63	27.46	00.269	1473.5							
	OBS	00310	04.71	34.670	27.47		1474.5							
	STD	00322	04.15	34.640	27.51		1472.3							
	OBS	00322	04.15	34.640	27.51		1472.3							
	STD	00335	04.31	34.680	27.52		1473.2							
	OBS	00400	04.92	34.76	27.51	00.334	1476.9							
	STD	00402	04.94	34.760	27.51		1477.1							
	OBS	00415	04.36	34.780	27.59		1474.9							
	STD	00450	04.84	34.930	27.66		1477.7							
	OBS	00475	04.84	34.910	27.64		1478.1							
	STD	00500	04.72	34.92	27.67	00.390	1478.0							
	OBS	00500	04.72	34.920	27.67		1478.0							
	STD	00505	04.66	34.930	27.68		1477.8							
	OBS	00530	04.76	34.960	27.69		1478.7							
	STD	00600	04.55	34.94	27.70	00.438	1479.0							
	OBS	00600	04.55	34.945	27.70		1479.0							
	STD	00625	04.56	34.955	27.71		1479.4							
	OBS	00700	04.24	34.92	27.72	00.484	1479.3							
	STD	00700	04.24	34.920	27.72		1479.3							
	OBS	00757	04.16	34.920	27.73		1479.9							
	STD	00800	04.15	34.92	27.73	00.530	1480.6							
	OBS	00800	04.15	34.920	27.73		1480.6							
	STD	00900	04.12	34.93	27.74	00.575	1482.1							
	OBS	00900	04.12	34.930	27.74		1482.1							
	STD	00940	04.12	34.940	27.75		1482.8							
	OBS	01000	04.22	34.96	27.76	00.621	1484.3							
	STD	01000	04.22	34.965	27.76		1484.3							
	OBS	01045	04.17	34.960	27.76		1484.8							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296 YEAR 1972 STATION 03120 AIR TEMP 03.3 OIP HGT PER WIND-OIP 34 INST STD RECORDER TEN SQ L307
 CONSEC 0072 MONTH 04 SHIP EV MET GULR 02.R 82 7 4 WIND-SPD 47 TRACE DIR 3 5 SQUARE 1
 LAT 41 59 N DAY 19 DATA USE 1 BAROMETR 0975.3 SEA WIND-FJR DURATION 03.3 2 SQUARE 00
 LONG 050 30 W HOUR 03.6 AREA 05 CLOUD T/A CL/TR WEATHER X3 ORIG IIP 110 1 SQUARE 10

CAS	NUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SNO VEL	OXYG	P34	TOT P	NO2	NO3	SI03	PH
		STD	00000	03.05	33.44	26.66	00.000	1460.7							
03.6		DBS	00000	03.05	33.440	26.66		1460.7							
		STD	00010	03.05	33.44	26.66	00.014	1460.9							
		DBS	00010	03.05	33.440	26.66		1460.9							
		STD	00020	03.05	33.44	26.66	00.028	1461.0							
		DBS	00020	03.05	33.440	26.66		1461.0							
		STD	00030	03.05	33.44	26.66	00.042	1461.2							
		DBS	00030	03.05	33.440	26.66		1461.2							
		STD	00050	03.05	33.44	26.66	00.070	1461.5							
		DBS	00050	03.05	33.440	26.66		1461.5							
		STD	00075	03.05	33.44	26.66	00.104	1461.9							
		DBS	00075	03.05	33.440	26.66		1461.9							
		STD	00100	02.99	33.48	26.70	00.139	1462.1							
		DBS	00100	02.99	33.480	26.70		1462.1							
		STD	00125	02.18	33.62	26.88	00.171	1459.2							
		DBS	00125	02.18	33.620	26.88		1459.2							
		STD	00150	02.23	33.93	27.04	00.199	1460.1							
		DBS	00150	02.23	33.930	27.04		1460.1							
		DBS	00189	02.67	33.980	27.04		1462.8							
		STD	00200	02.56	33.93	27.09	00.249	1462.5							
		DBS	00200	02.56	33.930	27.09		1462.5							
		STD	00250	02.23	34.13	27.28	00.294	1462.2							
		DBS	00250	02.23	34.125	27.28		1462.2							
		STD	00300	02.92	34.24	27.31	00.335	1466.2							
		DBS	00300	02.92	34.240	27.31		1466.2							
		DBS	00335	03.46	34.330	27.33		1469.2							
		DBS	00350	03.27	34.335	27.35		1468.6							
		DBS	00385	03.50	34.420	27.40		1470.3							
		STD	00400	03.48	34.42	27.40	00.410	1470.5							
		DBS	00400	03.48	34.420	27.40		1470.5							
		DBS	00420	03.53	34.425	27.40		1471.0							
		DBS	00435	03.67	34.460	27.41		1471.9							
		DBS	00447	03.62	34.455	27.41		1471.9							
		STD	00500	03.67	34.51	27.45	00.480	1473.0							
		DBS	00500	03.67	34.510	27.45		1473.0							
		DBS	00552	02.61	34.400	27.46		1469.2							
		STD	00600	02.91	34.53	27.54	00.544	1471.5							
		DBS	00500	02.91	34.530	27.54		1471.5							
		STD	00700	04.76	34.83	27.59	00.603	1481.3							
		DBS	00700	04.76	34.830	27.59		1481.3							
		DBS	00765	05.16	34.870	27.57		1484.1							
		STD	00800	05.56	34.98	27.61	00.662	1486.5							
		DBS	00800	05.56	34.980	27.61		1486.5							
		DBS	00840	05.34	34.950	27.62		1486.2							
		DBS	00874	04.90	34.915	27.64		1484.9							
		STD	00900	04.96	34.94	27.65	00.720	1485.6							
		DBS	00900	04.96	34.940	27.65		1485.6							
		DBS	00941	05.02	34.935	27.64		1486.6							
		STD	01000	04.96	34.96	27.67	00.775	1487.3							
		DBS	01000	04.96	34.965	27.67		1487.3							
		DBS	01050	04.93	34.975	27.68		1488.1							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—(Continued)

REF ID: 31 8296 YFAR: 1972 RPTOP: 03621 AIR TEMP: 04.9 DIR HGT PER: WIND-DIR: 04 INST. STO. RECORDER: TEN SQ 1307
 CONSEC: 0073 MONTH: 05 SHIP EV: WFT HUR: 08.3 08 0 2 WIND-SPO: 04 TRACE DIR: 7 5 SQUARE: 1
 LAT: 41 03 N DAY: 09 DATA USE: 1 BAROMETP: 1020.3 SEA: WIND-FOR: DURATION: 00.2 2 SQUARE: 00
 LONG: 050 15 W MOJH: 05-0 AREA: 05 CLORIT: 1/A CL/TR: WEATHER: % ORIS: TIP: 110 1 SQUARE: 10

CASSTNO/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	TKYG	P14	TOT P	NO2	NO3	SI33	pH
05.0	STD	000.00	08.90	33.50	25.98	00.000	1484.4							
	ORC	000.00	08.90	33.500	25.98		1484.4							
	STD	002.10	10.70	33.90	25.99	00.020	1491.7							
	ORC	002.10	10.70	33.900	25.99		1491.7							
	STD	002.20	07.29	33.44	26.17	00.040	1478.5							
	ORC	002.20	07.29	33.44	26.17		1478.5							
	STD	000.30	05.80	33.30	26.26	00.058	1472.5							
	ORC	000.30	05.80	33.300	26.26		1472.5							
	STD	000.50	08.60	34.00	26.42	00.092	1484.7							
	ORC	000.50	08.60	34.000	26.42		1484.7							
	STD	000.75	11.40	35.15	26.84	00.128	1496.8							
	ORC	000.75	11.40	35.150	26.84		1496.8							
	STD	001.00	10.10	34.96	26.92	00.158	1492.3							
	ORC	001.00	10.10	34.960	26.92		1492.3							
	STD	001.25	10.14	35.01	26.95	00.187	1493.0							
	ORC	001.25	10.14	35.01	26.95		1493.0							
	STD	001.50	10.21	35.04	26.97	00.215	1493.7							
	ORC	001.50	10.21	35.04	26.97		1493.7							
	STD	002.00	10.40	35.10	26.98	00.272	1495.2							
	ORC	002.00	10.40	35.100	26.98		1495.2							
	STD	002.20	10.50	35.115	26.97		1495.9							
	ORC	002.20	10.50	35.115	26.97		1495.9							
	STD	002.38	10.30	35.130	27.02		1495.5							
	ORC	002.38	10.30	35.130	27.02		1495.5							
	STD	002.50	08.59	34.75	27.01	00.327	1488.9							
	ORC	002.50	08.59	34.75	27.01		1488.9							
	STD	002.60	07.80	34.590	27.00		1485.9							
	ORC	002.60	07.80	34.590	27.00		1485.9							
	STD	002.70	07.60	34.560	27.01		1485.7							
	ORC	002.70	07.60	34.560	27.01		1485.7							
	STD	003.00	07.50	34.62	27.07	00.381	1485.4							
	ORC	003.00	07.50	34.620	27.07		1485.4							
	STD	003.20	08.60	34.960	27.17		1490.4							
	ORC	003.20	08.60	34.960	27.17		1490.4							
	STD	003.47	08.40	34.950	27.19		1490.1							
	ORC	003.47	08.40	34.950	27.19		1490.1							
	STD	003.52	07.30	34.700	27.16		1485.6							
	ORC	003.52	07.30	34.700	27.16		1485.6							
	STD	004.00	07.64	34.87	27.25	00.479	1488.0							
	ORC	004.00	07.64	34.87	27.25		1488.0							
	STD	004.08	07.70	34.400	27.26		1488.3							
	ORC	004.08	07.70	34.400	27.26		1488.3							
	STD	004.17	05.80	34.570	27.26		1480.9							
	ORC	004.17	05.80	34.570	27.26		1480.9							
	STD	004.50	07.10	34.950	27.39		1486.9							
	ORC	004.50	07.10	34.950	27.39		1486.9							
	STD	005.00	07.10	35.02	27.44	00.561	1487.7							
	ORC	005.00	07.10	35.020	27.44		1487.7							
	STD	006.00	05.80	34.97	27.58	00.623	1484.1							
	ORC	006.00	05.80	34.970	27.58		1484.1							
	STD	007.00	05.42	35.00	27.65	00.685	1484.3							
	ORC	007.00	05.42	35.005	27.65		1484.3							
	STD	008.00	04.89	35.00	27.71	00.736	1483.8							
	ORC	008.00	04.89	35.000	27.71		1483.8							
	STD	009.00	04.71	35.00	27.73	00.785	1484.7							
	ORC	009.00	04.71	35.000	27.73		1484.7							
	STD	010.00	04.45	34.98	27.74	00.832	1485.3							
	ORC	010.00	04.45	34.980	27.74		1485.3							
	STD	010.12	04.39	34.980	27.75		1485.2							
	ORC	010.12	04.39	34.980	27.75		1485.2							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REF ID: 31 8296 YEAR: 1972 STATION: 03767 AIR TEMP: 10.5 OIR HGT PER: 24 2 2 WIND-OIR: 33 INST STD RECORDER: TEN SQ 1307
 CUNSEC: 0074 MONTH: 05 SHIP EV: AFT HULR: 09.4 SEA: WIND-SPO: 07 TRACE OIR: 0 5 SQUARE 1
 LAT: 41 34 N DAY: 07 DATA USE: 1 BAROMETR: 1001.4 WEATHER: X2 WEATHER: X2 DURATION: 00.3 2 SQUARE 00
 LONG: 050 18 W HOUR: 08.7 AREA: 05 CLOUD: T/A CL/TR: WEATHER: X2 ORIG IIP: 110 1 SQUARE 10

CASSTNUM/TIME	LVL/TYPE	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SNO VFL	DOYG	P34	TCT P	NO2	NO3	S133	P4
08.7	STD	00300	11.30	34.28	25.18	00.000	1494.1							
	OBS	00000	11.30	34.285	25.18		1494.1							
	OBS	00004	11.50	34.360	26.21		1495.0							
	STD	00010	11.45	34.40	26.40	00.017	1495.2							
	STD	00020	11.28	34.92	26.68	00.032	1495.2							
	OBS	00020	11.28	34.925	26.68		1495.2							
	STD	00030	11.05	34.88	26.69	00.046	1494.5							
	OBS	00037	11.05	34.880	26.69		1494.5							
	OBS	00031	11.03	34.850	26.67		1494.4							
	OBS	00042	10.97	34.880	26.71		1494.4							
	STD	00050	11.01	34.99	26.79	00.073	1494.8							
	OBS	00050	11.01	34.945	26.79		1494.8							
	OBS	00065	11.35	35.150	26.85		1496.5							
	OBS	00070	11.19	35.110	26.85		1495.9							
	STD	00075	11.50	35.22	26.87	00.104	1497.2							
	OBS	00075	11.50	35.220	26.87		1497.2							
	OBS	00080	11.96	35.400	26.93		1499.1							
	STD	00100	09.07	34.69	26.88	00.134	1488.2							
	OBS	00113	08.62	34.640	26.92		1488.7							
	STD	00125	09.20	34.89	27.02	00.162	1489.4							
	OBS	00125	09.20	34.890	27.02		1489.4							
	OBS	00128	09.21	34.910	27.03		1489.5							
	OBS	00140	09.09	34.865	27.02		1489.2							
	STD	00150	09.90	35.18	27.13	00.188	1492.7							
	OBS	00150	09.90	35.185	27.13		1492.7							
	OBS	00195	09.40	35.100	27.15		1491.5							
	STD	00200	09.30	35.09	27.15	00.236	1491.4							
	OBS	00200	09.35	35.090	27.15		1491.4							
	OBS	00209	09.28	35.140	27.20		1491.4							
	OBS	00222	09.53	35.190	27.20		1492.6							
	STD	00250	09.20	35.16	27.23	00.283	1491.8							
	OBS	00250	09.20	35.165	27.23		1491.8							
	STD	00300	08.41	35.09	27.30	00.326	1489.5							
	OBS	00300	08.41	35.090	27.30		1489.5							
	OBS	00315	07.84	35.035	27.35		1487.5							
	OBS	00350	06.60	34.945	27.37		1483.0							
	OBS	00372	06.46	34.880	27.42		1482.9							
	OBS	00380	06.56	34.955	27.46		1483.5							
	STD	00400	06.46	34.96	27.49	00.402	1483.4							
	OBS	00400	06.46	34.965	27.49		1483.4							
	OBS	00420	06.48	34.985	27.50		1483.9							
	OBS	00440	06.38	35.005	27.53		1483.8							
	OBS	00450	06.34	35.005	27.53		1484.0							
	STD	00500	05.45	34.96	27.61	00.463	1481.0							
	OBS	00500	05.45	34.960	27.61		1481.0							
	OBS	00510	05.41	34.990	27.64		1481.1							
	OBS	00516	05.46	34.980	27.63		1481.4							
	STD	00600	05.15	34.99	27.67	00.516	1481.5							
	OBS	00600	05.15	34.990	27.67		1481.5							
	STD	00700	04.84	34.97	27.70	00.565	1481.9							
	OBS	00700	04.84	34.975	27.70		1481.9							
	STD	00800	04.59	34.99	27.74	00.613	1482.5							
	OBS	00800	04.59	34.990	27.74		1482.5							
	STD	00900	04.38	34.98	27.75	00.658	1483.3							
	OBS	00900	04.38	34.985	27.75		1483.3							
	STD	01000	04.25	34.98	27.77	00.703	1484.4							
	OBS	01000	04.25	34.980	27.77		1484.4							
	OBS	01051	04.20	34.980	27.77		1485.1							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31 8296.—Continued

REF ID	31 8296	YEAR	1972	ROUT	03475	AIR TEMP	11.7	DIR HGT	PER	WIND-DIR	14	INST STD RECORDER	TEN SQ	1307
CONSEC	0975	MONTH	05	SHIP EV		WET BULB	10.6	27	2 2	WIND-SPO	08	TRACE DIR	0	5 SQUARE
LAT	42 02 N	DAY	09	DATA USE	1	BAROMETR	1021.3	SFA		WIND-FJR		DURATION	03.2	2 SQUARE
LONG	053 16 W	HOUR	14.0	AREA	05	CLOUD T/A		CL/TR		WEATHER	XI	ORIG TIP	110	1 SQUARE
														20

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPHT	SNO VEL	CHYG	P74	TOT P	NO2	NO3	SI13	P4
14.0	STD	00000	13.17	35.10	26.45	00.000	1501.6							
	08S	00000	13.17	35.100	26.45		1501.6							
	08S	00003	13.11	35.200	26.54		1501.5							
	STD	00010	13.94	35.43	26.55	00.015	1504.7							
	08S	00010	13.94	35.430	26.55		1504.7							
	STD	00020	13.59	35.39	26.59	00.030	1503.6							
	08S	00030	13.23	35.35	26.63	00.045	1502.6							
	STD	00050	12.53	35.26	26.71	00.072	1500.4							
	08S	00050	12.53	35.265	26.71		1500.4							
	08S	00065	06.27	34.020	26.77		1475.9							
	STD	00075	06.54	34.24	26.90	00.104	1477.5							
	08S	00075	06.54	34.240	26.90		1477.5							
	STD	00100	06.92	34.30	26.90	00.133	1479.5							
	08S	00110	06.97	34.310	26.90		1479.8							
	STD	00125	06.93	34.31	26.91	00.163	1479.9							
	08S	00125	06.93	34.310	26.91		1479.9							
	STD	00150	07.80	34.53	26.96	00.192	1484.0							
	08S	00150	07.80	34.535	26.96		1484.0							
	08S	00189	08.82	34.758	26.98		1488.8							
	STD	00200	07.49	34.58	26.98	00.248	1485.2							
	08S	00210	07.42	34.495	26.98		1483.5							
	08S	00225	07.38	34.490	26.98		1483.6							
	STD	00250	08.12	34.74	27.07	00.302	1487.1							
	STD	00300	09.07	35.08	27.19	00.352	1492.0							
	08S	00310	09.14	35.120	27.20		1492.6							
	08S	00325	09.29	35.170	27.22		1493.3							
	08S	00345	08.97	35.100	27.22		1492.4							
	STD	00400	07.96	35.01	27.31	00.442	1489.4							
	08S	00400	07.96	35.015	27.31		1489.4							
	STD	00500	02.50	34.42	27.49	00.515	1467.9							
	08S	00500	02.50	34.425	27.49		1467.9							
	08S	00530	03.46	34.560	27.51		1472.7							
	08S	00540	03.18	34.510	27.50		1471.6							
	08S	00549	03.52	34.580	27.52		1473.3							
	08S	00556	03.43	34.555	27.51		1473.0							
	08S	00580	03.78	34.645	27.55		1475.0							
	STD	00600	05.23	34.96	27.64	00.573	1481.8							
	08S	00600	05.23	34.965	27.64		1481.8							
	08S	00610	05.40	34.965	27.62		1482.7							
	08S	00640	05.43	34.990	27.64		1483.3							
	STD	00700	05.12	34.98	27.67	00.626	1483.0							
	08S	00700	05.12	34.985	27.67		1483.0							
	STD	00800	04.88	34.99	27.71	00.676	1483.7							
	08S	00800	04.88	34.995	27.71		1483.7							
	STD	00900	04.66	35.00	27.74	00.725	1484.5							
	08S	00900	04.66	35.000	27.74		1484.5							
	STD	01000	04.43	34.99	27.75	00.771	1485.2							
	08S	01000	04.43	34.990	27.75		1485.2							
	STD	01100	04.32	34.99	27.77	00.817	1486.4							
	08S	01100	04.32	34.995	27.77		1486.4							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296	YEAR 1972	BOTDP 02999	AIR TEMP 12.8	DIR HGT PER	WIND-DIR 13	INST STD RECORDER	TEM SO 1307
CONSEC 0076	MONTH 05	SHIP EV	WET BULB 12.2	12 0 2	WIND-SPO 05	TRACE DIR	5 SQUARE 1
LAT 42 21 N	DAY 09	DATA USE 1	BAROMETR 1021.3	SEA	WIND-FJR	DURATION 03.3	2 SQUARE 20
LONG 050 17 W	MOUR 16-7	AREA 05	CLOUD T/A	CL/TR	WEATHER X2	ORIG IIP L10	1 SQUARE 20

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	SI33	PH
16.7	STO	00001	12.72	34.96	26.44	00.000	1499.9							
	ØBS	00000	12.72	34.960	26.44		1499.9							
	STO	00010	12.83	35.01	26.46	00.016	1500.5							
	ØBS	00010	12.83	35.015	26.46		1500.5							
	ØBS	00016	12.89	35.060	26.48		1500.8							
	STO	00020	12.78	35.04	26.49	00.032	1500.5							
	ØBS	00020	12.78	35.040	26.49		1500.5							
	STO	00030	12.03	34.96	26.57	00.047	1498.0							
	ØBS	00030	12.03	34.96	26.57		1498.0							
	STO	00050	13.22	35.44	26.71	00.075	1503.0							
	ØBS	00050	13.22	35.445	26.71		1503.0							
	STO	00075	12.60	35.50	26.88	00.107	1501.4							
	ØBS	00075	12.60	35.500	26.88		1501.4							
	STO	00100	12.52	35.52	26.91	00.137	1501.5							
	ØBS	00100	12.52	35.520	26.91		1501.5							
	STO	00125	11.37	35.28	26.94	00.166	1488.5							
	ØBS	00125	11.37	35.28	26.94	00.194	1488.5							
	STO	00150	08.90	34.80	27.00		1488.5							
	ØBS	00150	08.90	34.800	27.00		1488.5							
	ØBS	00163	07.10	34.460	27.00		1481.4							
	ØBS	00175	07.92	34.660	27.04		1485.0							
	STO	00200	06.85	34.48	27.05	00.248	1481.1							
	ØBS	00200	06.85	34.480	27.05		1481.1							
	ØBS	00211	07.14	34.615	27.12		1482.6							
	STO	00250	07.83	34.73	27.11	00.300	1486.0							
	ØBS	00250	07.83	34.730	27.11		1486.0							
	ØBS	00290	06.16	34.520	27.17		1479.8							
	STO	00300	05.64	34.43	27.17	00.348	1477.8							
	ØBS	00302	05.57	34.420	27.17		1477.5							
	ØBS	00365	08.92	35.130	27.25		1492.6							
	ØBS	00390	08.73	35.065	27.23		1492.2							
	STO	00400	08.25	34.98	27.24	00.441	1490.4							
	ØBS	00400	08.25	34.980	27.24		1490.4							
	ØBS	00440	07.73	35.035	27.36		1489.2							
	ØBS	00475	06.52	34.865	27.40		1484.8							
	STO	00500	06.15	34.86	27.44	00.523	1483.7							
	ØBS	00500	06.15	34.860	27.44		1483.7							
	ØBS	00515	06.09	34.885	27.47		1483.8							
	ØBS	00536	06.48	35.000	27.51		1485.8							
	ØBS	00570	05.77	34.945	27.56		1483.5							
	ØBS	00590	05.72	34.955	27.57		1483.6							
	STO	00600	05.78	34.98	27.59	00.588	1484.1							
	ØBS	00600	05.78	34.985	27.59		1484.1							
	ØBS	00620	05.78	34.960	27.57		1484.4							
	ØBS	00622	05.67	34.985	27.60		1484.0							
	STO	00700	05.20	34.99	27.66	00.644	1483.4							
	ØBS	00700	05.20	34.990	27.66		1483.4							
	STO	00800	04.94	35.00	27.70	00.695	1484.0							
	ØBS	00800	04.94	35.000	27.70		1484.0							
	STO	00900	04.68	34.99	27.73	00.744	1484.6							
	ØBS	00900	04.68	34.995	27.73		1484.6							
	STO	01000	04.48	34.99	27.75	00.791	1485.4							
	ØBS	01000	04.48	34.990	27.75		1485.4							
	ØBS	01010	04.47	34.990	27.75		1485.5							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NOIC Listing No. 31-8296.—Continued

AFFID 31 8296 YEAR 1972 ROTOP 02780 AIR TEMP 08.3 DIR HGT PFA WIND-DIR 10 INST STD RECORDER TEN SQ 1307
 CONSEC 0077 MONTH 05 SHIP EV WFT RULA 07.2 12 0 2 WIND-SPD 10 TRACE OIR 0 5 SQUARE 1
 LAT 42 33 N DAY 04 DATA USE 1 BAROMETER 1022.0 SEA WIND-FOR DURATION 00.1 2 SQUARE 20
 LONG 050 19 W HOUR 19.2 AREA 05 CLOUD T/A CL/TR WEATHER X3 ORIG TIP 110 1 SQUARE 20

CSTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SNO VEL	JXYG	PJ4	TOT P	NO2	NO3	S133	P4
19.2	STD	00000	10.87	34.32	26.29	00.000	1492.7							
	OBS	00000	10.87	34.320	26.29		1492.7							
	STD	00010	12.23	34.88	26.47	00.017	1498.3							
	OBS	00010	12.23	34.880	26.47		1498.3							
	STD	00020	13.50	35.39	26.61	00.032	1503.3							
	OBS	00020	13.50	35.386	26.61		1503.3							
	STD	00030	13.75	35.53	26.67	00.046	1504.5							
	OBS	00030	13.75	35.530	26.67		1504.5							
	OBS	00031	13.61	35.470	26.65		1504.0							
	OBS	00045	13.67	35.570	26.71		1504.5							
	STD	00050	13.50	35.50	26.70	00.073	1504.0							
	OBS	00050	13.50	35.500	26.70		1504.0							
	OBS	00052	13.37	35.460	26.69		1503.5							
	OBS	00065	13.57	35.550	26.72		1504.5							
	STD	00075	13.45	35.50	26.71	00.108	1504.2							
	OBS	00075	13.45	35.500	26.71		1504.2							
	OBS	00080	13.34	35.490	26.72		1503.9							
	STD	00100	13.05	35.49	26.78	00.141	1503.3							
	OBS	00100	13.05	35.490	26.78		1503.3							
	STD	00125	12.27	35.46	26.91	00.172	1501.0							
	OBS	00125	12.27	35.460	26.91		1501.0							
	STD	00150	11.50	35.36	26.98	00.201	1498.6							
	OBS	00150	11.50	35.360	26.98		1498.6							
	STD	00200	09.25	34.87	26.99	00.257	1490.7							
	OBS	00200	09.25	34.867	26.99		1490.7							
	OBS	00230	08.19	34.870	27.16		1487.3							
	OBS	00240	08.55	34.920	27.15		1488.8							
	STD	00250	08.30	34.92	27.18	00.308	1488.1							
	OBS	00261	07.28 P	34.67 P	27.140*									
	OBS	00275	07.86	34.910	27.24		1486.8							
	STD	00300	07.69	34.95	27.30	00.353	1486.6							
	OBS	00300	07.69	34.950	27.30		1486.6							
	OBS	00329	07.61	34.910	27.28		1486.7							
	OBS	00332	07.67	34.960	27.31		1487.1							
	STD	00400	05.75	34.63	27.31	00.435	1480.2							
	OBS	00400	05.75	34.630	27.31		1480.2							
	OBS	00435	04.00	34.500	27.41		1473.3							
	OBS	00462	04.21	34.625	27.49		1474.8							
	STD	00500	05.83	35.00	27.60	00.505	1482.6							
	OBS	00500	05.83	35.000	27.60		1482.6							
	STD	00600	05.37	34.99	27.64	00.561	1482.4							
	OBS	00600	05.37	34.990	27.64		1482.4							
	STD	00700	05.04	34.99	27.69	00.612	1482.7							
	OBS	00700	05.04	34.995	27.69		1482.7							
	STD	00800	04.81	35.00	27.72	00.661	1483.4							
	OBS	00800	04.81	35.000	27.72		1483.4							
	STD	00900	04.57	34.99	27.74	00.708	1484.1							
	OBS	00900	04.57	34.995	27.74		1484.1							
	STD	01000	04.46	35.00	27.76	00.754	1485.3							
	OBS	01000	04.46	35.005	27.76		1485.3							
	OBS	01050	04.37	35.000	27.77		1485.8							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296 YEAR 1972 ROTOP 01536 AIR TEMP 05.0 OIR HGT PER WIND-OIR 13 INST STD RECORDER TEN SQ 1307
 CONSEC 0078 MONTH 05 SHIP EV WET BULR 03.9 26 2 2 WIND-SPD 1? TRACE OIR 0) 5 SQUARE 1
 LAT 42 46 N DAY 09 DATA USE 1 BAROMETR 1022.7 SFA WIND-FJR OUPATION 00.5 2 SQUARE 20
 LONG 050 20 W HOUR 21.2 AREA 05 CLOUD T/A CL/TR WEATHER X? ORIG IIP I13 1 SQUARE 20

CASSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNMPTH	SNO VEL	DRYG	P14	TOT P	NO2	NO3	S133	P4
21.2	STD	00000	05.74	33.22	26.20	00.000	1471.7							
	DRS	00000	05.74	33.220	26.20		1471.7							
	STD	00010	04.45	33.18	26.32	00.01R	1466.5							
	DRS	00010	04.45	33.183	26.32		1466.5							
	DRS	00017	03.88	33.090	26.30		1464.1							
	STD	00020	03.94	33.20	26.39	00.035	1464.5							
	DRS	00020	03.94	33.205	26.39		1464.5							
	DRS	00023	04.10	33.350	26.49		1465.4							
	STD	00030	04.54	33.55	26.60	00.050	1467.7							
	DRS	00040	05.16	33.670	26.63		1470.6							
	DRS	00044	04.54	33.660	26.69		1468.0							
	STD	00050	05.00	33.90	26.83	00.077	1470.4							
	DRS	00050	05.00	33.900	26.83		1470.4							
	STD	00075	00.75	33.70	27.04	00.105	1452.1							
	DRS	00075	00.75	33.700	27.04		1452.1							
	STD	00100	05.40	34.20	27.02	00.131	1473.2							
	DRS	00100	05.40	34.200	27.02		1473.2							
	STD	00125	05.57	34.22	27.01	00.158	1474.4							
	STD	00150	05.75	34.25	27.01	00.185	1475.5							
	DRS	00150	05.75	34.250	27.01		1475.5							
	STD	00200	03.37	34.00	27.08	00.237	1466.1							
	DRS	00200	03.37	34.000	27.08		1466.1							
	DRS	00225	00.40	33.900	27.14		1453.2							
	STD	00250	01.08	33.88	27.16	00.285	1456.8							
	DRS	00250	01.08	33.880	27.16		1456.8							
	DRS	00255	01.50	33.900	27.15		1458.7							
	DRS	00258	01.23	34.040	27.28		1457.8							
	DRS	00260	01.50	34.040	27.26		1453.0							
	DRS	00268	01.18	34.050	27.29		1457.7							
	DRS	00290	04.94	34.500	27.31		1474.9							
	STD	00300	05.00	34.58	27.36	00.327	1475.4							
	DRS	00300	05.00	34.60 P	27.380									
	DRS	00308	05.24	34.580	27.34 *		1476.5							
	DRS	00325	03.27	34.420	27.42		1468.3							
	DRS	00341	02.90	34.400	27.44		1467.0							
	DRS	00350	02.85	34.380	27.43		1466.9							
	STD	00400	03.12	34.52	27.51	00.396	1469.1							
	DRS	00400	03.12	34.520	27.51		1469.1							
	DRS	00430	03.45	34.700	27.62		1471.2							
	DRS	00462	04.76	34.860	27.61		1477.4							
	STD	00500	04.38	34.83	27.63	00.452	1476.5							
	DRS	00500	04.38	34.830	27.63		1476.5							
	DRS	00525	04.15	34.820	27.65		1475.9							
	STD	00600	04.18	34.85	27.67	00.502	1477.3							
	DRS	00600	04.18	34.855	27.67		1477.3							
	STD	00700	04.10	34.88	27.71	00.550	1478.7							
	DRS	00700	04.10	34.885	27.71		1478.7							
	STD	00800	04.08	34.90	27.72	00.597	1480.3							
	DRS	00800	04.08	34.905	27.72		1480.3							
	STD	00900	04.17	34.95	27.75	00.642	1482.4							
	DRS	00940	04.21	34.955	27.75		1483.2							
	DRS	00980	04.08	34.945	27.76		1483.3							
	STD	01000	04.08	34.94	27.76	00.686	1483.7							
	DRS	01000	04.08	34.945	27.76		1483.7							
	DRS	01040	04.15	34.960	27.76		1484.6							
	STD	01100	04.15	34.96	27.76	00.732	1485.7							
	DRS	01100	04.15	34.965	27.76		1485.7							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972—18 June 1972, Prepared from NOIOC Listing No. 31-8296.—Continued

REFID 31 8296 YEAR 1972 BOTOP 00395 AIR TEMP 03.9 OIR HGT PER WIND-DIR 13 INST STO RECORDER TEN SQ 1307
CONSEC 0079 MONTH 05 SHIP EV WET BULB 02.8 26 2 2 WIND-SPD 13 TRACE DIR 0 5 SQUARE 1
LAT 42 52 N DAY 09 DATA USE 1 BAROMETR 1015.9 SEA CL/TR WEATHER X2 DURATION 00.1 2 SQUARE 20
LONG 050 21 W HOUR 22.1 AREA 05 CLOUD T/A

CAS	NUM	TIME	LVL	TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SNO VEL	OXYG	P34	TOT P	NO2	NO3	S133	PH
22.1	STO	00000			00000	02.37	32.84	26.24	00.000	1456.9							
	OBS	00000			00000	02.37	32.840	26.24		1456.9							
	OBS	00007			00007	01.60	32.905	26.35		1453.7							
	STO	00010			00010	01.31	32.90	26.36	00.017	1452.5							
	STO	00020			00020	00.68	32.99	26.39	00.034	1449.8							
	OBS	00020			00020	00.68	32.890	26.39		1449.8							
	STO	00030			00030	00.55	32.86	26.38	00.050	1449.3							
	OBS	00030			00030	00.55	32.865	26.38		1449.3							
	OBS	00037			00037	- 0.20	32.880	26.43		1446.0							
	STO	00050			00050	- 0.76	32.95	26.51	00.082	1443.8							
	OBS	00050			00050	- 0.76	32.950	26.51		1443.8							
	STO	00075			00075	- 1.08	33.01	26.57	00.120	1442.8							
	OBS	00075			00075	- 1.08	33.010	26.57		1442.8							
	OBS	00090			00090	- 1.10	33.050	26.60		1443.0							
	OBS	00093			00093	- 0.93	33.090	26.63		1443.9							
	STO	00100			00100	- 1.01	33.08	26.62	00.156	1443.6							
	OBS	00100			00100	- 1.01	33.080	26.62		1443.6							
	STO	00125			00125	03.51	33.61	26.76	00.190	1466.9							
	OBS	00129			00129	03.66	33.640	26.76		1465.7							
	STO	00150			00150	01.89	33.50	26.80	00.222	1458.2							
	OBS	00150			00150	01.89	33.500	26.80		1458.2							
	OBS	00162			00162	00.93	33.580	26.93		1454.2							
	OBS	00167			00167	01.21	33.585	26.92		1455.6							
	OBS	00187			00187	- 0.63	33.470	26.92		1447.3							
	OBS	00199			00199	- 0.67	33.580	27.01		1447.5							
	STO	00200			00200	- 0.65	33.60	27.03	00.280	1447.6							
	OBS	00200			00200	- 0.65	33.600	27.03		1447.6							
	OBS	00215			00215	- 0.48	33.665	27.07		1448.8							
	OBS	00226			00226	00.57	33.918	27.22		1454.1							
	STO	00250			00250	00.47	33.88	27.20	00.327	1454.0							
	OBS	00250			00250	00.47	33.885	27.20		1454.0							
	OBS	00276			00276	01.10	34.020	27.27		1457.5							
	OBS	00295			00295	01.64	34.085	27.29		1460.3							
	STO	00300			00300	01.64	34.12	27.32	00.369	1460.4							
	OBS	00300			00300	01.64	34.120	27.32		1460.4							
	OBS	00310			00310	01.70	34.140	27.33		1460.9							
	OBS	00327			00327	01.71	34.210	27.38		1461.3							
	OBS	00339			00339	01.90	34.200	27.36		1462.3							
	OBS	00345			00345	01.85	34.200	27.36		1462.2							

REFID 31 8296 YEAR 1972 BOTOP 00091 AIR TEMP 03.9 OIR HGT PER WIND-DIR 03 INST STO RECORDER TEN SQ 1307
CONSEC 0080 MONTH 05 SHIP EV WET BULB 02.8 26 2 2 WIND-SPD 13 TRACE DIR 0 5 SQUARE 1
LAT 43 03 N DAY 10 DATA USE 1 BAROMETR 1022.7 SEA CL/TR WEATHER X2 DURATION 00.1 2 SQUARE 20
LONG 050 14 W HOUR 00.5 AREA 05 CLOUD T/A

CAS	NUM	TIME	LVL	TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SNO VEL	OXYG	P34	TOT P	NO2	NO3	S133	PH
00.5	STO	00000			00000	02.91	32.72	26.26	00.000	1459.4							
	OBS	00000			00000	02.91	32.920	26.26		1459.4							
	OBS	00005			00005	02.85	32.920	26.26		1459.2							
	STO	00010			00010	02.40	32.90	26.28	00.018	1457.3							
	OBS	00010			00010	02.40	32.900	26.28		1457.3							
	STO	00020			00020	01.35	32.86	26.33	00.035	1452.8							
	STO	00030			00030	00.60	32.83	26.35	00.052	1449.5							
	OBS	00030			00030	00.60	32.830	26.35		1449.5							
	OBS	00037			00037	00.25	32.920	26.44		1448.2							
	OBS	00045			00045	- 0.40	32.750	26.49		1445.3							
	STO	00050			00050	- 0.52	32.76	26.51	00.084	1444.9							
	OBS	00050			00050	- 0.52	32.965	26.51		1444.9							
	OBS	00054			00054	- 0.67	32.970	26.52		1444.3							
	OBS	00059			00059	- 0.67	33.000	26.54		1444.4							
	OBS	00064			00064	- 0.84	33.110	26.56		1443.7							
	STO	00075			00075	- 0.86	33.13	26.57	00.121	1443.8							
	OBS	00075			00075	- 0.86	33.030	26.57		1443.8							
	OBS	00077			00077	- 0.86	33.030	26.57		1443.8							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REFID 31 8296 YEAR 1972 STATION 0006H AIR TEMP 01.9 DIR HGT PER WIND-DIR 13 INST STD RECORDER TEN SQ 1307
CONSEC 0081 MONTH 05 SHIP EV WET BULB 03.3 26 2 2 WIND-SPD 11 TRACE DIR 0 5 SQUARE 1
LAT 43 14 N DAY 13 DATA USE 1 BAROMETR 1022.4 SEA WIND-FOR DURATION 00.1 2 SQUARE 20
LONG 050 18 W HOUR 01.9 AREA 05 CLOUD T/A CL/TR WEATHER X2 ORIG IIP 110 1 SQUARE 30

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	XYG	P34	TOT P	N02	N03	S133	P4
01.9	STD	00000	04.21	32.90	26.12	00.000	1464.9							
	DRS	00000	04.21	32.900	26.12		1464.9							
	DRS	00004	04.22	32.910	26.13		1465.0							
	STD	00010	03.15	32.90	26.14	00.019	1460.4							
	DRS	00010	03.15	32.800	26.14		1460.4							
	STD	00020	- 0.27	32.90	26.17	00.037	1445.3							
	DRS	00020	- 0.27	32.800	26.17		1445.3							
	DRS	00026	- 0.17	33.010	26.53		1446.2							
	STD	00033	- 0.15	33.01	26.53	00.053	1446.3							
	DRS	00033	- 0.15	33.010	26.53		1446.3							
	DRS	00035	- 0.14	33.020	26.54		1446.5							
	DRS	00036	- 0.10	33.020	26.54		1446.7							
	STD	00053	- 0.08	33.03	26.54	00.083	1447.0							
	DRS	00053	- 0.08	33.030	26.54		1447.0							
	DRS	00054	- 0.07	33.030	26.54		1447.1							

REFID 31 8296 YEAR 1972 STATION 0007I AIR TEMP 08.9 DIR HGT PER WIND-DIR 13 INST STD RECORDER TEN SQ 1306
CONSEC 0082 MONTH 05 SHIP EV WET BULB 07.8 09 0 X WIND-SPD 13 TRACE DIR 0 5 SQUARE 2
LAT 43 20 N DAY 10 DATA USE 1 BAROMETR 1021.3 SEA WIND-FOR DURATION 00.1 2 SQUARE 28
LONG 049 47 W HOUR 04.3 AREA 05 CLOUD T/A CL/TR WEATHER X5 ORIG IIP 110 1 SQUARE 39

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	XYG	P34	TOT P	N02	N03	S133	P4
04.3	STD	00000	01.36	32.88	26.35	00.000	1452.5							
	DRS	00000	01.36	32.885	26.35		1452.5							
	STD	00010	00.41	32.84	26.37	00.017	1448.3							
	DRS	00010	00.41	32.840	26.37		1448.3							
	STD	00020	- 0.46	32.95	26.49	00.033	1444.7							
	DRS	00020	- 0.46	32.950	26.49		1444.7							
	STD	00030	- 0.50	32.94	26.49	00.048	1444.6							
	DRS	00030	- 0.50	32.945	26.49		1444.6							
	DRS	00045	- 0.79	32.990	26.54		1443.6							
	STD	00050	- 0.81	32.99	26.54	00.079	1443.6							
	DRS	00050	- 0.81	32.990	26.54		1443.6							
	DRS	00059	- 0.82	32.990	26.54		1443.7							

REFID 31 8296 YEAR 1972 STATION 00199 AIR TEMP 02.2 DIR HGT PER WIND-DIR 12 INST STD RECORDER TEN SQ 1306
CONSEC 0083 MONTH 05 SHIP EV WET BULB 02.2 09 0 X WIND-SPD 12 TRACE DIR 0 5 SQUARE 2
LAT 43 17 N DAY 10 DATA USE 1 BAROMETR 1021.3 SEA WIND-FOR DURATION 00.1 2 SQUARE 28
LONG 049 41 W HOUR 15.2 AREA 05 CLOUD T/A CL/TR WEATHER X5 ORIG IIP 110 1 SQUARE 39

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	XYG	P34	TOT P	N02	N03	S133	P4
05.2	STD	00000	01.22	32.78	26.27	00.000	1451.8							
	DRS	00000	01.22	32.780	26.27		1451.8							
	STD	00010	00.26	32.87	26.40	00.017	1447.7							
	DRS	00010	00.26	32.870	26.40		1447.7							
	STD	00020	- 0.14	32.96	26.41	00.033	1446.0							
	DRS	00020	- 0.14	32.960	26.41		1446.0							
	STD	00030	- 0.44	32.95	26.41	00.050	1444.8							
	DRS	00030	- 0.44	32.950	26.41		1444.8							
	DRS	00045	- 0.97	32.910	26.48		1442.6							
	STD	00050	- 1.07	33.01	26.57	00.081	1442.4							
	DRS	00050	- 1.07	33.010	26.57		1442.4							
	DRS	00055	- 1.11	33.085	26.63		1442.4							
	STD	00075	- 1.03	33.13	26.66	00.116	1442.9							
	DRS	00075	- 1.09	33.125	26.66		1442.9							
	DRS	00077	- 1.12	33.130	26.66		1442.8							
	DRS	00084	- 1.09	33.155	26.68		1443.1							
	DRS	00095	- 1.10	33.185	26.71		1443.2							
	STD	00100	- 1.06	33.23	26.74	00.150	1443.6							
	DRS	00100	- 1.06	33.230	26.74		1443.6							
	DRS	00116	- 1.04	33.270	26.77		1444.0							
	STD	00125	- 0.96	33.32	26.81	00.182	1444.6							
	DRS	00125	- 0.96	33.320	26.81		1444.6							
	DRS	00145	- 0.87	33.440	26.91		1445.5							
	STD	00150	- 0.82	33.45	26.91	00.212	1445.8							
	DRS	00150	- 0.82	33.450	26.91		1445.8							
	DRS	00154	- 0.79	33.460	26.92		1446.1							
	DRS	00160	- 0.78	33.470	26.93		1446.2							
	DRS	00162	- 0.74	33.515	26.96		1446.5							
	DRS	00181	- 0.73	33.490	26.94		1446.8							

TABLE XIII. Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31 8296.- Continued

WFTID 31 8296 YEAR 1972 STATION 00522 AIR TEMP 02.4 OIR HGT PFR WIND-OIR INST STD RECORDER TEN SQ 1306
 CONSEC 0084 MONTH 05 SHIP EV WFT HULR 01-7 09 0 2 WIND-SPO TRACF OIR 0 5 SQUARE 2
 LAT 43 02 N DAY 13 DATA USE 1 BAROMETR 1021.0 SFA WEATHFR X2 DURATION 00.3 2 SQUARE 28
 LONG 049 36 W HOUR 07.2 AREA 05 CLOUD T/A CL/T/P WEATHFR X2 ORIG IIP 110 1 SQUARE 39

CASNUM/TIME	LEVEL	DEPTH	TEMP	SAL	SIGMA-T	SYNDEPTH	SND VEL	XYG	P14	TOT P	NO2	NO3	ST13	PH
06.2	STD	00000	01.25	32.69	26.20	00.000	1451.8							
	ONS	00000	01.25	32.690	26.20		1451.8							
	ONS	00005	00.36	32.785	26.32		1447.9							
	STD	00010	00.21	32.83	26.37	00.017	1447.4							
	ONS	00010	00.21	32.830	26.37		1447.4							
	ONS	00012	00.26	32.940	26.38		1446.8							
	ONS	00015	00.01	32.855	26.40		1446.6							
	STD	00020	- 0.39	32.88	26.43	00.034	1444.9							
	STD	00030	- 1.09	32.91	26.49	00.050	1441.8							
	ONS	00030	- 1.09	32.915	26.49		1441.8							
	ONS	00044	- 1.31	32.940	26.52		1441.1							
	STD	00050	- 1.37	33.06	26.61	00.079	1441.0							
	ONS	00050	- 1.37	33.060	26.61		1441.0							
	ONS	00053	- 1.39	33.095	26.64		1441.1							
	ONS	00055	- 1.37	33.135	26.68		1441.2							
	ONS	00060	- 1.38	33.145	26.68		1441.3							
	STD	00075	- 1.07	33.31	26.81	00.113	1443.2							
	ONS	00075	- 1.07	33.310	26.81		1443.2							
	ONS	00085	- 0.97	33.375	26.86		1443.9							
	STD	00100	- 0.93	33.39	26.87	00.143	1444.4							
	ONS	00100	- 0.93	33.395	26.87		1444.4							
	STD	00125	- 0.87	33.43	26.90	00.172	1445.1							
	ONS	00125	- 0.87	33.430	26.90		1445.1							
	STD	00150	- 0.83	33.44	26.91	00.201	1445.8							
	ONS	00150	- 0.83	33.445	26.91		1445.8							
	ONS	00160	- 0.74	33.470	26.93		1446.4							
	ONS	00180	- 0.74	33.510	26.96		1446.8							
	STD	00200	- 0.66	33.56	27.00	00.257	1447.5							
	ONS	00200	- 0.66	33.560	27.00		1447.5							
	ONS	00225	- 0.53	33.645	27.06		1448.7							
	ONS	00234	- 0.53	33.675	27.08		1448.9							
	STD	00250	- 0.29	33.80	27.17	00.306	1452.4							
	ONS	00250	- 0.29	33.800	27.17		1452.4							
	ONS	00260	- 0.15	33.820	27.18		1451.3							
	ONS	00270	00.51	33.935	27.24		1456.6							
	ONS	00289	00.88	34.100	27.35		1456.8							
	ONS	00295	01.21	34.100	27.33		1458.4							
	STD	00300	01.26	34.12	27.34	00.347	1458.7							
	ONS	00300	01.26	34.120	27.34		1458.7							
	ONS	00315	01.33	34.125	27.34		1459.6							
	ONS	00355	01.63	34.225	27.40		1461.4							
	ONS	00385	03.38	34.485	27.46		1469.9							
	ONS	00395	02.57	34.425	27.49		1466.5							
	STD	00400	02.58	34.43	27.49	00.415	1466.6							
	ONS	00400	02.58	34.430	27.49		1466.6							
	ONS	00425	02.75	34.490	27.52		1467.8							
	STD	00500	03.88	34.74	27.62	00.473	1474.2							
	ONS	00500	03.88	34.745	27.62		1474.2							
	ONS	00510	03.95	34.780	27.64		1474.8							
	ONS	00520	03.87	34.770	27.64		1474.6							
	ONS	00550	04.01	34.805	27.65		1475.7							
	STD	00600	04.08	34.83	27.66	00.524	1476.9							
	ONS	00600	04.08	34.830	27.66		1476.9							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8206.—Continued

REFID 31 8296 YEAR 1972 RQIDP 01756 AIP TEMP 05.0 DIR HGT PER 41ND-DIR 12 INST STO RECORDER TEN SJ 1306
 CONSEC 0085 MONTH 05 SHIP EV WET BULB 01.9 26 2 2 WIND-SPD 12 TRACE DIR 3 5 SQUARE 2
 LAT 42 52 N DAY 10 DATA USE 1 BAROMETER 1020.0 SEA 41ND-FLR WEATHER X3 DURATION 00-3 2 SQUARE 28
 LONG 049 32 W HOUR 08.2 AREA 05 CLOUD T/A CL/TR WEATHER X3 ORIG IIP 110 1 SQUARE 29

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	XYG	P16	TOT P	NO2	NO3	SI33	P4
08.2	STO	00000	01.04	32.85	26.34	00.000	1451.0							
	OBS	00000	01.04	32.850	26.34		1451.0							
	STO	00010	00.10	32.85	26.39	00.017	1446.9							
	OBS	00010	00.10	32.850	26.39		1446.9							
	STO	00020	- 0.64	32.84	26.41	00.033	1443.7							
	OBS	00020	- 0.64	32.840	26.41		1443.7							
	STO	00030	- 0.76	32.98	26.53	00.049	1443.5							
	OBS	00030	- 0.76	32.785	26.53		1443.5							
	STO	00040	- 0.96	33.100	26.63		1442.8							
	OBS	00040	- 0.96	33.190	26.63		1442.8							
	STO	00050	- 0.90	33.14	26.66	00.078	1443.4							
	OBS	00050	- 0.90	33.140	26.66		1443.4							
	STO	00055	- 1.07	33.150	26.68		1442.7							
	OBS	00060	- 0.90	33.180	26.70		1443.6							
	STO	00065	- 1.09	33.235	26.75		1442.9							
	OBS	00065	- 1.09	33.235	26.75		1442.9							
	STO	00075	- 0.96	33.29	26.79	00.111	1443.7							
	OBS	00075	- 0.96	33.290	26.79		1443.7							
	STO	00080	- 0.94	33.330	26.82		1443.9							
	OBS	00080	- 0.94	33.330	26.82		1443.9							
	STO	00090	- 0.96	33.370	26.95		1444.1							
	OBS	00090	- 0.96	33.370	26.95		1444.1							
	STO	00100	- 0.89	33.42	26.89	00.141	1444.6							
	OBS	00100	- 0.89	33.425	26.89		1444.6							
	STO	00125	- 0.61	33.59	27.02	00.169	1446.6							
	OBS	00125	- 0.61	33.590	27.02		1446.6							
	STO	00135	- 0.58	33.595	27.02		1446.9							
	OBS	00135	- 0.58	33.595	27.02		1446.9							
	STO	00150	- 0.63	33.62	27.04	00.194	1446.9							
	OBS	00150	- 0.63	33.620	27.04		1446.9							
	STO	00181	- 0.22	33.730	27.11		1449.5							
	OBS	00181	- 0.22	33.730	27.11		1449.5							
	STO	00200	- 0.06	33.83	27.19	00.242	1450.7							
	OBS	00200	- 0.06	33.835	27.19		1450.7							
	STO	00227	00.85	34.090	27.35		1455.6							
	OBS	00227	00.85	34.090	27.35		1455.6							
	STO	00240	01.72	34.230	27.40		1459.9							
	OBS	00240	01.72	34.230	27.40		1459.9							
	STO	00250	01.75	34.23	27.40	00.282	1460.2							
	OBS	00250	01.75	34.230	27.40		1460.2							
	STO	00260	01.76	34.250	27.41		1460.5							
	OBS	00260	01.76	34.250	27.41		1460.5							
	STO	00280	02.51	34.410	27.48		1464.3							
	OBS	00280	02.51	34.410	27.48		1464.3							
	STO	00300	02.75	34.45	27.49	00.315	1465.7							
	OBS	00300	02.75	34.455	27.49		1465.7							
	STO	00330	03.49	34.630	27.57		1469.6							
	OBS	00330	03.49	34.630	27.57		1469.6							
	STO	00340	03.66	34.750	27.64		1470.7							
	OBS	00340	03.66	34.750	27.64		1470.7							
	STO	00354	03.68	34.740	27.63		1471.0							
	OBS	00354	03.68	34.740	27.63		1471.0							
	STO	00390	04.33	34.820	27.63		1474.4							
	OBS	00390	04.33	34.820	27.63		1474.4							
	STO	00400	04.32	34.79	27.61	00.372	1474.5							
	OBS	00400	04.32	34.795	27.61		1474.5							
	STO	00430	04.03	34.785	27.63		1473.8							
	OBS	00430	04.03	34.785	27.63		1473.8							
	STO	00500	04.16	34.84	27.66	00.423	1475.6							
	OBS	00500	04.16	34.840	27.66		1475.6							
	STO	00600	04.23	34.88	27.69	00.471	1477.6							
	OBS	00600	04.23	34.880	27.69		1477.6							
	STO	00700	04.20	34.89	27.70	00.518	1479.1							
	OBS	00700	04.20	34.890	27.70		1479.1							
	STO	00800	04.13	34.90	27.72	00.565	1480.5							
	OBS	00800	04.13	34.905	27.72		1480.5							
	STO	00850	04.11	34.910	27.72		1481.2							
	OBS	00850	04.11	34.910	27.72		1481.2							
	STO	00860	04.15	34.920	27.73		1481.6							
	OBS	00860	04.15	34.920	27.73		1481.6							
	STO	00900	04.15	34.92	27.73	00.612	1482.3							
	OBS	00900	04.15	34.920	27.73		1482.3							
	STO	01000	04.15	34.93	27.74	00.658	1483.9							
	OBS	01000	04.15	34.930	27.74		1483.9							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REFID 31 8296 YEAR 1972 HOTDP 02487 AIR TEMP 05.6 DIR HGT P/R WIND-DIR 15 INST STD RECORDER TEN SQ 1306
 CONSEC 0086 MONTH 05 SHIP EV WFT HULR 04.4 26 2 3 WIND-SPD 12 TRACE OIR 0 5 SQUARE 2
 LAT 42 35 N DAY 10 DATA USE 1 BAROMETR 1019.0 SEA WIND-F 3R DURATION 00.3 2 SQUARE 28
 LONG 049 28 W HOUR 10.8 AREA 05 CLOUD 7/4 CL/TR WEATHER 45 ORIG TIP 110 1 SQUARE 29

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	DOXYG	P34	TDT P	N02	N03	S133	PH
13.8	STD	00000	01.51	32.33	26.30	00.000	1453.1							
	DRS	00000	01.51	32.435	26.30		1453.1							
	STD	00010	00.68	33.05	25.52	00.016	1449.9							
	DRS	00010	00.68	33.050	25.52		1449.9							
	DRS	00015	01.34	33.390	26.75		1453.4							
	STD	00020	01.67	33.49	26.61	00.030	1455.1							
	STD	00030	02.26	33.65	25.89	00.042	1458.0							
	DRS	00030	02.26	33.650	26.89		1458.0							
	DRS	00038	02.66	33.740	26.93		1460.0							
	DRS	00040	02.70	33.755	26.94		1460.3							
	STD	00050	03.31	33.88	26.98	00.065	1463.2							
	DRS	00050	03.31	33.875	26.98		1463.2							
	DRS	00065	00.53	33.620	26.99		1450.9							
	STD	00075	01.11	33.69	27.01	00.092	1453.7							
	DRS	00075	01.11	33.690	27.01		1453.7							
	DRS	00087	00.62	33.715	27.06		1451.8							
	DRS	00091	00.76	33.730	27.06		1452.5							
	STD	00100	00.24	33.73	27.09	00.117	1450.2							
	DRS	00100	00.23	33.730	27.09		1450.2							
	DRS	00106	00.20	33.785	27.14		1450.3							
	DRS	00120	01.26	33.970	27.22		1455.5							
	STD	00125	01.16	33.98	27.24	00.140	1455.2							
	DRS	00125	01.16	33.980	27.24		1455.2							
	STD	00150	02.51	34.13	27.26	00.161	1461.8							
	DRS	00150	02.51	34.130	27.26		1461.8							
	DRS	00160	01.50	34.135	27.34		1457.5							
	DRS	00175	03.46	34.450	27.42		1466.7							
	DRS	00192	03.53	34.445	27.41		1467.3							
	STD	00200	03.36	34.44	27.43	00.199	1466.7							
	DRS	00200	03.36	34.440	27.43		1466.7							
	DRS	00215	02.33	34.320	27.42		1462.3							
	DRS	00242	04.35	34.668	27.51		1471.9							
	STD	00250	04.12	34.61	27.49	00.231	1471.0							
	DRS	00250	04.12	34.615	27.49		1471.0							
	DRS	00272	03.34	34.490	27.47		1467.8							
	STD	00300	05.02	34.91	27.63	00.260	1475.9							
	DRS	00300	05.02	34.915	27.63		1475.9							
	DRS	00312	04.81	34.890	27.63		1476.2							
	DRS	00395	04.85	34.930	27.66		1476.8							
	STD	00400	04.69	34.90	27.65	00.310	1476.2							
	DRS	00400	04.69	34.899	27.65		1476.2							
	DRS	00425	04.53	34.885	27.67		1475.9							
	DRS	00475	04.47	34.895	27.67		1476.5							
	STD	00500	04.25	34.86	27.67	00.359	1476.0							
	DRS	00500	04.25	34.865	27.67		1476.0							
	DRS	00516	04.13	34.870	27.69		1475.7							
	DRS	00554	04.13	34.890	27.71		1476.4							
	STD	00600	04.23	34.91	27.71	00.405	1477.6							
	DRS	00600	04.23	34.910	27.71		1477.6							
	DRS	00635	04.09	34.900	27.72		1477.6							
	STD	00700	04.05	34.90	27.73	00.450	1478.5							
	DRS	00700	04.05	34.905	27.73		1478.5							
	STD	00800	04.04	34.91	27.73	00.495	1480.1							
	DRS	00800	04.04	34.913	27.73		1480.1							
	DRS	00825	04.08	34.937	27.75		1481.7							
	STD	00900	04.02	34.92	27.74	00.540	1481.7							
	DRS	00900	04.02	34.923	27.74		1481.7							
	STD	01000	04.02	34.93	27.75	00.585	1483.4							
	DRS	01000	04.02	34.934	27.75		1483.4							
	DRS	01052	04.00	34.938	27.76		1484.2							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 3246 YEAR 1972 HOTDP 03017 AIR TEMP 07.2 OIR HGT RFR WIND-DIR 13 INST STD RECORDER TEN SO 1306
 GUNSEC 0087 MONTH 05 SHIP EV WET HULR 07.2 17 2 2 WIND-SPO 14 TRACE OIP 3 5 SQUARE 2
 LAT 42 26 N DAY 17 DATA USE 1 BAROMETR 1018.6 SFA WIND-FIR 14 DURATION 00.2 2 SQUARE 2
 LONG 047 25 W HOUR 13.2 AREA 05 CLOUD T/A CLTRA WEATHER X5 ORIG IIP 110 1 SQUARE 29

CASTNUM/TIME	LVL/TYPE	DEPTH	TEMP	SAL	SIGMA-T	OYNDEPTH	SND VEL	OXYG	P34	TOT P	472	NO3	SI03	PH
	STD	00000	01.34	32.95	26.32	00.000	1452.4							
13.2	DBS	00003	01.34	32.850	26.32		1452.4							
	STD	00010	00.07	32.43	26.38	00.017	1446.9							
	DBS	00010	00.07	32.830	26.38		1446.8							
	STD	00020	-0.66	33.01	26.55	00.033	1443.8							
	DBS	00020	-0.66	33.010	26.55		1443.8							
	STD	00030	-0.85	33.24	26.74	00.047	1443.4							
	DBS	00030	-0.85	33.240	26.74		1443.4							
	STD	00050	-0.98	33.34	26.83	00.072	1443.3							
	DBS	00050	-0.98	33.345	26.83		1443.3							
	STD	00075	01.76	33.55	26.85	00.102	1456.4							
	DBS	00075	01.76	33.550	26.85		1456.4							
	STD	00100	01.68	33.83	27.08	00.130	1456.9							
	DBS	00100	01.68	33.830	27.08		1456.9							
	DBS	00112	-0.05	33.730	27.11		1449.1							
	STD	00125	00.26	33.83	27.17	00.154	1450.9							
	DBS	00125	00.26	33.830	27.17		1450.9							
	STD	00150	00.80	33.97	27.25	00.175	1454.0							
	DBS	00150	00.80	33.970	27.25		1454.0							
	STD	00200	03.65	34.42	27.38	00.214	1467.9							
	DBS	00221	04.24	34.580	27.44		1471.1							
	DBS	00240	04.59	34.710	27.51		1472.9							
	STD	00250	04.27	34.65	27.51	00.247	1471.6							
	DBS	00250	04.27	34.655	27.51		1471.6							
	STD	00300	05.17	34.85	27.56	00.277	1476.5							
	DBS	00300	05.17	34.855	27.56		1476.5							
	DBS	00319	04.94	34.880	27.61		1475.9							
	DBS	00350	05.37	34.980	27.64		1478.3							
	STD	00400	05.18	34.92	27.62	00.332	1478.2							
	DBS	00400	05.18	34.925	27.62		1478.2							
	DBS	00410	04.90	34.945	27.66		1477.3							
	DBS	00432	05.14	34.965	27.65		1478.7							
	DBS	00470	05.07	34.975	27.67		1479.0							
	STD	00500	04.65	34.93	27.69	00.383	1477.7							
	DBS	00507	04.65	34.935	27.69		1477.7							
	DBS	00520	04.85	34.960	27.68		1478.9							
	DBS	00550	04.51	34.928	27.70		1478.0							
	STD	00600	04.34	34.92	27.71	00.429	1478.3							
	DBS	00600	04.34	34.925	27.71		1478.3							
	STD	00700	04.38	34.92	27.71	00.476	1479.9							
	DBS	00700	04.38	34.925	27.71		1479.9							
	STD	00800	04.14	34.34	27.74	00.527	1480.8							
	DBS	00800	04.14	34.340	27.74		1480.8							
	STD	00900	04.08	34.94	27.75	00.566	1482.0							
	DBS	00900	04.08	34.940	27.75		1482.0							
	STD	01000	04.01	34.94	27.76	00.611	1483.4							
	DBS	01000	04.01	34.940	27.76		1483.4							
	DBS	01030	03.94	34.935	27.76		1483.6							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296. Continued

REFID 31 9296	YEAR 1972	BOTOP 03237	AIR TEMP 11.1	OIR HGT PER	#WNO-OIR 71	INST STO RECNOER	TEN SQ 1306
CONSEC 0088	MONTH 05	SHIP EV	WET BULB 10.0	17 L X	WIND-SPD 15	TRAC DIR 0	5 SQJARE 2
LAT 41 57 N	DAY 10	DATA USE 1	BAROMETR 1017.3	SEA	WIND-FJR	DURATION 07.3	2 SQUARE 08
LONG 049 12 W	HOUR 17-0	AREA 05	CLOUD T/A	CL/T/A	WEATHER X4	ORIG IIP 110	1 SQJARE 19

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SND VEL	CHYG	P34	TOT P	NO2	NO3	SI33	P4
17.0	STD	00000	04.14	33.17	25.34	00.000	1465.0							
	ONS	00000	04.14	33.170	26.34		1465.0							
	STD	00010	04.17	33.38	26.50	00.016	1465.6							
	STD	00020	04.25	33.56	26.64	00.031	1466.3							
	ONS	00020	04.25	33.560	26.64		1466.3							
	ONS	00027	04.33	33.670	26.72		1466.9							
	STD	00030	04.26	33.65	26.71	00.045	1466.6							
	ONS	00030	04.26	33.650	26.71		1466.6							
	ONS	00040	03.91	33.690	26.78		1465.4							
	STD	00050	03.69	33.67	26.79	00.071	1466.6							
	ONS	00050	03.69	33.675	26.79		1466.6							
	ONS	00058	03.65	33.745	26.85		1466.6							
	ONS	00072	03.84	33.805	26.87		1465.8							
	STD	00075	03.65	33.79	26.88	00.102	1465.0							
	ONS	00075	03.65	33.790	26.88		1465.0							
	ONS	00085	04.05	33.895	26.92		1467.0							
	STD	00100	02.77	33.98	27.11	00.129	1461.9							
	ONS	00100	02.77	33.980	27.11		1461.9							
	ONS	00109	02.66	34.060	27.19		1461.7							
	STD	00125	03.94	34.31	27.27	00.151	1467.7							
	ONS	00125	03.94	34.310	27.27		1467.7							
	ONS	00145	03.78	34.330	27.30		1467.4							
	STD	00150	03.85	34.34	27.30	00.171	1467.8							
	ONS	00150	03.85	34.340	27.30		1467.8							
	ONS	00160	04.16	34.475	27.37		1469.5							
	ONS	00172	04.41	34.490	27.36		1470.7							
	ONS	00190	05.17	34.730	27.46		1474.5							
	STD	00200	05.22	34.75	27.48	00.207	1474.9							
	ONS	00200	05.22	34.755	27.48		1474.9							
	ONS	00230	05.36	34.755	27.46		1475.9							
	STD	00250	05.31	34.78	27.49	00.239	1476.1							
	ONS	00250	05.31	34.780	27.49		1476.1							
	ONS	00280	04.18	34.710	27.56		1471.8							
	STD	00300	04.14	34.69	27.55	00.269	1472.0							
	ONS	00300	04.14	34.695	27.55		1472.0							
	ONS	00339	03.60	34.685	27.60		1470.3							
	STD	00400	03.98	34.77	27.63	00.324	1473.1							
	ONS	00400	03.98	34.770	27.63		1473.1							
	STD	00500	04.36	34.88	27.67	00.374	1476.4							
	ONS	00500	04.36	34.875	27.67		1476.4							
	ONS	00528	04.71	34.945	27.69		1478.4							
	STD	00600	04.57	34.93	27.69	00.422	1479.0							
	ONS	00600	04.57	34.935	27.69		1479.0							
	STD	00700	04.30	34.92	27.71	00.469	1479.6							
	ONS	00700	04.30	34.920	27.71		1479.6							
	STD	00800	04.27	34.93	27.72	00.515	1481.1							
	ONS	00800	04.27	34.930	27.72		1481.1							
	ONS	00820	04.20	34.928	27.73		1481.1							
	ONS	00882	04.27	34.955	27.74		1482.5							
	STD	00900	04.08	34.92	27.74	00.561	1482.0							
	ONS	00900	04.08	34.920	27.74		1482.0							
	STD	01000	04.04	34.93	27.75	00.607	1483.5							
	ONS	01000	04.04	34.931	27.75		1483.5							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 4296 YEAR 1972 BOTOP 03456 AIR TEMP 15.6 DIR HGT PER WIND-DIR 2? INST STD RECORDER TEN SQ 1306
 CONSEC 0089 MONTH 05 SHIP EV WFT BULR 14.4 12 1 2 WIND-SPD 15 TRACE DIR 0 5 SQUARE 2
 LAT 41 27 N DAY 10 DATA USE 1 BAROMETR 0999.8 SEA WIND-FTH DURATION 09.5 2 SQUARE 08
 LONG 048 49 W HOUR 23.0 AREA 05 CLOUD T/4 CL/TR WFATMFT 2? ORIG IIP 113 1 SQUARE 18

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	OMNPTH	SND VEL	JXYG	P34	TOT P	NO2	NO3	SI33	P4
21.0	STD	00000	10.64	33.72	25.86	00.000	1491.1							
	ONS	00000	10.64	33.720	25.86		1491.1							
	STD	00010	12.58	34.75	26.30	00.019	1499.3							
	ONS	00010	12.58	34.750	26.30		1499.3							
	STD	00020	12.56	34.89	26.41	00.036	1499.6							
	ONS	00020	12.56	34.890	26.41		1499.6							
	STD	00030	11.06	34.89	26.70	00.051	1494.5							
	ONS	00030	11.06	34.890	26.70		1494.5							
	STD	00050	11.07	34.90	26.70	00.078	1494.9							
	STD	00075	11.07	34.93	26.73	00.112	1495.4							
	STD	00100	11.08	34.99	26.77	00.145	1495.9							
	ONS	00100	11.08	34.990	26.77		1495.9							
	STD	00125	11.18	35.11	26.84	00.177	1496.8							
	STD	00150	11.29	35.19	26.89	00.208	1497.7							
	ONS	00150	11.29	35.190	26.89		1497.7							
	ONS	00173	10.68	35.240	27.04		1496.0							
	STD	00200	11.00	35.34	27.06	00.265	1497.7							
	ONS	00200	11.00	35.340	27.06		1497.7							
	STD	00250	09.36	35.08	27.14	00.316	1492.2							
	ONS	00250	09.36	35.080	27.14		1492.2							
	ONS	00275	08.76	35.010	27.18		1490.3							
	STD	00300	08.57	35.03	27.23	00.363	1490.0							
	ONS	00300	08.57	35.028	27.23		1490.0							
	ONS	00305	08.38	35.030	27.26		1489.4							
	ONS	00312	08.70	35.090	27.26		1490.8							
	ONS	00330	07.51	34.900	27.29		1486.3							
	STD	00400	06.49	34.84	27.38	00.447	1483.4							
	ONS	00400	06.49	34.840	27.38		1483.4							
	ONS	00421	06.68	34.950	27.44		1484.6							
	ONS	00455	05.87	34.840	27.46		1481.8							
	ONS	00488	03.30	34.489	27.47		1471.2							
	STD	00500	03.75	34.56	27.49	00.517	1473.5							
	ONS	00500	03.75	34.565	27.49		1473.5							
	ONS	00511	04.53	34.790	27.58		1477.2							
	ONS	00514	04.23	34.740	27.58		1475.9							
	ONS	00560	05.53	34.945	27.59		1482.3							
	STD	00600	05.16	34.93	27.62	00.577	1481.5							
	ONS	00600	05.16	34.930	27.62		1481.5							
	ONS	00632	05.26	34.972	27.64		1482.5							
	ONS	00660	05.25	34.980	27.65		1482.9							
	STD	00700	05.14	34.98	27.67	00.631	1483.1							
	ONS	00700	05.14	34.984	27.67		1483.1							
	STD	00800	04.71	34.97	27.71	00.681	1483.0							
	ONS	00800	04.71	34.975	27.71		1483.0							
	ONS	00815	04.66	34.980	27.72		1483.0							
	ONS	00845	04.65	34.982	27.72		1484.2							
	STD	00900	04.58	34.99	27.74	00.729	1484.1							
	ONS	00900	04.58	34.990	27.74		1484.1							
	STD	01000	04.39	34.98	27.75	00.775	1485.0							
	ONS	01000	04.39	34.985	27.75		1485.0							

TABLE XIII.— Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31 8296.—Continued

REF ID: A1 R296 YEAR: 1972 HOTDR: 02TR4 AIR TEMP: 17.8 DIR HGT PER: WIND-DIR: 21 INST. STO RECORDER: TEN SQ 1306
 CONSEC: 0090 MONTH: 05 SHIP LV: WET BULB: 16.7 10 3 2 WIND-SPD: 37 TRACE DIR: 0 5 SQUARE: 2
 LAT: 41 02 N DAY: 11 DATA USE: 1 BAROMETR: 1013.9 SEA WIND-FTR: 00RATTON: 00.5 2 SQUARE: 08
 LONG: 744 30 W HOUR: 02.0 AREA: 05 CLOUD: T/A CL/TR: WEATHER: XI ORIG. IIP: 110 1 SQUARE: 18

CASSTNUM/TIME	LEVEL	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	JXYG	P14	TOT P	NO ²	NO ³	S133	P4
02.0	STD	00000	18.17	36.34	26.27	00.000	1518.6							
	URS	00000	18.17	36.340	26.27		1518.6							
	STD	00010	18.18	36.35	26.28	00.018	1518.4							
	URS	00010	18.18	36.350	26.28		1518.4							
	STD	00020	18.11	36.31	26.26	00.035	1518.7							
	URS	00020	18.11	36.310	26.26		1518.7							
	STD	00030	17.61	36.34	26.41	00.052	1517.5							
	URS	00030	17.61	36.340	26.41		1517.5							
	URS	00032	17.58	36.370	26.44		1517.4							
	URS	00040	17.59	36.370	26.44		1517.6							
	STD	00050	17.56	36.36	26.44	00.085	1517.7							
	URS	00050	17.56	36.365	26.44		1517.7							
	STD	00075	17.39	36.36	26.48	00.125	1517.6							
	URS	00075	17.39	36.360	26.48		1517.6							
	STD	00100	17.26	36.33	26.49	00.164	1517.6							
	URS	00100	17.26	36.335	26.49		1517.6							
	STD	00125	16.96	36.32	26.55	00.203	1517.1							
	URS	00125	16.96	36.320	26.55		1517.1							
	STD	00150	16.84	36.29	26.56	00.242	1517.1							
	URS	00150	16.84	36.290	26.56		1517.1							
	URS	00170	16.61	36.250	26.58		1516.7							
	URS	00190	15.64	36.030	26.64		1513.8							
	STD	00200	15.31	35.94	26.64	00.317	1512.8							
	URS	00200	15.31	35.940	26.64		1512.8							
	STD	00250	14.11	35.77	26.78	00.387	1509.6							
	URS	00250	14.11	35.770	26.78		1509.6							
	URS	00290	12.28	35.305	26.79		1503.6							
	STD	00300	12.67	35.47	26.84	00.453	1505.3							
	URS	00300	12.67	35.470	26.84		1505.3							
	URS	00315	13.07	35.660	26.91		1507.1							
	URS	00340	11.51	35.240	26.89		1501.6							
	STD	00400	09.76	35.05	27.05	00.574	1496.1							
	URS	00400	09.76	35.050	27.05		1496.1							
	URS	00413	09.03	34.950	27.09		1493.5							
	URS	00437	07.26	34.680	27.15		1486.8							
	URS	00465	08.36	34.950	27.20		1491.9							
	STD	00500	06.27	34.61	27.23	00.675	1483.9							
	URS	00500	06.27	34.610	27.23		1483.9							
	URS	00513	06.41	34.650	27.24		1484.7							
	URS	00520	06.66	34.800	27.33		1486.0							
	URS	00560	04.55	34.500	27.35		1477.7							
	URS	00597	06.99	34.940	27.39		1488.8							
	STD	00600	06.81	34.90	27.39	00.760	1488.0							
	URS	00600	06.81	34.900	27.39		1488.0							
	URS	00635	06.04	34.950	27.53		1485.6							
	URS	00660	06.23	35.010	27.55		1486.9							
	STD	00700	05.99	35.00	27.58	00.831	1486.5							
	URS	00700	05.98	35.000	27.58		1486.5							
	URS	00747	05.37	34.950	27.61		1484.8							
	STD	00800	05.19	34.97	27.65	00.889	1485.0							
	URS	00800	05.19	34.975	27.65		1485.0							
	STD	00900	04.95	34.99	27.69	00.942	1485.7							
	URS	00900	04.95	34.990	27.69		1485.7							
	STD	01000	04.76	34.99	27.72	00.993	1486.5							
	URS	01000	04.76	34.990	27.72		1486.5							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972—18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296 YEAR 1972 BOTDP 04572 AIR TEMP 16.1 OIR HGT PER 4150-01R 23 INST STD RECORDER TFM SJ 1306
 CONSEC 0091 MONTH 05 SHIP EV WET BULB 15.0 16 2 2 WIND-SPO 23 TRACE OIR 0 5 SQUARE 2
 LAT 42 12 N DAY 11 DATA USE 1 BAROMETR 1011.9 SEA WIND-FJR DUPATION 01.4 2 SQUARE 26
 LONG 046 49 W HOUR 10.5 AREA 05 CLOUD T/A CL/TR WEATHER XI ORIG TIP 110 1 SQUARE 24

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SND VEL	OXYG	P14	TOT P	NO2	NO3	S133	P4
10.5	STD	00000	13.52	35.07	26.36	00.000	1502.7							
	OBS	00000	13.52	35.070	26.36		1502.7							
	STD	00010	14.47	35.69	26.64	00.015	1506.7							
	OBS	00010	14.47	35.690	26.64		1506.7							
	OBS	00013	14.63	35.735	26.64		1507.3							
	STD	00020	14.43	35.71	26.66	00.029	1506.8							
	OBS	00020	14.43	35.710	26.66		1506.8							
	STD	00030	14.28	35.66	26.66	00.043	1506.4							
	OBS	00030	14.28	35.665	26.66		1506.4							
	STD	00050	13.74	35.54	26.68	00.071	1504.8							
	OBS	00050	13.74	35.545	26.68		1504.9							
	STD	00075	13.32	35.48	26.72	00.106	1503.8							
	OBS	00075	13.32	35.485	26.72		1503.8							
	OBS	00083	13.36	35.480	26.71		1504.0							
	STD	00100	12.93	35.44	26.77	00.139	1502.8							
	OBS	00100	12.93	35.445	26.77		1502.8							
	OBS	00110	13.15	35.540	26.80		1503.8							
	STD	00125	12.37	35.40	26.85	00.171	1501.3							
	OBS	00125	12.37	35.405	26.85		1501.3							
	OBS	00136	12.42	35.390	26.83		1501.6							
	STD	00150	10.47	35.00	26.89	00.201	1494.5							
	OBS	00160	09.42	34.790	26.91		1490.6							
	OBS	00197	08.01	34.692	26.89		1485.5							
	STD	00200	08.15	34.52	26.89	00.262	1486.2							
	OBS	00200	08.15	34.520	26.89		1486.2							
	OBS	00210	07.83	34.495	26.92		1485.1							
	OBS	00238	10.50	35.100	26.96		1496.2							
	OBS	00246	09.64	34.990	27.02		1493.1							
	STD	00250	09.64	35.09	27.10	00.317	1493.3							
	OBS	00250	09.64	35.090	27.10		1493.3							
	STD	00300	10.05	35.22	27.13	00.368	1495.8							
	OBS	00300	10.05	35.220	27.13		1495.8							
	OBS	00340	08.33	34.930	27.19		1489.7							
	STD	00400	07.44	34.85	27.26	00.463	1487.1							
	OBS	00400	07.44	34.850	27.26		1487.1							
	OBS	00482	06.66	34.940	27.44		1485.6							
	OBS	00493	06.49	34.970	27.49		1485.1							
	STD	00500	06.65	35.04	27.52	00.540	1485.9							
	OBS	00500	06.65	35.040	27.52		1485.9							
	OBS	00507	07.06	35.090	27.50		1487.7							
	OBS	00516	06.64	35.020	27.50		1486.1							
	OBS	00531	06.69	35.070	27.54		1486.7							
	OBS	00563	06.47	35.010	27.52		1486.2							
	STD	00600	06.13	35.04	27.59	00.602	1485.5							
	OBS	00600	06.13	35.040	27.59		1485.5							
	OBS	00629	05.98	35.070	27.63		1485.5							
	OBS	00645	06.84	35.260	27.67		1489.4							
	OBS	00680	05.82	35.100	27.68		1485.7							
	STD	00700	05.72	35.06	27.66	00.659	1485.6							
	OBS	00700	05.72	35.060	27.66		1485.6							
	STD	00800	05.17	35.04	27.71	00.711	1485.0							
	OBS	00800	05.17	35.040	27.71		1485.0							
	STD	00900	04.75	35.02	27.74	00.759	1484.9							
	OBS	00900	04.75	35.020	27.74		1484.9							
	STD	01000	04.54	35.01	27.76	00.805	1485.7							
	OBS	01000	04.54	35.010	27.76		1485.7							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.- Continued

REF ID	31 8296	YEAR	1972	BOAT	03813	AIR TEMP	12.R	DIR HGT	PER	WIND-DIR	21	INST	STO	RECO	OPER	TEN SQ	1306	
CUNSER	0032	MONTH	05	SHIP	EV	WET SUL	12.R	19	3	2	WIND-SPO	15	TRACE	DIR	0	5	SQUARE	2
LAT	42 34 N	DAY	11	DATA	USE	BAROMETR	1007.R	SEA			WIND-FOR		DURATION	00.2	2	SQUARE	26	
LONG	1047 30 W	HOJK	14.5	AREA	05	CLOUD	T/A	CLTR			WEATHER	X1	ORIG	LIP	110	1	SQUARE	27

CASINUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	TKYG	P14	TOT P	N02	N03	S133	P4
13.5	STD	00300	10.52	34.60	26.64	00.000	1491.9							
	RS	00000	10.52	34.690	26.64		1491.9							
	STD	00010	07.94	34.30	25.75	00.014	1481.9							
	RS	00020	05.88	34.06	26.85	00.026	1473.7							
	RS	00029	04.48	33.990	26.95		1468.3							
	STD	00030	04.35	33.94	26.97	00.038	1467.5							
	RS	00030	04.35	33.990	26.97		1467.5							
	RS	00040	04.60	34.090	27.02		1468.8							
	STD	00050	07.25	34.44	26.96	00.060	1480.1							
	RS	00055	07.96	34.840	26.94		1483.1							
	STD	00075	06.72	34.44	27.04	00.087	1478.4							
	RS	00075	06.72	34.640	27.04		1478.4							
	RS	00388	08.39	34.770	27.05		1485.6							
	STD	00100	08.67	34.87	27.09	00.112	1486.9							
	RS	00100	08.67	34.870	27.09		1486.9							
	STD	00125	07.55	34.70	27.13	00.137	1482.9							
	RS	00130	07.41	34.690	27.14		1482.4							
	RS	00146	07.15	34.690	27.17		1481.6							
	STD	00150	07.25	34.74	27.20	00.160	1482.1							
	RS	00150	07.25	34.740	27.20		1482.1							
	RS	00159	07.36	34.760	27.20		1482.7							
	RS	00177	07.06	34.740	27.23		1481.8							
	RS	00189	07.08	34.750	27.23		1482.1							
	RS	00190	07.00	34.690	27.20		1481.8							
	STD	00200	06.76	34.65	27.20	00.206	1480.9							
	RS	00200	06.76	34.650	27.20		1480.9							
	RS	00220	06.30	34.690	27.29		1479.5							
	RS	00225	06.67	34.760	27.30		1481.1							
	RS	00245	05.44	34.590	27.32		1476.3							
	STD	00250	05.11	34.56	27.34	00.248	1475.0							
	RS	00275	04.52	34.490	27.35		1472.9							
	RS	00280	04.62	34.490	27.34		1473.4							
	RS	00289	04.17	34.490	27.38		1471.6							
	STD	00300	04.83	34.59	27.39	00.286	1474.7							
	RS	00300	04.83	34.590	27.39		1474.7							
	RS	00315	04.30	34.540	27.41		1472.7							
	RS	00340	04.46	34.640	27.47		1473.9							
	RS	00360	05.04	34.790	27.53		1476.8							
	RS	00380	05.21	34.810	27.52		1477.9							
	STD	00400	05.65	34.94	27.57	00.351	1480.2							
	RS	00400	05.65	34.940	27.57		1480.2							
	RS	00415	05.73	34.940	27.55		1480.9							
	RS	00480	05.55	34.970	27.61		1481.1							
	STD	00500	05.92	35.05	27.62	00.407	1483.1							
	RS	00500	05.92	35.050	27.62		1483.1							
	RS	00540	05.68	35.058	27.66		1482.8							
	STD	00600	05.60	35.08	27.69	00.460	1483.5							
	RS	00600	05.60	35.080	27.69		1483.5							
	RS	00630	05.50	35.065	27.69		1483.5							
	RS	00667	05.10	35.020	27.70		1482.5							
	STD	00700	05.12	35.04	27.72	00.508	1483.1							
	RS	00700	05.12	35.043	27.72		1483.1							
	RS	00730	05.07	35.028	27.71		1483.4							
	STD	00800	04.67	35.00	27.73	00.555	1482.9							
	RS	00900	04.67	34.996	27.73		1482.9							
	STD	00900	04.40	34.93	27.71	00.603	1483.3							
	RS	00900	04.40	34.930	27.71		1483.3							
	STD	01000	04.25	34.97	27.76	00.650	1484.4							
	RS	01000	04.25	34.975	27.76		1484.4							
	RS	01021	04.22	34.972	27.76		1484.6							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296 YEAR 1972 ROTOP 03499 AIR TEMP 07.2 DIP HGT PER #140-11R 31 INST STD RECORPER TEN SJ 1306
 CONSEC 0093 MONTH 05 SHIP EV WFT RULR 06.7 30 2 2 WIND-SPO 25 TRACF OIR 0 5 SQUARE 2
 LAT 42 43 N DAY 11 DATA USE 1 BAROMETR 1010-5 SEA WIND-FJR 07.5 2 SQUARE 28
 LONG 049 08 W HQUP 18.2 AREA 05 CLOUD T/A CL/TR #WEATHER X4 ORIG IIP 110 1 SQUARE 29

CASINUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNDPTH	SNO VEL	OXYG	P14	TOT P	NO2	NO3	SI33	PH
18.2	ST0	00000	08.47	34.09	26.51	00.000	1483.5							
	08S	00000	08.47	34.090	26.51		1493.5							
	08S	00008	09.18	34.690	26.87		1487.1							
	ST0	00010	09.02	34.66	26.87	00.014	1486.5							
	ST0	00020	08.41	34.56	26.88	00.025	1484.2							
	ST0	00030	08.13	34.52	26.90	00.037	1483.3							
	08S	00030	08.13	34.520	26.90		1483.3							
	ST0	00050	08.57	34.65	26.93	00.060	1485.5							
	08S	00050	08.57	34.650	26.93		1485.5							
	08S	00063	08.62	34.740	26.99		1486.0							
	ST0	00075	08.64	34.79	27.03	00.088	1486.3							
	08S	00075	08.64	34.790	27.03		1486.3							
	ST0	00100	06.45	34.48	27.10	00.113	1477.8							
	08S	00100	06.45	34.480	27.10		1477.8							
	08S	00106	06.17	34.410	27.09		1476.7							
	08S	00122	07.33	34.690	27.15		1481.9							
	ST0	00125	07.30	34.66	27.13	00.138	1481.8							
	08S	00125	07.30	34.660	27.13		1481.8							
	ST0	00150	06.45	34.54	27.15	00.161	1478.7							
	08S	00150	06.45	34.540	27.15		1478.7							
	08S	00190	05.63	34.440	27.18		1476.0							
	ST0	00200	05.42	34.49	27.24	00.207	1475.3							
	08S	00200	05.42	34.490	27.24		1475.3							
	08S	00212	05.38	34.500	27.26		1475.4							
	08S	00222	06.22	34.690	27.30		1479.2							
	ST0	00250	06.49	34.78	27.34	00.248	1480.9							
	08S	00250	06.49	34.780	27.34		1480.9							
	08S	00268	06.40	34.830	27.39		1480.9							
	ST0	00300	06.49	34.89	27.42	00.285	1481.9							
	08S	00300	06.49	34.890	27.42		1481.8							
	08S	00320	06.66	34.950	27.45		1482.9							
	08S	00337	06.32	34.880	27.44		1481.7							
	08S	00355	06.57	34.990	27.49		1483.2							
	08S	00370	06.42	34.990	27.51		1482.8							
	ST0	00400	06.26	35.00	27.54	00.352	1482.7							
	08S	00400	06.26	35.000	27.54		1482.7							
	08S	00475	05.20	34.920	27.61		1479.6							
	08S	00489	05.24	34.930	27.61		1480.0							
	ST0	00500	05.01	34.90	27.62	00.409	1479.2							
	08S	00500	05.01	34.900	27.62		1479.2							
	08S	00514	05.04	34.910	27.67		1479.5							
	08S	00535	04.90	34.930	27.65		1479.3							
	08S	00554	05.24	34.990	27.66		1481.1							
	ST0	00600	05.24	35.01	27.68	00.462	1481.9							
	08S	00600	05.24	35.010	27.68		1481.9							
	08S	00622	05.32	35.030	27.68		1482.6							
	08S	00630	05.22	35.010	27.68		1482.3							
	08S	00679	05.22	34.990	27.66		1483.1							
	ST0	00700	04.89	35.00	27.71	00.511	1482.1							
	08S	00700	04.89	35.000	27.71		1482.1							
	08S	00714	04.95	35.030	27.72		1482.7							
	08S	00740	04.58	34.950	27.71		1481.4							
	ST0	00800	04.36	34.95	27.73	00.558	1481.5							
	08S	00800	04.36	34.950	27.73		1481.5							
	08S	00821	04.36	34.960	27.74		1481.9							
	08S	00830	04.46	34.980	27.74		1482.5							
	08S	00864	04.35	34.965	27.74		1482.6							
	08S	00890	04.45	34.990	27.75		1483.4							
	ST0	00900	04.41	34.97	27.74	00.603	1483.4							
	08S	00900	04.41	34.975	27.74		1483.4							
	08S	00942	04.18	34.945	27.74		1483.1							
	ST0	01000	04.11	34.95	27.76	00.649	1483.8							
	08S	01000	04.11	34.955	27.76		1483.8							
	08S	01052	04.07	34.955	27.76		1484.5							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296	YEAR 1972	HOTOP 03182	AIR TEMP 01.9	OIR HGT PER	WIND-DIR 33	INST STD RECORDER	TEN SQ 1306
CONSEC 0094	MONTH 05	SHIP EV	WET BULB 02.8	76 5 2	WIND-SPD 72	TRACE OIR 3	5 SQUARE 2
LAT 42 57 N	DAY 11	O4TA USE 1	BAROMETER 1012.9	SEA	WIND-FRQ	DURATION 00-3	2 SQUARE 28
LONG 048 32 W	HOOR 21-1	AREA 05	CLOUD 7/4	CL/7R	WEATHER XI	ORIG IIP 111	1 SQUARE 28

CASSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SND VEL	XYG	P34	TOT P	NO2	NO3	SI33	P4
21.1	STO	00000	07.96	34.00	26.52	00.000	1481.5							
	OBS	00000	07.96	34.000	26.52		1481.5							
	STO	00010	07.97	34.00	26.51	00.015	1481.7							
	OBS	00010	07.97	34.000	26.51		1481.7							
	STO	00020	08.02	34.00	26.51	00.031	1482.0							
	OBS	00020	08.02	34.000	26.51		1482.0							
	STO	00030	07.73	34.16	26.68	00.045	1481.3							
	OBS	00030	07.73	34.160	26.68		1481.3							
	STO	00040	07.35	34.350	26.88		1480.2							
	OBS	00040	07.35	34.350	26.88		1480.2							
	STO	00050	07.45	34.45	26.94	00.070	1480.9							
	OBS	00050	07.45	34.450	26.94		1480.9							
	STO	00063	07.38	34.410	26.92		1480.8							
	OBS	00063	07.38	34.410	26.92		1480.8							
	STO	00075	07.54	34.49	26.96	00.098	1481.7							
	OBS	00075	07.54	34.490	26.96		1481.7							
	STO	00100	07.55	34.48	26.95	00.126	1482.2							
	OBS	00100	07.55	34.480	26.95		1482.2							
	STO	00120	06.19	34.390	27.07		1477.0							
	OBS	00120	06.19	34.390	27.07		1477.0							
	STO	00125	06.26	34.46	27.11	00.153	1477.5							
	OBS	00125	06.26	34.460	27.11		1477.5							
	STO	00150	06.34	34.53	27.16	00.177	1478.3							
	OBS	00150	06.35	34.540	27.17		1478.4							
	STO	00182	06.34	34.570	27.19		1478.9							
	OBS	00182	06.34	34.570	27.19		1478.9							
	STO	00200	06.20	34.58	27.22	00.222	1478.6							
	OBS	00200	06.20	34.580	27.22		1478.6							
	STO	00226	05.75	34.590	27.28		1477.2							
	OBS	00226	05.75	34.590	27.28		1477.2							
	STO	00242	05.93	34.690	27.34		1478.4							
	OBS	00242	05.93	34.690	27.34		1478.4							
	STO	00250	05.78	34.64	27.32	00.265	1477.8							
	OBS	00250	05.78	34.640	27.32		1477.8							
	STO	00300	04.82	34.60	27.40	00.303	1474.7							
	OBS	00300	04.82	34.600	27.40		1474.7							
	STO	00315	04.42	34.610	27.45		1473.3							
	OBS	00315	04.42	34.610	27.45		1473.3							
	STO	00335	04.67	34.650	27.46		1474.7							
	OBS	00335	04.67	34.650	27.46		1474.7							
	STO	00374	04.17	34.660	27.52		1473.3							
	OBS	00374	04.17	34.660	27.52		1473.3							
	STO	00393	05.23	34.870	27.57		1478.3							
	OBS	00393	05.23	34.870	27.57		1478.3							
	STO	00400	05.17	34.84	27.55	00.369	1478.1							
	OBS	00400	05.17	34.840	27.55		1478.1							
	STO	00424	05.07	34.850	27.57		1478.1							
	OBS	00424	05.07	34.850	27.57		1478.1							
	STO	00465	04.80	34.865	27.61		1477.7							
	OBS	00465	04.80	34.865	27.61		1477.7							
	STO	00490	04.87	34.912	27.64		1478.4							
	OBS	00490	04.87	34.912	27.64		1478.4							
	STO	00500	04.73	34.90	27.65	00.424	1478.0							
	OBS	00500	04.73	34.900	27.65		1478.0							
	STO	00530	04.57	34.890	27.66		1477.8							
	OBS	00530	04.57	34.890	27.66		1477.8							
	STO	00575	05.12	35.005	27.69		1481.0							
	OBS	00575	05.12	35.005	27.69		1481.0							
	STO	00600	05.00	34.99	27.69	00.474	1480.9							
	OBS	00600	05.00	34.990	27.69		1480.9							
	STO	00690	04.67	34.982	27.72		1481.0							
	OBS	00690	04.67	34.982	27.72		1481.0							
	STO	00700	04.80	35.01	27.73	00.521	1481.8							
	OBS	00700	04.80	35.010	27.73		1481.8							
	STO	00800	04.67	35.013	27.73		1481.8							
	OBS	00800	04.67	35.013	27.73		1481.8							
	STO	00800	04.67	35.008	27.74	00.566	1482.9							
	OBS	00800	04.67	35.008	27.74		1482.9							
	STO	00900	04.44	35.00	27.76	00.611	1483.6							
	OBS	00900	04.44	35.000	27.76		1483.6							
	STO	00900	04.44	34.999	27.76		1483.6							
	OBS	00900	04.44	34.999	27.76		1483.6							
	STO	01000	04.24	34.98	27.77	00.656	1484.4							
	OBS	01000	04.24	34.980	27.77		1484.4							
	STO	01067	04.17	34.978	27.77		1485.2							
	OBS	01067	04.17	34.978	27.77		1485.2							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972—18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID	31 8296	YEAR	1972	BDTOP	02012	AIR TEMP	03.9	DIR HGT PER		WIND-DIR	33	INST STD RECORDER	TEN S2	1306
CONSEC	0095	MONTH	05	SHIP EV		WET RULB	02.9	26 4 3		WIND-SPO	23	TRACE DIR	5	SQUARE 2
LAT	43 07 N	DAY	12	DATA USE	1	BAROMETR	1015.6	SEA		WIND-FTR		DURATION	00.4	2 SQUARE 28
LONG	049 00 W	HOHR	01.3	AREA	05	CLOUD T/A		CL/TR		WEATHER	X1	OPIG IIP	111	1 SQUARE 39

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	SYNDEPTH	SNO VEL	DXYG	PJ4	TDT P	NO2	NO3	S133	P4
01-3	STD	00000	05.59	33.62	26.54	00.000	1471.6							
	08S	00000	05.59	33.620	26.54		1471.6							
	STD	00010	05.59	33.62	26.54	00.015	1471.8							
	08S	00010	05.59	33.620	26.54		1471.8							
	STD	00020	05.57	33.62	26.54	00.030	1471.8							
	08S	00020	05.57	33.620	26.54		1471.8							
	STD	00030	03.74	33.48	26.63	00.045	1466.2							
	08S	00030	03.74	33.480	26.63		1466.2							
	STD	00034	03.50	33.650	26.78		1463.5							
	08S	00034	03.50	33.650	26.78		1463.5							
	STD	00050	03.44	33.68	26.81	00.072	1463.5							
	08S	00050	03.44	33.680	26.81		1463.5							
	STD	00070	03.54	33.750	26.86		1466.4							
	08S	00070	03.54	33.750	26.86		1466.4							
	STD	00075	03.52	33.77	26.98	00.102	1466.4							
	08S	00075	03.52	33.770	26.98		1466.4							
	STD	00100	02.67	33.93	27.08	00.129	1461.4							
	08S	00100	02.67	33.930	27.08		1461.4							
	STD	00117	03.12	34.130	27.20		1463.9							
	08S	00117	03.12	34.130	27.20		1463.9							
	STD	00125	02.96	34.16	27.24	00.152	1463.3							
	08S	00125	02.96	34.160	27.24		1463.3							
	STD	00150	03.70	34.39	27.35	00.172	1467.2							
	08S	00150	03.70	34.390	27.35		1467.2							
	STD	00165	03.21	34.320	27.35		1465.3							
	08S	00165	03.21	34.320	27.35		1465.3							
	STD	00200	04.24	34.58	27.45	00.207	1470.6							
	08S	00200	04.24	34.580	27.45		1470.6							
	STD	00211	04.57	34.630	27.45		1472.2							
	08S	00211	04.57	34.630	27.45		1472.2							
	STD	00220	04.51	34.650	27.47		1472.1							
	08S	00220	04.51	34.650	27.47		1472.1							
	STD	00241	04.61	34.680	27.49		1472.9							
	08S	00241	04.61	34.680	27.49		1472.9							
	STD	00245	04.74	34.780	27.55		1473.7							
	08S	00245	04.74	34.780	27.55		1473.7							
	STD	00250	04.71	34.75	27.53	00.239	1473.6							
	08S	00250	04.71	34.750	27.53		1473.6							
	STD	00274	04.61	34.780	27.57		1473.6							
	08S	00274	04.61	34.780	27.57		1473.6							
	STD	00300	04.68	34.82	27.59	00.267	1474.4							
	08S	00300	04.68	34.820	27.59		1474.4							
	STD	00309	04.74	34.880	27.63		1475.2							
	08S	00309	04.74	34.880	27.63		1475.2							
	STD	00349	04.91	34.900	27.63		1476.3							
	08S	00349	04.91	34.900	27.63		1476.3							
	STD	00365	04.73	34.910	27.66		1475.8							
	08S	00365	04.73	34.910	27.66		1475.8							
	STD	00400	04.90	34.93	27.65	00.319	1477.1							
	08S	00400	04.90	34.930	27.65		1477.1							
	STD	00407	04.90	34.930	27.65		1477.0							
	08S	00407	04.90	34.930	27.65		1477.0							
	STD	00500	04.49	34.90	27.68	00.368	1477.0							
	08S	00500	04.49	34.900	27.68		1477.0							
	STD	00570	04.46	34.940	27.71		1478.1							
	08S	00570	04.46	34.940	27.71		1478.1							
	STD	00590	04.32	34.915	27.71		1477.8							
	08S	00590	04.32	34.915	27.71		1477.8							
	STD	00600	04.36	34.93	27.72	00.414	1478.2							
	08S	00600	04.36	34.930	27.72		1478.2							
	STD	00655	04.21	34.925	27.73		1478.4							
	08S	00655	04.21	34.925	27.73		1478.4							
	STD	00703	04.24	34.93	27.73	00.459	1479.3							
	08S	00703	04.24	34.930	27.73		1479.3							
	STD	00709	04.24	34.935	27.73		1479.3							
	08S	00709	04.24	34.935	27.73		1479.3							
	STD	00733	04.24	34.935	27.73		1479.8							
	08S	00733	04.24	34.935	27.73		1479.8							
	STD	00760	04.14	34.915	27.73		1479.9							
	08S	00760	04.14	34.915	27.73		1479.9							
	STD	00800	04.11	34.92	27.73	00.504	1480.4							
	08S	00800	04.11	34.920	27.73		1480.4							
	STD	00900	04.00	34.91	27.74	00.549	1481.6							
	08S	00900	04.00	34.910	27.74		1481.6							
	STD	00900	04.00	34.915	27.74		1481.6							
	08S	00900	04.00	34.915	27.74		1481.6							
	STD	01000	03.92	34.91	27.75	00.594	1483.0							
	08S	01000	03.92	34.910	27.75		1483.0							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8206.—Continued

REF ID: A18296 YEAR: 1972 BUOY: 00914 AIR TEMP: 02.2 DIR HGT PER: WIND-DIR: 23 INST. STD. RECORDER: TEN SQ: 1306
 CONSEC: 0096 MONTH: 05 SHIP EV: WET RUB: 01.7 SEA: 34 2 3 WIND-SPD: 24 TRACE DIR: 0 S SQUARE: 2
 LAT: 43 10 N DAY: 12 DATA USE: 1 BAROMETR: 1031.2 CL/TR: WEATHER: X? ORIGIN: 111 2 SQUARE: 28
 LONG: 049 18 W HOUR: 04.5 AREA: 05 CLOUD: 1/4

CASTNUM/TIME	LEVEL	DEPTH	TEMP	SAL	SI,MA-T	DYNDEPTH	SNO VEL	OXYG	P34	TOT P	NO2	NO3	SI33	P4
	STN	00000	- 0.11	32.91	26.45	00.000	1445.9							
04.5	085	00000	- 0.11	32.910	26.45		1445.9							
	STN	00010	- 0.11	32.91	26.45	00.016	1446.0							
	085	00010	- 0.11	32.910	26.45		1446.0							
	STN	00020	- 0.11	32.91	26.45	00.032	1446.2							
	085	00020	- 0.11	32.910	26.45		1446.2							
	STN	00133	- 0.11	32.91	26.45	00.048	1446.4							
	085	00030	- 0.11	32.910	26.45		1446.4							
	085	00147	- 0.11	32.980	26.50		1446.6							
	STN	00050	- 0.51	33.08	26.60	00.078	1445.1							
	085	00050	- 0.51	33.080	26.60		1445.1							
	STN	00075	- 0.78	33.44	26.90	00.111	1444.8							
	085	00075	- 0.78	33.440	26.90		1444.8							
	STN	00100	- 0.56	33.48	26.93	00.139	1446.2							
	085	00100	- 0.56	33.480	26.93		1446.2							
	085	00133	- 0.72	33.560	27.00		1445.7							
	STN	00125	- 0.35	33.57	27.07	00.166	1447.9							
	085	00125	- 0.35	33.670	27.07		1447.9							
	085	00147	- 0.08	33.740	27.12		1449.6							
	STN	00150	- 0.10	33.73	27.11	00.190	1449.5							
	085	00150	- 0.10	33.730	27.11		1449.5							
	085	00160	- 0.14	33.780	27.15		1449.6							
	085	00175	- 0.01	33.810	27.17		1450.5							
	085	00187	- 0.01	33.840	27.19		1450.7							
	STN	00200	00.36	33.90	27.22	00.236	1452.6							
	085	00200	00.36	33.900	27.22		1452.6							
	085	00221	00.25	33.890	27.22		1452.5							
	STN	00250	00.72	34.03	27.31	00.277	1455.3							
	085	00250	00.72	34.030	27.31		1455.3							
	STN	00300	01.65	34.30	27.46	00.312	1460.7							
	085	00300	01.65	34.300	27.46		1460.7							
	085	00345	03.11	34.600	27.58		1468.2							
	085	00370	03.24	34.610	27.57		1469.7							
	085	00380	03.58	34.730	27.64		1471.0							
	STN	00400	03.70	34.73	27.62	00.370	1471.8							
	085	00400	03.70	34.730	27.62		1471.8							
	085	00450	04.02	34.820	27.66		1474.1							
	085	00471	04.07	34.820	27.66		1474.5							
	STN	00500	04.09	34.85	27.68	00.419	1475.3							
	085	00500	04.09	34.850	27.68		1475.3							
	STN	00600	04.10	34.87	27.69	00.466	1477.0							
	085	00600	04.10	34.870	27.69		1477.0							
	STN	00700	04.13	34.86	27.68	00.514	1478.8							
	085	00700	04.13	34.861	27.68		1478.8							
	STN	00800	04.10	34.90	27.72	00.562	1480.4							
	085	00800	04.10	34.900	27.72		1480.4							
	085	00841	04.09	34.900	27.72		1481.0							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972—18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296	YEAR 1972	ROTOP 00366	AIR TEMP 01.7	DIR HGT PER	WIND-DIR 33	INST STO RECORDER	TEN SQ 1306
CONSEC 0097	MONTH 05	SHIP EV	WET RULB 01.1	34 2 2	WIND-SPO 13	TRACE DIR 0	5 SQUARE 2
LAT 43 15 N	DAY 17	DATA USE 1	BAROMETR 1014.6	SEA	WIND-FJR	DURATION 00.2	2 SQUARE 28
LONG 049 31 W	HOOR 07.2	AREA 05	CLOUD T/A	CL/TR	WEATHER X2	ORIG TIP 111	1 SQUARE 39

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SNO VEL	OXYG	P34	TOT P	NO2	NO3	SI03	P4
07.2	STD	00000	00.37	32.91	26.42	00.000	1448.1							
	OBS	00000	00.37	32.910	26.42		1448.1							
	STD	00010	00.37	32.90	26.42	00.016	1448.2							
	OBS	00010	00.37	32.900	26.42		1448.2							
	STD	00020	- 0.14	32.89	26.43	00.032	1446.0							
	OBS	00027	- 0.41	32.880	26.44		1444.9							
	STD	00030	- 0.50	32.95	26.50	00.048	1444.6							
	OBS	00030	- 0.50	32.950	26.50		1444.6							
	OBS	00035	- 0.56	32.950	26.50		1444.4							
	OBS	00045	- 1.00	33.070	26.61		1442.7							
	STD	00050	- 0.93	33.08	26.62	00.078	1443.1							
	OBS	00050	- 0.93	33.080	26.62		1443.1							
	OBS	00060	- 0.93	33.100	26.63		1443.3							
	OBS	00071	- 1.12	33.140	26.67		1442.7							
	STD	00075	- 1.05	33.22	26.73	00.112	1443.2							
	OBS	00075	- 1.05	33.220	26.73		1443.2							
	OBS	00085	- 1.05	33.230	26.74		1443.4							
	STD	00100	- 1.12	33.27	26.78	00.144	1443.3							
	OBS	00100	- 1.12	33.270	26.78		1443.3							
	OBS	00116	- 1.12	33.310	26.81		1443.7							
	STD	00125	- 1.06	33.35	26.84	00.175	1444.1							
	OBS	00125	- 1.06	33.350	26.84		1444.1							
	OBS	00136	- 1.06	33.360	26.85		1444.3							
	OBS	00141	- 0.98	33.420	26.89		1444.9							
	STD	00150	- 0.96	33.41	26.89	00.205	1445.1							
	OBS	00150	- 0.96	33.410	26.89		1445.1							
	OBS	00160	- 0.72	33.540	26.98		1446.6							
	STD	00200	- 0.44	33.65	27.06	00.260	1448.7							
	OBS	00200	- 0.44	33.650	27.06		1448.7							
	STD	00250	- 0.16	33.76	27.14	00.308	1451.0							
	OBS	00250	- 0.16	33.765	27.14		1451.0							
	OBS	00267	- 0.01	33.835	27.19		1452.0							
	OBS	00275	00.24	33.900	27.23		1453.4							
	OBS	00290	00.38	33.920	27.24		1454.3							
	OBS	00296	00.18	33.970	27.29		1453.6							
	STD	00300	00.47	34.01	27.30	00.351	1455.0							
	OBS	00306	00.69	34.040	27.31		1456.1							
	OBS	00314	00.61	34.020	27.30		1455.9							
	OBS	00322	01.00	34.070	27.32		1457.9							
	OBS	00325	00.94	34.030	27.30		1457.1							
	OBS	00330	00.96	34.080	27.33		1457.8							
	OBS	00340	01.19	34.090	27.32		1459.0							
	OBS	00352	01.20	34.080	27.31		1459.3							

TABLE XIII. Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296 YEAR 1972 BOTOP 00073 AIR TEMP 02.8 DIR HGT PER WIND-DIR 32 INST STD RECORDER TEN SQ 1306
 CONSEC 0099 MONTH 05 SHIP EV WET BULB 01.7 30 5 3 WIND-SPD 15 TRACE DIR 0 5 SQUARE 2
 LAT 43 16 N DAY 12 DATA USE 1 BAROMETR 1021.0 SEA WIND-FTR DURATION 00.1 2 SQUARE 28
 LONG 049 39 W HOUR 09.0 AREA 05 CLOUD T/A CL/TR WEATHER X1 ORIG IIP 111 1 SQUARE 39

CASIDNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYN DPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	SI33	P4
09.0	STD	00000	01.25	32.95	26.41	00.000	1452.1							
	DBS	00000	01.25	32.950	26.41		1452.1							
	STD	00010	00.82	32.96	26.44	00.016	1452.4							
	STD	00020	00.39	32.97	26.47	00.032	1448.6							
	DBS	00020	00.39	32.970	26.47		1448.6							
	DBS	00025	- 0.60	32.940	26.49		1444.1							
	STD	00030	- 0.72	33.03	26.57	00.047	1443.7							
	DBS	00030	- 0.72	33.030	26.57		1443.7							
	STD	00050	- 0.78	33.07	26.60	00.076	1441.8							
	DBS	00050	- 0.78	33.070	26.60		1441.8							

REFID 31 8296 YEAR 1972 BOTOP 00046 AIR TEMP 02.8 DIR HGT PER WIND-DIR 32 INST STD RECORDER TEN SQ 1306
 CONSEC 0099 MONTH 05 SHIP EV WET BULB 01.7 30 5 3 WIND-SPD 05 TRACE DIR 0 5 SQUARE 2
 LAT 44 02 N DAY 12 DATA USE 1 BAROMETR 1021.3 SEA WIND-FTR DURATION 00.1 2 SQUARE 48
 LONG 049 26 W HOUR 13.4 AREA 05 CLOUD T/A CL/TR WEATHER X1 ORIG IIP 111 1 SQUARE 49

CASIDNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYN DPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	SI33	P4
13.4	STD	00000	01.46	32.97	26.41	00.000	1453.1							
	DBS	00000	01.46	32.970	26.41		1453.1							
	DBS	00004	01.35	32.930	26.38		1452.6							
	STD	00010	01.44	32.94	26.40	00.016	1452.7							
	DBS	00010	01.34	32.945	26.40		1452.7							
	STD	00020	01.31	32.96	26.41	00.033	1452.7							
	DBS	00020	01.31	32.960	26.41		1452.7							
	STD	00030	01.27	32.96	26.41	00.049	1452.7							
	DBS	00030	01.27	32.960	26.41		1452.7							
	DBS	00033	01.27	32.965	26.42		1452.8							

REFID 31 8296 YEAR 1972 BOTOP 00146 AIR TEMP 04.4 DIR HGT PER WIND-DIR 32 INST STD RECORDER TEN SQ 1306
 CONSEC 0100 MONTH 05 SHIP EV WET BULB 03.3 30 5 3 WIND-SPD 05 TRACE DIR 0 5 SQUARE 2
 LAT 43 55 N DAY 12 DATA USE 1 BAROMETR 1021.7 SEA WIND-FTR DURATION 00.1 2 SQUARE 28
 LONG 049 06 W HOUR 15.1 AREA 05 CLOUD T/A CL/TR WEATHER X1 ORIG IIP 111 1 SQUARE 39

CASIDNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYN DPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	SI33	P4
15.1	STD	00000	00.80	32.88	25.38	00.000	1450.0							
	DBS	00000	00.80	32.880	25.38		1450.0							
	STD	00010	00.39	32.93	25.44	00.016	1448.4							
	DBS	00010	00.39	32.930	25.44		1448.4							
	STD	00020	00.31	32.93	26.44	00.032	1449.2							
	DBS	00020	00.31	32.930	26.44		1448.2							
	STD	00030	00.24	32.93	26.45	00.048	1448.0							
	DBS	00030	00.24	32.930	26.45		1448.0							
	DBS	00042	- 0.83	33.010	26.56		1443.4							
	STD	00050	- 0.82	33.02	26.57	00.079	1443.6							
	DBS	00050	- 0.82	33.020	26.57		1443.6							
	STD	00075	- 1.01	33.09	26.63	00.115	1443.2							
	DBS	00075	- 1.01	33.095	26.63		1443.2							
	STD	00100	- 1.14	33.16	26.69	00.150	1443.1							
	DBS	00100	- 1.14	33.163	26.69		1443.1							
	STD	00125	- 1.18	33.27	26.78	00.182	1443.5							
DBS	00125	- 1.18	33.268	26.78		1443.5								
DBS	00130	- 1.14	33.305	26.81		1443.8								

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972—18 June 1972, Prepared from NODC Listing No. 3I-8296.—Continued

REFID 31 R296 YEAR 1972 BOTOP 00366 AIR TEMP 04.4 OIR HGT PER WIND-OIR 22 INST STO RECORDER TEN SQ 1306
 CONSFC 0101 MONTH 05 SHIP EV WET BULR 07.8 30 2 X WIND-SPD 20 TRACE DIR 0 S SQUARE 2
 LAT 43 52 N DAY 12 DATA USE 1 BAROMETP 1027.7 SEA WIND-FJR OURATION 09.1 2 SQUARE 28
 LONG 048 57 W HOUR 16.0 AREA 05 CLOUD T/A CL/TR W/FATHER X) ORIG IIP 111 1 SQUARE 38

CASSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	0YN0PTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	SIO3	PH
16.0	STD	00000	00.16	32.95	26.47	00.000	1447.2							
	ORS	00000	00.16	32.955	26.47		1447.2							
	STD	00010	- 0.06	32.96	26.49	00.016	1446.4							
	ORS	00010	- 0.06	32.962	26.49		1446.4							
	STD	00020	- 0.08	32.96	26.49	00.031	1446.4							
	ORS	00020	- 0.08	32.964	26.49		1446.4							
	STD	00030	- 1.01	32.98	26.54	00.046	1442.3							
	ORS	00030	- 1.01	32.980	26.54		1442.3							
	ORS	00043	- 1.38	33.200	26.73		1441.1							
	STD	00050	- 1.26	33.30	26.81	00.074	1441.9							
	ORS	00050	- 1.26	33.300	26.81		1441.9							
	STD	00075	- 1.13	33.37	26.86	00.104	1443.0							
	ORS	00075	- 1.13	33.370	26.86		1443.0							
	STD	00100	- 1.09	33.39	26.88	00.134	1443.7							
	ORS	00100	- 1.09	33.393	26.88		1443.7							
	ORS	00106	- 0.97	33.460	26.93		1444.4							
	STD	00125	- 0.95	33.45	26.92	00.163	1444.8							
	ORS	00125	- 0.95	33.450	26.92		1444.8							
	STD	00150	- 0.78	33.51	26.96	00.191	1446.1							
	ORS	00150	- 0.78	33.510	26.96		1446.1							
	ORS	00176	- 0.48	33.595	27.02		1448.0							
	ORS	00196	- 0.52	33.750	27.14		1448.2							
	STD	00200	- 0.28	33.81	27.18	00.241	1449.7							
	ORS	00200	- 0.28	33.810	27.18		1449.7							
	ORS	00222	00.46	34.029	27.32		1453.7							
	STD	00250	00.65	34.07	27.35	00.282	1455.1							
	ORS	00250	00.65	34.075	27.35		1455.1							
	ORS	00274	01.18	34.200	27.41		1458.0							
	STD	00300	01.31	34.22	27.42	00.317	1459.1							
	ORS	00300	01.31	34.222	27.42		1459.1							
	ORS	00313	01.71	34.340	27.49		1461.2							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NOBC Listing No. 31-8296.—Continued

REF ID: A1276 YEAR: 1972 REF ID: 01554 AIR TEMP: 04.4 OIP HGT PER: WIND-DIR: 23 INST STO RECORDER: TEN SJ: 1306
 CONSFC: 0102 MONTH: 05 SHIP EV: WFT BULB: 02.8 WIND-SPO: 13 TRACE DIR: 0 5 SQUARE: 2
 LAT: 43 48 N DAY: 12 DATA USE: 1 BAROMETP: 1073.4 SEA: WIND-FJR: 07.2 2 SQUARE: 28
 LONG: 049 48 W HOUR: 16.9 AREA: 05 CLOUD: T/A CL/TR: WEATHER: X) ORIG IIP: 111 1 SQUARE: 38

CSTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OYNPTH	SND VEL	OXYG	P34	TOT P	432	NO3	SI03	P4
16.9	STD	00000	00.57	32.93	26.43	00.000	1449.0							
	08S	00000	00.57	32.930	26.43		1449.0							
	STD	00010	00.28	32.96	26.47	00.016	1447.9							
	08S	00010	00.28	32.960	26.47		1447.9							
	STD	00020	00.26	32.96	26.47	00.032	1448.0							
	08S	00020	00.26	32.965	26.47		1448.0							
	STD	00030	00.27	32.97	26.48	00.047	1448.2							
	08S	00030	00.27	32.972	26.48		1448.2							
	08S	00033	00.27	32.975	26.48		1448.3							
	08S	00041	- 1.24	33.030	26.50		1441.5							
	STD	00050	- 0.88	33.38	26.86	00.075	1443.8							
	08S	00050	- 0.88	33.380	26.86		1443.8							
	08S	00060	- 0.83	33.370	26.85		1444.2							
	08S	00062	- 0.93	33.350	26.84		1443.7							
	STD	00075	- 0.93	33.45	26.92	00.104	1444.1							
	08S	00075	- 0.93	33.450	26.92		1444.1							
	08S	00090	- 0.75	33.540	26.98		1445.3							
	STD	00100	- 0.77	33.58	27.02	00.131	1445.4							
	08S	00100	- 0.77	33.580	27.02		1445.4							
	STD	00125	- 0.51	33.72	27.12	00.156	1447.2							
	08S	00125	- 0.51	33.725	27.12		1447.2							
	STD	00150	00.36	33.89	27.21	00.179	1451.9							
	08S	00150	00.36	33.890	27.21		1451.9							
	08S	00163	00.23	33.930	27.25		1451.5							
	08S	00180	00.45	33.975	27.28		1452.9							
	08S	00192	00.45	34.010	27.30		1453.1							
	STD	00200	00.84	34.16	27.40	00.218	1455.2							
	08S	00200	00.84	34.160	27.40		1455.2							
	08S	00235	04.67	34.580	27.40		1473.0							
	08S	00246	04.47	34.570	27.42		1472.3							
	STD	00250	04.49	34.63	27.46	00.251	1472.5							
	08S	00250	04.49	34.630	27.46		1472.5							
	08S	00257	04.77	34.700	27.49		1473.9							
	08S	00273	03.78	34.580	27.50		1469.9							
	08S	00290	03.42	34.560	27.52		1468.6							
	STD	00300	03.52	34.59	27.53	00.283	1469.2							
	08S	00300	03.52	34.595	27.53		1469.2							
	08S	00325	02.99	34.570	27.56		1467.3							
	08S	00372	03.46	34.720	27.64		1470.3							
	08S	00390	03.49	34.703	27.62		1470.7							
	STD	00400	03.65	34.76	27.65	00.336	1471.6							
	08S	00400	03.65	34.760	27.65		1471.6							
	08S	00415	03.86	34.820	27.68		1472.9							
	STD	00500	03.97	34.84	27.69	00.383	1474.8							
	08S	00500	03.97	34.845	27.69		1474.8							
	STD	00600	04.08	34.88	27.71	00.429	1476.9							
	08S	00600	04.08	34.884	27.71		1476.9							
	STD	00700	04.09	34.89	27.71	00.475	1478.6							
	08S	00700	04.09	34.891	27.71		1478.6							
	STD	00800	04.10	34.91	27.72	00.521	1480.4							
	08S	00800	04.10	34.909	27.72		1480.4							
	STD	00900	04.09	34.91	27.73	00.568	1482.0							
	08S	00900	04.09	34.908	27.73		1482.0							
	STD	01000	04.09	34.91	27.73	00.615	1483.7							
	08S	01000	04.09	34.915	27.73		1483.7							
	08S	01008	04.09	34.917	27.73		1483.8							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

OFFID 31 8296	YEAR 1972	BOTOP 01756	AIR TEMP 07.8	OIR HGT PER	WIND-OIR 7.5	INST STD RECORDER	TEN SQ 1306
COUNSEL 0113	MONTH 05	SHIP EV	WET BULP 01.7	22 2 2	WIND-SPD 12	TRACE OIR 0	5 SQUARE 2
LAT 44 34 N	DAY 14	DATA USE 1	BAROMETR 1021.0	SEA	WIND-FJR	DURATION 03.2	2 SQUARE 48
LONG 048 44 W	HOFF 10.7	AREA 05	CLOUD T/A	CL/TR	WEATHER X)	ORIG IIP 111	1 SQUARE 48

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	OYNDEPTH	SND VEL	DOYG	P34	TOT P	NO2	NO3	SIC3	P4
10.7	STD	00000	- 0.14	33.03	26.55	00.000	1445.9							
	OBS	00000	- 0.14	33.030	26.55		1445.9							
	STD	00010	- 0.14	33.03	26.55	00.015	1446.1							
	OBS	00010	- 0.14	33.030	26.55		1446.1							
	STD	00020	- 0.15	33.03	26.55	00.030	1446.2							
	OBS	00020	- 0.15	33.030	26.55		1446.2							
	STD	00030	- 0.16	33.03	26.55	00.045	1446.3							
	OBS	00030	- 0.16	33.030	26.55		1446.3							
	OBS	00040	- 0.03	33.060	26.56		1447.1							
	STD	00050	- 0.10	33.07	26.58	00.075	1447.0							
	OBS	00050	- 0.10	33.070	26.58		1447.0							
	OBS	00062	- 1.13	33.450	26.92		1442.9							
	STD	00075	- 0.88	33.57	27.01	00.106	1444.5							
	OBS	00075	- 0.88	33.570	27.01		1444.5							
	STD	00100	- 0.57	33.75	27.14	00.131	1445.6							
	OBS	00100	- 0.57	33.750	27.14		1446.6							
	STD	00125	- 0.39	33.84	27.21	00.153	1448.0							
	OBS	00125	- 0.39	33.840	27.21		1448.0							
	STD	00150	- 0.40	33.86	27.23	00.175	1448.3							
	OBS	00150	- 0.40	33.860	27.23		1448.3							
	STD	00200	00.35	34.06	27.35	00.214	1452.9							
	OBS	00200	00.35	34.060	27.35		1452.9							
	STD	00250	01.13	34.24	27.45	00.249	1457.5							
	OBS	00250	01.13	34.240	27.45		1457.5							
	STD	00300	02.01	34.46	27.56	00.279	1462.5							
	OBS	00300	02.01	34.460	27.56		1462.5							
	OBS	00332	02.95	34.600	27.59		1467.3							
	OBS	00350	02.78	34.560	27.58		1466.8							
	OBS	00387	03.72	34.750	27.64		1471.6							
	STD	00400	03.77	34.77	27.65	00.330	1472.2							
	OBS	00400	03.77	34.770	27.65		1472.2							
	OBS	00450	04.00	34.810	27.66		1474.0							
	STD	00500	03.97	34.82	27.67	00.379	1474.7							
	OBS	00500	03.97	34.820	27.67		1474.7							
	OBS	00543	04.16	34.860	27.68		1476.2							
	STD	00600	04.26	34.88	27.68	00.427	1477.7							
	OBS	00600	04.26	34.880	27.68		1477.7							
	OBS	00600	04.19	34.88	27.69	00.475	1479.0							
	STD	00700	04.10	34.880	27.69		1479.0							
	OBS	00700	04.10	34.880	27.69	00.523	1480.4							
	STD	00800	04.11	34.88	27.70		1480.4							
	OBS	00800	04.11	34.880	27.70		1480.4							
	OBS	00850	04.37	34.940	27.72		1482.4							
	STD	00900	04.28	34.94	27.73	00.571	1482.8							
	OBS	00900	04.28	34.940	27.73		1482.8							
	OBS	00940	04.22	34.920	27.72		1483.2							
	STD	01000	04.22	34.92	27.72	00.618	1484.2							
	OBS	01000	04.22	34.920	27.72		1484.2							
	OBS	01060	04.18	34.920	27.73		1485.1							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-S296.—Continued

REFID 31 8296 YEAR 1972 BOTOP 07677 AIR TEMP 02.2 OIP HGT PFR WIND-OIP 25 INST STO RECORDER TEN SQ 1306
 CONSEC 0114 MONTH 05 SHIP EV WFT TULB 01.1 24 3 2 WIND-SPD 04 TRACE DIR 0 5 SQUARE 2
 LAT 44 37 N DAY 14 DATA USE 1 BAROMETR 1021.3 SEA WIND-FOR DURATION 01.1 2 SQUARE 49
 LONG 048 56 W HOUR 12.4 AREA 05 CLOUD T/A CL/TR WEATHER XI ORIG IIP 111 1 SQUARE 48

CASNUM/TIME	LVL/TYPE	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SNO VFL	DRYG	P14	TOT P	NO2	NO3	ST03	P4
12.4	STD	00000	00.67	32.90	25.40	00.000	1449.4							
	RS	00000	00.67	32.900	25.40		1449.4							
	STD	00010	00.61	32.90	26.40	00.016	1449.3							
	RS	00010	00.61	32.900	26.40		1449.3							
	STD	00020	- 0.53	32.40	26.38	00.033	1446.1							
	RS	00020	- 0.53	32.400	26.38		1446.1							
	STD	00030	- 1.06	33.05	26.60	00.048	1442.2							
	RS	00030	- 1.06	33.050	26.60		1442.2							
	STD	00050	- 1.18	33.22	26.74	00.076	1442.2							
	RS	00050	- 1.18	33.220	26.74		1442.2							
	STD	00075	- 1.23	33.34	26.84	00.108	1442.5							
	RS	00075	- 1.23	33.340	26.84		1442.5							
	STD	00100	- 0.91	33.48	26.94	00.137	1446.6							
	RS	00100	- 0.91	33.480	26.94		1446.6							
	STD	00125	- 0.53	33.67	27.08	00.163	1447.1							
	RS	00125	- 0.53	33.670	27.08		1447.1							
	STD	00141	- 0.80	33.650	27.07		1445.9							
	RS	00141	- 0.80	33.650	27.07		1445.9							
	STD	00150	- 0.60	33.75	27.15	00.187	1447.3							
	RS	00150	- 0.60	33.750	27.15		1447.3							
	STD	00164	- 0.27	33.950	27.21		1449.2							
	RS	00164	- 0.27	33.950	27.21		1449.2							
	STD	00186	- 0.27	33.460	27.22		1449.5							
	RS	00186	- 0.27	33.460	27.22		1449.5							
	STD	00200	- 0.03	33.92	27.26	00.231	1451.0							
	RS	00200	- 0.03	33.920	27.26		1451.0							
	STD	00220	00.45	34.035	27.32		1453.6							
	RS	00220	00.45	34.035	27.32		1453.6							
	STD	00250	00.65	34.10	27.37	00.269	1455.1							
	RS	00250	00.65	34.100	27.37		1455.1							
	STD	00300	01.15	34.27	27.47	00.303	1458.4							
	RS	00300	01.15	34.270	27.47		1458.4							
	STD	00352	01.81	34.400	27.53		1462.4							
	RS	00352	01.81	34.400	27.53		1462.4							
	STD	00400	01.95	34.42	27.54	00.363	1463.9							
	RS	00400	01.95	34.425	27.54		1463.9							
	STD	00421	01.99	34.445	27.55		1464.4							
	RS	00421	01.99	34.445	27.55		1464.4							
	STD	00443	02.31	34.510	27.58		1466.3							
	RS	00443	02.31	34.510	27.58		1466.3							
	STD	00454	02.72	34.570	27.59		1468.3							
	RS	00454	02.72	34.570	27.59		1468.3							
	STD	00500	03.23	34.71	27.65	00.416	1471.4							
	RS	00500	03.23	34.710	27.65		1471.4							
	STD	00550	03.74	34.920	27.69		1474.6							
	RS	00550	03.74	34.920	27.69		1474.6							
	STD	00570	03.94	34.984	27.72		1475.9							
	RS	00570	03.94	34.984	27.72		1475.9							
	STD	00600	03.98	34.88	27.72	00.463	1476.5							
	RS	00600	03.98	34.885	27.72		1476.5							
	STD	00604	03.99	34.890	27.72		1476.6							
	RS	00604	03.99	34.890	27.72		1476.6							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 81-8296.—Continued

REFID 31 8296 YEAR 1972 BUOY 00210 AIR TEMP 07.2 DIR HGT PER WIND-DIR 25 INST STO RECORDER TEN SQ 1306
 CONSEC 0115 MONTH 05 SHIP EV WET RULR 01.1 24 5 3 WIND-SPO 05 TRACE DIR 0 5 SQUARE 2
 LAT 44 38 N DAY 14 DATA USE 1 BAROMETR 1022.0 SEA WIND-FIR DURATION 00.1 2 SQUARE 48
 LONG 049 06 W HOUR 13.5 AREA 05 CLOUD T/A CL/TR WEATHER X1 ORIG IIP 111 1 SQUARE 49

CASNUM/TIME	LVLTY	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	XYG	P34	TOT P	NO2	NO3	SI33	P4
13.5	STO	00000	00.60	32.93	26.43	00.000	1449.2							
	OBS	00000	00.60	32.930	26.43		1449.2							
	STO	00010	00.51	32.94	26.44	00.016	1448.9							
	OBS	00010	00.51	32.943	26.44		1448.9							
	STO	00020	00.46	32.94	26.44	00.032	1448.9							
	OBS	00020	00.46	32.940	26.44		1448.9							
	STO	00030	00.22	32.92	26.44	00.048	1447.9							
	OBS	00030	00.22	32.918	26.44		1447.9							
	OBS	00039	00.01	32.960	26.48		1447.1							
	STO	00050	-0.01	32.97	26.49	00.079	1447.3							
	OBS	00050	-0.01	32.973	26.49		1447.3							
	STO	00075	-0.01	32.98	26.50	00.118	1447.7							
	OBS	00075	-0.01	32.978	26.50		1447.7							
	TL	00095	00.00	32.975	26.50		1449.0							
	STO	00100	-0.05	32.97	26.49	00.157	1447.9							
	OBS	00100	-0.05	32.970	26.49		1447.9							
OBS	00115	-0.14	32.985	26.51		1447.7								
STO	00125	-0.26	32.99	26.52	00.195	1447.4								
OBS	00125	-0.26	32.990	26.52		1447.4								
OBS	00140	-0.49	33.060	26.58		1446.7								
OBS	00145	-0.47	33.105	26.62		1446.9								

REFID 31 3296 YEAR 1972 BUOY 00064 AIR TEMP 03.9 DIR HGT PER WIND-DIR 27 INST STO RECORDER TEN SQ 1306
 CONSEC 0116 MONTH 05 SHIP EV WET RULR 02.8 26 3 2 WIND-SPO 14 TRACE DIR 0 5 SQUARE 2
 LAT 44 42 N DAY 14 DATA USE 1 BAROMETR 1023.0 SEA WIND-FDR DURATION 00.1 2 SQUARE 48
 LONG 049 23 W HOUR 14.8 AREA 05 CLOUD T/A CL/TR WEATHER X1 ORIG IIP 111 1 SQUARE 49

CASNUM/TIME	LVLTY	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	XYG	P34	TOT P	NO2	NO3	SI33	P4
14.8	STO	00000	01.02	32.96	26.43	00.000	1451.1							
	OBS	00000	01.02	32.960	26.43		1451.1							
	STO	00010	00.75	32.94	26.43	00.016	1450.0							
	OBS	00010	00.75	32.945	26.43		1450.0							
	STO	00020	00.63	32.94	26.43	00.032	1449.6							
	OBS	00020	00.63	32.938	26.43		1449.6							
	STO	00030	00.51	32.96	26.46	00.048	1449.3							
	OBS	00030	00.51	32.963	26.46		1449.3							
	OBS	00045	00.46	32.970	26.47		1449.3							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REF ID: A19296 YEAR: 1972 BOTDOP: 03658 AIR TEMP: 05.6 DIR HGT PER: WIND-DIR: 23 INST STD RECORDER: T-N 50: 1306
 CONSEC: 0117 MONTH: 05 SHIP EV: WET RULR: 04.4 21 2 2 WIND-SPO: 04 TRACE DIR: 0 5 SQUARE: 2
 LAT: 44 45 N DAY: 15 DATA USE: 1 BAROMETR: 1023.8 SEA: WIND-FTR: DURATION: 09.7 2 SQUARE: 46
 LONG: 046 00 W HOUR: 02.8 AREA: 05 CLOUD T/A: CLTR: WEATHER: Y1 ORIG TIP: 111 1 SQUARE: 46

CAS/NM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPH	SND VEL	CHYG	P14	TOT P	NO2	NO3	SI33	P4
02.8	STD	00000	09.57	34.56	26.70	00.000	1488.3							
	08S	00000	09.57	34.560	26.70		1488.3							
	08S	00009	09.58	34.540	26.68		1488.4							
	STD	00010	09.93	34.65	26.71	00.013	1489.8							
	08S	00014	10.87	34.960	26.79		1493.7							
	STD	00020	10.95	34.97	26.78	00.027	1496.1							
	08S	00020	10.95	34.970	26.78		1496.1							
	08S	00073	10.96	34.980	26.79		1496.2							
	08S	00029	10.90	34.970	26.79		1496.1							
	STD	00030	10.59	34.96	26.84	00.039	1493.0							
	08S	00030	10.59	34.960	26.84		1493.0							
	08S	00040	08.72	34.610	26.88		1485.8							
	STD	00050	09.55	34.57	26.87	00.063	1485.3							
	08S	00050	09.55	34.570	26.87		1485.3							
	STD	00075	09.30	34.72	26.87	00.093	1488.7							
	08S	00049	09.72	34.910	26.87		1490.6							
	STD	00100	08.43	34.74	27.02	00.122	1486.1							
	08S	00100	08.49	34.740	27.02		1486.1							
	08S	00107	07.47	34.600	27.06		1482.2							
	08S	00120	06.77	34.490	27.07		1479.4							
	STD	00125	06.81	34.53	27.10	00.148	1479.7							
	08S	00125	06.81	34.530	27.10		1479.7							
	08S	00140	07.57	34.710	27.13		1483.2							
	STD	00150	07.34	34.71	27.16	00.172	1482.5							
	08S	00150	07.34	34.710	27.16		1482.5							
	08S	00170	06.74	34.650	27.20		1480.4							
	STD	00200	06.29	34.60	27.22	00.217	1479.0							
	08S	00200	06.29	34.600	27.22		1479.0							
	08S	00206	06.42	34.690	27.27		1477.7							
	08S	00213	06.25	34.630	27.25		1479.1							
	08S	00219	06.35	34.730	27.32		1479.7							
	08S	00232	06.05	34.690	27.32		1478.7							
	STD	00250	05.29	34.57	27.42	00.259	1475.7							
	08S	00250	05.29	34.570	27.42		1475.7							
	08S	00267	05.20	34.620	27.47		1475.7							
	08S	00278	05.29	34.640	27.48		1476.3							
	STD	00300	04.98	34.63	27.41	00.297	1475.4							
	08S	00300	04.98	34.630	27.41		1475.4							
	08S	00302	04.96	34.680	27.45		1475.4							
	08S	00309	05.10	34.670	27.42		1476.1							
	08S	00313	04.97	34.680	27.45		1475.6							
	08S	00360	06.54	34.990	27.49		1483.1							
	STD	00400	06.24	34.98	27.53	00.364	1482.6							
	08S	00400	06.24	34.980	27.53		1482.6							
	08S	00443	05.71	35.000	27.61		1481.2							
	08S	00450	05.74	35.000	27.61		1481.4							
	STD	00500	05.27	34.96	27.63	00.422	1480.3							
	08S	00500	05.27	34.960	27.63		1480.3							
	08S	00550	05.05	34.960	27.66		1480.2							
	STD	00500	05.01	35.02	27.71	00.472	1481.0							
	08S	00600	05.01	35.020	27.71		1481.0							
	08S	00640	04.92	35.020	27.72		1481.3							
	08S	00673	04.95	35.000	27.70		1481.9							
	08S	00680	04.85	35.010	27.72		1481.6							
	STD	00700	04.83	35.03	27.74	00.518	1481.9							
	08S	00700	04.83	35.030	27.74		1481.9							
	STD	00800	04.57	34.99	27.74	00.563	1482.4							
	08S	00800	04.57	34.990	27.74		1482.4							
	STD	00900	04.30	34.99	27.77	00.607	1483.0							
	08S	00900	04.30	34.990	27.77		1483.0							
	08S	00923	04.33	34.970	27.75		1483.5							
	08S	00945	04.36	34.990	27.76		1486.0							
	08S	00960	04.28	34.990	27.77		1483.9							
	08S	00980	04.30	34.950	27.740*									
	08S	00991	04.13	34.950	27.75		1483.7							
	STD	01000	04.11	34.95	27.76	00.651	1483.8							
	08S	01000	04.11	34.950	27.76		1483.8							
	08S	01017	04.07	34.950	27.76		1483.9							

TABLE XIII.--Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.--(Continued)

REFID 31 8296 YEAR 1972 BOTOP 03420 AIR TEMP 03.9 DIR HGT PER 4140-DIR 32 INST STD RECORDER TEN SQ 1306
CONSEC 0118 MONTH 05 SHIP EV WET RULR 03.3 27 0 X WIND-SPD 10 TRACE OIR J 5 SQUARE 2
LAT 44 58 N DAY 15 DATA USE 1 BAROMFIP 1029.5 SEA CL/TR WIND-FJR DIRATION 00.2 2 SQUARE 46
LONG 346 28 W HOUR 06.0 AREA 05 CLOUD T/A CL/TR WEATHER KJ ORIG IIP 111 1 SQUARE 46

CASNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNØPTH	SNO VEL	XYG	P34	TOT P	NO2	NO3	SI33	PH
06.0	STØ	00000	05.06	33.74	25.69	00.000	1469.6							
	ØBS	00000	05.06	33.740	26.69		1469.6							
	ØBS	00007	05.39	33.820	25.72		1471.2							
	STØ	00010	05.37	33.81	26.71	00.014	1471.1							
	ØBS	00010	05.37	33.810	26.71		1471.1							
	ØBS	00014	05.17	33.790	26.72		1470.3							
	STØ	00020	05.33	33.87	26.76	00.027	1471.2							
	ØBS	00020	05.33	33.870	26.76		1471.2							
	STØ	00030	05.61	33.95	26.79	00.039	1472.6							
	ØBS	00030	05.61	33.950	26.79		1472.6							
	ØBS	00038	05.67	33.740	26.78		1473.0							
	ØBS	00047	05.64	33.940	26.78		1473.0							
	STØ	00050	05.32	33.91	26.80	00.065	1471.7							
	ØBS	00068	04.60	33.840	26.82		1468.9							
	STØ	00075	05.03	33.88	26.81	00.096	1470.9							
	ØBS	00078	05.11	33.890	26.81		1471.3							
	ØBS	00087	05.00	33.890	26.82		1471.0							
	STØ	00100	03.19	33.92	27.03	00.125	1463.6							
	ØBS	00100	03.19	33.920	27.03		1463.6							
	STØ	00101	03.10	34.020	27.12		1463.4							
	ØBS	00125	03.76	34.25	27.24	00.149	1466.9							
	ØBS	00125	03.76	34.250	27.24		1466.9							
	STØ	00147	04.42	34.410	27.29		1470.2							
	ØBS	00150	04.37	34.38	27.28	00.170	1470.0							
	ØBS	00150	04.37	34.380	27.28		1470.0							
	ØBS	00178	05.19	34.550	27.32		1474.1							
	STØ	00200	04.29	34.47	27.36	00.209	1470.7							
	ØBS	00200	04.29	34.470	27.36		1470.7							
	ØBS	00210	04.46	34.510	27.37		1471.6							
	ØBS	00222	04.23	34.520	27.40		1470.8							
	STØ	00250	05.05	34.74	27.48	00.244	1475.0							
	ØBS	00250	05.05	34.740	27.48		1475.0							
	ØBS	00255	05.23	34.740	27.46		1475.8							
	ØBS	00265	05.14	34.750	27.48		1475.6							
	STØ	00300	05.41	34.86	27.54	00.275	1477.4							
	ØBS	00300	05.41	34.860	27.54		1477.4							
	ØBS	00310	05.39	34.850	27.53		1477.5							
	ØBS	00330	05.39	34.870	27.55		1477.9							
	ØBS	00340	05.29	34.870	27.56		1477.6							
	ØBS	00347	05.40	34.900	27.57		1478.2							
	ØBS	00359	05.20	34.890	27.59		1477.6							
	ØBS	00364	05.25	34.910	27.60		1477.7							
	STØ	00400	05.22	34.94	27.62	00.331	1478.4							
	ØBS	00400	05.22	34.940	27.62		1478.4							
	ØBS	00407	05.22	34.970	27.65		1478.6							
	ØBS	00410	05.26	34.960	27.63		1478.8							
	STØ	00500	05.24	35.00	27.67	00.382	1480.2							
	ØBS	00500	05.24	35.000	27.67		1480.2							
	ØBS	00509	05.25	34.990	27.66		1480.4							
	ØBS	00530	04.90	34.970	27.68		1479.3							
	ØBS	00590	04.74	34.950	27.69		1479.6							
	STØ	00600	04.65	34.96	27.71	00.430	1479.4							
	ØBS	00600	04.65	34.960	27.71		1479.4							
	ØBS	00640	04.35	34.900	27.69		1478.7							
	ØBS	00655	04.34	34.890	27.68		1478.9							
	ØBS	00668	04.22	34.880	27.69		1478.6							
	STØ	00700	04.21	34.89	27.70	00.477	1479.1							
	ØBS	00700	04.21	34.890	27.70		1479.1							
	ØBS	00750	04.13	34.931	27.74		1479.2							
	ØBS	00785	04.20	34.952	27.75		1480.6							
	STØ	00800	04.17	34.94	27.74	00.523	1480.7							
	ØBS	00800	04.17	34.940	27.74		1480.7							
	STØ	00900	04.10	34.94	27.75	00.568	1482.1							
	ØBS	00900	04.10	34.941	27.75		1482.1							
	STØ	01000	04.01	34.93	27.75	00.613	1483.4							
	ØBS	01000	04.01	34.933	27.75		1483.4							
	ØBS	01050	03.95	34.925	27.75		1483.9							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

OFFIC 31 R296 YEAR 1972 BOTDP 03036 AIR TEMP 08.3 DIR HGT PER WIND-DIR 27 INST STD RECORDFR TEN SQ 1306
 COMSEC 0119 MONTH 05 SHIP EV WET BOLR 07.2 22 2 2 WIND-SPD 17 TRACE DIR 0 5 SQUARE 4
 LAT 45 17 N DAY 15 DATA JUST 1 BAROMETR 1032.5 SEA CL/TR WEATHER X3 DURATION 03.2 2 SQUARE 46
 LONG 047 03 W HOUR 09.0 AREA 05 CLOUD T/A

CASSTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	SYNDPTH	SND VEL	CHYG	PJ4	TOT P	NO2	NO3	SI33	P4
09.0	STD	00000	05.74	33.96	26.79	00.000	1472.7							
	ONS	00000	05.74	33.960	26.79		1472.7							
	STD	00010	05.73	33.96	26.79	00.013	1472.8							
	ONS	00010	05.73	33.960	26.79		1472.8							
	STD	00020	05.78	33.77	26.79	00.025	1473.2							
	ONS	00020	05.78	33.970	26.79		1473.2							
	STD	00030	05.78	33.97	26.79	00.038	1473.3							
	ONS	00030	05.78	33.970	26.79		1473.3							
	ONS	00034	05.78	33.970	26.79		1473.4							
	ONS	00042	03.87	33.840	26.90		1465.4							
	STD	00050	03.83	33.87	26.93	00.062	1465.4							
	ONS	00050	03.93	33.870	26.93		1465.4							
	ONS	00065	04.24	34.070	27.00		1467.6							
	STD	00075	05.38	34.19	27.01	00.090	1472.7							
	ONS	00075	05.38	34.190	27.01		1472.7							
	ONS	00082	04.64	34.080	27.01		1469.8							
	STD	00100	03.38	34.10	27.15	00.115	1464.7							
	ONS	00100	03.38	34.100	27.15		1464.7							
	ONS	00109	03.55	34.180	27.20		1465.6							
	ONS	00112	03.49	34.170	27.20		1465.4							
	STD	00125	04.54	34.37	27.25	00.137	1470.5							
	ONS	00125	04.58	34.370	27.25		1470.5							
	ONS	00128	04.35	34.410	27.30		1469.6							
	ONS	00132	04.97	34.500	27.30		1472.4							
	STD	00150	04.56	34.45	27.31	00.157	1470.9							
	ONS	00150	04.56	34.450	27.31		1470.9							
	ONS	00160	05.06	34.570	27.35		1473.3							
	ONS	00175	05.43	34.670	27.38		1475.2							
	STD	00200	05.16	34.64	27.39	00.195	1474.5							
	ONS	00200	05.16	34.640	27.39		1474.5							
	ONS	00202	05.05	34.660	27.42		1474.1							
	ONS	00237	05.47	34.790	27.47		1476.4							
	STD	00250	05.45	34.81	27.49	00.229	1476.7							
	ONS	00250	05.45	34.810	27.49		1476.7							
	ONS	00274	04.96	34.800	27.54		1475.1							
	ONS	00290	05.34	34.870	27.55		1477.0							
	STD	00300	05.27	34.86	27.55	00.259	1476.9							
	ONS	00300	05.27	34.860	27.55		1476.9							
	ONS	00319	05.20	34.900	27.59		1477.0							
	ONS	00340	05.26	34.890	27.58		1477.5							
	ONS	00360	05.19	34.870	27.57		1477.5							
	ONS	00370	05.01	34.880	27.60		1477.0							
	ONS	00382	05.19	34.950	27.63		1478.0							
	STD	00400	05.02	34.92	27.63	00.314	1477.6							
	ONS	00400	05.02	34.920	27.63		1477.6							
	ONS	00440	04.86	34.930	27.66		1477.6							
	STD	00500	05.01	34.98	27.68	00.364	1479.3							
	ONS	00500	05.01	34.980	27.68		1479.3							
	STD	00600	04.51	34.96	27.72	00.411	1478.8							
	ONS	00600	04.51	34.965	27.72		1478.8							
	ONS	00640	04.27	34.950	27.74		1478.5							
	STD	00700	04.25	34.96	27.75	00.454	1479.4							
	ONS	00700	04.25	34.960	27.75		1479.4							
	STD	00800	04.16	34.96	27.76	00.497	1480.7							
	ONS	00800	04.16	34.960	27.76		1480.7							
	STD	00900	04.06	34.95	27.77	00.540	1481.9							
	ONS	00900	04.06	34.955	27.77		1481.9							
	STD	01000	03.99	34.94	27.76	00.583	1483.3							
	ONS	01000	03.99	34.945	27.76		1483.3							
	STD	01100	03.93	34.95	27.78	00.627	1484.7							
	ONS	01100	03.93	34.950	27.78		1484.7							
	ONS	01110	03.93	34.945	27.77		1484.9							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296 YEAR 1972 BOTOP 02012 AIR TEMP 08.3 DIR HGT PER WIND-DIR 23 INST STD RECORDER TEN 52 1306
CONSEC 0120 MINT 05 SHIP EV WET BULB 07.2 25 2 2 WIND-SPD 12 TRACE DIR 0 5 SQUARE 4
LAT 45 33 N DAY 15 DATA USE 1 PAROMETK 1031.8 SEA WIND-FTR DURATION 00.2 2 SQUARE 46
LONG 047 28 W HOUR 12.1 AREA 05 CLOUD T/A CL/TR WEATHER X1 ORIG IIP 111 1 SQUARE 57

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNØPTH	SND VEL	ORYG	P34	TOT P	NO2	NO3	S133	P4
12.1	STD	00000	01.12	33.30	26.69	00.000	1452.0							
	ØRS	00000	01.12	33.300	26.69		1452.0							
	STD	00010	01.06	33.30	26.70	00.014	1451.9							
	ØRS	00010	01.06	33.305	26.70		1451.9							
	STD	00020	00.46	33.43	26.84	00.026	1449.5							
	STD	00030	- 0.15	33.54	26.96	00.038	1447.1							
	ØRS	00033	- 0.33	33.570	26.99		1446.3							
	ØRS	00047	00.46	33.700	27.05		1450.4							
	STD	00050	00.42	33.72	27.07	00.059	1450.3							
	ØRS	00050	00.42	33.720	27.07		1450.3							
	ØRS	00056	00.97	33.870	27.16		1453.1							
	ØRS	00068	00.07	33.800	27.16		1449.1							
	STD	00075	00.08	33.41	27.16	00.083	1449.2							
	ØRS	00075	00.09	33.810	27.16		1449.2							
	STD	00100	00.54	34.02	27.31	00.104	1452.0							
	ØRS	00100	00.54	34.020	27.31		1452.0							
	STD	00125	01.71	34.25	27.42	00.122	1458.0							
	ØRS	00125	01.71	34.250	27.42		1458.0							
	ØRS	00145	02.70	34.420	27.47		1462.9							
	STD	00150	03.25	34.52	27.50	00.138	1465.5							
	ØRS	00150	03.25	34.520	27.50		1465.5							
	ØRS	00180	02.13	34.410	27.51		1461.0							
	STD	00200	05.00	34.70	27.57	00.167	1469.7							
	ØRS	00215	04.41	34.760	27.57		1471.8							
	ØRS	00225	04.21	34.730	27.57		1471.1							
	STD	00250	04.44	34.80	27.60	00.194	1472.5							
	ØRS	00250	04.44	34.800	27.60		1472.5							
	ØRS	00285	04.54	34.840	27.62		1473.6							
	STD	00300	04.42	34.93	27.63	00.220	1473.3							
	ØRS	00300	04.42	34.930	27.63		1473.3							
	ØRS	00312	04.32	34.830	27.64		1473.1							
	ØRS	00340	04.37	34.870	27.66		1473.8							
	STD	00400	04.27	34.97	27.68	00.268	1474.4							
	ØRS	00400	04.27	34.870	27.68		1474.4							
	ØRS	00430	04.27	34.880	27.68		1474.9							
	ØRS	00456	04.60	34.950	27.70		1476.8							
	ØRS	00475	04.63	34.940	27.69		1477.2							
	STD	00500	04.57	34.94	27.70	00.315	1477.4							
	ØRS	00500	04.57	34.940	27.70		1477.4							
	ØRS	00590	04.44	34.990	27.75		1478.4							
	STD	00500	04.53	35.00	27.75	00.359	1479.0							
	ØRS	00600	04.53	35.005	27.75		1479.0							
	ØRS	00614	04.54	34.970	27.73		1479.2							
	ØRS	00622	04.44	35.005	27.76		1479.0							
	ØRS	00639	04.52	34.990	27.74		1479.6							
	ØRS	00655	04.42	34.990	27.75		1479.6							
	ØRS	00670	04.50	35.013	27.76		1480.0							
	ØRS	00685	04.37	35.005	27.77		1479.7							
	STD	00700	04.40	34.99	27.76	00.401	1480.1							
	ØRS	00700	04.40	34.995	27.76		1480.1							
	ØRS	00725	04.45	35.005	27.76		1480.7							
	ØRS	00733	04.34	34.980	27.76		1480.4							
	ØRS	00745	04.40	34.990	27.76		1480.9							
	STD	00800	04.31	34.99	27.77	00.443	1481.4							
	ØRS	00800	04.31	34.989	27.77		1481.4							
	ØRS	00852	04.31	34.975	27.75		1482.2							
	STD	00900	04.16	34.97	27.77	00.486	1482.4							
	ØRS	00900	04.16	34.970	27.77		1482.4							
	STD	01000	04.06	34.96	27.77	00.524	1483.6							
	ØRS	01000	04.06	34.965	27.77		1483.6							
	ØRS	01022	04.09	34.970	27.77		1484.1							

TABLE XIII.—Observed and Interpolated Oceanographic Data From Stations Occupied by USCGC EVERGREEN,
7 April 1972—18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296 YEAR 1972 ADTOP 01335 AIR TEMP 06.1 DIR HGT PER WIND-DIR 23 INST STD RECORDER TEM SQ 1306
 CONSEC 0121 MONT 05 SHIP EV WET PULH 05.0 25 2 2 WIND-SPD 03 TRACE DIR 5 SQUARE 4
 LAT 45 42 N DAY 15 DATA USE 1 BAROMETR 1032.2 SEA WIND-FOR 00PATION 03.2 2 SQUARE 46
 LONG 047 42 W HOUR 13.9 AREA 05 CLOUD T/A CL/TR WEATHER KI ORIG TIP 111 1 SQUARE 57

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPM	SND VEL	TKYG	R34	TGT P	QD2	ND3	S133	PH
13.9	STD	00000	01.27	33.34	25.72	00.000	1452.7							
	OBS	00000	01.27	33.340	25.72		1452.7							
	STD	00010	00.72	33.41	26.81	00.013	1453.5							
	OBS	00010	00.72	33.410	26.81		1450.5							
	STD	00020	00.65	33.42	25.82	00.025	1450.4							
	OBS	00020	00.65	33.420	26.82		1450.4							
	STD	00030	00.36	33.64	27.01	00.037	1449.5							
	OBS	00030	00.36	33.640	27.01		1449.5							
	OBS	00033	00.31	33.770	27.12		1449.5							
	STD	00050	00.39	33.97	27.28	00.055	1450.5							
	OBS	00050	00.39	33.970	27.28		1450.5							
	STD	00075	00.38	34.02	27.32	00.075	1450.9							
	OBS	00075	00.38	34.020	27.32		1450.9							
	STD	00100	00.90	34.17	27.41	00.093	1453.9							
	OBS	00100	00.90	34.170	27.41		1453.9							
	STD	00125	01.65	34.31	27.47	00.110	1457.8							
	OBS	00150	02.32	34.44	27.52	00.125	1461.4							
	OBS	00150	02.32	34.440	27.52		1461.4							
	STD	00200	03.43	34.64	27.58	00.153	1467.3							
	OBS	00200	03.43	34.640	27.58		1467.3							
	OBS	00212	03.57	34.670	27.59		1468.1							
	OBS	00220	03.49	34.630	27.57		1467.8							
	SI.	00250	03.87	34.75	27.62	00.179	1470.1							
	OBS	00250	03.87	34.750	27.62		1470.1							
	STD	00300	04.08	34.81	27.65	00.203	1471.9							
	OBS	00300	04.08	34.810	27.65		1471.9							
	STD	00400	04.21	34.90	27.71	00.249	1474.2							
	OBS	00400	04.21	34.905	27.71		1474.2							
	OBS	00477	04.21	34.924	27.72		1475.5							
	STD	00500	04.16	34.93	27.73	00.292	1475.7							
	OBS	00500	04.16	34.926	27.73		1475.7							
	STD	00600	04.07	34.93	27.74	00.334	1477.0							
	OBS	00600	04.07	34.930	27.74		1477.0							
	STD	00700	04.05	34.93	27.75	00.377	1479.5							
	OBS	00700	04.05	34.928	27.75		1478.5							
	STD	00800	04.02	34.93	27.75	00.420	1480.1							
	OBS	00800	04.02	34.931	27.75		1480.1							
	STD	00900	03.98	34.93	27.76	00.463	1481.6							
	OBS	00900	03.98	34.932	27.76		1481.6							
	STD	01000	03.93	34.93	27.76	00.507	1483.0							
	OBS	01000	03.93	34.932	27.76		1483.0							
	OBS	01025	03.93	34.931	27.76		1483.4							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REF ID	31 4296	YEAR	1972	BOTDP	03914	AIR TEMP	03.3	OIR HGT PER		WIND-DIR 2*	INST STD RECORDER	TEN SQ 1306
CONSEC	0122	MONTH	05	SHIP EV		FT BULB	02.2	25 2 2		WIND-SPD 15	TRACE DIR	5 SQUARE 4
LAT	45 48 N	DAY	15	DATA USE	1	BAROMETER	1031.8	SEA		WIND-FJR	DURATION	2 SQUARE 46
LONG	047 54 W	HOHR	15.6	AREA	05	CLOUD 1/A		CL/TP		WEATHER	ORIG IIP 111	1 SQUARE 57

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SND VEL	UXYG	P34	TOT P	NO2	NO3	SI33	P4
15.6	STD	00000	- 0.09	32.95	26.48	00.000	1466.0							
	IBS	00000	- 0.07	32.950	26.48		1466.0							
	STD	00010	- 0.36	32.91	26.46	00.016	1466.9							
	IBS	00010	- 0.36	32.910	26.46		1466.9							
	STD	00020	- 0.54	32.86	26.51	00.031	1466.3							
	IBS	00020	- 0.54	32.860	26.51		1466.3							
	STD	00030	- 0.71	32.87	26.52	00.047	1463.7							
	IBS	00030	- 0.71	32.870	26.52		1463.7							
	STD	00047	- 1.38	33.280	26.79		1461.2							
	IBS	00047	- 1.38	33.280	26.79	00.074	1461.6							
	STD	00050	- 1.34	33.35	26.85		1461.5							
	IBS	00050	- 1.34	33.350	26.85		1461.5							
	STD	00075	- 1.01	33.52	26.98	00.103	1463.9							
	IBS	00075	- 1.01	33.520	26.98		1463.9							
	STD	00100	- 0.49	33.65	27.06	00.129	1466.8							
	IBS	00100	- 0.49	33.650	27.06		1466.8							
	STD	00125	- 0.16	33.72	27.10	00.153	1468.8							
	IBS	00125	- 0.16	33.720	27.10		1468.8							
	STD	00130	- 0.29	33.770	27.15		1468.4							
	IBS	00130	- 0.29	33.770	27.15		1468.4							
STD	00145	- 0.29	33.990	27.24		1469.0								
IBS	00145	- 0.29	33.990	27.24	00.176	1469.0								
STD	00150	- 0.27	33.92	27.27		1467.0								
IBS	00150	- 0.27	33.920	27.27		1467.0								
STD	00160	00.52	34.180	27.44		1453.2								
IBS	00160	00.52	34.180	27.44	00.211	1458.6								
STD	00200	01.54	34.37	27.48		1458.6								
IBS	00200	01.54	34.370	27.48		1458.6								
STD	00225	01.87	34.350	27.48		1460.5								
IBS	00225	01.87	34.350	27.48	00.241	1461.6								
STD	00250	02.02	34.40	27.51		1461.6								
IBS	00250	02.02	34.400	27.51		1461.6								
STD	00288	02.10	34.490	27.58		1462.7								
IBS	00288	02.10	34.490	27.58	00.270	1464.3								
STD	00300	02.39	34.52	27.58		1464.3								
IBS	00300	02.39	34.520	27.58		1464.3								
STD	00400	03.47	34.79	27.69		1470.9								
IBS	00400	03.47	34.786	27.69	00.319	1470.9								
STD	00440	03.94	34.887	27.72		1473.7								
IBS	00440	03.94	34.887	27.72	00.362	1475.1								
STD	00500	04.03	34.92	27.74		1475.1								
IBS	00500	04.03	34.920	27.74		1475.1								
STD	00600	04.06	34.93	27.75		1476.9								
IBS	00600	04.06	34.930	27.75	00.403	1476.9								
STD	00700	04.02	34.93	27.75		1478.4								
IBS	00700	04.02	34.935	27.75	00.445	1478.4								
STD	00800	04.02	34.93	27.75		1480.1								
IBS	00800	04.02	34.930	27.75	00.488	1480.1								

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31 8296.—Continued

REFID 31 8296 YEAR 1972 RUTOP 02048 AIR TEMP 05.0 OIR HGT PER WIND-OIR Z? INST STD RECORDER TEN SQ 1336
 CONSEC 0103 MONTH 05 SHIP EV WET BULB 01.3 32 2 2 WIND-SPO 03 TRACE OIR 7 5 SQUARE 2
 LAT 43 45 N DAY 12 DATA USE 1 BAROMETER 1022.7 SEA WIND-FJR DURATEIN 00.2 2 SQUARE 28
 LONG 048 39 W HOUR 18.0 AREA 05 CLOUD T/A CU/TR WEATHER X) ORIG IIP III 1 SQUARE 39

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNDEPTH	SNO VEL	XYG	P36	TOT P	V02	V03	S133	PH
18.0	ST0	00000	00.94	32.95	26.42	00.000	1450.7							
	OBS	00000	00.94	32.950	26.42		1450.7							
	ST0	00010	00.70	33.04	26.52	00.016	1449.9							
	OBS	00010	00.70	33.045	26.52		1449.9							
	ST0	00020	00.19	33.18	26.65	00.030	1448.0							
	OBS	00020	00.19	33.180	26.65		1448.0							
	OBS	00027	00.74	33.340	26.75		1450.9							
	ST0	00030	00.60	33.42	26.82	00.043	1450.3							
	OBS	00030	00.60	33.420	26.82		1450.3							
	OBS	00048	04.85	34.010	26.93		1469.9							
	ST0	00050	04.79	34.00	26.93	00.067	1469.6							
	OBS	00050	04.79	34.000	26.93		1469.6							
	OBS	00055	03.22	33.780	26.91		1462.9							
	OBS	00070	03.72	33.950	27.00		1465.4							
	ST0	00075	03.13	33.88	27.00	00.095	1462.9							
	OBS	00075	03.13	33.880	27.00		1462.9							
	ST0	00100	00.56	33.72	27.07	00.121	1451.7							
	OBS	00100	00.56	33.720	27.07		1451.7							
	OBS	00103	00.35	33.800	27.14		1451.0							
	ST0	00125	00.12	33.92	27.25	00.144	1450.4							
	OBS	00125	00.12	33.920	27.25		1450.4							
	ST0	00150	00.76	34.12	27.38	00.163	1454.0							
	OBS	00150	00.76	34.120	27.38		1454.0							
	ST0	00200	02.76	34.45	27.49	00.196	1464.1							
	OBS	00200	02.76	34.450	27.49		1464.1							
	OBS	00228	03.46	34.530	27.49		1467.7							
	OBS	00237	04.69	34.720	27.51		1473.3							
	ST0	00250	02.76	34.53	27.55	00.226	1465.0							
	OBS	00250	02.76	34.530	27.55		1465.0							
	OBS	00261	03.93	34.680	27.56		1470.4							
	OBS	00268	03.13	34.580	27.56		1467.0							
	OBS	00271	03.62	34.70 P	27.610									
	OBS	00282	03.63	34.660	27.58 *		1469.5							
	OBS	00291	02.76	34.52 P	27.550*									
	ST0	00300	02.92	34.63	27.62	00.252	1466.7							
	OBS	00300	02.92	34.630	27.62		1466.7							
	OBS	00312	03.46 P	34.650	27.580*									
	OBS	00325	03.21	34.59 P	27.560									
	OBS	00361	03.92	34.760	27.63		1472.1							
	OBS	00370	03.93	34.760	27.63		1471.9							
	ST0	00400	03.84	34.79	27.66	00.301	1472.5							
	OBS	00400	03.84	34.790	27.66		1472.5							
	ST0	00500	04.12	34.88	27.70	00.348	1475.4							
	OBS	00500	04.12	34.885	27.70		1475.4							
	ST0	00600	04.13	34.90	27.72	00.393	1477.2							
	OBS	00600	04.13	34.905	27.72		1477.2							
	ST0	00700	04.16	34.91	27.72	00.438	1479.0							
	OBS	00700	04.16	34.910	27.72		1479.0							
	OBS	00770	04.22	34.930	27.73		1480.4							
	ST0	00800	04.17	34.93	27.73	00.483	1480.7							
	OBS	00800	04.17	34.930	27.73		1480.7							
	ST0	00900	04.12	34.93	27.74	00.528	1482.2							
	OBS	00900	04.12	34.930	27.74		1482.2							
	OBS	00965	04.19	34.950	27.75		1483.6							
	OBS	00991	04.19	34.945	27.74		1484.0							
	ST0	01000	04.18	34.93	27.73	00.575	1484.1							
	OBS	01000	04.18	34.930	27.73		1484.1							
	OBS	01050	04.12	34.930	27.74		1484.7							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NOIC Listing No. 31–8296.—(Continued)

REFID 31 8296 YEAR 1972 BOTOP 03292 AIR TEMP 06.7 OIR HGT PER WIND-DIR 20 INST STD RECORDER TEN SQ 1306
 CONSEC 0104 MONTH 05 SHIP EV WFT ADLR 05.6 26 4 2 WIND-SPO 10 TRACE DIR 0 5 SQUARE 2
 LAT 43 37 N DAY 12 DATA USE 1 BAROMETR 1022.7 SEA DRIG 03.3 2 SQUARE 28
 LONG 049 16 W HOUR 20.4 AREA 05 CLUTJ T/A CL/TR #EATHER X0 DRIG TIP 111 1 SQUARE 38

CSTNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNPTH	SNO VEL	OXYG	P34	TOT P	NO2	NO3	SI33	P4
20.6	STD	00000	01.51	33.08	26.49	00.000	1453.5							
	URS	00000	01.51	33.080	26.49		1453.5							
	STD	00010	03.95	33.87	26.87	00.014	1465.2							
	URS	00010	03.95	33.818	26.87		1465.2							
	STD	00020	03.67	33.82	26.88	00.026	1465.0							
	URS	00020	03.87	33.820	26.88		1465.0							
	URS	00026	03.87	33.621	26.88		1465.1							
	STD	00030	04.01	33.87	26.91	00.037	1465.9							
	URS	00030	04.01	33.870	26.91		1465.9							
	STD	00050	05.01	34.08	26.97	00.060	1470.7							
	URS	00050	05.01	34.080	26.97		1470.7							
	URS	00070	04.22	34.480	27.13		1476.4							
	STD	00075	05.96	34.52	27.20	00.085	1475.5							
	URS	00075	05.96	34.519	27.20		1475.5							
	URS	00081	05.71	34.480	27.20		1474.6							
	STD	00100	05.94	34.56	27.23	00.107	1475.9							
	URS	00100	05.94	34.560	27.23		1475.9							
	URS	00108	05.91	34.610	27.28		1476.0							
	URS	00112	05.58	34.640	27.34		1474.7							
	STD	00125	06.02	34.68	27.32	00.127	1476.8							
	URS	00125	06.02	34.680	27.32		1476.8							
	URS	00142	05.14	34.560	27.33		1473.3							
	STD	00150	05.54	34.65	27.35	00.146	1475.4							
	URS	00153	05.71	34.670	27.35		1476.0							
	URS	00180	05.84	34.680	27.34		1477.0							
	URS	00184	05.48	34.775	27.46		1475.8							
	STD	00200	05.16	34.75	27.48	00.181	1474.6							
	URS	00200	05.16	34.750	27.48		1474.6							
	URS	00220	03.46	34.590	27.49		1469.8							
	STD	00250	05.16	34.83	27.55	00.212	1475.6							
	URS	00250	05.16	34.835	27.55		1475.6							
	URS	00260	05.32	34.890	27.57		1476.5							
	URS	00290	04.93	34.835	27.57		1475.3							
	STD	00300	05.07	34.90	27.61	00.239	1476.1							
	URS	00300	05.07	34.905	27.61		1476.1							
	URS	00303	05.15	34.912	27.61		1476.6							
	URS	00345	04.84	34.895	27.63		1475.9							
	URS	00360	05.27	34.991	27.66		1478.0							
	STD	00400	04.80	34.95	27.68	00.289	1476.7							
	URS	00400	04.80	34.955	27.68		1476.7							
	URS	00410	04.66	34.930	27.68		1476.3							
	URS	00430	04.66	34.900	27.66		1476.6							
	URS	00435	04.57	34.930	27.69		1476.3							
	URS	00442	04.62	34.938	27.69		1476.6							
	URS	00460	04.46	34.960	27.73		1476.3							
	STD	00500	04.61	34.96	27.71	00.334	1477.6							
	URS	00500	04.61	34.965	27.71		1477.6							
	URS	00510	04.50	34.960	27.72		1477.3							
	STD	00600	04.36	34.96	27.74	00.378	1478.2							
	URS	00600	04.36	34.962	27.74		1478.2							
	STD	00700	04.27	34.96	27.75	00.421	1479.5							
	URS	00700	04.27	34.961	27.75		1479.5							
	URS	00725	04.22	34.965	27.76		1479.7							
	URS	00732	04.26	34.965	27.75		1480.0							
	URS	00745	04.22	34.963	27.75		1480.0							
	URS	00751	04.26	34.988	27.77		1480.3							
	URS	00770	04.11	34.950	27.76		1480.0							
	URS	00783	04.12	34.942	27.75		1480.2							
	STD	00800	04.06	34.94	27.75	00.464	1480.2							
	URS	00800	04.06	34.940	27.75		1480.2							
	STD	00900	04.06	34.94	27.76	00.508	1481.9							
	URS	00900	04.06	34.945	27.76		1481.9							
	STD	01000	03.97	34.94	27.76	00.552	1483.2							
	URS	01000	03.97	34.940	27.76		1483.2							
	STD	01100	03.94	34.94	27.77	00.596	1484.8							
	URS	01100	03.94	34.942	27.77		1484.8							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REF ID: A796
 YFAR: 1972
 MONT: 05
 DAY: 13
 HOUR: 00.3
 BOTOP: 01731
 SHIP: EV
 DATA USE: 1
 AREA: 05
 AIP TEMP: 09.3
 WET BULB: 06.7
 BAROMETR: 1022.7
 CLOUD: T/A
 DIR HGT: 0
 10: 2
 3: 3
 SFA:
 CL/TR:
 WIND-DIR: 15
 WIND-SPD: 14
 WIND-FTR:
 WEATHER: XI
 INST: STD
 RECORDER:
 TRACE DIR: 0
 DURATION: 00.2
 ORIG: 111
 TEN SQ: 1306
 5 SQUARE: 2
 2 SQUARE: 26
 1 SQUARE: 37

CSTNUM/TIME	LVL/TP	DEPTH	TEMP	SAL	SIGMA-T	GYNDEPTH	SND VEL	XYG	P34	TOT P	NO2	NO3	S133	P4
00.3	STD	00000	08.32	34.28	26.68	00.000	1483.2							
	08S	00300	08.32	34.280	26.68		1483.2							
	08S	00095	08.29	34.270	26.68		1483.2							
	STD	00010	08.46	34.34	26.71	00.014	1484.0							
	06S	00310	08.46	34.340	26.71		1484.0							
	STD	00020	08.96	34.56	26.80	00.027	1486.3							
	08S	00320	08.96	34.560	26.80		1486.3							
	STD	00030	09.49	34.84	26.96	00.038	1488.9							
	08S	00030	09.49	34.880	26.96		1488.9							
	08S	00045	09.22	34.800	26.95		1488.0							
	STD	00050	09.35	34.86	26.97	00.061	1489.6							
	08S	00050	09.35	34.860	26.97		1489.6							
	08S	00059	09.53	34.900	26.97		1489.5							
	STD	00075	09.24	34.43	26.97	00.088	1488.6							
	08S	00075	09.24	34.830	26.97		1488.6							
	STD	00100	08.67	34.73	26.99	00.116	1486.6							
	08S	00100	08.62	34.730	26.99		1486.6							
	08S	00106	08.44	34.770	27.05		1486.0							
	08S	00120	08.42	34.300	27.07		1486.2							
	STD	00125	08.24	34.78	27.09	00.142	1485.6							
	08S	00125	08.24	34.780	27.09		1485.6							
	08S	00140	08.27	34.850	27.14		1486.1							
	08S	00146	08.12	34.400	27.12		1485.5							
	STD	00150	08.25	34.91	27.19	00.167	1486.2							
	08S	00150	08.25	34.910	27.19		1486.2							
	08S	00155	08.31	34.910	27.18		1486.5							
	08S	00161	07.76	34.780	27.16		1484.4							
	08S	00165	07.82	34.840	27.20		1484.7							
	08S	00175	07.49	34.780	27.20		1483.5							
	08S	00180	07.58	34.880	27.26		1484.1							
	08S	00197	07.22	34.780	27.24		1482.9							
	STD	00200	07.33	34.45	27.27	00.211	1483.4							
	08S	00200	07.33	34.850	27.27		1483.4							
	08S	00225	07.12	34.840	27.30		1483.0							
	08S	00230	07.16	34.880	27.32		1483.3							
	STD	00250	06.17	34.72	27.33	00.251	1479.5							
	08S	00260	05.52	34.660	27.37		1477.1							
	08S	00280	05.27	34.660	27.40		1476.3							
	08S	00295	05.52	34.730	27.42		1477.6							
	STD	00300	05.43	34.71	27.42	00.289	1477.3							
	08S	00300	05.43	34.710	27.42		1477.3							
	08S	00310	05.53	34.750	27.44		1477.9							
	08S	00334	05.27	34.780	27.49		1477.3							
	08S	00347	05.34	34.790	27.49		1477.8							
	08S	00365	05.31	34.830	27.53		1478.1							
	STD	00400	05.36	34.86	27.54	00.354	1478.9							
	08S	00400	05.36	34.860	27.54		1478.9							
	08S	00439	05.26	34.910	27.59		1479.2							
	08S	00465	05.63	35.010	27.62		1481.5							
	STD	00500	05.29	34.97	27.64	00.411	1480.4							
	08S	00500	05.29	34.970	27.64		1480.4							
	STD	00600	04.88	34.98	27.69	00.461	1480.4							
	08S	00600	04.88	34.980	27.69		1480.4							
	STD	00700	04.74	34.98	27.71	00.509	1481.5							
	08S	00700	04.74	34.980	27.71		1481.5							
	STD	00800	04.44	34.98	27.74	00.555	1481.9							
	08S	00800	04.44	34.980	27.74		1481.9							
	STD	00900	04.30	34.95	27.74	00.600	1482.9							
	08S	00900	04.30	34.955	27.74		1482.9							
	STD	01000	04.18	34.95	27.75	00.646	1484.1							
	08S	01000	04.18	34.955	27.75		1484.1							
	08S	01050	04.11	34.950	27.76		1484.6							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID	31	8296	YEAR	1972	BOAT	03749	AIR TEMP	07-2	DIR HGT	PER	WIND-DIR	13	INST	STY	REC	NOER	TEN	SO	1306
CONSEC		0106	MONTH	05	SHIP	EV	NET BULB	06.1	15	1	2	WIND-SPO	15	TRACE	DIR		5	SQUARE	2
LAT	43	12	N	DAY	13	DATA	USE	1	SEA		WIND-FZR		DURATION		00.9	2	SQUARE	26	
LONG	047	04	W	HOOR	04-0	AREA	05	CLOUD	T/A	CL/TR	HEAT-FP	X3	DRIG	ITP	111	1	SQUARE	37	

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNDPTH	SNO	VEL	DIR	P34	TOT P	NO2	NO3	SIG3	P4
04.0	ST0	00000	09.03	34.62	26.84	00.000	1486.3								
	085	00000	09.03	34.620	26.84		1486.3								
	ST0	00010	09.01	34.61	26.83	00.012	1486.4								
	ST0	00020	08.94	34.60	26.83	00.025	1486.3								
	085	00020	08.94	34.600	26.83		1486.3								
	ST0	00030	08.83	34.58	26.84	00.037	1486.0								
	085	00030	08.83	34.580	26.84		1486.0								
	085	00040	07.69	34.430	26.89		1481.6								
	ST0	00050	06.39	34.22	26.91	00.061	1476.4								
	085	00050	06.39	34.220	26.91		1476.4								
	085	00061	05.81	34.210	26.97		1474.3								
	085	00070	05.57	34.250	27.04		1473.5								
	ST0	00075	06.33	34.37	27.04	00.088	1476.8								
	085	00092	07.21	34.580	27.08		1480.8								
	085	00096	07.03	34.580	27.10		1480.2								
	ST0	00100	07.44	34.73	27.16	00.113	1482.1								
	085	00103	07.55	34.780	27.19		1482.6								
	085	00115	06.22	34.530	27.17		1477.2								
	ST0	00125	06.31	34.54	27.17	00.136	1477.9								
	085	00125	06.31	34.540	27.17		1477.8								
	085	00146	06.39	34.650	27.25		1478.6								
	ST0	00150	06.12	34.64	27.27	00.158	1477.5								
	085	00150	06.12	34.640	27.27		1477.5								
	085	00170	06.38	34.670	27.26		1479.0								
	085	00175	06.45	34.710	27.29		1479.4								
	085	00180	05.99	34.610	27.27		1477.5								
	ST0	00200	05.41	34.63	27.35	00.198	1475.5								
	085	00200	05.41	34.630	27.35		1475.5								
	085	00209	05.91	34.680	27.33		1477.7								
	085	00230	05.51	34.680	27.38		1476.5								
	085	00240	05.83	34.740	27.39		1478.0								
	ST0	00250	05.56	34.69	27.38	00.235	1477.0								
	085	00250	05.56	34.690	27.38		1477.0								
	085	00257	05.87	34.700	27.35 *		1478.4								
	085	00273	04.83	34.700	27.48		1474.4								
	085	00282	04.76	34.730	27.51		1474.3								
	ST0	00300	05.58	34.81	27.48 *	00.270	1478.1								
	085	00300	05.58	34.810	27.48		1478.1								
	085	00310	05.61	34.800	27.46		1478.3								
	085	00320	05.54	34.820	27.49		1478.2								
	085	00331	05.61	34.860	27.51		1478.8								
	085	00345	05.50	34.870	27.53		1478.6								
	085	00365	05.54	34.890	27.54		1479.1								
	085	00390	05.31	34.890	27.57		1478.6								
	ST0	00400	05.36	34.92	27.59	00.330	1479.0								
	085	00400	05.36	34.920	27.59		1479.0								
	085	00430	05.36	34.930	27.60		1479.5								
	ST0	00500	05.11	34.97	27.66	00.384	1479.7								
	085	00500	05.11	34.970	27.66		1479.7								
	085	00540	05.05	34.990	27.68		1480.1								
	085	00560	05.09	35.000	27.69		1480.6								
	ST0	00600	04.96	34.99	27.69	00.433	1480.7								
	085	00600	04.96	34.990	27.69		1480.7								
	ST0	00700	04.61	34.97	27.72	00.480	1480.9								
	085	00700	04.61	34.970	27.72		1480.9								
	085	00775	04.47	34.960	27.73		1481.6								
	ST0	00800	04.55	34.99	27.74	00.526	1482.4								
	085	00800	04.55	34.990	27.74		1482.4								
	085	00840	04.58	34.990	27.74		1483.1								
	ST0	00900	04.50	34.99	27.75	00.572	1483.8								
	085	00900	04.50	34.990	27.75		1483.8								
	085	00960	04.42	34.980	27.75		1484.5								
	ST0	01000	04.16	34.95	27.75	00.617	1484.0								
	085	01000	04.16	34.950	27.75		1484.0								
	ST0	01100	04.10	34.94	27.75	00.663	1485.4								
	085	01100	04.10	34.940	27.75		1485.4								

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972—18 June 1972, Prepared from NODC Listing No. 31 8296.—Continued

REFID 31 8296 YEAR 1972 BOTOP 04298 AIR TEMP 13.9 DIR HGT PFR WIND-DIR 13 INST STO RECORDER TEN S2 1306
 CNSEFC 0107 MONTH 05 SHIP RV WFT RULR 11.7 11 2 2 WIND-SPD 34 TRACE DIR 0 5 SQUARE 2
 LAT 43 00 N DAY 13 DATA USE 1 BAROMETR 1015.6 SEA WIND-FJR DURATION 00.5 2 SQUARE 26
 LONG 046 19 W HOUR 07.5 AREA 05 CLOUD T/A CLTR WEATHER XL ORIG IIP III 1 SQUARE 36

CSTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	DXYG	P74	TOT P	NO2	NO3	S133	P4
07.5	STD	00000	15.07	35.72	26.53	00.000	1508.5							
	DBS	00000	15.07	35.720	26.53		1508.5							
	STD	00010	15.07	35.72	26.53	00.015	1508.7							
	DBS	00010	15.07	35.720	26.53		1508.7							
	DBS	00015	15.07	35.720	26.53		1508.7							
	STD	00020	14.99	35.72	26.55	00.030	1508.6							
	DBS	00020	14.99	35.720	26.55		1508.6							
	DBS	00026	14.60	35.680	26.60		1507.4							
	STD	00030	14.71	35.79	26.66	00.045	1507.9							
	DBS	00033	14.76	35.840	26.69		1508.2							
	STD	00050	14.39	35.74	26.69	00.073	1507.2							
	DBS	00050	14.39	35.740	26.69		1507.2							
	STD	00075	13.84	35.62	26.72	00.107	1505.7							
	DBS	00075	13.84	35.620	26.72		1505.7							
	STD	00100	13.53	35.57	26.74	00.140	1505.0							
	DBS	00100	13.53	35.570	26.74		1505.0							
	STD	00125	13.27	35.51	26.75	00.174	1504.5							
	DBS	00125	13.27	35.510	26.75		1504.5							
	STD	00150	12.78	35.41	26.77	00.207	1503.1							
	DBS	00150	12.78	35.410	26.77		1503.1							
	DBS	00155	12.76	35.390	26.76		1503.1							
	DBS	00179	12.94	35.480	26.79		1504.2							
	DBS	00181	12.98	35.530	26.83		1504.4							
	DBS	00189	12.89	35.560	26.87		1504.3							
	STD	00200	13.10	35.61	26.86	00.271	1505.2							
	DBS	00200	13.10	35.610	26.86		1505.2							
	DBS	00239	10.19	35.060	26.99		1495.1							
	STD	00250	10.94	35.26	27.01	00.331	1498.2							
	DBS	00250	10.94	35.260	27.01		1498.2							
	DBS	00272	11.82	35.550	27.07		1502.0							
	STD	00300	10.49	35.25	27.08	00.385	1497.4							
	DBS	00300	10.49	35.250	27.08		1497.4							
	DBS	00315	10.57	35.320	27.12		1498.0							
	DBS	00332	10.52	35.360	27.16		1498.2							
	STD	00400	08.43	35.04	27.26	00.483	1491.2							
	DBS	00400	08.43	35.040	27.26		1491.2							
	DBS	00413	08.96	35.170	27.28		1493.6							
	DBS	00437	08.54	35.170	27.34		1492.4							
	DBS	00441	08.64	35.190	27.34		1492.8							
	DBS	00469	07.58	34.980	27.34		1489.0							
	STD	00500	05.34	34.63	27.36	00.567	1480.1							
	DBS	00500	05.34	34.630	27.36		1480.1							
	DBS	00511	04.81	34.620	27.42		1478.1							
	DBS	00517	04.89	34.640	27.47		1478.6							
	DBS	00530	03.71	34.510	27.45		1473.7							
	DBS	00545	04.62	34.780	27.57		1478.1							
	DBS	00594	06.06	34.980	27.55		1485.1							
	STD	00600	06.02	34.98	27.56	00.638	1485.0							
	DBS	00600	06.02	34.980	27.56		1485.0							
	DBS	00636	05.91	35.000	27.59		1485.2							
	DBS	00650	05.44	34.970	27.62		1483.5							
	DBS	00660	05.62	34.980	27.61		1484.4							
	DBS	00680	05.24	34.950	27.63		1483.1							
	STD	00700	05.36	34.98	27.64	00.697	1484.0							
	DBS	00700	05.36	34.980	27.64		1484.0							
	DBS	00715	05.26	34.980	27.65		1483.8							
	DBS	00731	05.26	34.980	27.65		1484.1							
	DBS	00748	05.16	34.980	27.66		1484.0							
	DBS	00770	05.15	34.980	27.66		1484.3							
	STD	00800	04.79	34.94	27.67	00.750	1483.3							
	DBS	00800	04.79	34.940	27.67		1483.3							
	DBS	00820	04.64	34.930	27.68		1483.0							
	DBS	00830	04.69	34.940	27.68		1483.4							
	DBS	00860	04.63	34.940	27.69		1483.6							
	DBS	00869	04.69	34.920	27.67		1484.0							
	DBS	00877	04.57	34.940	27.70		1483.6							
	DBS	00888	04.60	34.940	27.69		1484.0							
	STD	00900	04.54	34.94	27.70	00.801	1483.9							
	DBS	00900	04.54	34.940	27.70		1483.9							
	STD	01000	04.45	34.94	27.71	00.851	1485.2							
	DBS	01000	04.45	34.940	27.71		1485.2							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972—18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REF ID	31 8296	YEAR	1972	BOTOP	03859	AIR TEMP	09.4	OIR HGT	PER	WIND-OIR	13	INST STO	RECORDR	TEN SQ	1306
CONSEC	0108	MONTH	05	SHIP EV		WET RULB	09.9		14 3 2	WIND-SPO	22	TRACE OIR		5 SQUARE	2
LAT	44 06 N	DAY	13	DATA USE	1	BAROMETR	1013.5	SEA		WIND-FJR		DURATION	00.2	2 SQUARE	46
LONG	046 11 W	HOOR		AREA	05	CLOUD T/A		CL/TR		WEATHER	X2	ORIG IIP	111	1 SQUARE	46

CAS	NUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	OYNPTH	SNO VEL	OXYG	P34	TOT P	NO2	NO3	SIC3	P4
19.6	STN		00000	08.72	34.39	76.71	00.000	1484.9							
	ONS		00000	08.72	34.390	26.71		1484.9							
	STN		00010	08.48	34.36	26.72	00.013	1484.1							
	ONS		00010	08.48	34.360	26.72		1484.1							
	STN		00020	08.20	34.56	26.92	00.026	1483.5							
	ONS		00020	08.20	34.565	26.92		1483.5							
	STN		00025	07.08	34.435	26.98		1479.0							
	ONS		00025	07.08	34.435	26.98		1479.0							
	STN		00030	07.11	34.46	27.00	00.037	1479.3							
	ONS		00030	07.11	34.460	27.00		1479.3							
	STN		00050	07.86	34.66	27.05	00.058	1482.8							
	ONS		00050	07.86	34.660	27.05		1482.8							
	STN		00061	08.11	34.680	27.03		1483.9							
	ONS		00070	08.51	34.860	27.11		1485.8							
	STN		00075	08.39	34.81	27.09	00.083	1485.4							
	ONS		00075	08.39	34.810	27.09		1485.4							
	STN		00099	07.09	34.590	27.10		1480.5							
	ONS		00100	07.16	34.62	27.12	00.108	1480.8							
	STN		00100	07.16	34.620	27.12		1480.8							
	ONS		00112	06.92	34.615	27.15		1480.1							
	STN		00125	07.26	34.71	27.17	00.132	1481.7							
	ONS		00125	07.26	34.710	27.17		1481.7							
	STN		00130	06.94	34.620	27.15		1480.4							
	ONS		00135	06.99	34.700	27.20		1480.8							
	STN		00150	06.72	34.69	27.24	00.154	1480.0							
	ONS		00150	06.72	34.695	27.24		1480.0							
	STN		00171	06.22	34.665	27.28		1478.3							
	ONS		00181	06.35	34.675	27.27		1479.0							
	STN		00200	05.32	34.57	27.32	00.195	1475.0							
	ONS		00200	05.32	34.570	27.32		1475.0							
	STN		00225	04.70	34.550	27.37		1472.9							
	ONS		00250	05.16	34.67	27.42	00.233	1475.3							
	STN		00250	05.16	34.670	27.42		1475.3							
	ONS		00259	05.15	34.705	27.45		1475.5							
	STN		00300	05.71	34.88	27.52	00.266	1478.7							
	ONS		00300	05.71	34.880	27.52		1478.7							
	STN		00303	05.78	34.900	27.52		1479.0							
	ONS		00339	04.92	34.775	27.53		1476.0							
	STN		00379	05.26	34.875	27.57		1478.2							
	ONS		00381	05.14	34.860	27.57		1477.7							
	STN		00400	05.28	34.91	27.59	00.324	1478.6							
	ONS		00400	05.28	34.910	27.59		1478.6							
	STN		00469	05.55	35.005	27.63		1481.0							
	ONS		00490	05.29	35.065	27.71		1480.4							
	STN		00500	05.49	35.06	27.69	00.376	1481.3							
	ONS		00500	05.49	35.060	27.69		1481.3							
	STN		00525	05.23	35.025	27.69		1480.6							
	ONS		00535	05.38	35.025	27.67		1481.4							
	STN		00550	05.12	35.020	27.70		1480.6							
	ONS		00600	04.83	35.01	27.72	00.423	1480.2							
STN		00600	04.83	35.010	27.72		1480.2								
ONS		00700	04.75	35.02	27.74	00.468	1481.6								
STN		00700	04.75	35.020	27.74		1481.6								
ONS		00709	04.65	35.025	27.76		1481.3								
STN		00752	04.82	35.035	27.75		1482.7								
ONS		00800	04.67	35.02	27.76	00.512	1482.7								
STN		00800	04.62	35.025	27.76		1482.7								
ONS		00900	04.51	35.02	27.77	00.556	1483.9								
STN		00900	04.51	35.020	27.77		1483.9								
ONS		01000	04.30	35.00	27.78	00.599	1484.7								
STN		01000	04.30	35.005	27.78		1484.7								
ONS		01003	04.30	35.005	27.78		1484.7								

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 9296 YEAR 1972 BOTOP 03932 AIR TEMP 06.7 DIR HGT PER 41NO-31R 23 INST STD RECORDER TEN 53 1306
 CONSEC 0109 MONTH 05 SHIP EV WET BULB 05.6 25 3 2 WIND-SPO 25 TRACE DIR 0 5 SQUARE 2
 LAT 44 12 N DAY 13 DATA USE 1 BAROMETR 1015.6 SFA 41NO-F1R 0URATION 00.3 2 SQUARE 46
 LONG 046 45 W HOUR 21-0 AREA 05 CLOUD T/A CLTR WEATHER X2 ORIG LIP 111 1 SQUARE 46

CAS	NUM/TIME	LVL	DEPTH	TEMP	SAL	SIGMA-T	OYNDPTH	SND VEL	CHYG	P34	TOT P	NO2	NO3	S133	P4
	STO		000.00	08.85	34.50	26.77	00.000	1485.5							
21.0	OBS		000.00	09.85	34.500	26.77		1485.5							
	STO		000.10	08.85	34.50	26.77	00.013	1485.7							
	OBS		000.10	08.85	34.500	26.77		1485.7							
	STO		000.20	08.81	34.45	26.74	00.026	1485.6							
	OBS		000.20	09.81	34.450	26.74		1485.6							
	STO		000.30	08.71	34.47	26.77	00.039	1485.4							
	OBS		000.30	08.71	34.470	26.77		1485.4							
	OBS		000.41	07.24	34.500	27.01		1480.0							
	STO		000.50	07.74	34.65	27.06	00.062	1482.3							
	OBS		000.50	07.74	34.650	27.06		1482.3							
	STO		000.75	08.24	34.80	27.10	00.087	1484.8							
	OBS		000.75	08.24	34.800	27.10		1484.8							
	STO		001.00	07.94	34.77	27.12	00.112	1484.0							
	OBS		001.00	07.94	34.770	27.12		1484.0							
	OBS		001.10	08.09	34.840	27.15		1484.9							
	OBS		001.27	07.33	34.700	27.16		1481.9							
	STO		001.25	07.42	34.75	27.18	00.135	1482.4							
	OBS		001.25	07.42	34.750	27.18		1482.4							
	OBS		001.31	07.51	34.760	27.19		1482.9							
	STO		001.50	06.84	34.60	27.15	00.158	1480.4							
	OBS		001.50	06.84	34.600	27.15		1480.4							
	STO		002.00	05.31	34.44	27.22	00.204	1474.8							
	OBS		002.00	05.31	34.440	27.22		1474.8							
	OBS		002.29	05.91	34.650	27.31		1478.0							
	OBS		002.40	05.23	34.620	27.37		1475.4							
	OBS		002.48	05.56	34.680	27.38		1477.0							
	STO		002.50	05.48	34.67	27.38	00.245	1476.7							
	OBS		002.52	05.42	34.670	27.39		1476.4							
	OBS		002.70	05.51	34.660	27.37		1477.1							
	OBS		002.85	05.23	34.680	27.42		1476.2							
	OBS		002.90	05.33	34.720	27.44		1476.8							
	STO		003.00	05.00	34.67	27.44	00.281	1475.5							
	OBS		003.10	04.91	34.665	27.44		1475.3							
	OBS		003.40	06.02	34.905	27.50		1480.6							
	OBS		003.55	05.87	34.960	27.56		1480.3							
	STO		004.00	05.35	34.90	27.58	00.344	1478.9							
	OBS		004.00	05.35	34.900	27.58		1478.9							
	OBS		004.11	05.12	34.960	27.65		1478.2							
	OBS		004.47	04.74	34.875	27.63		1477.1							
	STO		005.00	04.81	34.90	27.64	00.398	1478.3							
	OBS		005.04	04.81	34.910	27.65		1478.4							
	OBS		005.13	04.71	34.935	27.68		1478.2							
	OBS		005.40	04.72	34.940	27.68		1478.7							
	OBS		005.49	04.62	34.975	27.72		1478.4							
	OBS		005.82	04.86	35.005	27.77		1480.0							
	STO		006.00	04.85	35.01	27.73	00.447	1480.3							
	OBS		006.00	04.85	35.015	27.73		1480.3							
	STO		007.00	04.95	35.01	27.71	00.493	1482.4							
	OBS		007.00	04.95	35.010	27.71		1482.4							
	OBS		007.24	04.25	34.945	27.74		1479.8							
	OBS		007.56	04.17	34.945	27.75		1480.0							
	OBS		007.70	04.37	34.950	27.73		1481.1							
	STO		008.00	04.14	34.94	27.75	00.539	1480.6							
	OBS		008.00	04.14	34.945	27.75		1480.6							
	STO		009.00	04.16	34.96	27.76	00.582	1482.4							
	OBS		009.00	04.16	34.965	27.76		1482.4							
	STO		010.00	04.26	34.98	27.76	00.626	1484.5							
	OBS		010.00	04.26	34.980	27.76		1484.5							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REF ID	31 4296	YEAR	1972	ROTOP	04R40	AIR TEMP	05.0	DIR HGT	PER	4IND-DIR	31	INST STD	RECORDER	TEN SQ	1306	
CONSEC	3110	MONTH	05	SHIP EV		WET AULR	03.9	32	4	2	4IND-SPD	15	TRACE DIR	0	5 SQUARE	2
LAT	44 16 N	DAY	14	DATA USE	1	BAROMETP	1017.3	SEA			WIND-FJR		DURATION	00.2	2 SQUARE	46
LONG	047 16 W	HOUR	01.5	AREA	05	CLOUD T/A		CL/TR			WEATHER	K1	ORIG IIP	111	1 SQUARE	47

CAST/NO/TIME	LVLTYP	DEPTH	TEMP	SAL	SI.46-T	DYNDEPTH	SN0 VEL	DRYG	P14	TGT P	NO2	NO3	SI33	P4
01.5	STD	00000	05.86	33.94	26.69	00.000	1473.0							
	DRS	00000	05.86	33.845	26.68		1473.0							
	DRS	00004	05.84	33.870	26.70		1473.0							
	DRS	00006	05.89	33.860	26.69		1473.2							
	STD	00010	05.90	33.85	26.69	00.014	1473.3							
	DRS	00010	05.90	33.950	26.68		1473.3							
	STD	00020	05.94	33.87	26.69	00.027	1473.7							
	DRS	00020	05.94	33.870	26.69		1473.7							
	DRS	00024	06.00	33.880	26.69		1474.0							
	DRS	00028	05.98	33.900	26.71		1474.0							
	STD	00030	06.04	33.72	26.72	00.041	1474.3							
	DRS	00030	06.04	33.920	26.72		1474.3							
	STD	00050	07.79	34.70	26.78	00.067	1482.0							
	DRS	00050	07.79	34.400	26.78		1482.0							
	DRS	00055	08.14	34.545	26.97		1483.8							
	DRS	00064	07.44	34.550	27.02		1481.3							
	STD	00075	07.96	34.60	26.99	00.097	1483.5							
	DRS	00075	07.96	34.600	26.99		1483.5							
	STD	00100	07.40	34.53	27.01	00.124	1481.6							
	DRS	00100	07.40	34.530	27.01		1481.6							
	DRS	00107	07.77	34.700	27.09		1483.4							
	STD	00125	06.80	34.60	27.15	00.149	1479.8							
	DRS	00125	06.80	34.600	27.15		1479.8							
	STD	00150	07.14	34.70	27.18	00.172	1481.7							
	DRS	00150	07.14	34.700	27.18		1481.7							
	DRS	00170	07.07	34.800	27.27		1481.9							
	DRS	00190	07.00	34.780	27.27		1481.7							
	DRS	00196	07.24	34.870	27.30		1483.0							
	STD	00200	07.13	34.75	27.22	00.218	1482.5							
	STD	00250	05.69	34.60	27.30	00.260	1477.4							
	DRS	00250	05.69	34.600	27.30		1477.4							
	DRS	00254	05.35	34.700	27.42		1476.2							
	DRS	00258	05.63	34.730	27.41		1477.5							
	DRS	00270	05.63	34.760	27.43		1477.7							
	DRS	00278	05.59	34.800	27.47		1477.7							
	DRS	00290	06.17	34.880	27.46		1480.2							
	STD	00400	05.94	34.81	27.45	00.298	1479.5							
	DRS	00300	05.94	34.830	27.45		1479.5							
	DRS	00316	05.58	34.820	27.48		1478.3							
	DRS	00320	05.65	34.800	27.46		1478.7							
	DRS	00328	05.65	34.870	27.52		1478.9							
	DRS	00340	05.56	34.900	27.55		1478.8							
	DRS	00345	05.62	34.900	27.54		1479.1							
	DRS	00362	05.31	34.890	27.57		1478.1							
	STD	00400	05.34	34.92	27.59	00.360	1478.9							
	DRS	00400	05.34	34.920	27.59		1478.9							
	DRS	00425	05.16	34.930	27.62		1478.6							
	DRS	00447	05.20	34.960	27.64		1479.1							
	DRS	00475	05.02	34.980	27.68		1478.9							
	STD	00500	05.16	35.02	27.69	00.411	1479.9							
	DRS	00500	05.16	35.020	27.69		1479.9							
	DRS	00514	05.31	35.040	27.69		1480.8							
	DRS	00521	05.18	35.020	27.69		1480.4							
	STD	00600	05.09	35.05	27.73	00.458	1481.3							
	DRS	00600	05.09	35.050	27.73		1481.3							
	STD	00700	04.27	34.94	27.73	00.503	1479.5							
	DRS	00700	04.27	34.940	27.73		1479.5							
	DRS	00715	04.25	34.940	27.73		1479.6							
	DRS	00740	04.28	34.920	27.71		1480.1							
	DRS	00750	04.22	34.930	27.73		1480.1							
	DRS	00767	04.31	34.920	27.71		1480.7							
	DRS	00777	04.16	34.930	27.74		1480.3							
	STD	00800	04.16	34.93	27.74	00.547	1480.7							
	DRS	00800	04.16	34.930	27.74		1480.7							
	DRS	00817	04.16	34.970	27.77		1481.0							
	DRS	00821	04.29	34.980	27.76		1481.6							
	DRS	00870	04.14	34.940	27.75		1481.7							
	STD	00900	04.19	34.95	27.75	00.592	1482.5							
	DRS	00900	04.19	34.950	27.75		1482.5							
	STD	01000	04.06	34.93	27.75	00.638	1483.6							
	DRS	01000	04.06	34.930	27.75		1483.6							
	DRS	01009	04.03	34.930	27.75		1483.6							
	DRS	01050	04.03	34.930	27.75		1484.3							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 4236 YEAR 1972 RNTOP 03237 AIR TEMP 07.4 DIR HGT PER WIND-DIR 25 INST STD RECORDFA TEN SQ 1306
 CONSEC 0111 MONTH 04 SHIP EV WFT MULR 07.2 29 2 3 WIND-SPD 15 TRACE DIR 0 5 SQUARE 2
 LAT 44 26 N DAY 16 DATA USE 1 BAROMETR 1017.9 SFA WIND-FTR DURATION 09.2 7 SQUARE 48
 LONG 044 07 W HOUR 05.9 AREA 05 CLOUD T/A CLTR WEAHTER X3 ORIG TIP 111 1 SQUARE 48

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNDPTH	SND VEL	JXYG	PJ4	TOT P	N02	N03	S103	P4
05.9	STD	00300	02.46	34.34	26.63	00.000	1458.0							
	ONS	00000	02.46	34.340	26.63		1458.0							
	ONS	00007	02.46	34.370	26.65		1458.2							
	STD	00010	02.59	34.40	26.67	00.014	1458.8							
	ONS	00010	02.59	34.400	26.67		1458.8							
	STD	00020	02.82	34.50	26.73	00.028	1460.1							
	ONS	00020	02.82	34.500	26.73		1460.1							
	STD	00030	02.10	34.44	26.74	00.041	1457.1							
	ONS	00030	02.10	34.440	26.74		1457.1							
	ONS	00039	02.09	34.570	26.84		1457.3							
	ONS	00040	02.24	34.600	26.85		1458.1							
	STD	00050	01.94	34.75	27.00	00.065	1457.1							
	ONS	00050	01.94	34.750	27.00		1457.1							
	ONS	00067	02.39	34.970	27.06		1459.5							
	ONS	00070	02.04	34.870	27.08		1458.2							
	ONS	00073	01.99	34.100	27.27		1458.2							
	STD	00075	02.08	34.11	27.28	00.088	1458.6							
	STD	00100	03.04	34.25	27.31	00.108	1463.4							
	ONS	00100	03.04	34.250	27.31		1463.4							
	ONS	00120	03.63	34.380	27.35		1466.4							
	STD	00125	03.58	34.38	27.36	00.127	1466.3							
	ONS	00125	03.58	34.380	27.36		1466.3							
	ONS	00147	03.82	34.430	27.37		1467.7							
	STD	00150	04.01	34.55	27.45	00.145	1468.8							
	ONS	00150	04.01	34.550	27.45		1468.8							
	ONS	00175	04.74	34.670	27.47		1472.4							
	ONS	00180	04.83	34.700	27.48		1472.9							
	STD	00200	04.05	34.59	27.48	00.177	1469.8							
	ONS	00200	04.05	34.590	27.48		1469.8							
	STD	00250	04.36	34.75	27.57	00.206	1472.1							
	ONS	00250	04.36	34.750	27.57		1472.1							
	STD	00300	05.16	34.72	27.61	00.233	1476.5							
	ONS	00300	05.16	34.720	27.61		1476.5							
	ONS	00315	05.16	34.740	27.63		1476.8							
	ONS	00334	04.93	34.900	27.63		1476.1							
	ONS	00340	05.05	34.950	27.65		1476.8							
	ONS	00351	05.09	35.010	27.69		1477.2							
	ONS	00370	04.95	34.980	27.69		1476.9							
	STD	00400	04.94	34.98	27.69	00.283	1477.3							
	ONS	00400	04.94	34.980	27.69		1477.3							
	STD	00500	04.51	34.98	27.73	00.328	1477.6							
	ONS	00500	04.61	34.980	27.73		1477.6							
	STD	00600	04.43	34.98	27.75	00.371	1478.5							
	ONS	00600	04.43	34.980	27.75		1478.5							
	ONS	00370	04.37	34.950	27.73		1479.4							
	STD	00700	04.25	34.95	27.74	00.414	1479.4							
	ONS	00700	04.25	34.950	27.74		1479.4							
	STD	00800	04.16	34.95	27.75	00.457	1480.7							
	ONS	00800	04.16	34.950	27.75		1480.7							
	STD	00900	04.01	34.93	27.75	00.501	1481.7							
	ONS	00900	04.01	34.930	27.75		1481.7							
	STD	01000	03.95	34.93	27.76	00.546	1483.1							
	ONS	01000	03.95	34.930	27.76		1483.1							
	STD	01100	03.94	34.93	27.76	00.590	1484.7							
	ONS	01100	03.94	34.930	27.76		1484.7							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972—18 June 1972, Prepared from NOIOC Listing No. 31-8296.—Continued

REFID 31 8296 YEAR 1972 BOTOP 02195 AIR TEMP 02.8 DIR HGT PER #IND-DIR 25 INST STD RECORDER TEN SQ 1326
CONSEC 0112 MONTH 05 SHIP EV WEI BULB 01.7 #IND-SPO 15 TRACE DIR 0 5 SQUARE 7
LAT 44 33 N DAY 14 DATA USE 1 BAROMETR 1020.7 SEA #IND-FOR DURATION 00.2 2 SQUARE 48
LONG 048 32 W HOUR 09.1 AREA 05 CLOUD T/A CL/TR #EATER X) ORIG IIP 111 1 SQUARE 48

CASSTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SPD VEL	XYG	P34	TOT P	W02	W03	S133	P4
	ST0	00000	00.14	33.10	26.59	00.000	1447.3							
09.1	085	00000	00.14	33.100	26.59		1447.3							
	085	00005	00.04	33.100	26.59		1446.9							
	ST0	00010	- 0.01	33.16	26.64	00.014	1446.9							
	085	00010	- 0.01	33.160	26.64		1446.9							
	ST0	00020	- 0.76	33.26	26.76	00.028	1443.7							
	085	00020	- 0.76	33.260	26.76		1443.7							
	ST0	00030	- 1.03	33.41	26.89	00.040	1442.8							
	085	00030	- 1.03	33.410	26.89		1442.8							
	085	00033	- 1.04	33.430	26.90		1442.8							
	ST0	00050	- 0.51	33.76	27.15	00.061	1446.0							
	085	00050	- 0.51	33.760	27.15		1446.0							
	085	00063	00.57	33.830	27.15		1451.3							
	ST0	00075	00.01	33.91	27.17	00.084	1448.9							
	085	00087	- 0.25	33.790	27.16		1447.9							
	ST0	00100	- 0.18	33.91	27.26	00.106	1448.6							
	085	00100	- 0.18	33.910	27.26		1448.6							
	ST0	00125	00.25	34.05	27.35	00.125	1451.2							
	085	00125	00.25	34.050	27.35		1451.2							
	ST0	00150	01.19	34.36	27.54	00.141	1456.3							
	085	00150	01.19	34.360	27.54		1456.3							
	085	00155	01.39	34.360	27.53		1457.2							
	085	00193	01.75	34.390	27.52		1459.5							
	ST0	00200	01.76	34.40	27.53	00.170	1459.7							
	085	00200	01.76	34.400	27.53		1459.7							
	ST0	00250	02.04	34.46	27.56	00.198	1461.8							
	085	00250	02.04	34.460	27.56		1461.8							
	085	00282	02.24	34.530	27.60		1463.3							
	ST0	00300	02.68	34.56	27.58	00.225	1465.6							
	085	00300	02.68	34.560	27.58		1465.6							
	085	00327	05.14	34.930	27.62		1476.9							
	085	00344	04.74	34.880	27.63		1475.4							
	085	00380	05.24	35.000	27.67		1478.3							
	ST0	00400	05.21	35.02	27.69	00.275	1478.5							
	085	00400	05.21	35.020	27.69		1478.5							
	ST0	00500	04.62	34.98	27.72	00.320	1477.7							
	085	00500	04.62	34.980	27.72		1477.7							
	085	00575	04.38	34.960	27.74		1477.9							
	ST0	00600	04.60	35.00	27.74	00.363	1479.3							
	085	00600	04.60	35.000	27.74		1479.3							
	085	00630	04.39	34.980	27.75		1478.9							
	085	00660	04.37	34.970	27.74		1479.3							
	085	00660	04.37	34.980	27.75		1479.6							
	ST0	00700	04.34	34.96	27.74	00.407	1479.8							
	085	00700	04.34	34.960	27.74		1479.8							
	085	00718	04.33	34.960	27.74		1480.0							
	085	00721	04.26	34.950	27.74		1479.8							
	085	00741	04.23	34.950	27.74		1480.0							
	ST0	00800	04.22	34.96	27.75	00.450	1480.9							
	085	00800	04.22	34.960	27.75		1480.9							
	085	00830	04.18	34.950	27.75		1481.3							
	085	00860	04.24	34.970	27.76		1482.0							
	ST0	00900	04.22	34.97	27.76	00.494	1482.6							
	085	00900	04.22	34.970	27.76		1482.6							
	085	00917	04.20	34.960	27.75		1482.8							
	085	00975	04.02	34.940	27.76		1483.0							
	ST0	01000	04.02	34.94	27.76	00.538	1483.4							
	085	01000	04.02	34.940	27.76		1483.4							
	085	01020	04.04	34.950	27.76		1483.8							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296 YEAR 1972 BOTOP 0016R AIR TEMP 02.8 OIR HGT PER WIND-DIR 24 INST STD RECORDER TEM SQ 1306
 CONSEC 0123 MONTH 05 SHIP EV WET BULB 02.8 23 0 2 WIND-SPD 15 TRACE DIR 0 5 SQUARE 4
 LAT 45 53 N DAY 15 DATA USE 1 BAROMETR 1031.8 SEA WIND-FDR DURATION 00.1 2 SQUARE 68
 LONG 048 06 W HOUR 17.0 AREA 05 CLOUD T/4 CL/TR WEATHER X1 ORIG IIP 111 1 SQUARE 58

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OMNPTH	SNO VEL	JXYG	P34	TOT P	NO2	NO3	S133	P4
17.0	STD	00000	00.11	32.87	26.41	00.000	1446.8							
	ORS	00000	00.11	32.870	26.41		1446.8							
	STD	00010	00.04	32.85	26.39	00.016	1446.7							
	ORS	00010	00.04	32.850	26.39		1446.7							
	STD	00020	- 0.15	32.35	26.40	00.033	1445.9							
	ORS	00020	- 0.15	32.850	26.40		1445.9							
	STD	00030	- 0.90	32.95	26.51	00.049	1442.8							
	ORS	00030	- 0.90	32.950	26.51		1442.8							
	STD	00050	- 1.44	33.02	26.58	00.078	1440.7							
	ORS	00050	- 1.44	33.020	26.58		1440.7							
	STD	00061	- 1.43	33.040	26.60		1440.9							
	ORS	00067	- 1.43	33.110	26.66		1440.9							
	STD	00075	- 1.48	33.19	26.72	00.113	1441.1							
	ORS	00075	- 1.48	33.190	26.72		1441.1							
	STD	00092	- 1.05	33.445	26.92		1443.8							
	ORS	00092	- 1.05	33.445	26.92		1443.8							
STD	00100	- 1.04	33.42	26.90	00.144	1443.9								
ORS	00100	- 1.04	33.420	26.90		1443.9								
STD	00125	- 0.69	33.54	26.98	00.172	1446.1								
ORS	00125	- 0.69	33.540	26.98		1446.1								
STD	00140	- 0.44	33.600	27.02		1447.6								

REFID 31 8296 YEAR 1972 BOTOP 00101 AIR TEMP 02.8 OIR HGT PER WIND-DIR 25 INST STD RECORDER TEM SQ 1306
 CONSEC 0124 MONTH 05 SHIP EV WET BULB 02.2 33 0 2 WIND-SPD 13 TRACE DIR 0 5 SQUARE 4
 LAT 46 05 N DAY 15 DATA USE 1 BAROMETR 1031.5 SEA WIND-FDR DURATION 00.1 2 SQUARE 68
 LONG 048 27 W HOUR 19.1 AREA 05 CLOUD T/4 CL/TR WEATHER X2 ORIG IIP 111 1 SQUARE 68

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OMNPTH	SNO VEL	JXYG	P34	TOT P	NO2	NO3	S133	P4
19.1	STD	00000	00.65	32.86	26.37	00.000	1449.3							
	ORS	00000	00.65	32.860	26.37		1449.3							
	STD	00010	00.65	32.86	26.37	00.017	1449.5							
	ORS	00010	00.65	32.860	26.37		1449.5							
	STD	00020	00.57	32.87	26.38	00.033	1449.3							
	ORS	00020	00.57	32.870	26.38		1449.3							
	STD	00030	00.31	32.96	26.39	00.050	1448.2							
	ORS	00030	00.31	32.860	26.39		1448.2							
	STD	00050	00.24	32.90	26.42	00.082	1448.3							
	ORS	00050	00.24	32.900	26.42		1448.3							
	STD	00070	- 1.06	33.000	26.56		1442.7							

REFID 31 8296 YEAR 1972 BOTOP 00084 AIR TEMP 02.8 OIR HGT PER WIND-DIR 24 INST STD RECORDER TEM SQ 1306
 CONSEC 0125 MONTH 05 SHIP EV WET BULB 02.2 26 2 2 WIND-SPD 15 TRACE DIR 0 5 SQUARE 4
 LAT 46 14 N DAY 15 DATA USE 1 BAROMETR 1031.5 SEA WIND-FDR DURATION 00.1 2 SQUARE 68
 LONG 048 40 W HOUR 20.5 AREA 05 CLOUD T/4 CL/TR WEATHER X1 ORIG IIP 111 1 SQUARE 68

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OMNPTH	SNO VEL	JXYG	P34	TOT P	NO2	NO3	S133	P4
20.5	STD	00000	00.67	32.84	26.35	00.000	1449.4							
	ORS	00000	00.67	32.840	26.35		1449.4							
	STD	00010	00.67	32.83	26.34	00.017	1449.5							
	ORS	00010	00.67	32.830	26.34		1449.5							
	STD	00015	00.63	32.840	26.35		1449.4							
	ORS	00015	00.63	32.840	26.35		1449.4							
	STD	00020	00.63	32.84	26.35	00.034	1449.5							
	ORS	00020	00.63	32.840	26.35		1449.5							
	STD	00025	00.66	32.840	26.35		1449.7							
	ORS	00025	00.66	32.840	26.35		1449.7							
	STD	00030	00.57	32.83	26.35	00.051	1449.4							
	ORS	00030	00.57	32.830	26.35		1449.4							
	STD	00050	00.41	32.83	26.36	00.084	1449.0							
	ORS	00050	00.41	32.830	26.36		1449.0							
	STD	00055	00.33	32.830	26.36		1448.7							
	ORS	00055	00.33	32.830	26.36		1448.7							
STD	00062	- 0.39	32.900	26.45		1445.6								

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REF ID: A1 9296 YEAR: 1972 STATION: 01639 AIR TEMP: 19.9 DIR HGT PER: 15 4 2 WIND-DIR: 13 INST. STO. RECORDER: TEN SQ. 1307
 COMSEC: 0126 MONTH: 06 SHIP EV: WFT. HULH: 17.8 WIND-SPD: 37 TRACF DIR: 0 5 SQUARE 1
 LAT: 41 17.5N DAY: 07 DATA USE: 1 BAROMETR: 1010.5 SEA: WIND-FOR: DURATION: 03.4 2 SQUARE 00
 LONG: 050 20.0W HOUR: 07.9 AREA: 05 (CLOUD) T/A: CL/TR: WEATHER: X? ORIG. IIP: 111 1 SQUARE 10

CASSTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	SI33	P4
07.8	STD	00000	19.75	36.39	25.91	00.000	1523.1							
	DRS	00000	19.75	36.390	25.91		1523.1							
	DRS	00004	19.75	36.390	25.91		1523.1							
	STD	00010	19.63	36.39	25.94	00.021	1522.9							
	DRS	00010	19.63	36.390	25.94		1522.9							
	STD	00020	19.62	36.38	25.94	00.042	1523.0							
	DRS	00020	19.62	36.385	25.94		1523.0							
	STD	00030	19.32	36.29	25.95	00.063	1522.3							
	DRS	00030	19.32	36.295	25.95		1522.3							
	STD	00050	18.27	36.33	26.24	00.101	1519.7							
	DRS	00050	18.27	36.330	26.24		1519.7							
	STD	00075	17.72	36.46	26.48	00.144	1518.7							
	DRS	00075	17.72	36.460	26.48		1518.7							
	STD	00100	17.42	36.35	26.47	00.184	1518.1							
	DRS	00100	17.42	36.350	26.47		1518.1							
	DRS	00108	17.39	36.395	26.51		1518.2							
	DRS	00122	17.19	36.385	26.55		1517.8							
	STD	00125	17.22	36.39	26.54	00.223	1517.9							
	DRS	00125	17.22	36.390	26.54		1517.9							
	DRS	00140	17.23	36.385	26.54		1518.2							
	STD	00150	17.15	36.36	26.54	00.262	1518.1							
	DRS	00150	17.15	36.365	26.54		1518.1							
	STD	00200	17.01	36.35	26.57	00.339	1518.5							
	DRS	00200	17.01	36.355	26.57		1518.5							
	STD	00250	16.54	36.29	26.63	00.415	1517.8							
	DRS	00250	16.54	36.295	26.63		1517.8							
	STD	00300	15.91	36.16	26.68	00.489	1516.6							
	DRS	00300	15.91	36.165	26.68		1516.6							
	DRS	00368	14.71	35.955	26.79		1513.7							
	DRS	00389	14.74	35.995	26.81		1514.2							
	STD	00400	14.61	35.97	26.82	00.630	1513.9							
	DRS	00400	14.61	35.970	26.82		1513.9							
	STD	00500	13.10	35.75	26.97	00.760	1510.3							
	DRS	00500	13.10	35.750	26.97		1510.3							
	STD	00600	10.92	35.40	27.12	00.876	1504.1							
	DRS	00600	10.92	35.405	27.12		1504.1							
	STD	00700	08.66	35.17	27.33	00.975	1497.2							
	DRS	00700	08.66	35.175	27.33		1497.2							
	DRS	00755	07.37	35.050	27.43		1493.0							
	DRS	00770	07.31	35.075	27.45		1493.0							
	DRS	00795	07.49	35.175	27.51		1496.3							
	STD	00800	07.42	35.16	27.51	01.056	1494.1							
	DRS	00800	07.42	35.165	27.51		1494.1							
	DRS	00830	06.91	35.135	27.56		1492.6							
	DRS	00840	06.95	35.170	27.58		1492.9							
	DRS	00868	06.80	35.175	27.60		1492.9							
	STD	00900	05.55	34.99	27.62	01.121	1488.1							
	DRS	00900	05.55	34.990	27.62		1488.1							
	DRS	00920	05.45	35.025	27.66		1488.1							
	DRS	00940	05.65	35.060	27.67		1489.3							
	DRS	00965	05.19	35.015	27.69		1487.8							
	STD	01000	05.34	35.07	27.72	01.177	1489.0							
	DRS	01000	05.34	35.075	27.72		1489.0							
	STD	01100	04.95	35.07	27.76	01.227	1489.1							
	DRS	01100	04.95	35.070	27.76		1489.1							
	STD	01200	04.72	35.07	27.79	01.273	1489.8							
	DRS	01200	04.72	35.075	27.79		1489.8							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972—18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296 YEAR 1972 BOTDP 03810 AIR TEMP 18.9 DIR HGT PER WIND-DIR 12 INST STD RECORDER TEN SQ 1307
 CONSFC 0127 MONTH 05 SHIP EV WFT HGT 17.9 19 2 2 WIND-SPD 37 TRACE DIR 3 5 SQUARE 1
 LAT 41 37.5N DAY 07 DATA USE 1 BAROMETR 1010.2 SEA WIND-FTR DURATION 00.3 2 SQUARE 00
 LONG 050 20.0W HOUR 10.4 AREA 05 CLOUD T/A CL/TR WEATHER X? DRIS TIP 111 1 SQUARE 10

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPH	SND VEL	XYG	P14	TOT P	NO2	NO3	S173	P4
10.4	STO	00000	19.66	36.11	25.72	00.000	1522.5							
	085	00000	19.66	36.110	25.72		1522.5							
	085	00002	19.59	36.110	25.73		1522.3							
	STO	00010	19.61	36.11	25.73	00.023	1522.5							
	085	00010	19.61	36.110	25.73		1522.5							
	STO	00020	19.57	36.08	25.72	00.046	1522.6							
	085	00020	19.57	36.095	25.72		1522.6							
	STO	00030	19.22	36.00	25.75	00.068	1521.6							
	085	00030	19.22	36.000	25.75		1521.6							
	STO	00050	15.67	35.66	26.35	00.108	1511.1							
	085	00050	15.67	35.660	26.35		1511.1							
	085	00058	15.07	35.480	26.34		1509.2							
	STO	00075	15.67	35.88	26.52	00.149	1511.8							
	085	00075	15.67	35.880	26.52		1511.8							
	085	00077	15.58	35.825	26.50		1511.5							
	STO	00100	14.12	35.51	26.58	00.187	1506.8							
	085	00100	14.12	35.515	26.58		1506.8							
	085	00106	13.45	35.500	26.71		1504.7							
	085	00112	13.56	35.525	26.70		1505.2							
	STO	00125	13.17	35.44	26.72	00.223	1504.0							
	085	00125	13.17	35.445	26.72		1504.0							
	085	00133	13.05	35.480	26.77		1503.8							
	085	00147	13.13	35.485	26.76		1504.3							
	STO	00150	13.09	35.45	26.74	00.257	1504.2							
	085	00150	13.09	35.455	26.74		1504.2							
	085	00152	13.05	35.480	26.77		1504.1							
	085	00159	13.11	35.500	26.78		1504.5							
	085	00164	13.05	35.520	26.80		1504.4							
	085	00188	12.83	35.480	26.82		1504.0							
	085	00191	13.01	35.525	26.82		1504.7							
	STO	00200	12.91	35.50	26.82	00.323	1504.5							
	085	00200	12.91	35.505	26.82		1504.5							
	085	00217	12.95	35.520	26.82		1504.9							
	085	00235	12.61	35.475	26.86		1504.0							
	STO	00250	12.69	35.51	26.87	00.386	1504.6							
	085	00250	12.69	35.510	26.87		1504.6							
	085	00285	12.70	35.540	26.89		1505.2							
	STO	00300	12.93	35.67	26.94	00.448	1506.4							
	085	00300	12.93	35.670	26.94		1506.4							
	085	00350	11.74	35.490	27.04		1502.9							
	085	00355	11.83	35.520	27.04		1503.4							
	STO	00400	10.48	35.33	27.14	00.559	1499.1							
	085	00400	10.48	35.330	27.14		1499.1							
	STO	00500	08.47	35.10	27.30	00.654	1493.1							
	085	00500	08.47	35.100	27.30		1493.1							
	085	00512	08.61	35.200	27.36		1493.9							
	085	00548	07.49	34.980	27.35		1489.9							
	085	00558	07.89	35.120	27.40		1491.8							
	STO	00600	07.61	35.13	27.45	00.735	1491.5							
	085	00600	07.61	35.125	27.45		1491.5							
	STO	00700	06.09	35.04	27.59	00.803	1487.0							
	085	00700	06.09	35.040	27.59		1487.0							
	085	00757	05.51	35.060	27.68		1485.7							
	085	00770	05.74	35.090	27.68		1486.8							
	STO	00800	05.56	35.09	27.70	00.858	1486.6							
	085	00800	05.56	35.095	27.70		1486.6							
	085	00822	05.49	35.100	27.72		1486.7							
	085	00860	05.61	35.130	27.73		1487.9							
	STO	00900	05.53	35.15	27.75	00.907	1488.2							
	085	00900	05.53	35.150	27.75		1488.2							
	085	00910	05.57	35.175	27.77		1488.6							
	STO	01000	05.10	35.10	27.76	00.954	1488.1							
	085	01000	05.10	35.100	27.76		1488.1							
	085	01037	04.93	35.095	27.78		1488.0							
	085	01080	04.71	35.065	27.78		1487.9							
	STO	01100	04.68	35.06	27.78	01.000	1488.0							
	085	01130	04.62	35.060	27.79		1488.2							
	STO	01200	04.47	35.06	27.81	01.044	1488.8							
	085	01200	04.47	35.065	27.81		1488.8							
	085	01230	04.40	35.055	27.81		1489.0							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REF ID	31	R246	YEAR	1972	BUTOP	03104	AIR TEMP	16.7	DIR HGT	PER	WIND-DIR	21	INST STD	RECORDER	TEN SQ	1307		
CONSEC		0128	MONTH	06	SHIP EV		WET AUB	14.4	16	5	3	WIND-SPO	15	TRACE DIR		5	SQUARE	1
LAT	52	22	N	DAY	07	DATA USE	1	RAPOMETR	1009.1	SEA		WIND-FTH		DURATION	00.3	2	SQUARE	20
LONG	050	11	W	HOOR	18.1	AREA	05	CEQUO T/A		CL/TR		WEATHER	K4	ORIG IIP	111	1	SQUARE	20

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIUMAT	OYNOPH	SND VEL	XYG	P34	TOT P	NO2	NO3	SIJ3	P4
18.1	ST0	00000	08.17	33.04	25.73	00.000	1481.0							
	08S	00000	08.17	33.04	25.73		1481.0							
	ST0	00010	02.97	33.30	26.55	00.019	1460.3							
	08S	00010	02.97	33.300	26.55		1460.3							
	ST0	00020	00.76	33.12	26.57	00.034	1450.5							
	ST0	00030	- 0.68	33.04	26.58	00.048	1443.9							
	08S	00030	- 0.68	33.040	26.58		1443.9							
	ST0	00050	- 1.27	33.20	26.73	00.076	1441.7							
	08S	00050	- 1.27	33.205	26.73		1441.7							
	ST0	00075	- 1.30	33.30	26.81	00.108	1442.1							
	08S	00075	- 1.30	33.300	26.81		1442.1							
	ST0	00100	- 1.25	33.34	26.84	00.139	1442.8							
	08S	00100	- 1.25	33.340	26.84		1442.8							
	ST0	00125	- 1.18	33.37	26.86	00.169	1443.6							
	08S	00125	- 1.18	33.370	26.86		1443.6							
	ST0	00150	- 1.03	33.43	26.90	00.198	1444.8							
	08S	00150	- 1.03	33.430	26.90		1444.8							
	ST0	00165	- 0.91	33.600	27.04		1445.9							
	ST0	00200	04.92	34.38	27.21	00.249	1473.1							
	08S	00200	04.92	34.380	27.21		1473.1							
	ST0	00230	05.66	34.500	27.22		1476.8							
	08S	00230	05.66	34.500	27.22	00.294	1475.2							
	ST0	00250	05.22	34.400	27.20		1475.2							
	08S	00250	05.22	34.400	27.20		1475.2							
	ST0	00256	04.69	34.400	27.26		1473.1							
	08S	00256	04.69	34.400	27.26		1473.1							
	ST0	00261	05.19	34.420	27.22	*	1475.3							
	08S	00261	05.19	34.420	27.22	00.335	1472.7							
	ST0	00300	04.37	34.52	27.39		1472.7							
	08S	00300	04.37	34.520	27.39		1472.7							
	ST0	00304	04.24	34.540	27.42		1472.2							
	08S	00304	04.24	34.540	27.42		1472.2							
	ST0	00312	05.32	34.680	27.41		1477.0							
	08S	00312	05.32	34.680	27.41		1477.0							
	ST0	00340	05.09	34.715	27.46		1476.6							
	08S	00340	05.09	34.715	27.46		1476.6							
	ST0	00362	04.61	34.635	27.45		1474.9							
	08S	00362	04.61	34.635	27.45		1474.9							
	ST0	00371	05.57	34.830	27.49		1479.2							
	08S	00371	05.57	34.830	27.49		1479.2							
	ST0	00382	05.52	34.820	27.49		1479.2							
	08S	00382	05.52	34.820	27.49		1479.2							
	ST0	00388	05.62	34.940	27.50		1479.7							
	08S	00388	05.62	34.940	27.50		1479.7							
	ST0	00400	04.22	34.73	27.57	00.400	1474.0							
	08S	00400	04.22	34.730	27.57		1474.0							
	ST0	00500	03.42	34.70	27.63	00.454	1472.2							
	08S	00500	03.42	34.700	27.63		1472.2							
	ST0	00555	04.92	34.960	27.67		1479.8							
	08S	00555	04.92	34.960	27.67		1479.8							
	ST0	00500	04.85	34.97	27.69	00.504	1480.2							
	08S	00500	04.85	34.970	27.69		1480.2							
	ST0	00600	04.85	34.970	27.69		1480.2							
	08S	00600	04.85	34.970	27.69		1480.2							
	ST0	00645	05.01	35.020	27.71		1481.7							
	08S	00645	05.01	35.020	27.71		1481.7							
	ST0	00669	04.90	35.015	27.72		1481.7							
	08S	00669	04.90	35.015	27.72		1481.7							
	ST0	00700	04.90	35.02	27.72	00.551	1482.2							
	08S	00700	04.90	35.020	27.72		1482.2							
	ST0	00800	04.65	35.00	27.74	00.597	1482.8							
	08S	00800	04.65	35.000	27.74		1482.8							
	ST0	00900	04.51	35.000	27.75	00.643	1483.9							
	08S	00900	04.51	35.000	27.75		1483.9							
	ST0	01000	04.37	34.99	27.76	00.688	1484.9							
	08S	01000	04.37	34.990	27.76		1484.9							
	ST0	01095	04.28	34.980	27.76		1486.1							
	08S	01095	04.28	34.980	27.76		1486.1							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296 YEAR 1972 BOTOP 02754 AIR TEMP 16.1 DIR HGT PER WIND-DIR 23 INST STD RECORDER TEN SQ 1307
 CONSEC 0129 MONTH 06 SHIP EV MET SUB 14.4 20 2 2 WIND-SPD 12 TRACE DIR 3 5 SQUARE 1
 LAT 42 29.5N DAY 07 DATA USE 1 RAPDMEIR 1000.9 SEA WIND-FTR ORURATION 01.3 2 SQUARE 20
 LONG 050 06 W HOUR 20.0 AREA 05 CLOUD T/A CL/TR WEATHER XI ORIG IIR III 1 SQUARE 20

CASSTNUM/TIME	LVL/TP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SND VEL	TRNG	P14	TOT P	NO2	NO3	SI33	P4
23.0	STD	00000	07.47	32.97	25.78	00.000	1478.2							
	DBS	00300	07.47	32.970	25.78		1478.2							
	STD	00010	05.97	32.88	25.91	00.022	1472.3							
	DBS	00010	05.97	32.880	25.91		1472.3							
	STD	00020	01.47	32.78	26.26	00.041	1453.2							
	DBS	00020	01.47	32.780	26.26		1453.2							
	STD	00030	00.12	32.88	26.41	00.058	1447.4							
	DBS	00030	00.12	32.875	26.41		1447.4							
	STD	00050	- 1.18	33.20	26.72	00.084	1442.1							
	DBS	00050	- 1.18	33.200	26.72		1442.1							
	DBS	00053	- 1.30	33.180	26.71		1441.6							
	STD	00075	02.96	33.85	26.99	00.118	1462.1							
	STD	00100	07.10	34.33	27.04	00.144	1475.9							
	DBS	00100	06.01	34.330	27.04		1475.9							
	STD	00125	07.17	34.52	27.04	00.170	1481.1							
	DBS	00125	07.17	34.520	27.04		1481.1							
	STD	00150	08.03	34.76	27.10	00.196	1485.2							
	DBS	00150	08.03	34.760	27.10		1485.2							
	DBS	00160	08.08	34.780	27.11		1485.6							
	DBS	00183	07.50	34.700	27.13		1483.6							
	STD	00200	08.84	34.99	27.16	00.245	1489.4							
	DBS	00200	08.84	34.990	27.16		1489.4							
	DBS	00204	08.93	35.000	27.15		1489.8							
	STD	00250	07.26	34.86	27.29	00.290	1486.0							
	DBS	00250	07.26	34.860	27.29		1486.0							
	DBS	00285	05.71	34.690	27.37		1478.2							
	DBS	00293	06.01	34.745	27.37		1479.6							
	STD	00300	05.95	34.74	27.37	00.329	1479.5							
	DBS	00300	05.95	34.740	27.37		1479.5							
	DBS	00306	05.91	34.785	27.42		1479.5							
	DBS	00319	06.27	34.860	27.43		1481.2							
	DBS	00345	06.12	34.895	27.48		1481.1							
	DBS	00367	06.21	34.900	27.47		1481.8							
	STD	00400	05.34	34.86	27.55	00.397	1478.8							
	DBS	00400	05.34	34.860	27.55		1478.8							
	DBS	00413	04.84	34.805	27.56		1476.9							
	DBS	00430	05.71	34.970	27.59		1480.9							
	DBS	00450	05.63	34.960	27.59		1480.9							
	STD	00500	03.65	34.71	27.62	00.453	1473.2							
	DBS	00500	03.65	34.715	27.62		1473.2							
	DBS	00505	03.60	34.750	27.65		1473.2							
	DBS	00535	03.80	34.760	27.64		1474.5							
	DBS	00540	03.63	34.780	27.67		1473.9							
	STD	00600	03.99	34.86	27.70	00.503	1476.5							
	DBS	00600	03.99	34.860	27.70		1476.5							
	DBS	00640	04.56	34.940	27.70		1479.7							
	DBS	00689	04.23	34.955	27.75		1479.1							
	STD	00700	04.36	34.96	27.74	00.548	1479.9							
	DBS	00700	04.36	34.960	27.74		1479.9							
	DBS	00770	04.20	34.950	27.75		1480.3							
	DBS	00780	04.33	34.970	27.75		1481.1							
	STD	00800	04.34	34.96	27.74	00.593	1481.4							
	DBS	00800	04.34	34.965	27.74		1481.4							
	STD	00900	04.60	35.01	27.75	00.637	1484.3							
	DBS	00900	04.60	35.015	27.75		1484.3							
	STD	01000	04.41	35.00	27.76	00.683	1485.1							
	DBS	01000	04.41	35.000	27.76		1485.1							
	STD	01100	04.29	34.99	27.77	00.728	1486.3							
	DBS	01100	04.29	34.990	27.77		1486.3							
	DBS	01105	04.27	34.995	27.77		1486.3							

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TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NO10C Listing No. 31-8296.—(Continued)

REFID 31 8296	YEAR 1972	BO TOP 01326	AIR TEMP 15.0	OIR MG7 PER	#140-DIR 2L	INST STO RECOUER	TEN 52 1307
CONSEC 0130	MONTH 06	SHIP EV	WET BULB 13.9	20 2 2	#140-SPO 03	TRACE OIR	5 SQUARE 1
LAT 42 41.5N	DAY 07	DATA USE 1	BAROMETR 1011.0	SEA	#140-FJR	DURATION 03.3	2 SQUARE 20
LONG 050 03 W	HOUR 22.0	AREA 05	CLOUD T/A	CL/TR	WEATHER	ORIG TIP 111	1 SQUARE 20

CASSTNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	OMNOPTH	SNO VEL	TKYG	P34	TOY P	NO2	NO3	S133	PH
22.0	STO	00000	10.83	33.31	25.51	00.000	1491.2							
	08S	00000	10.83	33.310	25.51		1491.2							
	STO	00010	11.11	33.31	25.46	00.025	1492.4							
	08S	00012	11.18	33.308	25.45		1492.7							
	STO	00020	06.45	33.01	25.95	00.048	1474.6							
	STO	00030	02.03	32.78	26.21	00.067	1455.9							
	08S	00038	- 0.16	32.712	26.29		1446.0							
	STO	00050	- 0.38	32.87	26.43	00.102	1445.4							
	08S	00054	- 0.54	32.916	26.47		1444.8							
	08S	00065	- 1.18	33.012	26.57		1442.1							
	08S	00069	- 1.19	33.041	26.59		1442.2							
	STO	00075	- 1.40	33.09	26.64	00.139	1441.4							
	08S	00075	- 1.42	33.095	26.64		1441.3							
	08S	00098	- 1.62	33.311	26.82		1441.0							
	STO	00100	- 1.56	33.32	26.83	00.172	1441.3							
	08S	00115	- 1.24	33.403	26.89		1443.2							
	08S	00122	- 1.26	33.443	26.92		1443.3							
	STO	00125	- 1.16	33.49	26.95	00.201	1443.9							
	08S	00127	- 1.09	33.513	26.97		1444.3							
	08S	0013A	- 0.85	33.545	26.99		1445.6							
	08S	00148	00.00	33.659	27.05		1449.9							
	STO	00150	00.18	33.67	27.05	00.228	1450.7							
	08S	00176	02.49	33.881	27.06		1461.4							
	08S	00190	03.21	34.007	27.10		1465.3							
	STO	00200	03.22	34.01	27.10	00.278	1465.5							
	08S	00206	03.23	34.018	27.10		1465.6							
	08S	00210	03.30	34.049	27.12		1466.1							
	08S	00232	01.62	33.945	27.18		1459.0							
	STO	00250	03.22	34.11	27.18	00.326	1466.5							
	08S	00250	03.35	34.131	27.18		1467.1							
	08S	00258	04.63	34.378	27.25		1472.9							
	08S	00286	01.69	34.022	27.23		1460.3							
	STO	00300	00.52	34.03	27.32	00.368	1455.3							
	08S	00306	00.48	34.038	27.33		1455.2							
	08S	00322	01.89	34.338	27.47		1462.2							
	STO	00400	05.54	34.82	27.49	00.438	1479.6							
	08S	00401	05.63	34.835	27.49		1480.0							
	08S	00412	05.41	34.808	27.50		1479.2							
	08S	00423	05.36	34.453	27.54		1479.3							
	STO	00500	04.34	34.85	27.65	00.496	1476.3							
	08S	00509	04.25	34.830	27.65		1476.1							
	08S	00520	04.16	34.809	27.64		1475.8							
	08S	00560	04.37	34.883	27.68		1477.5							
	STO	00600	04.74	34.97	27.70	00.545	1479.8							
	08S	00638	04.92	35.026	27.73		1481.3							
	08S	00699	04.84	35.040	27.75		1482.0							
	STO	00700	04.84	35.04	27.75	00.590	1482.0							
	08S	00762	04.74	35.035	27.75		1482.6							
	STO	00800	04.65	35.03	27.76	00.635	1482.8							
	08S	00821	04.61	35.024	27.76		1483.0							
	08S	00876	04.51	35.024	27.77		1483.5							
	STO	00900	04.48	35.02	27.77	00.678	1483.8							
	08S	00967	04.41	35.015	27.78		1484.6							
	STO	01000	04.37	35.01	27.78	00.722	1485.0							
	08S	01082	04.29	35.004	27.78		1486.0							
	STO	01100	04.28	35.00	27.78	00.765	1486.2							
	08S	01162	04.23	34.994	27.78		1487.1							
	08S	01184	04.21	34.992	27.78		1487.4							
	STO	01200	04.20	34.99	27.78	00.810	1487.6							
	08S	01201	04.20	34.992	27.78		1487.6							
	08S	01214	04.18	34.993	27.78		1487.7							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972—18 June 1972, Prepared from NOIOC Listing No. 31-8296.—(Continued)

REF ID	31 8296	YEAR	1972	ROTOP	00455	AIR TEMP	13.9	OIR HGT PER		WIND-DIR	23	INST STD RECORDER		TEN SQ	1307
CONSEC	0131	MONTH	05	SHIP EV		WET BULB	12.2		19 3 2	WIND-SPO	15	TRACE OIR	0	5 SQUARE	1
LAT	42 45.5N	DAY	07	DATA USE	1	BAROMETR	1011.9	SEA		WIND-FOR		DURATION	03.2	2 SQUARE	20
LONG	050 02.5W	HOUR	23.8	AREA	05	(CLOUD) T/A		CL/TR		WEATHER	X1	ORIG IIP	111	1 SQUARE	20

CASSTNUM/TIME	LVLTY	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	OXYG	P14	TOT P	NO2	NO3	SI33	P4
	STD	00000	10.83	33.21	25.43	00.000	1491.1							
23.8	ORS	00000	10.83	33.210	25.43		1491.1							
	STD	00010	08.97	32.68	25.33	00.026	1483.8							
	ORS	00010	08.97	32.680	25.33		1483.8							
	ORS	00011	10.93	33.214	25.44		1491.3							
	STD	00020	08.12	32.80	25.55	00.052	1480.8							
	ORS	00025	06.01	32.645	25.77		1472.4							
	STD	00030	03.59	32.46	25.99	00.074	1462.4							
	ORS	00039	00.33	32.692	26.25		1448.2							
	ORS	00341	- 0.06	32.823	26.38		1446.7							
	ORS	00047	- 0.04	32.847	26.39		1446.9							
	STD	00050	- 0.14	32.87	26.42	00.110	1446.5							
	ORS	00052	- 0.25	32.890	26.44		1446.1							
	ORS	00057	- 0.50	32.909	26.46		1445.0							
	ORS	00063	- 0.67	32.932	26.49		1444.4							
	ORS	00073	- 0.93	32.984	26.54		1443.4							
	STD	00075	- 0.97	33.00	26.56	00.149	1443.3							
	ORS	00078	- 1.07	33.046	26.59		1442.9							
	ORS	00080	- 1.50	33.100	26.65		1441.0							
	STD	00100	- 1.56	33.29	26.81	00.183	1441.3							
	ORS	00100	- 1.56	33.290	26.81		1441.3							
	ORS	00112	- 1.58	33.340	26.85		1441.5							
	STD	00125	- 1.26	33.42	26.90	00.213	1443.3							
	ORS	00125	- 1.26	33.420	26.90		1443.3							
	STD	00150	- 0.89	33.52	26.98	00.241	1445.6							
	ORS	00150	- 0.89	33.525	26.98		1445.6							
	ORS	00172	- 0.85	33.540	26.99		1446.2							
	STD	00200	- 0.43	33.67	27.07	00.293	1448.8							
	ORS	00200	- 0.43	33.670	27.07		1448.8							
	ORS	00220	- 0.14	33.755	27.13		1450.5							
	STD	00250	- 0.08	33.79	27.16	00.341	1451.4							
	ORS	00250	- 0.08	33.795	27.16		1451.4							
	ORS	00272	00.16	33.905	27.24		1453.0							
	ORS	00287	00.22	33.910	27.24		1453.5							
	STD	00300	00.17	33.97	27.29	00.383	1453.6							
	ORS	00300	00.17	33.970	27.29		1453.6							
	ORS	00312	00.45	34.020	27.31		1455.1							
	ORS	00350	00.57	34.065	27.34		1456.4							
	ORS	00368	00.70	34.110	27.37		1457.3							
	ORS	00385	01.17	34.270	27.47		1459.9							
	STD	00400	03.37	34.49	27.47	00.455	1470.1							
	ORS	00400	03.37	34.495	27.47		1470.1							
	ORS	00410	03.79	34.560	27.48		1472.1							
	ORS	00422	03.32	34.500	27.48		1470.3							

REF ID	31 8296	YEAR	1972	ROTOP	00241	AIR TEMP	13.9	OIR HGT PER		WIND-DIR	23	INST STD RECORDER		TEN SQ	1307
CONSEC	0132	MONTH	05	SHIP EV		WET BULB	12.2		19 3 2	WIND-SPO	15	TRACE OIR	0	5 SQUARE	1
LAT	42 50.5N	DAY	07	DATA USE	1	BAROMETR	1011.9	SEA		WIND-FOR		DURATION	03.2	2 SQUARE	20
LONG	050 00.5W	HOUR	00.7	AREA	05	(CLOUD) T/A		CL/TR		WEATHER	X1	ORIG IIP	111	1 SQUARE	20

CASSTNUM/TIME	LVLTY	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	OXYG	P14	TOT P	NO2	NO3	SI33	P4
	STD	00000	09.55	33.11	25.57	00.000	1486.3							
00.7	ORS	00000	09.55	33.110	25.57		1486.3							
	ORS	00005	09.55	33.100	25.57		1486.4							
	STD	00010	09.54	33.10	25.57	00.024	1486.4							
	ORS	00010	09.54	33.103	25.57		1486.4							
	ORS	00014	09.55	33.116	25.58		1486.6							
	STD	00020	07.62	33.02	25.80	00.047	1479.2							
	STD	00030	03.95	32.93	26.17	00.068	1466.3							
	ORS	00031	03.40	32.933	26.22		1462.0							
	ORS	00034	01.04	32.960	26.43		1451.8							
	ORS	00045	00.56	32.986	26.48		1449.8							
	STD	00050	00.31	33.04	26.53	00.101	1448.8							
	ORS	00057	00.18	33.095	26.58		1448.4							
	ORS	00071	00.79	33.138	26.58		1451.5							
	STD	00075	00.87	33.14	26.58	00.139	1451.9							
	ORS	00080	00.98	33.157	26.59		1452.5							
	ORS	00091	01.14	33.211	26.62		1453.5							
	STD	00100	01.05	33.24	26.65	00.174	1453.2							
	ORS	00103	01.01	33.244	26.66		1453.1							
	ORS	00111	01.28	33.254	26.65		1454.5							
	ORS	00121	01.29	33.278	26.67		1454.7							
	STD	00125	01.31	33.29	26.67	00.209	1454.9							
	ORS	00131	01.32	33.310	26.69		1455.1							
	ORS	00143	01.25	33.351	26.73		1455.0							
	STD	00150	01.22	33.37	26.75	00.243	1455.0							
	ORS	00164	01.13	33.418	26.79		1454.9							
	ORS	00178	01.05	33.448	26.82		1454.8							
	ORS	00188	00.97	33.536	26.89		1454.8							
	ORS	00195	00.62	33.563	26.94		1453.3							
	ORS	00199	- 0.20 P	33.52 P	26.940									
	STD	00200	00.59	33.59	26.96	00.303	1453.3							
	ORS	00210	00.51	33.640	27.00		1453.2							
	ORS	00212	00.46	33.652	27.02		1453.0							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296 YEAR 1972 BOTOP 00073 AIR TEMP 10.0 OIR HGT PER WIND-DIR 23 INST STD RECORDER TEN SQ 1307
 CONSEC 0133 MONTH 06 SHIP EV WET RULR 10.0 18 3 2 WIND-SPO 12 TRACE OIR 0 5 SQUARE 1
 LAT 43 03 N DAY 03 DATA USE 1 BAROMETR 1013.2 SEA WIND-FTR DURATION 00.1 2 SQUARE 20
 LONG 050 00 W HOUR 02.2 AREA 05 CLOUD T/A CL/TR WEATHER X5 ORIG IIP 111 1 SQUARE 30

CASTNO#/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	SIG3	PH
	STD	00000	06.22	32.86	25.86	00.000	1471.1							
02.2	085	00000	06.22	32.865	25.86		1473.1							
	085	00000	06.21	32.861	25.86		1473.2							
	STD	00010	06.21	32.86	25.86	00.021	1473.3							
	085	00014	06.22	32.863	25.86		1473.4							
	085	00018	06.22	32.868	25.86		1473.4							
	STD	00020	06.12	32.79	25.82 *	00.043	1473.0							
	085	00023	05.32	32.686	25.83		1469.6							
	085	00027	03.53	32.693	26.02		1462.2							
	STD	00030	03.00	32.77	26.13	00.064	1460.1							
	085	00034	02.24	32.845	26.25		1456.9							
	085	00039	01.68	32.833	26.28		1454.5							
	085	00043	01.50	32.842	26.30		1453.8							
	085	00048	01.18	32.861	26.34		1452.5							
	STD	00050	01.05	32.89	26.37	00.099	1451.0							
	085	00052	00.86	32.930	26.41		1451.2							
	085	00057	00.69	32.917	26.41		1450.5							
	085	00062	00.42	32.990	26.49		1449.4							

REFID 31 8296 YEAR 1972 BOTOP 00062 AIR TEMP 10.0 OIR HGT PER WIND-DIR 23 INST STD RECORDER TEN SQ 1306
 CONSEC 0134 MONTH 06 SHIP EV WET RULR 10.0 18 2 2 WIND-SPO 12 TRACE OIR 0 5 SQUARE 2
 LAT 43 20 N DAY 08 DATA USE 1 BAROMETR 1013.2 SEA WIND-FTR DURATION 00.1 2 SQUARE 28
 LONG 049 37.5W HOUR 05.0 AREA 05 CLOUD T/A CL/TR WEATHER X5 ORIG IIP 111 1 SQUARE 39

CASTNO#/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	SIG3	PH
	STD	00000	08.71	32.91	25.55	00.000	1482.9							
05.0	085	00000	08.71	32.915	25.55		1482.9							
	085	00005	08.72	32.915	25.55		1483.0							
	STD	00010	08.71	32.91	25.55	00.024	1483.1							
	085	00010	08.71	32.915	25.55		1483.1							
	085	00013	08.72	32.915	25.55		1483.2							
	STD	00020	05.85	32.79	25.85	00.047	1471.9							
	085	00028	03.09	32.627	26.01		1460.2							
	STD	00030	02.63	32.72	26.12	00.068	1458.4							
	085	00033	01.89	32.866	26.29		1455.4							
	085	00036	01.81	32.887	26.32		1455.1							
	085	00039	01.57	32.824	26.28 *		1454.0							
	085	00041	01.27	32.902	26.37		1452.8							
	085	00045	01.05	32.954	26.42		1452.0							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—(Continued)

REFID 31 8296 YEAR 1972 BOTOP 00207 AIR TEMP 09.4 OIR HGT PER #IND-OIR 23 INST STD RECORDER TEN SQ 1306
 CONSEC 0135 MONTH 06 SHIP EV WET BULP 09.4 LB 2 2 #IND-SPO 12 TRACE OIR 3 5 SQUARE 2
 LAT 43 09.5N DAY 08 DATA USE 1 BAROMETR 1013.5 SEA #IND-FOR DURATION 00.1 2 SQUARE 28
 LONG 049 32 W HOUR 06.6 AREA 05 CLOUD TZA CL/TR #FATHER X4 ORIG IIP 111 1 SQUARE 39

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SNO VEL	OXYG	P34	TOI P	NO2	NO3	S133	PH
06.6	STO	00000	07.99	32.91	25.66	00.000	1480.2							
	OBS	00000	07.99	32.915	25.66		1480.2							
	STO	00010	07.99	32.92	25.67	00.023	1480.3							
	OBS	00010	07.99	32.920	25.67		1480.4							
	OBS	00012	07.98	32.917	25.66		1480.3							
	OBS	00019	07.87	32.852	25.63 *		1479.9							
	STO	00020	07.82	32.86	25.64	00.047	1479.8							
	OBS	00023	06.45	32.946	25.90		1474.6							
	OBS	00028	03.16	32.921	26.24		1460.9							
	STO	00030	02.96	32.90	26.24	00.068	1460.1							
	OBS	00043	01.44	32.843	26.31		1453.5							
	STO	00050	00.81	32.95	26.43	00.102	1451.0							
	OBS	00053	00.61	32.969	26.46		1450.1							
	OBS	00059	00.50	32.939	26.44		1449.7							
	OBS	00067	00.33	32.979	26.48		1449.1							
	STO	00075	00.03	33.02	26.53	00.141	1447.9							
	OBS	00075	00.01	33.023	26.53		1447.8							
	OBS	00081	- 0.11	32.984	26.51		1447.3							
	OBS	00086	- 0.31	33.058	26.58		1446.6							
	OBS	00096	- 0.52	33.047	26.58		1445.8							
	STO	00100	- 0.63	33.07	26.60	00.177	1445.4							
	OBS	00101	- 0.67	33.077	26.61		1445.2							
	OBS	00107	- 0.90	33.134	26.66		1444.3							
	OBS	00111	- 0.93	33.150	26.67		1444.3							
	OBS	00117	- 0.97	33.174	26.69		1444.2							
	OBS	00124	- 0.97	33.195	26.71		1444.3							
	STO	00125	- 1.00	33.21	26.73	00.212	1444.2							
	OBS	00129	- 1.08	33.265	26.77		1444.0							
	OBS	00132	- 1.06	33.264	26.77		1444.1							
	OBS	00133	- 1.11	33.287	26.79		1444.1							
	OBS	00144	- 1.11	33.342	26.84		1444.2							
	OBS	00149	- 1.11	33.355	26.85		1444.3							
	STO	00150	- 1.11	33.36	26.85	00.244	1444.3							
	OBS	00153	- 1.10	33.360	26.85		1444.4							
	OBS	00158	- 1.09	33.367	26.85		1444.6							
	OBS	00163	- 1.08	33.387	26.67		1444.7							
	OBS	00168	- 1.06	33.395	26.88		1444.9							
	OBS	00173	- 1.00	33.444	26.91		1445.4							
	OBS	00178	- 0.97	33.445	26.91		1445.6							
	OBS	00184	- 0.96	33.446	26.91		1445.7							
	OBS	00187	- 0.95	33.458	26.92		1445.9							
	OBS	00193	- 0.93	33.462	26.93		1446.0							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972—18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296 YEAR 1972 HOTOP 00814 AIR TEMP 07.8 OIR HGT PER WIND-OIR 21 INST STO RECORDER TEM SQ 1306
 CONSEC 0136 MONTH 06 SHIP EV WET RULB 07.2 19 3 2 WIND-SPO 17 TRACE OIR 0 5 SQUARE 2
 LAT 43 31.5N DAY 08 OATA USF 1 BAROMETR 1014.6 SFA WIND-FDR WIND-FCR DURATION 00.1 2 SQUARE 28
 LONG 049 28 W HOUR 08.0 AREA 05 CLOUD T/A CL/TR WEATHER X4 ORIG 11P 111 1 SQUARE 39

CASNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SNO VEL	OXYG	P34	TOI P	NO2	NO3	S133	P4
08.0	STO	00003	05.51	32.90	25.98	00.000	1470.3							
	OBS	00000	05.51	32.900	25.98		1470.3							
	OBS	00007	05.51	32.900	25.98		1470.4							
	STO	00010	05.46	32.90	25.98	00.020	1470.3							
	OBS	00010	05.46	32.900	25.98		1470.3							
	OBS	00010	05.50	32.899	25.98		1470.4							
	OBS	00013	05.49	32.874	25.96		1470.4							
	OBS	00015	05.47	32.900	25.98		1470.4							
	OBS	00018	05.46	32.899	25.98		1470.4							
	STO	00020	05.45	32.89	25.98	00.041	1470.4							
	OBS	00021	05.45	32.893	25.98		1470.4							
	OBS	00023	05.45	32.897	25.98		1470.4							
	OBS	00026	05.29	33.030	26.10		1470.0							
	STO	00030	04.01	33.03	26.24	00.060	1464.7							
	OBS	00030	04.01	33.027	26.24		1464.7							
	OBS	00036	01.09	32.859	26.34		1451.9							
	OBS	00038	00.82	32.897	26.39		1450.7							
	OBS	00041	00.72	32.991	26.47		1450.5							
	OBS	00044	00.64	32.964	26.45		1450.1							
	OBS	00047	00.24	33.005	26.51		1448.4							
	STO	00050	00.10	33.03	26.54	00.093	1447.8							
	OBS	00052	- 0.07	33.042	26.55		1447.1							
	OBS	00057	- 0.38	33.000	26.53		1445.7							
	OBS	00061	- 0.47	33.030	26.56		1445.4							
	OBS	00070	- 0.81	33.072	26.61		1444.0							
	OBS	00073	- 0.82	33.100	26.63		1444.1							
	STO	00075	- 0.86	33.11	26.64	00.129	1443.9							
	OBS	00078	- 0.94	33.136	26.66		1443.6							
	OBS	00084	- 0.92	33.144	26.67		1443.9							
	OBS	00092	- 0.95	33.117	26.65		1443.8							
	OBS	00093	- 0.95	33.148	26.67		1443.8							
	OBS	00099	- 1.04	33.154	26.68		1443.5							
	STO	00100	- 1.04	33.16	26.69	00.164	1443.5							
	OBS	00105	- 1.09	33.205	26.72		1443.5							
	OBS	00111	- 1.14	33.192	26.71		1443.3							
	OBS	00117	- 1.21	33.215	26.74		1443.1							
	OBS	00122	- 1.25	33.257	26.77		1443.1							
	STO	00125	- 1.27	33.27	26.78	00.197	1443.1							
	OBS	00127	- 1.28	33.274	26.79		1443.0							
	OBS	00134	- 1.30	33.285	26.79		1443.1							
	OBS	00140	- 1.31	33.312	26.82		1443.2							
	OBS	00143	- 1.28	33.342	26.84		1443.4							
	OBS	00148	- 1.21	33.363	26.86		1443.9							
	STO	00150	- 1.20	33.37	26.86	00.227	1443.9							
	OBS	00155	- 1.17	33.391	26.88		1444.2							
	OBS	00161	- 1.14	33.406	26.89		1444.5							
	OBS	00169	- 1.09	33.417	26.90		1444.8							
	OBS	00174	- 1.06	33.440	26.91		1445.1							
	OBS	00183	- 1.02	33.451	26.92		1445.4							
	OBS	00198	- 0.90	33.514	26.97		1446.3							
	STO	00200	- 0.90	33.52	26.97	00.284	1446.4							
	OBS	00210	- 0.82	33.529	26.98		1446.9							
	OBS	00219	- 0.68	33.629	27.05		1447.9							
	OBS	00234	- 0.52	33.660	27.07		1448.9							
	OBS	00243	- 0.44	33.669	27.07		1449.4							
	OBS	00249	- 0.43	33.694	27.09		1449.6							
	STO	00250	- 0.42	33.70	27.10	00.336	1449.7							
	OBS	00259	- 0.32	33.768	27.15		1450.4							
	OBS	00268	- 0.17	33.785	27.16		1451.3							
	OBS	00274	- 0.15	33.786	27.16		1451.4							
	OBS	00293	00.28	33.961	27.27		1454.0							
	STO	00300	00.29	33.98	27.29	00.380	1454.2							
	OBS	00324	00.90	34.174	27.41		1457.6							
	OBS	00338	01.67	34.365	27.51		1461.5							
	OBS	00348	01.99	34.399	27.51		1463.1							
	OBS	00372	02.74	34.641	27.64		1467.1							
	STO	00400	03.22	34.78	27.71	00.440	1469.8							
	OBS	00415	03.42	34.828	27.73		1471.0							
	OBS	00453	03.71	34.81 P	27.690*									
	OBS	00477	03.87	34.848	27.70		1474.0							
	STO	00500	03.97	34.88	27.72	00.483	1474.8							
	OBS	00511	04.01	34.896	27.72		1475.2							
	OBS	00552	04.06	34.905	27.73		1476.1							
	OBS	00575	04.07	34.910	27.73		1476.5							
	STO	00600	04.06	34.92	27.74	00.526	1476.9							
	OBS	00606	04.06	34.926	27.74		1477.0							
	OBS	00658	04.06	34.933	27.75		1477.9							
	OBS	00680	04.06	34.931	27.75		1478.3							
	STO	00700	04.06	34.93	27.75	00.569	1478.6							
	OBS	00708	04.06	34.932	27.75		1478.7							
	OBS	00753	04.06	34.934	27.75		1479.5							
	OBS	00782	04.06	34.936	27.75		1480.0							
	OBS	00787	04.07	34.935	27.75		1480.1							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972 18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REF ID	31 8296	YEAR	1972	BOTOP	01458	AIR TEMP	07.8	OIR HGT PER		WIND-OIR	23	INST STD RECORDER		TEN SQ	1306	
CONSEC	0137	MONTH	06	SHIP EV		WFT	06.7	20	0	X	13	TRACE OIR	0	5	SQUARE	2
LAT	42 53.5N	DAY	08	DATA USE	1	BAROMETR	1015.2	SEA				DURATION	00.3	2	SQUARE	28
LONG	049 24 W	HOHR	09.7	AREA	05	CLOUD	T/A	CL/TR		WEATHER	X5	ORIG IIP	111	1	SQUARE	29

CASSTNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SPD	VEL	DRYG	P34	TOT P	NO2	NO3	SIC3	P4
09.7	STD	00000	03.27	32.70	26.05	00.000	1460.6								
	08S	00000	03.27	32.700	26.05		1460.6								
	STD	00010	03.28	32.70	26.05	00.020	1460.9								
	08S	00011	03.28	32.699	26.05		1460.9								
	STD	00020	00.89	32.54	26.10	00.039	1450.3								
	08S	00022	00.43	32.494	26.09		1448.1								
	08S	00028	- 0.32	32.691	26.28		1445.1								
	STD	00030	- 0.33	32.76	26.34	00.057	1445.1								
	08S	00031	- 0.35	32.797	26.37		1445.1								
	08S	00034	- 0.40	32.806	26.38		1445.0								
	08S	00039	- 0.50	32.910	26.46		1444.7								
	08S	00040	- 0.48	33.028	26.56		1445.3								
	08S	00044	- 0.35	32.988	26.52		1445.6								
	08S	00048	- 0.23	33.002	26.53		1446.3								
	STD	00050	- 0.47	33.06	26.59	00.089	1445.2								
	08S	00051	- 0.65	33.095	26.62		1444.5								
	08S	00055	- 1.36	33.075	26.63		1441.2								
	08S	00058	- 1.40	33.174	26.71		1441.2								
	08S	00062	- 1.34	33.217	26.74		1441.6								
	08S	00065	- 1.30	33.217	26.74		1441.9								
	08S	00069	- 1.34	33.231	26.75		1441.7								
	08S	00074	- 1.37	33.243	26.76		1441.7								
	STD	00075	- 1.37	33.24	26.76	00.123	1441.7								
	08S	00076	- 1.39	33.238	26.76		1441.7								
	08S	00081	- 1.46	33.271	26.79		1441.4								
	08S	00083	- 1.49	33.288	26.80		1441.6								
	08S	00089	- 1.52	33.312	26.82		1441.3								
	08S	00093	- 1.52	33.327	26.83		1441.4								
	08S	00098	- 1.51	33.335	26.84		1441.6								
	STD	00100	- 1.51	33.36	26.86	00.154	1441.6								
	08S	00103	- 1.49	33.399	26.89		1441.8								
	08S	00108	- 1.41	33.411	26.90		1442.3								
	08S	00112	- 1.27	33.425	26.91		1443.1								
	08S	00119	- 1.22	33.419	26.90		1443.4								
	STD	00125	- 1.21	33.42	26.90	00.183	1443.5								
	08S	00129	- 1.21	33.415	26.90		1443.6								
	08S	00141	- 1.08	33.525	26.98		1444.5								
	STD	00150	- 0.98	33.51	26.97	00.211	1445.2								
	08S	00154	- 0.94	33.509	26.96		1445.4								
	08S	00169	- 0.91	33.518	26.97		1445.8								
	08S	00179	- 0.89	33.528	26.98		1446.1								
	08S	00193	- 0.82	33.561	27.00		1446.7								
	STD	00200	- 0.79	33.57	27.00	00.265	1447.0								
	08S	00214	- 0.71	33.582	27.01		1447.6								
	08S	00249	- 0.45	33.668	27.07		1449.5								
	STD	00250	- 0.44	33.67	27.08	00.316	1449.5								
	08S	00275	- 0.21	33.765	27.14		1451.2								
	08S	00299	00.13	33.840	27.19		1453.2								
	STD	00300	00.15	33.85	27.19	00.363	1453.3								
	08S	00308	00.58	33.955	27.25		1455.6								
	08S	00323	00.21	33.923	27.25		1454.1								
	08S	00348	00.74	34.103	27.36		1457.2								
	08S	00374	01.18	34.271	27.47		1459.8								
	08S	00399	01.94	34.439	27.55		1463.8								
	STD	00400	01.95	34.44	27.55	00.435	1463.9								
	08S	00448	03.29	34.658	27.61		1470.8								
	08S	00473	03.63	34.720	27.62		1472.7								
	STD	00500	03.75	34.76	27.64	00.489	1473.7								
	STD	00600	04.04	34.87	27.70	00.537	1476.8								
	08S	00606	04.05	34.877	27.70		1476.9								
	08S	00638	04.08	34.895	27.72		1477.6								
	STD	00700	04.12	34.91	27.73	00.582	1478.8								
	08S	00710	04.13	34.917	27.73		1479.0								
	STD	00800	04.13	34.93	27.74	00.627	1480.5								
	08S	00849	04.13	34.937	27.74		1481.4								
	08S	00874	04.14	34.938	27.74		1481.8								
	STD	00900	04.13	34.94	27.75	00.672	1482.2								
	08S	00908	04.13	34.940	27.75		1482.3								
	08S	00952	04.08	34.936	27.75		1482.9								
	08S	00978	04.07	34.943	27.75		1483.3								
	STD	01000	04.07	34.95	27.76	00.716	1483.6								
	08S	01012	04.07	34.946	27.76		1483.8								
	STD	01100	04.04	34.95	27.76	00.762	1485.2								
	08S	01107	04.04	34.946	27.76		1485.3								
	STD	01200	04.00	34.94	27.76	00.807	1486.7								
	08S	01210	03.99	34.943	27.76		1486.8								
	08S	01234	03.97	34.946	27.77		1487.1								

TABLE NH1.— Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972—18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REF ID	31 8296	YEAR	1972	BO TOP	01917	AIR TEMP	08.9	DIR HGT	PER	WIND-DIR	17	INST STD	RECORDR	TEM SQ	1306
CONSEC	0138	MONTH	05	SHIP EV		WET BULB	08.3	19	3 2	WIND-SPD	23	TRACE DIR		5 SQUARE	2
LAT	42 42 N	DAY	08	DATA USE	1	BAROMETR	1015.6	SEA		WIND-FJR		DURATION	00.4	7 SQUARE	28
LONG	049 18.5W	HOOR	11.6	AREA	05	CL (NO) T/A		CL/TR		WEATHER	RS	ORIG IIP	111	1 SQUARE	29

CASTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SND VEL	OXYG	P34	TOT P	N02	N03	S133	PH
11.6	STD	00000	01.10	32.39	25.97	00.000	1450.7							
	08S	00000	01.10	32.390	25.97		1450.7							
	STD	00010	01.10	32.39	25.97	00.020	1450.8							
	08S	00010	01.10	32.390	25.97		1450.8							
	08S	00019	00.73	32.402	26.00		1449.3							
	STD	00020	00.72	32.40	25.99	00.041	1449.3							
	08S	00023	00.65	32.384	25.99		1449.0							
	08S	00029	00.51	32.370	25.98		1445.4							
	STD	00030	00.47	32.34	25.97	00.061	1448.2							
	08S	00030	00.37	32.334	25.96		1447.8							
	08S	00032	00.05	32.419	26.05		1446.5							
	08S	00036	-0.28	32.626	26.23		1445.3							
	08S	00041	-0.09	32.604	26.20		1446.2							
	08S	00043	-0.52	32.564	26.19		1444.2							
	08S	00044	-0.87	32.802	26.39		1442.9							
	08S	00044	-1.29	32.826	26.42		1441.1							
	STD	00050	-1.30	32.85	26.44	00.098	1441.1							
	08S	00054	-1.49	32.907	26.49		1440.3							
	08S	00056	-1.60	32.995	26.57		1440.0							
	08S	00065	-1.68	33.028	26.60		1439.8							
	STD	00075	-1.42	33.20	26.73	00.134	1441.4							
	08S	00078	-1.41	33.236	26.76		1441.6							
	08S	00083	-1.48	33.270	26.79		1441.4							
	08S	00089	-1.49	33.292	26.81		1441.5							
	STD	00100	-1.48	33.36	26.86	00.166	1441.7							
	08S	00101	-1.48	33.364	26.86		1441.8							
	08S	00121	-1.23	33.489	26.96		1443.5							
	STD	00125	-1.16	33.56	27.02	00.194	1444.0							
	08S	00134	-0.92	33.710	27.13		1445.5							
	STD	00150	-0.31	33.83	27.20	00.218	1448.7							
	08S	00154	-0.09	33.848	27.20		1449.8							
	08S	00160	00.20	33.854	27.19		1451.3							
	08S	00190	00.55	33.977	27.27		1453.5							
	STD	00200	00.45	33.99	27.29	00.259	1453.3							
	08S	00200	00.45	33.995	27.29		1453.3							
	08S	00213	00.46	34.003	27.30		1453.5							
	08S	00233	00.50	34.009	27.30		1454.1							
	STD	00250	00.58	34.05	27.33	00.298	1454.8							
	08S	00251	00.59	34.056	27.33		1454.8							
	08S	00271	00.65	34.054	27.33		1455.4							
	08S	00293	00.87	34.137	27.38		1456.9							
	STD	00300	00.93	34.15	27.39	00.334	1457.3							
	08S	00308	01.05	34.172	27.40		1458.0							
	08S	00351	02.37	34.514	27.57		1465.0							
	STD	00400	03.13	34.66	27.62	00.395	1469.3							
	08S	00410	03.21	34.680	27.63		1469.8							
	08S	00440	03.29	34.725	27.66		1470.7							
	08S	00456	03.42	34.748	27.67		1471.6							
	08S	00474	03.46	34.755	27.67		1472.1							
	08S	00497	03.59	34.796	27.69		1473.0							
	STD	00500	03.63	34.80	27.69	00.443	1473.3							
	08S	00511	03.76	34.821	27.69		1474.0							
	08S	00539	03.91	34.846	27.69		1475.2							
	STD	00600	04.16	34.90	27.71	00.489	1477.3							
	08S	00607	04.19	34.908	27.71		1477.6							
	08S	00670	04.40	34.934	27.71		1479.5							
	STD	00700	04.38	34.95	27.73	00.534	1480.0							
	08S	00706	04.38	34.956	27.73		1480.1							
	STD	00800	04.33	34.96	27.74	00.579	1481.4							
	08S	00810	04.32	34.965	27.75		1481.5							
	08S	00824	04.34	34.969	27.75		1481.9							
	STD	00900	04.17	34.96	27.76	00.623	1482.4							
	08S	00963	04.16	34.952	27.75		1483.4							
	08S	00996	04.20	34.963	27.76		1484.1							
	STD	01000	04.20	34.96	27.76	00.667	1484.2							
	08S	01034	04.21	34.967	27.76		1484.8							
	08S	01043	04.21	34.964	27.76		1485.0							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID	31 8296	YEAR	1972	BOTOP	02021	AIR TEMP	09.4	OIR HGT	PER	WINO-DIR	23	INST STD	RECORDR	TEN S2	1306	
CONSEC	0139	MONTH	06	SHIP EV		WET HOLR	08.9		15 3 3	WINO-SPO	13	TRACE DIR		5	SQUARF	2
LAT	42 45.0N	DAY	04	DATA USE	1	BAROMETR	1014.6	SFA		WINO-FDR		DURATION	00.3	2	SQUARF	28
LONG	049 20.0W	HOUR	20.4	AREA	05	CLOUD T/A		CL/TR		WEATHER	X4	ORIG IIP	111	1	SQUARF	29

CASINUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SND VEL	DXYG	P16	TOT P	NO2	NO3	SI33	P4
20.4	STD	00000	01.95	32.53	26.03	00.000	1454.7							
	ORS	00000	01.95	32.535	26.03		1454.7							
	STD	00010	01.91	32.53	26.02	00.020	1454.6							
	ORS	00010	01.91	32.530	26.02		1454.6							
	STD	00020	- 0.16	32.58	26.19	00.039	1445.5							
	ORS	00020	- 0.41	32.58	26.20	00.057	1444.5							
	STD	00030	- 0.41	32.585	26.20		1444.5							
	ORS	00032	- 0.24	32.580	26.19		1445.4							
	STD	00050	- 1.53	32.93	26.51	00.091	1440.1							
	ORS	00050	- 1.53	32.930	26.51		1440.1							
	STD	00058	- 1.44	33.010	26.58		1439.8							
	ORS	00075	- 1.49	33.34	26.84	00.125	1441.3							
	STD	00075	- 1.49	33.340	26.84		1441.3							
	ORS	00100	- 1.23	33.49	26.96	00.154	1443.1							
	STD	00100	- 1.23	33.495	26.96		1443.1							
	ORS	00125	01.33	33.87	27.14	00.179	1455.8							
	STD	00125	01.33	33.870	27.14		1455.8							
	ORS	00150	01.43	33.90	27.15	00.203	1456.7							
	STD	00150	01.43	33.900	27.15		1456.7							
	ORS	00182	01.96	34.020	27.21		1459.7							
	STD	00191	00.98	34.170	27.40		1455.7							
	ORS	00200	01.11	34.17	27.40	00.243	1456.5							
	STD	00200	01.11	34.175	27.40		1456.5							
	ORS	00250	01.14	34.20	27.42	00.277	1457.5							
	STD	00250	01.14	34.200	27.42		1457.5							
	ORS	00300	01.97	34.45	27.56	00.308	1462.3							
	STD	00300	01.97	34.450	27.56		1462.3							
	ORS	00400	04.77	34.94	27.67	00.360	1476.6							
	STD	00435	04.97	34.980	27.68		1478.0							
	ORS	00470	04.77	34.960	27.69		1477.8							
	STD	00485	04.94	35.020	27.72		1478.8							
	ORS	00500	04.84	35.31	27.72	00.406	1478.6							
	STD	00500	04.84	35.310	27.72		1478.6							
	ORS	00560	04.58	34.980	27.73		1478.5							
	STD	00600	04.57	34.99	27.74	00.449	1479.1							
	ORS	00600	04.57	34.990	27.74		1479.1							
	STD	00635	04.54	34.995	27.75		1479.6							
	ORS	00650	04.41	34.970	27.74		1479.3							
	STD	00700	04.32	34.97	27.75	00.492	1479.7							
	ORS	00700	04.32	34.975	27.75		1479.7							
	STD	00735	04.23	34.955	27.75		1479.9							
	ORS	00790	04.28	34.960	27.75		1481.0							
	STD	00800	04.24	34.96	27.75	00.536	1481.0							
	ORS	00800	04.24	34.960	27.75		1481.0							
	STD	00860	04.23	34.970	27.76		1482.0							
	ORS	00900	04.13	34.96	27.77	00.579	1482.2							
	STD	00900	04.13	34.965	27.77		1482.2							
	ORS	01000	04.04	34.95	27.76	00.623	1483.5							
	STD	01000	04.04	34.950	27.76		1483.5							
	ORS	01100	04.01	34.95	27.77	00.667	1485.1							
	STD	01100	04.01	34.950	27.77		1485.1							
	ORS	01180	04.03	34.960	27.77		1486.5							
	STD	01200	03.96	34.94	27.76	00.712	1486.5							
	ORS	01200	03.96	34.940	27.76		1486.5							
	STD	01300	03.99	34.96	27.78	00.758	1488.3							
	ORS	01300	03.99	34.960	27.78		1488.3							
	STD	01335	03.98	34.950	27.78		1488.9							
	ORS	01400	03.91	34.95	27.78	00.803	1489.7							
	STD	01400	03.91	34.950	27.78		1489.7							
	ORS	01500	03.87	34.94	27.78	00.850	1491.2							
	STD	01500	03.87	34.945	27.78		1491.2							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296	YEAR 1972	BOTOP 02248	AIR TEMP 08.9	DIR HGT PER	WIND-DIR 17	INST STD RECORDER	TFN 52 1306
CONSEC 0140	MONTH 06	SHEP EV	WET BULB 09.3	16 3 3	WIND-SPO 14	TRACE DIR 7	5 SQUARE 2
LAT 42 44.0N	DAY 04	DATA USE 1	BAROMETR 1014.6	SEA	WIND-F3R	DURATION 03.6	2 SQUARE 28
LONG 049 30.0W	HOUR 22-3	AREA 05	CLOUD T/A	CL/TR	WEATHER xs	DRIS IIP 111	1 SQUARE 29

CASNUM/TIME	CVLTYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	S133	PH
22.3	STO	00000	01.68	32.44	25.97	00.000	1453.3							
	08S	00000	01.68	32.440	25.97		1453.3							
	STO	00010	01.68	32.43	25.96	00.020	1453.5							
	08S	00010	01.68	32.435	25.96		1453.5							
	STO	00020	01.32	32.46	26.01	00.041	1452.1							
	08S	00020	01.32	32.465	26.01		1452.1							
	STO	00030	- 0.28	32.43	26.07	00.061	1444.9							
	08S	00030	- 0.28	32.430	26.07		1444.9							
	STO	00050	- 1.35	33.02	26.59	00.095	1441.1							
	08S	00050	- 1.35	33.025	26.59		1441.1							
	08S	00056	- 1.56	33.290	26.81		1440.6							
	STO	00075	- 1.36	33.35	26.85	00.128	1441.9							
	08S	00075	- 1.36	33.350	26.85		1441.9							
	08S	00079	- 1.31	33.350	26.85		1442.2							
	STO	00100	- 1.29	33.38	26.87	00.158	1442.7							
	08S	00100	- 1.29	33.380	26.87		1442.7							
	08S	00114	- 1.37	33.390	26.88		1442.6							
	STO	00125	- 1.20	33.43	26.91	00.187	1443.6							
	08S	00125	- 1.20	33.435	26.91		1443.6							
	STO	00150	- 0.94	33.54	26.99	00.214	1445.4							
	08S	00150	- 0.94	33.540	26.99		1445.4							
	STO	00200	- 0.46	33.67	27.08	00.266	1448.6							
	08S	00200	- 0.46	33.670	27.08		1448.6							
	STO	00250	00.02	33.83	27.18	00.313	1451.9							
	08S	00250	00.02	33.830	27.18		1451.9							
	08S	00262	00.30	33.990	27.30		1453.6							
	STO	00300	00.72	34.07	27.34	00.354	1456.2							
	08S	00300	00.72	34.070	27.34		1456.2							
	08S	00315	01.24	34.080	27.31	*	1458.8							
	08S	00330	00.21	34.120	27.41		1454.5							
	08S	00332	00.13	34.220	27.49		1454.3							
	ST	00400	02.37	34.56	27.61	00.417	1465.9							
	08S	00400	02.37	34.560	27.61		1465.9							
	08S	00480	03.75	34.805	27.68		1473.5							
	STO	00500	03.82	34.81	27.68	00.466	1474.1							
	08S	00500	03.82	34.810	27.68		1474.1							
	STO	00600	04.04	34.88	27.71	00.512	1476.8							
	08S	00600	04.04	34.880	27.71		1476.8							
	08S	00640	04.07	34.900	27.72		1477.6							
	STO	00700	04.08	34.91	27.73	00.557	1478.6							
	08S	00700	04.08	34.910	27.73		1478.6							
	STO	00800	04.09	34.92	27.74	00.602	1480.4							
	08S	00800	04.09	34.925	27.74		1480.4							
	STO	00900	04.08	34.93	27.74	00.647	1482.0							
	08S	00900	04.08	34.930	27.74		1482.0							
	STO	01000	04.08	34.94	27.75	00.692	1483.7							
	08S	01000	04.08	34.940	27.75		1483.7							
	STO	01100	04.09	34.94	27.75	00.738	1485.4							
	08S	01100	04.09	34.940	27.75		1485.4							
	STO	01200	04.09	34.94	27.75	00.784	1487.1							
	08S	01200	04.09	34.945	27.75		1487.1							
	STO	01300	04.04	34.94	27.76	00.831	1488.5							
	08S	01300	04.04	34.945	27.76		1488.5							
	STO	01400	03.99	34.94	27.76	00.879	1490.0							
	08S	01400	03.99	34.940	27.76		1490.0							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REF ID	31 8296	YEAR	1972	BOTDP	01813	AIR TEMP	10.0	DIR HGT PER		WIND-DIR	13	INST STO RECORDER		TEN SQ	1306
CONSEC	0141	MONTH	05	SHIP EV		WET BULB	10.0	16 3 2		WIND-SPO	75	TRACE DIR	0	5 SQUARE	2
LAT	42 53.0N	DAY	09	DATA USE	1	BAROMETR	1014.6	SEA		WIND-FJR		DURATION	00.5	2 SQUARE	28
LONG	049 38.0W	HOHR	00.5	AREA	05	CLOUD T/A		CL/TR		WEATHER	X	DRIG TIP	111	1 SQUARE	29

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNDPTH	SN0 VEL	OXYG	P14	TOT P	ND2	ND3	SI33	PH
	STD	00000	03.59	32.90	26.18	00.000	1462.3							
00.5	DRS	00000	03.59	32.905	26.18		1462.3							
	STD	00010	03.59	32.90	26.18	00.018	1462.5							
	DRS	00010	03.59	32.905	26.18		1462.5							
	STD	00020	00.97	32.82	26.32	00.036	1451.0							
	DRS	00020	00.97	32.820	26.32		1451.0							
	STD	00030	- 0.48	32.78	26.36	00.053	1444.5							
	DRS	00030	- 0.48	32.780	26.36		1444.5							
	STD	00050	- 1.03	33.09	26.63	00.084	1442.7							
	DRS	00050	- 1.03	33.095	26.63		1442.7							
	STD	00360	- 1.28	33.180	26.71		1441.8							
	DRS	00360	- 1.28	33.180	26.71		1441.8							
	STD	00075	- 1.28	33.29	26.80	00.117	1442.2							
	DRS	00075	- 1.28	33.290	26.80		1442.2							
	STD	00100	- 1.18	33.35	26.85	00.148	1443.2							
	DRS	00100	- 1.18	33.355	26.85		1443.2							
	STD	00125	- 0.99	33.44	26.91	00.177	1444.6							
	DRS	00125	- 0.99	33.440	26.91		1444.6							
	STD	00150	- 0.78	33.52	26.97	00.205	1446.1							
	DRS	00150	- 0.78	33.520	26.97		1446.1							
	STD	00200	- 0.53	33.58	27.01	00.259	1448.2							
	DRS	00200	- 0.53	33.580	27.01		1448.2							
	STD	00210	- 0.35	33.635	27.04		1449.3							
	DRS	00210	- 0.35	33.635	27.04		1449.3							
	STD	00250	- 0.23	33.66	27.06	00.311	1450.5							
	DRS	00250	- 0.23	33.665	27.06		1450.5							
	STD	00270	- 0.31	33.690	27.09		1450.5							
	DRS	00270	- 0.31	33.690	27.09		1450.5							
	STD	00300	- 0.08	33.79	27.16	00.358	1452.2							
	DRS	00300	- 0.08	33.795	27.16		1452.2							
	STD	00360	00.72	34.075	27.34		1457.2							
	DRS	00360	00.72	34.075	27.34		1457.2							
	STD	00394	00.85	34.100	27.35		1458.4							
	DRS	00394	00.85	34.100	27.35		1458.4							
	STD	00400	01.12	34.21	27.42	00.437	1459.9							
	DRS	00400	01.12	34.210	27.42		1459.9							
	STD	00440	03.98	34.680	27.56		1473.6							
	DRS	00440	03.98	34.680	27.56		1473.6							
	STD	00450	03.95	34.680	27.56		1473.6							
	DRS	00450	03.95	34.680	27.56		1473.6							
	STD	00490	05.24	34.920	27.60		1480.0							
	DRS	00490	05.24	34.920	27.60		1480.0							
	STD	00500	05.09	34.93	27.63	00.498	1479.5							
	DRS	00500	05.09	34.930	27.63		1479.5							
	STD	00540	04.97	34.925	27.64		1479.7							
	DRS	00540	04.97	34.925	27.64		1479.7							
	STD	00580	04.23	34.850	27.66		1477.2							
	DRS	00580	04.23	34.850	27.66		1477.2							
	STD	00592	04.20	34.875	27.69		1477.3							
	DRS	00592	04.20	34.875	27.69		1477.3							
	STD	00600	04.35	34.90	27.69	00.548	1478.1							
	DRS	00600	04.35	34.900	27.69		1478.1							
	STD	00614	04.44	34.890	27.67		1478.7							
	DRS	00614	04.44	34.890	27.67		1478.7							
	STD	00627	04.42	34.880	27.67		1478.8							
	DRS	00627	04.42	34.880	27.67		1478.8							
	STD	00650	04.11	34.850	27.68		1477.8							
	DRS	00650	04.11	34.850	27.68		1477.8							
	STD	00700	04.20	34.90	27.71	00.595	1479.1							
	DRS	00700	04.20	34.900	27.71		1479.1							
	STD	00800	04.13	34.91	27.72	00.642	1480.5							
	DRS	00800	04.13	34.910	27.72		1480.5							
	STD	00845	04.12	34.910	27.72		1481.2							
	DRS	00845	04.12	34.910	27.72		1481.2							
	STD	00853	04.21	34.940	27.74		1481.8							
	DRS	00853	04.21	34.940	27.74		1481.8							
	STD	00900	04.10	34.91	27.73	00.688	1482.0							
	DRS	00900	04.10	34.910	27.73		1482.0							
	STD	01000	04.11	34.93	27.74	00.735	1483.8							
	DRS	01000	04.11	34.930	27.74		1483.8							
	STD	01100	04.12	34.93	27.74	00.782	1485.5							
	DRS	01100	04.12	34.930	27.74		1485.5							
	STD	01200	04.04	34.92	27.74	00.829	1486.8							
	DRS	01200	04.04	34.925	27.74		1486.8							
	STD	01300	04.00	34.92	27.74	00.877	1488.3							
	DRS	01300	04.00	34.920	27.74		1488.3							
	STD	01400	03.95	34.91	27.75	00.926	1489.8							
	DRS	01400	03.95	34.915	27.75		1489.8							
	STD	01500	03.86	34.91	27.75	00.975	1491.1							
	DRS	01500	03.86	34.910	27.75		1491.1							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972—18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296	YEAR 1972	BO TOP 01660	AIP TEMP 09.3	OIR HGT PER	WIND-DIR 13	INST STG RECNO	TEN SQ 1306
CONSEC 0142	MONTH 06	SHIP EV	WET BULB 08.3	18 1 2	WIND-SPD 13	TRACE DIR	5 SQUARE 2
LAT 42 49.0N	DAY 09	DATA USE 1	BAROMETR 1013.9	SEA	WIND-FTR	DURATION 00.7	2 SQUARE 28
LONG 049 26.0W	HOOR 02.8	AREA 05	CLND T/A	CL/TR	WEATHER 15	ORIG IIP 111	1 SQUARE 29

CASSTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXYG	P14	TOT P	NO2	NO3	S133	PH
02.8	STD	00000	01.66	32.57	26.08	00.000	1453.4							
	DRS	00000	01.66	32.575	26.08		1453.4							
	DRS	00000	01.66	32.630	26.12		1453.6							
	STD	00010	01.73	32.70	26.17	00.019	1454.1							
	DRS	00010	01.73	32.700	26.17		1454.1							
	STD	00020	00.22	32.72	26.28	00.037	1447.5							
	DRS	00020	00.22	32.720	26.28		1447.5							
	STD	00030	- 1.12	33.04	26.59	00.053	1441.9							
	DRS	00030	- 1.12	33.040	26.59		1441.9							
	DRS	00035	- 1.29	33.130	26.67		1441.3							
	DRS	00040	- 1.09	33.250	26.76		1442.5							
	STD	00050	- 1.18	33.22	26.74	00.081	1442.2							
	DRS	00050	- 1.18	33.225	26.74		1442.2							
	DRS	00060	- 1.29	33.245	26.76		1441.8							
	STD	00075	- 1.26	33.32	26.83	00.112	1442.3							
	DRS	00075	- 1.26	33.325	26.83		1442.3							
	STD	00100	- 1.24	33.38	26.87	00.142	1442.9							
	DRS	00100	- 1.24	33.385	26.87		1442.9							
	STD	00125	- 0.88	33.49	26.95	00.171	1445.2							
	DRS	00125	- 0.88	33.490	26.95		1445.2							
	STD	00150	- 0.68	33.56	27.00	00.198	1446.6							
	DRS	00150	- 0.68	33.560	27.00		1446.6							
	STD	00200	- 0.25	33.73	27.11	00.249	1449.7							
	DRS	00200	- 0.25	33.730	27.11		1449.7							
	STD	00250	00.08	33.86	27.20	00.294	1452.2							
	DRS	00250	00.08	33.860	27.20		1452.2							
	STD	00300	00.50	34.02	27.31	00.335	1455.2							
	DRS	00300	00.50	34.025	27.31		1455.2							
	STD	00400	02.72	34.57	27.59	00.400	1467.4							
	DRS	00400	02.72	34.575	27.59		1467.4							
	STD	00500	03.74	34.79	27.67	00.451	1473.7							
	DRS	00500	03.74	34.795	27.67		1473.7							
	DRS	00550	03.97	34.850	27.69		1475.6							
	STD	00600	04.09	34.88	27.70	00.497	1477.0							
	DRS	00600	04.09	34.880	27.70		1477.0							
	STD	00700	04.11	34.90	27.72	00.543	1478.7							
	DRS	00700	04.11	34.905	27.72		1478.7							
	STD	00800	04.13	34.91	27.73	00.589	1480.5							
	DRS	00800	04.13	34.915	27.73		1480.5							
	STD	00900	04.10	34.92	27.73	00.635	1482.1							
	DRS	00900	04.10	34.920	27.73		1482.1							
	STD	01000	04.08	34.93	27.74	00.681	1483.6							
	DRS	01000	04.08	34.930	27.74		1483.6							
	STD	01100	04.07	34.93	27.74	00.727	1485.3							
	DRS	01100	04.07	34.930	27.74		1485.3							
	STD	01200	04.03	34.93	27.75	00.774	1486.8							
	DRS	01200	04.03	34.935	27.75		1486.8							
	STD	01300	03.99	34.93	27.76	00.821	1488.3							
	DRS	01300	03.99	34.935	27.76		1488.3							
	STD	01400	03.85	34.93	27.77	00.868	1489.4							
	DRS	01400	03.85	34.930	27.77		1489.4							
	STD	01500	03.77	34.93	27.78	00.915	1490.7							
	DRS	01500	03.77	34.930	27.78		1490.7							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REF ID	31 8296	YEAR	1972	BOTOM	02562	AIR TEMP	10.0	DIR HGT	PER	WIND-DIR	17	INST STD	RECORDER	TFN	53	1306	
CONSEC	0143	MONTH	06	SHIP EV		WET BULB	10.0	18	1	2	WIND-SPD	15	TRACE DIR	0	5	SQUARE	2
LAT	42 29.0N	DAY	10	DATA USE	1	BAROMETR	1024.7	SEA			WIND-FOR		DURATION	00.4	2	SQUARE	28
LONG	049 47.5W	HOJR	18.6	AREA	05	CLOUD T/A		CL/TR			WEATHER	K	ORIG IIP	111	1	SQUARE	29

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SND VEL	CHYG	P34	TOT P	V02	V03	S103	P4
18.6	STO	00000	03.22	32.61	25.98	00.000	1460.3							
	08S	00000	03.22	32.610	25.98		1460.3							
	STO	00010	02.69	32.62	26.04	00.020	1458.2							
	08S	00010	02.69	32.620	26.04		1458.2							
	STO	00020	02.46	32.71	26.13	00.039	1457.5							
	08S	00020	02.46	32.710	26.13		1457.5							
	STO	00030	01.97	32.69	26.15	00.058	1455.5							
	08S	00030	01.97	32.690	26.15		1455.5							
	STO	00050	01.43	32.83	26.30	00.094	1453.6							
	08S	00050	01.43	32.830	26.30		1453.6							
	STO	00075	- 1.18	32.95	26.52	00.135	1442.2							
	08S	00075	- 1.18	32.955	26.52		1442.2							
	STO	00100	- 1.50	33.22	26.75	00.170	1441.5							
	08S	00111	- 1.64	33.310	26.82		1441.1							
	STO	00125	- 1.40	33.39	26.88	00.201	1442.6							
	08S	00125	- 1.40	33.390	26.88		1442.6							
	08S	00134	- 1.44	33.380	26.88		1442.6							
	STO	00150	- 1.20	33.43	26.91	00.230	1444.0							
	08S	00150	- 1.20	33.430	26.91		1444.0							
	08S	00159	- 1.13	33.420	26.90		1444.5							
	08S	00173	- 1.15	33.475	26.94		1444.7							
	08S	00193	- 1.04	33.535	26.99		1445.6							
	STO	00200	- 0.91	33.60	27.04	00.284	1446.4							
	08S	00200	- 0.91	33.600	27.04		1446.4							
	STO	00250	00.71	33.95	27.25	00.331	1455.2							
	08S	00250	00.71	33.955	27.25		1455.2							
	08S	00278	01.47	34.070	27.29		1459.2							
	STO	00300	00.57	34.05	27.33	00.370	1455.5							
	08S	00300	00.57	34.055	27.33		1455.5							
	STO	00400	01.93	34.39	27.51	00.438	1463.7							
	08S	00400	01.93	34.390	27.51		1463.7							
	STO	00500	03.22	34.68	27.63	00.493	1471.4							
	08S	00500	03.22	34.680	27.63		1471.4							
	STO	00600	04.40	34.97	27.74	00.540	1478.4							
	08S	00600	04.40	34.970	27.74		1478.4							
	STO	00700	04.57	34.97	27.72	00.584	1480.7							
	08S	00700	04.57	34.970	27.72		1480.7							
	08S	00725	04.44	34.970	27.74		1480.6							
	08S	00753	04.44	34.970	27.74		1481.1							
	STO	00800	04.31	34.95	27.74	00.630	1481.3							
	08S	00800	04.31	34.955	27.74		1481.3							
	08S	00835	04.22	34.950	27.74		1481.5							
	08S	00888	04.28	34.960	27.75		1482.7							
	STO	00900	04.25	34.96	27.75	00.675	1482.7							
	08S	00900	04.25	34.960	27.75		1482.7							
	STO	01000	04.20	34.96	27.75	00.720	1484.2							
	08S	01000	04.20	34.960	27.75		1484.2							
	STO	01100	04.10	34.95	27.76	00.765	1485.4							
	08S	01100	04.10	34.950	27.76		1485.4							
	STO	01200	04.03	34.94	27.76	00.811	1486.8							
	08S	01200	04.03	34.945	27.76		1486.8							
	STO	01300	03.95	34.94	27.77	00.858	1488.1							
	08S	01300	03.95	34.940	27.77		1488.1							
	08S	01319	03.96	34.995	27.80		1488.6							
	08S	01330	04.08	34.970	27.78		1489.2							
	08S	01360	04.11	34.975	27.78		1489.9							
	STO	01400	04.09	34.97	27.77	00.904	1490.4							
	08S	01400	04.09	34.970	27.77		1490.4							
	STO	01500	04.01	34.96	27.78	00.951	1491.8							
	08S	01500	04.01	34.965	27.78		1491.8							
	08S	01509	04.00	34.965	27.78		1491.9							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972—18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296	YFAR 1972	BOTOP 03322	AIR TEMP 11.1	OIR HGT PER	WIND-DIP 13	INST STD RECORDER	TEN SQ 1307
CHNSEC 0144	MONTH 05	SHIP EV	WET SUR 10.0	1R 2 2	WIND-SPO 12	TRACE DIR 0	5 SQUARE 1
LAT 42 48.5N	DAY 10	DATA USE 1	BAROMETR 1025.0	SFA	WIND-FTR	DURATION 00.2	2 SQUARE 20
LONG 050 00.5W	HOUR 21.5	AREA 05	CLUD T/A	CL/TR	WEATHER x4	DRIS TIP 111	1 SQUARE 20

CASSTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SNO VEL	OXYG	P76	TOT P	NO2	NO3	S133	P4
	STD	00000	11.31	33.75	25.23	00.000	1492.6							
21.5	DBS	00000	11.31	33.055	25.23		1492.6							
	STD	00010	09.37	32.61	25.21	00.028	1485.2							
	STD	00020	05.97	32.59	25.68	00.053	1472.1							
	DBS	00020	05.97	32.590	25.68		1472.1							
	STD	00030	01.10	32.99	26.45	00.073	1457.0							
	DBS	00030	01.10	32.990	26.45		1457.0							
	DBS	00035	01.57	33.090	26.50		1456.3							
	STD	00040	- 0.71	33.13	26.65	00.103	1444.2							
	DBS	00040	- 0.71	33.130	26.65		1444.2							
	STD	00075	- 1.10	33.24	26.75	00.136	1441.0							
	DBS	00075	- 1.10	33.240	26.75		1441.0							
	DBS	00095	- 1.18	33.165	26.86		1443.1							
	DBS	00095	- 1.18	33.16	26.84	00.168	1442.9							
	STD	00100	- 1.24	33.340	26.84		1442.9							
	DBS	00100	- 1.24	33.340	27.01		1445.7							
	DBS	00120	- 0.78	33.570	27.05	00.195	1452.4							
	STD	00125	00.63	33.71	27.02	00.222	1476.5							
	STD	00150	05.97	34.29	27.07		1476.5							
	DBS	00150	05.97	34.290	27.12		1486.1							
	STD	00200	08.04	34.78	27.12	00.273	1486.1							
	DBS	00200	08.04	34.780	27.15		1485.2							
	DBS	00204	07.77	34.770	27.15		1485.2							
	DBS	00223	09.14	35.020	27.13		1490.9							
	DBS	00243	08.95	35.320	27.16		1490.6							
	STD	00250	08.95	35.32	27.16	00.327	1490.6							
	DBS	00250	08.95	35.320	27.16		1490.6							
	STD	00300	04.27	34.32	27.24	00.368	1472.0							
	DBS	00300	04.27	34.320	27.24		1472.0							
	DBS	00308	04.16	34.320	27.25		1471.7							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 4296 YEAR 1972 HOTOP 01563 AIR TEMP 10.6 DIR HGT PFR WIND-DIR 13 INST STD RECORDER TEN SQ 1306
 CONSEC 0145 MONTH 06 SHIP EV WET BULB 13.0 19 0 2 WIND-SPO 12 TRACE DIR 0 5 SQUARE 2
 LAT 42 47.0N DAY 13 DATA USE 1 BAROMETR 1025.7 SEA WIND-FIR DURATION 01.2 2 SQUARE 28
 LONG 049 49.0W HOUR 23.5 AREA 05 CLOUD F/A CLTR WEATHER 84 ORIG IIP 111 1 SQUARE 29

CASIDNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	STWRA-I	DYNDEPTH	SNO VEL	JXYG	P19	TOT P	N02	N03	S133	P4
	STO	00300	04.84	32.83	26.00		00.000							
23.5	ORS	00000	04.84	32.830	26.00		1467.5							
	STO	00010	02.97	32.58	25.99		03.020							
	ORS	00010	02.97	32.585	25.99		1459.4							
	STO	00027	01.63	32.89	25.33		00.039							
	ORS	00030	01.63	32.890	25.33		1456.1							
	STO	00030	00.07	32.89	26.42		00.055							
	ORS	00030	00.07	32.890	26.42		1447.2							
	STO	00050	- 0.66	33.06	26.60		00.086							
	ORS	00050	- 0.66	33.065	26.60		1444.4							
	STO	00075	- 1.35	33.20	25.73		00.121							
	ORS	00075	- 1.35	33.205	25.73		1441.8							
	ORS	00084	- 1.51	33.250	26.77		1441.2							
	STO	00100	- 1.37	33.38	26.87		00.152							
	ORS	00100	- 1.37	33.380	26.87		1442.3							
	STO	00125	- 1.30	33.40	25.99		00.181							
	ORS	00125	- 1.30	33.400	25.99		1443.1							
	STO	00150	- 1.15	33.44	26.92		00.210							
	ORS	00150	- 1.15	33.440	26.92		1444.3							
	ORS	00175	- 0.83	33.555	27.00		1444.3							
	STO	00200	- 0.66	33.63	27.06		00.264							
	ORS	00200	- 0.66	33.635	27.06		1447.7							
	ORS	00230	- 0.35	33.715	27.11		1447.7							
	STO	00250	01.54	33.86	27.12		00.313							
	ORS	00270	03.61	34.190	27.20		1456.6							
	ORS	00281	04.92	34.450	27.28		1474.2							
	STO	00300	05.68	34.59	27.29		00.358							
	ORS	00300	05.68	34.590	27.29		1478.2							
	ORS	00320	06.90	34.840	27.33		1481.7							
	ORS	00340	06.79	34.880	27.37		1483.7							
	STO	00400	04.97	34.79	27.53		00.430							
	ORS	00400	04.97	34.790	27.53		1477.2							
	ORS	00435	04.89	34.900	27.63		1477.6							
	ORS	00480	04.14	34.840	27.67		1475.1							
	STO	00500	04.28	34.88	27.68		00.484							
	ORS	00500	04.28	34.875	27.68		1476.1							
	STO	00600	04.09	34.91	27.73		00.530							
	ORS	00600	04.09	34.910	27.73		1477.0							
	STO	00700	04.12	34.93	27.74		00.573							
	ORS	00700	04.12	34.930	27.74		1478.8							
	STO	00800	04.11	34.94	27.75		00.617							
	ORS	00800	04.11	34.940	27.75		1480.5							
	STO	00900	04.10	34.94	27.75		00.661							
	ORS	00900	04.10	34.945	27.75		1482.1							
	STO	01000	04.06	34.95	27.76		00.705							
	ORS	01000	04.06	34.950	27.76		1483.6							
	STO	01100	04.02	34.94	27.76		00.750							
	ORS	01100	04.02	34.945	27.76		1485.1							
	STO	01200	03.99	34.94	27.76		00.795							
	ORS	01200	03.99	34.945	27.76		1486.6							
	STO	01300	03.94	34.94	27.77		03.841							
	ORS	01300	03.94	34.940	27.77		1489.1							
	STO	01400	03.97	34.93	27.77		00.888							
	ORS	01400	03.97	34.935	27.77		1489.6							
	ORS	01495	03.89	34.940	27.77		1491.2							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 9296 YEAR 1972 BOTOP 02370 AIR TEMP 08.3 DIR HGT PER WIND-DIR 23 INST STD RECORDER TEN S3 1307
 CONSEC 0146 MONTH 06 SHIP EV WET AULR 09.3 19 0 2 WIND-SPO 12 TRACE DIR 0 WET SQUARE 1
 LAT 42 37.5N DAY 11 DATA USEF 1 BAROMETR 1025.6 SEA WIND-FTR DIRATION 02.3 2 SQUARE 20
 LONG 050 12.0W HOUR 03.9 AREA 05 CLOUD T/A CL/TR WEATHER X3 ORIG TRP 111 1 SQUARE 20

CASNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	XYG	P14	TOT P	NO2	NO3	SI33	PH
03.9	STD	00000	04.22	32.86	26.09	00.000	1464.9							
	OBS	00000	04.22	32.860	26.09		1464.9							
	STD	00010	01.77	32.69	26.17	00.019	1454.0							
	OBS	00010	01.72	32.690	26.17		1454.0							
	STD	00020	- 0.28	32.95	26.49	00.036	1445.5							
	OBS	00020	- 0.28	32.955	26.49		1445.5							
	STD	00030	- 0.80	32.99	26.54	00.051	1443.3							
	OBS	00030	- 0.80	32.990	26.54		1443.3							
	STD	00050	- 1.15	33.25	26.76	00.079	1442.3							
	OBS	00050	- 1.15	33.250	26.76		1442.3							
	STD	00075	- 1.23	33.32	26.82	00.111	1442.5							
	OBS	00075	- 1.23	33.325	26.82		1442.5							
	STD	00100	- 1.12	33.41	26.89	00.141	1443.5							
	OBS	00100	- 1.12	33.408	26.89		1443.5							
	STD	00125	- 0.95	33.49	26.95	00.169	1444.9							
	OBS	00125	- 0.95	33.490	26.95		1444.9							
	STD	00150	- 0.79	33.54	26.99	00.196	1446.1							
	OBS	00150	- 0.78	33.545	26.99		1446.1							
	STD	00200	- 0.68	33.59	27.02	00.249	1447.5							
	OBS	00200	- 0.68	33.588	27.02		1447.5							
	STD	00250	- 0.28	33.70	27.09	00.300	1450.3							
	OBS	00250	- 0.28	33.699	27.09		1450.3							
	STD	00300	00.11	33.84	27.19	00.346	1453.1							
	OBS	00300	00.11	33.845	27.19		1453.1							
	STD	00350	00.57	34.060	27.34		1456.4							
	OBS	00350	00.57	34.060	27.34		1456.4							
	STD	00400	01.27	34.29	27.48	00.421	1460.7							
	OBS	00400	01.27	34.290	27.48		1460.7							
	STD	00450	02.54	34.640	27.66		1467.4							
	OBS	00450	02.54	34.640	27.66		1467.4							
	STD	00500	03.57	34.75	27.65	00.477	1472.9							
	OBS	00500	03.57	34.750	27.65		1472.9							
	STD	00524	03.84	34.820	27.68		1474.6							
	OBS	00524	03.84	34.820	27.68		1474.6							
	STD	00600	04.00	34.88	27.72	00.524	1476.6							
	OBS	00600	04.00	34.885	27.72		1476.6							
	STD	00700	04.03	34.92	27.74	00.568	1478.6							
	OBS	00700	04.03	34.920	27.74		1478.6							
	STD	00800	04.07	34.93	27.75	00.612	1480.3							
	OBS	00800	04.07	34.935	27.75		1480.3							
	STD	00900	04.05	34.94	27.75	00.656	1481.9							
	OBS	00900	04.05	34.940	27.75		1481.9							
	STD	01000	04.04	34.94	27.76	00.700	1483.5							
	OBS	01000	04.04	34.945	27.76		1483.5							
	STD	01100	04.05	34.94	27.76	00.745	1485.2							
	OBS	01100	04.05	34.945	27.76		1485.2							
	STD	01200	04.05	34.95	27.76	00.790	1486.9							
	OBS	01200	04.05	34.950	27.76		1486.9							
	STD	01300	04.03	34.95	27.76	00.837	1488.5							
	OBS	01300	04.03	34.950	27.76		1488.5							
	STD	01400	03.97	34.94	27.77	00.884	1489.9							
	OBS	01400	03.97	34.945	27.77		1489.9							
	STD	01500	03.91	34.94	27.77	00.931	1491.3							
	OBS	01500	03.91	34.945	27.77		1491.3							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REF ID	31 8296	YEAR	1972	BDTDP	02189	AIR TEMP	11.7	OIP HGT PER		WIND DIR	13	INST STD RECORDER	TEN SQ	1306
CONSEC	0147	MONTH	06	SHIP FV		WFT BULB	11-7		14 4 2	WIND-SPO	37	TRACE OIR	0	5 SQUARE 2
LAT	42 44.0N	DAY	12	DATA USE	1	RARDMFTR	1020.3	SEA		WIND-FTR		DURATION	00.4	2 SQUARE 28
LONG	049 29.5W	HOOR	13.1	AREA	05	CLOUD T/A		CL/TR		WFATHER	X%	ORIG IIP	111	1 SQUARE 29

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	SYNDPTH	SNO VEL	OXYG	P34	TOT P	NO2	NO3	SIC3	PH
13.1	STD	00007	05.39	32.79	25.90	00.000	1469.7							
	ORS	00000	05.39	32.790	25.90		1469.7							
	STD	00010	03.89	32.58	25.90	00.021	1463.3							
	STD	00020	02.67	32.55	25.98	00.042	1458.2							
	ORS	00020	02.67	32.550	25.98		1458.2							
	STD	00030	01.72	32.69	26.17	00.061	1454.4							
	ORS	00030	01.72	32.690	26.17		1454.4							
	ORS	00041	01.15	32.885	26.36		1452.3							
	STD	00050	00.07	32.79	26.34	00.097	1447.4							
	ORS	00050	00.07	32.790	26.34		1447.4							
	ORS	00054	- 0.55	33.090	26.61		1445.0							
	ORS	00060	- 0.07	33.230	26.70		1447.5							
	STD	00075	- 1.30	33.47	26.94	00.132	1442.4							
	ORS	00075	- 1.30	33.470	26.94		1442.4							
	STD	00100	00.47	33.72	27.07	00.158	1451.3							
	ORS	00100	00.47	33.720	27.07		1451.3							
	ORS	00103	00.59	33.690	27.04		1451.9							
	ORS	00105	00.49	33.710	27.06		1451.5							
	ORS	00115	01.02	33.760	27.07		1454.1							
	STD	00125	00.85	33.90	27.19	00.182	1453.7							
	ORS	00125	00.85	33.900	27.19		1453.7							
	ORS	00140	00.03	33.890	27.23		1450.2							
	STD	00150	00.57	33.94	27.24	00.203	1452.9							
	ORS	00150	00.57	33.940	27.24		1452.9							
	ORS	00165	00.78	33.990	27.27		1454.2							
	ORS	00177	00.51	34.040	27.33		1453.2							
	STD	00200	01.62	34.32	27.48	00.240	1458.9							
	ORS	00200	01.62	34.320	27.48		1458.9							
	ORS	00222	01.64	34.325	27.48		1459.4							
	STD	00250	02.06	34.42	27.52	00.270	1461.8							
	ORS	00250	02.06	34.420	27.52		1461.8							
	ORS	00270	02.15	34.440	27.53		1462.6							
	STD	00300	02.81	34.59	27.60	00.297	1466.2							
	ORS	00300	02.81	34.590	27.60		1466.2							
	ORS	00343	03.57	34.760	27.66		1470.4							
	STD	00400	03.77	34.82	27.69	00.346	1472.2							
	ORS	00400	03.77	34.820	27.69		1472.2							
	STD	00500	03.97	34.89	27.72	00.397	1474.8							
	ORS	00500	03.97	34.890	27.72		1474.8							
	STD	00600	04.05	34.92	27.74	00.433	1476.9							
	ORS	00600	04.05	34.920	27.74		1476.9							
	STD	00700	04.04	34.93	27.75	00.476	1478.5							
	ORS	00700	04.04	34.930	27.75		1478.5							
	STD	00800	04.04	34.93	27.75	00.519	1480.1							
	ORS	00800	04.04	34.930	27.75		1480.1							
	STD	00900	04.04	34.93	27.75	00.563	1481.8							
	ORS	00900	04.04	34.930	27.75		1481.8							
	STD	01000	04.04	34.93	27.75	00.608	1483.5							
	ORS	01000	04.04	34.930	27.75		1483.5							
	STD	01100	04.03	34.93	27.75	00.654	1485.1							
	ORS	01100	04.03	34.935	27.75		1485.1							
	ORS	01186	04.03	34.945	27.76		1486.6							
	STD	01200	04.08	34.95	27.76	00.700	1487.0							
	ORS	01200	04.08	34.955	27.76		1487.0							
	STD	01300	04.01	34.95	27.77	00.746	1488.4							
	ORS	01300	04.01	34.950	27.77		1488.4							
	STD	01400	03.94	34.95	27.77	00.792	1489.8							
	ORS	01400	03.94	34.950	27.77		1489.8							
	ORS	01440	03.94	34.950	27.77		1490.5							
	STD	01500	03.83	34.94	27.78	00.839	1491.0							
	ORS	01500	03.83	34.940	27.78		1491.0							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 9296	YEAR 1972	BDTOP 02239	AIR TEMP 10.0	DIA HGT PER	WIND-DIR 13	INST STD RECORDER	TEN SQ 1306
CONSEC 0148	MONTH 06	SHIP EV	WET BULB 10.0	19 5 4	WIND-SPD 20	TRACE DIR 7	5 SQUARE 2
LAT 42 44.0N	DAY 12	DATA USE 1	BAROMETR 1020.0	SEA	WIND-FZR	DURATION 00.6	2 SQUARE 28
LONG 049 49.0W	HRHR 16.4	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	ORIG TIP III	1 SQUARE 29

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	SYNDEPTH	SNO VEL	DRYG	P24	TOT P	NO2	NO3	S133	P4
16.4	STD	00000	04.21	32.85	26.08	00.000	1464.9							
	OBS	00000	04.21	32.855	26.08		1464.9							
	STD	00010	03.47	32.80	26.12	00.019	1461.8							
	OBS	00010	03.47	32.805	26.12		1461.8							
	OBS	00017	00.50	32.770	26.31		1468.8							
	STD	00020	00.61	32.83	26.35	00.037	1449.4							
	OBS	00020	00.61	32.830	26.35		1449.4							
	STD	00030	- 1.12	32.99	26.55	00.053	1461.8							
	OBS	00030	- 1.12	32.990	26.55		1461.8							
	OBS	00040	- 0.94	33.140	26.67		1463.0							
	STD	00050	- 1.18	33.21	26.73	00.081	1442.2							
	OBS	00050	- 1.18	33.210	26.73		1442.2							
	OBS	00056	- 1.24	33.245	26.76		1442.0							
	OBS	00060	- 1.18	33.280	26.79		1442.4							
	STD	00075	- 1.18	33.30	26.81	00.113	1442.7							
	OBS	00075	- 1.18	33.305	26.81		1442.7							
	STD	00100	- 1.19	33.35	26.84	00.144	1443.1							
	OBS	00100	- 1.19	33.350	26.84		1443.1							
	OBS	00119	- 1.09	33.420	26.90		1444.0							
	STD	00125	- 1.09	33.42	26.90	00.174	1444.1							
	OBS	00125	- 1.09	33.420	26.90		1444.1							
	STD	00150	- 0.90	33.49	26.95	00.202	1445.5							
	OBS	00150	- 0.90	33.490	26.95		1445.5							
	STD	00200	- 0.55	33.59	27.01	00.256	1448.1							
	OBS	00200	- 0.55	33.590	27.01		1448.1							
	STD	00250	- 0.28	33.69	27.08	00.306	1450.3							
	OBS	00250	- 0.28	33.690	27.08		1450.3							
	OBS	00262	- 0.29	33.715	27.10		1450.5							
	STD	00300	- 0.07	33.81	27.17	00.353	1452.3							
	OBS	00300	- 0.07	33.810	27.17		1452.3							
	STD	00400	02.47	34.27	27.37	00.435	1465.9							
	OBS	00400	02.47	34.270	27.37		1465.9							
	OBS	00427	03.64	34.490	27.44		1471.7							
	OBS	00440	02.98	34.490	27.50		1469.1							
	OBS	00459	04.41	34.690	27.52		1475.7							
	OBS	00468	03.39	34.695	27.63		1471.6							
	OBS	00475	03.55	34.755	27.66		1472.5							
	STD	00500	03.42	34.73	27.66	00.496	1472.3							
	OBS	00500	03.42	34.735	27.66		1474.4							
	OBS	00530	03.78	34.810	27.68		1475.0							
	OBS	00562	03.78	34.825	27.69		1474.4							
	STD	00600	04.07	34.89	27.71	00.543	1476.9							
	OBS	00600	04.07	34.890	27.71		1476.9							
	STD	00700	04.29	34.94	27.73	00.588	1479.6							
	OBS	00700	04.29	34.945	27.73		1479.6							
	OBS	00750	04.31	34.955	27.74		1480.5							
	STD	00800	04.11	34.93	27.74	00.632	1480.4							
	OBS	00800	04.11	34.930	27.74		1480.4							
	OBS	00830	04.07	34.925	27.74		1480.8							
	STD	00900	04.05	34.93	27.75	00.677	1481.9							
	OBS	00900	04.05	34.930	27.75		1481.9							
	OBS	00980	04.14	34.950	27.75		1483.6							
	STD	01000	04.17	34.95	27.75	00.722	1484.1							
	OBS	01000	04.17	34.955	27.75		1484.1							
	STD	01100	04.05	34.93	27.75	00.768	1485.2							
	OBS	01100	04.05	34.935	27.75		1485.2							
	STD	01200	04.09	34.95	27.76	00.814	1487.1							
	OBS	01200	04.09	34.950	27.76		1487.1							
	STD	01300	04.12	34.96	27.76	00.861	1488.9							
	OBS	01300	04.12	34.960	27.76		1488.9							
	STD	01400	04.17	34.97	27.77	00.909	1490.8							
	OBS	01400	04.17	34.970	27.77		1490.8							
	STD	01500	04.11	34.97	27.77	00.957	1492.2							
	OBS	01500	04.11	34.970	27.77		1492.2							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31 8296.—Continued

REFID 31 8296 YEAR 1972 BOTOP 02986 AIR TEMP 08.3 DIR HGT PER 4140-DIR 35 INST STD RECORDER TEN SQ 1306
 CONSEC 0149 MONTH 06 SHIP EV WET RULR 07.8 17 3 2 WIND-SPD 17 TRACF DIR 7 5 SQUARE 2
 LAT 42 21.0N DAY 12 DATA USE 1 BAROMETER 1023.7 SFA WIND-FDR 03.4 2 SQUARE 28
 LONG 049 37.5W HOUR 23.4 AREA 05 CLOUD T/A CL/TR WEATHER X, ORIG IIP 111 1 SQUARE 29

CASSTNUM/TIME	LVL/TYPE	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SDO VEL	DOXYG	P24	TOT P	V02	V03	S103	P4
23.4	STD	00000	05.14	32.56	25.75	00.000	1468.3							
	085	00000	05.14	32.565	25.75		1468.3							
	STD	00010	02.27	32.63	26.08	00.021	1456.4							
	085	00010	02.27	32.630	26.08		1456.4							
	085	00018	01.74	32.750	25.21		1454.3							
	STD	00020	01.67	32.78	26.24	00.040	1454.1							
	085	00020	01.67	32.780	26.24		1454.1							
	085	00025	01.52	32.785	26.26		1453.5							
	STD	00030	01.67	32.97	26.40	00.057	1454.5							
	085	00040	01.97	33.300	26.64		1456.5							
	STD	00050	03.81	33.55	26.68	00.087	1464.9							
	085	00050	03.81	33.555	26.68		1464.9							
	085	00052	03.64	33.605	26.74		1464.3							
	085	00070	02.79	33.590	26.80		1460.9							
	STD	00075	02.59	33.61	26.83	00.119	1460.2							
	085	00090	01.74	33.670	26.95		1456.8							
	085	00095	01.38	33.725	27.02		1455.3							
	STD	00100	01.64	33.86	27.11	00.147	1456.8							
	085	00100	01.64	33.860	27.11		1456.4							
	STD	00125	00.41	33.90	27.22	00.170	1451.7							
	085	00125	00.41	33.900	27.22		1451.7							
	085	00140	04.94	34.475	27.29		1472.4							
	STD	00150	04.82	34.49	27.31	00.190	1472.1							
	085	00150	04.82	34.490	27.31		1472.1							
	085	00170	05.41	34.570	27.31		1474.9							
	STD	00200	05.97	34.67	27.32	00.230	1477.8							
	085	00200	05.97	34.670	27.32		1477.8							
	085	00210	05.92	34.675	27.33		1477.8							
	085	00222	05.62	34.620	27.32		1476.7							
	085	00240	05.30	34.650	27.38		1475.7							
	085	00247	05.30	34.685	27.41		1475.9							
	STD	00250	05.48	34.70	27.40	00.268	1476.7							
	085	00278	05.75	34.780	27.43		1478.3							
	085	00280	05.67	34.780	27.44		1478.1							
	STD	00300	05.72	34.90	27.53	00.301	1478.8							
	085	00300	05.72	34.900	27.53		1478.8							
	085	00302	05.80	34.310	27.53		1479.1							
	085	00310	05.72	34.900	27.53		1478.9							
	085	00330	05.47	34.850	27.52		1478.2							
	085	00370	05.62	34.915	27.55		1479.5							
	085	00380	05.42	34.945	27.60		1478.9							
	STD	00400	05.41	34.95	27.61	00.358	1479.2							
	085	00400	05.41	34.955	27.61		1479.2							
	STD	00500	05.27	35.02	27.68	00.409	1480.4							
	085	00500	05.27	35.025	27.68		1480.4							
	085	00550	04.49	34.930	27.70		1477.9							
	STD	00600	04.89	35.00	27.71	00.456	1480.5							
	085	00600	04.89	35.000	27.71		1480.5							
	085	00610	04.94	35.045	27.74		1480.9							
	STD	00700	04.47	35.00	27.76	00.501	1480.4							
	085	00700	04.47	35.000	27.76		1480.4							
	STD	00800	04.10	34.95	27.76	00.544	1480.4							
	085	00800	04.10	34.950	27.76		1480.4							
	STD	00900	04.05	34.94	27.76	00.587	1481.9							
	085	00900	04.05	34.945	27.76		1481.9							
	STD	01000	04.07	34.96	27.77	00.630	1483.6							
	085	01000	04.07	34.960	27.77		1483.6							
	STD	01100	04.09	34.97	27.77	00.674	1485.4							
	085	01100	04.09	34.970	27.77		1485.4							
	STD	01200	04.01	34.96	27.78	00.719	1486.7							
	085	01200	04.01	34.965	27.78		1486.7							
	STD	01300	03.84	34.94	27.78	00.763	1487.7							
	085	01300	03.84	34.940	27.78		1487.7							
	STD	01400	03.87	34.95	27.78	00.809	1489.5							
	085	01490	03.89	34.960	27.79		1491.1							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972—18 June 1972, Prepared from NODC Listing No. 31-S296.—Continued

REF ID: 31 9296	YEAR: 1972	BOTDP: 01345	ATP TEMP: 09.4	DIR HGT: PER	WIND-DIR: 01	INST STO: RECORR	TEN SQ: 1306
CINSEC: 0150	MONTH: 06	SHIP EV:	WET SUBL: 03.9	36 7 2	WIND-SPO: 13	TRACE DIR: 0	5 SQUARE: 2
LAT: 42 53.0N	DAY: 13	DATA USE: 1	BAROMETR: 1024.7	SFA	WIND-EJK	DURATION: 00.4	2 SQUARE: 28
LONG: 049 42.0W	HOOR: 04.3	AREA: 05	CLOUD T/A	CL/TR	WEATHER: X5	ORIG IIP: 111	1 SQUARE: 29

CSTNUM/TIME	LVL/TP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	DXYG	P14	TOT P	NO2	NO3	SIO3	P4
04.3	STO	00000	08.87	33.30	25.60	00.000	1483.6							
	TR5	00007	08.87	33.305	25.60		1483.6							
	STO	00010	07.74	33.09	25.83	00.023	1479.6							
	TR5	00017	07.74	33.090	25.83		1479.6							
	STO	00027	06.04	33.11	26.08	00.043	1473.1							
	TR5	00020	06.04	33.115	26.08		1473.1							
	STO	00030	03.37	33.16	26.41	00.061	1462.0							
	TR5	00033	03.37	33.160	26.41		1462.0							
	STO	00050	02.02	33.19	26.55	00.093	1456.7							
	TR5	00057	02.02	33.195	26.55		1456.7							
	TR5	00068	00.48	33.150	26.61		1450.0							
	TR5	00072	00.62	33.235	26.67		1450.9							
	STO	00075	00.58	33.24	26.68	00.123	1450.7							
	TR5	00100	00.27	33.31	26.75	00.162	1449.8							
	TR5	00103	00.27	33.310	26.75		1449.8							
	TR5	00115	- 0.67	33.370	26.84		1446.1							
	STO	00125	- 0.33	33.43	26.88	00.193	1447.7							
	TR5	00125	- 0.33	33.430	26.88		1447.7							
	TR5	00129	- 0.50	33.450	26.90		1447.0							
	STO	00150	01.54	33.53	26.98	00.221	1456.9							
	TR5	00150	01.54	33.685	26.98		1456.9							
	TR5	00190	03.97	34.110	27.10		1468.7							
	STO	00200	03.36	34.32	27.09	00.273	1466.1							
	TR5	00200	03.36	34.020	27.09		1466.1							
	TR5	00231	03.62	34.150	27.17		1467.9							
	STO	00250	04.52	34.38	27.26	00.320	1472.3							
	TR5	00250	04.52	34.375	27.26		1472.3							
	TR5	00260	05.00	34.440	27.25		1474.5							
	TR5	00291	00.90	34.050	27.31		1456.9							
	STO	00300	00.97	34.13	27.37	00.359	1457.4							
	TR5	00300	00.97	34.135	27.37		1457.4							
	TR5	00319	01.21	34.200	27.41		1458.9							
	TR5	00342	03.13	34.570	27.63		1468.3							
	TR5	00363	03.63	34.720	27.62		1470.9							
	TR5	00390	03.79	34.770	27.65		1472.1							
	STO	00400	03.79	34.78	27.66	00.419	1472.3							
	TR5	00400	03.79	34.785	27.66		1472.3							
	TR5	00410	03.82	34.810	27.68		1472.6							
	TR5	00415	04.08	34.890	27.71		1473.9							
	TR5	00442	04.37	34.940	27.72		1475.6							
	TR5	00459	04.34	34.945	27.73		1475.8							
	TR5	00486	04.83	35.015	27.73		1478.3							
	STO	00500	04.85	35.02	27.73	00.464	1478.7							
	TR5	00500	04.85	35.020	27.73		1478.7							
	TR5	00530	04.85	35.015	27.73		1479.2							
	TR5	00570	04.37	34.950	27.73		1477.7							
	STO	00600	04.35	34.95	27.73	00.508	1478.2							
	TR5	00600	04.35	34.955	27.73		1478.2							
	TR5	00620	04.39	34.960	27.73		1478.7							
	STO	00700	04.25	34.96	27.75	00.551	1479.4							
	TR5	00700	04.25	34.960	27.75		1479.4							
	STO	00800	04.18	34.95	27.75	00.594	1480.8							
	TR5	00800	04.18	34.955	27.75		1480.8							
	STO	00900	04.08	34.94	27.76	00.638	1482.0							
	TR5	00900	04.08	34.945	27.76		1482.0							
	TR5	00955	04.10	34.960	27.77		1483.0							
	STO	01000	04.34	35.00	27.78	00.682	1484.8							
	TR5	01000	04.34	35.005	27.78		1484.8							
	STO	01100	04.24	34.99	27.77	00.726	1486.3							
	TR5	01100	04.24	34.990	27.77		1486.3							
	TR5	01200	04.25	34.99	27.77	00.771	1487.8							
	STO	01200	04.25	34.990	27.77		1487.8							
	TR5	01300	04.14	34.98	27.78	00.817	1489.0							
	STO	01300	04.14	34.980	27.78		1489.0							
	TR5	01300	04.03	34.96	27.78	00.863	1490.2							
	STO	01400	04.03	34.965	27.78		1490.2							
	TR5	01400	04.03	34.965	27.78		1490.2							
	TR5	01418	03.93	34.955	27.78		1490.1							
	TR5	01460	03.92	34.975	27.80		1490.7							
	TR5	01463	03.97	34.970	27.79		1491.0							
	TR5	01500	03.97	34.96	27.78	00.910	1491.6							
	STO	01500	03.97	34.960	27.78		1491.6							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

OFF ID 31 8226 YEAR 1972 HHTOP 01648 AIP TEMP 12.9 DTP HGT PER WIND-DIR 03 INST STD RECORDER TEN SQ 1307
 CONSEC 0151 MONTH 04 SHIP EV WFT QUIL 10.0 WIND-SPO 05 TRACE DIR 5 SQUARE 1
 LAT 42 42.5N DAY 14 DATA USE 1 BAROMETR IND 29.1 SEA CLUTR WIND-FJR DIRATION 09.4 2 SQUARE 20
 LONG 050 22.0W HOUR 19.7 AREA 05 CLOUD T/A CLUTR WEATHER XI OPTIC TIP 111 1 SQUARE 20

CASNUM/TIME	LVL/TP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPH	SQD VEL	CHYG	P34	TOT P	NO2	NO3	SD3	P4
19.7	STD	00000	05.22	32.71	25.86	00.000	1468.9							
	ONS	00000	05.22	32.710	25.86		1468.9							
	STD	00010	04.42	32.79	24.01	00.021	1465.8							
	ONS	00010	04.42	32.790	24.01		1465.8							
	STD	00020	03.42	32.63	25.99	00.041	1461.5							
	ONS	00020	03.42	32.630	25.98		1461.5							
	STD	00030	01.47	32.82	24.29	00.060	1453.4							
	ONS	00030	01.47	32.820	24.29		1453.4							
	STD	00050	- 0.23	33.01	24.54	00.092	1446.3							
	ONS	00050	- 0.23	33.015	24.54		1446.3							
	STD	00075	- 1.03	33.15	23.68	00.128	1443.2							
	ONS	00075	- 1.03	33.150	23.68		1443.2							
	STD	00100	- 1.20	33.29	24.80	00.161	1443.0							
	ONS	00100	- 1.20	33.290	24.80		1443.0							
	STD	00125	- 1.18	33.36	24.85	00.192	1443.6							
	ONS	00125	- 1.18	33.360	24.85		1443.6							
	STD	00150	- 1.08	33.42	24.90	00.221	1444.6							
	ONS	00150	- 1.08	33.425	24.90		1444.6							
	ONS	00190	- 0.45	33.660	27.07		1448.5							
	STD	00200	03.12	34.07	27.15	00.273	1469.1							
	ONS	00200	03.12	34.070	27.15		1469.1							
	ONS	00235	06.30	34.550	27.18		1479.2							
	ONS	00244	05.26	34.350	27.15		1475.2							
	STD	00250	05.57	34.49	27.22	00.319	1476.8							
	ONS	00250	05.57	34.490	27.22		1476.8							
	ONS	00267	03.39	34.250	27.27		1467.7							
	ONS	00281	05.63	34.610	27.31		1477.7							
	ONS	00298	03.87	34.350	27.30		1470.3							
	STD	00300	03.91	34.40	27.34	00.360	1470.6							
	ONS	00300	03.91	34.400	27.34		1470.6							
	ONS	00311	04.49	34.470	27.33		1473.3							
	ONS	00325	03.25	34.330	27.35		1468.1							
	ONS	00341	04.05	34.520	27.42		1472.0							
	ONS	00365	03.32	34.440	27.43		1469.2							
	STD	00400	04.74	34.73	27.52	00.430	1476.2							
	ONS	00400	04.74	34.735	27.52		1476.2							
	ONS	00419	04.85	34.800	27.56		1477.0							
	ONS	00453	04.71	34.840	27.60		1477.1							
	ONS	00465	04.58	34.835	27.61		1476.7							
	ONS	00478	04.85	34.875	27.61		1478.1							
	STD	00500	04.20	34.81	27.64	00.487	1475.7							
	ONS	00500	04.20	34.810	27.64		1475.7							
	ONS	00510	04.82	34.950	27.68		1478.6							
	ONS	00540	04.91	34.950	27.67		1479.5							
	STD	00600	04.79	34.98	27.69	00.537	1480.0							
	ONS	00600	04.79	34.985	27.69		1480.0							
	ONS	00674	04.77	34.990	27.72		1481.2							
	STD	00700	04.69	34.98	27.72	00.584	1481.3							
	ONS	00700	04.69	34.985	27.72		1481.3							
	ONS	00721	04.53	34.960	27.72		1480.9							
	STD	00800	04.33	34.95	27.73	00.630	1481.4							
	ONS	00800	04.33	34.950	27.73		1481.4							
	STD	00900	04.23	34.93	27.73	00.676	1482.6							
	ONS	00900	04.23	34.935	27.73		1482.6							
	ONS	00953	04.22	34.935	27.73		1483.5							
	STD	01000	04.15	34.94	27.74	00.722	1484.0							
	ONS	01000	04.15	34.940	27.74		1484.0							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 B296 YEAR 1972 BOTOP 01569 AIR TEMP 12.7 OIR HGT PER WIND-DIR 05 INST STD RECORDER TEN SQ 1307
 CONSEC 0152 MONT 06 SHIP EV WET BULB 10.6 30 1 3 WIND-SPO 05 TRACE OIR 0 5 SQUARE 1
 LAT 42 41.5N DAY 14 DATA USE 1 BAROMETR 1029.8 SFA WIND-FDR 00PATI 00.4 2 SQUARE 20
 LONG 050 04.0W HOUR 21.9 AREA 05 CLOUD T/A CL/TR WEATHER X1 ORIG TIP 111 1 SQUARE 20

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SND VEL	DRYG	P34	TOT P	NO2	NO3	S133	P4
21.9	STD	00000	05.57	32.79	25.88	00.000	1470.4							
	OBS	00000	05.57	32.790	25.88		1470.4							
	STD	00010	05.23	32.71	25.86	00.021	1469.1							
	OBS	00010	05.23	32.710	25.86		1469.1							
	STD	00020	03.67	32.71	26.02	00.047	1462.7							
	OBS	00020	03.67	32.710	26.02		1462.7							
	STD	00030	01.50	32.91	26.36	00.061	1453.7							
	OBS	00030	01.50	32.910	26.36		1453.7							
	STD	00050	- 1.19	32.97	26.54	00.092	1441.8							
	OBS	00050	- 1.19	32.970	26.54		1441.8							
	OBS	00060	- 1.24	33.150	26.68		1441.9							
	OBS	00062	- 1.21	33.160	26.69		1442.1							
	OBS	00070	- 1.25	33.190	26.72		1442.1							
	STD	00075	- 1.21	33.24	26.76	00.127	1442.5							
	OBS	00075	- 1.21	33.245	26.76		1442.5							
	STD	00100	- 1.29	33.30	26.81	00.159	1442.6							
	OBS	00100	- 1.29	33.300	26.81		1442.6							
	STD	00125	- 1.20	33.39	26.87	00.189	1443.5							
	OBS	00125	- 1.20	33.385	26.87		1443.5							
	STD	00150	- 1.05	33.44	26.91	00.218	1444.7							
	OBS	00150	- 1.05	33.440	26.91		1444.7							
	STD	00200	- 0.77	33.54	26.99	00.274	1447.0							
	OBS	00200	- 0.77	33.545	26.99		1447.0							
	STD	00250	02.09	33.70	26.94	00.329	1461.0							
	OBS	00274	03.67	34.030	27.07		1468.7							
	OBS	00288	04.15	34.170	27.13		1471.1							
	STD	00300	02.04	34.03	27.21	00.379	1462.0							
	OBS	00300	02.04	34.030	27.21		1462.0							
	OBS	00319	00.49	33.910	27.22		1455.3							
	OBS	00325	00.44	33.970	27.27		1455.2							
	OBS	00331	00.64	33.995	27.28		1456.3							
	OBS	00356	00.66	34.130	27.39		1457.0							
	STD	00400	01.72	34.27	27.43	00.456	1462.6							
	OBS	00400	01.72	34.270	27.43		1462.6							
	OBS	00407	01.78	34.260	27.42		1463.0							
	OBS	00420	01.62	34.300	27.46		1462.6							
	STD	00500	03.59	34.75	27.65	00.514	1473.0							
	OBS	00500	03.59	34.755	27.65		1473.0							
	STD	00600	03.90	34.84	27.69	00.562	1476.1							
	OBS	00600	03.90	34.840	27.69		1476.1							
	STD	00700	04.06	34.88	27.70	00.609	1478.5							
	OBS	00700	04.06	34.875	27.70		1478.5							
	STD	00800	04.10	34.91	27.73	00.656	1480.4							
	OBS	00800	04.10	34.910	27.73		1480.4							
	STD	00900	04.10	34.91	27.73	00.702	1482.0							
	OBS	00900	04.10	34.910	27.73		1482.0							
	STD	01000	04.10	34.92	27.73	00.749	1483.7							
	OBS	01000	04.10	34.920	27.73		1483.7							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296 YEAR 1972 BOTDP 02249 AIR TEMP 07.2 OIR HGT PER WIND-DIR 12 INST STO RECORFER TEN SQ 1307
 CONSEC 0153 MONTH 05 SHIP EV WET BULB 06.7 31 1 2 WIND-SPO 04 TRACE OIR 3 5 SQUARE 1
 LAT 42 33.5N DAY 14 DATA USE 1 BAROMETR 1030.8 SEA WIND-FTR DURATION 03.3 2 SQUARE 20
 LONG 050 06.5W HOUR 23.7 AREA 05 CLOUD T/A CL/TR WEATHER X1 ORIG IIP 111 1 SQUARE 20

CASSTNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	3XYG	P04	TOT P	W3?	W03	S133	P4
23.7	STD	00000	05.79	32.72	25.80	00.000	1471.2							
	ORS	00000	05.79	32.720	25.80		1471.2							
	STD	00010	04.79	32.70	25.90	00.022	1467.2							
	ORS	00010	04.78	32.700	25.90		1467.2							
	STD	00020	01.12	32.57	26.11	00.042	1451.3							
	ORS	00020	01.12	32.570	26.11		1451.3							
	STD	00030	- 0.23	32.90	26.45	00.059	1445.8							
	ORS	00030	- 0.23	32.900	26.45		1445.8							
	STD	00050	- 1.16	33.15	26.68	00.089	1442.2							
	ORS	00050	- 1.16	33.150	26.68		1442.2							
	STD	00075	- 1.20	33.31	26.82	00.121	1442.6							
	ORS	00075	- 1.20	33.315	26.82		1442.6							
	STD	00100	- 1.11	33.38	26.87	00.152	1443.5							
	ORS	00100	- 1.11	33.380	26.87		1443.5							
	STD	00125	- 1.05	33.43	26.90	00.181	1444.3							
	ORS	00125	- 1.05	33.430	26.90		1444.3							
	STD	00150	- 0.85	33.50	26.96	00.209	1445.8							
	ORS	00150	- 0.85	33.505	26.96		1445.8							
	STD	00200	- 0.58	33.60	27.03	00.262	1448.0							
	ORS	00200	- 0.58	33.605	27.03		1448.0							
	STD	00250	- 0.15	33.78	27.15	00.311	1451.0							
	ORS	00250	- 0.15	33.780	27.15		1451.0							
	ORS	00274	00.05	33.850	27.20		1452.4							
	STD	00300	03.67	34.37	27.34	00.353	1469.5							
	ORS	00300	03.67	34.370	27.34		1469.5							
	ORS	00311	04.47	34.470	27.34		1473.2							
	ORS	00340	01.06	34.100	27.34		1458.5							
	ORS	00368	01.21	34.150	27.37		1451.7							
	STD	00400	01.65	34.25	27.42	00.426	1462.3							
	ORS	00400	01.65	34.250	27.42		1462.3							
	ORS	00415	01.74	34.270	27.43		1463.0							
	ORS	00425	01.50	34.275	27.45		1462.1							
	ORS	00470	02.67	34.450	27.50		1468.2							
	STD	00500	04.96	34.90	27.62	00.487	1479.0							
	ORS	00500	04.96	34.900	27.62		1479.0							
	ORS	00520	05.28	34.985	27.65		1480.7							
	ORS	00570	05.09	34.980	27.67		1480.7							
	ORS	00575	05.15	35.000	27.68		1481.1							
	STD	00600	05.01	34.99	27.69	00.538	1480.9							
	ORS	00600	05.01	34.990	27.69		1480.9							
	STD	00700	04.69	34.97	27.71	00.586	1481.2							
	ORS	00700	04.69	34.970	27.71		1481.2							
	ORS	00753	04.44	34.955	27.72		1481.1							
	STD	00800	04.44	34.96	27.73	00.633	1481.9							
	ORS	00800	04.44	34.965	27.73		1481.9							
	ORS	00828	04.26	34.970	27.76		1481.6							
	ORS	00860	04.26	34.975	27.76		1482.1							
	ORS	00863	04.33	34.965	27.74		1482.5							
	STD	00900	04.34	34.96	27.74	00.679	1483.1							
	ORS	00900	04.34	34.965	27.74		1483.1							
	STD	01000	04.22	34.96	27.75	00.724	1484.3							
	ORS	01000	04.22	34.960	27.75		1484.3							
	ORS	01050	04.17	34.955	27.75		1484.9							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REF ID	31	B296	YEAR	1972	BUTOP	02118	AIR TEMP	08.3	DIR HGT PER	WIND-DIP	07	INST STD	RECORDR	TEN SQ	1307
CONSEC	0154	MONTH	06	SHP EV	WET BULB	07.8	SEA	31	1	2	WIND-SPO	05	TRAC DIR	5	SQUARE
LAT	42 32.0	DAY	15	DATA USE	PAPOMETR	10 31.8	CL/PT	WIND-FW	WEATHER	X1	DURATION	07.3	2	SQUARE	20
LONG	050 17 W	HOUR	02.3	AREA	05	CL/PT	CL/PT	07.3	07.3	111	1	SQUARE	20	1	SQUARE
CSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OPNPTH	SNO VEL	DRYG	PJ4	TOT P	NO2	NO3	SIJ3	P4	
07.0	STD	00000	06.06	32.73	25.78	00.000	1472.3								
	085	00000	06.06	32.730	25.78		1472.3								
	STD	00010	04.07	32.77	25.03	00.021	1466.3								
	085	00010	04.07	32.775	26.03		1466.3								
	085	00015	02.72	32.770	26.15		1453.6								
	STD	00020	02.52	32.82	26.21	00.040	1457.9								
	085	00020	02.52	32.820	26.21		1457.9								
	STD	00030	01.22	32.71	26.22	00.058	1452.2								
	085	00030	01.22	32.715	26.22		1452.2								
	STD	00050	00.27	32.87	26.40	00.093	1448.4								
	085	00050	00.27	32.870	26.40		1448.4								
	085	00060	- 0.88	33.130	26.66		1443.6								
	085	00064	- 1.13	33.155	26.68		1442.5								
	085	00072	- 1.13	33.730	26.75		1442.8								
	STD	00075	- 1.20	33.21	26.73	00.130	1442.5								
	085	00075	- 1.20	33.210	26.73		1442.5								
	085	00085	- 1.61	33.270	26.79		1440.9								
	085	00097	- 0.85	33.440	26.91		1446.8								
	STD	00100	- 0.92	33.46	26.93	00.160	1446.6								
	085	00100	- 0.92	33.465	26.93		1446.6								
	085	00107	- 0.86	33.465	26.93		1446.9								
	085	00108	- 1.15	33.490	26.96		1443.6								
	STD	00125	00.22	33.82	27.16	00.186	1450.7								
	085	00125	00.22	33.820	27.16		1450.7								
	STD	00150	04.30	34.20	27.14	00.209	1460.5								
	085	00150	04.30	34.205	27.14		1460.5								
	085	00160	04.31	34.200	27.14		1460.7								
	STD	00200	07.09	34.75	27.23	00.255	1482.4								
	085	00200	07.09	34.750	27.23		1482.4								
	085	00209	07.09	34.750	27.23		1482.5								
	085	00220	06.78	34.710	27.24		1481.4								
	085	00230	06.83	34.750	27.27		1481.8								
	STD	00250	05.73	34.58	27.28	00.298	1477.5								
	085	00250	05.73	34.580	27.28		1477.5								
	085	00265	03.24	34.250	27.29		1467.0								
	085	00290	03.45	34.365	27.36		1468.4								
	STD	00400	03.49	34.38	27.37	00.337	1468.8								
	085	00400	03.49	34.380	27.37		1468.8								
	085	00412	03.55	34.390	27.37		1469.3								
	085	00325	01.54	34.220	27.40		1460.7								
	085	00340	01.27	34.190	27.40		1459.3								
	085	00347	01.22	34.230	27.41		1459.5								
	085	00380	02.06	34.470	27.56		1466.1								
	STD	00500	02.12	34.47	27.56	00.402	1466.7								
	085	00400	02.12	34.470	27.56		1466.7								
	085	00410	02.56	34.580	27.61		1466.9								
	085	00440	03.05	34.615	27.60		1469.5								
	085	00450	03.71	34.680	27.58		1472.6								
	085	00455	03.87	34.680	27.57		1473.6								
	085	00462	03.16	34.690	27.64		1470.5								
	085	00490	03.89	34.750	27.62		1476.1								
	STD	00500	04.52	34.89	27.66	00.454	1477.1								
	085	00500	04.52	34.890	27.66		1477.1								
	085	00505	04.52	34.850	27.63		1477.1								
	085	00520	04.57	34.910	27.67		1477.7								
	085	00548	04.39	34.870	27.66		1477.2								
	085	00548	04.30	34.930	27.64		1476.9								
	085	00558	04.30	34.865	27.67		1477.1								
	085	00565	04.39	34.885	27.67		1477.6								
	085	00570	04.24	34.830	27.65		1477.0								
	085	00582	04.17	34.855	27.67		1477.0								
	085	00584	04.25	34.870	27.68		1477.4								
	STD	00600	04.02	34.85	27.69	00.503	1476.6								
	085	00600	04.02	34.850	27.69		1476.6								
	085	00610	04.05	34.850	27.68		1476.9								
	085	00640	04.35	34.905	27.69		1478.8								
	085	00650	04.11	34.865	27.69		1477.9								
	085	00660	04.17	34.900	27.71		1478.3								
	085	00670	04.14	34.900	27.71		1478.4								
	085	00690	04.37	34.970	27.74		1479.8								
	STD	00700	04.35	34.94	27.72	00.549	1479.8								
	085	00700	04.35	34.940	27.72		1479.8								
	085	00707	04.35	34.930	27.71		1479.9								
	085	00715	04.21	34.895	27.70		1479.4								
	085	00740	04.39	34.950	27.73		1480.6								
	085	00752	04.29	34.925	27.72		1480.4								
	085	00778	04.32	34.920	27.71		1480.9								
	STD	00800	04.23	34.94	27.74	00.595	1481.0								
	085	00800	04.23	34.945	27.74		1481.0								
	085	00810	04.17	34.930	27.73		1480.9								
	085	00835	04.17	34.925	27.73		1481.3								
	085	00850	04.15	34.930	27.74		1481.4								
	085	00881	04.17	34.940	27.74		1482.1								
	085	00890	04.22	34.950	27.74		1482.4								
	STD	00900	04.22	34.95	27.74	00.641	1482.6								
	085	00900	04.22	34.950	27.74		1482.6								
	085	00940	04.22	34.960	27.75		1483.3								
	STD	01000	04.11	34.95	27.76	00.685	1483.8								
	085	01000	04.11	34.950	27.76		1483.8								
	085	01050	04.05	34.945	27.76		1484.4								

TABLE XIII.- Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31 8296. -Continued

REF ID: A18296 YEAR: 1972 HULL NO: 03036 AIR TEMP: 10.6 DIR HGT PER: WIND-DIR: 05 INST STD RECORDER: TEN SQ 1306
 COMSEC: D155 MONTH: 06 SHIP EV: MET AULB: 08.9 WET SPO: 09 TRACE DIR: 0 5 SQUARE 2
 LAT: 42 52 N DAY: 16 DATA USE: 1 BAROMETR: 1023.4 SFA: WIND-FDR: 07.2 2 SQUARE 28
 LONG: 048 36 W HOUR: 00.9 AREA: 05 CLOUD TZA: CLZTH: WEATHER: X2 ORIG HIP: 111 1 SQUARE 28

CASINUM/TIME	LVL/TP	DEPTH	TEMP	SAL	SIGMA-T	DYN DPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	S103	P4
00.9	STD	00000	11.78	33.44	25.44	00.000	1494.7							
	ONS	00007	11.74	33.440	25.44		1494.7							
	STD	00110	09.98	33.81	26.05	00.023	1489.0							
	ONS	00010	09.98	33.810	26.05		1489.0							
	STD	00020	01.99	33.11	26.48	00.040	1455.9							
	ONS	00020	01.98	33.110	26.48		1455.9							
	STD	00030	03.89	33.39	26.54	00.056	1466.7							
	ONS	00030	03.89	33.39	26.54		1466.7							
	STD	00050	05.18	33.77	26.86	00.083	1471.2							
	ONS	00050	05.18	33.770	26.86		1471.2							
	ONS	00060	04.56	34.260	27.16		1469.2							
	STD	00075	05.28	34.36	27.16	00.109	1472.6							
	ONS	00075	05.28	34.365	27.16		1472.6							
	ONS	00090	05.41	34.395	27.17		1473.4							
	STD	00100	05.29	34.37	27.17	00.132	1473.0							
	ONS	00100	05.29	34.370	27.17		1473.0							
	ONS	00120	05.58	34.440	27.18		1474.6							
	STD	00125	05.13	34.46	27.25	00.154	1472.9							
	ONS	00125	05.13	34.460	27.25		1472.9							
	ONS	00130	05.38	34.480	27.24		1474.0							
	STD	00150	04.78	34.44	27.28	00.175	1471.8							
	ONS	00150	04.78	34.440	27.28		1471.8							
	ONS	00165	05.00	34.520	27.32		1473.1							
	ONS	00175	04.72	34.490	27.32		1472.1							
	STD	00200	05.41	34.66	27.38	00.214	1475.5							
	ONS	00200	05.41	34.660	27.38		1475.5							
	ONS	00207	05.41	34.685	27.40		1475.7							
	ONS	00211	05.86	34.780	27.42		1477.7							
	ONS	00220	06.11	34.870	27.46		1479.0							
	ONS	00230	06.11	34.845	27.44		1479.1							
	STD	00250	05.75	34.79	27.44	00.249	1477.9							
	ONS	00250	05.75	34.790	27.44		1477.9							
	STD	00300	05.51	34.88	27.54	00.281	1477.5							
	ONS	00300	05.51	34.880	27.54		1477.9							
	ONS	00311	05.42	34.890	27.56		1477.7							
	ONS	00321	05.42	34.920	27.58		1477.9							
	ONS	00328	05.46	34.930	27.59		1478.2							
	ONS	00350	05.15	34.910	27.61		1477.3							
	STD	00400	05.10	34.96	27.65	00.336	1478.0							
	ONS	00400	05.10	34.960	27.65		1478.0							
	ONS	00410	05.10	34.970	27.66		1478.1							
	ONS	00440	05.01	34.990	27.69		1478.3							
	STD	00500	04.78	34.98	27.71	00.384	1478.3							
	ONS	00500	04.78	34.980	27.71		1478.3							
	ONS	00530	04.73	34.975	27.71		1478.6							
	ONS	00590	04.51	34.965	27.72		1478.7							
	STD	00600	04.51	34.98	27.74	00.428	1478.9							
	ONS	00600	04.51	34.980	27.74		1478.9							
	ONS	00606	04.48	34.960	27.72		1478.8							
	ONS	00632	04.48	34.975	27.74		1479.3							
	ONS	00650	04.52	34.990	27.74		1479.7							
	ONS	00668	04.52	34.990	27.74		1480.0							
	STD	00700	04.29	34.95	27.74	00.472	1479.6							
	ONS	00700	04.29	34.950	27.74		1479.6							
	ONS	00743	04.29	34.965	27.75		1480.3							
	ONS	00750	04.21	34.950	27.75		1480.1							
	STD	00800	04.19	34.96	27.76	00.516	1480.8							
	ONS	00800	04.19	34.960	27.76		1480.8							
	ONS	00880	03.99	34.935	27.76		1481.3							
	STD	00900	03.98	34.93	27.76	00.559	1481.6							
	ONS	00900	03.98	34.935	27.76		1481.6							
	ONS	00905	03.98	34.935	27.76		1481.7							
	ONS	00920	03.91	34.925	27.76		1481.6							
	STD	01000	03.87	34.92	27.76	00.603	1482.8							
	ONS	01000	03.87	34.920	27.76		1482.8							
	ONS	01028	03.85	34.935	27.77		1483.2							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NOIC Listing No. 31-8296.—Continued

REFID 31 8296	YEAR 1972	BOTDP 02483	AIR TEMP 12.2	OIR HGT PER	WIND-DIR 05	INST STD RECORDER	TEN SQ 1306
CONSEC 0156	MONTH 05	SHIP EV	MET RULR 11.1	00 0 X	WIND-SPO 09	TRACF DIR)	5 SQUARE 2
LAT 43 03.5N	DAY 16	DATA USE 1	BAROMETR 1029.1	SEA	WIND-FJR	DURATION 01.2	2 SQUARE 28
LONG 048 42.0W	HOUR 03.2	AREA 05	CLOUD T/A	CL/TR	WEATHE X2	ORIG TIP 111	1 SQUARE 38

CASNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	UNDPHT	SND VEL	OXYG	PJ*	TOT P	NO2	NO3	SiO3	PH
03.2	STO	00000	04.57	32.48	25.75	00.000	1465.9							
	OBS	00000	04.57	32.479	25.75		1465.9							
	STO	00010	02.48	32.56	26.01	00.021	1457.2							
	OBS	00010	02.48	32.560	26.01		1457.2							
	STO	00020	02.07	32.86	26.28	00.040	1456.0							
	OBS	00020	02.07	32.860	26.28		1456.0							
	STO	00030	00.23	33.01	26.52	00.057	1448.1							
	OBS	00030	00.23	33.015	26.52		1448.1							
	OBS	00040	00.15	33.240	26.70		1448.2							
	OBS	00045	00.92	33.360	26.76		1451.9							
	STO	00050	00.42	33.47	26.87	00.084	1449.9							
	OBS	00050	00.42	33.470	26.87		1449.9							
	OBS	00060	00.53	33.665	27.02		1450.8							
	OBS	00066	00.11	33.640	27.03		1449.0							
	STO	00075	00.38	33.75	27.10	00.111	1450.5							
	OBS	00075	00.38	33.750	27.10		1450.5							
	STO	00100	01.68	34.12	27.31	00.133	1457.3							
	OBS	00100	01.68	34.120	27.31		1457.3							
	OBS	00105	01.75	34.095	27.29		1457.6							
	STO	00125	04.45	34.58	27.43	00.151	1470.2							
	OBS	00141	04.95	34.630	27.41		1472.6							
	OBS	00147	04.76	34.570	27.38 *		1471.9							
	STO	00150	04.93	34.66	27.44	00.167	1472.7							
	OBS	00150	04.93	34.660	27.44		1472.7							
	OBS	00170	04.62	34.560	27.39 *		1471.7							
	OBS	00175	04.95	34.745	27.50		1473.3							
	STO	00200	04.73	34.70	27.49	00.200	1472.8							
	OBS	00200	04.73	34.700	27.49		1472.8							
	OBS	00220	04.73	34.715	27.50		1473.1							
	OBS	00240	05.31	34.870	27.56		1476.1							
	STO	00250	05.30	34.88	27.57	00.230	1476.2							
	OBS	00250	05.30	34.880	27.57		1476.2							
	OBS	00270	05.44	34.940	27.60		1477.2							
	STO	00300	05.20	34.93	27.62	00.257	1476.7							
	OBS	00300	05.20	34.930	27.62		1476.7							
	OBS	00333	05.06	34.940	27.64		1476.7							
	STO	00400	03.48	34.75	27.67	00.306	1470.9							
	OBS	00400	03.48	34.755	27.67		1470.9							
	OBS	00485	04.20	34.920	27.72		1475.6							
	STO	00500	04.18	34.89	27.70	00.352	1475.7							
	OBS	00500	04.18	34.890	27.70		1475.7							
	OBS	00510	04.08	34.890	27.71		1475.5							
	OBS	00530	04.08	34.900	27.72		1476.6							
	STO	00600	04.13	34.92	27.73	00.397	1477.2							
	OBS	00600	04.13	34.920	27.73		1477.2							
	OBS	00630	04.35	34.960	27.74		1478.7							
	OBS	00660	04.33	34.950	27.73		1479.1							
	OBS	00670	04.21	34.935	27.73		1478.7							
	STO	00700	04.20	34.94	27.74	00.440	1479.2							
	OBS	00700	04.20	34.945	27.74		1479.2							
	OBS	00710	04.26	34.960	27.75		1479.6							
	STO	00800	04.25	34.95	27.74	00.484	1481.1							
	OBS	00800	04.25	34.950	27.74		1481.1							
	STO	00900	04.15	34.95	27.75	00.529	1482.3							
	OBS	00900	04.15	34.950	27.75		1482.3							
	STO	01000	04.02	34.93	27.75	00.573	1483.4							
	OBS	01000	04.02	34.935	27.75		1483.4							
	OBS	01033	03.98	34.935	27.76		1483.8							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972—18 June 1972, Prepared from NODC Listing No. 31-8296.—(Continued)

REFID 31 8296 YEAR 1972 BOTOP 00836 AIR TEMP 11.1 OIR HGT PER WIND-DIR 35 INST STD RECORDER TEN SQ 1306
 CONSEC 0157 MONTH 06 SHIP EV WET RULB 10.6 00 0 X WIND-SPD 04 TRACE DIR 3 5 SQUARE 2
 LAT 43 15.5N DAY 16 DATA USE 1 BAROMETR 1028.4 SEA WIND-FJR DURATION 00.2 2 SQUARE 28
 LONG 049 23.5W HOUR 07.4 AREA 05 CLOUD T/4 CL/TR WEATHER X5 ORIG IIP 111 1 SQUARE 39

CASNUM/TIME	LVLTY	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SDO VEL	DRYG	P34	TOT P	NO2	NO3	SI33	PH
07.4	STD	00000	05.15	32.65	25.82	00.000	1468.5							
	D8S	00000	05.15	32.650	25.82		1468.5							
	STD	00010	01.98	32.61	26.08	00.021	1455.1							
	D8S	00010	01.98	32.610	26.08		1455.1							
	STD	00020	-0.67	32.70	26.30	00.039	1443.3							
	D8S	00020	-0.67	32.700	26.30		1443.3							
	STD	00030	-1.09	33.03	26.58	00.055	1442.0							
	D8S	00030	-1.09	33.030	26.58		1442.0							
	D8S	00040	-1.56	33.120	26.67		1440.1							
	STD	00050	-1.55	33.27	26.79	00.082	1440.5							
	D8S	00050	-1.55	33.270	26.79		1440.5							
	D8S	00060	-1.51	33.270	26.79		1440.8							
	D8S	00070	-1.57	33.275	26.79		1440.7							
	STD	00075	-1.50	33.32	26.83	00.113	1441.2							
	D8S	00075	-1.50	33.320	26.83		1441.2							
	STD	00100	-1.25	33.41	26.89	00.143	1442.9							
	D8S	00100	-1.25	33.410	26.89		1442.9							
	STD	00125	-0.77	33.51	26.96	00.171	1445.7							
	D8S	00125	-0.77	33.515	26.96		1445.7							
	STD	00150	-0.39	33.63	27.04	00.198	1443.1							
	D8S	00150	-0.39	33.625	27.04		1448.1							
	STD	00200	00.13	33.80	27.15	00.247	1451.5							
	D8S	00200	00.13	33.800	27.15		1451.5							
	D8S	00210	00.33	33.860	27.19		1452.7							
	STD	00250	00.55	33.96	27.26	00.290	1454.5							
	D8S	00250	00.55	33.965	27.26		1454.5							
	STD	00300	00.74	34.07	27.34	00.329	1456.3							
	D8S	00300	00.74	34.070	27.34		1456.3							
	D8S	00312	01.64	34.130	27.32		1460.6							
	D8S	00333	01.33	34.190	27.39		1459.7							
	D8S	00360	02.37	34.490	27.56		1465.1							
	STD	00400	03.01	34.56	27.56	00.395	1468.6							
	D8S	00400	03.01	34.560	27.56		1468.6							
	D8S	00425	03.24	34.630	27.59		1470.1							
	D8S	00479	03.31	34.685	27.63		1471.4							
	STD	00500	03.45	34.72	27.64	00.449	1472.4							
	D8S	00500	03.45	34.725	27.64		1472.4							
	D8S	00579	03.89	34.850	27.70		1475.7							
	STD	00600	03.90	34.84	27.69	00.497	1476.1							
	D8S	00600	03.90	34.840	27.69		1476.1							
	D8S	00615	03.90	34.845	27.69		1476.4							
	STD	00700	04.01	34.88	27.71	00.543	1478.3							
	D8S	00700	04.01	34.875	27.71		1478.3							
	STD	00800	04.05	34.89	27.72	00.590	1480.1							
	D8S	00800	04.05	34.895	27.72		1480.1							
	D8S	00810	04.05	34.900	27.72		1480.3							

REFID 31 8296 YEAR 1972 BOTOP 00240 AIR TEMP 11.1 OIR HGT PER WIND-DIR 01 INST STD RECORDER TEN SQ 1306
 CONSEC 0158 MONTH 06 SHIP EV WET RULB 10.6 10 0 2 WIND-SPD 04 TRACE DIR 3 5 SQUARE 2
 LAT 43 18.5N DAY 16 DATA USE 1 BAROMETR 1028.4 SEA WIND-FJR DURATION 00.1 2 SQUARE 28
 LONG 049 24.5W HOUR 09.4 AREA 05 CLOUD T/4 CL/TR WEATHER X5 ORIG IIP 111 1 SQUARE 39

CASNUM/TIME	LVLTY	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SDO VEL	DRYG	P34	TOT P	NO2	NO3	SI33	PH
09.4	STD	00000	04.32	32.63	25.89	00.000	1465.0							
	D8S	00000	04.32	32.625	25.89		1465.0							
	STD	00010	03.38	32.62	25.98	00.021	1461.2							
	D8S	00010	03.38	32.620	25.98		1461.2							
	STD	00020	02.42	32.70	26.13	00.040	1457.3							
	D8S	00020	02.42	32.705	26.13		1457.3							
	STD	00030	-0.22	32.66	26.25	00.059	1445.5							
	D8S	00030	-0.22	32.660	26.25		1445.5							
	STD	00050	-1.05	32.93	26.50	00.092	1442.4							
	D8S	00050	-1.05	32.930	26.50		1442.4							
	STD	00075	-1.47	33.05	26.61	00.129	1441.0							
	D8S	00075	-1.47	33.055	26.61		1441.0							
	D8S	00085	-1.56	33.125	26.67		1440.8							
	STD	00100	-1.58	33.22	26.75	00.163	1441.1							
	D8S	00100	-1.58	33.225	26.75		1441.1							
	D8S	00108	-1.58	33.245	26.77		1441.3							
	STD	00125	-1.37	33.32	26.82	00.195	1442.6							
	D8S	00125	-1.37	33.320	26.82		1442.6							
	STD	00150	-1.19	33.36	26.85	00.225	1444.0							
	D8S	00150	-1.19	33.360	26.85		1444.0							
	D8S	00161	-1.14	33.395	26.88		1444.4							
	D8S	00170	00.08	33.710	27.08		1451.0							
	STD	00200	00.19	33.79	27.15	00.278	1451.7							
	D8S	00200	00.18	33.795	27.15		1451.7							
	D8S	00217	00.39	33.900	27.22		1453.1							
	D8S	00238	00.49	33.925	27.23		1454.0							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972—18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296 YEAR 1972 BOTDP 00078 AIR TEMP 10.0 OIR HGT PER WIND-DIR 25 INST STD RECORDER TEN SQ 1306
 CONSEC 0159 MONTH 04 SHIP EV WET BULB 09.4 10 0 2 WIND-SPD 05 TRACE OIR 0 5 SQUARE 2
 LAT 43 20.0N DAY 15 DATA USE 1 BAROMETR 1028.4 SEA WIND-FJR DURATION 2 SQUARE 28
 LONG 049 34.0W HOUR 10.1 AREA 05 CLOUD T/A CL/TR WEATHER X1 ORIG IIP 111 1 SQUARE 39

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYN DPTH	SNO VEL	OXYG	P34	TOT P	NO2	NO3	SI33	PH
10.1	STD	00000	06.80	32.81	25.74	00.000	1475.4							
	08S	00000	06.80	32.810	25.74		1475.4							
	08S	00002	07.60	32.890	25.70 *		1478.7							
	08S	00005	06.94	32.680	25.62 *		1475.9							
	STD	00010	06.85	32.81	25.74	00.023	1475.7							
	08S	00010	06.85	32.810	25.74		1475.7							
	08S	00017	05.53	32.760	25.86		1470.5							
	STD	00020	04.35	32.68	25.93	00.044	1465.5							
	08S	00020	04.35	32.685	25.93		1465.5							
	08S	00025	02.33	32.580	26.03		1450.8							
	STD	00030	01.40	32.78	26.26	00.064	1453.0							
	08S	00030	01.40	32.780	26.26		1453.0							
	08S	00035	00.79	32.955	26.44		1450.6							
	08S	00040	00.03	32.900	26.43		1447.2							
	08S	00045	- 0.05	32.990	26.51		1447.0							
	STD	00050	- 0.24	33.09	26.60	00.096	1446.4							
	08S	00053	- 0.33	33.140	26.64		1446.1							
STD	00075	- 0.52	33.20	26.70	00.131	1445.6								
08S	00075	- 0.52	33.200	26.70		1445.6								

REFID 31 8296 YEAR 1972 BOTDP 00060 AIR TEMP 10.6 OIR HGT PER WIND-DIR 25 INST STD RECORDER TEN SQ 1306
 CONSEC 0160 MONTH 06 SHIP EV WET BULB 10.0 00 0 X WIND-SPD 05 TRACE OIR 0 5 SQUARE 2
 LAT 43 22.5N DAY 16 DATA USE 1 BAROMETR 1028.8 SEA WIND-FJR DURATION 2 SQUARE 28
 LONG 049 39.0W HOUR 10.8 AREA 05 CLOUD T/A CL/TR WEATHER X1 ORIG IIP 111 1 SQUARE 39

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYN DPTH	SNO VEL	OXYG	P34	TOT P	NO2	NO3	SI33	PH
10.8	STD	00000	10.51	32.75	25.13	00.000	1489.4							
	08S	00000	10.51	32.750	25.13		1489.4							
	STD	00010	08.48	32.74	25.45	00.027	1482.0							
	08S	00010	08.48	32.740	25.45		1482.0							
	STD	00020	02.25	32.66	26.10	00.049	1456.5							
	08S	00020	02.25	32.660	26.10		1456.5							
	STD	00030	01.73	32.90	26.34	00.067	1454.7							
	08S	00030	01.73	32.905	26.34		1454.7							
	STD	00050	01.14	32.96	26.42	00.100	1452.5							
08S	00050	01.14	32.960	26.42		1452.5								

TABLE XIII-- Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972 18 June 1972, Prepared from NOIOC Listing No. 31-S296. (Continued)

REF ID: 31 8296 YEAR: 1972 BOTOP: 00183 AIR TEMP: 12.2 DIR HGT PER: WIND-DIR: 25 INST STD RECORDER: TEN SQ: 1306
 CUR SEC: 0161 MONTH: 04 SHIP EV: WET BULB: 10.6 WIND-SPO: 15 TRACE DIR: 0 5 SQUARE: 2
 LAT: 44 36.5N DAY: 16 DATA USE: 1 BAROMETR: 1027.1 SEA: WIND-FOR: DURATION: 00.1 2 SQUARE: 48
 LONG: 048 57.0W HOUR: 18.0 AREA: 05 CLOUD: T/A CL/TR: WEATHER: X1 ORIG IIP: 111 1 SQUARE: 48

CASINO/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SNO VEL	TXYG	P14	TOT P	NO2	NO3	SI33	P4
18.0	STD	00000	06.05	32.71	25.77	00.000	1472.3							
	OBS	00000	06.05	32.715	25.77		1472.3							
	STD	00010	03.54	32.34	25.74	00.023	1461.5							
	OBS	00013	02.98	32.260	25.73		1459.0							
	STD	00020	02.38	32.18	25.71	00.045	1456.4							
	STD	00030	01.94	32.16	25.75	00.068	1452.8							
	OBS	00040	01.94	32.160	25.75		1452.8							
	STD	00050	- 0.83	32.82	26.41	00.107	1443.3							
	OBS	00070	- 1.74	33.175	26.72		1439.8							
	STD	00075	- 1.74	33.21	26.75	00.143	1439.9							
	OBS	00075	- 1.74	33.215	26.75		1439.9							
	OBS	00088	- 1.69	33.295	26.81		1440.5							
	OBS	00095	- 1.71	33.310	26.83		1440.5							
	STD	00100	- 1.55	33.38	26.88	00.174	1441.5							
	OBS	00100	- 1.55	33.380	26.88		1441.5							
	STD	00125	- 1.17	33.44	26.92	00.203	1443.8							
	OBS	00125	- 1.17	33.440	26.92		1443.8							
	OBS	00140	- 1.17	33.450	26.92		1444.0							
	STD	00150	- 1.10	33.46	26.93	00.232	1444.5							
	OBS	00150	- 1.10	33.465	26.93		1444.5							
	OBS	00161	- 0.90	33.510	26.96		1445.7							

REF ID: 31 8296 YEAR: 1972 BOTOP: 01062 AIR TEMP: 12.2 DIR HGT PER: WIND-DIR: 25 INST STD RECORDER: TEN SQ: 1306
 CUR SEC: 0162 MONTH: 05 SHIP EV: WET BULB: 10.6 WIND-SPO: 09 TRACE DIR: 0 5 SQUARE: 2
 LAT: 44 34.5N DAY: 16 DATA USE: 1 BAROMETR: 1027.0 SEA: WIND-FOR: DURATION: 00.2 2 SQUARE: 48
 LONG: 048 50.0W HOUR: 18.7 AREA: 05 CLOUD: T/A CL/TR: WEATHER: X1 ORIG IIP: 111 1 SQUARE: 48

CASINO/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SNO VEL	TXYG	P14	TOT P	NO2	NO3	SI33	P4
18.7	STD	00000	05.61	32.61	25.74	00.000	1470.3							
	OBS	00000	05.61	32.615	25.74		1470.3							
	STD	00010	03.14	32.37	25.80	00.022	1459.8							
	STD	00020	00.98	32.36	25.95	00.044	1450.4							
	OBS	00020	00.98	32.360	25.95		1450.4							
	STD	00030	- 0.84	32.51	26.15	00.063	1442.4							
	OBS	00032	- 1.20	32.640	26.27		1441.0							
	OBS	00033	- 1.04	32.720	26.33		1441.8							
	STD	00050	- 1.42	33.10	26.65	00.096	1440.9							
	OBS	00050	- 1.42	33.105	26.65		1440.9							
	OBS	00059	- 1.59	33.160	26.70		1440.3							
	OBS	00060	- 1.35	33.360	26.86		1441.8							
	STD	00075	- 1.24	33.32	26.83	00.129	1442.4							
	OBS	00075	- 1.24	33.325	26.83		1442.4							
	OBS	00083	- 1.12	33.460	26.93		1443.3							
	STD	00100	- 1.22	33.45	26.93	00.158	1443.1							
	OBS	00100	- 1.22	33.450	26.93		1443.1							
	STD	00125	- 0.69	33.55	26.99	00.186	1446.2							
	OBS	00125	- 0.69	33.550	26.99		1446.2							
	STD	00150	- 0.59	33.59	27.07	00.212	1447.1							
	OBS	00150	- 0.59	33.590	27.07		1447.1							
	STD	00200	- 0.07	33.83	27.19	00.261	1450.6							
	OBS	00200	- 0.07	33.830	27.19		1450.6							
	STD	00250	00.12	33.91	27.24	00.304	1452.5							
	OBS	00250	00.12	33.910	27.24		1452.5							
	STD	00300	00.59	34.05	27.33	00.343	1455.6							
	OBS	00300	00.59	34.055	27.33		1455.6							
	OBS	00320	00.61	34.070	27.34		1456.1							
	STD	00400	02.18	34.50	27.58	00.408	1465.0							
	OBS	00400	02.18	34.500	27.58		1465.0							
	STD	00500	03.80	34.83	27.69	00.458	1474.0							
	OBS	00500	03.80	34.830	27.69		1474.0							
	OBS	00500	03.98	34.870	27.71		1476.7							
	STD	00500	03.97	34.880	27.72	00.503	1476.5							
	OBS	00500	03.97	34.880	27.72		1476.5							
	STD	00700	04.00	34.89	27.72	00.548	1478.3							
	OBS	00700	04.00	34.890	27.72		1478.3							
	STD	00700	04.05	34.91	27.73	00.593	1480.2							
	OBS	00700	04.05	34.910	27.73		1480.2							
	STD	00900	04.06	34.91	27.73	00.639	1481.9							
	OBS	00900	04.06	34.910	27.73		1481.9							
	STD	01000	04.05	34.91	27.73	00.686	1483.5							
	OBS	01000	04.05	34.910	27.73		1483.5							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296	YEAR 1972	ROTOP 01920	AIR TEMP 17.6	OIR HGT PER	#IND-SIP 23	INST STD RECORDER	FEN SQ 1306
CONSEC 0163	MONTH 05	SHIP EV	WFT BULB 08.9	26 2 2	#IND-SPO 21	TRACE OIR	5 SQUARE 2
LAT 44 32.5N	DAY 16	DATA USE 1	BAROMETR 1026.8	SEA	#IND-FJR	DURATION 03.3	2 SQUARE 48
LONG 048 39.5W	HOHR 20-2	AREA 05	CLOUD T/A	CL/TR	WEATHER XL	ORIG IIP 111	1 SQUARE 48

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	OXYG	P14	TOT P	N02	N03	S133	P4
20.2	STO	00000	03.56	32.30	25.71	00.000	1461.4							
	08S	00000	03.56	32.305	25.71		1461.4							
	08S	00005	03.59	32.300	25.70		1461.6							
	STO	00010	03.15	32.31	25.75	00.023	1459.8							
	STO	00020	01.88	32.33	25.87	00.045	1454.4							
	08S	00020	01.88	32.330	25.87		1454.4							
	STO	00030	00.09	32.52	25.13	00.065	1446.7							
	08S	00030	00.08	32.525	25.13		1446.7							
	08S	00035	- 0.38	32.840	26.40		1445.1							
	08S	00039	- 0.25	33.090	26.60		1446.1							
	08S	00040	- 0.64	33.070	26.60		1444.3							
	08S	00046	- 0.34	33.060	26.58		1445.8							
	STO	00050	- 0.92	33.18	26.70	00.097	1443.3							
	08S	00050	- 0.92	33.180	26.70		1443.3							
	08S	00056	- 1.03	33.275	26.78		1443.0							
	08S	00060	- 0.90	33.320	26.81		1443.8							
	08S	00065	- 1.08	33.280	26.78		1443.0							
	STO	00075	- 0.82	33.43	26.90	00.129	1444.6							
	08S	00075	- 0.82	33.430	26.90		1444.6							
	08S	00078	- 0.89	33.450	26.91		1444.3							
	08S	00081	- 0.86	33.485	26.94		1444.6							
	08S	00089	- 0.92	33.500	26.96		1444.4							
	STO	00100	- 0.37	33.70	27.10	00.155	1447.4							
	08S	00100	- 0.37	33.705	27.10		1447.4							
	STO	00125	00.31	33.73	27.09	00.180	1451.0							
	08S	00125	00.31	33.730	27.09		1451.0							
	STO	00150	- 0.28	33.84	27.21	00.203	1448.9							
	08S	00150	- 0.28	33.840	27.21		1448.9							
	STO	00200	00.41	34.07	27.36	00.243	1453.2							
	08S	00200	00.41	34.070	27.36		1453.2							
	08S	00218	00.45	34.095	27.37		1453.7							
	STO	00250	01.25	34.27	27.46	00.277	1458.1							
	08S	00250	01.25	34.270	27.46		1458.1							
	STO	00300	02.02	34.45	27.55	00.307	1462.5							
	08S	00300	02.02	34.450	27.55		1462.5							
	STO	00400	03.64	34.81	27.69	00.357	1471.7							
	08S	00400	03.64	34.810	27.69		1471.7							
	STO	00500	04.05	34.86	27.69	00.402	1475.1							
	08S	00500	04.05	34.860	27.69		1475.1							
	08S	00522	04.20	34.910	27.71		1476.2							
	08S	00530	04.12	34.870	27.69		1475.9							
	08S	00545	04.35	34.940	27.72		1477.2							
	STO	00600	04.28	34.93	27.72	00.448	1477.8							
	08S	00600	04.28	34.930	27.72		1477.8							
	08S	00690	04.16	34.930	27.74		1478.8							
	STO	00700	04.24	34.95	27.74	00.492	1479.4							
	08S	00700	04.24	34.950	27.74		1479.4							
	08S	00758	04.27	34.950	27.74		1480.4							
	STO	00800	04.17	34.93	27.74	00.536	1480.7							
	08S	00800	04.17	34.935	27.74		1480.7							
	08S	00818	04.10	34.930	27.74		1480.7							
	STO	00900	04.04	34.90	27.72	00.582	1481.8							
	STO	01000	03.99	34.86	27.70	00.630	1483.2							
	08S	01000	03.99	34.860	27.70		1483.2							
	08S	01060	03.98	34.920	27.75		1484.2							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

OFFID 31 8296 YEAR 1972 SOTOP 03076 AIR TEMP 10.0 OIR HGT PER WIND-DIR 24 INST STO RECO'DFR TEN SQ 1306
 C INSEC 0164 MONTH 06 SHIP EV WLT RULR 09.4 26 2 4 WIND-SPO 18 TRACE OIR 0 5 SQUARE 2
 LAT 44 27.4N DAY 1F DATA USE 1 BAROMETR 1027.8 SFA WIND-FIR DIRPATION 00.3 2 SQUARE 48
 LONG 048 20.0W DAY 22.5 AREA 05 CLOUD T/A CL/TR WEATHER XL ORIG IIP 111 1 SQUARE 48

CASIDUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	XYG	P34	TOT P	N02	N03	S103	P4
22.5	STD	00000	06.60	32.66	25.65	00.000	1474.4							
	DRS	00000	06.60	32.660	25.65		1474.4							
	STD	00010	04.93	32.77	25.94	00.022	1467.9							
	DRS	00010	04.93	32.770	25.94		1467.9							
	STD	00020	03.23	32.76	26.26	00.041	1461.2							
	DRS	00020	03.23	32.960	26.26		1461.2							
	STD	00030	01.89	33.24	26.59	00.057	1455.9							
	DRS	00030	01.89	33.240	26.59		1455.9							
	STD	00050	00.64	33.46	26.85	00.084	1450.9							
	DRS	00050	00.64	33.460	26.85		1450.9							
	DRS	00060	00.42	33.835	27.17		1450.7							
	STD	00075	00.73	33.96	27.25	00.110	1452.4							
	DRS	00075	00.73	33.960	27.25		1452.4							
	DRS	00080	01.17	34.100	27.33		1454.8							
	STD	00100	00.96	34.11	27.35	00.129	1454.1							
	DRS	00100	00.96	34.110	27.35		1454.1							
	DRS	00111	01.16	34.240	27.45		1455.3							
	STD	00125	01.28	34.30	27.49	00.145	1456.2							
	DRS	00125	01.28	34.300	27.49		1456.2							
	STD	00150	02.40	34.44	27.51	00.161	1461.7							
	DRS	00150	02.40	34.440	27.51		1461.7							
	DRS	00170	03.45	34.620	27.56		1466.8							
	DRS	00176	03.28	34.580	27.55		1466.1							
	STD	00200	03.15	34.59	27.57	00.189	1466.0							
	DRS	00200	03.15	34.590	27.57		1466.0							
	DRS	00217	02.67	34.560	27.59		1464.2							
	DRS	00225	03.03	34.640	27.62		1466.0							
	STD	00250	03.78	34.77	27.65	00.215	1469.7							
	DRS	00250	03.78	34.775	27.65		1469.7							
	DRS	00290	04.75	34.940	27.68		1474.7							
	STD	00300	04.60	34.90	27.66	00.238	1474.2							
	DRS	00300	04.60	34.900	27.66		1474.2							
	DRS	00338	04.33	34.880	27.68		1473.6							
	DRS	00356	04.37	34.910	27.70		1474.1							
	DRS	00380	04.24	34.900	27.70		1474.0							
	DRS	00390	04.28	34.910	27.71		1474.3							
	STD	00400	04.23	34.89	27.70	00.284	1474.3							
	DRS	00400	04.23	34.895	27.70		1474.3							
	DRS	00450	04.18	34.900	27.71		1474.9							
	STD	00500	04.23	34.92	27.72	00.328	1476.0							
	DRS	00500	04.23	34.920	27.72		1476.0							
	DRS	00525	04.28	34.945	27.73		1476.6							
	STD	00600	04.10	34.92	27.73	00.372	1477.1							
	DRS	00600	04.10	34.920	27.73		1477.1							
	DRS	00625	04.17	34.930	27.73		1477.8							
	DRS	00647	04.12	34.920	27.73		1477.9							
	DRS	00665	04.17	34.940	27.74		1478.5							
	STD	00700	04.14	34.94	27.75	00.415	1478.9							
	DRS	00700	04.14	34.940	27.75		1478.9							
	DRS	00760	04.08	34.930	27.74		1479.7							
	DRS	00782	04.12	34.940	27.75		1480.2							
	STD	00800	04.08	34.93	27.74	00.459	1480.3							
	DRS	00800	04.08	34.930	27.74		1480.3							
	STD	00900	03.99	34.92	27.75	00.503	1481.6							
	DRS	00900	03.99	34.920	27.75		1481.6							
	STD	01000	03.98	34.92	27.75	00.548	1483.2							
	DRS	01000	03.99	34.925	27.75		1483.2							
	DRS	01024	04.00	34.940	27.76		1483.7							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972—18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REF ID: 31 8296 YEAR 1972 HULL# 03384 AIR TEMP 11.7 DIR HGT PER WIND-DIR 24 INST STD RECORDER TFM SO 1306
 CONSEC 0165 MONTH 05 SHIP EV WFT BULR 10.6 22 1 3 WIND-SPO 12 TRACE DIR 3 5 SQUARE 2
 LAT 44 21.5N DAY 17 DATA USE 1 RAPOMETP 1029.5 SEA WIND-FDR DUPLICATION 01.3 2 SQUARE 46
 LONG 047 54 W HOUR 01.2 AREA 05 CLUMP TRA CL/TRA WEATHFR X1 ORIG TTP 111 1 SQUARE 47

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	CHYG	PJ4	TOT P	N02	N03	S103	P4
01.2	STD	00000	10.38	33.57	25.75	00.000	1489.9							
	ORS	00000	10.38	33.520	25.75		1489.9							
	STD	00010	10.16	33.53	25.79	00.022	1489.3							
	ORS	00017	09.33	33.960	26.27		1486.9							
	STD	00020	08.80	34.25	26.59	00.041	1485.3							
	ORS	00020	08.80	34.255	26.59		1485.3							
	ORS	00025	08.31	34.260	26.67		1483.6							
	STD	00030	08.58	34.46	26.78	00.054	1484.9							
	ORS	00030	08.58	34.460	26.78		1484.9							
	ORS	00040	09.00	34.730	26.93		1487.0							
	STD	00050	09.48	34.72	27.00	00.078	1485.2							
	ORS	00050	09.44	34.720	27.00		1485.2							
	ORS	00060	08.25	34.680	27.01		1484.4							
	ORS	00070	07.25	34.480	27.00		1480.5							
	STD	00075	07.38	34.63	27.09	00.104	1481.3							
	ORS	00075	07.38	34.630	27.09		1481.3							
	ORS	00082	06.63	34.480	27.08		1478.3							
	ORS	00095	07.03	34.600	27.12		1480.2							
	STD	00100	06.93	34.60	27.13	00.128	1479.9							
	ORS	00100	06.93	34.600	27.13		1479.9							
	ORS	00113	06.70	34.610	27.17		1479.2							
	STD	00125	06.91	34.66	27.19	00.151	1480.3							
	ORS	00140	07.10	34.710	27.20		1481.4							
	STD	00150	07.18	34.73	27.20	00.174	1481.9							
	ORS	00150	07.18	34.730	27.20		1481.9							
	ORS	00180	07.40	34.820	27.24		1483.3							
	STD	00200	06.48	34.74	27.31	00.217	1479.9							
	ORS	00200	06.48	34.740	27.31		1479.9							
	STD	00250	06.18	34.74	27.35	00.256	1479.6							
	ORS	00250	06.18	34.740	27.35		1479.6							
	ORS	00270	05.83	34.745	27.39		1478.5							
	STD	00300	05.69	34.77	27.44	00.293	1478.5							
	ORS	00300	05.69	34.775	27.44		1478.5							
	ORS	00330	05.78	34.885	27.51		1479.5							
	ORS	00350	05.38	34.850	27.53		1478.1							
	STD	00400	05.43	34.93	27.59	00.356	1479.3							
	ORS	00400	05.43	34.930	27.59		1479.3							
	ORS	00428	05.41	34.975	27.63		1479.7							
	STD	00500	05.05	34.97	27.67	00.409	1479.4							
	ORS	00500	05.05	34.975	27.67		1479.4							
	STD	00600	04.71	34.97	27.71	00.456	1479.7							
	ORS	00600	04.71	34.970	27.71		1479.7							
	STD	00700	04.63	34.98	27.72	00.503	1481.0							
	ORS	00700	04.63	34.980	27.72		1481.0							
	STD	00800	04.32	34.96	27.75	00.548	1481.4							
	ORS	00800	04.32	34.965	27.75		1481.4							
	STD	00900	04.15	34.94	27.75	00.593	1482.3							
	ORS	00900	04.15	34.945	27.75		1482.3							
	STD	01000	04.16	34.96	27.76	00.637	1484.0							
	ORS	01000	04.16	34.960	27.76		1484.0							
	ORS	01028	04.14	34.960	27.76		1484.4							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972—18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REF ID: A18296 YEAR: 1972 BOTOM: 03200 AIR TEMP: 11.7 DIR HGT PER: WIND-DIR: 25 INST STO RECORDER: TEN 52 1306
 CONSFC: 0166 MONTH: 05 SHIP EV: MET 90LB 10.6 WIND-SPD: 1. TRALE DIR: 5 SQUARE 4
 LAT: 45 27 N DAY: 17 DATA USE: 1 BAROMETER: 1028.4 SEA WIND-FXP: OUPATION: 03-3 2 SQUARE 46
 LONG: 046 59 W HOUR: 07.9 AKFA: 05 CLOUD T/A: CLZTP WEATHER: XI ORIG IIP: 111 1 SQUARE 56

CASSTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	CHYG	P14	TOT P	NO2	NO3	S133	P4
07.9	STO	00000	08.90	33.22	25.77	00.000	1484.0							
	085	00300	08.90	33.225	25.77		1484.0							
	STO	00010	07.73	33.42	25.09	00.021	1480.0							
	085	00010	07.73	33.420	25.09		1480.0							
	STO	00020	04.88	33.42	26.46	00.038	1468.7							
	085	00020	04.88	33.420	26.46		1468.7							
	085	00024	04.56	33.460	26.53		1467.5							
	STO	00030	04.78	33.56	26.59	00.054	1469.7							
	085	00030	04.78	33.565	26.59		1468.7							
	085	00031	04.75	33.620	26.63		1468.0							
	085	00048	03.55	33.560	25.71		1463.8							
	STO	00050	03.88	33.64	26.74	00.081	1465.3							
	085	00050	03.88	33.640	26.74		1465.3							
	085	00056	04.60	33.940	26.90		1468.9							
	085	00060	04.36	33.880	26.88		1467.8							
	085	00065	04.18	33.930	26.94		1467.2							
	085	00070	03.19	33.915	27.02		1463.1							
	STO	00075	03.23	34.02	27.10	00.110	1463.5							
	085	00075	03.23	34.020	27.10		1463.5							
	STO	00100	03.16	34.13	27.20	00.133	1463.8							
	085	00100	03.16	34.130	27.20		1463.8							
	085	00115	02.58	34.130	27.25		1461.5							
	STO	00125	02.83	34.24	27.32	00.154	1462.9							
	085	00125	02.83	34.240	27.32		1462.9							
	STO	00150	03.68	34.41	27.37	00.173	1467.2							
	085	00150	03.68	34.410	27.37		1467.2							
	085	00155	03.17	34.360	27.38		1465.0							
	085	00165	03.75	34.460	27.40		1467.8							
	085	00171	03.49	34.445	27.42		1466.8							
	STO	00200	04.38	34.68	27.51	00.206	1471.3							
	085	00200	04.38	34.680	27.51		1471.3							
	085	00219	04.26	34.690	27.53		1471.1							
	STO	00250	05.18	34.88	27.58	00.235	1475.7							
	085	00250	05.18	34.880	27.58		1475.7							
	085	00270	05.09	34.905	27.61		1475.7							
	085	00271	05.21	34.960	27.64		1476.3							
	STO	00300	05.09	34.95	27.65	00.261	1476.3							
	085	00300	05.09	34.950	27.65		1476.3							
	085	00310	05.14	34.945	27.64		1476.6							
	STO	00400	05.00	34.98	27.68	00.309	1477.6							
	085	00400	05.00	34.985	27.68		1477.6							
	STO	00500	04.46	34.95	27.72	00.354	1477.0							
	085	00500	04.46	34.950	27.72		1477.0							
	085	00550	04.38	34.940	27.72		1477.4							
	STO	00600	04.53	34.99	27.74	00.398	1479.0							
	085	00600	04.53	34.990	27.74		1479.0							
	085	00640	04.61	35.000	27.74		1480.0							
	STO	00700	04.48	34.98	27.74	00.441	1480.4							
	085	00700	04.48	34.985	27.74		1480.4							
	STO	00800	04.31	34.97	27.75	00.485	1481.3							
	085	00800	04.31	34.975	27.75		1481.3							
	STO	00900	04.24	34.97	27.76	00.528	1482.7							
	085	00900	04.24	34.975	27.76		1482.7							
	STO	01000	04.04	34.95	27.77	00.572	1483.5							
	085	01000	04.04	34.955	27.77		1483.5							
	085	01022	04.03	34.955	27.77		1483.8							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REFID 31 8296 YEAR 1972 40TOP 02251 AIP TEMP 10.0 DIR HGT PER WIND-DIR 25 INST STD RECORDER TFM SQ 1306
 CONSEC 0167 MONTH 04 SHIP EV WET BULB 08.9 24 2 2 WIND-SPD 23 TRACE DIR 0 5 SQUARE 4
 LAT 45 30 N DAY 17 DATA USE 1 BAROMETR 1028.4 SEA 5FA WIND-F3R DURATION 00.2 2 SQUARE 46
 LONG 047 23 W HOUR 11.6 AREA 05 CLOUD T/A CL/FR WEATHER XI ORIG IIP 111 1 SQUARE 57

CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SNO VEL	DRYG	PJ4	TOT P	NO2	NO3	S133	P4
11.6	STD	00000	07.14	32.85	25.73	00.000	1476.8							
	DBS	00000	07.14	32.85	25.73		1476.8							
	DBS	00003	07.60	33.160	25.91		1479.0							
	STD	00010	04.06	33.06	26.26	00.020	1464.7							
	DBS	00015	03.11	33.040	26.34		1460.7							
	STD	00020	01.48	33.06	25.32	00.038	1462.4							
	DBS	00020	03.48	33.060	26.32		1462.4							
	STD	00030	03.27	33.11	26.38	00.054	1461.7							
	DBS	00040	04.48 P	33.61 P	26.650									
	DBS	00042	03.01	33.180	26.46		1460.9							
	DBS	00046	03.37	33.560	26.73		1463.0							
	STD	00050	02.98	33.61	26.80	00.084	1461.5							
	DBS	00053	02.98	33.610	26.80		1461.5							
	DBS	00056	02.74	33.660	26.86		1460.6							
	STD	00075	03.96	34.09	27.09	00.112	1466.7							
	DBS	00075	03.96	34.090	27.09		1466.7							
	STD	00100	03.18	34.14	27.20	00.135	1463.9							
	DBS	00103	03.18	34.140	27.20		1463.9							
	DBS	00104	03.61	34.200	27.21		1465.8							
	DBS	00112	03.18	34.200	27.25		1464.1							
	STD	00125	02.24	34.16	27.30	00.156	1460.2							
	DBS	00125	02.23	34.160	27.30		1460.2							
	DBS	00134	02.23	34.215	27.35		1460.4							
	DBS	00147	02.39	34.260	27.37		1461.2							
	DBS	00141	02.30	34.220	27.35		1460.8							
	STD	00150	03.42	34.42	27.41	00.174	1466.1							
	DBS	00172	04.85	34.690	27.47		1472.8							
	DBS	00190	04.62	34.660	27.47		1472.1							
	STD	00200	04.18	34.64	27.51	00.207	1470.4							
	DBS	00200	04.18	34.645	27.51		1470.4							
	DBS	00210	04.16	34.640	27.50		1470.5							
	DBS	00222	03.79	34.615	27.52		1469.1							
	STD	00250	04.52	34.76	27.56	00.236	1472.8							
	DBS	00250	04.52	34.760	27.56		1472.8							
	STD	00300	04.89	34.91	27.64	00.263	1475.4							
	DBS	00300	04.89	34.915	27.64		1475.4							
	DBS	00325	05.10	34.955	27.65		1476.7							
	DBS	00362	05.05	34.970	27.66		1477.3							
	DBS	00374	04.92	34.940	27.66		1476.8							
	STD	00400	04.91	34.97	27.68	00.311	1477.2							
	DBS	00400	04.91	34.970	27.68		1477.2							
	DBS	00427	05.01	35.015	27.71		1478.1							
	STD	00500	04.68	34.98	27.72	00.356	1477.9							
	DBS	00500	04.68	34.980	27.72		1477.9							
	DBS	00530	04.58	34.950	27.71		1478.0							
	DBS	00544	04.73	35.010	27.74		1478.9							
	STD	00600	04.56	34.98	27.73	00.400	1479.1							
	DBS	00600	04.56	34.985	27.73		1479.1							
	STD	00700	04.42	34.98	27.75	00.444	1480.1							
	DBS	00700	04.42	34.980	27.75		1480.1							
	STD	00800	04.32	34.98	27.76	00.487	1481.4							
	DBS	00800	04.32	34.980	27.76		1481.4							
	STD	00900	04.19	34.96	27.76	00.531	1482.5							
	DBS	00900	04.19	34.960	27.76		1482.5							
	STD	01000	04.07	34.96	27.77	00.575	1483.7							
	DBS	01000	04.07	34.965	27.77		1483.7							
	DBS	01030	04.04	34.960	27.77		1484.0							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296 YEAR 1972 BOTOP 02763 AIR TEMP 08.9 OIR HGT PER WIND-DIR 25 INST STD RECORDER TEN SQ 1306
 CONSEC 0168 MONTH 06 SHIP EV WET HULB 07.2 26 2 2 WIND-SPD 19 TRACE OIR 5 SQUARE 4
 LAT 45 39.0N DAY 17 DATA USE 1 BAROMETR 1028.8 SEA WIND-FIR DJMAT104 03.3 2 SQUARE 46
 LONG 047 35.5W HOUR 13.4 AREA 05 CLOUD 1/A CLYTR WEATHER KI DRIS TIP 222 1 SQUARE 57

CASNUM/TIME	LVLTY	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SNO VFL	OXYG	P14	TOT P	V32	M03	S133	P4
13.4	STD	00000	04.35	32.32	25.65	00.000	1464.7							
	DBS	00000	04.35	32.325	25.65		1464.7							
	DBS	00008	04.35	32.320	25.65		1464.9							
	STD	00010	04.06	32.42	25.75	00.023	1463.8							
	DBS	00010	04.06	32.420	25.75		1463.8							
	STD	00220	02.98	32.86	26.20	00.043	1459.9							
	DBS	00020	02.98	32.860	26.20		1459.9							
	STD	00030	02.63	33.38	26.65	00.060	1459.3							
	DBS	00030	02.63	33.380	26.65		1459.3							
	DBS	00034	01.27	33.360	26.73		1453.3							
	DBS	00038	01.60	33.500	26.82		1455.1							
	DBS	00042	00.65 P	33.90 P	27.200									
	DBS	00045	03.81	33.460	26.84 *		1451.6							
	DBS	00049	00.59	33.430	26.83		1450.6							
	STD	00050	00.99	33.44	26.92	00.086	1452.4							
	DBS	00050	00.98	33.440	26.82		1452.4							
	DBS	00069	00.52	33.600	26.97		1450.9							
	STD	00075	01.24	33.86	27.18	00.113	1450.0							
	DBS	00078	01.18	33.900	27.23		1449.9							
	DBS	00084	01.24	33.000	27.23		1450.2							
	DBS	00090	01.15	33.915	27.24		1450.0							
	STD	00100	00.49	34.11	27.38	00.133	1451.9							
	DBS	00100	00.49	34.110	27.38		1451.9							
	STD	00125	00.78	34.16	27.41	00.150	1453.7							
	DBS	00125	00.79	34.160	27.41		1453.7							
	STD	00150	01.13	34.24	27.45	00.167	1455.8							
	DBS	00150	01.13	34.240	27.45		1455.8							
	STD	00200	01.93	34.42	27.53	00.197	1463.7							
	DBS	00200	01.93	34.420	27.53		1460.7							
	DBS	00242	04.51	34.880	27.66		1472.9							
	STD	00250	04.31	34.88	27.68	00.223	1472.1							
	DBS	00283	03.65	34.760	27.65 *		1469.7							
	DBS	00290	03.55	34.715	27.63		1469.3							
	STD	00300	03.91	34.79	27.65	00.246	1471.1							
	DBS	00334	04.64	34.940	27.69		1474.9							
	STD	00400	03.93	34.93	27.68	00.293	1472.9							
	DBS	00400	03.93	34.935	27.68		1472.9							
	DBS	00452	04.23	34.920	27.72		1475.2							
	DBS	00463	04.15	34.895	27.71		1475.0							
	STD	00500	04.20	34.90	27.71	00.339	1475.8							
	DBS	00500	04.20	34.900	27.71		1475.8							
	DBS	00525	04.06	34.890	27.71		1475.6							
	DBS	00542	04.15	34.920	27.73		1476.3							
	DBS	00540	04.09	34.910	27.73		1476.8							
	STD	00600	04.16	34.93	27.74	00.382	1477.3							
	DBS	00600	04.15	34.930	27.74		1477.3							
	STD	00700	04.07	34.92	27.74	00.426	1478.6							
	DBS	00700	04.07	34.920	27.74		1478.6							
	STD	00800	04.04	34.92	27.74	00.470	1480.1							
	DBS	00800	04.04	34.920	27.74		1480.1							
	STD	00900	03.98	34.92	27.75	00.514	1481.6							
	DBS	00900	03.98	34.925	27.75		1481.6							
	STD	01000	03.92	34.92	27.76	00.559	1483.0							
	DBS	01000	03.92	34.925	27.76		1483.0							
	DBS	01030	03.89	34.920	27.76		1483.3							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-S296.—(Continued)

REFID 31 8296	YEAR 1972	BDTDP 01315	AIP TEMP 07.8	DIP MGT PER	WIND-DIR 25	INST STO RECORDER	TEN S 1336
CONSEC 0169	MONTH 06	SHIP EV	WET BULB 07.2	26 2 2	WIND-SPO 16	TRACE DIR 0	5 SQUARE 4
LAT 45 35.5N	DAY 17	DATA USE 1	BAROMETR 1028.8	SFA	WIND-FJR	DUPATION 03.2	2 SQUARE 46
LONG 047 46.0W	HOUP 15.2	AREA 05	CLOUD T/A	CL/TR	WEATHER XI	ORIG IIP 111	1 SQUARE 57

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SNO VEL	DRYG	P14	TOT P	NO2	NO3	S133	P4
15.2	STD	00000	04.36	32.77	25.60	00.000	1464.7							
	08S	00000	04.36	32.270	25.60		1464.7							
	STD	00010	03.38	32.66	26.01	00.022	1461.2							
	08S	00010	03.38	32.660	26.01		1461.2							
	STD	00020	01.38	32.86	26.33	00.041	1452.9							
	08S	00020	01.38	32.860	26.33		1452.9							
	STD	00030	00.75	33.34	26.75	00.056	1450.9							
	08S	00030	00.75	33.340	26.75		1450.9							
	STD	00050	00.18	33.75	27.11	00.078	1449.2							
	08S	00050	00.18	33.755	27.11		1449.2							
	08S	00072	00.42	33.950	27.26		1450.9							
	STD	00075	00.50	34.08	27.36	00.099	1451.5							
	08S	00075	00.50	34.080	27.36		1451.5							
	STD	00100	01.18	34.23	27.44	00.117	1455.2							
	08S	00100	01.18	34.230	27.44		1455.2							
	STD	00125	01.47	34.32	27.49	00.132	1457.1							
	08S	00125	01.47	34.325	27.49		1457.1							
	STD	00150	01.77	34.39	27.53	00.147	1458.9							
	08S	00150	01.77	34.395	27.53		1458.9							
	STD	00200	02.68	34.62	27.63	00.173	1464.0							
	08S	00200	02.68	34.620	27.63		1464.0							
	STD	00250	03.33	34.74	27.67	00.197	1467.8							
	08S	00250	03.33	34.740	27.67		1467.8							
	STD	00300	03.72	34.81	27.69	00.219	1470.4							
	08S	00300	03.72	34.810	27.69		1470.4							
	08S	00325	03.84	34.845	27.70		1471.3							
	08S	00341	03.80	34.840	27.70		1471.4							
	STD	00400	03.98	34.89	27.72	00.263	1473.2							
	08S	00400	03.98	34.890	27.72		1473.2							
	STD	00500	04.03	34.90	27.73	00.305	1475.1							
	08S	00500	04.03	34.900	27.73		1475.1							
	STD	00600	04.02	34.91	27.74	00.348	1476.7							
	08S	00600	04.02	34.915	27.74		1476.7							
	STD	00700	03.97	34.92	27.75	00.390	1478.2							
	08S	00700	03.97	34.920	27.75		1478.2							
	STD	00800	03.95	34.92	27.75	00.433	1479.8							
	08S	00800	03.95	34.920	27.75		1479.8							
	STD	00900	03.92	34.92	27.75	00.477	1481.3							
	08S	00900	03.92	34.920	27.75		1481.3							
	STD	01000	03.91	34.92	27.75	00.521	1482.9							
	08S	01000	03.91	34.920	27.75		1482.9							
	08S	01025	03.90	34.920	27.75		1483.3							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REF ID: 31 8296 YEAR 1972 HGTOP 01097 AIR TEMP 07.8 OIR HGTY PER WIND-OIR 25 INST STD RECO PFR TEN SQ 1306
 CONSEC 0170 MONTH 05 SHIP EV WET HULB 06.1 WIND-SPD 15 TRACE DIR 0 5 SQUARE 4
 LAT 45 49.5N DAY 12 DATA USE 1 BARUMETR 1029.5 SEA WIND-FJR DURATION 00.3 2 SQUARE 46
 LONG 047 55.0W HOUR 16.8 AREA 05 CLOUD T/A CLZTR WEATHER XI ORIG IIP 111 1 SQUARE 57

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	OMNPTH	SNO VEL	ORVG	P74	10Y P	NO2	NO3	SI33	PH
16.8	STD	00300	03.12	32.23	25.69	00.000	1459.4							
	DBS	00000	03.12	32.210	25.69		1459.4							
	STD	00010	02.99	32.22	25.69	00.023	1459.0							
	DBS	00010	02.99	32.220	25.69		1459.0							
	STD	00020	02.78	32.25	25.74	00.046	1458.3							
	DBS	00020	02.78	32.255	25.74		1458.3							
	STD	00030	- 0.27	32.86	26.41	00.065	1445.6							
	DBS	00030	- 0.27	32.860	26.41		1445.6							
	DBS	00032	- 0.58	32.940	26.49		1444.3							
	DBS	00036	- 0.44	32.950	26.49		1445.0							
	STD	00050	- 1.34	33.18	26.71	00.095	1441.4							
	DBS	00050	- 1.34	33.180	26.71		1441.4							
	DBS	00052	- 1.29	33.280	26.79		1441.8							
	STD	00075	01.08	33.40	26.78	00.128	1453.2							
	DBS	00075	01.08	33.400	26.78		1453.2							
	DBS	00094	- 0.25	33.560	26.98		1447.7							
	STD	00100	- 0.14	33.61	27.01	00.157	1448.4							
	DBS	00104	- 0.06	33.660	27.05		1448.9							
	DBS	00117	02.08	33.920	27.12		1459.1							
	DBS	00120	01.77	33.960	27.18		1457.8							
	STD	00125	01.88	33.99	27.20	00.181	1458.4							
	DBS	00125	01.88	33.995	27.20		1458.4							
	DBS	00144	01.49	33.990	27.22		1456.9							
	STD	00150	01.28	34.02	27.26	00.202	1456.2							
	DBS	00161	01.13	34.100	27.34		1455.8							
	DBS	00168	01.17	34.160	27.38		1456.2							
	DBS	00178	00.92	34.140	27.38		1455.2							
	STD	00200	01.21	34.24	27.45	00.239	1457.0							
	DBS	00200	01.21	34.245	27.45		1457.0							
	STD	00250	02.06	34.44	27.54	00.269	1461.9							
	DBS	00250	02.06	34.440	27.54		1461.9							
	STD	00300	02.78	34.61	27.62	00.296	1466.1							
	DBS	00300	02.78	34.610	27.62		1466.1							
	STD	00400	03.65	34.82	27.70	00.343	1471.7							
	DBS	00400	03.65	34.820	27.70		1471.7							
	STD	00500	03.98	34.88	27.71	00.387	1474.9							
	DBS	00500	03.98	34.880	27.71		1474.9							
	DBS	00561	04.03	34.900	27.73		1476.1							
	STD	00600	04.00	34.89	27.72	00.431	1476.6							
	DBS	00600	04.00	34.895	27.72		1476.6							
	STD	00700	04.01	34.90	27.73	00.475	1478.3							
	DBS	00700	04.01	34.905	27.73		1478.3							
	STD	00800	04.00	34.90	27.73	00.520	1479.9							
	DBS	00800	04.00	34.900	27.73		1479.9							
	STD	00900	03.96	34.90	27.73	00.565	1481.4							
	DBS	00900	03.96	34.900	27.73		1481.4							
	STD	01000	03.96	34.90	27.73	00.612	1483.1							
	DBS	01000	03.96	34.900	27.73		1483.1							
	DBS	01079	03.96	34.900	27.73		1483.6							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972—18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296	YEAR 1972	ROTOP 00364	AIR TEMP 07.4	DIR HGT PER	WIND-DIR 23	INST STD RECORDER	TEN SQ 1306
CONSEC 0171	MONTH 05	SHIP EV	WET BULB 06.7	26 2 3	WIND-SPO 23	TRACE DIR 0	5 SQUARE 4
LAT 45 55 N	DAY 17	DATA USE 1	BAROMETR 1028.8	SEA	WIND-FRQ	DURATION 00.1	2 SQUARE 48
LONG 048 04.0W	HOUR 18.5	AREA 05	CLOUD T/A	CL/TR	WEATHER XI	ORIG IIP III	1 SQUARE 58

CASSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OMNPTH	SND VEL	XYG	P14	TOT P	N02	N03	S133	P4
18.6	STD	00003	04.61	32.71	25.93	00.000	1466.3							
	ONS	00000	04.61	32.710	25.93		1466.3							
	STD	00010	01.04	32.49	26.05	00.020	1450.7							
	STD	00020	- 1.02	32.26	25.96 *	00.040	1441.1							
	ONS	00020	- 1.02	32.260	25.96		1441.1							
	STD	00030	- 1.58	32.98	26.56	00.058	1439.6							
	ONS	00030	- 1.58	32.980	26.56		1439.6							
	STD	00050	- 1.70	33.13	26.68	00.087	1439.6							
	ONS	00050	- 1.70	33.125	26.68		1439.6							
	ONS	00060	- 1.71	33.175	26.77		1439.8							
	STD	00075	- 1.69	33.22	26.75	00.120	1440.2							
	ONS	00075	- 1.69	33.220	26.75		1440.2							
	STD	00100	- 1.67	33.27	26.79	00.152	1440.8							
	ONS	00100	- 1.67	33.270	26.79		1440.8							
	ONS	00115	- 1.67	33.320	26.83		1441.1							
	STD	00125	- 1.42	33.42	26.91	00.182	1442.6							
	ONS	00125	- 1.42	33.425	26.91		1442.6							
	ONS	00137	- 1.09	33.510	26.97		1444.4							
	STD	00150	- 0.14	33.67	27.06	00.209	1449.3							
	ONS	00150	- 0.14	33.670	27.06		1449.3							
	ONS	00170	- 0.14	33.690	27.07		1449.6							
	ONS	00188	00.06	33.760	27.12		1450.9							
	STD	00200	00.08	33.78	27.14	00.257	1451.3							
	ONS	00200	00.08	33.780	27.14		1451.3							
	ONS	00210	00.33	33.860	27.19		1452.7							
	ONS	00236	00.48	33.945	27.25		1453.9							
	STD	00250	00.48	33.97	27.27	00.301	1454.2							
	ONS	00250	00.48	33.970	27.27		1454.2							
	ONS	00261	00.48	33.960	27.26		1454.3							
	ONS	00264	00.41	33.935	27.25		1454.0							
	ONS	00294	00.52	34.030	27.32		1455.2							
	STD	00300	00.72	34.11	27.37	00.339	1456.3							
	ONS	00300	00.72	34.110	27.37		1456.3							
	ONS	00338	01.57	34.345	27.50		1461.0							

REFID 31 8296	YEAR 1972	ROTOP 00183	AIR TEMP 09.4	DIR HGT PER	WIND-DIR 23	INST STD RECORDER	TEN SQ 1306
CONSEC 0172	MONTH 05	SHIP EV	WET BULB 07.8	26 2 3	WIND-SPO 15	TRACE DIR 0	5 SQUARE 4
LAT 45 47.0N	DAY 17	DATA USE 1	BAROMETR 1028.8	SEA	WIND-FRQ	DURATION 00.1	2 SQUARE 48
LONG 048 07.5W	HOUR 19.5	AREA 05	CLOUD T/A	CL/TR	WEATHER XI	ORIG IIP III	1 SQUARE 58

CASSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OMNPTH	SND VEL	XYG	P14	TOT P	N02	N03	S133	P4
19.5	STD	00000	05.13	32.71	25.87	00.000	1468.5							
	ONS	00000	05.13	32.710	25.87		1468.5							
	STD	00010	04.63	32.68	25.90	00.021	1466.5							
	ONS	00010	04.63	32.680	25.90		1466.5							
	ONS	00015	04.28	32.620	25.89		1465.1							
	STD	00020	01.98	32.63	26.10	00.041	1455.3							
	STD	00030	- 0.92	32.72	26.33	00.060	1447.4							
	ONS	00030	- 0.92	32.720	26.33		1447.4							
	ONS	00035	- 1.52	32.800	26.41		1439.7							
	ONS	00039	- 1.48	33.080	26.63		1440.4							
	ONS	00047	- 1.67	33.080	26.64		1439.5							
	STD	00050	- 1.66	33.15	26.69	00.090	1439.8							
	ONS	00050	- 1.66	33.150	26.69		1439.8							
	ONS	00051	- 1.63	33.160	26.70		1440.0							
	ONS	00053	- 1.72	33.165	26.71		1439.6							
	ONS	00060	- 1.72	33.165	26.71		1439.7							
	ONS	00062	- 1.70	33.170	26.71		1439.8							
	ONS	00068	- 1.75	33.200	26.74		1439.7							
	ONS	00073	- 1.66	33.290	26.81		1440.4							
	STD	00075	- 1.70	33.26	26.78 *	00.123	1442.2							
	ONS	00075	- 1.70	33.260	26.78		1440.2							
	ONS	00083	- 1.71	33.280	26.80		1440.3							
	ONS	00090	- 1.67	33.290	26.81		1440.6							
	STD	00100	- 1.66	33.30	26.82	00.154	1440.8							
	ONS	00100	- 1.66	33.305	26.82		1440.8							
	ONS	00115	- 1.33	33.410	26.90		1442.8							
	STD	00125	- 1.28	33.40	25.89	00.184	1443.2							
	ONS	00125	- 1.28	33.400	26.89		1443.2							
	ONS	00145	- 1.25	33.400	26.89		1443.7							
	STD	00150	- 1.16	33.43	26.91	00.213	1444.2							
	ONS	00150	- 1.16	33.430	26.91		1444.2							

TABLE XIII.- Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-S296.- Continued

REF ID: 31 8296 YEAR: 1972 BUOY: 00989 AIR TEMP: 06.7 DIR HGT: PEA WIND-OFR: 21 INST STD RECORDER TEN S2: 1306
 CONSEC: 0173 MONTH: 04 SHIP: FV MET RULR: 06.1 26 2 5 WIND-SPO: 13 TRACF DIR: 0 5 SQUARE: 4
 LAT: 47 02.5N DAY: 14 DATA USE: 1 BAROMETR: 1027.4 SFA WIND-FTR: 00.2 2 SQUARE: 66
 LONG: 046 44.0W HOUR: 04.0 ARFA: 05 CLOUD: T/A CL/FTR WEATHER: X5 ORIG TIP: 111 1 SQUARE: 76

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	S133	PH
04.0	STD	00000	03.28	32.14	25.60	00.000	1459.9							
	ONS	00000	03.28	32.140	25.60		1459.9							
	STD	00010	02.48	32.13	25.66	00.024	1456.6							
	ONS	00010	02.48	32.125	25.66		1456.6							
	STD	00020	00.16	32.96	26.47	00.043	1447.6							
	ONS	00020	00.18	32.960	26.47		1447.6							
	ONS	00025	00.47	33.330	26.76		1449.5							
	STD	00030	- 0.21	33.28	26.75	00.058	1446.4							
	ONS	00030	- 0.21	33.285	26.75		1446.4							
	ONS	00038	- 0.61	33.380	26.85		1444.9							
	ONS	00040	- 0.46	33.380	26.84		1445.6							
	ONS	00049	- 0.88	33.610	27.04		1444.1							
	STD	00050	- 0.77	33.59	27.02	00.081	1444.6							
	ONS	00050	- 0.77	33.590	27.02		1444.6							
	STD	00075	- 0.07	33.93	27.27	00.104	1448.7							
	ONS	00075	- 0.07	33.930	27.27		1448.7							
	STD	00100	00.70	34.07	27.34	00.124	1452.8							
	ONS	00100	00.70	34.075	27.34		1452.8							
	STD	00125	00.73	34.18	27.43	00.141	1453.5							
	ONS	00125	00.73	34.180	27.43		1453.5							
	STD	00150	01.45	34.32	27.49	00.157	1457.4							
	ONS	00150	01.45	34.325	27.49		1457.4							
	STD	00200	02.44	34.54	27.59	00.185	1463.0							
	ONS	00200	02.44	34.540	27.59		1463.0							
	STD	00250	03.18	34.58	27.56	00.212	1466.9							
	ONS	00250	03.18	34.585	27.56		1466.9							
	ONS	00255	03.02	34.670	27.59		1466.3							
	ONS	00267	03.45	34.700	27.62		1468.5							
	ONS	00280	03.28	34.715	27.65		1468.0							
	STD	00300	03.54	34.77	27.67	00.238	1469.6							
	ONS	00360	04.02	34.870	27.70		1472.7							
	STD	00400	04.08	34.88	27.71	00.282	1473.6							
	ONS	00400	04.08	34.885	27.71		1473.6							
	ONS	00425	03.97	34.875	27.71		1473.6							
	ONS	00440	04.06	34.900	27.72		1474.2							
	STD	00500	04.02	34.89	27.72	00.326	1475.0							
	ONS	00500	04.02	34.895	27.72		1475.0							
	ONS	00530	04.03	34.900	27.73		1475.6							
	ONS	00550	04.05	34.910	27.73		1476.0							
	STD	00600	04.03	34.91	27.73	00.369	1476.8							
	ONS	00600	04.03	34.910	27.73		1476.8							
	STD	00700	04.03	34.92	27.74	00.412	1478.4							
	ONS	00700	04.03	34.920	27.74		1478.4							
	STD	00800	04.00	34.91	27.74	00.456	1480.0							
	ONS	00800	04.00	34.915	27.74		1480.0							
	STD	00900	04.00	34.91	27.74	00.501	1481.6							
	ONS	00900	04.00	34.915	27.74		1481.6							
	ONS	00978	03.99	34.915	27.74		1482.9							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REF ID: 31 8296 YEAR: 1972 BOTOP: 01170 AIR TEMP: 06-1 DIR HGT PER: WIND-DIR: 23 INST STD RECORDER: TEN SQ: 1306
 CONSEC: 0174 MONTH: 04 SHIP EV: WET RUL8: 06-1 21 0 2 WIND-SPD: 13 TRACE DIR: 03-2 5 SQUARE: 4
 LAT: 47 02.0N DAY: 18 DATA USE: 1 BAROMETR: 1026.1 SEA CL/Tr WEATHER: xx ORIGIN: 111 2 SQUARE: 66
 LONG: 046 58.5W HOUR: 05-8 AREA: 05 CLOUD: T/A

CAS	NUM	TIME	LVCTYP	DEPTH	TEMP	SAL	SIGMA-T	OYNPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	S133	PH
			STO	00000	02.83	32.02	25.55	00.000	1457.8							
			085	00000	02.83	32.020	25.55		1457.8							
			STO	00010	02.68	32.02	25.56	00.024	1457.3							
			085	00010	02.68	32.025	25.56		1457.3							
			STO	00020	01.65	33.10	26.50	00.044	1454.4							
			085	00020	01.65	33.100	26.50		1454.4							
			STO	00030	00.99	33.22	26.63	00.059	1451.8							
			085	00030	00.34	33.260	26.71		1449.2							
			085	00040	00.08	33.270	26.73		1447.9							
			085	00042	00.22	33.465	26.88		1448.9							
			STO	00050	- 0.09	33.42	26.86	00.085	1447.5							
			085	00050	- 0.09	33.420	26.86		1447.5							
			STO	00075	- 0.64	33.66	27.08	00.113	1445.7							
			085	00075	- 0.64	33.660	27.08		1445.7							
			STO	00100	- 0.28	33.84	27.21	00.136	1448.0							
			085	00100	- 0.28	33.840	27.21		1448.0							
			STO	00125	- 0.17	33.97	27.31	00.156	1449.2							
			085	00125	- 0.17	33.975	27.31		1449.2							
			STO	00150	00.63	34.19	27.44	00.174	1453.5							
			085	00150	00.63	34.190	27.44		1453.5							
			STO	00200	01.40	34.30	27.48	00.206	1457.9							
			085	00200	01.40	34.300	27.48		1457.9							
			STO	00250	02.05	34.44	27.55	00.236	1461.8							
			085	00250	02.05	34.445	27.55		1461.8							
			STO	00300	02.42	34.57	27.62	00.262	1464.5							
			085	00300	02.42	34.575	27.62		1464.5							
			STO	00400	03.49	34.77	27.68	00.310	1470.9							
			085	00400	03.49	34.775	27.68		1470.9							
			STO	00500	03.77	34.85	27.71	00.354	1473.9							
			085	00500	03.77	34.850	27.71		1473.9							
			085	00565	03.85	34.870	27.72		1475.4							
			STO	00600	04.03	34.90	27.73	00.398	1476.8							
			085	00600	04.03	34.905	27.73		1476.8							
			STO	00700	04.00	34.88	27.72	00.442	1478.3							
			085	00700	04.00	34.885	27.72		1478.3							
			STO	00800	04.03	34.91	27.74	00.488	1480.1							
			085	00800	04.03	34.915	27.74		1480.1							
			STO	00900	04.01	34.92	27.74	00.532	1481.7							
			085	00900	04.01	34.920	27.74		1481.7							
			STO	01000	03.97	34.92	27.75	00.578	1483.2							
			085	01000	03.97	34.920	27.75		1483.2							
			STO	01100	03.86	34.92	27.76	00.623	1484.4							
			085	01100	03.86	34.920	27.76		1484.4							

TABLE XIII.— Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972—18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31	R246	YEAR 1972	BOIDP 01100	AIR TEMP 05.0	DIR HGT PER	WIND-DIR 25	INST STD RECORDER	TEN SQ 1306						
CONSEC 0175	MONTH 06	SHIP EV	WET BULB 05.0	SEA	WIND-SPO 13	TRACE DIR	5 SQUARE 4							
LAT 47 01.0N	DAY 18	DATA USE 1	BAROMETR 1025.7	CL/TR	WIND-FUR	DURATION 00.2	2 SQUARE 66							
LONG 047 08.0W	HOOR 07.5	AREA 05	CLOUD T/A	WEATHER K5	ORIG TIP 111	1 SQUARE 77								
CASNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SNO VEL	XYG	P34	TOT P	NO2	NO3	SI33	PH
07.5	STS	00000	02.59	32.07	25.61	00.000	1456.8							
	STS	00000	02.59	32.070	25.61		1456.8							
	STD	00010	02.39	32.16	25.70	00.023	1456.3							
	STS	00010	02.39	32.165	25.70		1456.3							
	STD	00020	01.98	32.16	25.72	00.046	1454.6							
	STS	00020	01.98	32.160	25.72		1454.6							
	STD	00030	00.13	33.06	26.56	00.065	1447.7							
	STS	00030	00.13	33.060	26.56		1447.7							
	STS	00040	- 1.11	33.200	26.72		1442.3							
	STD	00050	- 1.19	33.39	26.88	00.092	1442.4							
	STS	00050	- 1.19	33.395	26.88		1442.4							
	STD	00075	- 0.91	33.52	26.97	00.120	1444.3							
	STS	00075	- 0.91	33.520	26.97		1444.3							
	STD	00100	- 0.70	33.57	27.00	00.147	1445.7							
	STS	00100	- 0.70	33.570	27.00		1445.7							
	STD	00125	- 0.20	34.00	27.33	00.170	1449.0							
	STS	00125	- 0.20	34.000	27.33		1449.0							
	STD	00150	00.20	34.09	27.39	00.188	1451.4							
	STS	00150	00.20	34.095	27.39		1451.4							
	STD	00200	01.51	34.33	27.49	00.220	1458.5							
	STS	00200	01.51	34.330	27.49		1458.5							
	STD	00250	02.14	34.48	27.57	00.249	1462.2							
	STS	00250	02.14	34.480	27.57		1462.2							
	STD	00300	02.86	34.63	27.62	00.275	1466.4							
	STS	00300	02.86	34.630	27.62		1466.4							
	STS	00360	03.93	34.800	27.66		1472.2							
	STD	00400	03.60	34.79	27.68	00.323	1471.5							
	STS	00400	03.60	34.790	27.68		1471.5							
	STS	00465	04.08	34.865	27.69		1476.7							
	STD	00500	04.00	34.88	27.72	00.367	1474.9							
	STS	00500	04.00	34.885	27.72		1474.9							
	STS	00575	04.11	34.905	27.72		1476.7							
	STD	00600	04.05	34.90	27.72	00.411	1476.8							
	STS	00600	04.05	34.900	27.72		1476.8							
	STD	00700	04.03	34.90	27.73	00.456	1478.4							
	STS	00700	04.03	34.900	27.73		1478.4							
	STD	00800	04.03	34.91	27.73	00.501	1480.1							
	STS	00800	04.03	34.910	27.73		1480.1							
	STD	00900	04.01	34.91	27.74	00.546	1481.7							
	STS	00900	04.01	34.910	27.74		1481.7							
	STD	01000	03.89	34.91	27.75	00.591	1482.8							
	STS	01000	03.89	34.910	27.75		1482.8							
	STS	01025	03.80	34.920	27.76		1482.9							

REFID 31	R246	YEAR 1972	BOIDP 037R3	AIR TEMP 05.6	DIR HGT PER	WIND-DIR 22	INST STD RECORDER	TEN SQ 1306						
CONSEC 0176	MONTH 06	SHIP EV	WET BULB 05.6	SEA	WIND-SPO 12	TRACE DIR	5 SQUARE 4							
LAT 47 01.0N	DAY 19	DATA USE 1	BAROMETR 1025.7	SFA	WIND-FUR	DURATION 00.4	2 SQUARE 66							
LONG 047 15.0W	HOOR 08.8	AREA 05	CLOUD T/A	CL/TR	WEATHER K5	ORIG TIP 111	1 SQUARE 77							
CASNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SNO VEL	XYG	P34	TOT P	NO2	NO3	SI33	PH
08.8	STS	00000	02.05	32.32	25.85	00.000	1454.8							
	STS	00000	02.05	32.320	25.85		1454.8							
	STD	00010	01.93	32.36	25.89	00.021	1454.5							
	STS	00010	01.93	32.360	25.89		1454.5							
	STD	00020	01.39	32.38	25.90	00.043	1455.0							
	STS	00020	01.39	32.385	25.90		1455.0							
	STD	00030	01.82	32.38	25.91	00.064	1454.4							
	STS	00030	01.82	32.380	25.91		1454.4							
	STS	00040	00.48	32.340	25.96		1448.5							
	STD	00050	- 1.02	32.96	26.52	00.100	1442.6							
	STS	00050	- 1.02	32.960	26.52		1442.6							
	STS	00067	- 1.50	33.305	26.82		1441.1							
	STD	00075	- 1.40	33.38	26.87	00.134	1441.8							
	STS	00075	- 1.40	33.380	26.87		1441.8							
	STD	00100	- 0.88	33.61	27.04	00.161	1444.9							
	STS	00100	- 0.88	33.610	27.04		1444.9							
	STD	00125	- 0.37	33.72	27.11	00.186	1447.9							
	STS	00125	- 0.37	33.720	27.11		1447.9							
	STS	00128	- 0.47	33.735	27.13		1447.5							
	STS	00135	00.04	33.855	27.20		1450.1							
	STS	00145	00.23	33.870	27.20		1451.2							
	STD	00150	00.36	33.86	27.20	00.209	1450.5							
	STS	00150	00.36	33.860	27.20		1450.5							
	STS	00155	- 0.35	33.820	27.19		1449.6							
	STS	00180	- 0.49	33.900	27.26		1448.5							
	STD	00200	00.64	34.11	27.37	00.248	1454.3							
	STS	00200	00.64	34.110	27.37		1454.3							
	STD	00250	01.51	34.36	27.52	00.281	1459.3							
	STS	00250	01.51	34.360	27.52		1459.3							
	STD	00300	02.29	34.51	27.58	00.309	1463.8							
	STS	00300	02.29	34.510	27.58		1463.8							
	STD	00400	03.36	34.75	27.67	00.359	1470.4							
	STS	00400	03.36	34.750	27.67		1470.4							
	STD	00500	03.80	34.84	27.71	00.404	1474.1							
	STS	00500	03.80	34.845	27.71		1474.1							
	STD	00600	03.95	34.88	27.72	00.448	1476.4							
	STS	00600	03.95	34.880	27.72		1476.4							
	STD	00700	03.86	34.88	27.73	00.493	1477.7							
	STS	00700	03.86	34.880	27.73		1477.7							
	STS	00750	03.85	34.885	27.73		1478.5							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NOIC Listing No. 31-S296.—Continued

REFID 31 8296 YEAR 1972 BOTDP 00380 AIR TEMP 05.0 DIP HGT PFR WIND-DIR 23 INST STD RECORDER TEN SQ 1306
 CONSEC 0177 MONTH 06 SHIP EV WET RULR 05.0 26 2 3 WIND-SPO 13 TRACE DIR 7 5 SQUARE 4
 LAT 47 02.5N DAY 13 DATA USE 1 BAROMETR 1024.4 SEA WIND-FOR DURATION 00.1 2 SQUARE 66
 LONG 047 22.0W HOUR 10.2 AREA 05 CLOUD T/A CL/TR WEATHER X4 ORIG TIP 111 1 SQUARE 77

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SNO VEL	XYG	P14	TOT P	NO2	NO3	S133	P4
10.2	STO	00000	02.56	32.23	25.74	00.000	1456.9							
	ORS	00000	02.56	32.235	25.74		1456.9							
	STO	00010	02.52	32.22	25.74	00.023	1456.9							
	ORS	00010	02.52	32.225	25.74		1456.9							
	STO	00020	02.30	32.22	25.75	00.045	1456.1							
	ORS	00020	02.30	32.220	25.75		1456.1							
	STO	00030	- 1.13	32.79	26.39	00.065	1441.5							
	ORS	00030	- 1.13	32.795	26.39		1441.5							
	ORS	00034	- 1.46	32.945	26.52		1441.2							
	STO	00050	- 1.72	33.14	26.69	00.095	1439.5							
	ORS	00050	- 1.72	33.140	26.69		1439.5							
	STO	00075	- 1.70	33.28	26.80	00.127	1440.2							
	ORS	00075	- 1.70	33.280	26.80		1440.2							
	ORS	00092	- 1.59	33.310	26.82		1441.1							
	STO	00100	- 1.43	33.45	26.93	00.157	1442.1							
	ORS	00100	- 1.43	33.450	26.93		1442.1							
	ORS	00106	- 0.84	33.580	27.02		1445.2							
	STO	00125	- 0.57	33.67	27.08	00.183	1446.9							
	ORS	00125	- 0.57	33.670	27.08		1446.9							
	ORS	00140	- 0.17	33.785	27.16		1449.1							
	ORS	00146	- 0.02	33.845	27.20		1450.0							
	STO	00150	00.04	33.86	27.20	00.207	1450.4							
	ORS	00158	00.19	33.890	27.21		1451.2							
	ORS	00169	00.47	33.900	27.22		1452.7							
	ORS	00180	00.25	33.870	27.20		1451.8							
	ORS	00181	00.36	33.990	27.29		1452.5							
	ORS	00194	00.73	34.010	27.29		1454.7							
	STO	00200	00.81	34.02	27.29	00.248	1454.9							
	ORS	00200	00.81	34.020	27.29		1454.9							
	ORS	00212	00.85	34.060	27.32		1455.3							
	ORS	00245	00.79	34.090	27.35		1455.7							
	STO	00250	01.10	34.17	27.39	00.286	1457.3							
	ORS	00257	01.40	34.245	27.43		1458.8							
	ORS	00275	01.41	34.275	27.46		1459.2							
	STO	00300	01.81	34.38	27.52	00.318	1461.5							
	ORS	00300	01.81	34.385	27.52		1461.5							
	ORS	00342	02.33	34.525	27.59		1464.7							
	ORS	00355	02.34	34.530	27.59		1465.0							

REFID 31 8296 YEAR 1972 BOTDP 00166 AIR TEMP 05.6 DIP HGT PFR WIND-DIR 23 INST STD RECORDER TEN SQ 1306
 CONSEC 0178 MONTH 05 SHIP EV WET RULR 05.6 26 2 2 WIND-SPO 13 TRACE DIR 7 5 SQUARE 4
 LAT 47 00.0N DAY 18 DATA USE 1 BAROMETR 1024.0 SEA WIND-FOR DURATION 00.1 2 SQUARE 66
 LONG 047 30.0W HOUR 11.2 AREA 05 CLOUD T/A CL/TR WEATHER X4 ORIG TIP 111 1 SQUARE 77

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SNO VEL	XYG	P14	TOT P	NO2	NO3	S133	P4
11.2	STO	00000	03.10	32.29	25.74	00.000	1459.4							
	ORS	00000	03.10	32.290	25.74		1459.4							
	STO	00010	02.92	32.31	25.77	00.022	1458.8							
	ORS	00010	02.92	32.310	25.77		1458.8							
	STO	00020	02.73	32.33	25.80	00.045	1453.1							
	ORS	00020	02.73	32.330	25.80		1458.1							
	STO	00030	- 1.09	32.83	26.42	00.064	1441.7							
	ORS	00030	- 1.09	32.830	26.42		1441.7							
	STO	00050	- 1.73	33.14	26.69	00.094	1439.5							
	ORS	00050	- 1.73	33.140	26.69		1439.5							
	STO	00075	- 1.72	33.22	26.75	00.127	1443.0							
	ORS	00075	- 1.72	33.220	26.75		1440.0							
	STO	00100	- 1.64	33.36	26.86	00.158	1441.0							
	ORS	00100	- 1.64	33.360	26.86		1441.0							
	STO	00125	- 1.09	33.45	26.92	00.187	1444.1							
	ORS	00125	- 1.09	33.450	26.92		1444.1							
	ORS	00144	- 0.88	33.510	26.96		1445.5							
	STO	00150	- 0.95	33.53	26.98	00.214	1445.3							
	ORS	00150	- 0.95	33.530	26.98		1445.3							
	ORS	00163	- 0.77	34.610	27.85		1447.9							
