

DEPARTMENT OF TRANSPORTATION



COAST GUARD

**OCEANOGRAPHIC OBSERVATIONS
NORTH ATLANTIC
STANDARD MONITORING
SECTIONS A5, A6, and A7
1967-69**

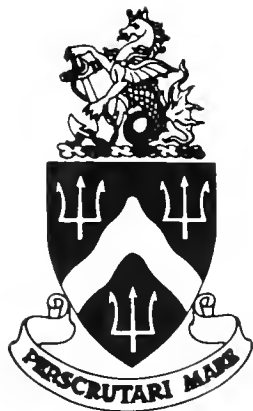


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OCEANOGRAPHIC REPORT

No. CG 373-67

NORTH ATLANTIC STANDARD MONITORING SECTIONS A5, A6, and A7 1967-69

R.Q. Robe

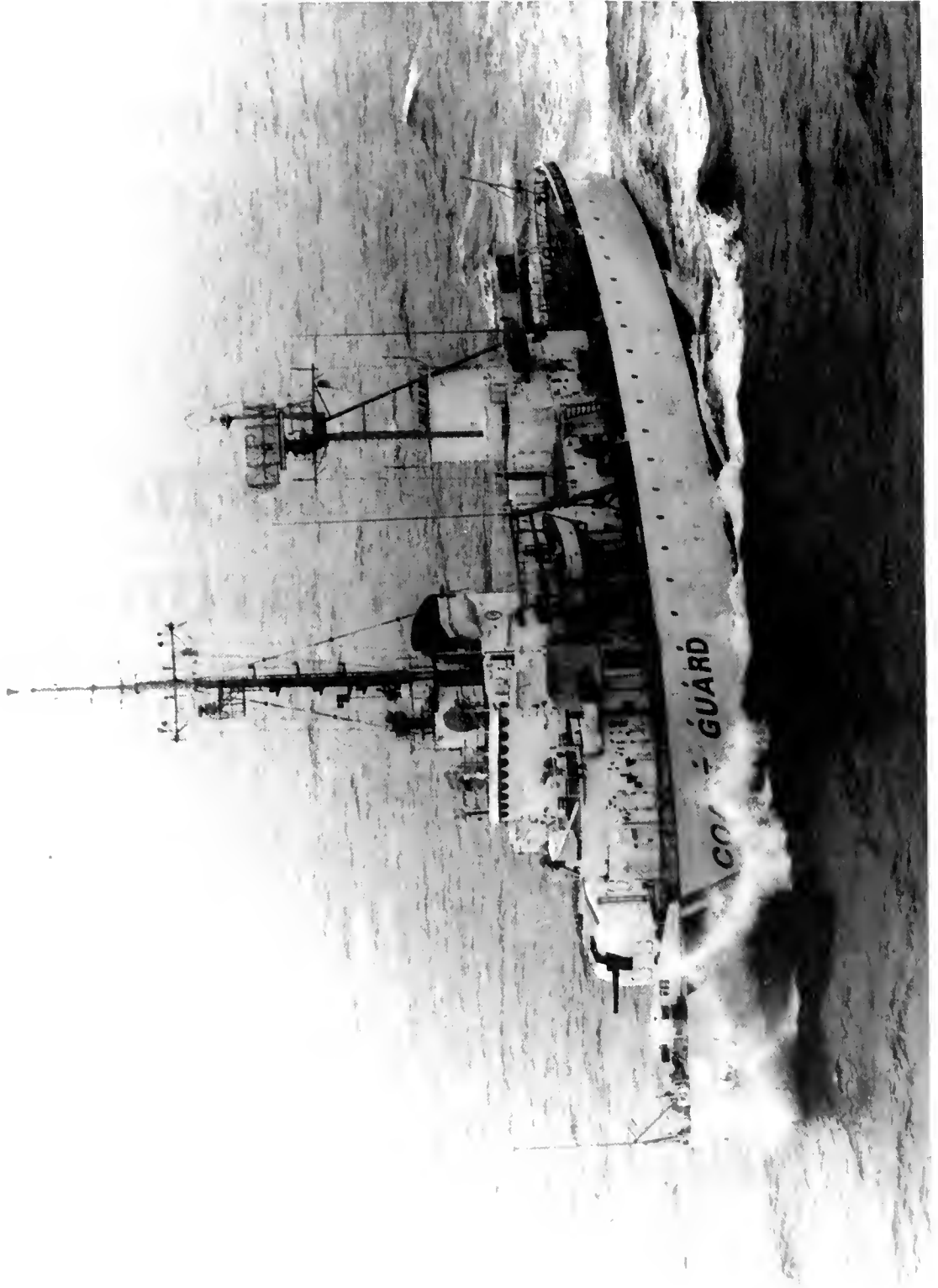
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United States Coast Guard
Oceanographic Unit
Washington, D.C.

September 1974



USCGC ANDROSCOGGIN (WMEC-68)

ABSTRACT

Data from Standard Monitoring Sections A5, A6, and A7 for the years 1967-69 are presented together with vertical sections of salinity, temperature, and sigma-t. The three major water masses on these Standard Monitoring Sections; Coastal Water, Slope Water, and North Atlantic Central Water; are described.

On section A5, Coastal Water has vertical salinity gradients of 0.04‰ to 0.08‰ per meter and a horizontal salinity gradient of 0.1‰ per mile. Slope Water intrudes under Coastal Water producing a salinity maximum. North Atlantic Central Water was found to be .020 to .025‰ more saline than Slope Water.

On section A6, a body of uniform water, centered around 18°C, at 200 to 500 meters is bounded by thermoclines which are always present. This water mass is formed to the north and east of section A6.

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Oceanographic Observations North Atlantic Standard Monitoring Sections A5, A6, and A7, 1967-69

By

ROBERT QUINCY ROBE¹

INTRODUCTION

Standard Monitoring Sections A5, A6, and A7 lie in the western North Atlantic with their near-shore ends in the shallow waters off the eastern coast of the United States and their offshore ends in deep water off the continental slope (fig. 1). Section A5 extends from the continental shelf at the eastern extremity of the Gulf of Maine to a location approximately 275 miles northwest of Bermuda. Section A6 runs southeast from Cape Hatteras to 31°55'N and thence due east to Bermuda. Section A7 is located on the parallel of latitude 28°35'N running from a point off the east Florida coast near Cape Kennedy, 425 miles due east. All three sections are designed to cross the Gulf Stream system completely and nearly perpendicularly. On 1 May 1972 these sections were shortened by eliminating several stations on the seaward end of the sections.

As a first step toward understanding large scale oceanic processes, U.S. Coast Guard Ocean Station Vessels have occupied standard sections in the North Atlantic since 1964. The goal was to occupy sections A5, A6, and A7 quarterly. Ocean Station Vessels occupied these sections on their return from Ocean Stations BRAVO, CHARLIE, DELTA, and ECHO. U.S. Coast Guard oceanographic ships ROCK-AWAY and EVERGREEN occupied A5, A6, and A7 as required.

DATA ACQUISITION AND PROCESSING

Temperature data were acquired either with paired reversing thermometers on Nansen bottles or with a salinity-temperature-depth sensor system (STD). The acquisition and processing of temperature data from the reversing thermometers generally followed the procedures specified by U.S. Naval Hydrographic Office Publication No. 607 (1955) and La Fond (1951). A PDP-5 or PDP-8 computer was used for thermometer corrections. STD temperature values were read from an analog trace and corrected using reversing thermometer values at the surface and bottom of the cast for quality control.

Salinity values were either determined from a sample collected with teflon-lined Nansen bottles and analyzed on board with inductive salinometers or were read from an analog STD trace, quality controlled by a salinity sample from the surface and bottom of the cast. The salinometers were calibrated with standard (Copenhagen) water at least once per 30 samples. The conductivity values obtained were converted to salinity by use of the International Oceanographic Tables published jointly by UNESCO and the National Institute of Oceanography of Great Britain (1966).

Sampling depths on Nansen casts were determined with paired protected and unprotected

¹U.S. Coast Guard Oceanographic Unit, Washington, D.C. 20390

reversing thermometers or interpolated from L-Z curves based on thermometer performance and wire angle. Procedures used for these determinations were essentially those specified by LaFond (1951). STD sampling depths were determined by pressure sensors and read from an analog trace.

All oceanographic and meteorological data acquired were quality-controlled at Coast Guard Oceanographic Unit (CGOU), then submitted to the National Oceanographic Data Center (NODC) for further processing and data listings (reprinted in Appendix A). The NODC output, in punched card format, was used to construct vertical sections of temperature, salinity, and sigma-t with an incremental plotter using a computer program developed by Richard F.

Johnson. The resulting sections were quality-controlled and smoothed by hand to yield plates of publication quality. The final form of the temperature, salinity and density sections are included in this report (figs. 2-58).

Further details concerning the techniques used to acquire and process these data can be obtained from CGOU.

CRUISE NARRATIVES

During the period 1967-69, a total of 19 occupations of A5, A6, and A7 were completed. Of these, six were on A5, nine on A6, and four on A7.

Table 1. Oceanographic Cruises on Standard Monitoring Sections A5, A6, and A7 during 1967-69.

Cruise No.	Ship	Dates	No. Sta.	NODC Ref. No.
A5-2 ¹	CGC EVERGREEN	17-22 Jan 67	22	31-8006
A5-3	CGC ROCKAWAY	17-20 Nov 67	18	31-8028
A5-4	CGC ROCKAWAY	15-18 Dec 67	19	31-8033
A5-5	CGC EVERGREEN	1-5 Oct 68	18	31-8059
A5-6	CGC YAKUTAT	7-8 Nov 68	12	31-1384
A5-7	CGC YAKUTAT	20-22 Apr 69	18	31-1479
A6-3	CGC EVERGREEN	24-27 Jan 67	15	31-8006
A6-4	CGC ROCKAWAY	13-15 Nov 67	15	31-8028
A6-5	CGC ROCKAWAY	12-14 Dec 67	15	31-8032
A6-6	CGC MENDOTA	8-10 Apr 68	13	31-1262
A6-7	CGC EVERGREEN	7-10 Oct 68	15	31-8060
A6-8	CGC McCULLOCH	3-4 Dec 68	11	31-1386
A6-9	CGC HUMBOLDT	6-8 Jun 69	17	31-1484
A6-10	CGC McCULLOCH	8-10 Sep 69	13	31-1526
A6-11	CGC ABSECON	16-17 Nov 69	15	31-1566
A7-1	CGC EVERGREEN	29 Jan-1 Feb 67	15	31-8006
A7-2	CGC ANDROSCOGGIN	26-28 Jun 67	16	31-1087
A7-3	CGC SEBAGO	24-26 Jun 68	16	31-1273
A7-4	CGC ANDROSCOGGIN	9-11 Dec 69	16	31-8139

¹The A in the cruise number indicates that the standard section is in the Atlantic. The first number is the standard section number and the number after the hyphen is the serial number of the section occupation.

DISCUSSION

Section A5

Standard Section A5 had three major water masses in the upper 1500 meters during 1967 to 1969. Beginning at the coast and proceeding seaward they were Coastal Water, Slope Water and North Atlantic Central Water (NAC). At the surface these water masses were characterized by increasing temperature and increasing salinity as one moved seaward. At a depth of about 1000 meters the water masses all converged toward NAC water (figs. 2-19).

Coastal Water was characterized by a very steep salinity gradient in the vertical and horizontal directions. The vertical salinity gradient was as large as 0.04‰ to 0.08‰ per meter. A surface salinity gradient of 0.1‰ per mile was not unusual near the boundary between Slope Water and Coastal Water. Coastal Water extended to a depth of about 200 meters, the depth of the shelf break, where the salinity reached 34.8‰ – 35.4‰ . Often at the lower boundary of Coastal Water there was a salinity maximum if the salinity reached at least 35‰ . This appeared to be a result of an intrusion of Slope Water beneath the Coastal Water. Whether or not a salinity maximum existed, Coastal Water was underlaid by the more isohaline deeper portions of the Slope Water. Coastal Water covered the continental shelf and slope. It extended beyond the shelf break by 50 to 100 nmi on A5.

Above the seaward edge of the continental slope and extending at times almost 300 miles beyond the Coastal Water was a water mass known as Slope Water. As pointed out by Iselin (1936), Slope Water has properties intermediate between the Coastal Water and the waters of the Gulf Stream. At the location of standard section A5, Slope Water had a lateral extent varying from about 40 nmi to about 280 nmi. The wide variation in the lateral extent of Slope Water was more a function of the Gulf Stream position than a function of Coastal Water position.

In most cases, the isohalines and isotherms of the A5 section were fairly level in the Slope

Water region with the notable exception of section A5-4 (figs. 8 and 9). On this particular section taken in December 1967 there was an apparent anticyclonic eddy centered on station nine. This eddy had a salinity maximum of greater than 36.6‰ and a temperature greater than 19°C at 100 meters. The upper 50 to 75 meters of the eddy had been eroded, probably due to the storms and cooling present at this time of year. This eddy must have disconnected from the Gulf Stream only a short time before the section was taken since the core of the eddy was only about 30 nmi from the axis of the Gulf Stream as defined by the 15°C isotherm at 200 meters. This eddy was very shallow and appeared only in the upper 300 meters although it affected isopleths of temperature and salinity down to 600–700 meters.

The isopycnals of the Slope Water broke fairly sharply at the edge of the Gulf Stream and curved downward toward the east, but between the Slope Water and the Coastal Water there was no such break. The isopycnals generally sloped upward to the west in the Slope Water—Coastal Water region. Slope Water deeper than about 100–125 meters had characteristics very close to that of NAC Water, only slightly less saline ($.020\text{‰}$ to $.025\text{‰}$) based on a least squares analysis of the data.

The high speed core of the Gulf Stream was delineated by the 15°C isotherm at 200 meters. This core also formed the shoreward boundary of NAC Water. Normally at a temperature of 8° – 9°C Slope Water merged into NAC Water.

In one very interesting instance Slope Water appeared to the east of the Gulf Stream at 800 to 950 meters. This water was normally at 150 to 300 meters in the Slope Water region. This took place on section A5-4 where the Gulf Stream appeared to make a loop of about 180 nmi diameter (figs. 8, 9, and 10). The water in the center of the loop had the characteristics of NAC down to about 500 meters (fig. 60). Below that it began to have the lower salinity characteristic of Slope Water. At 800 meters to 950 meters the water in the loop coincided exactly with Slope

Water. Apparently what had happened was that the loop formed rapidly and pushed to the north and west causing a convergence of Slope and Gulf Stream Waters which then were forced below the Gulf Stream into a position normally occupied by NAC Water.

At a point just below the seaward edge of Coastal Water and extending at times into the Slope Water was a narrow band of water with a salinity much below that of either NAC or Slope Water for a given temperature. This water type appeared as a bulge on T-S diagrams of A5-3 and A5-4 (figs. 59 and 60) at about 5° – 7°C and 34.7‰ – 34.9‰ and a depth of 250–500 meters. Subarctic intermediate water was the most likely source for this water type.

There was a salinity maximum at the eastern end of some of the A5 sections which appeared at a depth of 1000–1300 meters on A5-2 and A5-3 (figs. 2 and 5). The salinity was about 35.01‰ to 35.04‰ and had a sigma-t of 27.6–27.7. The temperature was about 0.5°C higher than immediately to the west. This most likely was the western extent of Mediterranean influence.

Section A6

Section A6 was dominated by North Atlantic Central Water (NAC) (figs. 20-46). There was a band on the shoreward end of Section A6 which was occupied by the Gulf Stream, although the Gulf Stream was rarely crossed completely during sampling. The Gulf Stream was located about at the shelf break. No pronounced eddies appeared in any of the sections. What might have been a weak decayed eddy was centered on station eight of A6-8 (figs. 35-37). No effect was seen in the upper 200 meters of water.

The main feature of NAC Water on A6 was the broad band of water centered on the 18°C isotherm that was characterized by low gradients of both salinity and temperature. This layer existed on all sections in both summer and winter. The pycnocline, about 26.4 sigma-t, which approximated the position of the 18°C isotherm, never completely broke down in this area. The

water in this layer which divided the upper and lower pycnocline must have been formed elsewhere. The gradient of temperature in this layer of low gradient was .004 or .005 $^{\circ}\text{C}/\text{m}$ year round. The thermocline below the low gradient layer had a constant gradient of approximately .020 to .025 $^{\circ}\text{C}/\text{m}$. The surface thermocline on the other hand had a highly variable temperature gradient that varied from .02 $^{\circ}\text{C}/\text{m}$ in January 1967 to .17 $^{\circ}\text{C}/\text{m}$ in October 1968. In January 1967, the mixed layer depth was approximately 130 meters. In February and March the mixed layer deepened, but it was never deeper than 200 meters since the gradient from 200-500 meters was constant as stated above.

The 18°C isotherm formed an inflection point between the positive curvature of the deep thermocline and the negative curvature of the temperature in the shallow thermocline. If mixing does not take place down to 500 meters what accounts for the layer 300 meters thick which is relatively uniform? This water mass matched very closely the 18°C water of Worthington (1959) which was characterized by an inflection point at $17.9 \pm 0.3^{\circ}\text{C}$ and $36.50 \pm 0.10\text{‰}$. The combination of the mean sea surface temperature by one degree squares (Gulf Stream Reports, 1969) for January, February and March with the mean surface salinity (USNOO, 1967) for the first quarter of the year gave a possible area for the formation of 18°C water. This gave an area in January (fig. 61) roughly between 36°N to 40°N and 55°W to 60°W . By February this potential formation area covered 33°N to 40°N and 55°W to 70°W (fig. 62). In March the area stayed much as in February and was 32°N to 39°N and 55°W to 71°W (fig. 63). Not surprisingly the 18°C surface water had a salinity in this area that closely matched the 36.50‰ salinity for 18°C water formation. Temperatures to the south were too high and salinities to the north were too low to form the required 27.4 sigma-t. The mean sea surface temperature by 1° squares was not computed east of 55°W . A6 lies directly to the south of this potential formation area. This is an explanation why the 18°C water layer exists at A6 while mixing there did not reach

deeper than 130 meters. Unfortunately, no sections were taken in February and March when the conditions are most suitable for the formation of this water type.

Section A7

The waters of the Florida Current crowded closely to the coast of Florida on section A7, extending over the Blake Plateau for about 50 nmi. The Blake Plateau itself was about 150 nmi wide in this region (figs. 47-58). East of the Florida Current was a broad region of NAC Water which extended to the end of the section. As on section A6, the most pronounced feature of section A7 was the 18°C water layer which separated the seasonal from the permanent thermocline. Other interesting features were the apparent remnants of cyclonic eddies on A7-2 centered on station 10 and on A7-3 centered on station 6. These eddy-like features did not penetrate nearer the surface than the 18°C water layer at about 250 meters. Sections A7-1 and A7-4 had nearly hori-

zontal isopleths of salinity and temperature indicating that the eddy-like structures were indeed transient.

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Appendix A.—Oceanographic Data

Cruises Listed

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Codes Utilized

A complete description of the codes utilized in the tabulation of oceanographic station data can be found in National Oceanographic Data Center publication M-2, Processing Physical and Chemical Data from Oceanographic Stations, (Rev. August 1964, supplement issued May 1966.)

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

Depth to Bottom.....	Uncorrected sounding in meters.
Max. Depth of Samples.....	Depth of deepest sample to nearest multiple of one hundred meters.
Wave observations	
DIR.....	Rounded to nearest multiple of 10 degrees.
HGT.....	Increments of 1/2 m. Sum of 5 meters plus increments of 1/2 m if 50 is added to direction.
PER.....	If numerals 2 through 9 are entered, period in seconds is twice the numeric entry or 2X (numeric entry) + 1. For other entries see WMO Code 3155.
SEA.....	Sea state according to WMO Code 3700.
Weather Code.....	If preceded by X, weather according to WMO Code 4501. If a two-digit entry, weather according to WMO Code 4677.
Cloud Code	
Type.....	Cloud type according to WMO Code 0500.
Amount.....	Cloud amount in eighths. Entry of the numeral 9 indicates cloud amount could not be estimated.

Water	
Color Code	Color according to Forel-Ule scale.
Trans	Transparency in whole meters as determined by Secchi disc.
Wind	
Dir.	Rounded to nearest multiple of 10 degrees.
Speed.....	Letter S indicates wind speed in knots.
Barometer.....	Barometric pressure given in tens, units and tenths of millibars.
Air Temp. °C.....	Air temperature to tenths of a degree Celsius.
Vis. Code.....	Visibility according to WMO Code 4300.
No. obs. depths.....	Number of observed levels associated with the station.
Messenger time	Entered in hours and tenths of an hour GMT. For Nansen casts, indicates time of release of messenger applicable to the observational level. For STD casts, indicates the starting time of lowering the sensor.
Card type	OBS designates observed levels. STD indicates the values at this standard level were interpolated by a modified 3-point LaGrange formula.
Depth (m).....	Depth to nearest meter. A postscript T indicates depth was obtained thermometrically; Z indicates uncorrected "wire out" depth. Postscript Q indicates value was marked doubtful by originator; P indicates value was considered doubtful by NODC. Postscripts P and Q retain this meaning throughout the following entries.
T °C	Temperature to hundredths of a degree Celsius.
S ‰.....	Salinity in parts-per-thousand.
SIGMA-T	Entered to hundredths.
Specific-volume.....	Multiply entry by 10^{-7} to obtain specific-volume anomaly in cubic centimeters per gram.
$\Sigma\Delta D$ Dyn. $M \times 10^3$	Multiply entry by 10^{-3} to obtain anomaly of dynamic depth in dynamic meters referenced to the sea surface.
Sound Velocity.....	Sound velocity according to Wilson's formula entered to tenths of a meter per second.

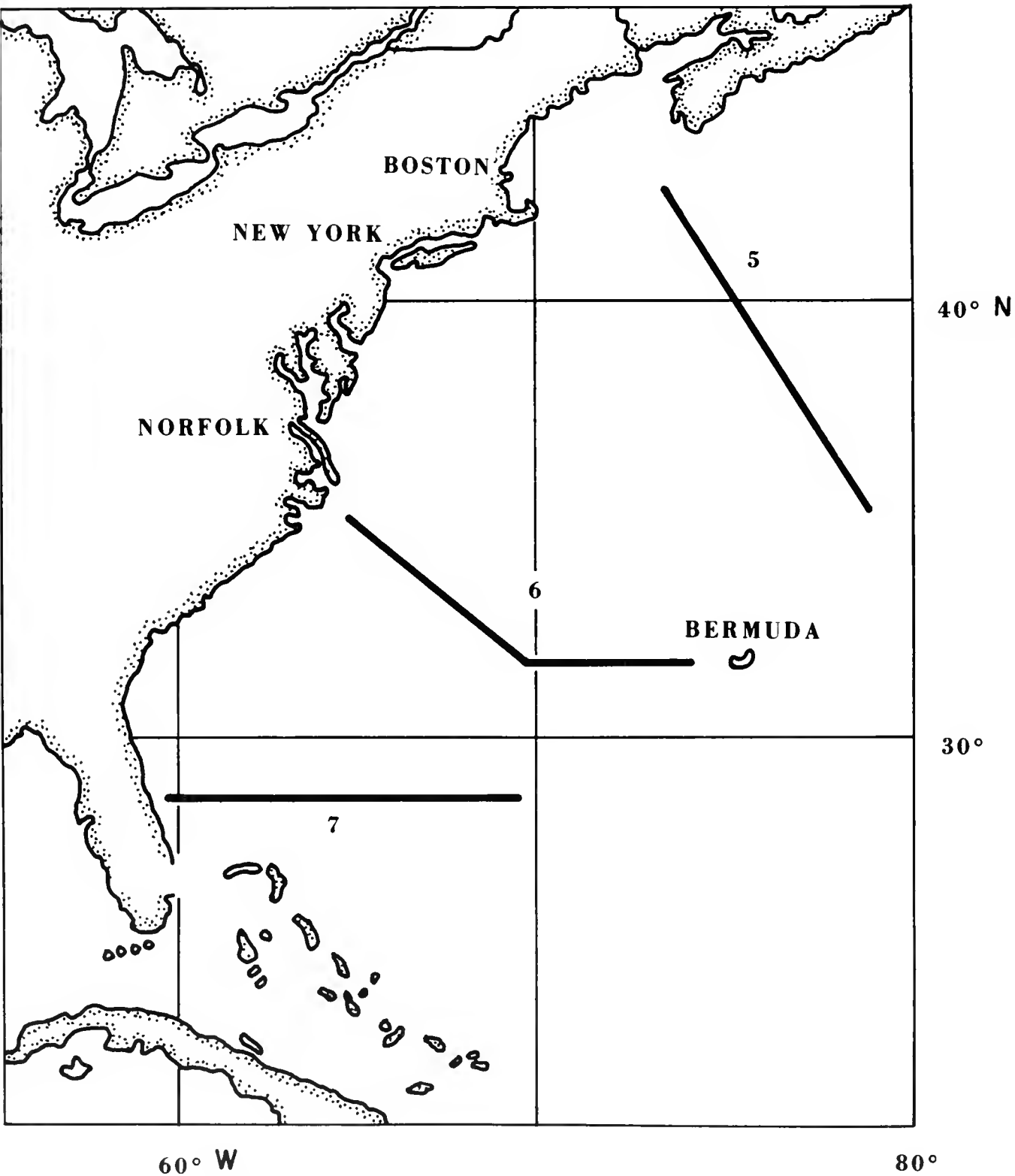


Figure 1.—Location of Standard Monitoring Sections A5, A6, and A7.

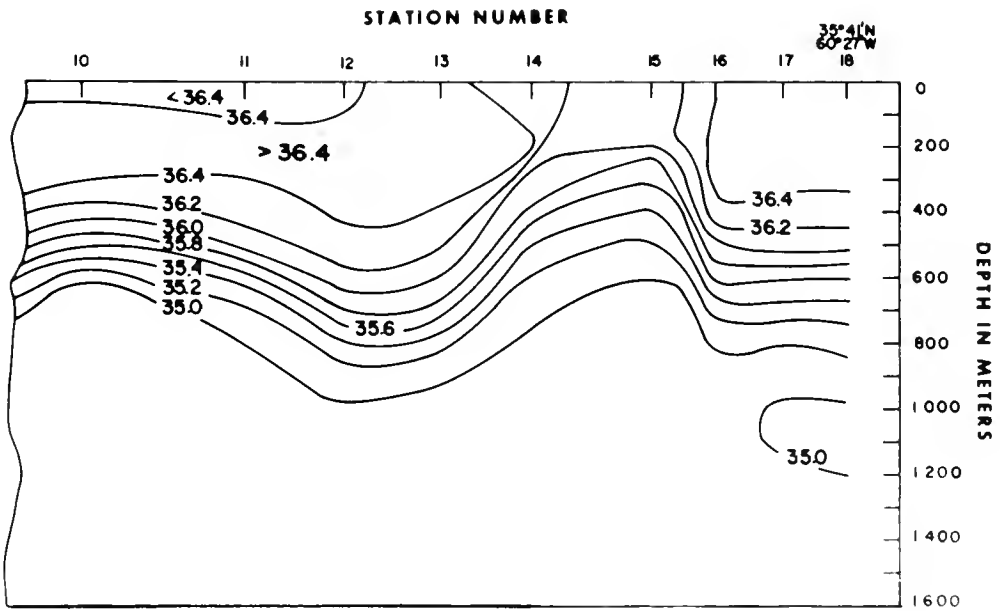
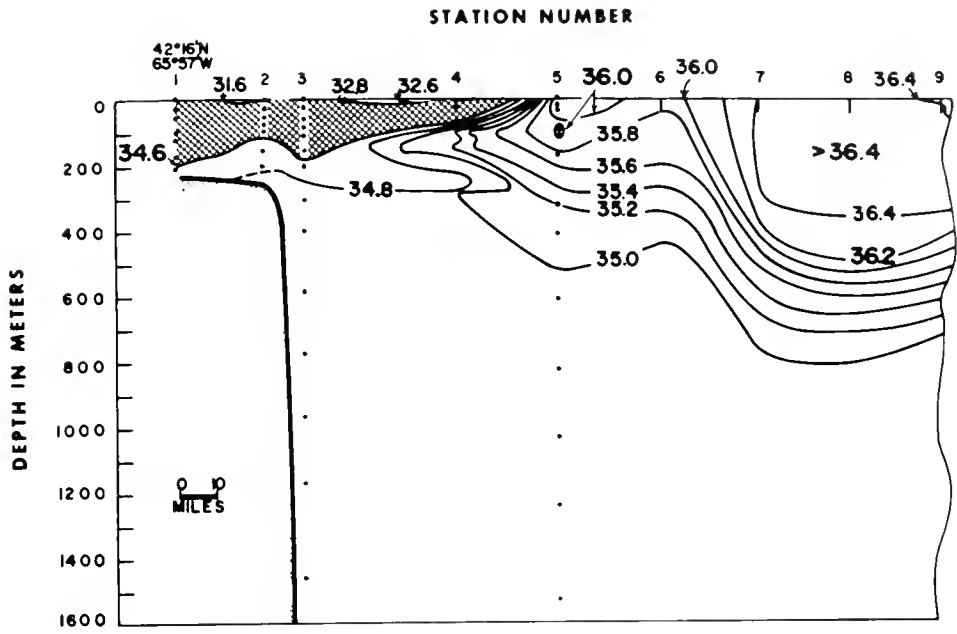


Figure 2.—Vertical section of salinity (‰), A5-2, CGC EVERGREEN, 17–22 January 1967, stations 1-18. (Area of intense halocline indicated by crosshatching).

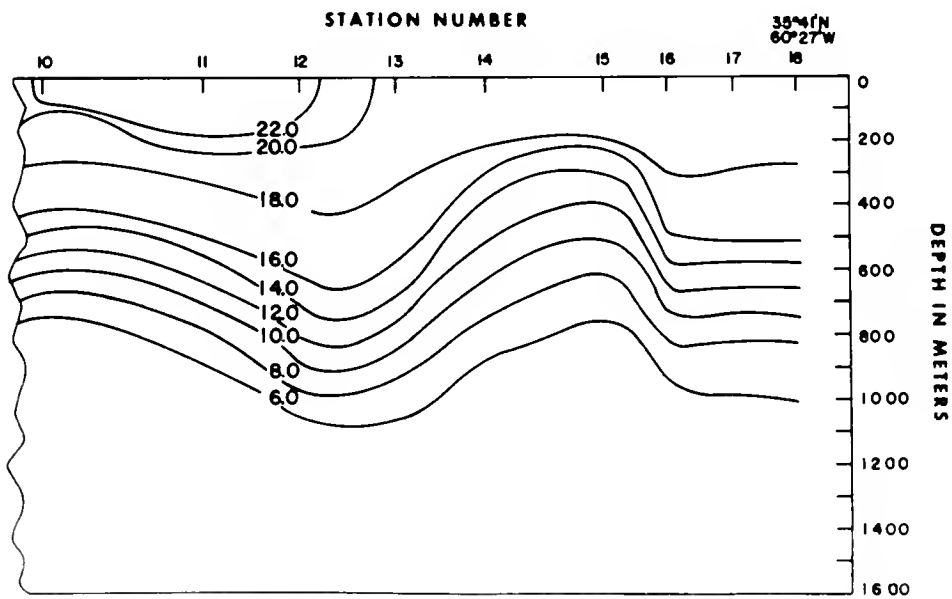
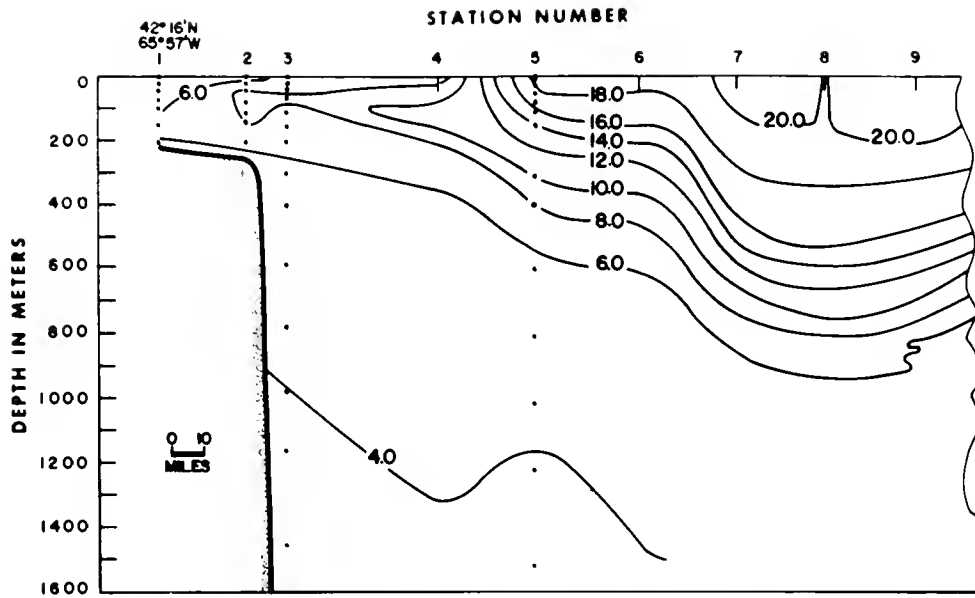


Figure 3.—Vertical section of temperature (°C). A5-2, CGC EVERGREEN, 17-22 January 1967, stations 1-18.

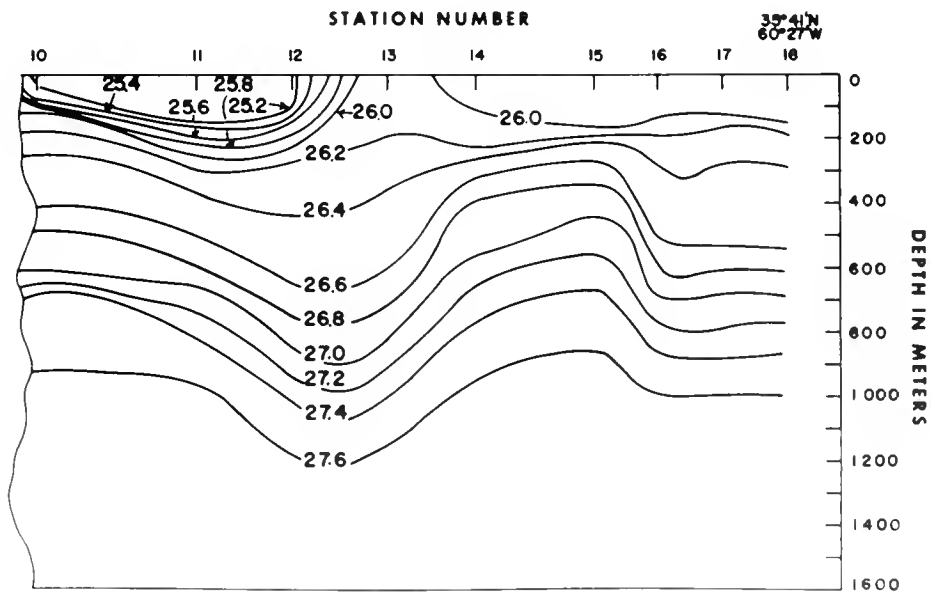
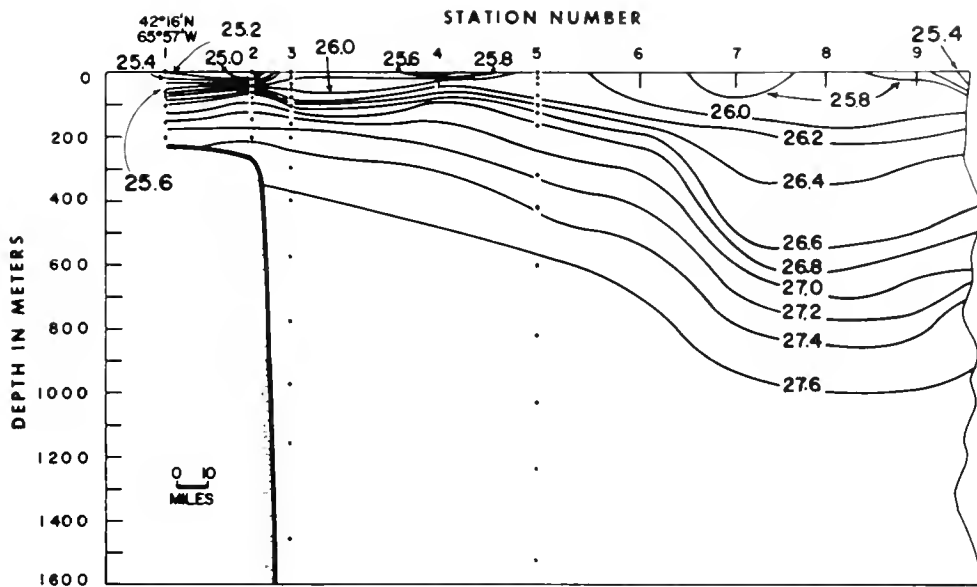


Figure 4.—Vertical section of $\sigma\text{-t}$ ($\text{g}/10^3 \text{ cm}^3$). A5-2, CGC EVERGREEN, 17-22 January 1967, stations 1-18.

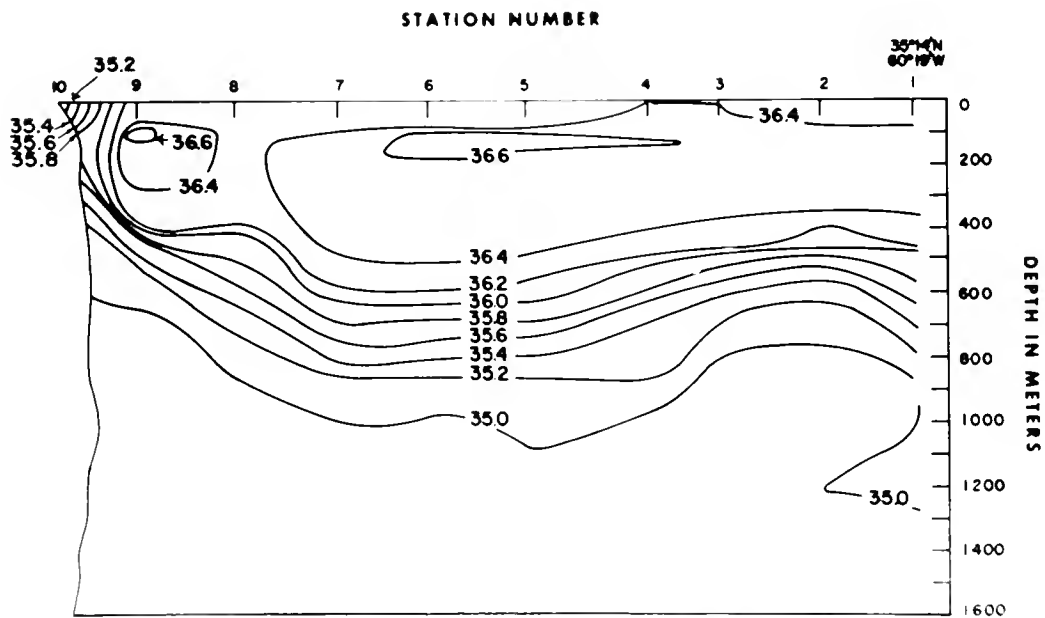
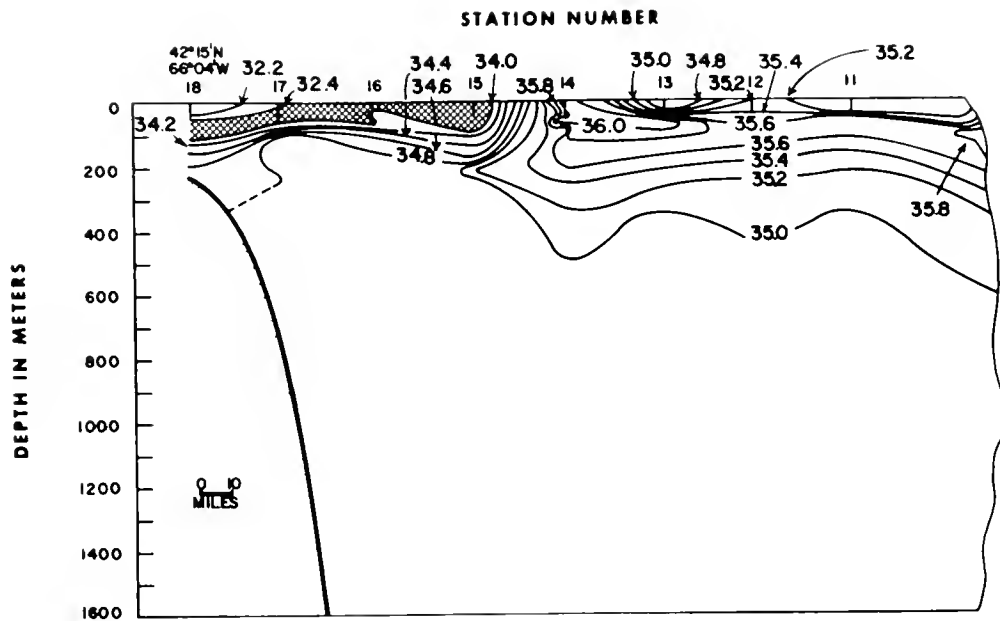


Figure 5.—Vertical section of salinity (‰). A5-3, CGC ROCKAWAY, 17-20 November 1967, stations 1-18. (Area of intense halocline indicated by crosshatching).

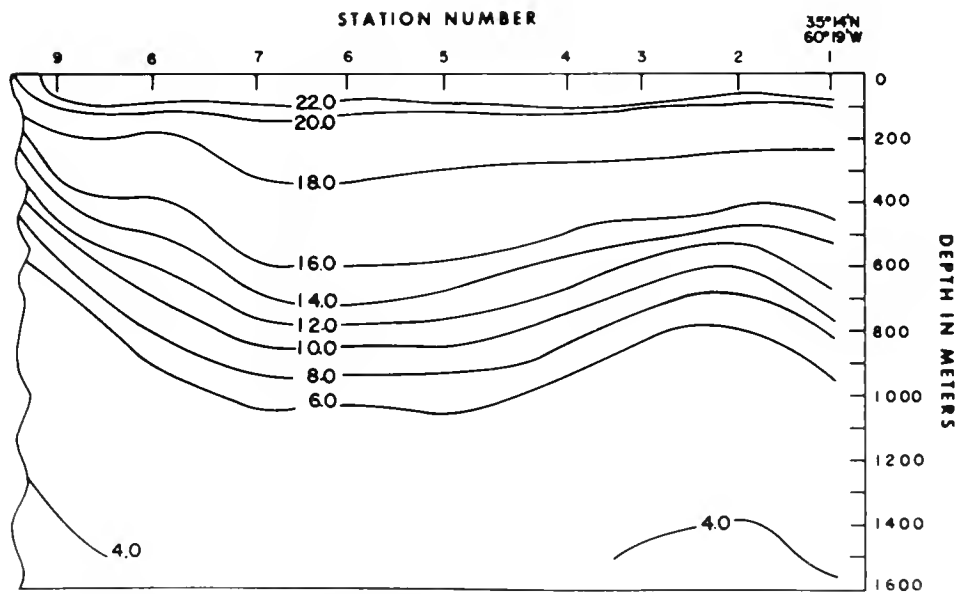
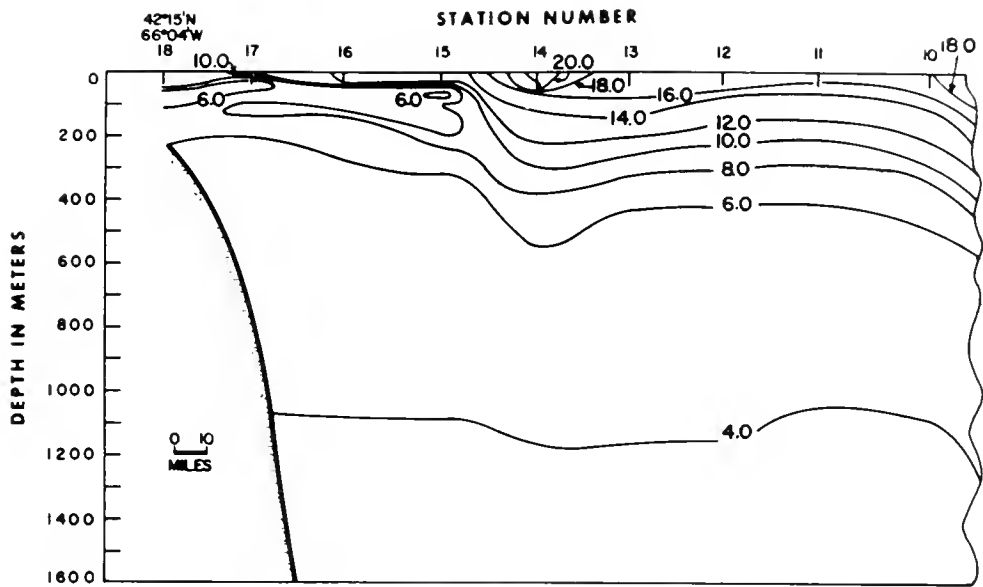


Figure 6.—Vertical section of temperature (°C). A5-3, CGC ROCKAWAY, 17-20 November 1967, stations 1-18.

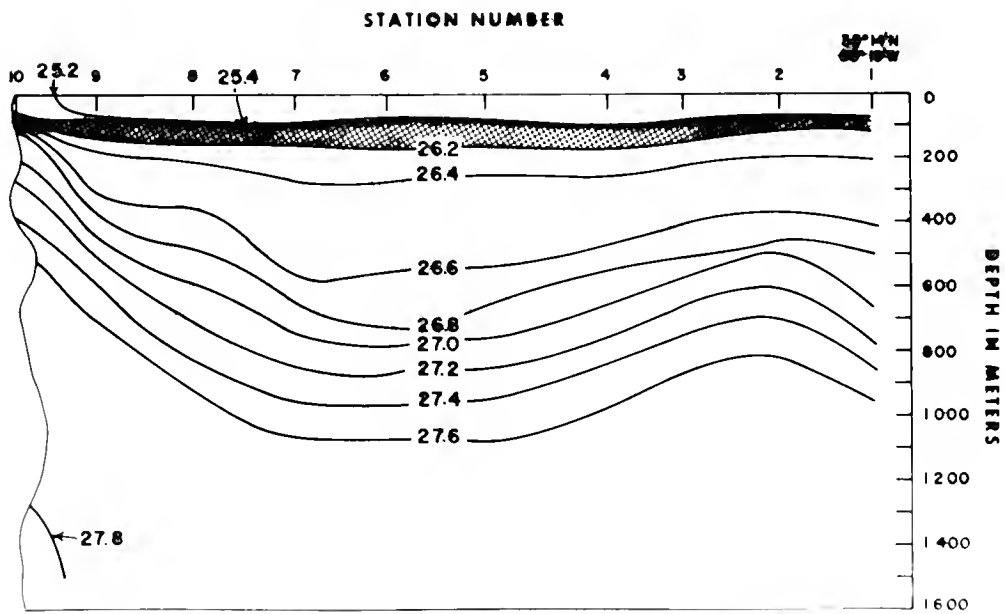
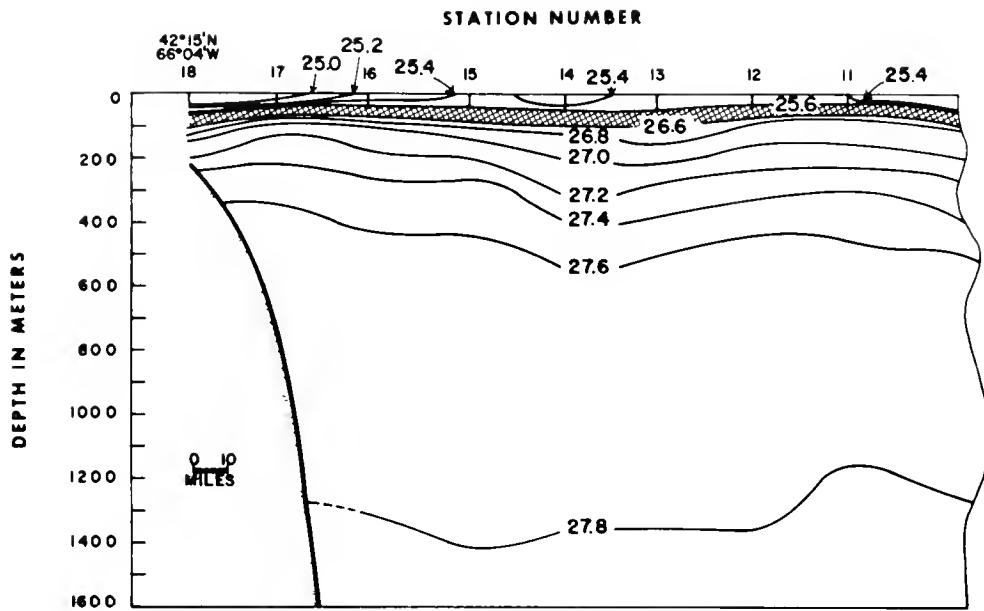


Figure 7.—Vertical section of $\sigma\text{-t}$ ($\text{g}/10^3 \text{ cm}^3$). A5-3, CGC ROCKAWAY, 17-20 November 1967, stations 1-18. (Area of intense pycnocline indicated by crosshatching).

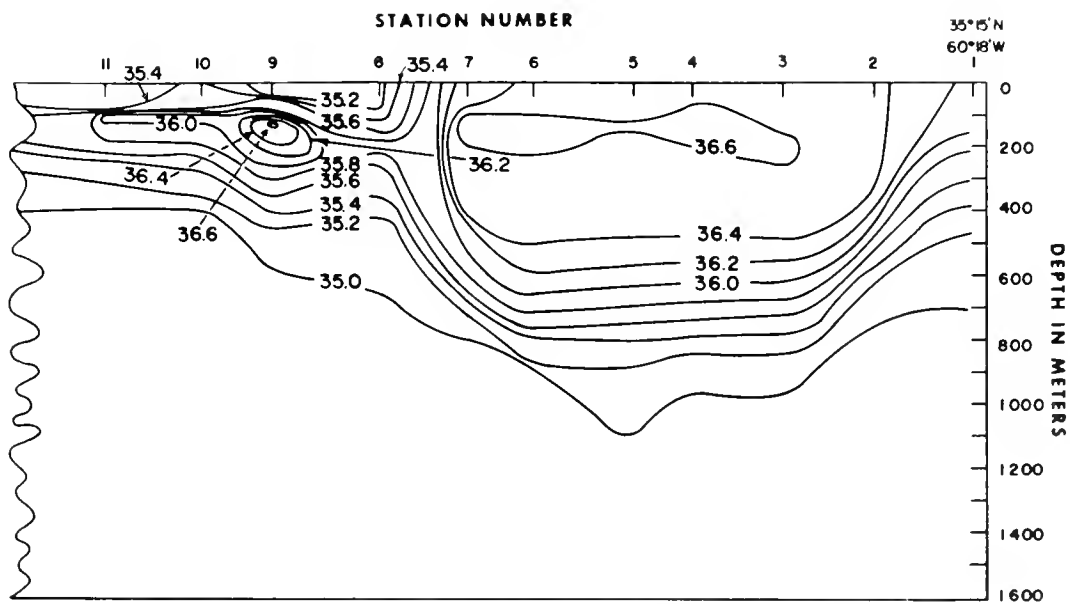
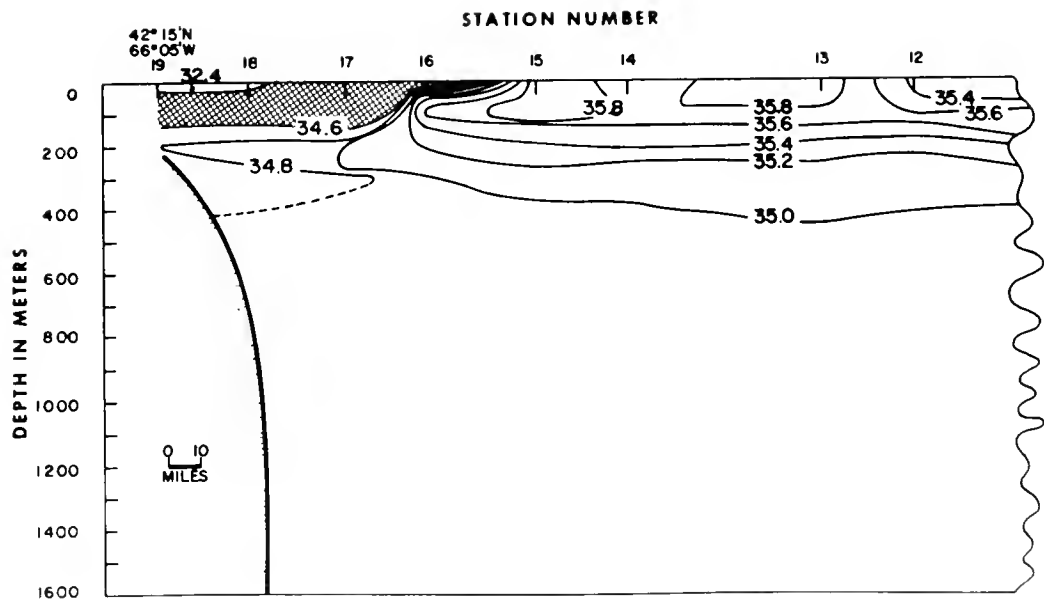


Figure 8.—Vertical section of salinity (‰). A5-4, CGC ROCKAWAY, 15–18 December 1967, stations 1-19. (Area of intense halocline indicated by crosshatching).

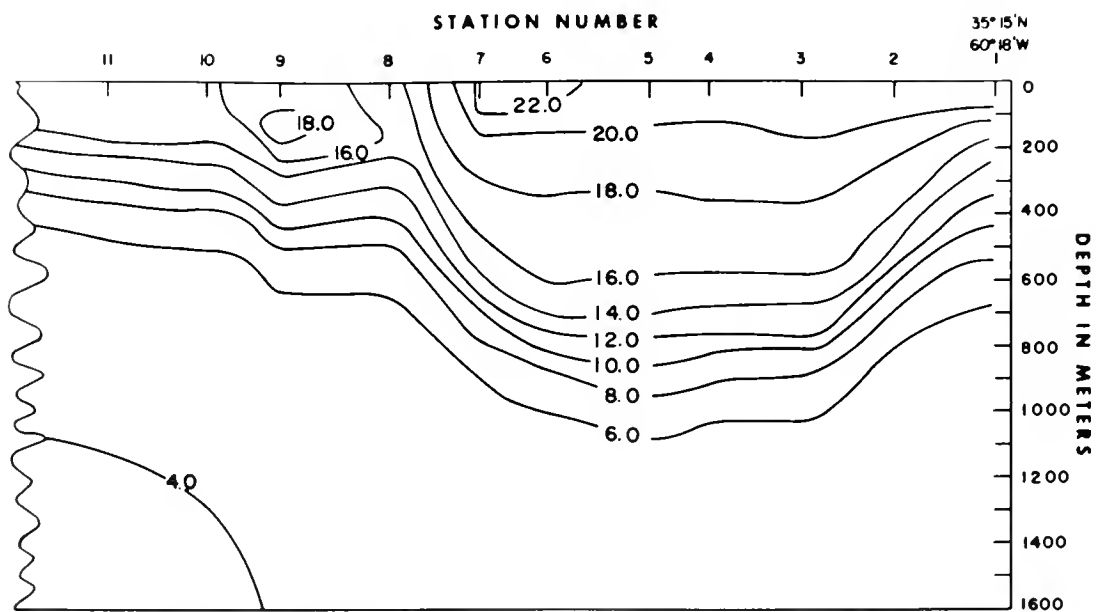
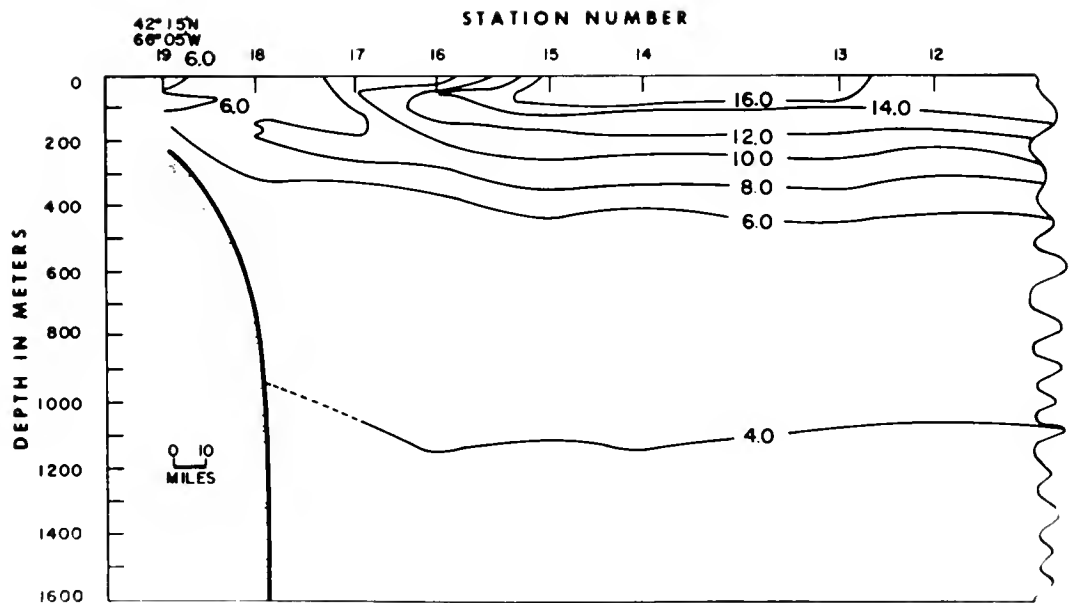


Figure 9.—Vertical section of temperature (°C). A5-4, CGC ROCKAWAY, 15-18 December 1967, stations 1-19.

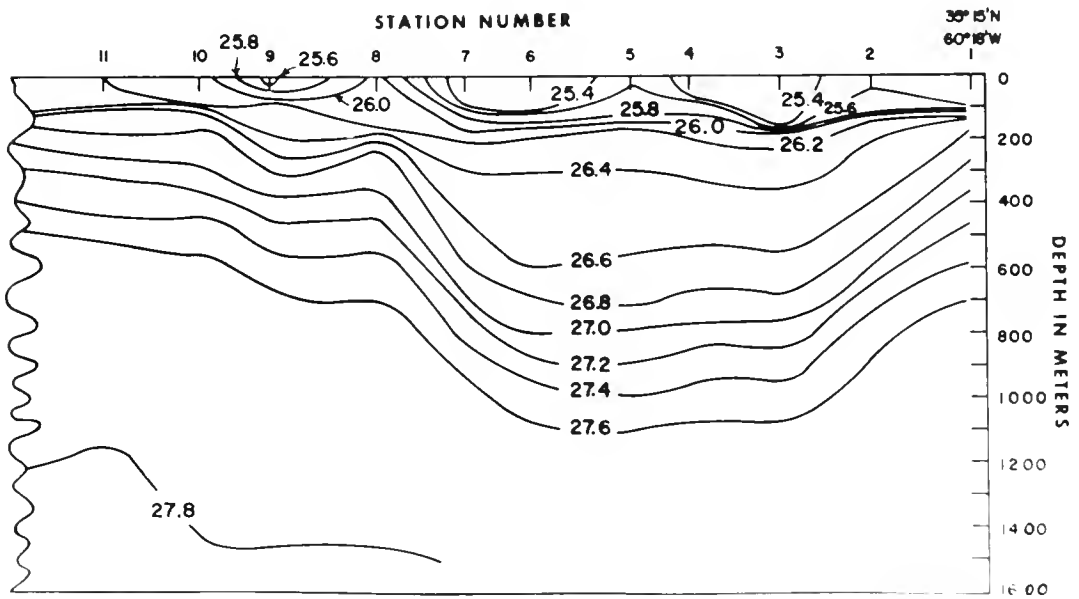
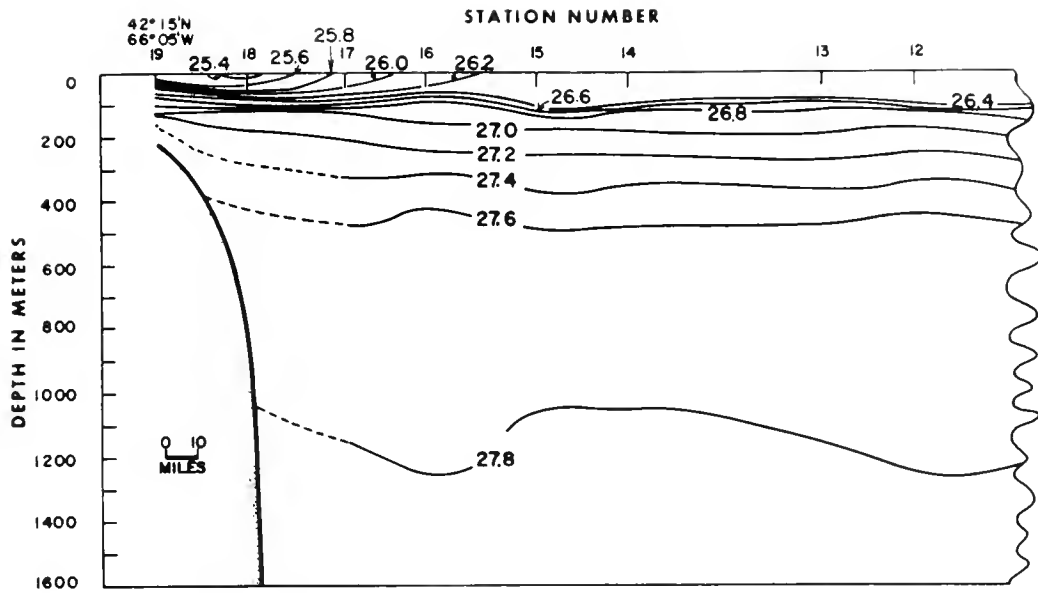


Figure 10.—Vertical section of sigma-t ($g/10^3 \text{ cm}^3$). A5-4, CGC ROCKAWAY, 15-18 December 1967, stations 1-19.

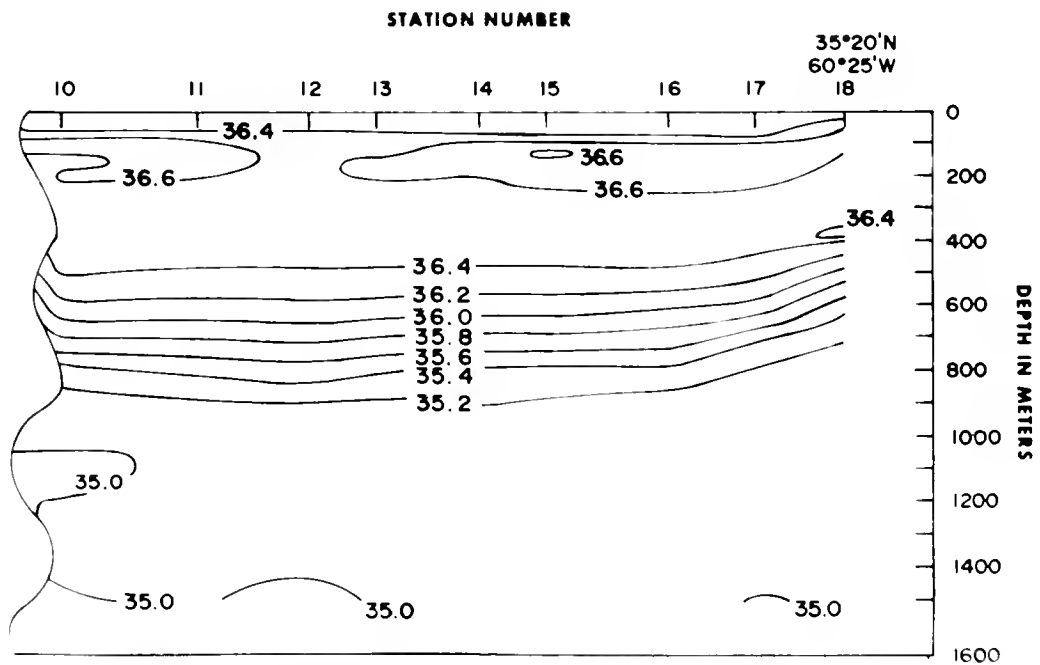
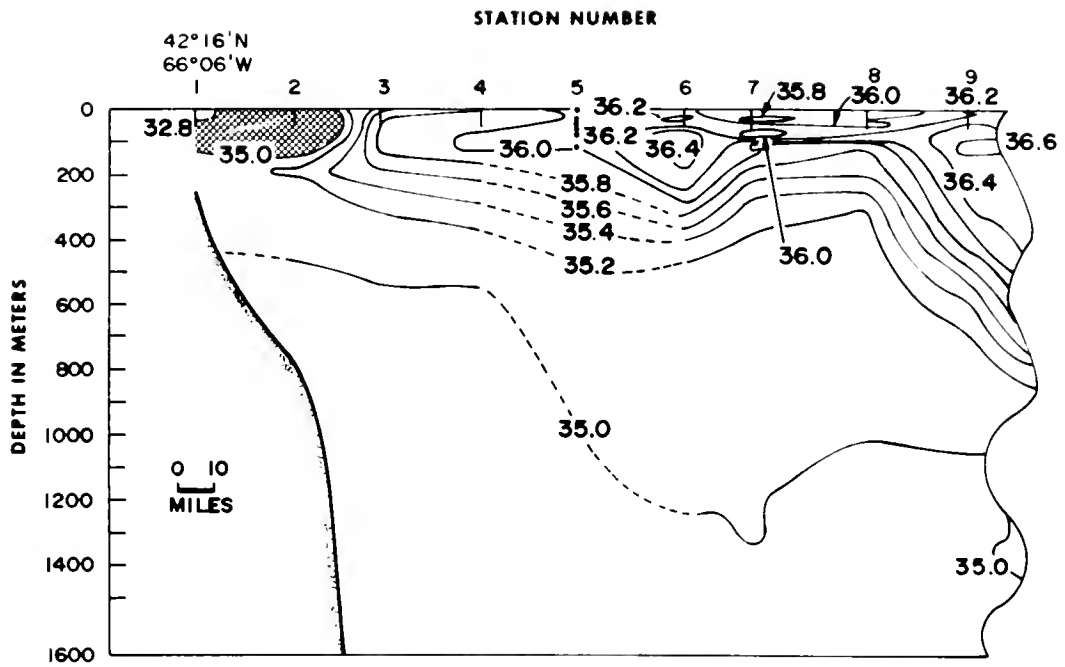


Figure 11.—Vertical section of salinity (‰). A5-5, CGC EVERGREEN, 1-5 October 1968, stations 1-18. (Area of intense halocline indicated by crosshatching).

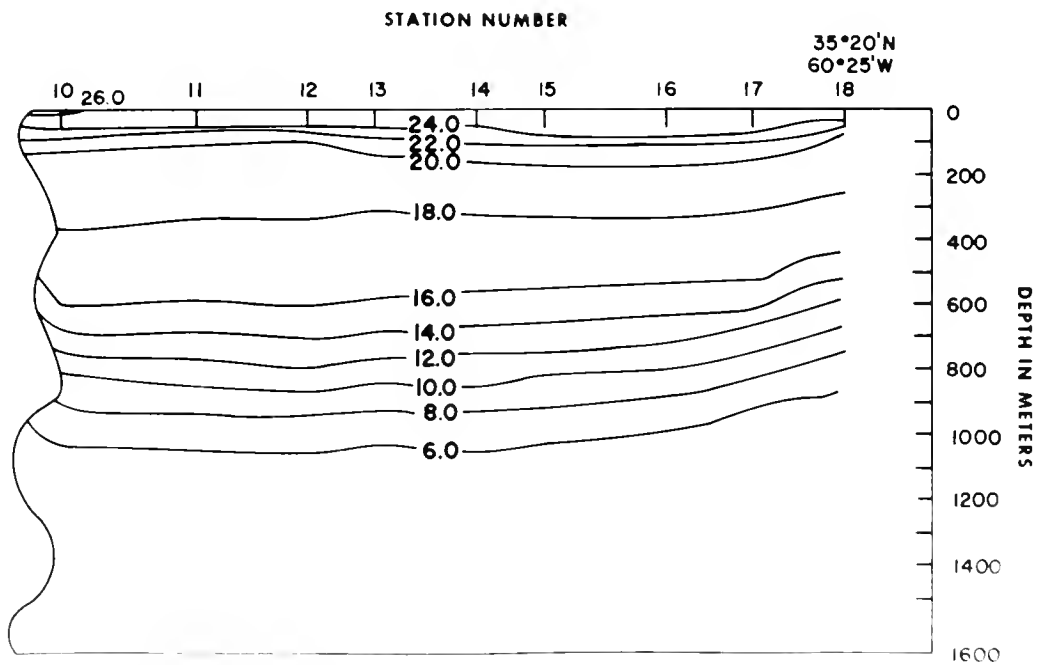
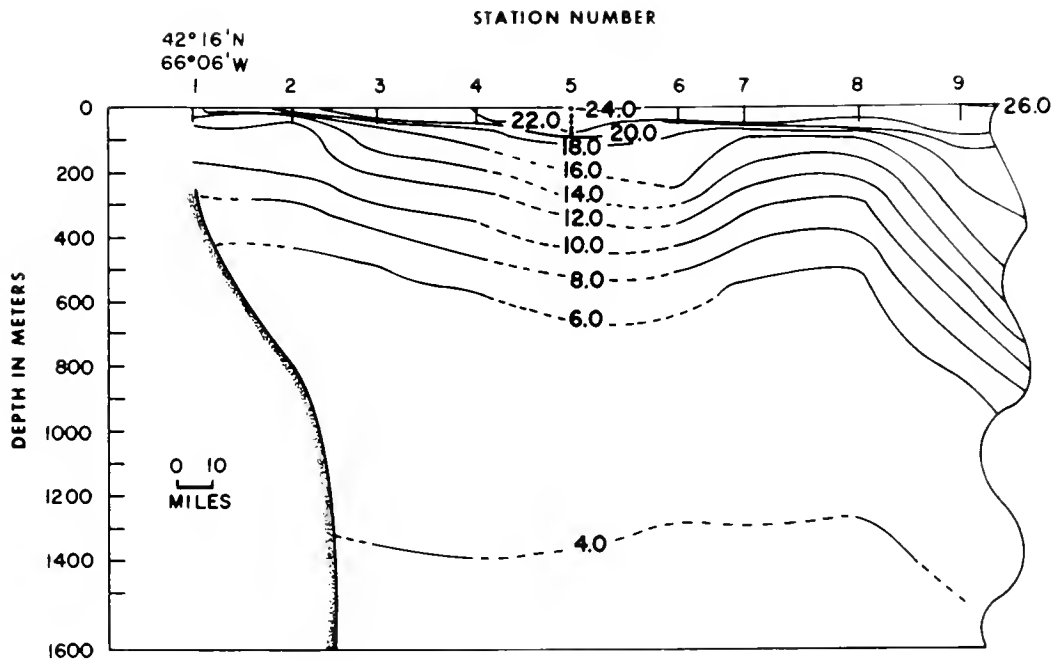


Figure 12.—Vertical section of temperature (°C), A5-5, CGCEVERGREEN, 1-5 October 1968, stations 1-18.

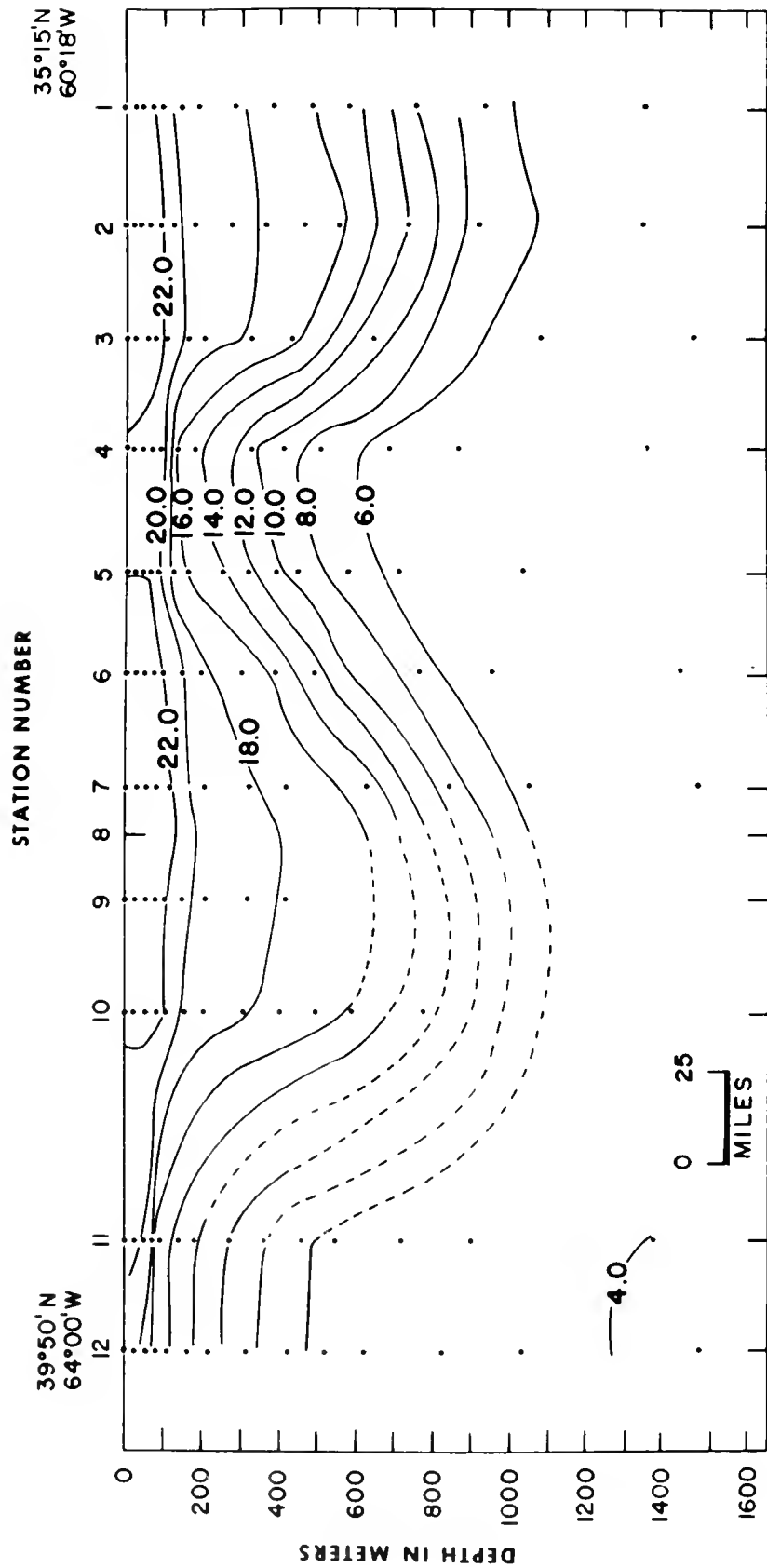


Figure 15.—Vertical section of temperature (°C). A5-6, CGC YAKUTAT, 7-8 November 1968, stations 1-12.

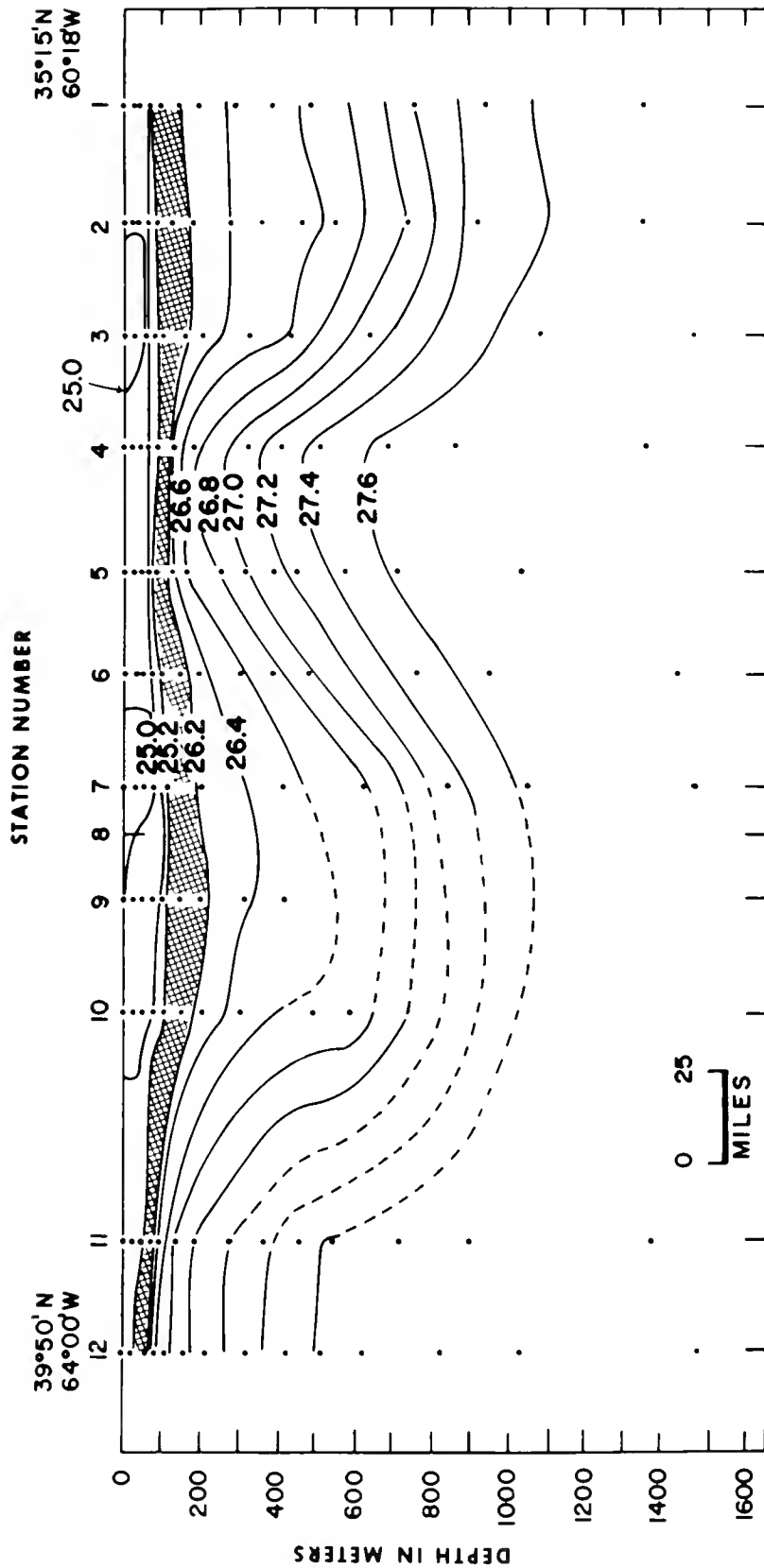


Figure 16.—Vertical section of sigma-t ($\text{g}/10^3 \text{ cm}^3$), A5-6, CGCYAKUTAT, 7-8 November 1968, stations 1-12. (Area of intense pycnocline indicated by crosshatching).

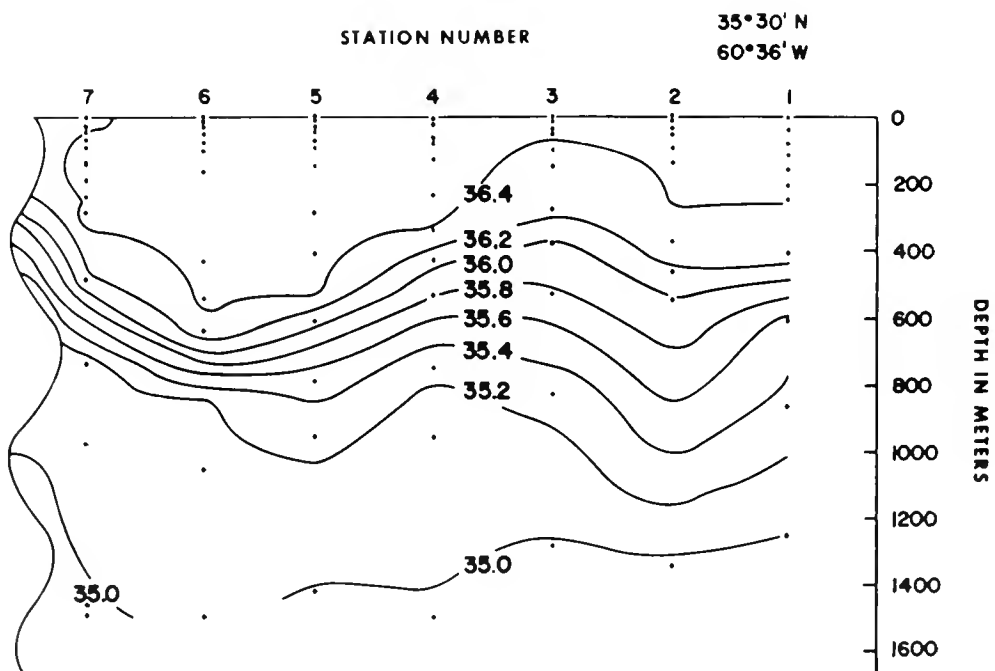
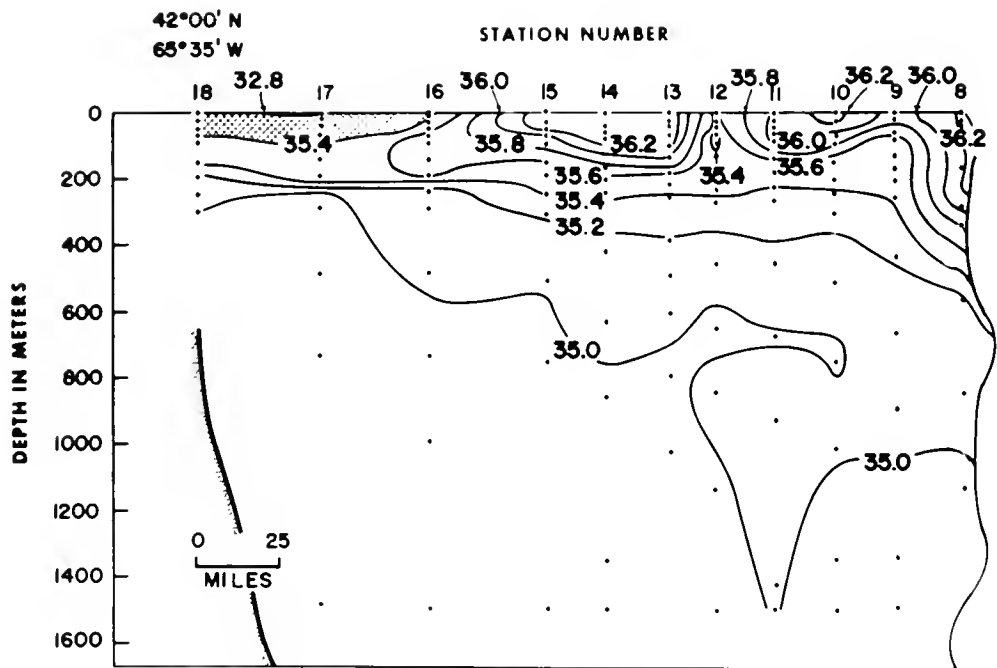


Figure 17.—Vertical section of salinity (‰), A5-7, CGC YAKUTAT, 20-22 April 1969, stations 1-18. (Area of intense halocline indicated by crosshatching).

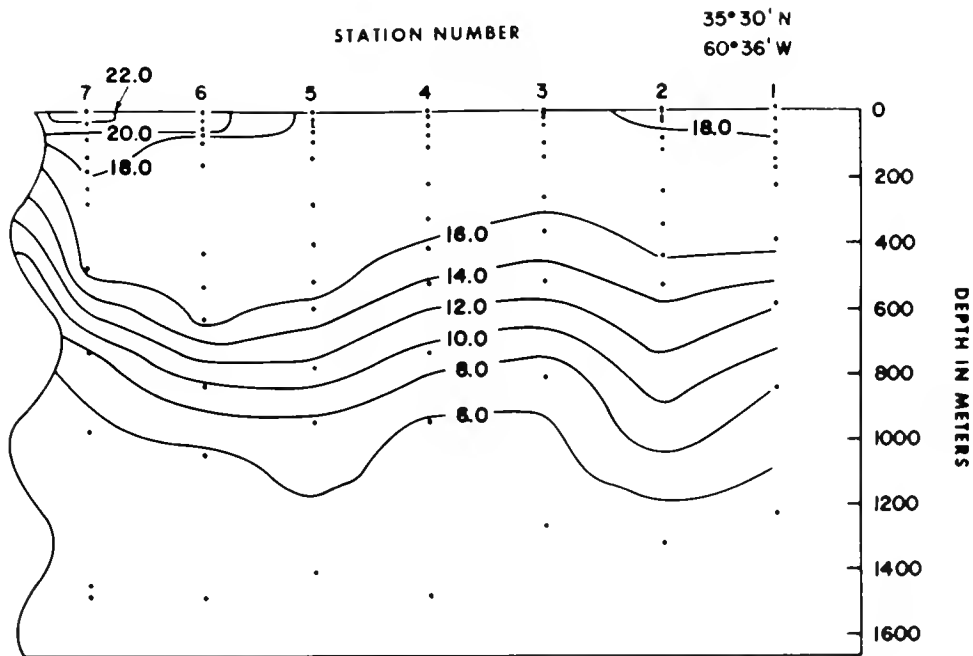
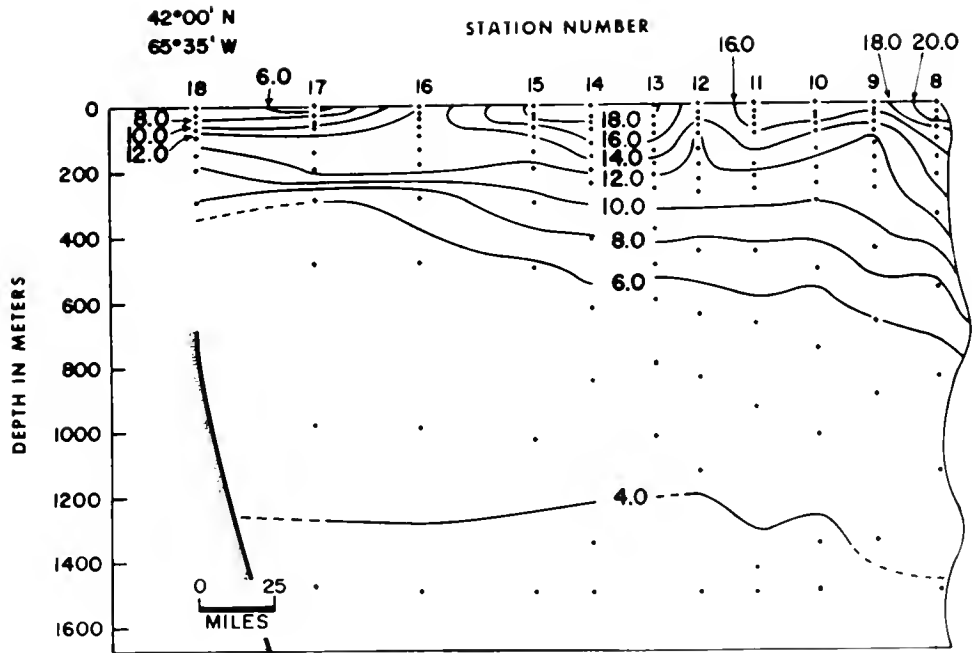


Figure 18.—Vertical section of temperature ($^{\circ}$ C), A5-7, CGC YAKUTAT, 20-22 April 1969, stations 1-18.

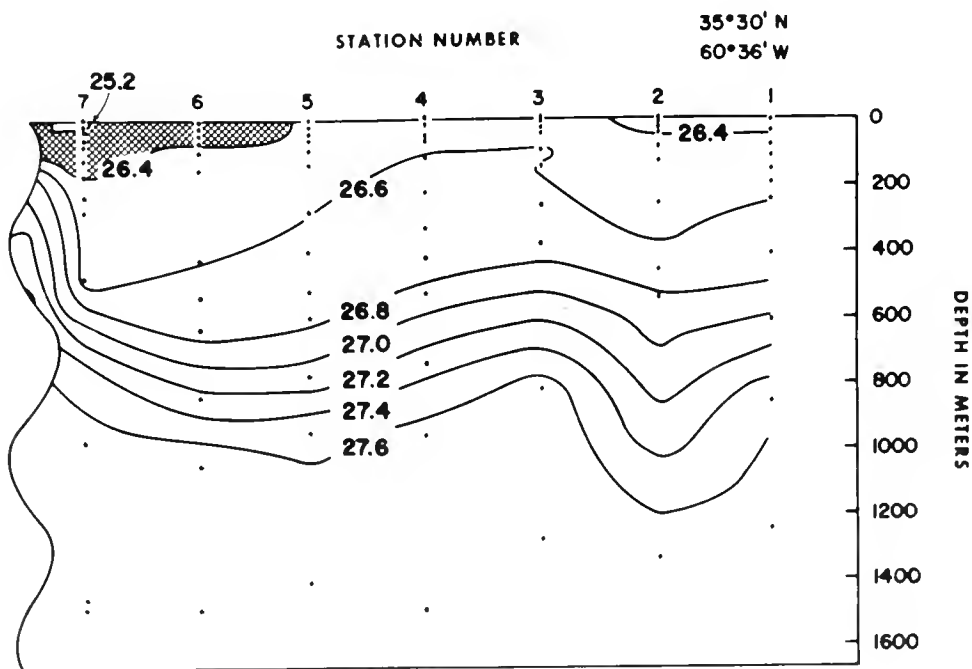
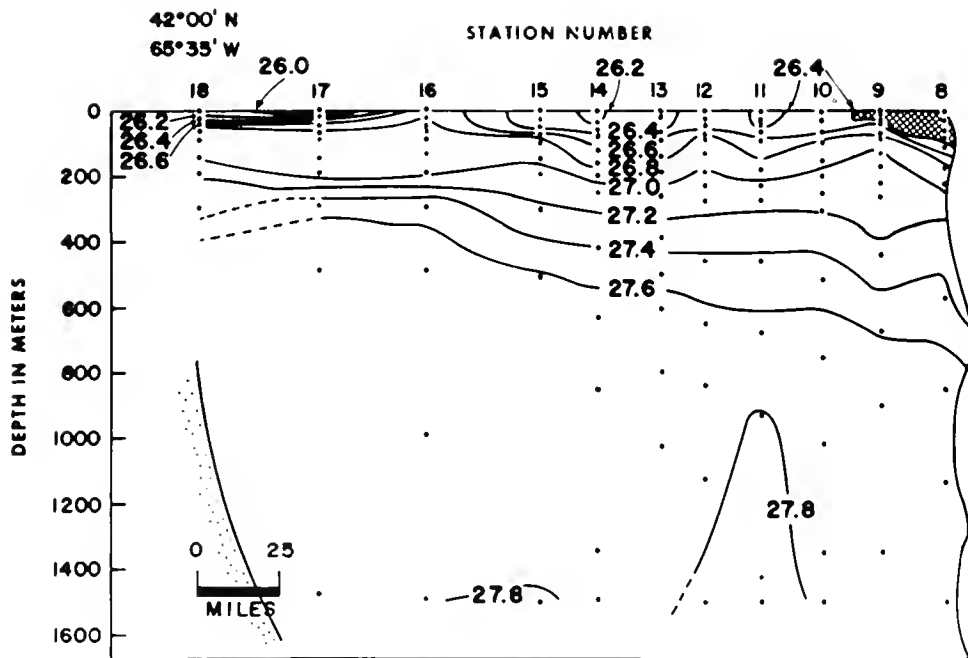


Figure 19.—Vertical section of sigma-t ($g/10^3 \text{ cm}^3$). A5-7, CGC YAKUTAT, 20–22 April 1969, stations 1-18. (Area of intense pycnocline indicated by crosshatching).

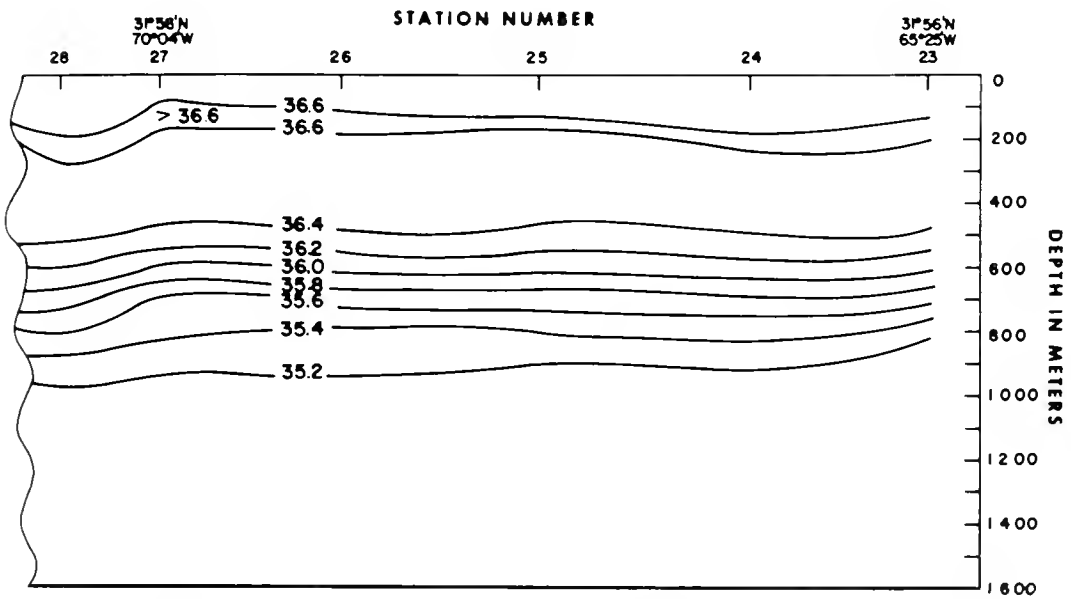
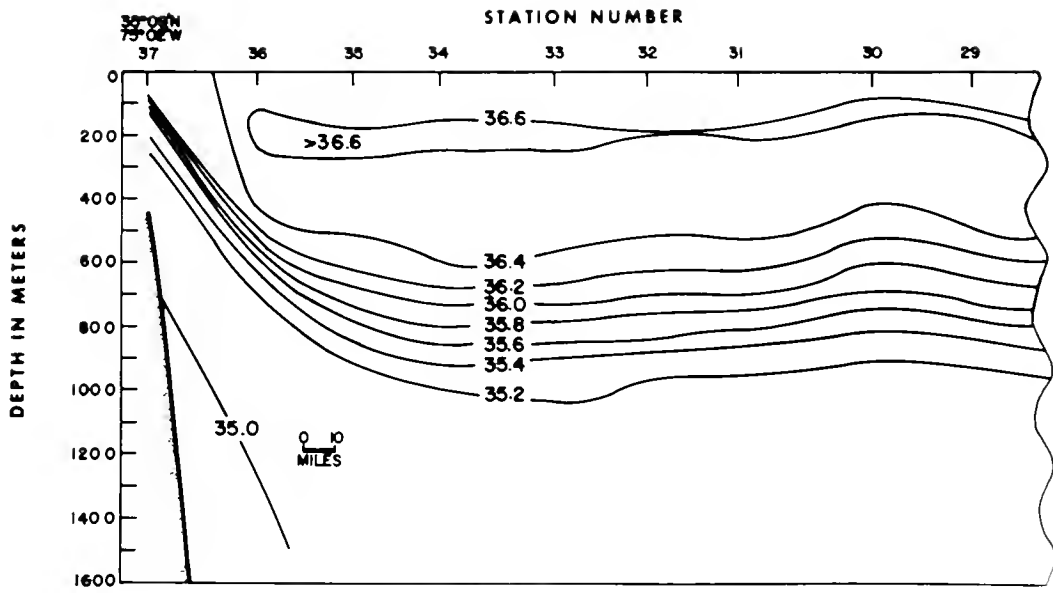


Figure 20.—Vertical section of salinity (‰). A6-3, CGC EVERGREEN, 24–27 January 1967, stations 23-37.

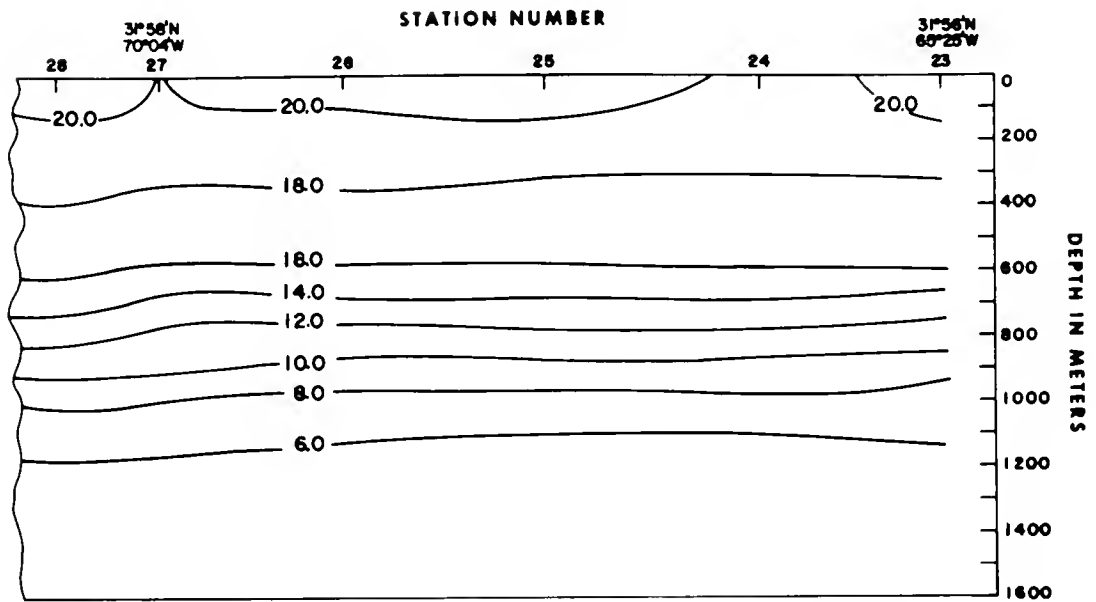
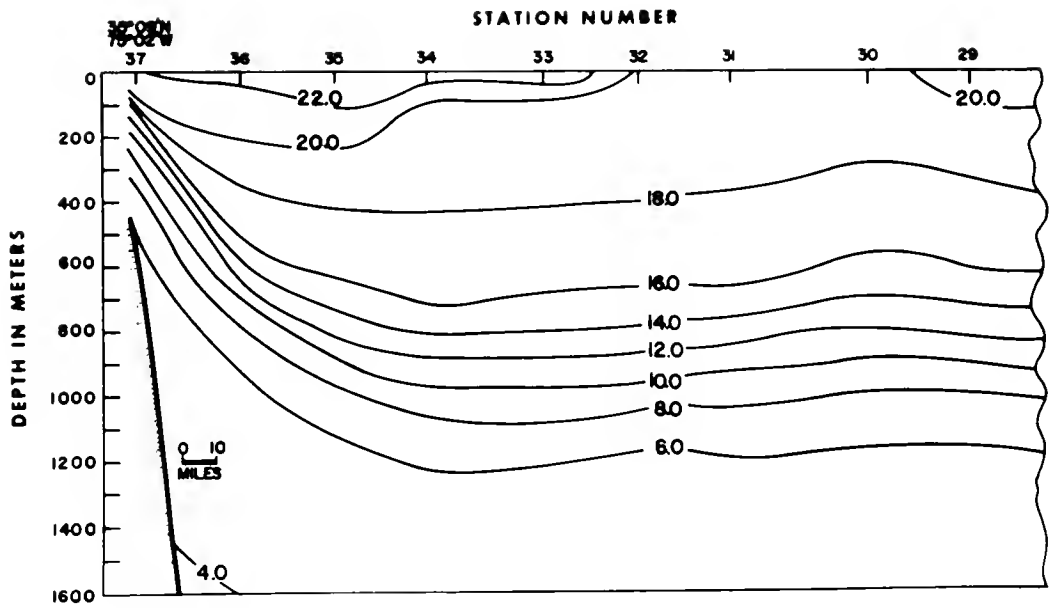


Figure 21.—Vertical section of temperature (°C). A6-3, CGC EVERGREEN, 24-27
January 1967, stations 23-37.

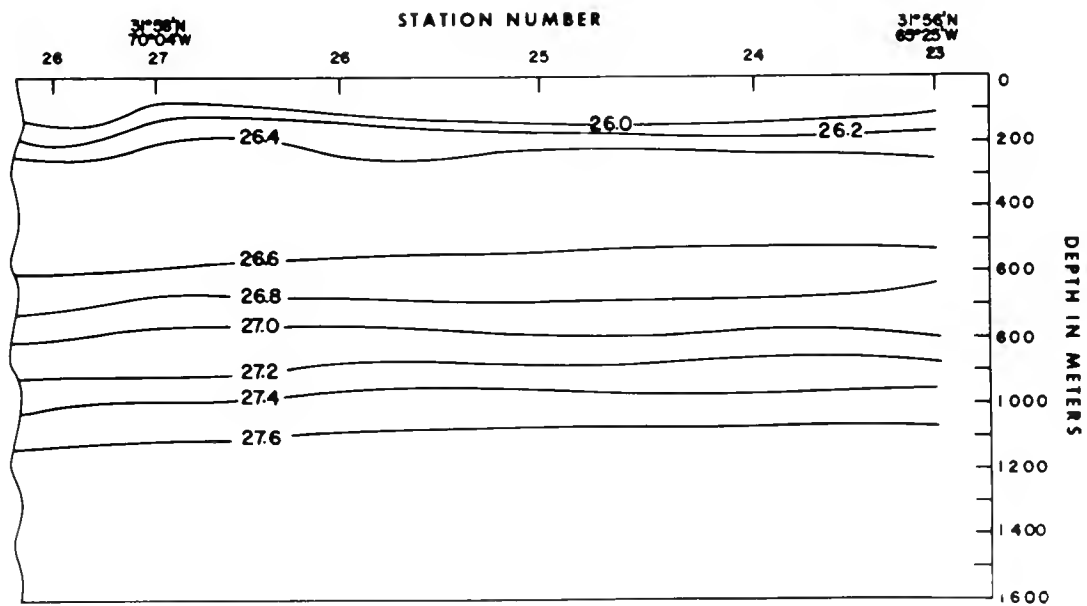
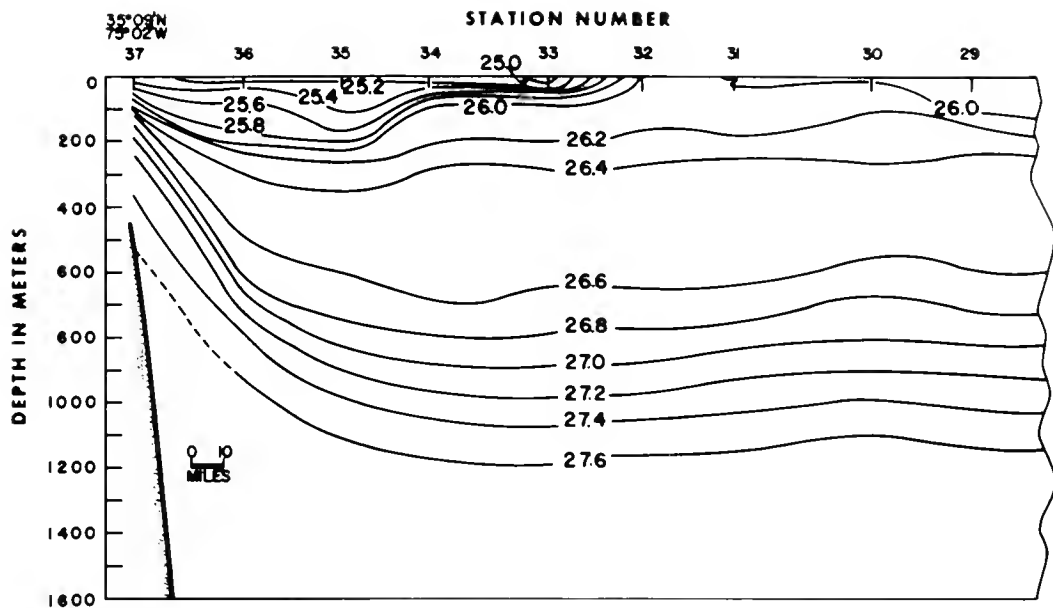


Figure 22.—Vertical section of sigma-t ($g/10^3 \text{ cm}^3$). A6-3, CGC EVERGREEN 24-27
January 1967, stations 23-37.

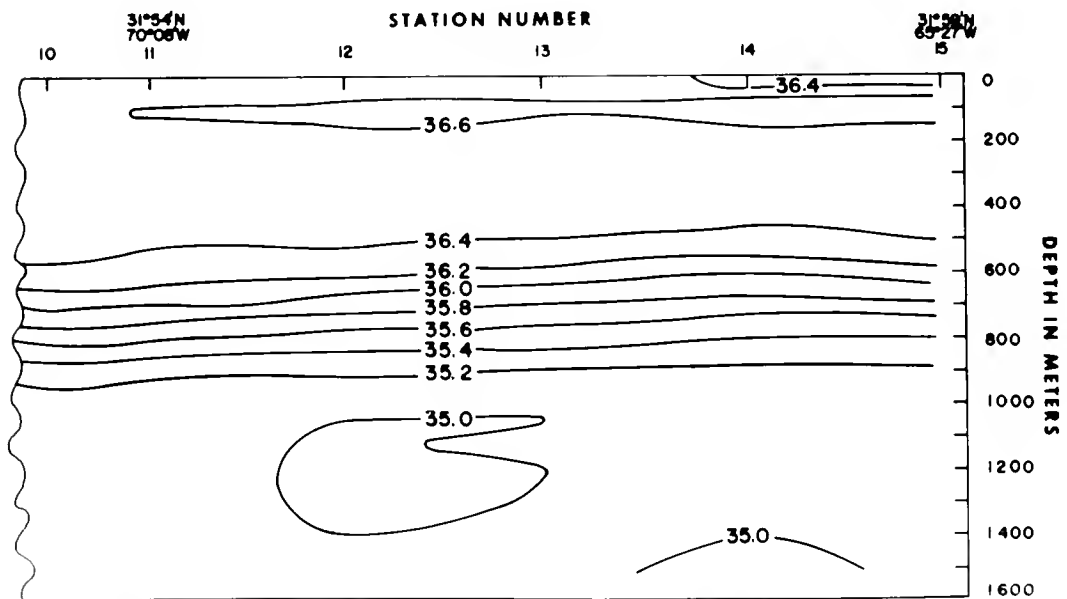
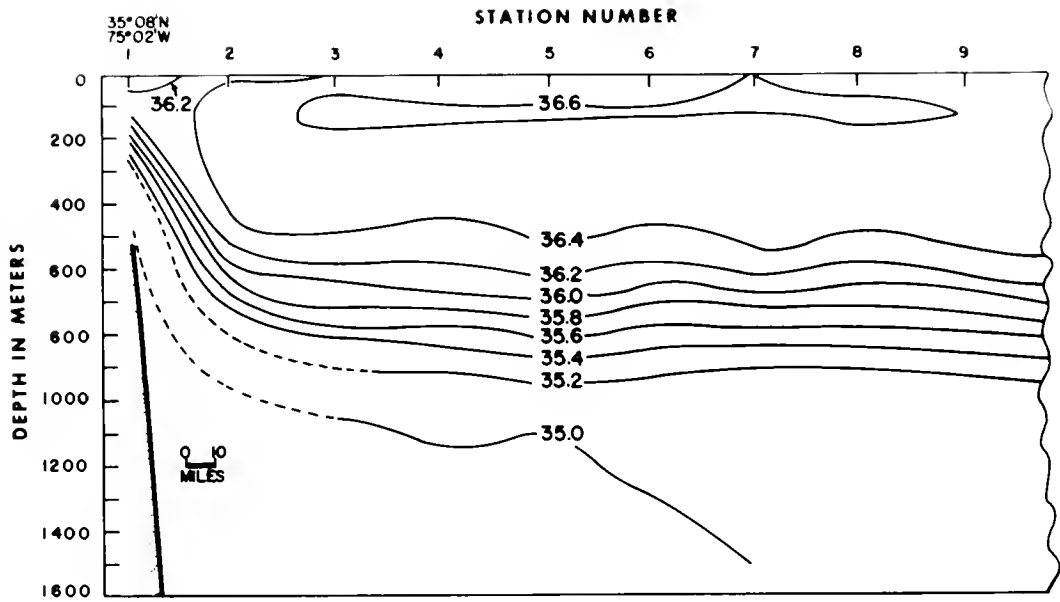


Figure 23.—Vertical section of salinity (‰). A6-4, CGC ROCKAWAY, 13-15 November 1967, stations 1-15.

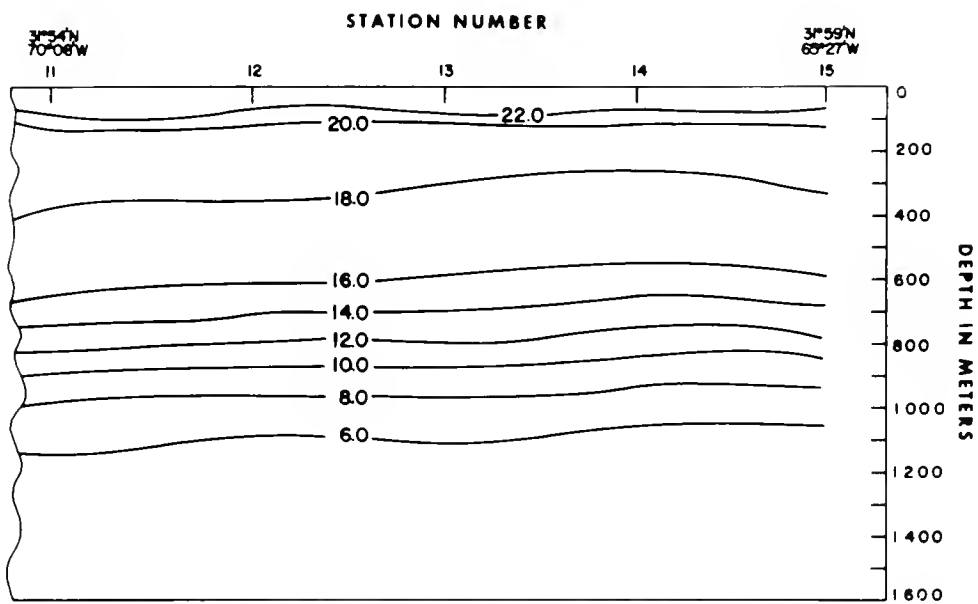
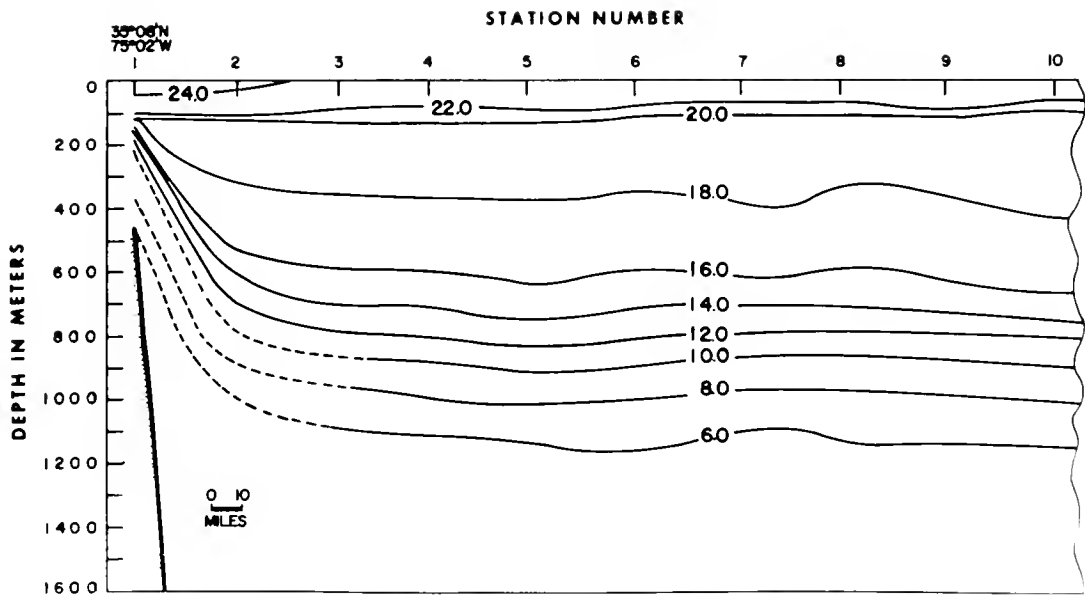


Figure 24.—Vertical section of temperature (°C). A6-4, CGC ROCKAWAY, 13-15 November 1967, stations 1-15.

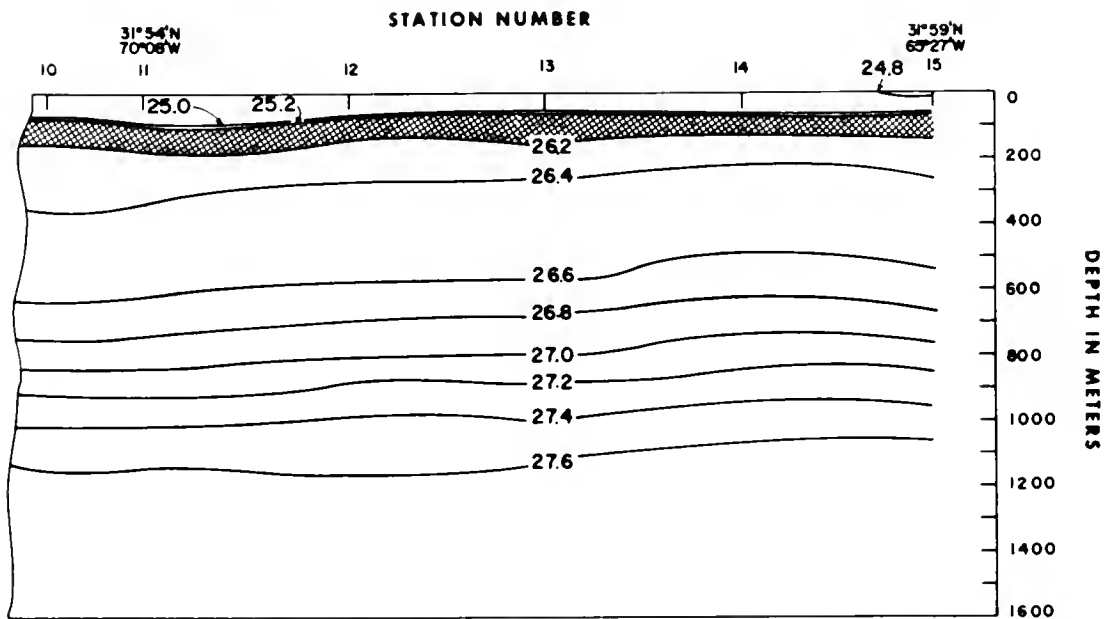
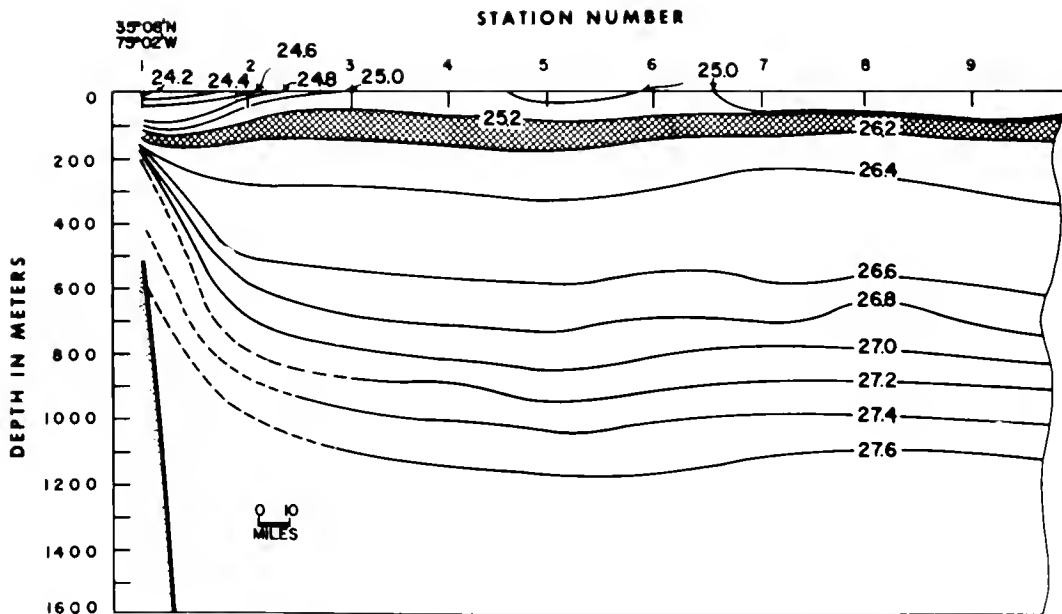


Figure 25.—Vertical section of sigma-t ($g/10^3 \text{ cm}^3$). A6-4, CGC ROCKAWAY, 13-15 November 1967, stations 1-15. (Area of intense pycnocline indicated by crosshatching).

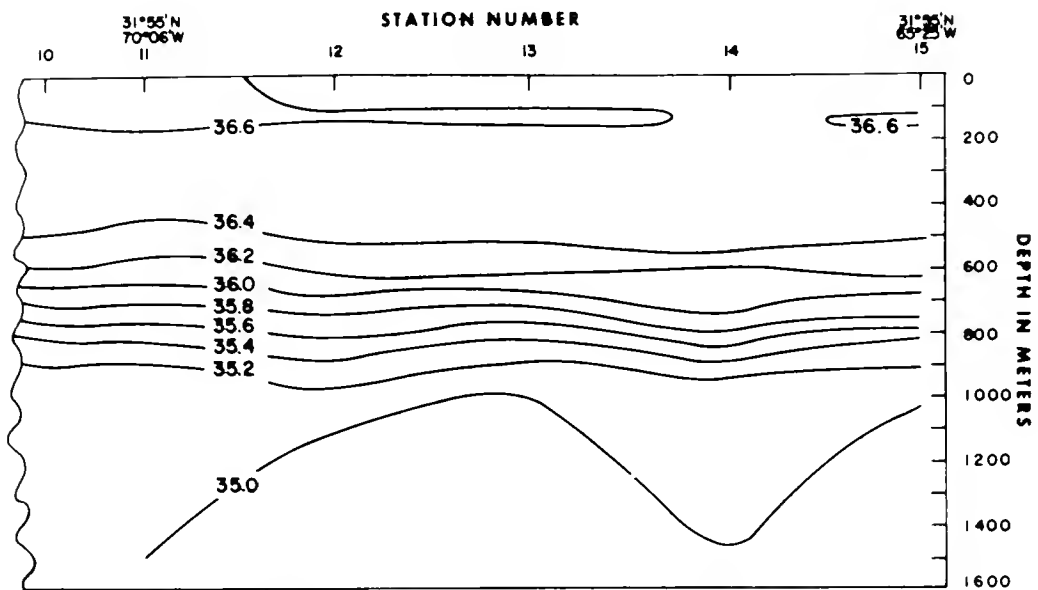
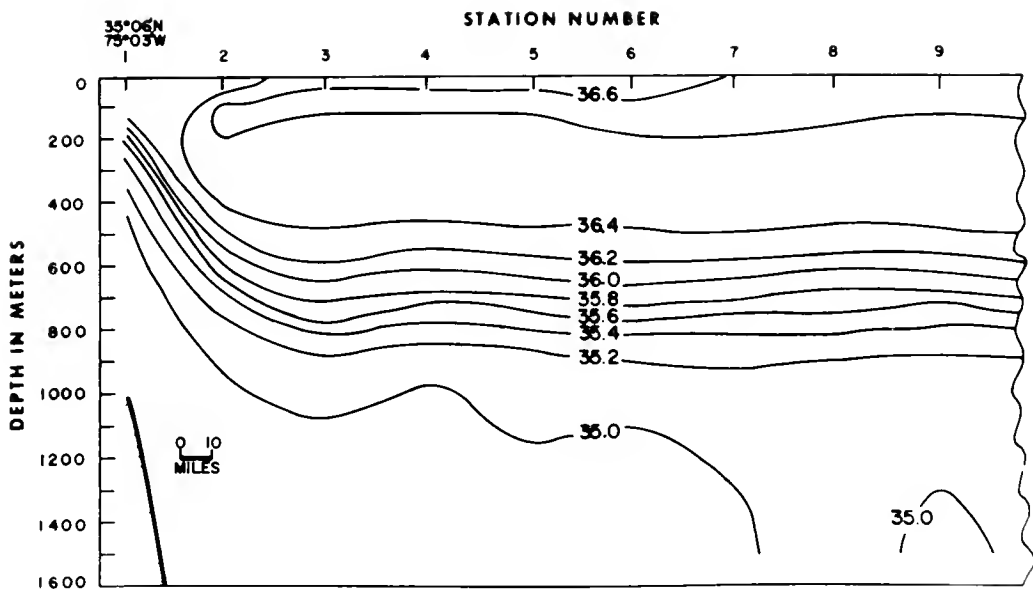


Figure 26.—Vertical section of salinity (‰). A6-5, CGC ROCKAWAY, 12-14 December 1967, stations 1-15.

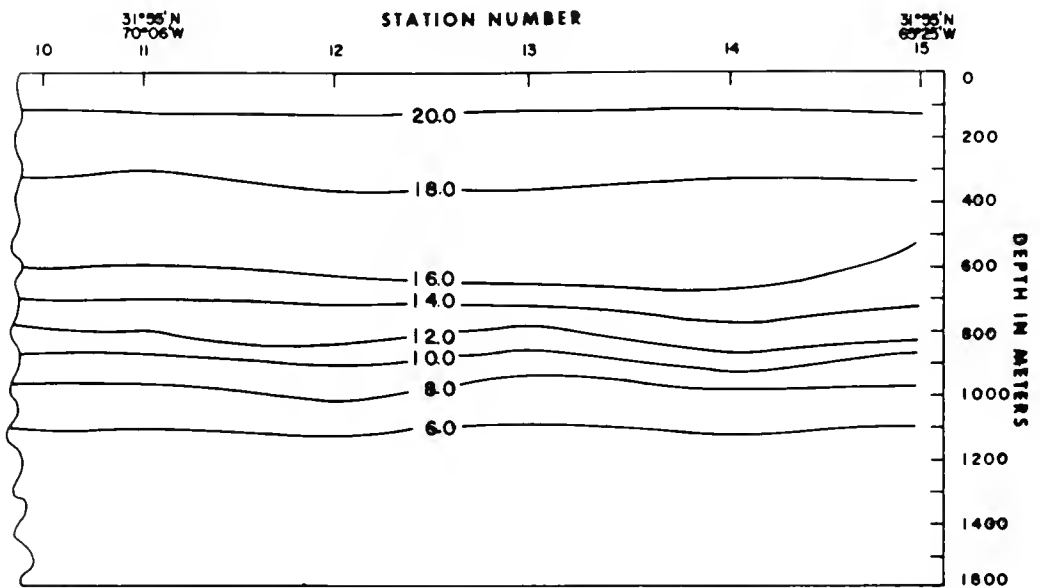
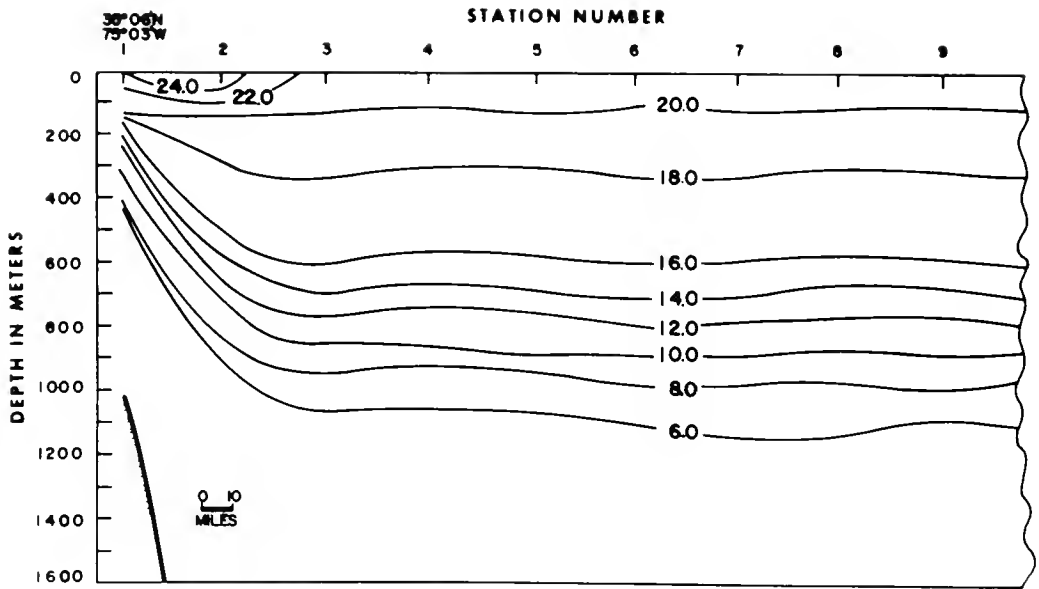


Figure 27.—Vertical section of temperature (°C). A6-5, CGC ROCKAWAY, 12-14 December 1967, stations 1-15.

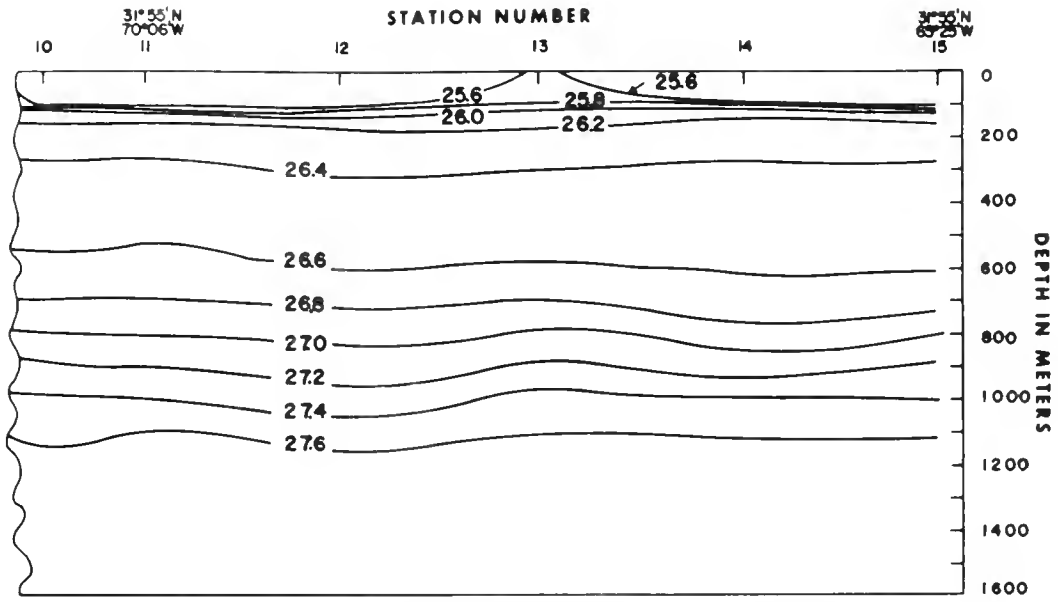
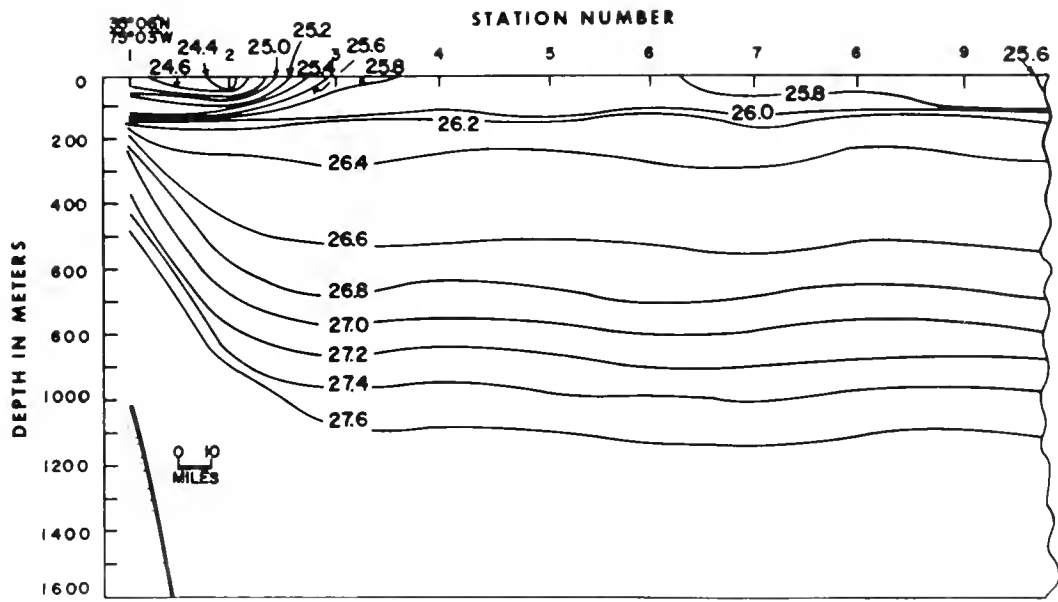


Figure 28.—Vertical section of sigma-t (g/10³ cm³). A6-5, CGC ROCKAWAY, 12-14 December 1967, stations 1-15.

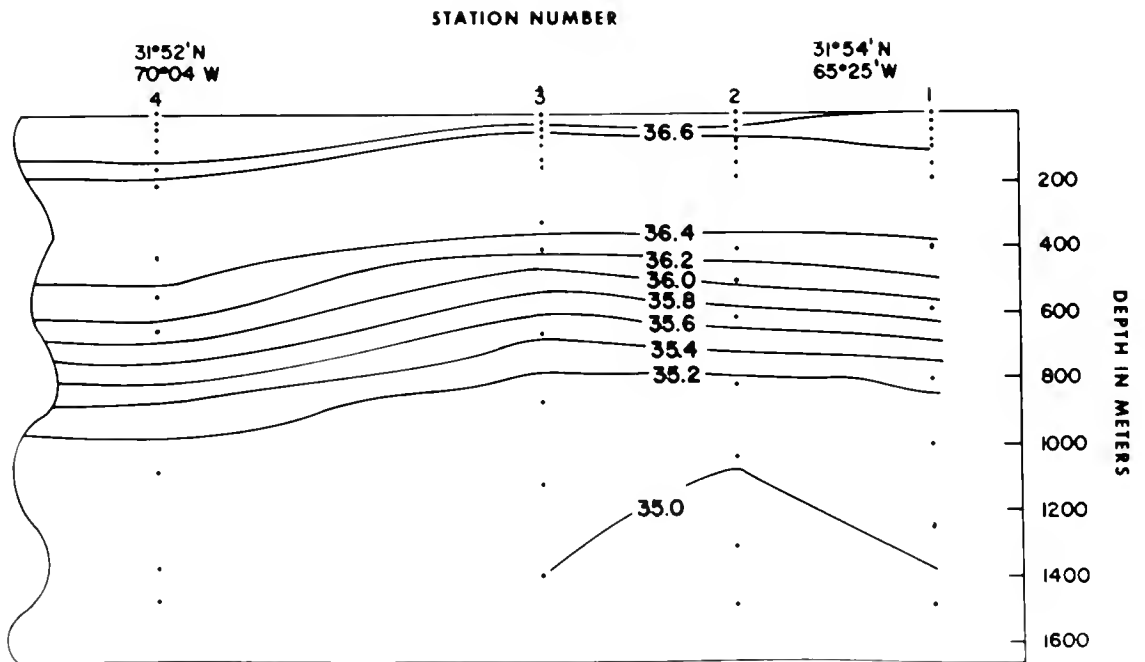
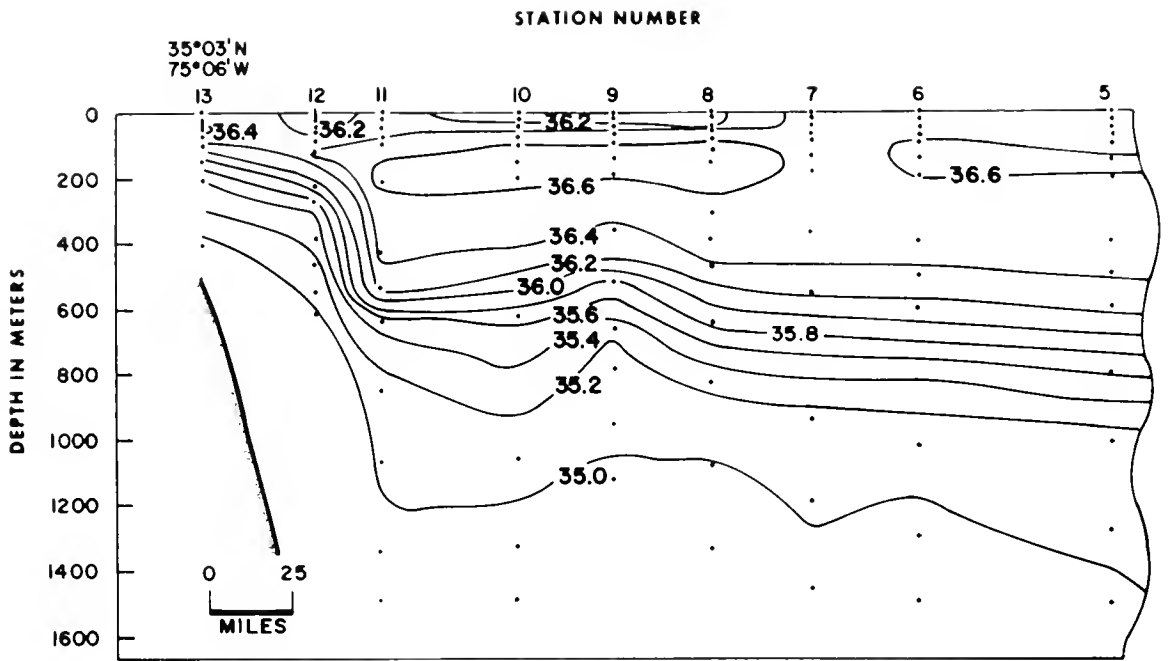


Figure 29.—Vertical section of salinity (‰), A6-6, CGC MENDOTA, 8-10 April 1968, stations 1-13.

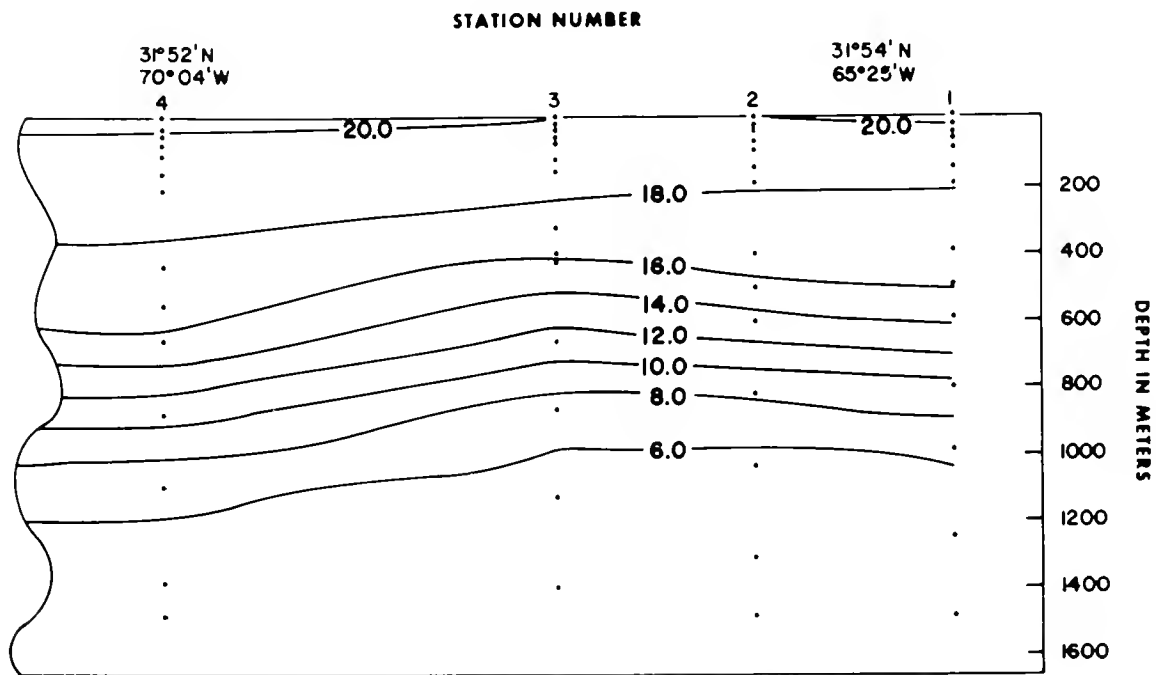
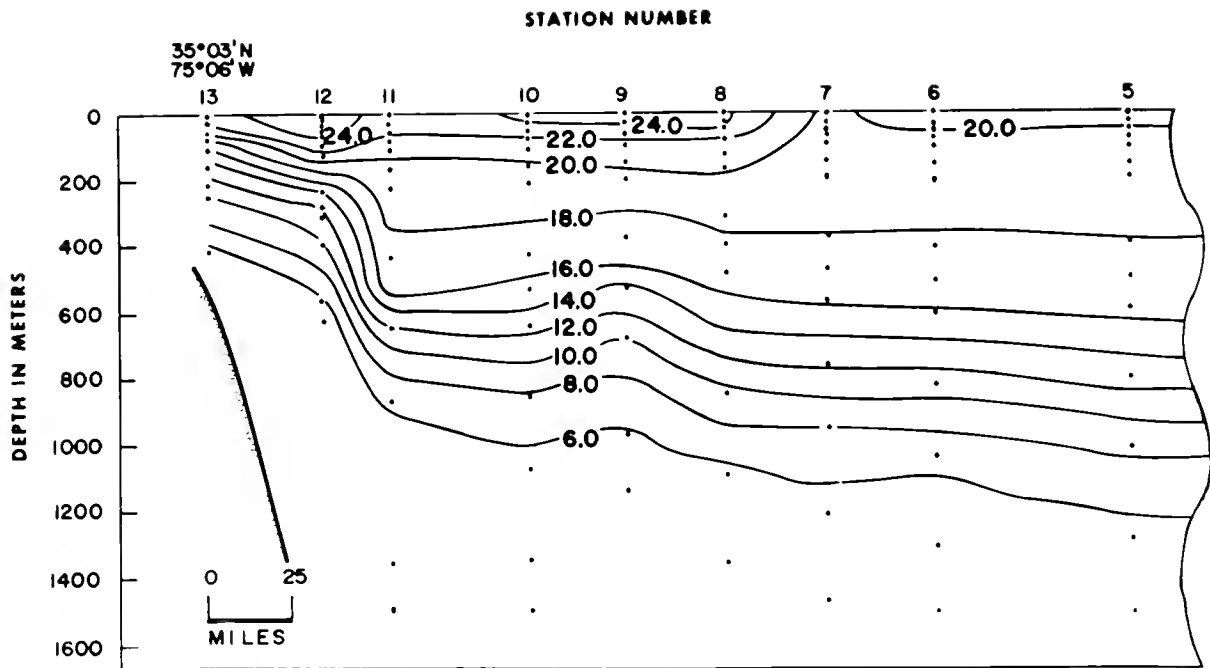


Figure 30.—Vertical section of temperature (°C). A6-6, CGC MENDOTA, 8-10 April 1968, stations 1-13.

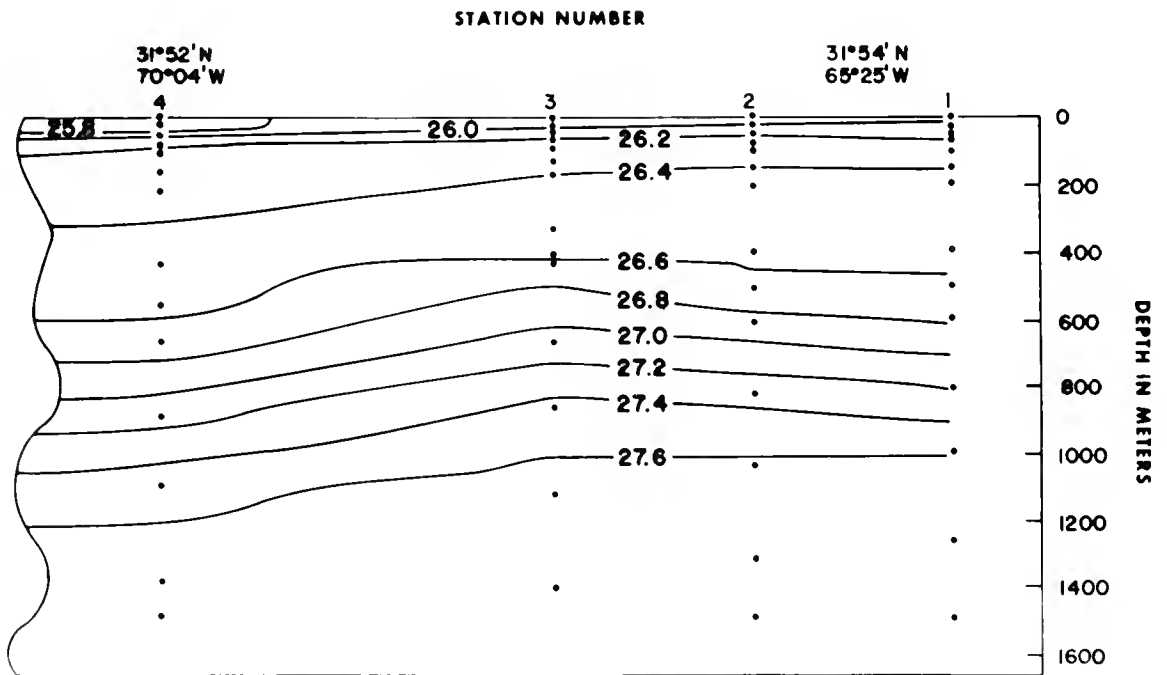
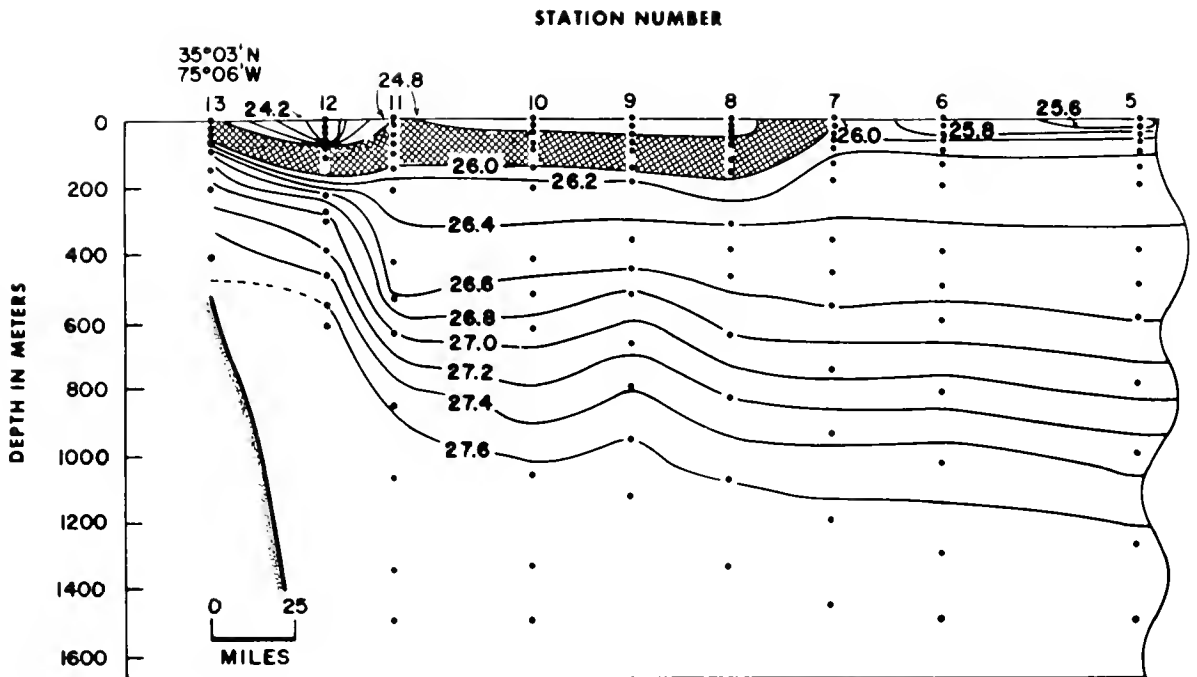


Figure 31.—Vertical section of sigma-t ($g/10^3 \text{ cm}^3$). A6-6, CGC MENDOTA, 8-10 April 1968, stations 1-13. (Area of intense pycnocline indicated by crosshatching).

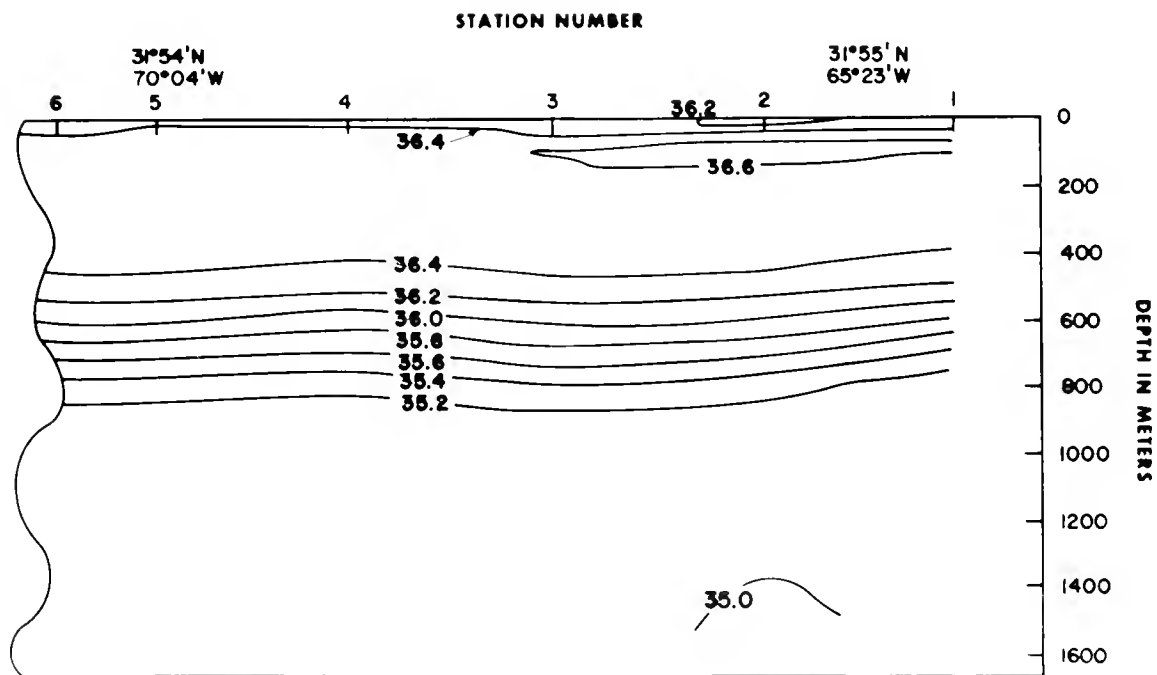
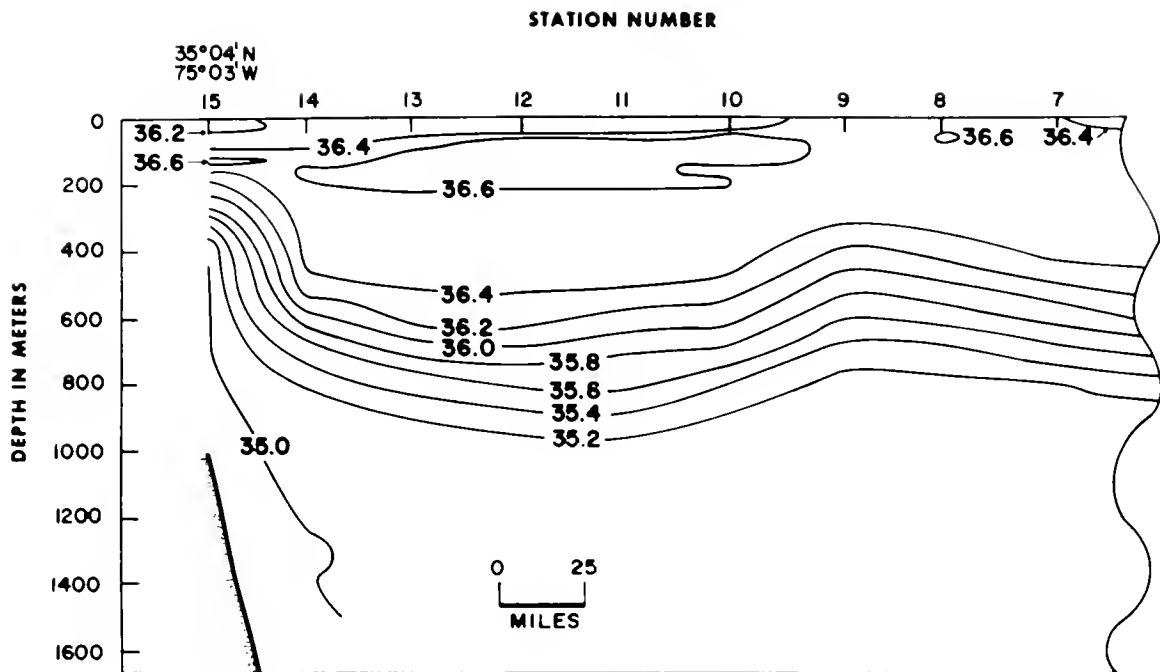


Figure 32.—Vertical section of salinity (‰). A6-7, CGC EVERGREEN, 7-10 October 1968, stations 1-15.

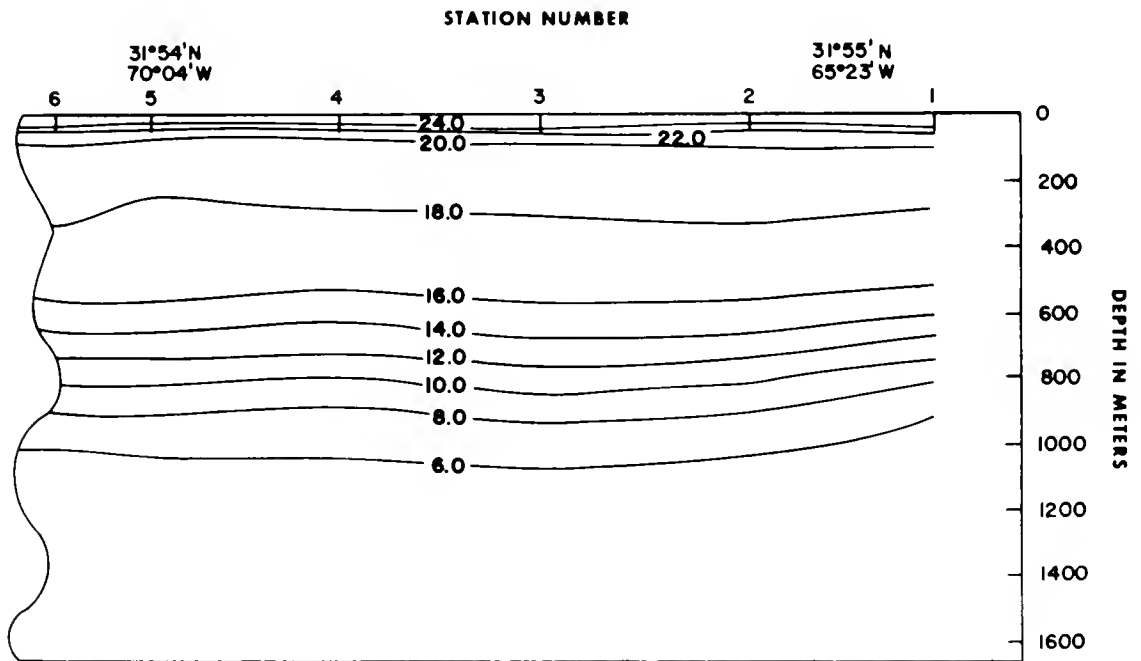
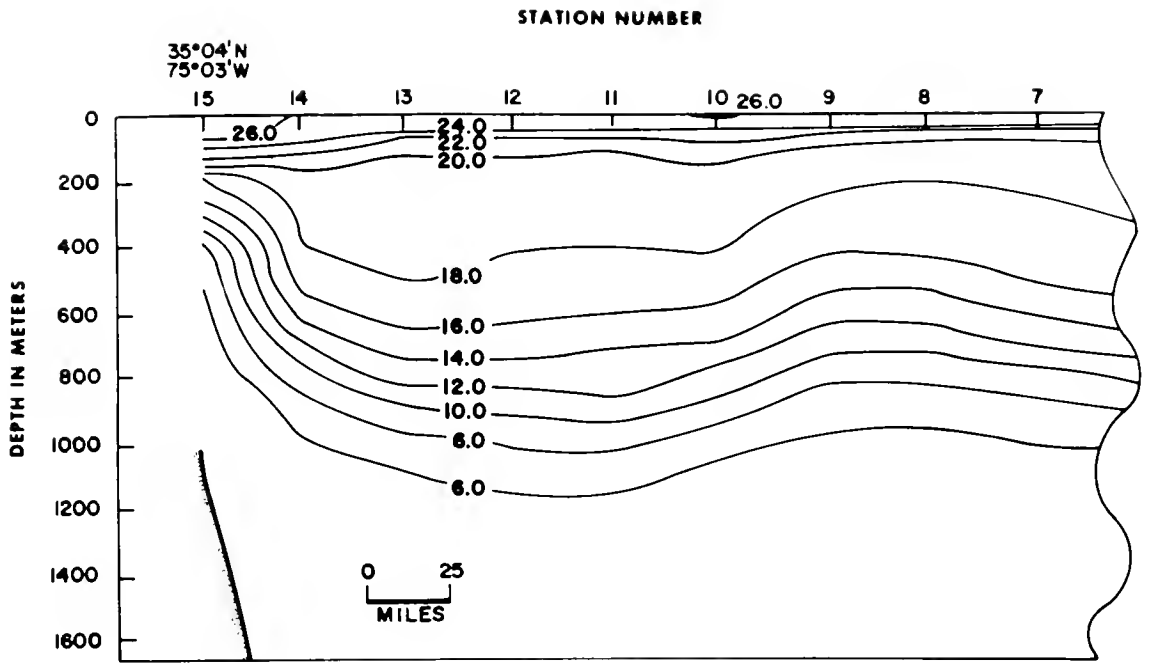


Figure 33.—Vertical section of temperature (°C). A6-7, CGC EVERGREEN, 7-10 October 1968, stations 1-15.

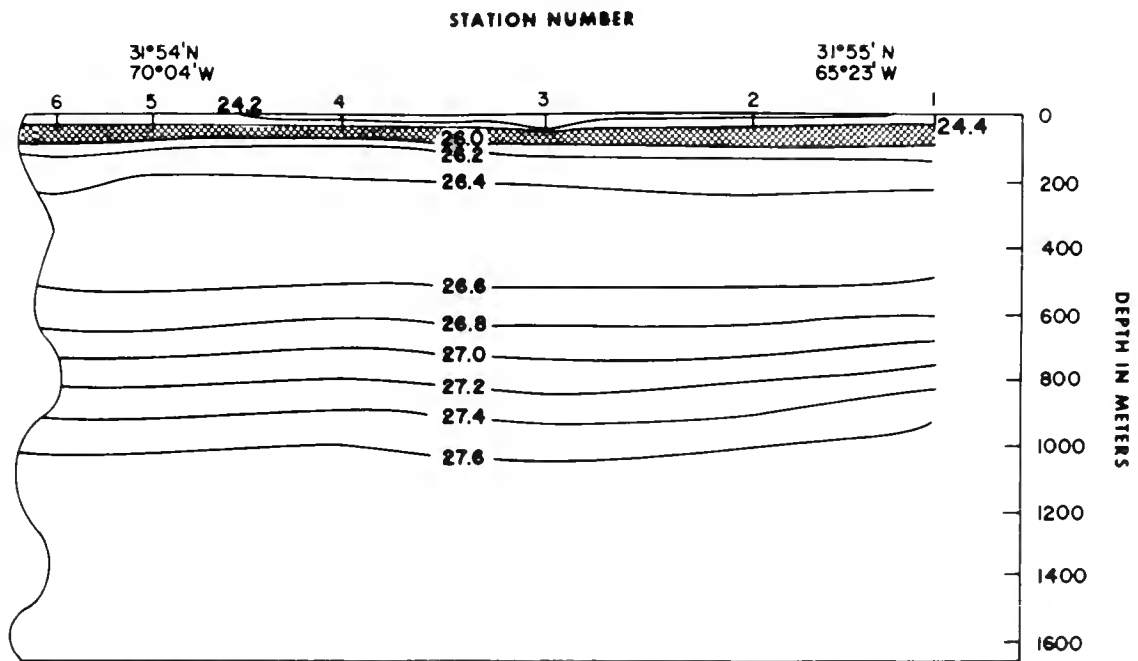
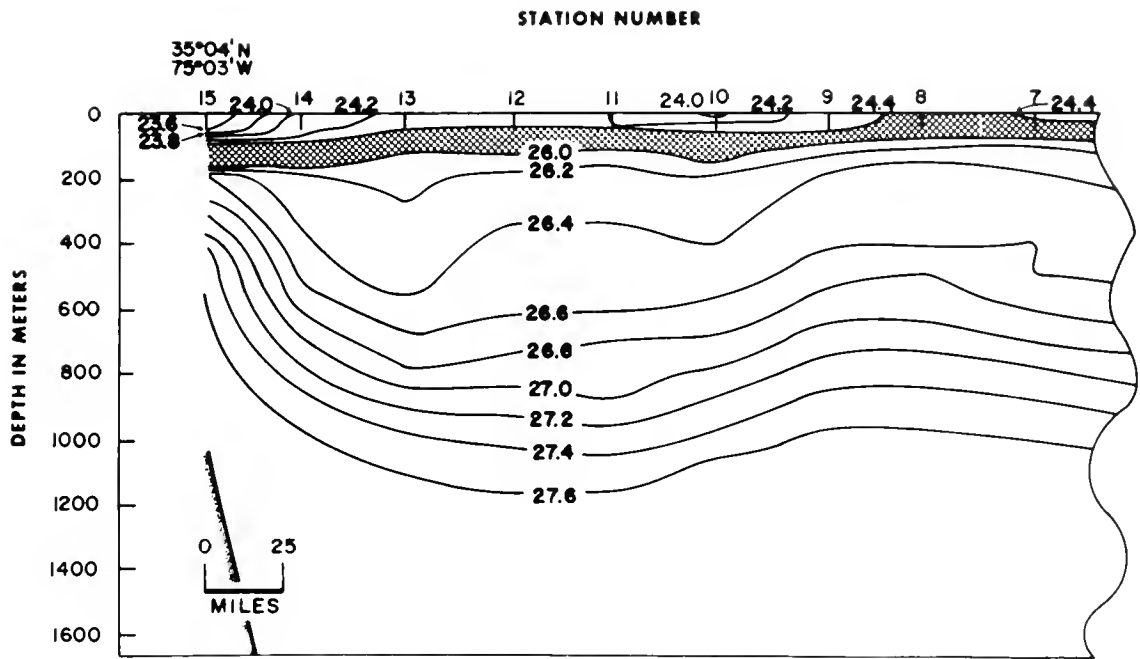


Figure 34.—Vertical section of sigma-t ($\text{g}/10^3 \text{ cm}^3$). A6-7, CGC EVERGREEN, 7-10 October 1968, stations 1-15. (Area of intense pycnocline indicated by cross-hatching).

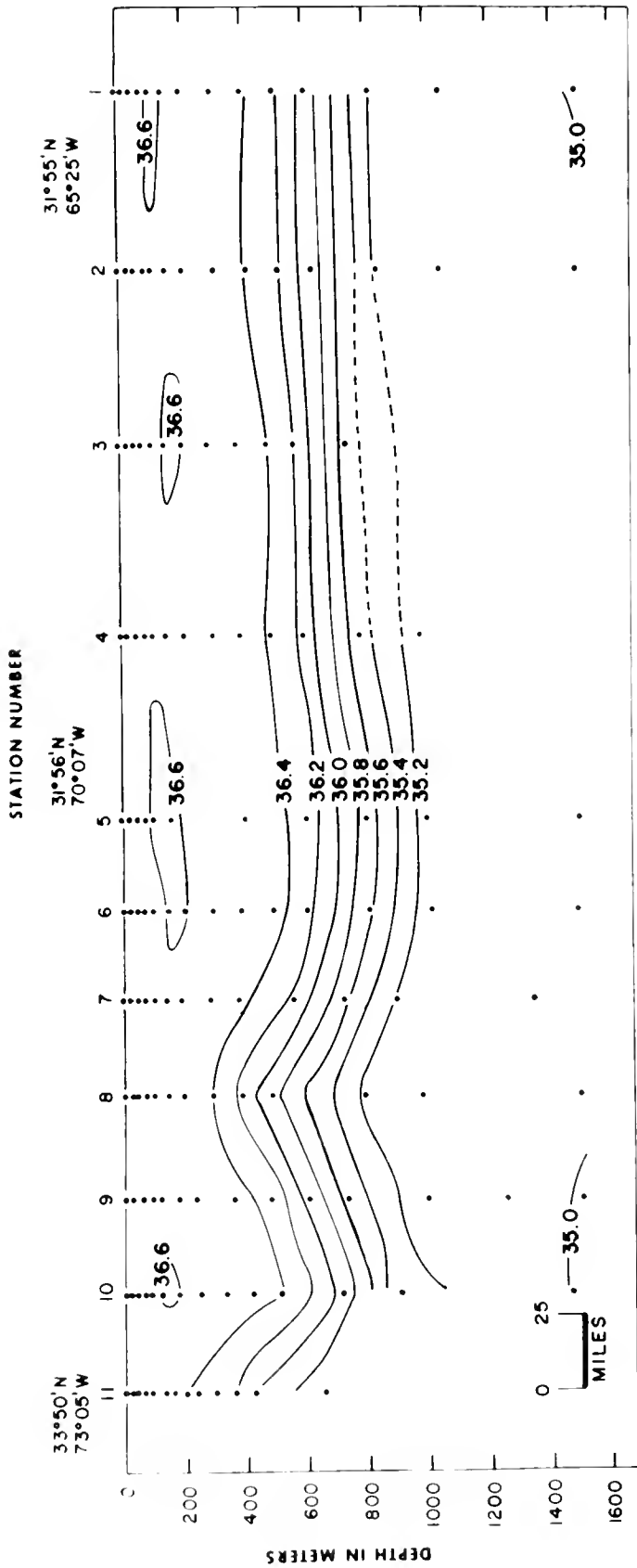


Figure 35.—Vertical section of salinity (‰), A6-8, CGC McCULLOUGH, 3-4 December 1968, stations 1-11.

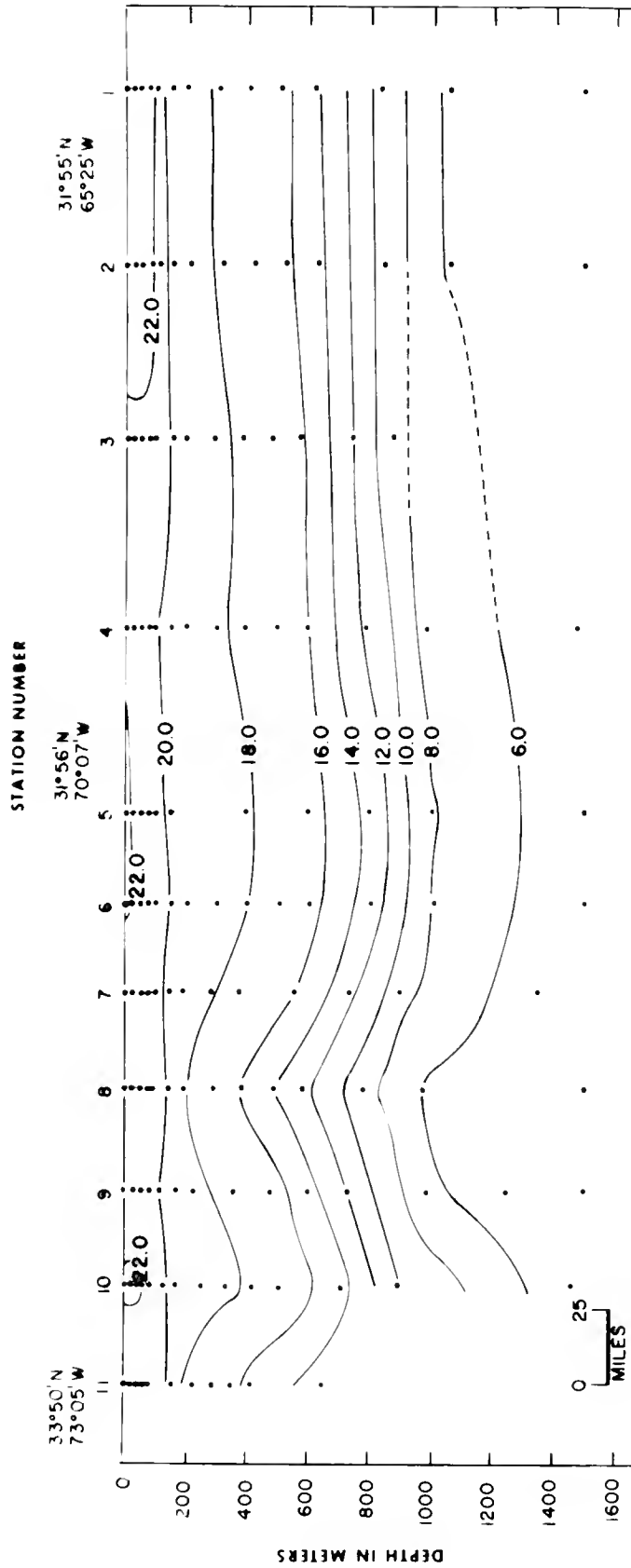


Figure 36.—Vertical section of temperature (°C), A6-8, CGC McCulloch, 3-4 December 1968, stations 1-11.

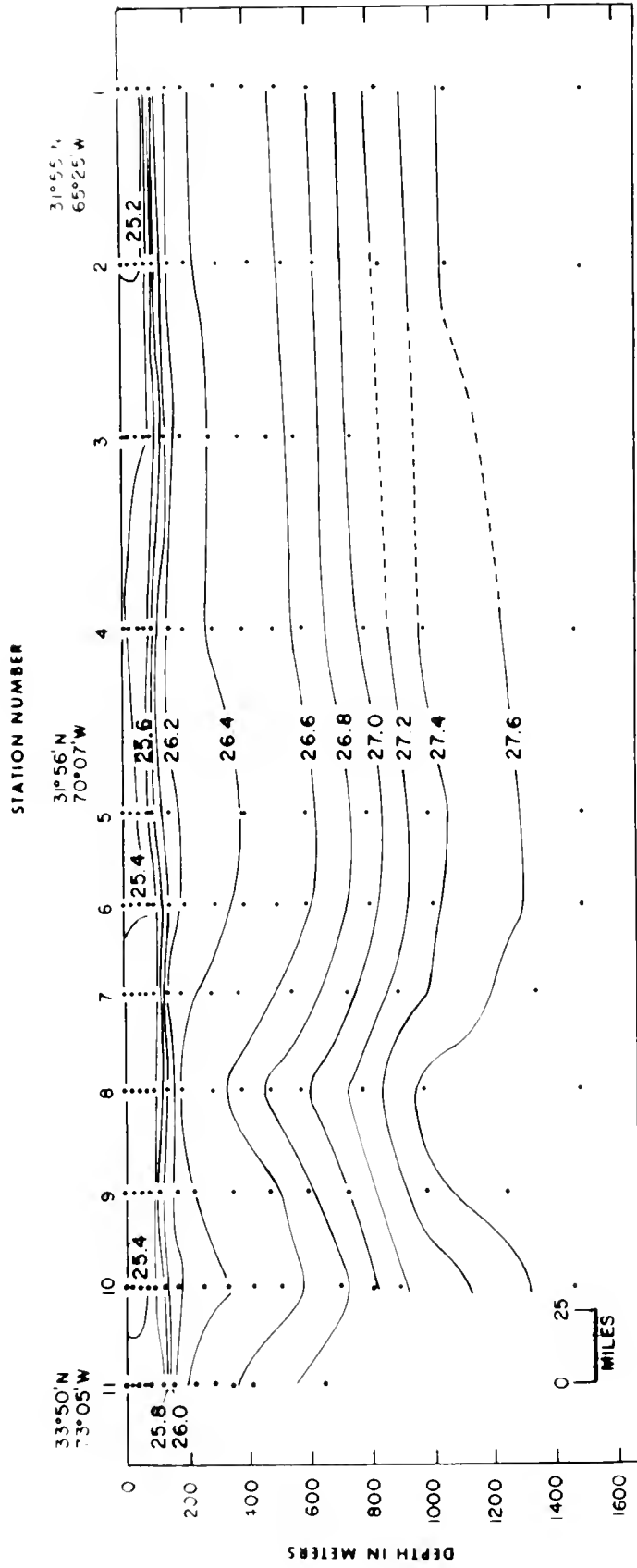


Figure 37.—Vertical section of sigma-t ($g/10^3 \text{ cm}^3$). A6-8, CGC McCULLOCH, 3-4 December 1968, stations 1-11.

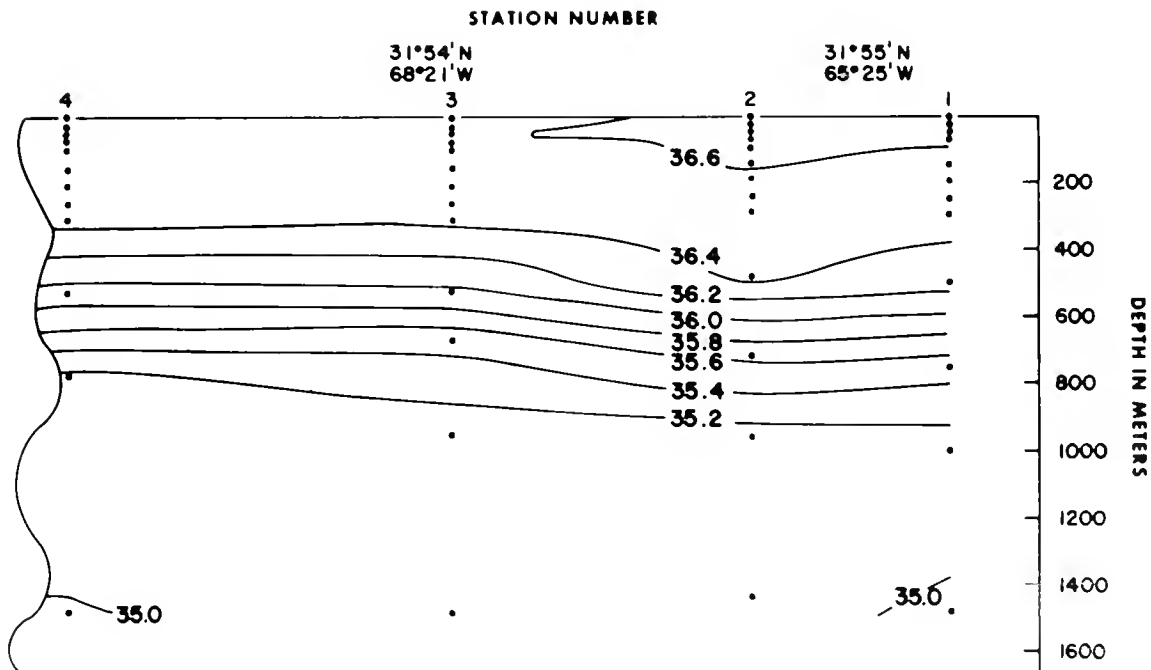
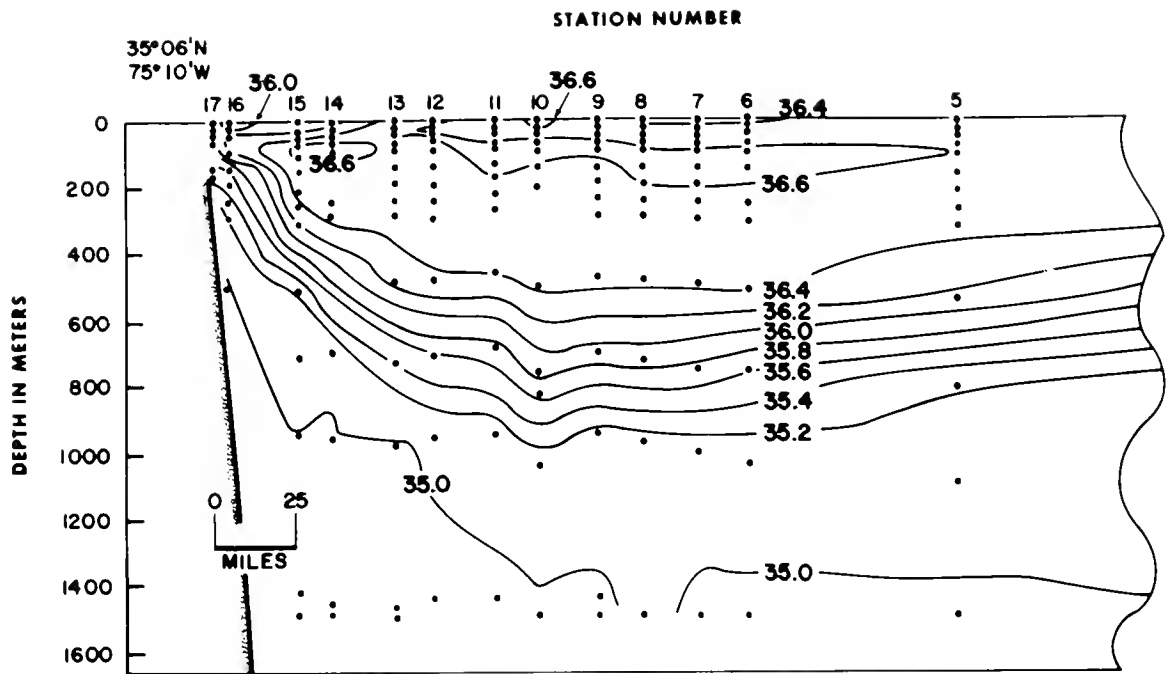


Figure 38.—Vertical section of salinity (‰). A6-9, CGC HUMBOLDT, 6-8 June 1969, stations 1-17.

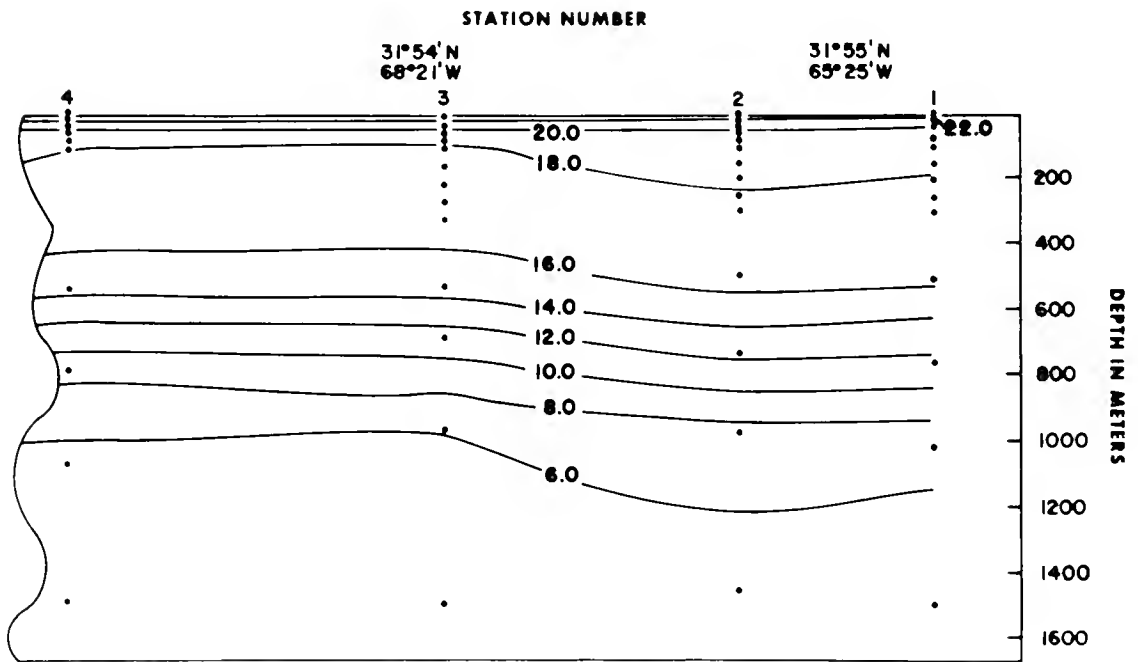
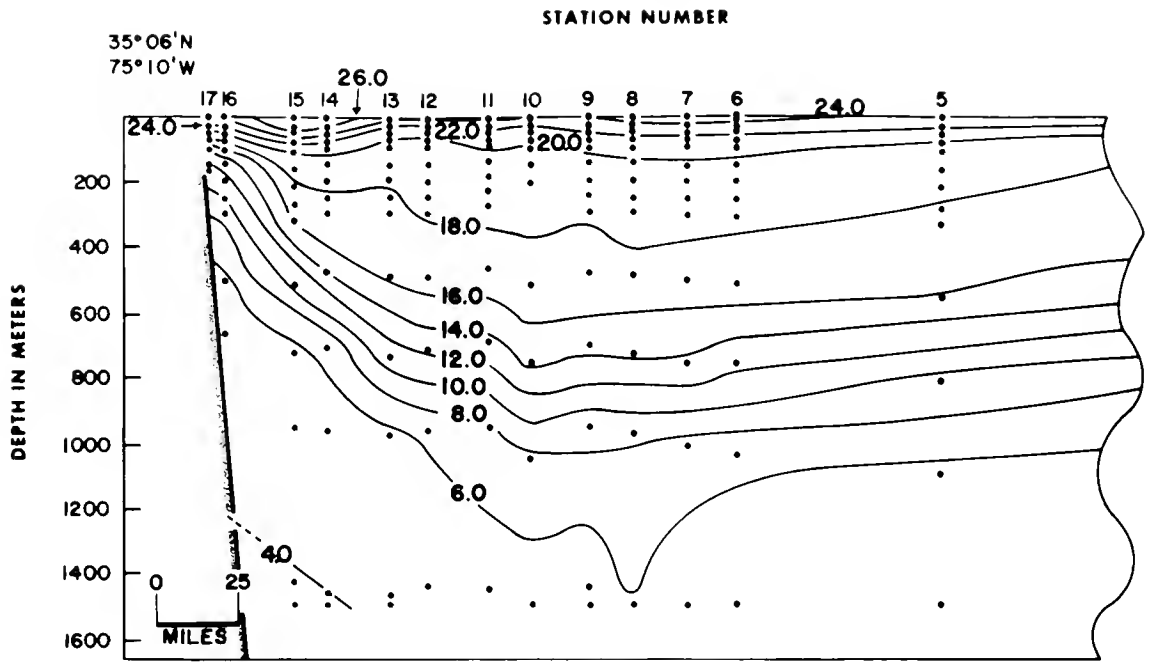


Figure 39.—Vertical section of temperature (°C). A6-9, CGC HUMBOLDT, 6-8 June 1969, stations 1-17.

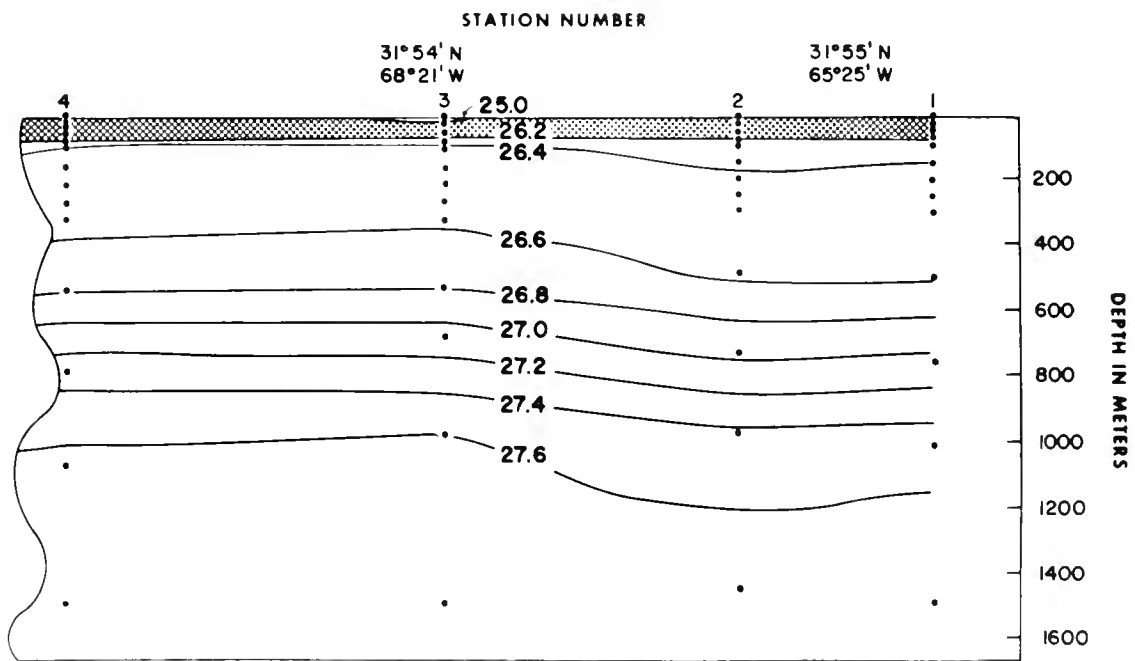
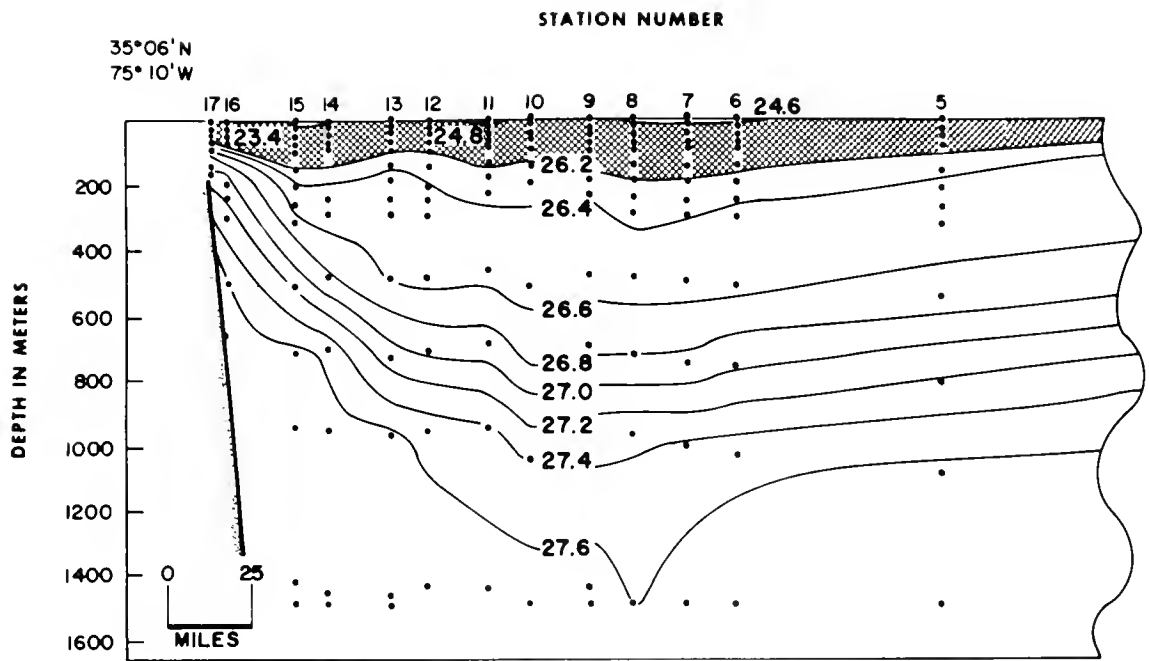


Figure 40.—Vertical section of sigma-t ($g/10^3 \text{ cm}^3$). A6-9, CGC HUMBOLDT, 6-8 June 1969, stations 1-17. (Area of intense pycnocline indicated by crosshatching).

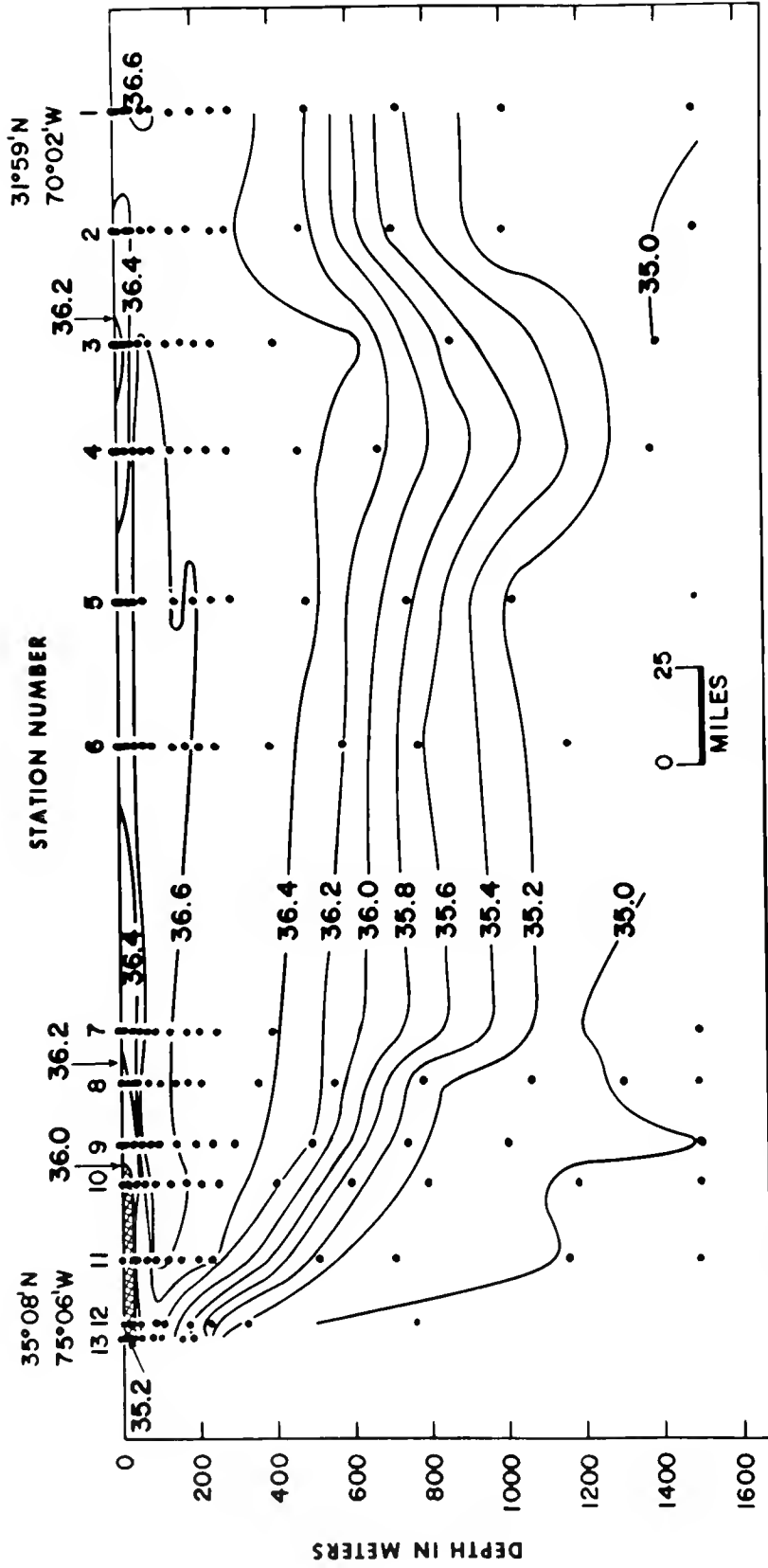


Figure 41.—Vertical section of salinity (‰). A6-10, CGC McCULLOCH, 8-10 September 1969, stations 1-13 (Area of intense halocline indicated by crosshatching).

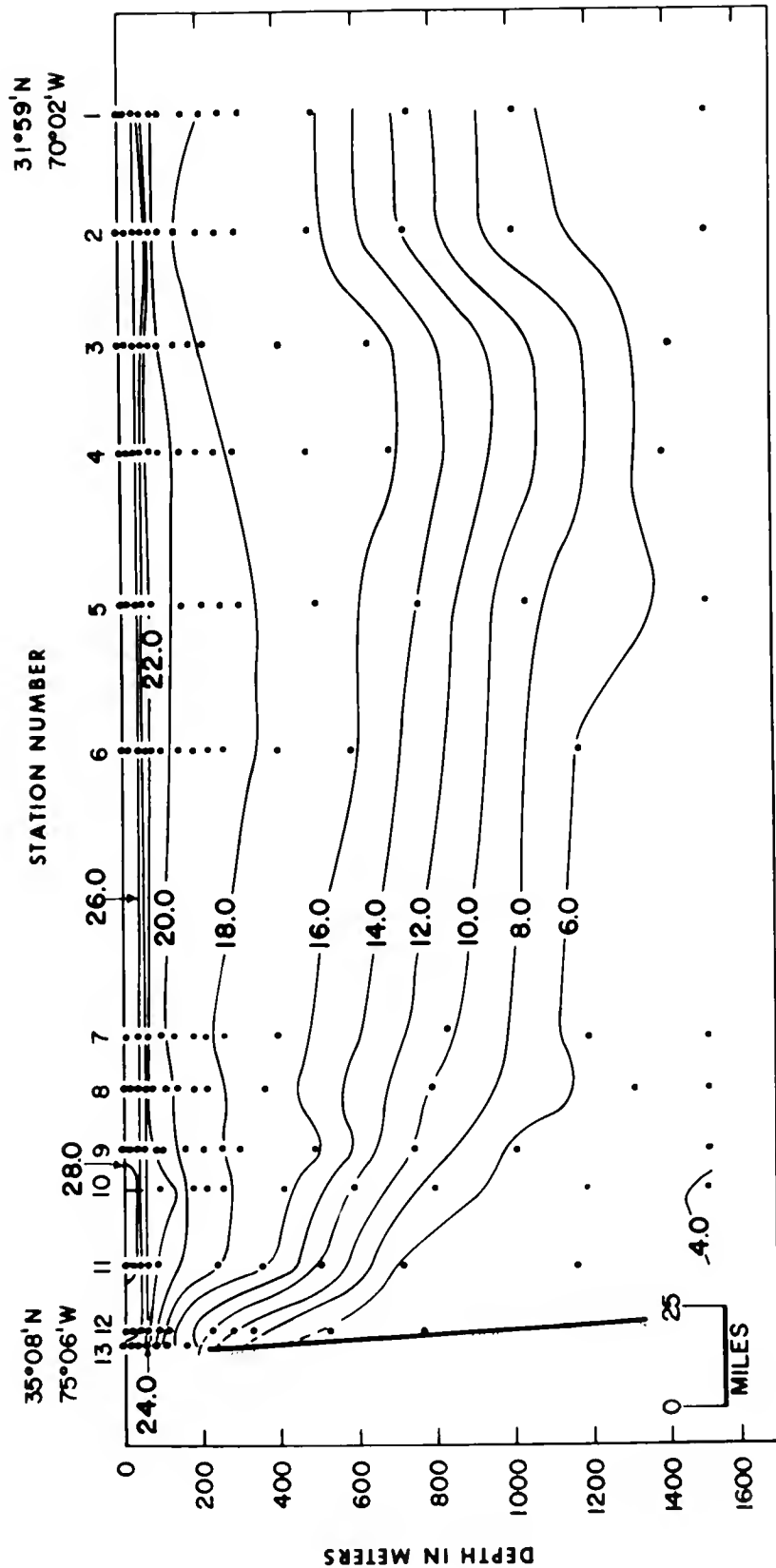


Figure 42.—Vertical section of temperature (°C). A6-10. CGC McCULLOCH, 8-10 September 1969, stations 1-13.

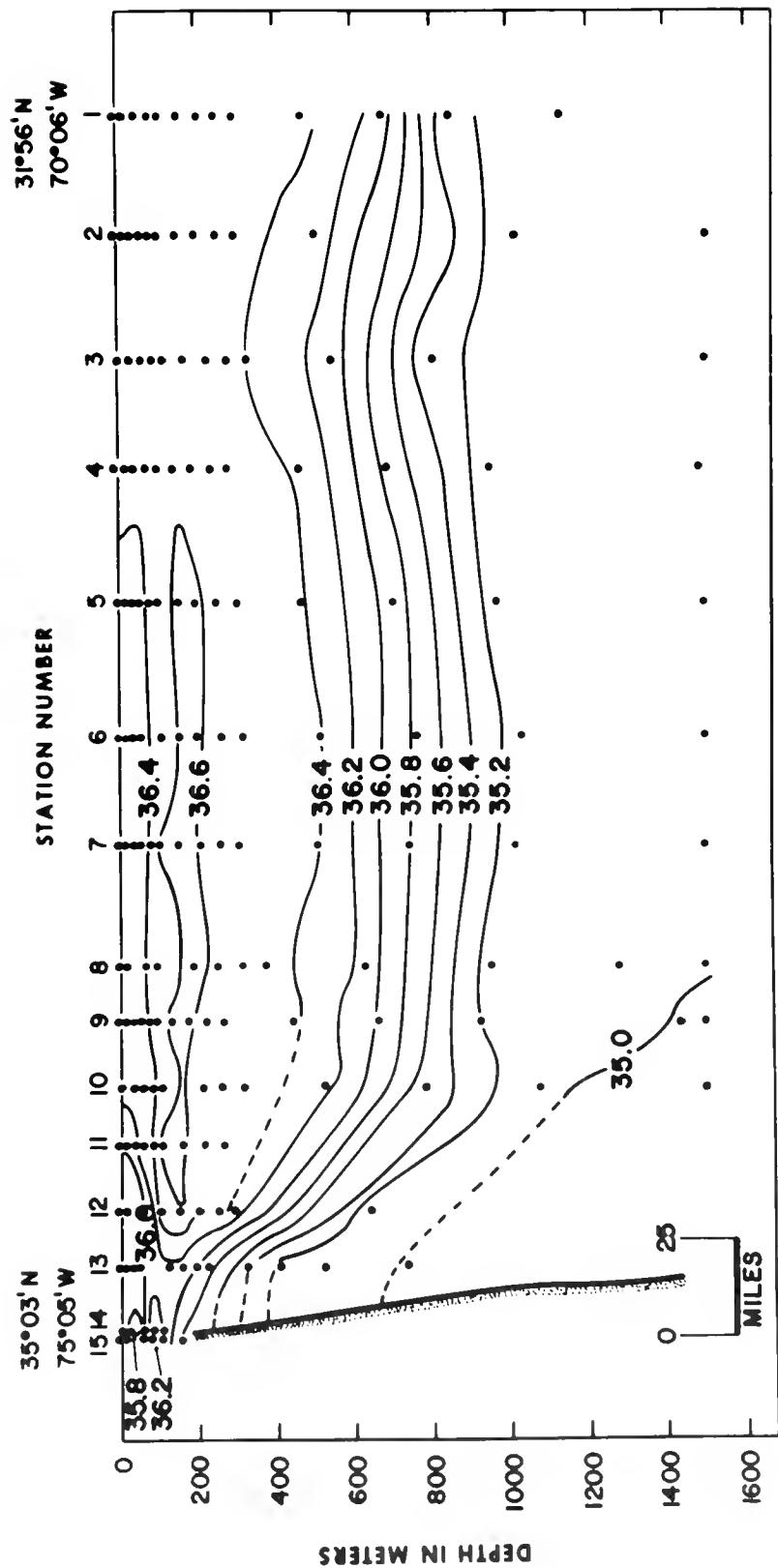


Figure 44.—Vertical section of salinity (‰). A6-11, CGC ABSECON, 16–17 November 1969, stations 1-15.

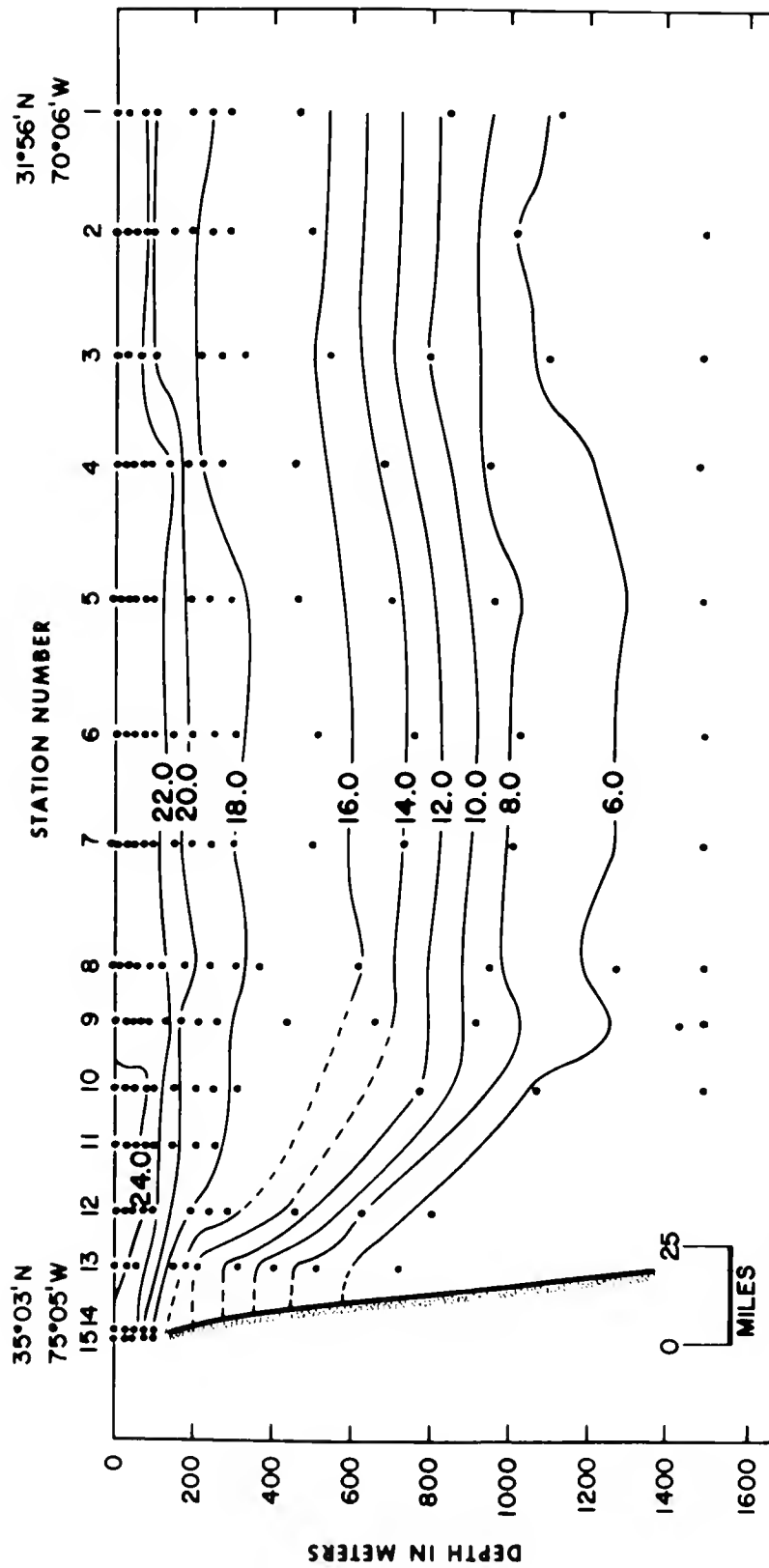


Figure 45.—Vertical section of temperature (°C), A6-11, CGC ABSECON, 16-17 November 1969, stations 1-15.

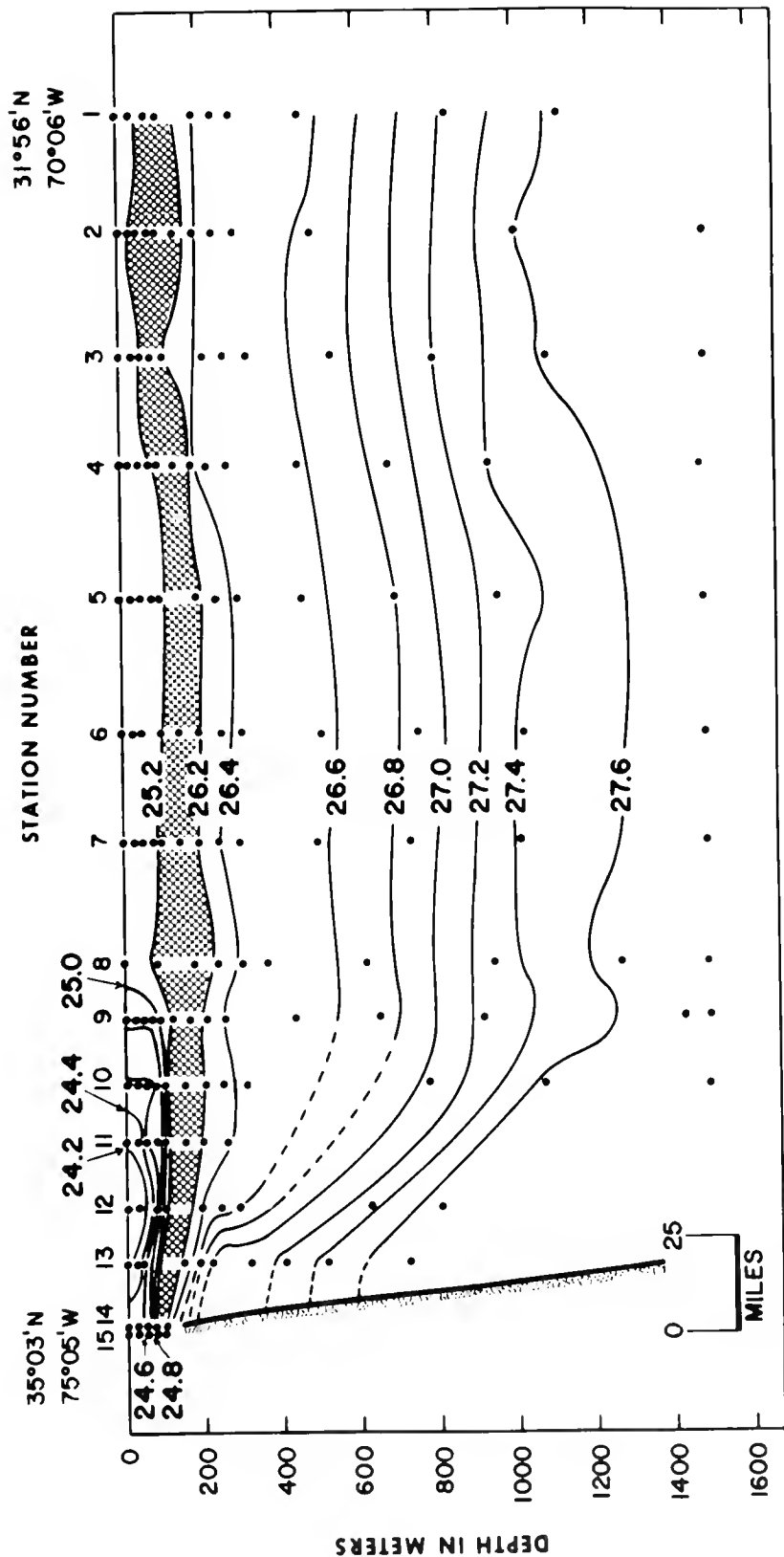


Figure 46.—Vertical section of σ_{t} ($\text{g}/10^3 \text{ cm}^3$), A6-11, CGC ABSECON, 16–17 November 1969, stations 1-15.
 (Area of intense pycnocline indicated by cross-hatching).

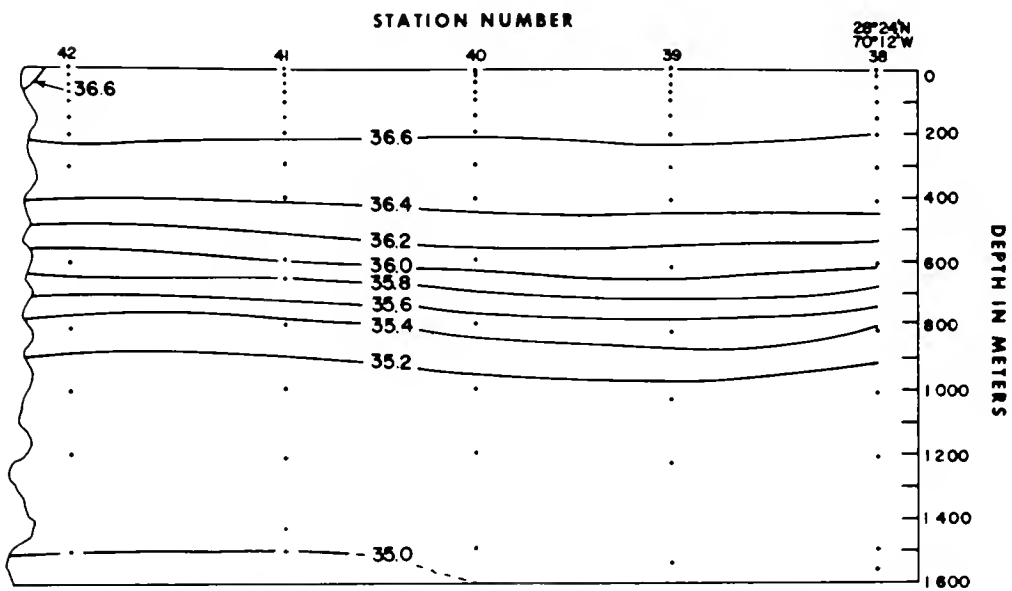
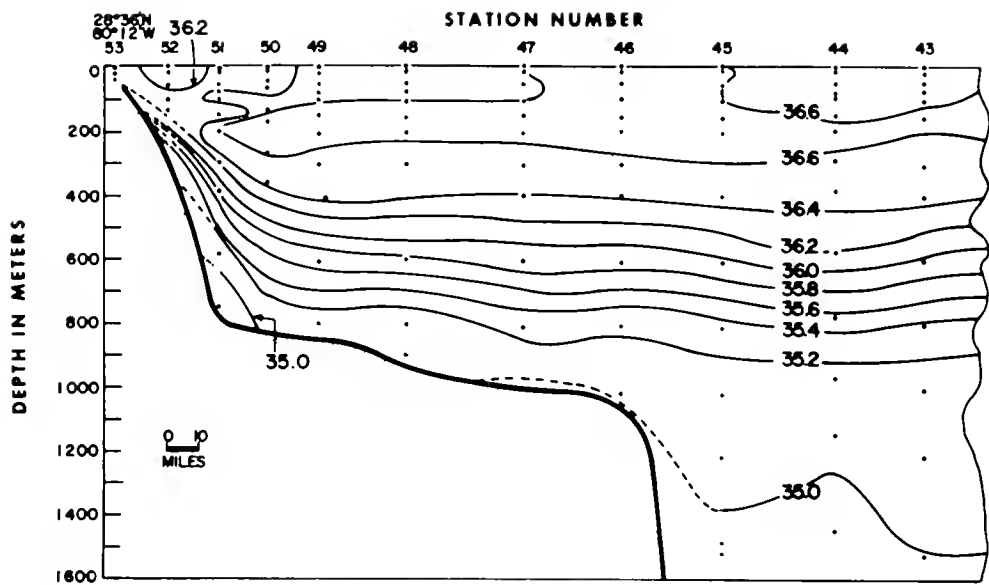


Figure 47.—Vertical section of salinity (‰). A7-1, CGC EVERGREEN, 29 January–1 February 1967, stations 38-53.

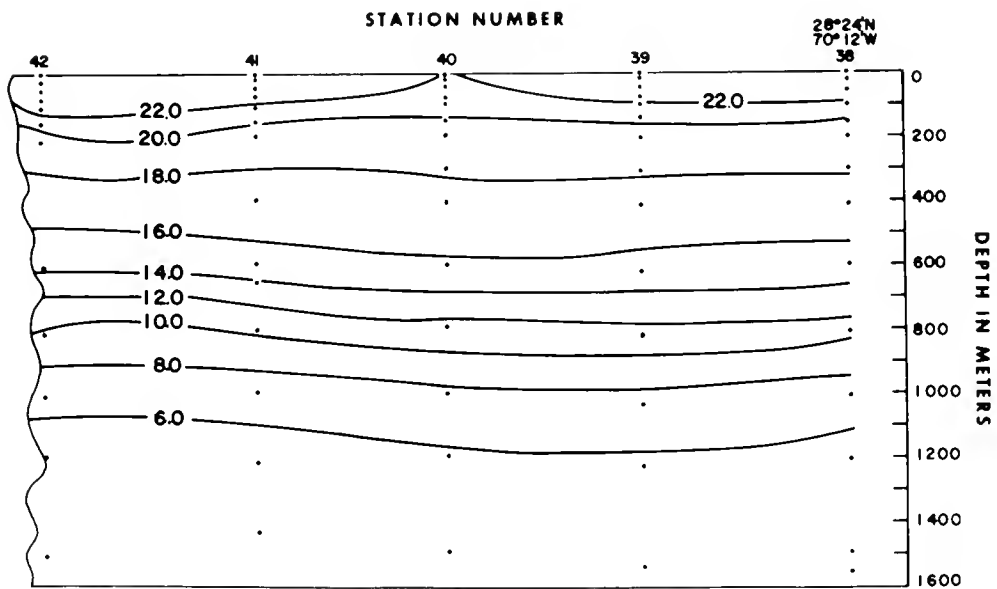
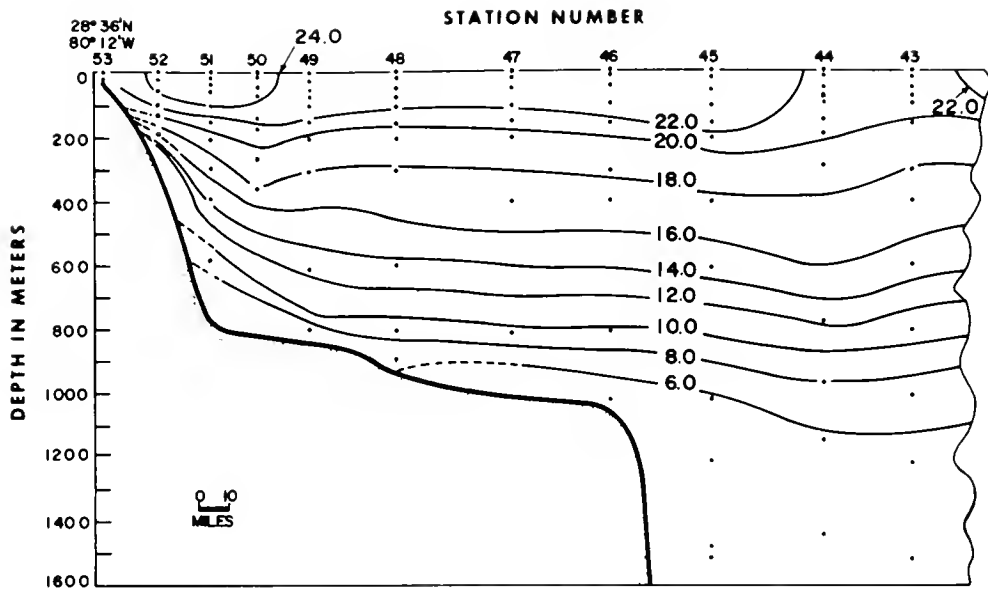


Figure 48.—Vertical section of temperature (°C). A7-1, CGC EVERGREEN, 29 January–1 February 1967, stations 38-53.

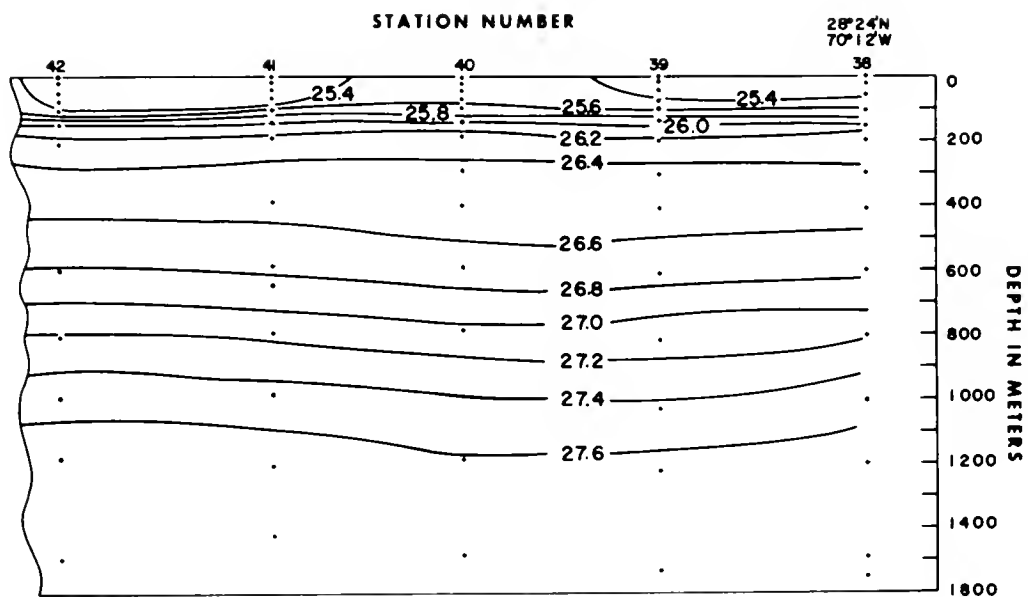
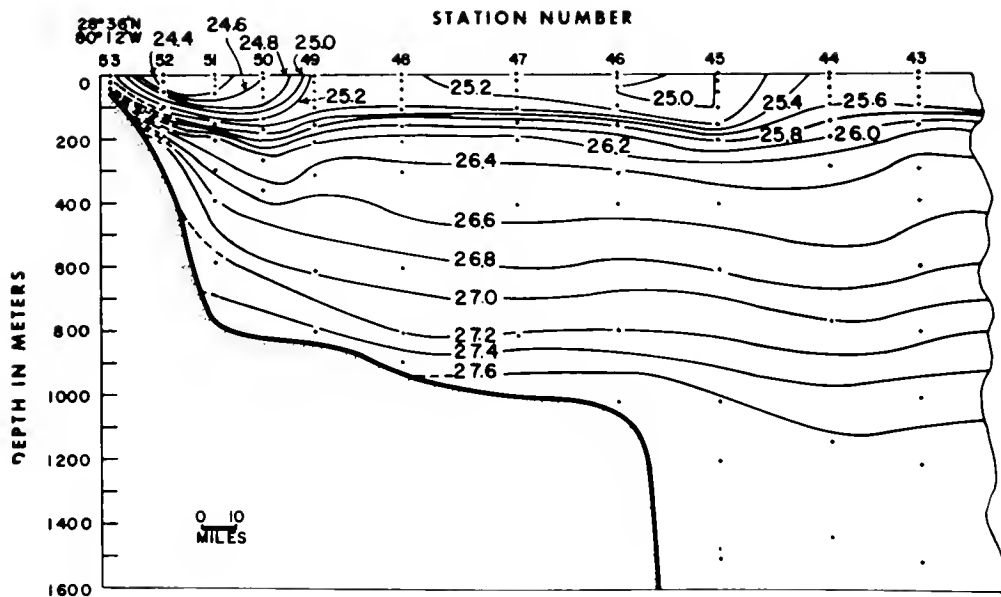


Figure 49.—Vertical section of sigma-t ($g/10^3 \text{ cm}^3$). A7-1, CGC EVERGREEN. 29 January–1 February 1967, stations 38-53.

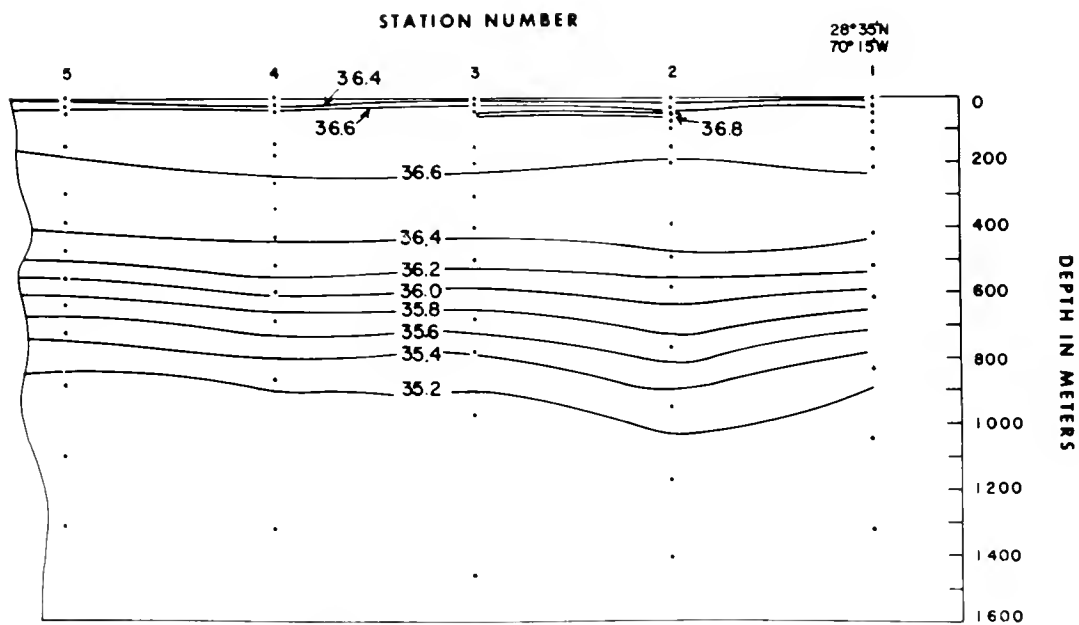
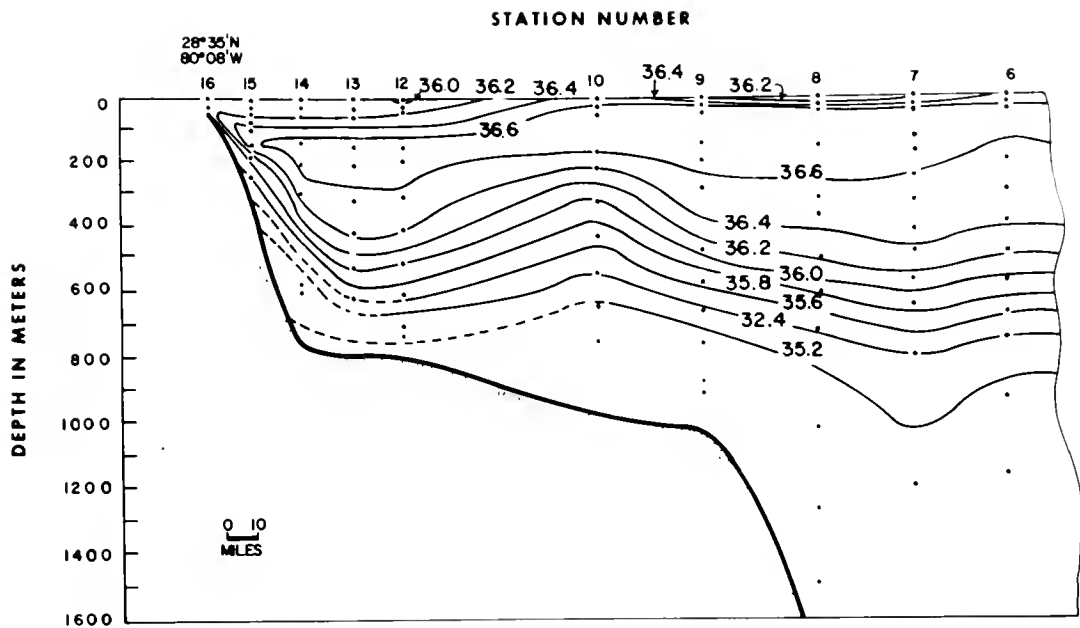


Figure 50.—Vertical section of salinity (‰). A7-2, CGC ANDROSCOGGIN, 26-28 June 1967, stations 1-16.

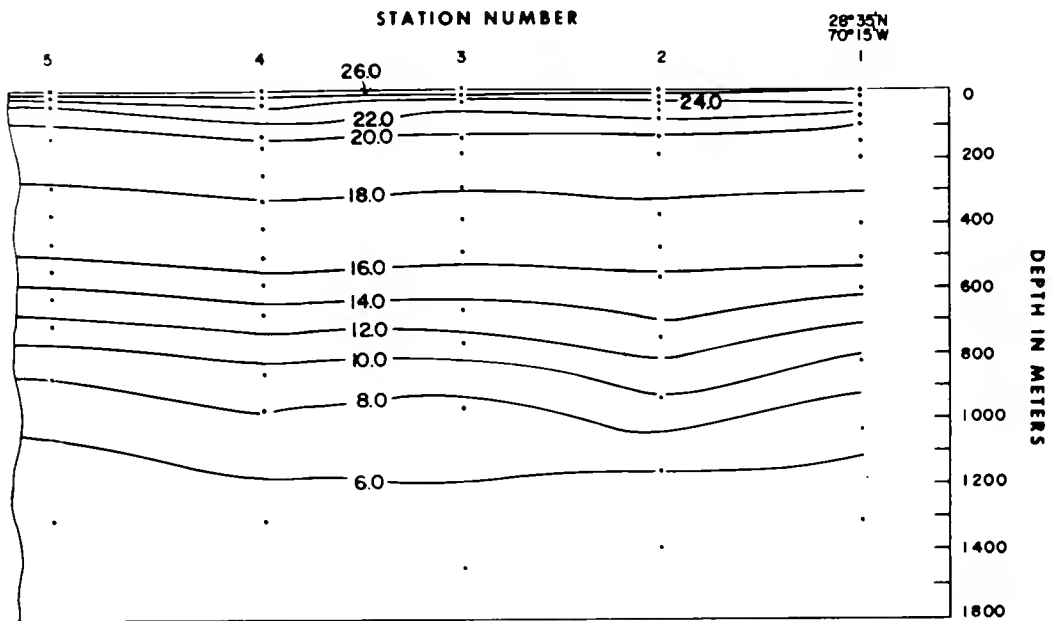
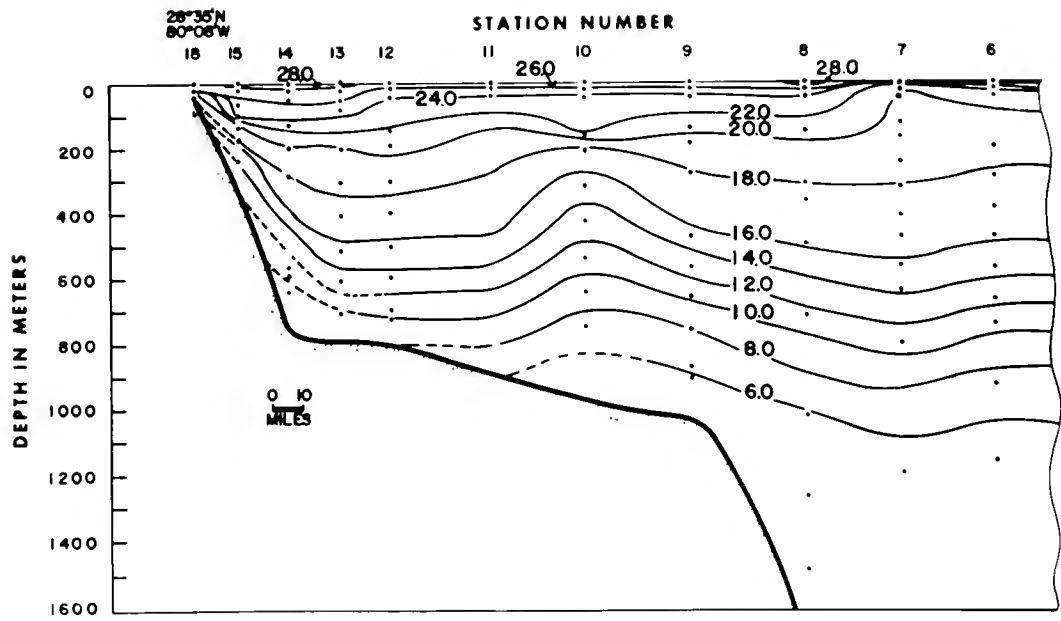


Figure 51.—Vertical section of temperature (°C). A7-2, CGC ANDROSCOGGIN, 26-28 June 1967, stations 1-16.

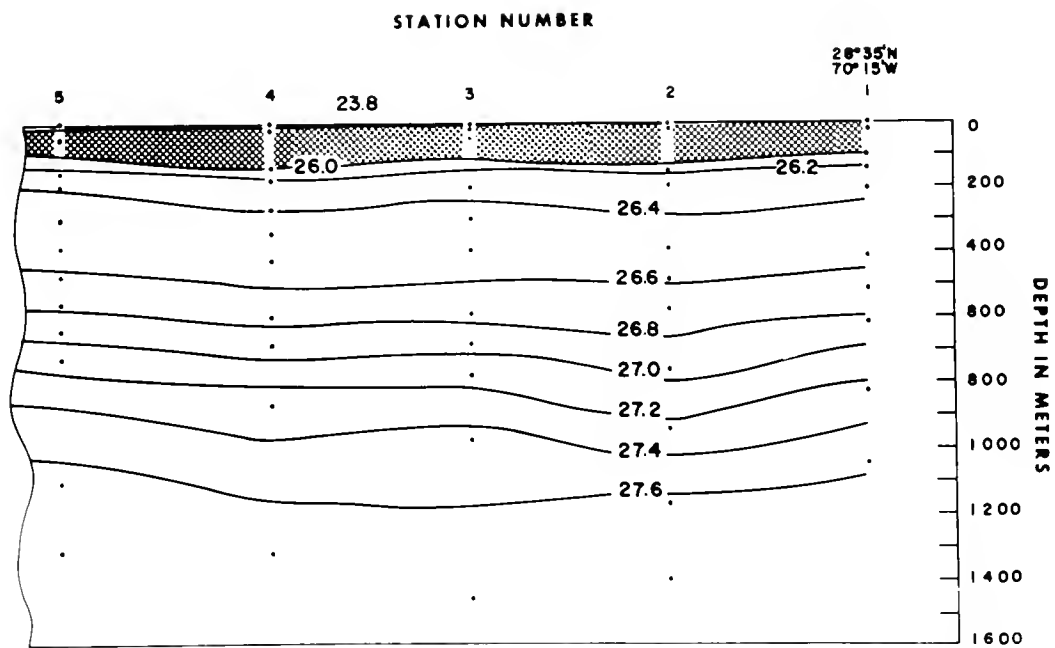
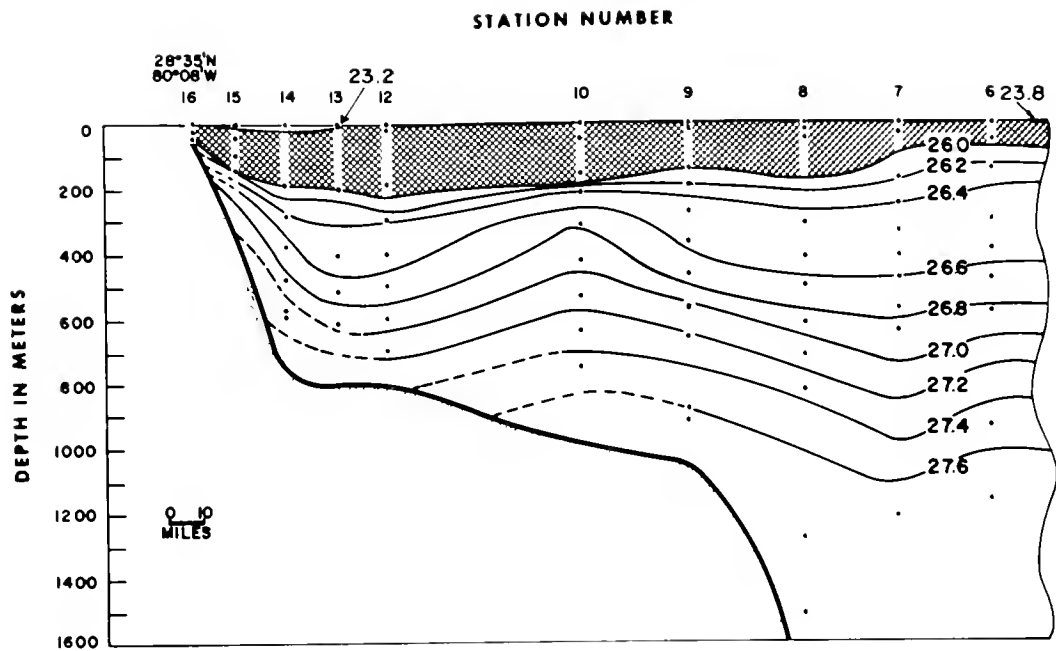


Figure 52.—Vertical section of sigma-t ($g/10^3 \text{ cm}^3$). A7-2, CGC ANDROSCOGGIN, 26-28 June 1967, stations 1-16. (Area of intense pycnocline indicated by crosshatching).

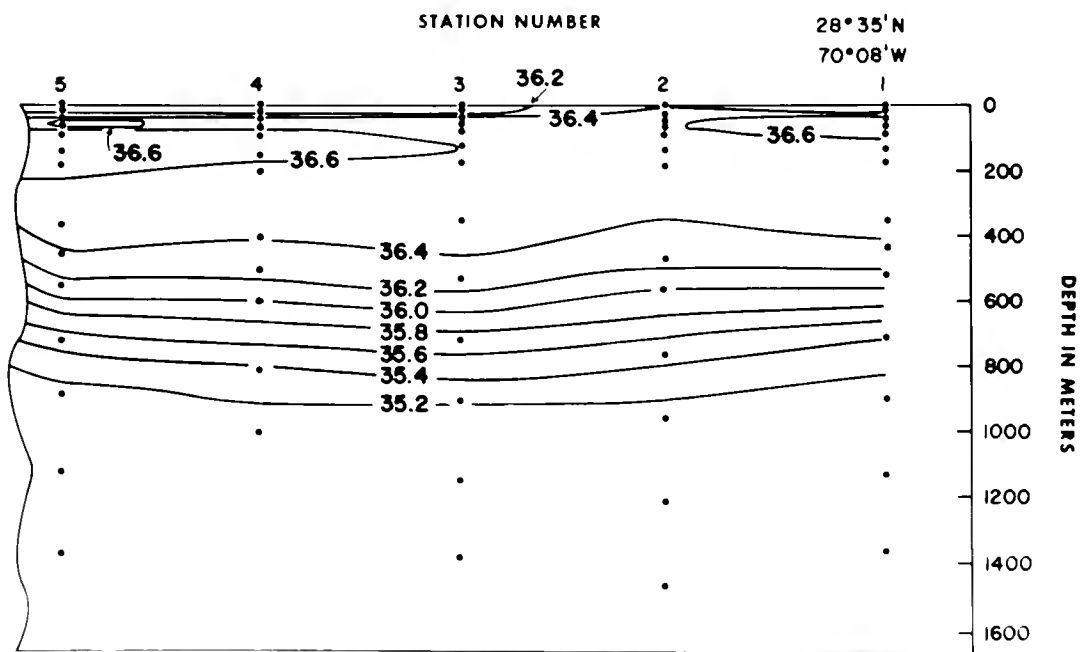
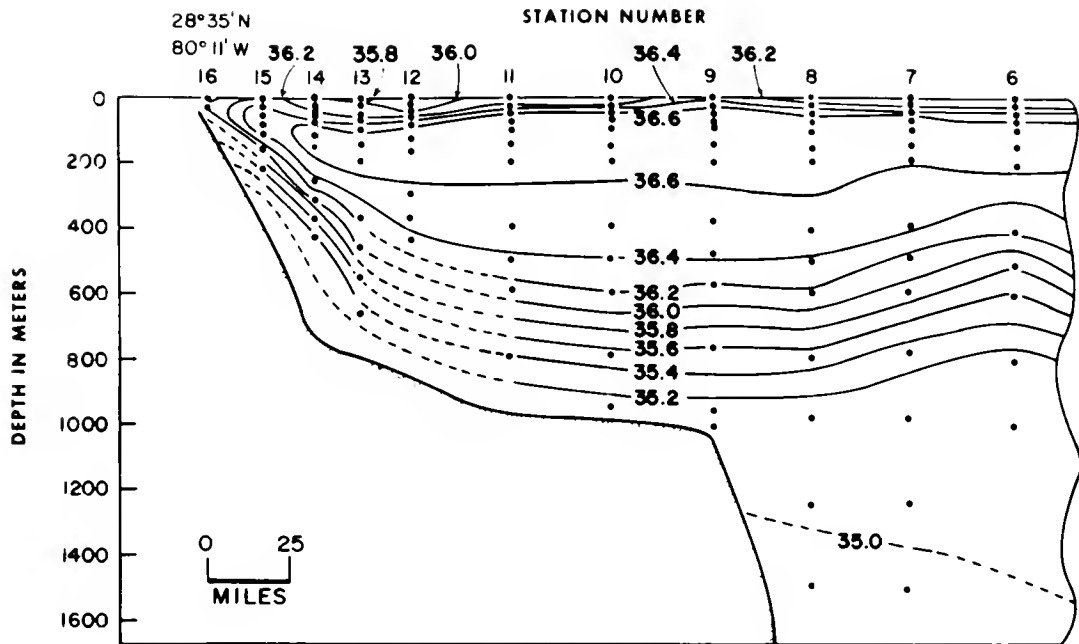


Figure 53.—Vertical section of salinity (‰). A7-3, CGC SEBAGO, 24–26 June 1968, stations 1-16.

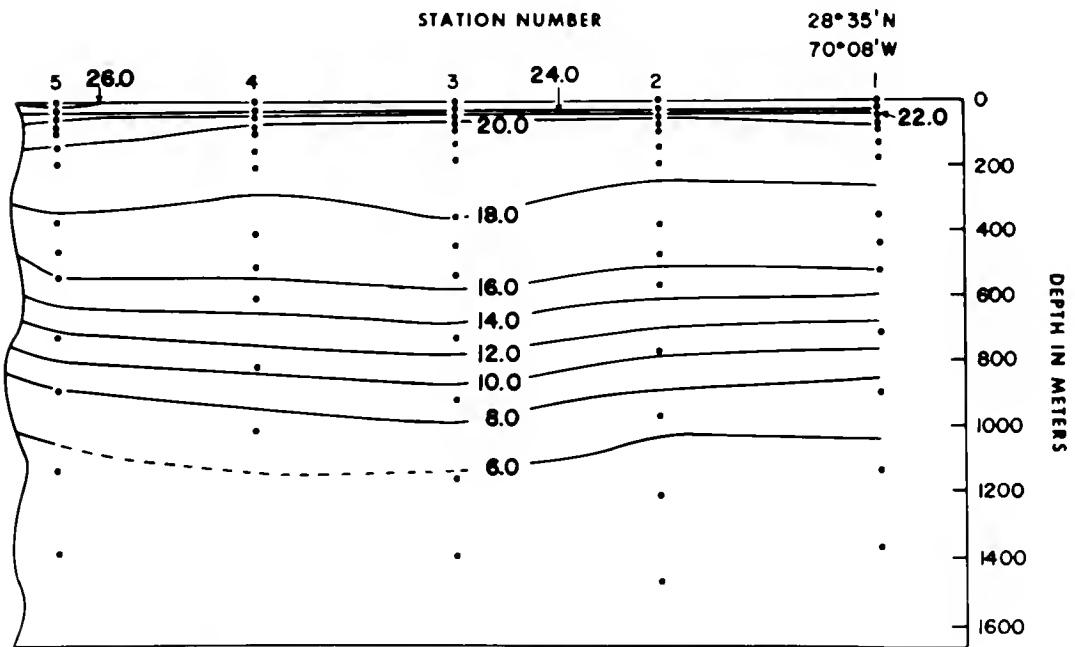
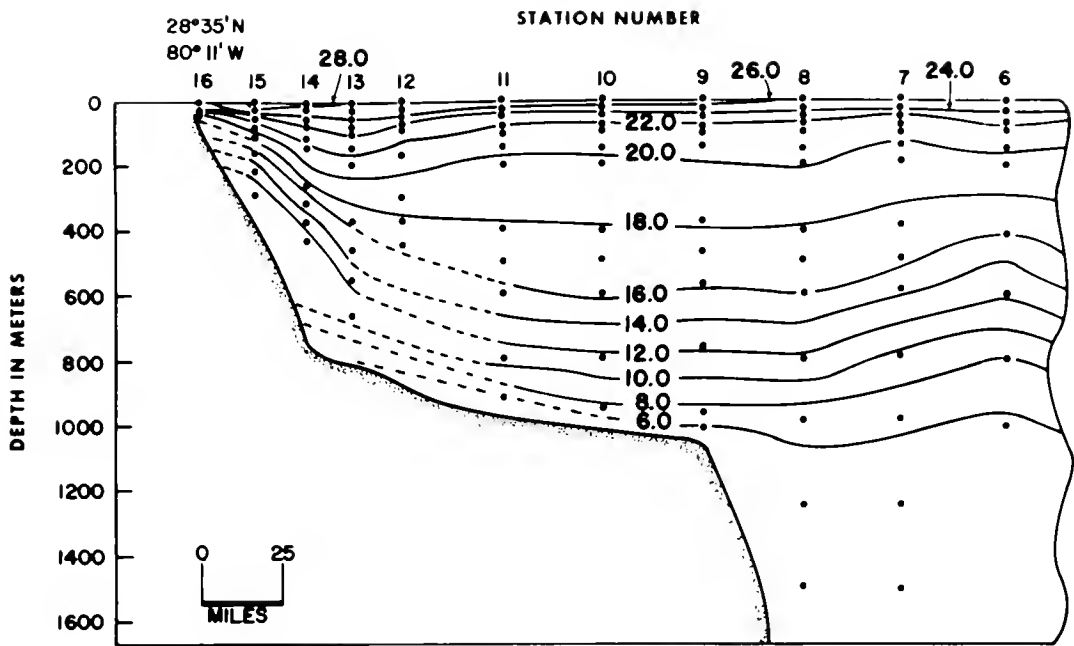


Figure 54.—Vertical section of temperature (°C). A7-3, CGC SEBAGO, 24–26 June 1968, stations 1-16.

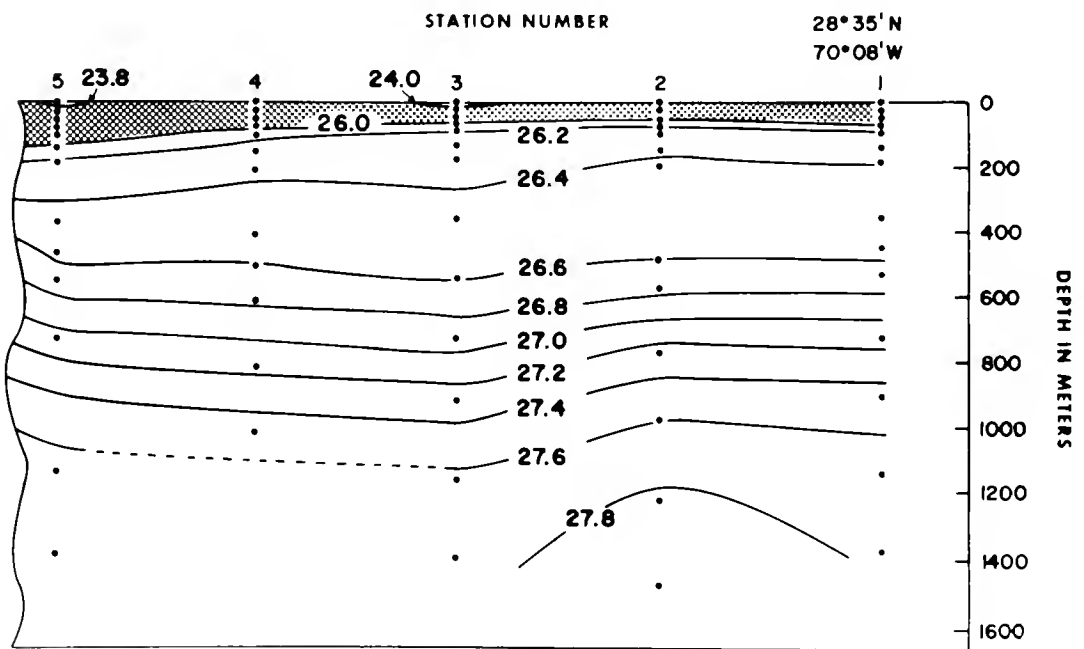
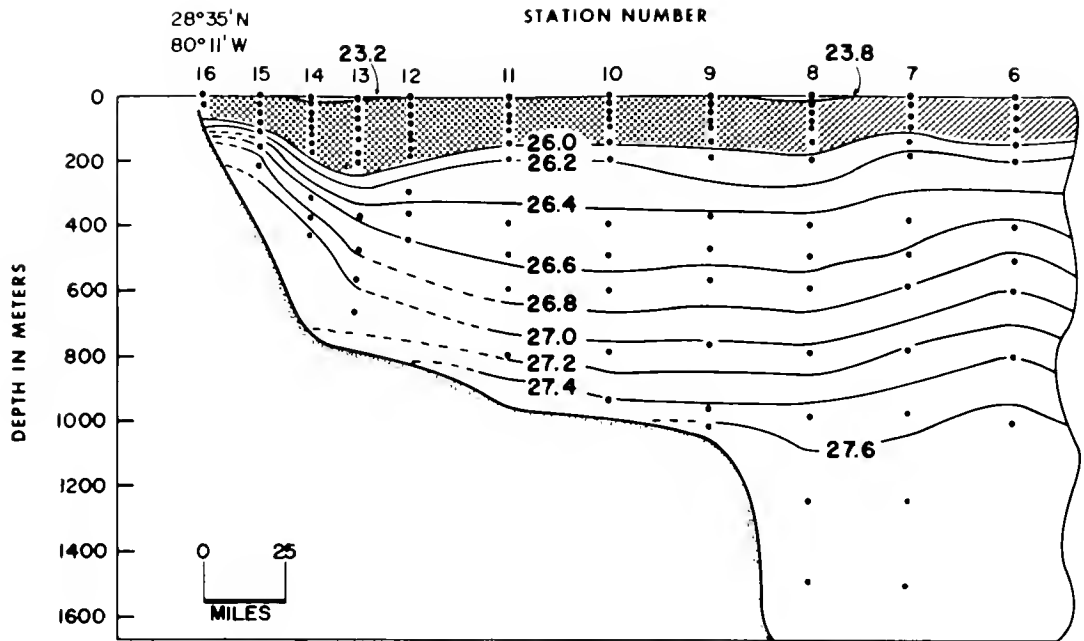


Figure 55.—Vertical section of sigma-t ($g/10^3 cm^3$). A7-3, CGC SEBAGO, 24–26 June 1968, stations 1-16. (Area of intense pycnocline indicated by crosshatching).

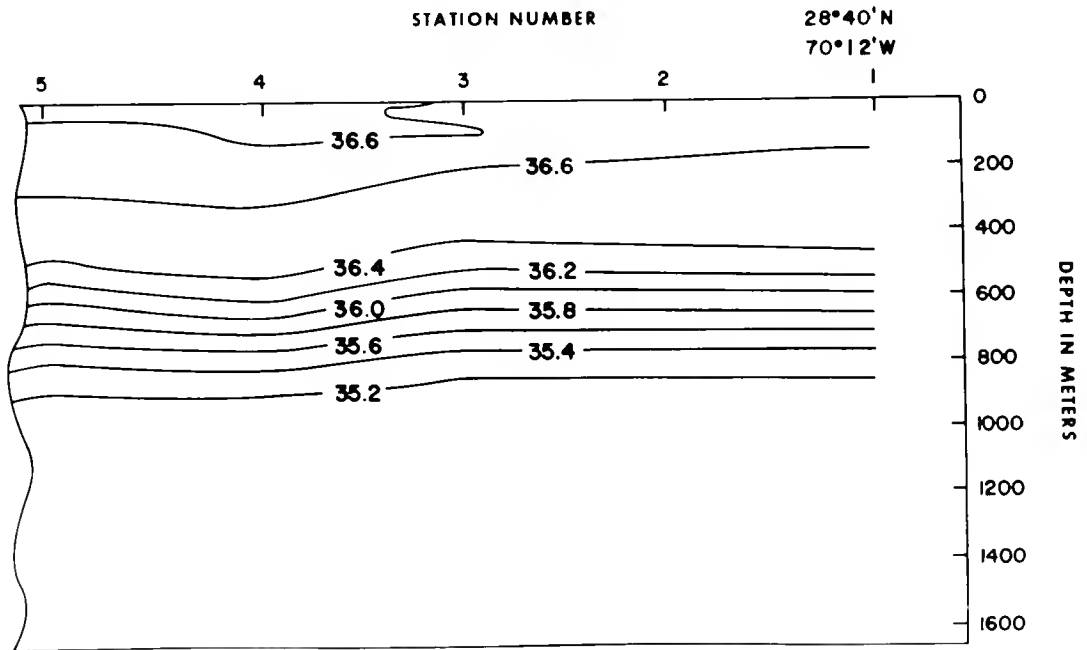
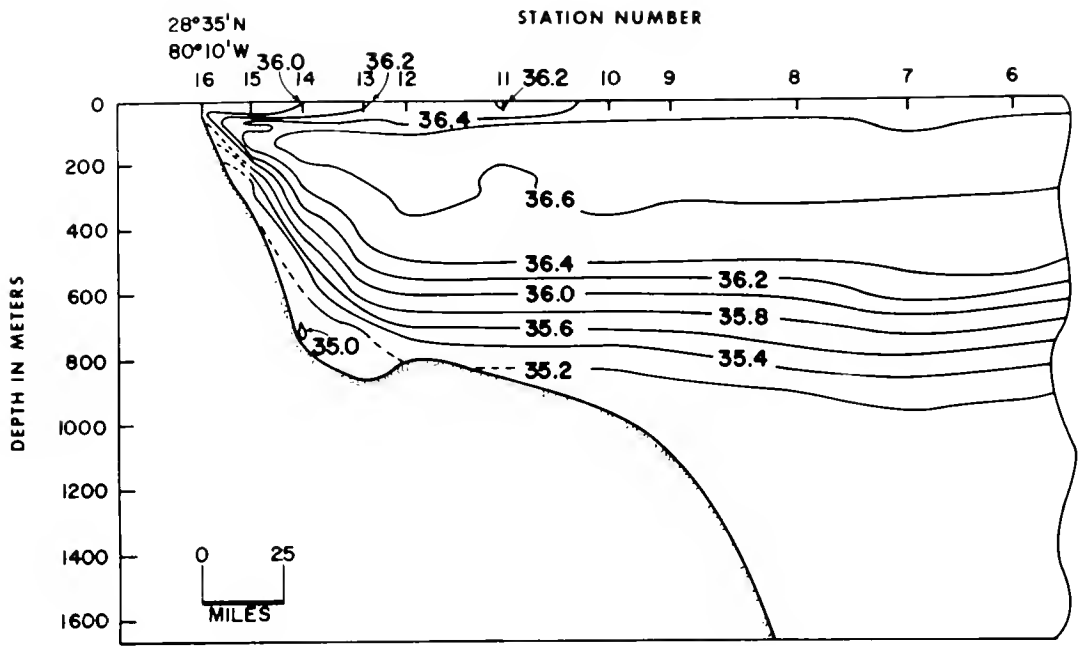


Figure 56.—Vertical section of salinity (‰). A7-4, CGC ANDROSCOGGIN, 9-11 December 1969, stations 1-16.

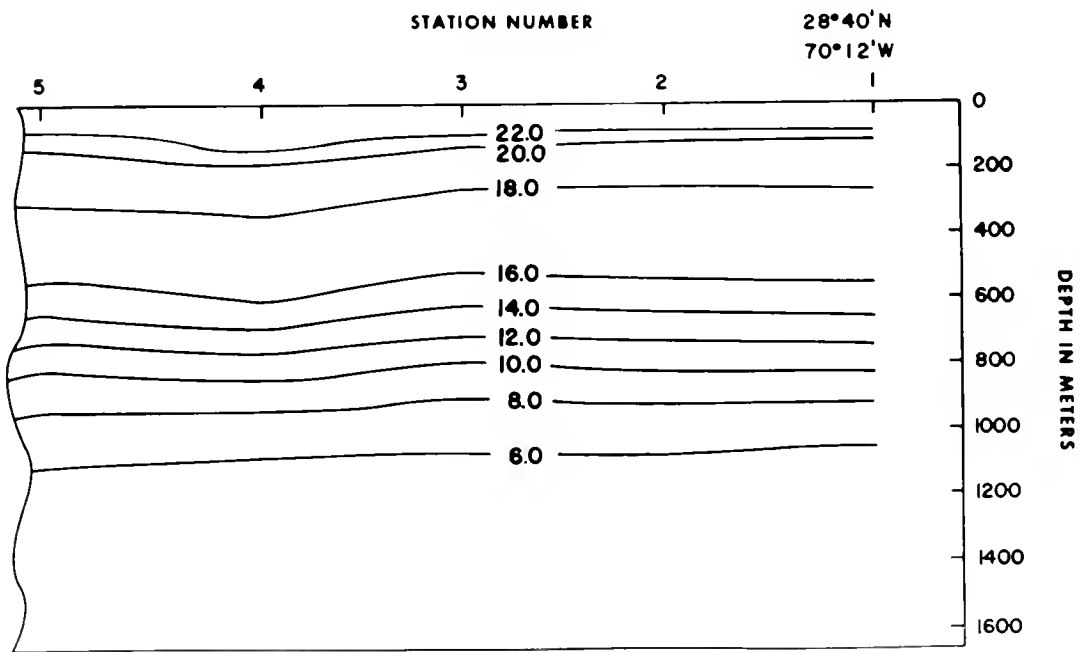
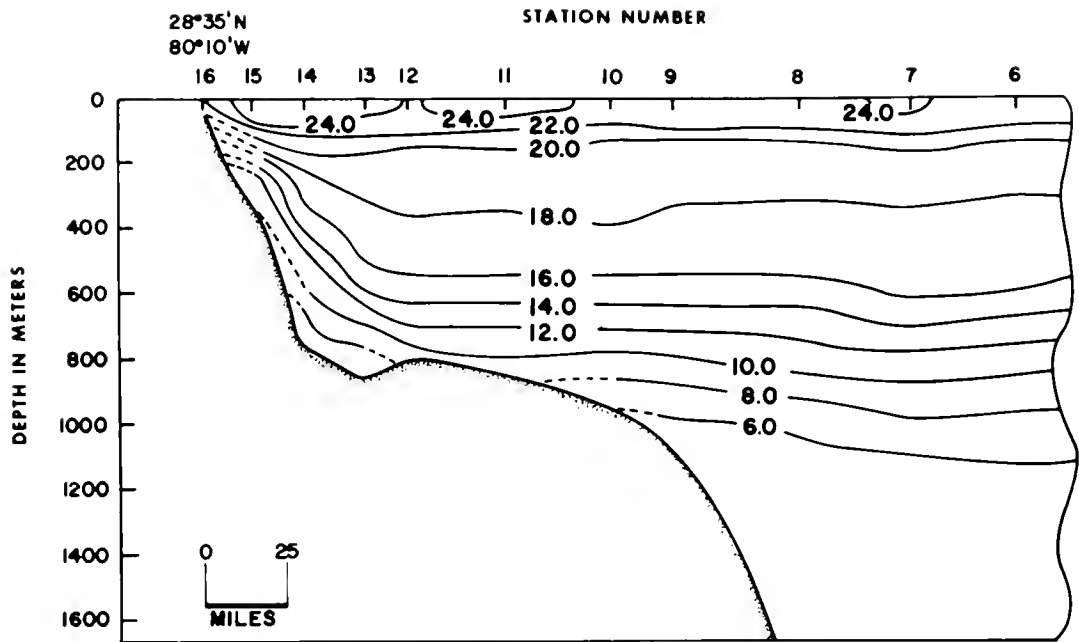


Figure 57.—Vertical section of temperature (°C). A7-4, CGC ANDROSCOGGIN, 9-11 December 1969, stations 1-16.

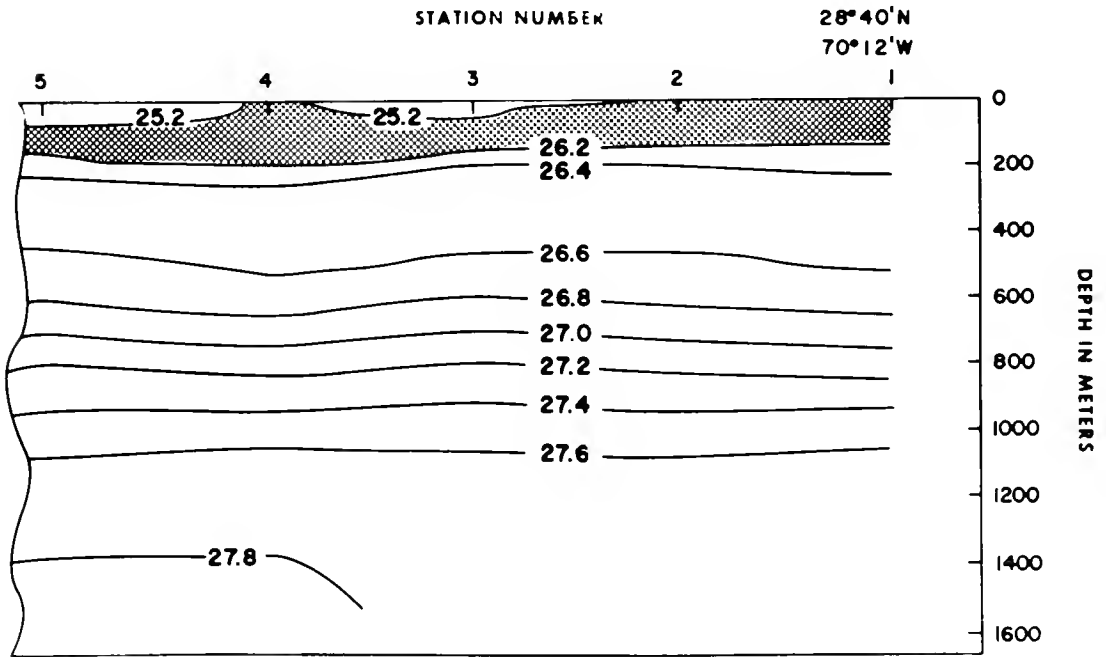
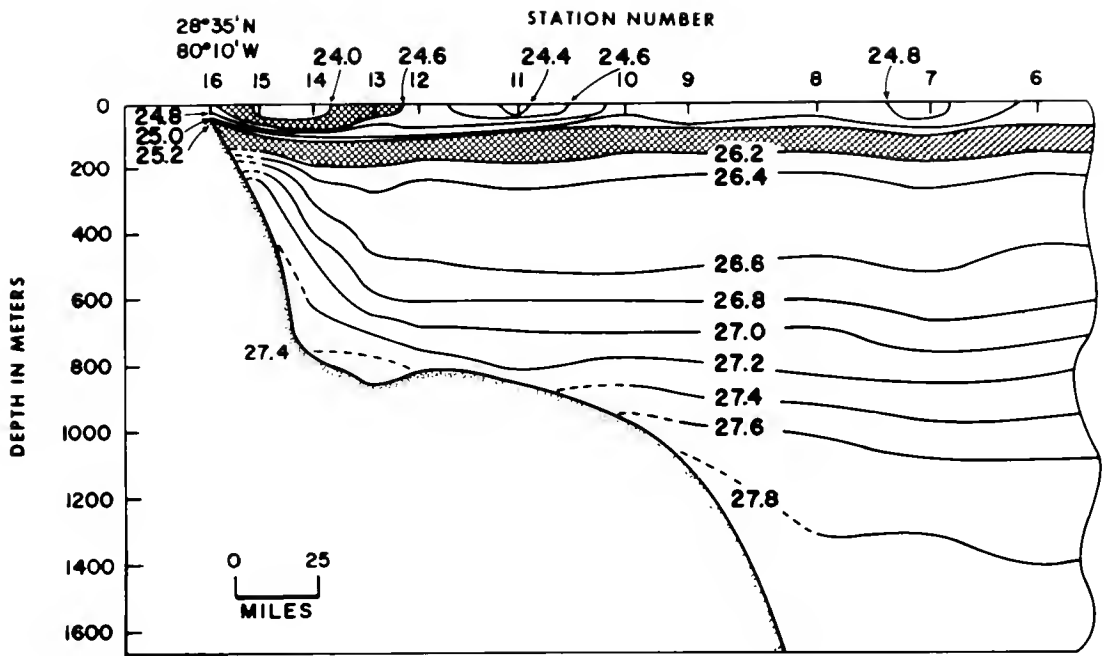


Figure 58.—Vertical section of sigma-t ($g/10^3 \text{ cm}^3$). A7-4, CGC ANDROSCOGGIN, 9-11 December 1969, stations 1-16. (Area of intense pycnocline indicated by crosshatching).

TEMPERATURE °C

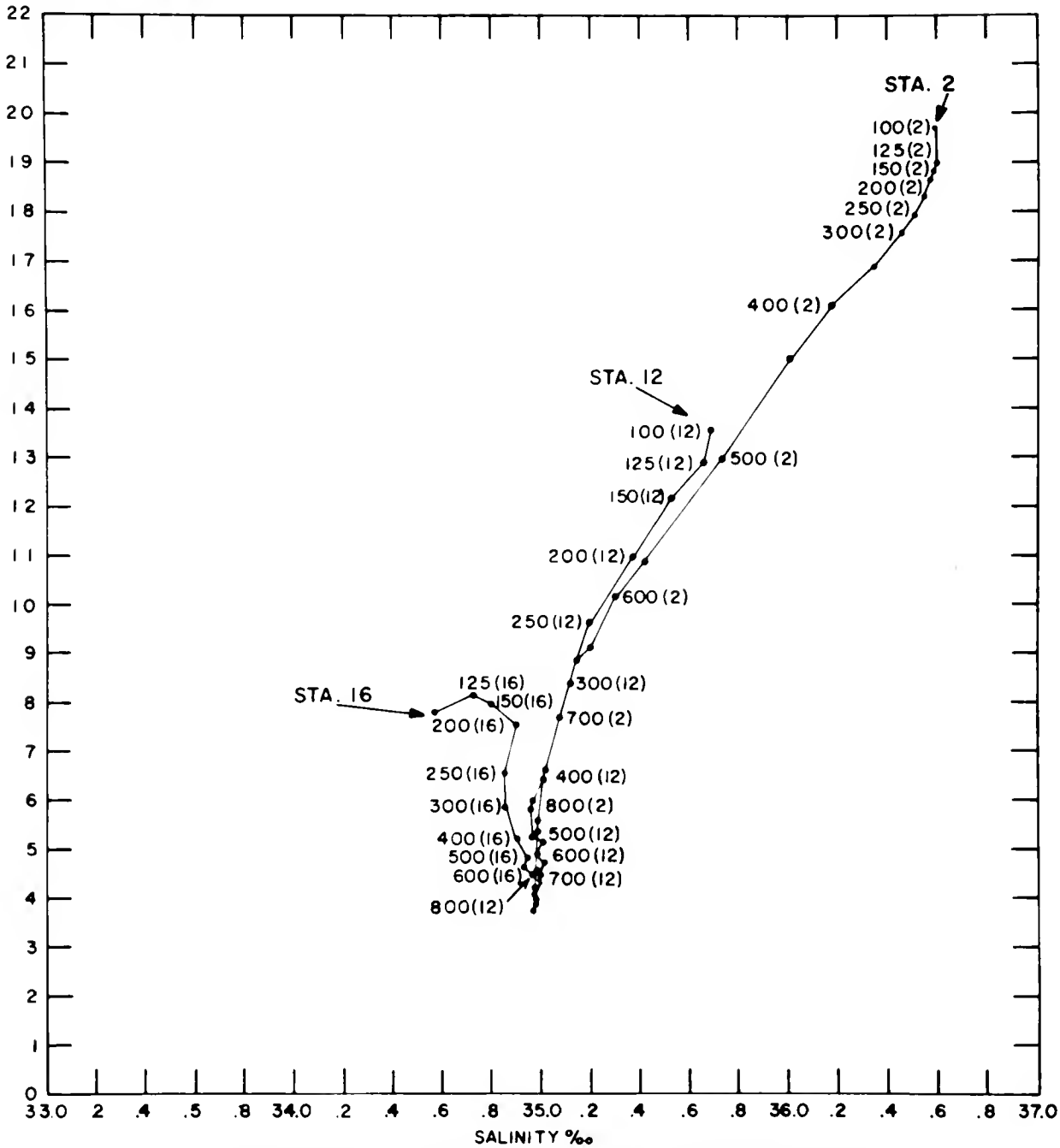


Figure 59.—Temperature-salinity diagram of stations 2 (North Atlantic Central Water), 12 (Slope Water) and 16 (Coastal Water) on standard section A5-3, November 1967. Data shallow than 100 meters not shown.

TEMPERATURE °C

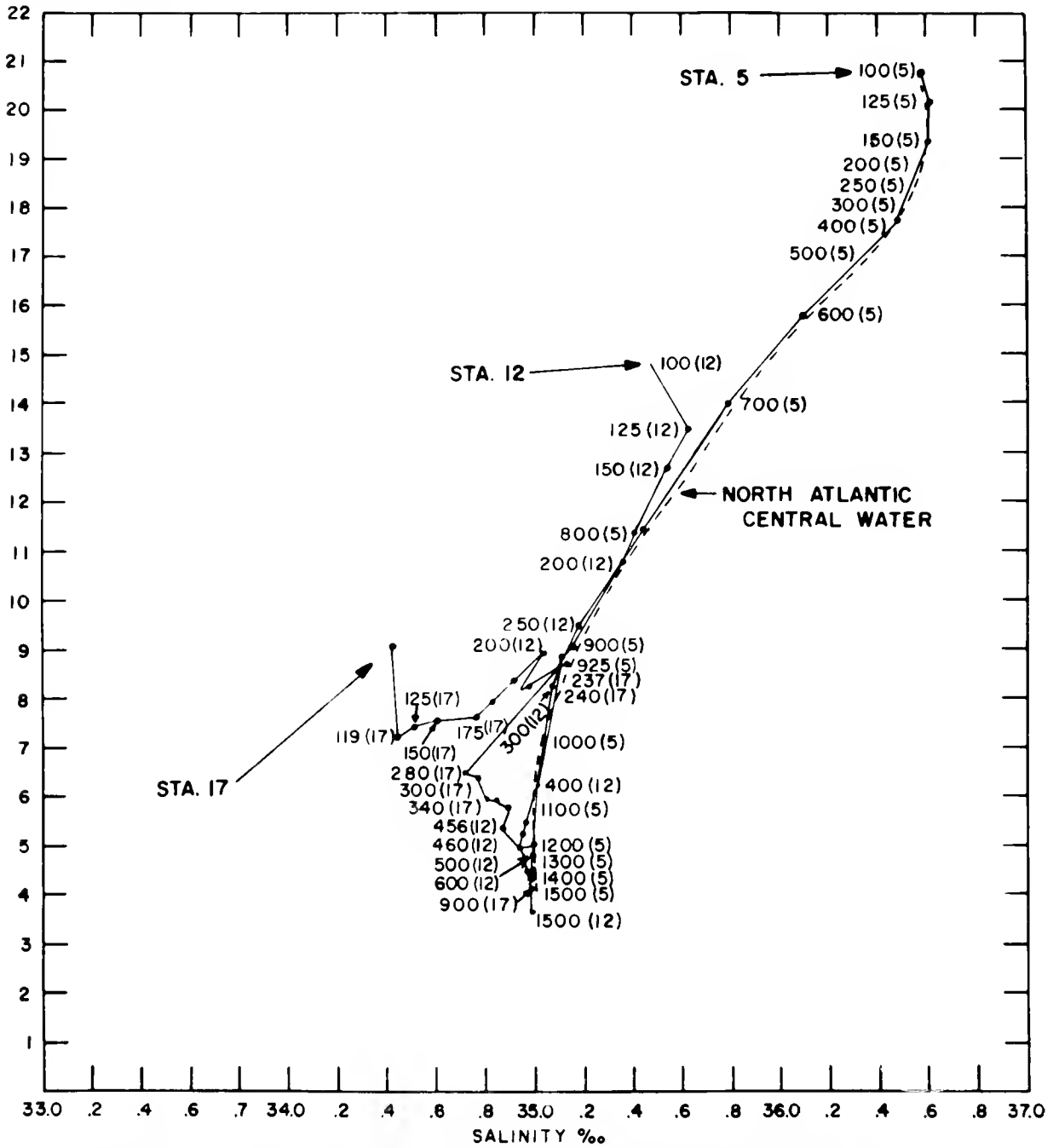


Figure 60.—Temperature-salinity diagram of stations 5 (North Atlantic Central Water), 12 (Slope Water), 17 (Coastal Water) on standard section A5-1, December 1967. Data shallower than 100 meters not known.

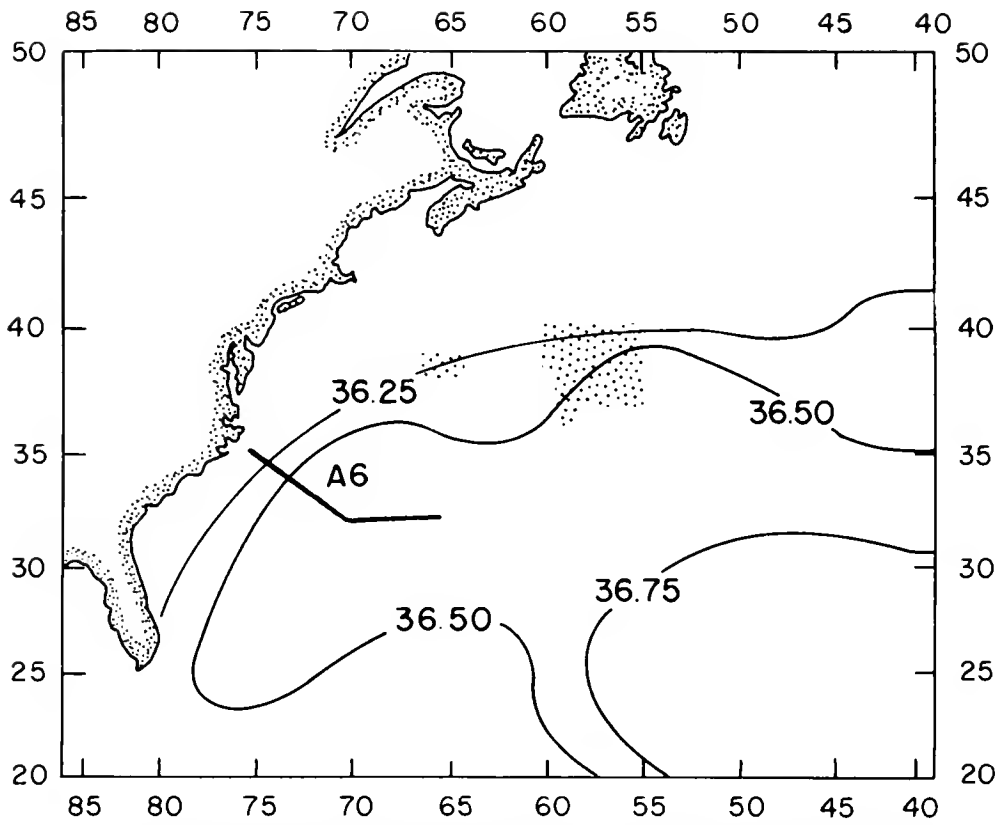


Figure 61.—Potential formation area for 18°C water during January, derived from mean January sea surface temperature and mean January, February and March sea surface salinity.

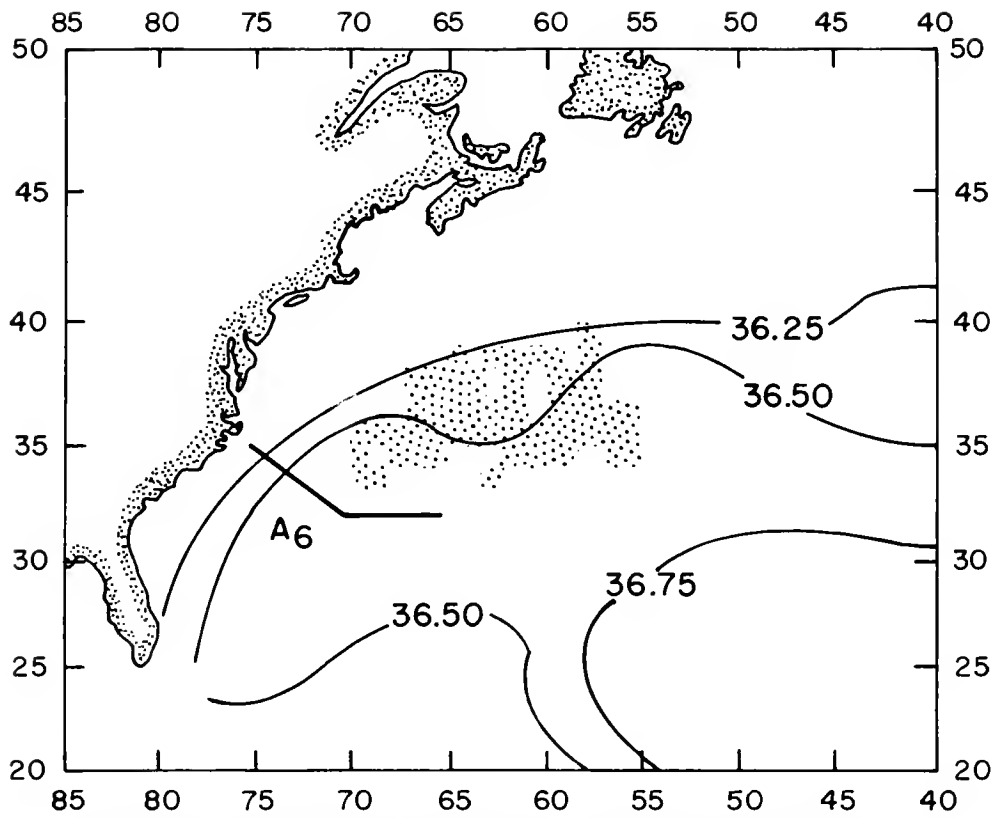


Figure 62.—Potential formation area for 18°C water during February derived from mean February sea surface temperature and mean January, February and March sea surface salinity.

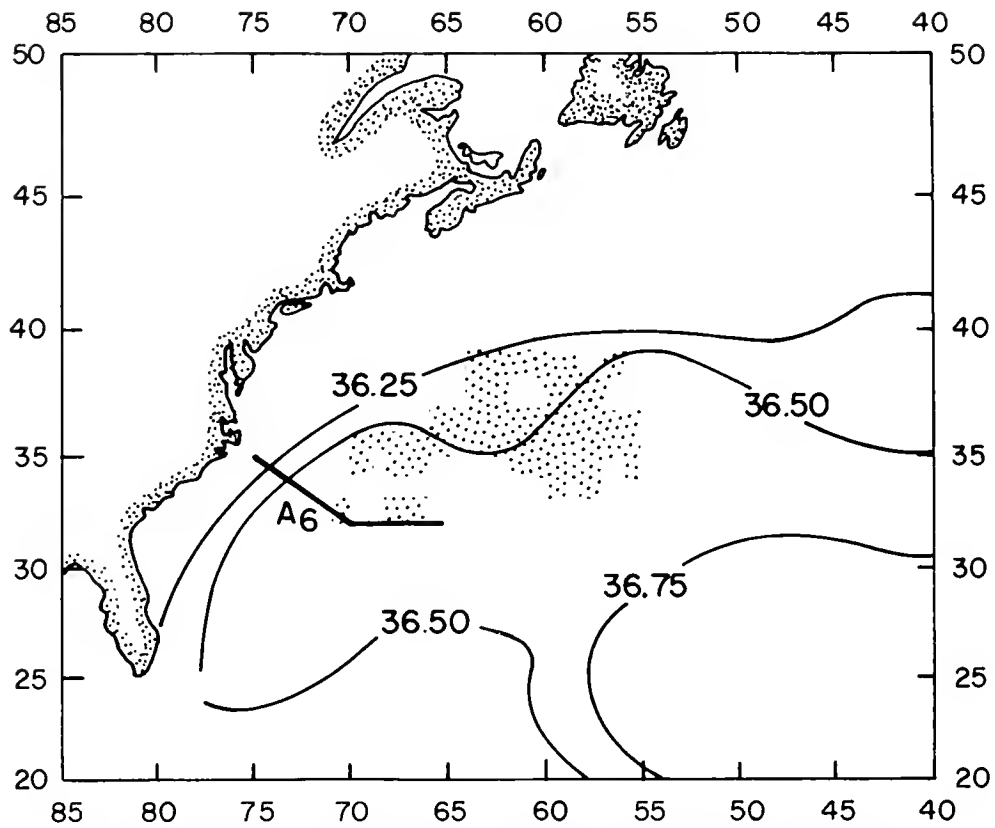


Figure 63.—Potential formation area for 18°C water during March, derived from mean March sea surface temperature and mean January, February and March sea surface salinity.

TABLE I. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17-22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.

REFERENCE		SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	MARS DEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	WAVE DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER	
CRUISE CODE	ID NO.					10'	1'	MO		DAY	HR			MIN	CRUISE NO.	STATION NUMBER				DIR
318006	EV		42165N	06557 W	151	25	01	17	122	1967	A52	001	0238	16	2	2	X1	6	3	0001
				WATER		WIND		BARO- METER		AIR TEMP °C		VIS		NO. OBS DEPTH		SPECIAL OBSERVATIONS				
				COLOR	TRANS	DIR	SPEED	OF	FORCE	DRY	BULB	WET	BULB	VIS	NO.	OBS	DEPTH			
				16	S15	281	033	011	8	08										
REFERENCE TIME HR 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-1/10°	Σ Δ DYN M 1/10°	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₃ -N μg - ml/l	NO ₂ -N μg - ml/l	NO ₃ -N μg - ml/l	SIO ₄ -S μg - ml/l	pH	σ _t	σ _θ	
134		STD	0000	0456	3175	2517	0028038	0000	14648	714										
		OBS	0000	0456	3174.9	2517			14648	714										
		STD	0010	0477	3175	2515	0028245	0028	14659	719										
134		OBS	0010		3175.1					719										
		STD	0020	0493	3203	2535	0026321	0055	14671	710										
134		OBS	0024	0498	3212.7	2543			14675	706										
		STD	0030	0500	3221	2549	0025069	0081	14678	702										
134		OBS	0049	0511	3255.3	2575			14690	671										
		STD	0050	0512	3258	2577	0022379	0128	14691	667										
134		OBS	0073	0533	3319.7	2623			14712	590										
		STD	0075	0534	3324	2626	0017747	0178	14713	587										
134		OBS	0097	0551	3364.1	2656			14729	556										
		STD	0100	0559	3369	2659	0014698	0219	14733	549										
		STD	0125	0610	3403	2680	0012747	0253	14763	507										
134		OBS	0145	0627	3425.9	2695			14776	492										
		STD	0150	0621	3431	2700	0010881	0283	14775	496										
		STD	0200	0563	3464	2733	0007770	0329	14764	539										
134		OBS	T0201	0562	3464.1	2734			14764	540										

REFERENCE		SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	MARS DEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	WAVE DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER	
CRUISE CODE	ID NO.					10'	1'	MO		DAY	HR			MIN	CRUISE NO.	STATION NUMBER				DIR
318006	EV		41435N	065380W	151	14	01	17	171	1967	A52	002	0265	19	1	2	X1	8	6	0002
				WATER		WIND		BARO- METER		AIR TEMP °C		VIS		NO. OBS DEPTH		SPECIAL OBSERVATIONS				
				COLOR	TRANS	DIR	SPEED	OF	FORCE	DRY	BULB	WET	BULB	VIS	NO.	OBS	DEPTH			
				19	S18	254	067	044	7	08										
REFERENCE TIME HR 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-1/10°	Σ Δ DYN M 1/10°	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₃ -N μg - ml/l	NO ₂ -N μg - ml/l	NO ₃ -N μg - ml/l	SIO ₄ -S μg - ml/l	pH	σ _t	σ _θ	
179		STD	0000	0447	3142	2492	0030434	0000	14640	713										
		OBS	0000	0447	3141.9	2492			14640	713										
		STD	0010	0445	3143	2493	0030313	0030	14641	727										
179		OBS	0010	0445	3143.4	2493			14641	727										
		STD	0020	0568	3224	2543	0025563	0058	14705	668										
179		OBS	0024	0614	3250.9	2559			14727	652										
		STD	0030	0699	3279	2571	0022990	0082	14766	649										
179		OBS	0049	0856	3354.3	2607			14840	640										
		STD	0050	0853	3357	2610	0019331	0124	14839	637										
179		OBS	0074	0806	3417.9	2664			14833	562										
		STD	0075	0807	3420	2665	0014087	0166	14834	559										
179		OBS	0098	0824	3453.5	2699			14848	503										
		STD	0100	0823	3455	2691	0011741	0199	14849	500										
		STD	0125	0816	3471	2704	0010476	0226	14852	468										
179		OBS	0147	0809	3477.7	2712			14854	456										
		STD	0150	0803	3461	2713	0009706	0252	14852	458										
179		OBS	T0107	0821	3478.9	2738			14789	486										

TABLE I. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17-22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

REFERENCE CITY CODE	SHIP ID. NO.	SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	MAGNETIC CORRECTION	MAGNETIC SQUARE		STATION TIME (GMT)		YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEA- THEr CODE	CLOUD CODES	NODC STATION NUMBER																												
						10'	1'	MO	DAY		HR	MIN			CRUISE NO.	STATION NUMBER	DIR				HGT	PER																										
318006	EV		4147 N	06524 W		15	01	17	208	1967	A52	003	2510		19	1	2	X1	6	2	0003																											
<table border="1"> <thead> <tr> <th colspan="2">WATER</th> <th colspan="2">WIND</th> <th colspan="2">BARO-</th> <th colspan="2">AIR TEMP °C</th> <th rowspan="2">NO. OF DEPTHS</th> <th rowspan="2">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>TEMP °C</th> <th>DIR</th> <th>SPEED KNOTS</th> <th>DIR</th> <th>MEAS OR FORCE</th> <th>MEAS</th> <th>WET BULB</th> <th>WET BULB</th> </tr> </thead> <tbody> <tr> <td>15</td> <td>506</td> <td>237</td> <td>083</td> <td>067</td> <td>8</td> <td>16</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>																					WATER		WIND		BARO-		AIR TEMP °C		NO. OF DEPTHS	SPECIAL OBSERVATIONS	TEMP °C	DIR	SPEED KNOTS	DIR	MEAS OR FORCE	MEAS	WET BULB	WET BULB	15	506	237	083	067	8	16			
WATER		WIND		BARO-		AIR TEMP °C		NO. OF DEPTHS	SPECIAL OBSERVATIONS																																							
TEMP °C	DIR	SPEED KNOTS	DIR	MEAS OR FORCE	MEAS	WET BULB	WET BULB																																									
15	506	237	083	067	8	16																																										
MESSAGE NO.	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY- σ_t	Σ D DOWN (m $\times 10^3$)	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P µg-at/l	TOTAL-P µg-at/l	NO ₂ -N µg-at/l	NO ₃ -N µg-at/l	SIO ₄ -Si µg-at/l	pH	3 C C																															
		STD	0000	0693	3288	2578	0022252	0000	14760	683																																						
218		OBS	0000	0693	3288	2578	0022252	0000	14760	683																																						
		STD	0010	0698	3288	2577	0022320	0022	14764	692																																						
218		OBS	0010	0698	3287	2577	0021673	0044	14764	692																																						
		STD	0020	0715	3300	2584	0021673	0044	14773	689																																						
218		OBS	0025	0725	33050	2587	0021380	0065	14779	687																																						
		STD	0030	0739	3308	2588	0020790	0108	14785	683																																						
		STD	0050	0790	3326	2594	0020790	0108	14811	664																																						
218		OBS	0050	0790	3325	2594	0019012	0157	14811	664																																						
		STD	0075	0848	3361	2614	0019012	0157	14842	636																																						
218		OBS	0075	0848	33614	2614	0015759	0201	14842	636																																						
		STD	0100	0694	3377	2648	0015759	0201	14789	610																																						
218		OBS	0101	0690	33778	2649	0012425	0236	14787	609																																						
		STD	0125	0654	3415	2683	0012425	0236	14782	570																																						
		STD	0150	0630	3443	2709	0010054	0264	14780	536																																						
218		OBS	0150	0630	34433	2709			14780	536																																						
		STD	0200	0626	3467	2728	0008286	0310	14790	492																																						
218		OBS	0201	0626	34677	2729	0007230	0349	14790	491																																						
		STD	0250	0606	3479	2740	0006336	0383	14792	490																																						
		STD	0300	0577	3487	2750	0006336	0383	14789	488																																						
218		OBS	0302	0576	34873	2750	0005073	0440	14789	488																																						
		STD	0400	0492	3492	2764	0004790	0489	14772	554																																						
218		OBS	0402	0491	34919	2764			14772	555																																						
		STD	0500	0458	3492	2768	0004790	0489	14774	588																																						
227		OBS	10585	0437	34915	2770	0004614	0536	14779	607																																						
		STD	0630	0435	3492	2771	0004482	0581	14781	608																																						
		STD	0700	0423	3493	2773	0004482	0581	14793	615																																						
227		OBS	0779	0415	34939	2774	0004393	0626	14803	619																																						
		STD	0800	0413	3494	2775	0004393	0626	14805	619																																						
		STD	0900	0405	3495	2776	0004357	0670	14819	620																																						
227		OBS	0971	0400	34948	2777	0004368	0757	14829	620																																						
		STD	1000	0398	3495	2777	0004368	0757	14833	622																																						
		STD	1100	0392	3495	2777	0004368	0757	14847	627																																						
227		OBS	11167	0388	34948	2778	0004379	0800	14856	629																																						
		STD	1200	0386	3495	2778	0004406	0844	14861	630																																						
		STD	1300	0381	3495	2779	0004431	0889	14875	631																																						
		STD	1400	0376	3495	2779	0004431	0889	14890	632																																						
227		OBS	1455	0373	34946	2779	0004454	0933	14898	632																																						
		STD	1500	0371	3495	2780	0004474	1045	14905	631																																						
		STD	1750	0360	3495	2781	0004474	1045	14942	628																																						
227		OBS	17939	0352	34960	2782			14971	626																																						

TABLE I. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17-22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

REFERENCE CTRY CODE	SHIP ID. NO.	LATITUDE ° 1/10	LONGITUDE ° 1/10	# OF SOUNDINGS	MARSden SQUARE		STATION TIME (GMT)		YEAR	ORIGINATOR'S STATION NUMBER		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLING	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES 1/10 2/10	NODC STATION NUMBER	
					10'	1"	MO	DAY		HR.	10			CAUSE NO.	NUMBER	DIR				HGT
318006	EV	4038 N	0644 W	151	04	01	18	061	1967	A52	005	4297		02	2	2	X2	7	8	0005
					WATER		WIND		AIR TEMP. °C		NO OBS. DEPTHS		SPECIAL OBSERVATIONS							
					COLOUR CODE	TRANS- MIT	DIR.	SPEED OF FORCE	BARO- METER IMBAL	REF. RULE	WET RULE	VIS. CODE								
					04	S10		186	078	072	7	14								
MISSING TIME HR 1/10	CASST NO	CARD TYPE	DEPTH m	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME KGM-1-10 ³	S.D. D. x 10 ²	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P µg · ml ⁻¹	TOTAL-P µg · ml ⁻¹	NO ₃ -N µg · ml ⁻¹	NO ₂ -N µg · ml ⁻¹	SIO ₄ -Si µg · ml ⁻¹	pH	S C C			
		STD	0000	1844	3616	2607	0019534	0000	15191											
067		OBS	0000	1844	36158	2607			15191											
		STD	0010	1846	3616	2606	0019596	0019	15194											
067		OBS	0015	1846	36160	2606			15194											
		STD	0020	1846	3616	2606	0019640	0039	15195											
067		OBS	0025	1846	36160	2606			15196											
		STD	0030	1840	3613	2605	0019784	0058	15195											
		STD	0050	1810	3603	2605	0019824	0098	15188											
067		OBS	0066	1776	35995	2611			15181											
		STD	0075	1754	3600	2617	0018809	0146	15176											
067		OBS	0091	1707	36016	2629			15165											
		STD	0100	1675	3604	2639	0016784	0191	15157											
067		OBS	0117	1608	36044	2655			15139											
		STD	0125	1567	3599	2660	0014867	0230	15127											
		STD	0150	1447	3582	2674	0013598	0266	15092											
067		OBS	0165	1382	35734	2681			15072											
		STD	0200	1282	3559	2691	0012111	0330	15043											
		STD	0250	1149	3542	2703	0011023	0388	15003											
		STD	0300	1027	3528	2714	0010032	0441	14966											
067		OBS	0318	0986	35232	2718			14954											
		STD	0400	0816	3509	2734	0008189	0532	14902											
067		OBS	0420	0780	35064	2737			14891											
		STD	0500	0656	3501	2751	0006594	0606	14855											
		STD	0600	0542	3497	2762	0005543	0666	14826											
067		OBS	0623	0522	34963	2764			14821											
		STD	0700	0493	3496	2767	0005143	0720	14822											
		STD	0800	0461	3495	2770	0004904	0770	14826											
067		OBS	10826	0454	34949	2771			14827											
		STD	0900	0434	3494	2772	0004739	0818	14831											
		STD	1000	0414	3494	2774	0004631	0865	14839											
067		OBS	1032	0409	34936	2775			14842											
		STD	1100	0405	3494	2776	0004578	0911	14852											
		STD	1200	0398	3495	2777	0004546	0957	14866											
067		OBS	11237	0396	34948	2777			14871											
		STD	1300	0392	3495	2778	0004538	1002	14880											
		STD	1400	0386	3495	2778	0004537	1048	14895											
		STD	1500	0381	3495	2779	0004533	1093	14909											
067		OBS	11527	0379	34953	2779			14913											

TABLE 1. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17-22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

REFERENCE CLIP CODE	SHIP ID NO.	SHIP CODE	LATITUDE °	LONGITUDE °	TIME 1/16	MARSSEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	WAVE DEPTH OF STAMPUS	WAVE OBSERVATIONS			WEA- THES CODE	CLOUD CODES	NODC STATION NUMBER	
							TO	1	NO		CRUISE NO.	STATION NUMBER			DR	H	PER				DIR
318006	EV		40155N	06412 W	151	04	01	18	116	1967	A52	006	4609		34	3	2	X6	0	3	0006
WATER		WIND		BARO-		AIR TEMP °C		SPECIAL													
COLOR CODE	TRANS %*	DIR	SPEED OR FORCE	METER (MMB)	DRY BULB	WET BULB	VIS CODE	NO. OF DEPTHS	OBSERVATIONS												
DT	SO	34	534	166	122	117	5	24													
MESSAGE TIME HR 1/16	CASST NO	CARD TYPE	DEPTH (M)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY-110°	$\Sigma \Delta D$ DN M F 103	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg/l	TOTAL-P μg/l	NO ₃ -N μg/l	NO ₂ -N μg/l	SiO ₄ -S μg/l	PH	3 NO3				
	116	STD	0000	1821	3591	2593	0020793	0000	15182												
		OBS	0000	1821	35909	2593			15182												
		STD	0010	1821	3591	2593	0020846	0020	15183												
		OBS	0010	1821	35907	2593			15183												
		STD	0020	1821	3589	2592	0020980	0041	15185												
	003	OBS	0020	1821	35894	2592			15185												
		STD	0030	1821	3589	2592	0021069	0062	15187												
		OBS	0030	1821	35886	2592			15187												
		STD	0050	1800	3572	2584	0021833	0105	15182												
		OBS	0050	1800	35722	2584			15182												
		STD	0075	1740	3567	2595	0020925	0159	15168												
		OBS	0075	1740	35666	2595			15168												
		STD	0100	1719	3564	2598	0020715	0211	15165												
		OBS	0100	1719	35639	2598			15165												
		STD	0125	1630	3550	2608	0019776	0261	15141												
		OBS	0125	1630	35503	2608			15141												
		STD	0150	1609	3569	2627	0018044	0309	15141												
		OBS	0150	1609	35688	2627			15141												
		STD	0200	1440	3562	2660	0015042	0391	15095												
		OBS	0200	1440	35624	2660			15095												
		STD	0250	1264	3548	2686	0012715	0461	15044												
		OBS	0250	1264	35481	2686			15044												
		STD	0300	1135	3530	2696	0011758	0522	15005												
		OBS	0300	1135	35299	2696			15005												
		STD	0400	0936	3511	2716	0009958	0630	14947												
		OBS	0400	0936	35108	2716			14947												
		STD	0500	0717	3490	2734	0008282	0722	14878												
		OBS	0500	0717	34902	2734			14878												
		STD	0600	0616	3496	2752	0006610	0796	14855												
		OBS	0600	0616	34958	2752			14855												
		STD	0700	0531	3494	2761	0005731	0858	14837												
		OBS	0700	0531	34942	2761			14837												
		STD	0800	0482	3496	2768	0005103	0912	14834												
		OBS	0800	0482	34959	2768			14834												
		STD	0900	0472	3494	2769	0005184	0963	14847												
		OBS	0900	0472	34945	2769			14847												
		STD	1000	0448	3494	2771	0005049	1015	14853												
		OBS	1000	0448	34937	2771			14853												
		STD	1100	0449	3496	2772	0005012	1065	14871												
		OBS	1100	0449	34958	2772			14871												
		STD	1200	0425	3492	2772	0005082	1115	14877												
		OBS	1200	0425	34919	2772			14877												
		STD	1300	0412	3493	2774	0004961	1166	14888												
		OBS	1300	0412	34926	2774			14888												
		STD	1400	0403	3492	2774	0004980	1215	14901												
		OBS	1400	0403	34920	2774			14901												
		STD	1500	0398	3492	2775	0005008	1265	14916												
		OBS	1500	0398	34919	2775			14916												

TABLE I. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17-22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

REFERENCE CROSS ID NO	SHIP CODE	LATITUDE ° 10	LONGITUDE ° 10	MAGNETIC SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	WAVE OBSERVATIONS		CLOUD CODES	NODC STATION NUMBER														
					MO	DAY	HR:10		CAUSE NO	STATION NUMBER		OR	PERCENT STA			WEA- THER CODE	CLOUD TYPE AMT												
11	06	EL	39485N	06355 W	115	93	01 18 141	1967	A52	007	4755	27	3 2	X1	0 3	0007													
				WATER		WIND		BARO-		AIR TEMP °C		SPECIAL																	
				COLOR	TRANSP	DIR	SPEED	METER	DATE	WET	VIS	NO																	
				CODE	(m)	(°)	(knot)	(mb)	(RUR)	(RUR)	(CODE)	OF																	
				DT	SD	29	S22	230	122	100	7	24																	
WISER TIME HR		LAST NO		CROSS TYPE		DEPTH (m)		T °C		S ‰		SIGMA-T		SOUND VELOCITY		O ₂ (ml/l)		PO ₄ -P µg - (µl/l)		TOTAL-P µg - (µl/l)		NO ₃ -N µg - (µl/l)		NO ₂ -N µg - (µl/l)		SI O ₄ -S µg - (µl/l)		pH	
				STD		0000		2083		3642		2564		0023566		0000													
141				OBS		0000		2083		36424		2564				15260													
				STD		0010		2082		3643		2565		0023550		0023		15262											
				OBS		0010		2082		36427		2565				15262													
				STD		0020		2082		3643		2565		0023587		0047		15263											
004				OBS		0020		2082		36427		2565				15263													
				STD		0030		2082		3642		2564		0023652		0070		15265											
				OBS		0030		2082		36424		2564				15265													
				STD		0050		2030		3642		2578		0022393		0116		15254											
				OBS		0050		2030		36423		2578				15254													
				STD		0075		2028		3643		2579		0022413		0172		15258											
				OBS		0075		2028		36427		2579				15258													
				STD		0100		2020		3643		2582		0022278		0228		15260											
				OBS		0100		2020		36430		2582				15260													
				STD		0125		2010		3655		2593		0021247		0283		15263											
				OBS		0125		2010		36550		2593				15263													
				STD		0150		1957		3656		2608		0019910		0334		15253											
				OBS		0150		1957		36563		2608				15253													
				STD		0200		1859		3651		2630		0018060		0429		15233											
				OBS		0200		1859		36509		2630				15233													
				STD		0250		1822		3649		2638		0017465		0518		15230											
				OBS		0250		1822		36491		2638				15230													
				STD		0300		1790		3640		2638		0017543		0605		15228											
				OBS		0300		1790		36398		2638				15228													
				STD		0400		1682		3621		2651		0016685		0776		15210											
				OBS		0400		1682		36213		2651				15210													
				STD		0500		1481		3572		2659		0016095		0940		15159											
				OBS		0500		1481		35719		2659				15159													
				STD		0600		1176		3542		2698		0012334		1083		15070											
				OBS		0600		1176		35424		2698				15070													
				STD		0700		0908		3514		2724		0009847		1193		14987											
				OBS		0700		0908		35141		2724				14987													
				STD		0800		0697		3496		2742		0008003		1283		14921											
				OBS		0800		0697		34965		2742				14921													
				STD		0900		0557		3493		2757		0006427		1355		14881											
				OBS		0900		0557		34928		2757				14881													
				STD		1000		0503		3493		2764		0005781		1416		14876											
				OBS		1000		0503		34934		2764				14876													
				STD		1100		0480		3494		2767		0005552		1473		14883											
				OBS		1100		0480		34939		2767				14883													
				STD		1200		0431		3490		2770		0005284		1527		14879											
				OBS		1200		0431		34902		2770				14879													
				STD		1300		0418		3491		2772		0005165		1579		14890											
				OBS		1300		0418		34909		2772				14890													
				STD		1400		0414		3490		2772		0005236		1631		14905											
				OBS		1400		0414		34905		2772				14905													
				STD		1500		0406		3491		2773		0005186		1683		14919											
				OBS		1500		0406		34909		2773				14919													

TABLE I. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17-22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

REFERENCE CTR CODE	SHIP CODE	LATITUDE ° '"/10	LONGITUDE ° '"/10	MARSSEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	WAVE OBSERVATIONS	WEA- THIP CODE	CLOUD CODES	NODC STATION NUMBER						
					MO	DAY	HR./10		CRUISE NO.	STATION NUMBER											
318006	EV	39245N	063395W	115	93	01	18	203	1967	A52	008	4846	31	3	2	X1	0	3	0008		
				WATER		WIND		BARO-		AIR TEMP °C		NO. OBS.		SPECIAL							
				COLOR		SPEED		METER		DRY		WET		WIL		NO.		OBS.		SPECIAL	
				CODE		DIR		UMBAR		BULB		BULB		CODE		OBS.		OBS.		OBSERVATIONS	
				DT		SD		S25		254		117		083		7		27			
MESSAGE TIME HR. /10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SICHC VOLUME ANOMALY (10 ³)	Σ Δ D OYN. M. ± 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₃ -N μg - ml/l	NO ₂ -N μg - ml/l	SI O ₂ -S μg - ml/l	pH	3 CL				
	203	STD	0000	1997	3643	2588	0021346	0000	15237												
		OBS	0000	1997	36427	2588			15237												
		STD	0010	1998	3642	2587	0021428	0021	15239												
		OBS	0010	1998	36424	2587			15239												
		STD	0020	1998	3642	2587	0021465	0042	15241												
	003	OBS	0020	1998	36424	2587			15241												
		STD	0030	1998	3642	2587	0021502	0064	15242												
		OBS	0030	1998	36424	2587			15242												
		STD	0050	1999	3642	2587	0021603	0107	15246												
		OBS	0050	1999	36424	2587			15246												
		STD	0075	1999	3642	2587	0021695	0161	15250												
		OBS	0075	1999	36424	2587			15250												
		STD	0100	1999	3643	2587	0021769	0215	15254												
		OBS	0100	1999	36426	2587			15254												
		STD	0125	1999	3642	2586	0021906	0270	15258												
		OBS	0125	1999	36420	2586			15258												
		STD	0150	1999	3642	2587	0021988	0325	15262												
		OBS	0150	1999	36421	2587			15262												
		STD	0200	1934	3654	2613	0019697	0429	15254												
		OBS	0200	1934	36538	2613			15254												
		STD	0250	1862	3649	2628	0018435	0524	15242												
		OBS	0250	1862	36492	2628			15242												
		STD	0300	1826	3648	2636	0017793	0615	15239												
		OBS	0300	1826	36483	2636			15239												
		STD	0400	1759	3636	2643	0017424	0791	15235												
		OBS	0400	1759	36360	2643			15235												
		STD	0500	1697	3624	2649	0017173	0964	15232												
		OBS	0500	1697	36239	2649			15232												
		STD	0600	1388	3566	2674	0014833	1124	15145												
		OBS	0600	1388	35661	2674			15145												
		STD	0700	1094	3524	2699	0012363	1260	15056												
		OBS	0700	1094	35243	2699			15056												
		STD	0800	0821	3501	2727	0009588	1370	14969												
		OBS	0800	0821	35009	2727			14969												
		STD	0900	0625	3495	2750	0007197	1454	14909												
		OBS	0900	0625	34952	2750			14909												
		STD	1000	0552	3495	2760	0006311	1521	14896												
		OBS	1000	0552	34952	2760			14896												
		STD	1050	0480	34879	2762			14874												
		OBS	1050	0480	34879	2762			14874												
		STD	1100	0471	3489	2764	0005786	1582	14879												
		OBS	1100	0471	34891	2764			14879												
		STD	1160	0455	34869	2764			14882												
		OBS	1160	0455	34869	2764			14882												
		STD	1200	0476	3495	2768	0005543	1638	14898												
		OBS	1200	0476	34948	2768			14898												
		STD	1300	0455	3494	2770	0005436	1693	14906												
		OBS	1300	0455	34938	2770			14906												
		STD	1400	0449	3494	2770	0005466	1748	14920												
		OBS	1400	0449	34937	2770			14920												
		STD	1500	0433	3493	2772	0005395	1802	14930												
		OBS	1500	0433	34931	2772			14930												

TABLE I. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17-22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006. —Continued

REFERENCE		SHIP	LATITUDE	LONGITUDE	WASDEN	STATION TIME	YEAR	ORIGINATOR'S	DEPTH	MAX	WAVE	WIND	CLOUD	NODC					
CRS	ID.	CODE	'	'	10'	MO	DAY	CRUISE	TO	DEPTH	NO.	DIR	NO.	STATION					
CODE	NO.							NO.	BOTTOM	OF	OBS.	NO.	CODE	NUMBER					
318006	EV		3859 N	063245W	115	01	18	233	1967	A52	009	4938	33	3	2	X2	0	3	0009
WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND	
DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
07	50	32	515	281	111	078	6	28											
MESSAGE	CAS	CARD	DEPTH	T	S	SIGMA-T	SPECIFIC VOLUME	SOUND	PO4-P	TOTAL-P	NO3-N	NO3-N	SI4-S	PH	COND				
NO.	NO.	NO.	(M)	(°C)	(‰)	(kg/m ³)	(ANOMALY-TEMP)	VELOCITY	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)		(σ _t)				
		ST0	0000	2050	3636	2568	0023185	0000							15251				
	233	0B5	0000	2050	36359	2568									15251				
		ST0	0010	2049	3636	2569	0023178	0023							15252				
		0B5	0010	2049	36361	2569									15252				
		ST0	0020	2049	3639	2571	0022979	0046							15254				
	004	0B5	0020	2049	36394	2571									15254				
		ST0	0030	2017	3640	2580	0022146	0068							15247				
		0B5	0030	2017	36402	2580									15247				
		ST0	0050	1983	3640	2589	0021348	0112							15241				
		0B5	0050	1983	36403	2589									15241				
		ST0	0075	1983	3641	2590	0021422	0165							15245				
		0B5	0075	1983	36406	2590									15245				
		ST0	0100	1983	3641	2590	0021495	0219							15250				
		0B5	0100	1983	36409	2590									15250				
		ST0	0125	1983	3643	2592	0021415	0273							15254				
		0B5	0125	1983	36432	2592									15254				
		ST0	0150	1976	3655	2602	0020483	0325							15258				
		0B5	0150	1976	36549	2602									15258				
		ST0	0200	1911	3655	2619	0019040	0424							15248				
		0B5	0200	1911	36550	2619									15248				
		ST0	0250	1830	3650	2637	0017567	0515							15233				
		0B5	0250	1830	36504	2637									15233				
		ST0	0300	1807	3648	2641	0017343	0603							15234				
		0B5	0300	1807	36483	2641									15234				
		ST0	0400	1721	3633	2650	0016745	0773							15223				
		0B5	0400	1721	36330	2650									15223				
		ST0	0500	1536	3591	2661	0015934	0936							15178				
		0B5	0500	1536	35906	2661									15178				
		ST0	0600	1233	3547	2691	0013085	1082							15090				
		0B5	0600	1233	35472	2691									15090				
		ST0	0700	0948	3506	2711	0011127	1403							15001				
		0B5	0700	0948	35059	2711									15001				
		ST0	0800	0743	3489	2729	0009250	1304							14937				
		0B5	0800	0743	34889	2729									14937				
		ST0	0830	0577	34749	2740									14875				
		0B5	0830	0577	34749	2740									14875				
		ST0	0850	0611	34809	2741									14893				
		0B5	0850	0611	34809	2741									14893				
		ST0	0900	0559	34799	2747									14875				
		0B5	0900	0559	34799	2747									14875				
		ST0	0900	0599	3491	2750	0007162	1387							14898				
		0B5	0900	0599	34907	2750									14898				
		ST0	0985	0515	34878	2758									14877				
		0B5	0985	0515	34878	2758									14877				
		ST0	1000	0539	3496	2762	0006103	1453							14891				
		0B5	1000	0539	34956	2762									14891				
		ST0	1100	0494	3490	2763	0005995	1513							14888				
		0B5	1100	0494	34904	2763									14888				
		ST0	1200	0465	3495	2769	0005407	1570							14894				
		0B5	1200	0465	34946	2769									14894				
		ST0	1300	0449	3495	2771	0005295	1624							14904				
		0B5	1300	0449	34947	2771									14904				
		ST0	1400	0432	3494	2772	0005234	1676							14913				
		0B5	1400	0432	34938	2772									14913				
		ST0	1500	0422	3494	2774	0005189	1729							14926				
		0B5	1500	0422	34938	2774									14926				

TABLE 1. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17-22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

REFERENCE CTD CODE	SHIP ID. NO.	SHIP CODE	LATITUDE ° ' / 10	LONGITUDE ° ' / 10	WABSON SQUARE		STATION TIME ICAT				YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLE'S	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES TWT A-CY	NODC STATION NUMBER	
					10'	1'	MO	DAY	HR.	1/10		CRUISE NO.	STATION NUMBER			DIR.	HGT	PER				SEA
310006	EV		3056 N	06258 W	115	02	01	19	035	1967	A52	010	3564			32	4	2	X2	0	3	0010
					WATER		WIND		BARO-		AIR TEMP °C		VIS		SPECIAL							
					COLOR	TRANSP	DIR.	SPEED	OR	FORCE	METER	DRY	WET	CODE	NO.	DEP.	OBSER-					
					01	50	31	530	318	117	083	7	21									
MISSING TIME HR 1/10	CAST NO.	CARD TYPE	DEPTH m	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME AND MALT-103	Σ Δ D DTN, M x 10 ³	SOUND VELOCITY	D ₂ ml/l	PO ₄ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₃ -N μg - ml/l	NO ₂ -N μg - ml/l	SiO ₄ -Si μg - ml/l	pH	S C	C				
	037	STD	0000	2229	3635	2518	0027929	0000	15297													
		085	0000	2229	36354	2518			15297													
		STD	0010	2229	3635	2518	0027968	0027	15299													
		085	0010	2229	36354	2518			15299													
		STD	0020	2230	3635	2518	0028034	0055	15301													
	003	085	0020	2230	36354	2518			15301													
		STD	0030	2230	3635	2518	0028073	0084	15303													
		085	0030	2230	36354	2518			15303													
		STD	0050	2230	3638	2520	0027969	0140	15306													
		085	0050	2230	36379	2520			15306													
		STD	0075	2202	3648	2535	0026596	0208	15304													
		085	0075	2202	36479	2535			15304													
		STD	0100	2010	3636	2579	0022503	0269	15256													
		085	0100	2010	36364	2579			15256													
		STD	0125	1930	3652	2612	0019480	0322	15240													
		085	0125	1930	36516	2612			15240													
		STD	0150	1959	3651	2604	0020308	0371	15252													
		085	0150	1959	36514	2604			15252													
		STD	0200	1842	3649	2633	0017757	0467	15228													
		085	0200	1842	36494	2633			15228													
		STD	0250	1813	3648	2639	0017344	0554	15227													
		085	0250	1813	36478	2639			15227													
		STD	0300	1756	3640	2647	0016753	0640	15218													
		085	0300	1756	36396	2647			15218													
		STD	0400	1613	3611	2659	0015887	0803	15188													
		085	0400	1613	36106	2659			15188													
		STD	0500	1319	3560	2683	0013616	0950	15104													
		085	0500	1319	35597	2683			15104													
		STD	0600	0999	3496	2694	0012524	1081	15001													
		085	0600	0999	34959	2694			15001													
		STD	0700	0631	3495	2750	0006988	1179	14878													
		085	0700	0631	34954	2750			14878													
		STD	0800	0542	3484	2752	0006728	1247	14857													
		085	0800	0542	34844	2752			14857													
		STD	0900	0515	3489	2759	0006118	1311	14863													
		085	0900	0515	34894	2759			14863													
		STD	1000	0499	3494	2765	0005656	1370	14874													
		085	1000	0499	34944	2765			14874													
		STD	1100	0463	3493	2769	0005367	1425	14876													
		085	1100	0463	34934	2769			14876													
		STD	1200	0449	3494	2771	0005247	1478	14887													
		085	1200	0449	34939	2771			14887													

TABLE 1. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17-22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

REFERENCE CTRY CODE	SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	MARSDEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEA- THRE CODE	CLOUD CODE	NODC STATION NUMBER																													
					10'	1"	MO DAY HR 1/10		CRUISE NO.	STATION NUMBER			DR	HGT	PER				SEA																												
318006	EV	3811 N	06231 W	115 82	01 19	067	1967	A52	011	4992			29	3	2	X6	0	3	0011																												
<table border="1"> <thead> <tr> <th colspan="2">WATER</th> <th colspan="2">WIND</th> <th colspan="2">BARO.</th> <th colspan="2">AIR TEMP °C</th> <th rowspan="2">VIS CODE</th> <th rowspan="2">NO. OBS. DEPTHS</th> <th rowspan="2">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>COLOR CODE</th> <th>TRANL (m)</th> <th>DIR</th> <th>SPEED OR FORCE</th> <th>METER (mb)</th> <th>DRY BULB</th> <th>WET BULB</th> </tr> </thead> <tbody> <tr> <td>01</td> <td>50</td> <td>32</td> <td>512</td> <td>328</td> <td>106</td> <td>083</td> <td>6</td> <td>24</td> <td></td> <td></td> </tr> </tbody> </table>																			WATER		WIND		BARO.		AIR TEMP °C		VIS CODE	NO. OBS. DEPTHS	SPECIAL OBSERVATIONS	COLOR CODE	TRANL (m)	DIR	SPEED OR FORCE	METER (mb)	DRY BULB	WET BULB	01	50	32	512	328	106	083	6	24		
WATER		WIND		BARO.		AIR TEMP °C		VIS CODE	NO. OBS. DEPTHS	SPECIAL OBSERVATIONS																																					
COLOR CODE	TRANL (m)	DIR	SPEED OR FORCE	METER (mb)	DRY BULB	WET BULB																																									
01	50	32	512	328	106	083	6	24																																							
MISSING THR HR 1/10	CASIT NO.	CARGO TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME AND MALT-EST	S.D. DTN. M. x 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P µg + ml/l	TOTAL-P µg + ml/l	NO ₂ -N µg + ml/l	NO ₃ -N µg + ml/l	SiO ₂ -S µg + ml/l	pH	σ _t																														
		STD	0000	2257	3636	2511	0028655	0000	15304																																						
		OBS	0000	2257	36359	2511			15304																																						
		STD	0010	2257	3636	2511	0028694	0028	15306																																						
		OBS	0010	2257	36359	2511			15306																																						
		STD	0020	2258	3636	2510	0028760	0057	15308																																						
		OBS	0020	2258	36359	2510			15308																																						
		STD	0030	2259	3636	2510	0028827	0086	15310																																						
		OBS	0030	2259	36359	2510			15310																																						
		STD	0050	2259	3636	2510	0028905	0143	15313																																						
		OBS	0050	2259	36359	2510			15313																																						
		STD	0075	2259	3636	2511	0028966	0216	15317																																						
		OBS	0075	2259	36364	2511			15317																																						
		STD	0100	2259	3636	2511	0029064	0288	15322																																						
		OBS	0100	2259	36364	2511			15322																																						
		STD	0125	2259	3642	2514	0028790	0361	15326																																						
		OBS	0125	2259	36416	2514			15326																																						
		STD	0150	2230	3644	2524	0027931	0432	15323																																						
		OBS	0150	2230	36439	2524			15323																																						
		STD	0200	2081	3653	2573	0023503	0560	15294																																						
		OBS	0200	2081	36529	2573			15294																																						
		STD	0250	1980	3653	2600	0021083	0672	15275																																						
		OBS	0250	1980	36531	2600			15275																																						
		STD	0300	1837	3638	2625	0018816	0771	15241																																						
		OBS	0300	1837	36379	2625			15241																																						
		STD	0400	1738	3632	2646	0017186	0951	15228																																						
		OBS	0400	1738	36324	2646			15228																																						
		STD	0500	1570	3600	2661	0015979	1117	15190																																						
		OBS	0500	1570	36004	2661			15190																																						
		STD	0600	1280	3546	2681	0014103	1268	15106																																						
		OBS	0600	1280	35459	2681			15106																																						
		STD	0700	0978	3512	2711	0011160	1394	15012																																						
		OBS	0700	0978	35124	2711			15012																																						
		STD	0800	0743	3500	2738	0008440	1492	14939																																						
		OBS	0800	0743	34999	2738			14939																																						
		STD	0900	0583	3495	2756	0006632	1567	14892																																						
		OBS	0900	0583	34949	2756			14892																																						
		STD	1000	0529	3496	2763	0005912	1630	14887																																						
		OBS	1000	0529	34964	2763			14887																																						
		STD	1100	0495	3495	2766	0005679	1688	14889																																						
		OBS	1100	0495	34949	2766			14889																																						
		STD	1200	0458	3494	2770	0005369	1743	14891																																						
		OBS	1200	0458	34939	2770			14891																																						
		STD	1300	0441	3493	2771	0005279	1796	14900																																						
		OBS	1300	0441	34934	2771			14900																																						
		STD	1400	0423	3493	2773	0005143	1849	14909																																						
		OBS	1400	0423	34934	2773			14909																																						
		STD	1500	0412	3493	2774	0005128	1900	14922																																						
		OBS	1500	0412	34929	2774			14922																																						

TABLE I. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17-22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

REFERENCE CITE NO.	SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	W MO NO	MARSDEN SQUARE		STATION TIME (GMT)		YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPL'S	WAVE OBSERVATIONS			WEA- THIR CODE	CLOUD CODES (% H, % L, % U)	NODC STATION NUMBER		
					10'	1'	MO	DAY		HR 1/10	CRUISE NO.			STATION NUMBER	DIR	HGT				PER	SEA
318006	EV	3742 N	062215W	115	72	01	19	102	1967	A52	012	4975			29	3	2	X2	0	3	0012
				WATER		WIND		BARO- METER		AIR TEMP °C		VIS		NO. OBS. DEPTH'S		SPECIAL OBSERVATIONS					
				COLOR CODE		DIRECTION		SPEED OF FORCE		DRY BULB		WET BULB									
				DT		SO		33		S16		328		117		100		6		24	
MESSING TIME HR 1/10	CASE NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY-σ _t	S Δ D CM x 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₂ -N μg - ml	NO ₃ -N μg - ml	SIO ₄ -S μg - ml	pH	N C				
102		STD	0000	2246	3638	2515	0028210	0000	15302												
		OBS	0000	2246	36379	2515			15302												
		STD	0010	2245	3638	2516	0028222	0028	15303												
		OBS	0010	2245	36379	2516			15303												
		STD	0020	2246	3638	2515	0028288	0056	15305												
004		OBS	0020	2246	36379	2515			15305												
		STD	0030	2247	3638	2515	0028355	0084	15307												
		OBS	0030	2247	36379	2515			15307												
		STD	0050	2249	3638	2515	0028487	0141	15311												
		OBS	0050	2249	36379	2515			15311												
		STD	0075	2248	3638	2515	0028557	0212	15315												
		OBS	0075	2248	36379	2515			15315												
		STD	0100	2249	3638	2515	0028682	0284	15319												
		OBS	0100	2249	36379	2515			15319												
		STD	0125	2205	3660	2544	0026002	0352	15315												
		OBS	0125	2205	36599	2544			15315												
		STD	0150	2141	3657	2559	0024603	0416	15302												
		OBS	0150	2141	36569	2559			15302												
		STD	0200	2061	3662	2585	0022341	0533	15290												
		OBS	0200	2061	36619	2585			15290												
		STD	0250	1920	3654	2616	0019520	0638	15258												
		OBS	0250	1920	36539	2616			15258												
		STD	0300	1868	3649	2626	0018739	0733	15251												
		OBS	0300	1868	36494	2626			15251												
		STD	0400	1804	3643	2638	0017963	0517	15249												
		OBS	0400	1804	36434	2638			15249												
		STD	0500	1740	3632	2645	0017600	1093	15245												
		OBS	0500	1740	36319	2645			15245												
		STD	0600	1640	3611	2652	0017112	1268	15229												
		OBS	0600	1640	36109	2652			15229												
		STD	0700	1442	3577	2671	0015468	1431	15180												
		OBS	0700	1442	35769	2671			15180												
		STD	0800	1200	3536	2689	0013755	1577	15111												
		OBS	0800	1200	35359	2689			15111												
		STD	0900	0956	3508	2711	0011480	1703	15037												
		OBS	0900	0956	35084	2711			15037												
		STD	1000	0746	3497	2735	0009037	1806	14973												
		OBS	1000	0746	34969	2735			14973												
		STD	1100	0579	3492	2754	0007015	1886	14923												
		OBS	1100	0579	34924	2754			14923												
		STD	1200	0522	3493	2761	0006307	1953	14917												
		OBS	1200	0522	34929	2761			14917												
		STD	1300	0489	3493	2765	0005962	2014	14920												
		OBS	1300	0489	34929	2765			14920												
		STD	1400	0459	3494	2769	0005604	2072	14924												
		OBS	1400	0459	34937	2769			14924												
		STD	1500	0449	3494	2771	0005548	2128	14937												
		OBS	1500	0449	34939	2771			14937												

TABLE 1. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17-22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

REFERENCE		SHIP CODE	LATITUDE T/10	LONGITUDE T/10	MARSDEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEATHER CODE	CLOUD CODE	NODC STATION NUMBER	
CRUISE NO.	STATION NUMBER					MO	DAY	HR./10		CRUISE NO.	STATION NUMBER			SW	HGT	DIR				
318006	EV		3717 N	06202 W	115 72	01	19	135	1967	A52	013	5120		35	6	2	X6	0	3	0013
WATER		WIND		BARO. METER		AIR TEMP °C		VIS CODE	NO. OBS DEPTHS	SPECIAL OBSERVATIONS										
COLOR CODE	TRANS (m)	DIR	SPEED OF FORCE	DRY	WET	DRY	WET													
DT	SO	05	520	362	117	100	7	29												
MESSING NO HR T/10	CAST NO	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME KNOWALD-810°	Z Δ D DYN M x 10 ³	SOUND VELOCITY	O ₂ (ml/l)	PO ₂ -F μg - ml/l	TOTAL-P μg - ml/l	NO ₂ -N μg - ml/l	NO ₃ -N μg - ml/l	SiO ₄ -S μg - ml/l	pH	σ _t °C			
	135	ST0	0000	1942	3648	2606	0019570	0000	15223											
		OBS	0000	1942	36483	2606			15223											
		ST0	0010	1942	3648	2606	0019606	0019	15224											
		OBS	0010	1942	36483	2606			15224											
		ST0	0020	1942	3648	2606	0019643	0039	15226											
	002	OBS	0020	1942	36483	2606			15226											
		ST0	0030	1941	3648	2607	0019652	0058	15227											
		OBS	0030	1941	36483	2607			15227											
		ST0	0050	1941	3648	2607	0019725	0098	15231											
		OBS	0050	1941	36483	2607			15231											
		ST0	0075	1941	3648	2607	0019816	0147	15235											
		OBS	0075	1941	36483	2607			15235											
		ST0	0100	1941	3648	2607	0019906	0197	15239											
		OBS	0100	1941	36483	2607			15239											
		ST0	0125	1941	3648	2607	0019997	0247	15243											
		OBS	0125	1941	36483	2607			15243											
		ST0	0150	1941	3648	2607	0020087	0297	15247											
		OBS	0150	1941	36483	2607			15247											
		ST0	0200	1891	3651	2621	0018863	0394	15242											
		OBS	0200	1891	36506	2621			15242											
		ST0	0250	1833	3648	2634	0017829	0486	15233											
		OBS	0250	1833	36478	2634			15233											
		ST0	0300	1818	3646	2636	0017771	0575	15237											
		OBS	0300	1818	36460	2636			15237											
		ST0	0400	1762	3638	2644	0017363	0751	15236											
		OBS	0400	1762	36378	2644			15236											
		ST0	0500	1691	3620	2647	0017312	0924	15229											
		OBS	0500	1691	36200	2647			15229											
		ST0	0600	1569	3599	2660	0016365	1092	15206											
		OBS	0600	1569	35989	2660			15206											
		ST0	0700	1379	3566	2676	0014938	1249	15158											
		OBS	0700	1379	35659	2676			15158											
		ST0	0800	1117	3526	2696	0012901	1388	15081											
		OBS	0800	1117	35259	2696			15081											
		ST0	0900	0882	3503	2719	0010616	1506	15009											
		OBS	0900	0882	35030	2719			15009											
		ST0	1000	0687	3491	2739	0008528	1601	14949											
		OBS	1000	0687	34914	2739			14949											
		ST0	1100	0558	3492	2756	0006768	1678	14914											
		OBS	1100	0558	34918	2756			14914											
		ST0	1200	0502	3493	2764	0006049	1742	14908											
		OBS	1200	0502	34927	2764			14908											
		ST0	1300	0476	3493	2767	0005791	1801	14915											
		OBS	1300	0476	34928	2767			14915											
		ST0	1400	0454	3493	2769	0005605	1858	14922											
		OBS	1400	0454	34927	2769			14922											
		ST0	1500	0438	3493	2771	0005483	1914	14932											
		OBS	1500	0438	34928	2771			14932											
	149	OBS	T1740	0403	34963	2778			14959	608										
		ST0	1750	0402	3496	2778	0004966	2044	14960	608										
		ST0	2000	0387	3497	2780	0004921	2168	14996	615										
	149	OBS	2316	0366	34972	2782			15041	618										
		ST0	2500	0353	3497	2783	0004829	2412	15067	615										
	149	OBS	2875	0326	34961	2785			15120	612										
		ST0	3000	0315	3496	2786	0004701	2650	15137	614										
	149	OBS	3471	0278	34937	2788			15203	619										
		ST0	4000	0243	3491	2789	0004398	3105	15281	617										
	149	OBS	T4049	0240	34911	2789			15288	616										

TABLE I. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17-22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

REFERENCE SHIP CODE	SHIP ID. NO.	SHIP CODE	LATITUDE °	LONGITUDE °	MARSOEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLE	WAVE OBSERVATIONS			WIND CODE	CLOUD CODES	WIND DIRECTION NUMBER		
						CRUISE NO.	STATION NUMBER	MO		DAY	HR			MIN	DIR	HGT				PER	STA
318006	EV		3654 N	06144 W	115	61	01	19	1967	A52	014	4992		33	5	2	X6	0	3	0014	
						WATER		WIND		BARO-		AIR TEMP °C		VIS		NO.		SPECIAL			
						COLOR		DIR		METER		DRY		COOK		OBS.		OBSERVATIONS			
						DT		SD		06		S19		335		111		100		7	
						06		S19		335		111		100		7		28			
MESSING TIME HR	TIME 1/10	CART NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY- σ_t	S.S.D DIN. M & 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₂ -P μg-at/l	TOTAL-P μg-at/l	NO ₂ -N μg-at/l	NO ₃ -N μg-at/l	Si μg-at/l	PM	CO ₂			
192			STD	0000	1915	3622	2593	0020793	0000	15212											
			OBS	0000	1915	36222	2593			15212											
			STD	0010	1915	3622	2593	0020829	0020	15214											
			OBS	0010	1915	36222	2593			15214											
			STD	0020	1915	3622	2593	0020865	0041	15216											
005			OBS	0020	1915	36222	2593			15216											
			STD	0030	1915	3622	2593	0020901	0062	15217											
			OBS	0030	1915	36222	2593			15217											
			STD	0050	1915	3622	2593	0020972	0104	15220											
			OBS	0050	1915	36222	2593			15220											
			STD	0075	1915	3622	2593	0021062	0157	15225											
			OBS	0075	1915	36222	2593			15225											
			STD	0100	1915	3626	2596	0020861	0209	15229											
			OBS	0100	1915	36262	2596			15229											
			STD	0125	1923	3634	2601	0020554	0261	15236											
			OBS	0125	1923	36344	2601			15236											
			STD	0150	1932	3640	2602	0020492	0312	15244											
			OBS	0150	1932	36396	2602			15244											
			STD	0200	1951	3647	2603	0020631	0415	15258											
			OBS	0200	1951	36467	2603			15258											
			STD	0250	1710	3606	2632	0017919	0511	15192											
			OBS	0250	1710	36064	2632			15192											
			STD	0300	1540	3584	2655	0015896	0596	15146											
			OBS	0300	1540	35839	2655			15146											
			OBS	0330	1471	35806	2667			15129											
			OBS	0340	1489	35910	2671			15137											
			STD	0400	1354	3566	2681	0013595	0743	15100											
			OBS	0400	1354	35659	2681			15100											
			OBS	0440	1228	35447	2690			15062											
			OBS	0460	1249	35556	2694			15074											
			STD	0500	1179	3539	2695	0012405	0873	15054											
			OBS	0500	1179	35389	2695			15054											
			STD	0600	1027	3515	2704	0011582	0993	15014											
			OBS	0600	1027	35154	2704			15014											
			STD	0700	0813	3502	2729	0009174	1097	14950											
			OBS	0700	0813	35024	2729			14950											
			STD	0800	0675	3497	2745	0007653	1181	14912											
			OBS	0800	0675	34969	2745			14912											
			STD	0900	0570	3493	2756	0006596	1252	14886											
			OBS	0900	0570	34929	2756			14886											
			STD	1000	0505	3493	2764	0005812	1314	14876											
			OBS	1000	0505	34934	2764			14876											
			STD	1100	0481	3494	2767	0005564	1371	14883											
			OBS	1100	0481	34939	2767			14883											
			STD	1200	0456	3493	2769	0005381	1426	14890											
			OBS	1200	0456	34934	2769			14890											
			STD	1300	0442	3493	2771	0005309	1479	14901											
			OBS	1300	0442	34932	2771			14901											
			STD	1400	0429	3493	2772	0005259	1532	14912											
			OBS	1400	0429	34929	2772			14912											
			STD	1500	0420	3493	2773	0005244	1585	14925											
			OBS	1500	0420	34927	2773			14925											

TABLE I. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17-22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

REFERENCE CIP CODE	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	MARSDEN SQUARE				STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH ID BOTTOM	MAX. DEPTH OF SAMPL'G	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER
				10'	1"	MO	DAY	HR	MIN	CRUISE NO.		STATION NUMBER	DR			HGT	PER	SEA			
318006	EV	3626 N	06114 W	115	61	01	19	226	1967	A52	015	4938	06	5	2	X6	013	0015			
				WATER		WIND		BARO- METER		AIR TEMP. °C		VIS. CODE	NO. OBS. DEPTHS	SPECIAL OBSERVATIONS							
COLOR CODE		TEMP. (°C)	DIR.	SPEED OR FORCE	UNK#1	DRY RULE	WET RULE														
OT		SO	09	521	328	111	106	6	24												
MESSAGE TIME HR 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-80P	S.D. D.T.M. x 10 ²	SOUND VELOCITY	O ₂ ml/l	PO ₂ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₂ -N μg - ml/l	NO ₃ -N μg - ml/l	SiO ₄ -S μg - ml/l	pH	SEC				
226		STO	0000	1912	3615	2589	0021246	0000	15211												
		OBS	0000	1912	36149	2589			15211												
		STO	0010	1912	3615	2589	0021282	0021	15212												
		OBS	0010	1912	36149	2589			15212												
		STO	0020	1912	3615	2589	0021317	0042	15214												
		OBS	0020	1912	36149	2589			15214												
		STO	0030	1912	3615	2589	0021353	0063	15215												
		OBS	0030	1912	36149	2589			15215												
		STO	0050	1912	3615	2589	0021425	0106	15219												
		OBS	0050	1912	36149	2589			15219												
		STO	0075	1912	3615	2589	0021478	0160	15223												
		OBS	0075	1912	36154	2589			15223												
		STO	0100	1912	3615	2589	0021567	0214	15227												
		OBS	0100	1912	36154	2589			15227												
		STO	0125	1912	3615	2589	0021692	0268	15231												
		OBS	0125	1912	36149	2589			15231												
		STO	0150	1906	3615	2590	0021634	0322	15233												
		OBS	0150	1906	36149	2590			15233												
		STO	0200	1654	3595	2637	0017313	0419	15166												
		OBS	0200	1654	35949	2637			15166												
		STO	0250	1492	3570	2655	0015705	0502	15121												
		OBS	0250	1492	35703	2655			15121												
		STO	0300	1369	3561	2674	0014000	0576	15088												
		OBS	0300	1369	35607	2674			15088												
		STO	0400	1183	3536	2692	0012412	0708	15039												
		OBS	0400	1183	35364	2692			15039												
		STO	0500	0998	3516	2710	0010833	0824	14987												
		OBS	0500	0998	35159	2710			14987												
		STO	0600	0807	3499	2727	0009158	0924	14930												
		OBS	0600	0807	34989	2727			14930												
		STO	0700	0655	3495	2746	0007364	1007	14887												
		OBS	0700	0655	34949	2746			14887												
		STO	0800	0568	3492	2755	0006482	1076	14869												
		OBS	0800	0568	34924	2755			14869												
		STO	0900	0513	3493	2763	0005794	1138	14863												
		OBS	0900	0513	34934	2763			14863												
		STO	1000	0484	3494	2767	0005506	1194	14868												
		OBS	1000	0484	34937	2767			14868												
		STO	1100	0457	3494	2770	0005254	1248	14873												
		OBS	1100	0457	34939	2770			14873												
		STO	1200	0439	3493	2771	0005157	1300	14883												
		OBS	1200	0439	34934	2771			14883												
		STO	1300	0429	3493	2772	0005172	1352	14895												
		OBS	1300	0429	34927	2772			14895												
		STO	1400	0417	3493	2773	0005114	1403	14907												
		OBS	1400	0417	34927	2773			14907												
		STO	1500	0407	3492	2774	0005093	1454	14920												
		OBS	1500	0407	34924	2774			14920												

TABLE I. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17-22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

REFERENCE FORM CODE	SHIP ID NO.	SHIP CODE	LATITUDE 1°/10	LONGITUDE °/10	MARSDEN SQUARE 10°/10	STATION TIME SIGMA-T			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	WAVE DEPTH DI SAMPLES	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES		NODC STATION NUMBER																								
						MO	DAY	HR./10		CRUISE NO.	STATION NUMBER			DIR	HGT	PER		SEA	TRN		AUT																							
318006	EV		3609 N	06102 W	115	61	01	20	027	1967	A52	016	4938		12	5	2		x 2	0 3	0016																							
<table border="1"> <thead> <tr> <th colspan="2">WATER</th> <th colspan="2">WIND</th> <th rowspan="2">BARO- METER (mb)</th> <th colspan="2">AIR TEMP °C</th> <th rowspan="2">NO. OBS DEPTH</th> <th rowspan="2">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>COLOR CODE</th> <th>TRANS- PARENCY</th> <th>DIR</th> <th>SPEED OF DIRCT</th> <th>DRY BULB</th> <th>WET BULB</th> </tr> </thead> <tbody> <tr> <td>DT</td> <td>SD</td> <td>14</td> <td>S22</td> <td>301</td> <td>10.7</td> <td>10.0</td> <td>6</td> <td>24</td> </tr> </tbody> </table>																					WATER		WIND		BARO- METER (mb)	AIR TEMP °C		NO. OBS DEPTH	SPECIAL OBSERVATIONS	COLOR CODE	TRANS- PARENCY	DIR	SPEED OF DIRCT	DRY BULB	WET BULB	DT	SD	14	S22	301	10.7	10.0	6	24
WATER		WIND		BARO- METER (mb)	AIR TEMP °C		NO. OBS DEPTH	SPECIAL OBSERVATIONS																																				
COLOR CODE	TRANS- PARENCY	DIR	SPEED OF DIRCT		DRY BULB	WET BULB																																						
DT	SD	14	S22	301	10.7	10.0	6	24																																				
MESSAGE TIME HR./10	CAST NO.	CAST TYPE	DEPTH (M)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-σ _t	Σ Δ D DTN. M X 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - dl ⁻¹	TOTAL-P μg - dl ⁻¹	NO ₃ -N μg - dl ⁻¹	NO ₂ -N μg - dl ⁻¹	SiO ₄ -Si μg - dl ⁻¹	pH																												
	028	STO	0000	1980	3641	2591	0021065	0000	15232																																			
		OBS	0000	1980	36407	2591			15232																																			
		STO	0010	1980	3640	2590	0021111	0021	15234																																			
		OBS	0010	1980	36405	2590			15234																																			
		STO	0020	1980	3640	2590	0021147	0042	15236																																			
	003	OBS	0020	1980	36405	2590			15236																																			
		STO	0030	1980	3640	2590	0021184	0063	15237																																			
		OBS	0030	1980	36405	2590			15237																																			
		STO	0050	1980	3640	2590	0021266	0105	15241																																			
		OBS	0050	1980	36404	2590			15241																																			
		STO	0075	1982	3641	2590	0021385	0159	15245																																			
		OBS	0075	1982	36408	2590			15245																																			
		STO	0100	1981	3641	2590	0021440	0212	15244																																			
		OBS	0100	1981	36409	2590			15249																																			
		STO	0125	1961	3641	2596	0021531	0265	15248																																			
		OBS	0125	1961	36409	2596			15248																																			
		STO	0150	1960	3653	2605	0020191	0217	15253																																			
		OBS	0150	1960	36534	2605			15253																																			
		STO	0200	1872	3650	2626	0018452	0413	15236																																			
		OBS	0200	1872	36499	2626			15236																																			
		STO	0250	1818	3646	2636	0017590	0504	15229																																			
		OBS	0250	1818	36461	2636			15229																																			
		STO	0300	1798	3646	2641	0017276	0591	15231																																			
		OBS	0300	1798	36462	2641			15231																																			
		STO	0400	1738	3636	2648	0016453	0762	15229																																			
		OBS	0400	1738	36357	2648			15229																																			
		STO	0500	1561	3595	2659	0016133	0927	15187																																			
		OBS	0500	1561	35954	2659			15187																																			
		STO	0600	1348	3563	2680	0014137	1079	15131																																			
		OBS	0600	1348	35629	2680			15131																																			
		STO	0700	1095	3526	2701	0012230	1411	15056																																			
		OBS	0700	1095	35264	2701			15056																																			
		STO	0800	0840	3502	2725	0009815	1322	14976																																			
		OBS	0800	0840	35019	2725			14976																																			
		STO	0900	0650	3495	2747	0007540	1408	14918																																			
		OBS	0900	0650	34954	2747			14918																																			
		STO	1000	0553	3496	2760	0006286	1478	14896																																			
		OBS	1000	0553	34957	2760			14896																																			
		STO	1100	0497	3495	2766	0005684	1537	14890																																			
		OBS	1100	0497	34952	2766			14890																																			
		STO	1200	0478	3494	2768	0005620	1594	14894																																			
		OBS	1200	0478	34941	2768			14894																																			
		STO	1300	0455	3494	2770	0005492	1649	14906																																			
		OBS	1300	0455	34944	2770			14906																																			
		STO	1400	0440	3494	2772	0005413	1703	14917																																			
		OBS	1400	0440	34941	2772			14917																																			
		STO	1500	0425	3494	2772	0005314	1756	14927																																			
		OBS	1500	0425	34927	2772			14927																																			

TABLE I. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17-22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

REFERENCE CRUISE CODE	SHIP ID NO.	SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	MARSDEN SQUARE 1/10	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLES	WAVE OBSERVATIONS	WEATHER CODE	CLOUD CODE	NODC STATION NUMBER																																									
						MO	DAY	HR 1/10		CRUISE NO.	STATION NUMBER																																															
318006	EV		3555 N	06044 W	115	50	01	20	075	1967	A52	017	4755	14	2	3	A0	03	0017																																							
<table border="1"> <thead> <tr> <th colspan="4">WATER</th> <th colspan="4">WIND</th> <th colspan="4">AIR TEMP °C</th> <th rowspan="2">NO OBS DEPTH</th> <th rowspan="2">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>COLOR CODE</th> <th>TEMP (°C)</th> <th>DIR</th> <th>SPEED (KTS)</th> <th>WIND DIR</th> <th>WIND SPEED (KTS)</th> <th>WIND DIR</th> <th>WIND SPEED (KTS)</th> <th>WET BULB</th> <th>WET BULB</th> <th>WET BULB</th> <th>WET BULB</th> </tr> </thead> <tbody> <tr> <td>OT</td> <td>SD</td> <td>16</td> <td>S24</td> <td>251</td> <td>189</td> <td>183</td> <td>8</td> <td>24</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>																		WATER				WIND				AIR TEMP °C				NO OBS DEPTH	SPECIAL OBSERVATIONS	COLOR CODE	TEMP (°C)	DIR	SPEED (KTS)	WIND DIR	WIND SPEED (KTS)	WIND DIR	WIND SPEED (KTS)	WET BULB	WET BULB	WET BULB	WET BULB	OT	SD	16	S24	251	189	183	8	24						
WATER				WIND				AIR TEMP °C				NO OBS DEPTH	SPECIAL OBSERVATIONS																																													
COLOR CODE	TEMP (°C)	DIR	SPEED (KTS)	WIND DIR	WIND SPEED (KTS)	WIND DIR	WIND SPEED (KTS)	WET BULB	WET BULB	WET BULB	WET BULB																																															
OT	SD	16	S24	251	189	183	8	24																																																		
MESSINER TIME HR 1/10	CASE NO	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY (δσ _t)	SOUND VELOCITY 10 ³	ST. NO.	ST. NO.	ST. NO.	ST. NO.	ST. NO.	ST. NO.	ST. NO.	ST. NO.	ST. NO.	ST. NO.																																								
		STD	3000	1974	3640	2591	0020983	0000											15231																																							
	076	OBS	0000	1974	36197	2501													15231																																							
		STD	0310	1973	3647	2532	0021002	0021											15232																																							
		OBS	0010	1973	36397	2592													15232																																							
		STD	0020	1973	36399	2591	0021057	0042											15234																																							
	005	OBS	0020	1973	36399	2591													15234																																							
		STD	0030	1973	36399	2591	0021099	0043											15235																																							
		OBS	0030	1973	36399	2591													15235																																							
		STD	0040	1972	3640	2592	0021103	0105											15238																																							
		OBS	0040	1972	36399	2592													15238																																							
		STD	0075	1970	3640	2533	0021149	0158											15242																																							
		OBS	0075	1970	36399	2593													15242																																							
		STD	0100	1960	3639	2595	0021021	0210											15243																																							
		OBS	0100	1960	36394	2595													15243																																							
		STD	0125	1960	3648	2601	0020497	0262											15248																																							
		OBS	0125	1960	36479	2601													15248																																							
		STD	0150	1912	3652	2617	0019105	0312											15240																																							
		OBS	0150	1912	36519	2617													15240																																							
		STD	0200	1848	3650	2632	0017867	0404											15229																																							
		OBS	0200	1848	36493	2632													15229																																							
		STD	0250	1818	3648	2633	0017463	0493											15229																																							
		OBS	0250	1818	36479	2633													15229																																							
		STD	0300	1792	3644	2642	0017255	0579											15229																																							
		OBS	0300	1792	36445	2642													15229																																							
		STD	0400	1734	3632	2647	0017034	0751											15227																																							
		OBS	0400	1734	36324	2647													15227																																							
		STD	0500	1620	3607	2654	0016629	0920											15206																																							
		OBS	0500	1620	36069	2654													15206																																							
		STD	0600	1345	3560	2678	0014395	1375											15130																																							
		OBS	0600	1345	35599	2678													15130																																							
		STD	0700	1057	3525	2706	0011661	1405											15043																																							
		OBS	0700	1057	35247	2706													15043																																							
		STD	0800	0844	3500	2721	0009982	1313											14978																																							
		OBS	0800	0844	35005	2721													14978																																							
		STD	0900	0671	3494	2745	0007813	1401											14927																																							
		OBS	0900	0671	34954	2745													14927																																							
		STD	1000	0586	3502	2761	0006290	1473											14910																																							
		OBS	1000	0586	35019	2761													14910																																							
		STD	1100	0539	3502	2766	0005764	1533											14908																																							
		OBS	1100	0539	35019	2766													14908																																							
		STD	1200	0476	3497	2770	0005384	1589											14898																																							
		OBS	1200	0476	34969	2770													14898																																							
		STD	1300	0445	3494	2771	0005304	1642											14902																																							
		OBS	1300	0445	34937	2771													14902																																							
		STD	1400	0428	3494	2773	0005136	1695											14912																																							
		OBS	1400	0428	34937	2773													14912																																							
		STD	1500	0416	3493	2773	0005177	1747											14923																																							
		OBS	1500	0416	34929	2773													14923																																							

TABLE I. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17-22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

REFERENCE CRUISE CODE	SHIP ID NO.	SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10 W	MARS DEN SQUARE 10'	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH 10' OF BOTTOM	WAVE DEPTH OF SAMPLER	WAVE OBSERVATIONS				WEA- THER CODE	NODC STATION NUMBER				
						MO	DAY	HR:10		CRUISE NO.	STATION NUMBER			DIR	PER	PER	PER						
					WATER		WIND		BARO-		AIR TEMP. °C		NO OBS. DEPTH	SPECIAL OBSERVATIONS									
					COLOR	TRAN- SP.	DIR.	SPEED OF WIND	METER (MEAS)	DRY BULB	WET BULB	VS CODE										WIND DIR	WIND SPEED
					DT	SU	26	526	240	194	109	4										WIND DIR	WIND SPEED
MESSAGE TIME OF HR 1/10	CAS- T NO.	CARD TYPE	DEPTH (M)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY (10 ³)	$\Sigma \Delta D$ DYN CM x 10 ³	SOUND VELOCITY	σ_t	ρ_{σ_t}	TOTAL SALINITY	N^2	$N^2_{\sigma_t}$	σ_{θ}	θ	PH						
	122	STD	0000	1992	3642	2589	0021246	0000	15236														
		OBS	0000	1992	36424	2589			15236														
		STD	0010	1992	3642	2589	0021283	0021	15237														
		OBS	0010	1992	36424	2589			15237														
	003	STD	0020	1992	3642	2589	0021300	0042	15239														
		OBS	0020	1992	36424	2589			15239														
		STD	0030	1992	3642	2588	0021493	0053	15241														
		OBS	0030	1992	36418	2588			15241														
		STD	0040	1992	3642	2588	0021466	0106	15244														
		OBS	0040	1992	36419	2588			15244														
		STD	0050	1992	3642	2588	0021558	0160	15248														
		OBS	0050	1992	36419	2588			15248														
		STD	0100	1992	3642	2588	0021622	0214	15252														
		OBS	0100	1992	36421	2588			15252														
		STD	0125	1992	3642	2589	0021691	0268	15256														
		OBS	0125	1992	36424	2589			15256														
		STD	0150	1981	3652	2594	0020800	0321	15258														
		OBS	0150	1980	36519	2590			15258														
		STD	0200	1865	3649	2627	0018332	0419	15234														
		OBS	0200	1865	36492	2627			15234														
		STD	0250	1813	3642	2638	0017451	0509	15227														
		OBS	0250	1813	36464	2638			15227														
		STD	0300	1790	3643	2641	0017327	0592	15228														
		OBS	0300	1790	36429	2641			15228														
		STD	0400	1738	3633	2646	0017150	0766	15228														
		OBS	0400	1738	36329	2646			15228														
		STD	0500	1623	3604	2651	0016873	0938	15207														
		OBS	0500	1623	36044	2651			15207														
		STD	0600	1397	3560	2676	0014658	1096	15134														
		OBS	0600	1397	35596	2676			15134														
		STD	0700	1103	3533	2702	0012142	1330	15060														
		OBS	0700	1103	35296	2702			15060														
		STD	0800	0837	3504	2727	0009623	1336	14975														
		OBS	0800	0837	35039	2727			14975														
		STD	0900	0650	3494	2746	0007656	1425	14918														
		OBS	0900	0650	34939	2746			14918														
		OBS	0950	0585	34939	2754			14901														
		OBS	0980	0612	35029	2758			14918														
		STD	1000	0644	3504	2760	0006410	1495	14918														
		OBS	1000	0604	35037	2760			14918														
		STD	1100	0542	3502	2765	0005423	1557	14913														
		OBS	1100	0542	35024	2765			14913														
		STD	1200	0408	3500	2769	0005577	1614	14912														
		OBS	1200	0508	35003	2769			14912														
		STD	1300	0487	3498	2770	0005533	1670	14920														
		OBS	1300	0487	34984	2770			14921														
		OBS	1340	0452	34947	2771			14912														
		STD	1400	0441	3495	2773	0005237	1724	14917														
		OBS	1400	0441	34954	2773			14917														
	137	OBS	T1400	0433	34901	2769			14924														
		STD	1500	0446	3496	2773	0005305	1778	14936														
		OBS	1500	0446	34964	2773			14936														
		STD	1700	0401	3492	2777	0005241	1908	14954														
	137	OBS	1915	0371	34914	2777			14983														
		STD	2000	0367	3492	2776	0005030	2037	14967														
	137	OBS	2255	0347	34938	2782			15021														
		STD	2500	0322	3495	2785	0004520	2276	15054														
	137	OBS	T3577	0294	34966	2789			15120														
		STD	3000	0282	3497	2790	0004118	2431	15123														
	137	OBS	3501	0242	34968	2793			15194														
	137	OBS	T3590	0226	35022	2799			15194														

TABLE I. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17-22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

REFERENCE CMT CODE	SHIP ID. NO.	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	SOUNDING DEPTH	MAGNETIC SQUARE		STATION TIME (GMT)			YEAR	ORIGINATOR		DEPTH TO BOTTOM	MAX DEPTH OF SWATH	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES (T, B, C, W)	NODC STATION NUMBER		
						10°	1'	MO	DAY	HR./10		CRUISE NO.	STATION NUMBER			DIR	PERIOD	SEA					
318006	EV		3350 N	06229 W	115	32	01	21	108	1967	A52	020	4334		36	3	2		X1	0	3	0020	
						WATER		WIND		BARO- METER		AIR TEMP		NO. OF DEPTHS	SPECIAL OBSERVATIONS								
						COLOR CODE	TRANS- M.	DIR.	SPEED OF WIND	NO.	METER RANGE	EAST RULE	WEST RULE		VIS CODE								
						DT	SD	07	S16	308	172	144	6	26									
MESSING TIME HR. 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY (σ _t)	Σ Δ D CM x 10 ³	SOUND VELOCITY	D ₂ (m/s)	PO- P (%)	TOTAL-P (%)	NO ₃ -N (%)	NO ₂ -N (%)	SiO ₂ -S (%)	PH	S CODE						
	108	STD	0000	2042	3650	2581	0021962	0000	15250														
		OBS	0000	2042	36500	2581			15250														
		STD	0010	2042	3650	2581	0021999	0022	15252														
		OBS	0010	2042	36500	2581			15252														
		STD	0020	2042	3650	2581	0022037	0044	15254														
	005	OBS	0020	2042	36500	2581			15254														
		STD	0030	2042	3650	2581	0022074	0066	15255														
		OBS	0030	2042	36500	2581			15255														
		STD	0050	2044	3650	2581	0022194	0110	15259														
		OBS	0050	2044	36500	2581			15259														
		STD	0075	2045	3650	2580	0022315	0166	15263														
		OBS	0075	2045	36500	2580			15263														
		STD	0100	2045	3650	2580	0022408	0221	15267														
		OBS	0100	2045	36500	2580			15267														
		STD	0125	2045	3650	2580	0022501	0278	15272														
		OBS	0125	2045	36500	2580			15272														
		STD	0150	2045	3650	2580	0022594	0334	15276														
		OBS	0150	2045	36500	2580			15276														
		STD	0200	2045	3664	2591	0021750	0445	15286														
		OBS	0200	2045	36643	2591			15286														
		STD	0250	1892	3661	2629	0018310	0545	15251														
		OBS	0250	1892	36610	2629			15251														
		STD	0300	1864	3657	2633	0018052	0636	15251														
		OBS	0300	1864	36575	2633			15251														
		STD	0400	1818	3651	2640	0017728	0815	15254														
		OBS	0400	1818	36513	2640			15254														
		STD	0500	1762	3645	2649	0017194	0989	15253														
		OBS	0500	1762	36448	2649			15253														
		STD	0600	1679	3626	2655	0016924	1160	15243														
		OBS	0600	1679	36259	2655			15243														
		STD	0700	1487	3588	2670	0015646	1323	15196														
		OBS	0700	1487	35880	2670			15196														
		STD	0800	1270	3558	2692	0013508	1469	15137														
		OBS	0800	1270	35584	2692			15137														
		STD	0900	0913	3504	2715	0011082	1592	15020														
		OBS	0900	0913	35037	2715			15020														
		STD	0960	0680	34895	2738			14939														
		OBS	0980	0726	35055	2745			14963														
		STD	1000	0675	3502	2749	0007535	1685	14946														
		OBS	1000	0675	35025	2749			14946														
		STD	1100	0577	3502	2762	0006249	1754	14923														
		OBS	1100	0577	35025	2762			14923														
		STD	1200	0510	3502	2770	0005488	1812	14913														
		OBS	1200	0510	35018	2770			14913														
		STD	1300	0480	3501	2773	0005248	1866	14917														
		OBS	1300	0480	35010	2773			14917														
		STD	1400	0463	3502	2776	0005012	1917	14927														
		OBS	1400	0463	35025	2776			14927														
		STD	1500	0432	3502	2779	0004750	1966	14931														
		OBS	1500	0432	35017	2779			14931														

TABLE I. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17-22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

REFERENCE		SHIP CODE	LATITUDE 1°10'	LONGITUDE 1°10'	DATE	STATION TIME (GMT)	YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLES	WAVE OBSERVATIONS	WEATHER CODE	CLOUD CODE	NODC STATION NUMBER	
CRUISE CODE	ID NO.							CRUISE NO.	STATION NUMBER							
318006	EV		3318 N	06332 W	115	33 01 21	172	1967	A52	021	4572	09	3 12	X1	0 3	0021
WATER		WIND		BARO-METER		SPEED OF FORCE		AIR TEMP °C		NO. OF DEPTHS	SPECIAL OBSERVATIONS					
COLOR CODE	TRANS-MIT	DIR.	SPEED (KNOT)	WIND-METER (MMBT)	WIND BULB	WET BULB	VS CODE	NO. OF DEPTHS	SPECIAL OBSERVATIONS							
01	50	10	510	315	200	183	8	24								
MESSAGE TIME HP 1/10	CAST NO	CARD TYPE	DEPTH (M)	T °C	S °C	SIGMA-T	SPECIFIC VOLUME ANOMALY-30°	$\frac{\Delta \sigma}{\sigma}$ (‰)	SOUND VELOCITY	O ₂ (M)	PO ₄ -P (μg - ml)	TOTAL-P (μg - ml)	NO ₂ -N (μg - ml)	NO ₃ -N (μg - ml)	SiO ₄ -Si (μg - ml)	pH
	173	085	0000	2035	3649	2582	0021871	0000	15248							
		STO	0000	2035	36488	2582			15246							
		085	0010	2033	3649	2583	0021836	0021	15249							
		STO	0010	2033	36490	2583			15249							
		085	0020	2033	3649	2583	0021873	0043	15251							
	005	STO	0020	2033	36491	2583			15251							
		085	0030	2033	3649	2583	0021884	0065	15253							
		STO	0030	2033	36494	2583			15253							
		085	0040	2033	36494	2583			15256							
		STO	0050	2033	3650	2583	0021922	0109	15256							
		085	0050	2033	36499	2583			15256							
		STO	0075	2036	3650	2583	0022097	0164	15261							
		085	0075	2036	36499	2583			15261							
		STO	0100	2036	3650	2583	0022190	0219	15265							
		085	0100	2036	36499	2583			15265							
		STO	0125	2036	3650	2583	0022274	0275	15269							
		085	0125	2036	36500	2583			15269							
		STO	0150	2035	3652	2585	0022194	0330	15273							
		085	0150	2035	36520	2585			15273							
		STO	0200	1998	3665	2604	0020500	0437	15273							
		085	0200	1998	36650	2604			15273							
		STO	0250	1895	3661	2628	0018384	0534	15252							
		085	0250	1895	36610	2628			15252							
		STO	0300	1848	3658	2638	0017631	0624	15247							
		085	0300	1848	36580	2638			15247							
		STO	0400	1811	3655	2645	0017256	0799	15252							
		085	0400	1811	36555	2645			15252							
		STO	0500	1752	3643	2651	0017052	0970	15250							
		085	0500	1752	36434	2651			15250							
		STO	0600	1661	3625	2659	0016549	1138	15237							
		085	0600	1661	36253	2659			15237							
		STO	0700	1440	3582	2675	0015073	1297	15180							
		085	0700	1440	35818	2675			15180							
		STO	0800	1100	3534	2706	0012019	1432	15075							
		085	0800	1100	35337	2706			15075							
		STO	0900	0863	3513	2730	0009541	1540	15003							
		085	0900	0863	35133	2730			15003							
		STO	1000	0707	3505	2747	0007853	1627	14959							
		085	1000	0707	35048	2747			14959							
		STO	1100	0575	3502	2762	0006261	1697	14923							
		085	1100	0575	35020	2762			14923							
		STO	1200	0508	3504	2772	0005297	1755	14912							
		085	1200	0508	35040	2772			14912							
		STO	1300	0487	3505	2775	0005084	1807	14921							
		085	1300	0487	35046	2775			14921							
		STO	1400	0467	3505	2778	0004864	1857	14924							
		085	1400	0467	35053	2778			14924							
		STO	1500	0446	3505	2780	0004720	1905	14937							
		085	1500	0446	35047	2780			14937							

TABLE 1. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17-22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

REFERENCE SHIP CODE	SHIP ID NO	LATITUDE ° 10'	LONGITUDE ° 10'	WIND DIRECTION	WIND SPEED	STATION TIME (GMT)	YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	WAVE OBSERVATIONS	SEA SURFACE TEMP	NODC STATION NUMBER			
								CAUSE NO	STATION NUMBER							
318006	EV	32430N	064330W	115	24	01 22 005	1967	A52	022	1646	99	5 2 1	11 8 6	0022		
				WATER	WIND	BARO-	AIR TEMP	WET	WET	NO	SPECIAL					
				COLOR	DIR	METER	DRY	BULB	BULB	DEPTHS	OBSERVATIONS					
				15	12	301	183	161	7	14						
MESSAGE TIME HR 1-10	CASID NO	CARD TYPE	DEPTH (M)	T °C	S ‰	SIGMA-T	SEISMIC VOLUME ANOMALY (M ³)	Δ D DYN. M 10 ³	SOUND VELOCITY	Q2 (M)	PO4-P μg/l	NO3-N μg/l	NO2-N μg/l	NO3-N μg/l	NO2-N μg/l	PH
		STD	0000	1994	3652	2595	0020612	0000	15238	500						
013		OBS	0000	1994	36518	2595			15238	500						
013		OBS	0009	1994	36518	2595			15239	510						
		STD	0010	1994	3652	2595	0020649	0020	15239	510						
		STD	0020	1994	3652	2595	0020704	0041	15241	510						
013		OBS	0020	1994	36516	2595			15241	510						
		STD	0030	1993	3652	2596	0020705	0002	15244	515						
013		OBS	0041	1993	36520	2596			15244	514						
		STD	0050	1993	3652	2596	0020769	0103	15246	513						
013		OBS	0061	1994	36520	2595			15248	512						
		STD	0075	1995	3652	2595	0020907	0155	15250	514						
013		OBS	0083	1995	36516	2595			15251	515						
		STD	0100	1972	3658	2605	0020019	0206	15249	513						
		STD	0125	1932	3662	2619	0018802	0255	15242	511						
013		OBS	0125	1932	36617	2619			15242	511						
		STD	0140	1875	3658	2641	0017770	0331	15230	470						
013		OBS	T0170	1830	36555	2638			15223	457						
		STD	0200	1818	3654	2643	0016821	0387	15221	468						
		STD	0250	1788	3652	2648	0016452	0470	15221	478						
013		OBS	0262	1782	36513	2649			15221	477						
		STD	0300	1772	3649	2650	0016454	0552	15224	475						
013		OBS	0344	1743	36440	2653			15225	467						
		STD	0400		3642					463						
		STD	0500		3631					447						
013		OBS	0543		36220					438						
		STD	0600		3604					417						
		STD	0700		3573					388						
013		OBS	0732	1282	35636	2694			15131	382						
		STD	0800	1090	3540	2713			15073	377						
		STD	0900	0863	3516	2733			15003	371						
013		OBS	0924	0818	35124	2736			14990	369						
		STD	1000	0702	3510	2752			14958	397						
		STD	1100	0509	3507	2762			14937	463						
013		OBS	T1118	0599	35066	2763			14936	478						

TABLE II. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 17-20 November 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8028.

REFERENCE SHIP CODE	SHIP NO.	LATITUDE ° 10'	LONGITUDE ° 10'	DATE MO DAY	TIME HR MIN	YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF S.W.M.S.	WAVE OBSERVATIONS			WIND DIR COD	CLOUD COD	WDC STATION NUMBER																										
							CRUISE NO.	STATION NUMBER			HT	PER	DIR																													
318028	RC	35143N	060192W	11	50	11	17	1967	A53	001	4407		32	6	3	K1	0	3	0019																							
<table border="1"> <thead> <tr> <th colspan="2">WATER</th> <th colspan="2">WIND</th> <th colspan="2">AIR TEMP °C</th> <th rowspan="2">VIS COD</th> <th rowspan="2">NO GIS DEPTHS</th> <th rowspan="2">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>COLOR COD</th> <th>TEMP DIR</th> <th>DIR</th> <th>DIR</th> <th>DIR</th> <th>DIR</th> <th>DRY BULB</th> <th>WET BULB</th> </tr> </thead> <tbody> <tr> <td>DT</td> <td>50</td> <td>34</td> <td>517</td> <td>181</td> <td>157</td> <td>134</td> <td>7</td> <td>39</td> </tr> </tbody> </table>																	WATER		WIND		AIR TEMP °C		VIS COD	NO GIS DEPTHS	SPECIAL OBSERVATIONS	COLOR COD	TEMP DIR	DIR	DIR	DIR	DIR	DRY BULB	WET BULB	DT	50	34	517	181	157	134	7	39
WATER		WIND		AIR TEMP °C		VIS COD	NO GIS DEPTHS	SPECIAL OBSERVATIONS																																		
COLOR COD	TEMP DIR	DIR	DIR	DIR	DIR				DRY BULB	WET BULB																																
DT	50	34	517	181	157	134	7	39																																		
MISSING TIME HR 10'	CASE NO.	CARD TYPE	DEPTH M	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY- σ_t	S D D DYN AN 10 ³	SOUND VELOCITY	D ₂ m/s	PO ₂ -P HR - 10'	TOTAL-P HR - 10'	NO ₃ -N HR - 10'	NO ₂ -N HR - 10'	NO ₃ -N HR - 10'	SIO ₄ -S HR - 10'	PH	S C																								
																			STO																							
		STD	0000	2267	3637	2509	0028864	0000	15307																																	
	076	OBS	0000	2267	36368	2509			15307																																	
		STD	0010	2268	3637	2508	0028903	0028	15309																																	
		OBS	0010	2268	36371	2508			15309																																	
		STD	0020	2268	3637	2508	0028960	0057	15311																																	
	002	OBS	0020	2268	36369	2508			15311																																	
		STD	0040	2269	3637	2508	0029018	0086	15313																																	
		OBS	0040	2269	36370	2508			15313																																	
		STD	0050	2267	3637	2508	0029069	0144	15315																																	
		OBS	0050	2267	36367	2508			15315																																	
		OBS	0069	2264	36375	2510			15318																																	
		STD	0075	2240	3642	2520	0028013	0416	15313																																	
		OBS	0075	2240	36424	2520			15313																																	
		OBS	0080	2129	36435	2552			15286																																	
		STD	0100	2009	3660	2597	0020793	0477	15259																																	
		OBS	0100	2009	36596	2597			15259																																	
		STD	0125	1919	3659	2621	0018646	0326	15238																																	
		OBS	0125	1919	36594	2621			15238																																	
		OBS	0130	1864	36586	2629			15229																																	
		STD	0150	1871	3659	2633	0017606	0371	15229																																	
		OBS	0150	1871	36587	2633			15229																																	
		STD	0200	1827	3654	2640	0017085	0458	15224																																	
		OBS	0200	1827	36537	2640			15224																																	
		STD	0250	1783	3653	2649	0016405	0542	15219																																	
		OBS	0250	1783	36509	2649			15219																																	
		STD	0300	1760	3647	2652	0016277	0624	15220																																	
		OBS	0300	1760	36475	2652			15220																																	
		OBS	0350	1729	36422	2655			15219																																	
		STD	0400	1683	3632	2658	0015948	0785	15212																																	
		OBS	0400	1683	36318	2658			15212																																	
		OBS	0448	1639	36205	2667			15196																																	
		OBS	0448	1511	36023	2675			15167																																	
		STD	0500	1449	3591	2681	0013987	0934	15151																																	
		OBS	0500	1449	35915	2681			15151																																	
		OBS	0520	1406	35855	2685			15140																																	
		STD	0600	1313	3569	2692	0013063	1070	15120																																	
		OBS	0600	1313	35693	2692			15120																																	
		STD	0700	1157	3544	2703	0012115	1196	15080																																	
		OBS	0700	1157	35438	2703			15080																																	
		OBS	0750	1077	35340	2710			15059																																	
		STD	0800	0877	3514	2729	0009511	1304	14992																																	
		OBS	0800	0877	35144	2729			14992																																	
		OBS	0800	0877	3514	2729			14992																																	
		OBS	0818	0811	35056	2732			14969																																	
		OBS	0860	0739	35030	2741			14948																																	
		OBS	0880	0629	34861	2743			14906																																	
		STD	0900	0639	3493	2746	0007589	1389	14914																																	
		OBS	0900	0639	34926	2746			14914																																	
		OBS	0903	0649	34946	2747			14918																																	
		OBS	0919	0649	35006	2751			14922																																	
		OBS	0943	0609	34973	2754			14908																																	
		STD	1000	0549	3500	2764	0005887	1457	14895																																	
		OBS	1000	0549	35004	2764			14895																																	
		OBS	1022	0525	34997	2766			14889																																	
		STD	1100	0495	3501	2771	0005219	1512	14890																																	
		OBS	1100	0495	35011	2771			14890																																	
		STD	1200	0468	3502	2775	0004938	1563	14896																																	
		OBS	1200	0468	35016	2775			14896																																	
		STD	1300	0440	3499	2776	0004827	1612	14901																																	
		OBS	1300	0440	34994	2776			14901																																	
		STD	1400	0422	3500	2778	0004673	1659	14910																																	
		OBS	1400	0422	34996	2778			14910																																	
		STD	1500	0404	3499	2779	0004661	1706	14921																																	
		OBS	1500	0409	34987	2779			14921																																	

TABLE II. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 17-20 November 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8028.—Continued

REFERENCE CRUISE ID. NO.	SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	DEPTH M	MARSDEN SQUARE		STATION TIME (GMT)		YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	WAT DEPTH OF SAMPLE	WAVE OBSERVATIONS			WEA- THER CODE	C LOUDS	NODC STATION NUMBER	
					10'	1"	MO	DAY		HR	1/10			CRUISE NO.	STATION NUMBER	DIR				HGT
318028	RC	35143N	060192W	115	50	11	17	076	1967	A53	001	4433		32	b	3	X1	8	6	0020
					WATER COLOR CODE	WIND DIR	WIND SPEED OR FORCE	BARO- METER (mb)	AIR TEMP °C		WET BULB	WIL COOL	NO. OF DEPTHS	SPECIAL OBSERVATIONS						
					34	517	181	161	127	7	06									

MESSAGE TIME HR 1/10	CAS NO	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY- σ_{θ}	$\Sigma \Delta \sigma$ DYN M $\times 10^3$	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P µg/l	TOTAL-P µg/l	NO ₃ -N µg/l	NO ₂ -N µg/l	NO ₂ -N µg/l	CHL a	PH	NODC STATION NUMBER
076		OBS	1050	0513	34996	2768			14887									
076		OBS	11630	0390	34973	2780			14933									
		STD	1750	0382	3497	2781			14950									
		STD	2000	0363	3497	2783			14985									
076		OBS	2198	0347	34976	2784			15012									
		STD	2500	0319	3496	2786			15051									
076		OBS	T2766	0296	34952	2787			15087									
		STD	3000	0274	3495	2789			15118									
076		OBS	T3406	0246	34935	2790			15177									
		STD	4000	0226	3491	2790			15272									
076		OBS	T4044	0226	34906	2790			15280									

REFERENCE CRUISE ID. NO.	SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	DEPTH M	MARSDEN SQUARE		STATION TIME (GMT)		YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	WAT DEPTH OF SAMPLE	WAVE OBSERVATIONS			WEA- THER CODE	C LOUDS	NODC STATION NUMBER	
					10'	1"	MO	DAY		HR	1/10			CRUISE NO.	STATION NUMBER	DIR				HGT
318028	RC	35400N	060377W	115	50	11	17	135	1967	A53	002	4654		01	b	3	X1	0	3	0021
					WATER COLOR CODE	WIND DIR	WIND SPEED OR FORCE	BARO- METER (mb)	AIR TEMP °C		WET BULB	WIL COOL	NO. OF DEPTHS	SPECIAL OBSERVATIONS						
					DT	SD	04	508	203	162	136	7	37							

MESSAGE TIME HR 1/10	CAS NO	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY- σ_{θ}	$\Sigma \Delta \sigma$ DYN M $\times 10^3$	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P µg/l	TOTAL-P µg/l	NO ₃ -N µg/l	NO ₂ -N µg/l	NO ₂ -N µg/l	CHL a	PH	NODC STATION NUMBER
		STD	0000	2247	3626	2506	0029127	0000	15301									
		OBS	0000	2247	36256	2506			15301									
		STD	0010	2247	3626	2506	0029148	0029	15302									
		OBS	0010	2247	36258	2506			15302									
		STD	0020	2248	3627	2506	0029159	0058	15304									
		OBS	0020	2248	36266	2506			15304									
		STD	0030	2249	3627	2507	0029162	0087	15306									
		OBS	0030	2249	36275	2507			15306									
		STD	0050	2254	3629	2507	0029231	0145	15311									
		OBS	0050	2254	36295	2507			15311									
		OBS	0066	2257	36312	2507			15315									
		OBS	0068	2159	36312	2535			15290									
		STD	0075	2137	3646	2552	0025031	0413	15287									
		OBS	0075	2137	36456	2552			15287									
		STD	0100	1969	3666	2608	0019775	0269	15248									
		OBS	0100	1969	36598	2608			15248									
		OBS	0110	1900	36596	2626			15231									
		STD	0125	1884	3659	2629	0017845	0316	15228									
		OBS	0125	1884	36586	2629			15228									
		STD	0150	1867	3657	2633	0017596	0361	15228									
		OBS	0150	1867	36575	2633			15228									
		STD	0200	1828	3655	2640	0017031	0447	15224									
		OBS	0200	1828	36548	2640			15224									
		STD	0250	1788	3652	2648	0016479	0531	15221									
		OBS	0250	1788	36516	2648			15221									
		STD	0300	1749	3645	2653	0016173	0613	15217									
		OBS	0300	1749	36454	2653			15217									
		OBS	0365	1688	36348	2659			15208									
		STD	0400	1603	3617	2665	0015225	0770	15186									
		OBS	0400	1603	36166	2665			15186									
		OBS	0449	1497	36006	2677			15159									
		STD	0500	1294	3573	2698	0012177	0907	15098									
		OBS	0500	1294	35726	2698			15098									
		OBS	0555	1593	35438	2714			15030									
		STD	0600	1014	3529	2718	0010332	1019	15011									
		OBS	0600	1014	35294	2718			15011									
		OBS	0616	0902	35176	2727			14974									
		OBS	0654	0880	35149	2728			14969									
		STD	0700	0769	3507	2739	0008163	1112	14933									
		OBS	0700	0769	35068	2739			14933									
		STD	0800	0761	3496	2757	0006365	1184	14875									
		OBS	0800	0582	34965	2757			14875									
		OBS	0800	0529	34966	2764			14862									
		STD	0900	0511	3490	2768	0005414	1443	14863									
		OBS	0900	0511	34995	2768			14863									
		OBS	0939	0488	34982	2770			14860									
		STD	1000	0474	3501	2773	0004844	1493	14865									
		OBS	1000	0474	35015	2773			14865									
		STD	1100	0448	3499	2775	0004744	1341	14870									
		OBS	1100	0448	34992	2775			14870									
		OBS	1190	0422	34986	2777			14875									
		STD	1200	0433	3500	2778	0004566	1388	14881									
		OBS	1200	0433	35004	2778			14881									
		OBS	1230	0424	34993	2778			14882									
		OBS	1290	0410	34977	2778			14886									
		STD	1300	0409	3497	2778	0004573	1434	14887									
		OBS	1300	0409	34974	2778			14887									
		STD	1400	0398	3497	2779	0004550	1479	14900									
		OBS	1400	0398	34971	2779			14900									
		STD	1500	0390	3497	2779	0004558	1525	14913									
		OBS	1500	0390	34967	2779			14913									

TABLE II. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 17-20 November 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8028.—Continued

REFERENCE SHIP CODE	SHIP CODE	LATITUDE ° 10'	LONGITUDE ° 10'	S ° E	WIND SQUARE		STATION TIME (GMT)		YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPL'S	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES TIME 1001	NODC STATION NUMBER		
					10'	1'	MO	DAY		HR.	10'			CRUISE NO	STATION NUMBER	DIR				PERIOD	SEA
318028	RC	36061N	06055 W		115	60	11	17	177	1967	A53	003	4645	32	5	3	X1	03	0022		
					WATER		WIND		BARO- METER		AIR TEMP °C		NO. OBS DEPTH'S	SPECIAL OBSERVATIONS							
					CODE	TRANS. NO	DIR.	SPED OR FORCE	WIND DIR	WIND SPEED	DRY BULB	WET BULB				VIS CODE	OT	SD	SOB	ZOO	168
MESSAGE TIME HR. 10'	CASST NO.	CARD TYPE	DEPTH M	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-10 ³	S.D.	D X 10 ³	SOUND VELOCITY	O ₂ M/L	PO ₄ -P µg-ATL	TOTAL-P µg-ATL	NO ₃ -N µg-ATL	NO ₂ -N µg-ATL	SIO ₄ -S µg-ATL	PH	S C/C			
	177	STO	0000	2283	3639	2506	0029136	0000		15311											
		OBS	0000	2283	36391	2506				15311											
		STO	0010	2287	3640	2505	0029248	0029		15314											
		OBS	0010	2287	36396	2505				15314											
	002	STO	0020	2287	3640	2505	0029242	0058		15316											
		OBS	0020	2287	36402	2505				15316											
		STO	0030	2286	3640	2506	0029254	0087		15317											
		OBS	0030	2286	36402	2506				15317											
		STO	0040	2281	3643	2509	0029006	0145		15320											
		OBS	0050	2281	36428	2509				15320											
		STO	0075	2274	3645	2513	0028723	0218		15322											
		OBS	0075	2274	36455	2513				15322											
		STO	0083	2275	36457	2513				15324											
		OBS	0100	2051	3658	2584	0022011	0281		15377											
		STO	0125	1945	3659	2614	0019320	0333		15270											
		OBS	0125	1945	36590	2614				15245											
		STO	0150	1890	3657	2626	0018224	0380		15234											
		OBS	0150	1890	36566	2626				15234											
		STO	0230	1847	3656	2637	0017370	0469		15230											
		OBS	0230	1847	36564	2637				15230											
		STO	0250	1807	3653	2644	0016855	0554		15226											
		OBS	0250	1807	36524	2644				15226											
		STO	0300	1774	3649	2650	0016464	0638		15225											
		OBS	0300	1774	36445	2650				15225											
		STO	0400	1699	3636	2658	0016030	0600		15217											
		OBS	0400	1699	36358	2658				15217											
		STO	0460	1599	36195	2669				15195											
		OBS	0500	1470	3593	2677	0014319	0452		15158											
		STO	0500	1470	35931	2677				15158											
		OBS	0500	1122	3542	2709	0011365	1080		15091											
		STO	0600	1122	35418	2708				15091											
		OBS	0610	1089	35396	2712				15041											
		STO	0630	1080	35351	2714				15033											
		OBS	0700	0867	3513	2730	0009226	1183		14971											
		STO	0700	0867	35134	2730				14971											
		OBS	0800	0637	3499	2751	0006971	1464		14897											
		STO	0800	0637	34987	2751				14897											
		OBS	0837	0579	34965	2757				14880											
		STO	0900	0523	3496	2764	0005695	1327		14868											
		OBS	0900	0523	34965	2764				14868											
		STO	0940	0507	34967	2766				14866											
		OBS	0955	0519	34996	2767				14872											
		STO	1000	0481	3498	2770	0005171	1382		14867											
		OBS	1000	0481	34978	2770				14867											
		STO	1100	0457	3499	2774	0004891	1432		14874											
		OBS	1100	0457	34988	2774				14874											
		STO	1200	0439	3499	2776	0004742	1480		14883											
		OBS	1200	0439	34990	2776				14883											
		STO	1300	0419	3498	2777	0004665	1527		14892											
		OBS	1300	0419	34979	2777				14892											
		STO	1400	0407	3497	2778	0004631	1574		14903											
		OBS	1400	0417	34975	2778				14903											
		STO	1500	0396	3497	2779	0004602	1620		14915											
		OBS	1500	0395	34964	2779				14915											

TABLE II. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 17-20 November 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8028.—Continued

REFERENCE CRS CODE	SHIP ID NO	SHIP CODE	LATITUDE ° '	LONGITUDE ° '	S E R	WATER SQUARE		STATION TIME (GMT)		YEAR	ORIGINATOR'S		DEPTH ID BOTTOM	MAX DEPTH OF SAMPLE	WAVE OBSERVATIONS			WEA- TIME CODE	CLOUD CODE	NODC STATION NUMBER	
						10 ⁶	10 ⁴	MO	DAY		HR	MIN			CRUISE NO.	STATION NUMBER	DIR				PER SEC
						WATER	WIND			AIR TEMP. °C		NO. OBS DEPTHS		SPECIAL OBSERVATIONS							
						COLO CODE	WAVE DIR	SPED KTS	BARO- METER COR	DRY BULB	WET BULB	VIS CODE									
						DT	SO	02	503	192	163	143	7	39							
MESSAGE TIME HR MIN	CAS NO	CARD TYPE	DEPTH M	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY (20°)		Σ Δ σ _t DYN M	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg/l	TOTAL-P μg/l	NO ₃ -N μg/l	NO ₂ -N μg/l	CHL- a μg/l	PH				
		STD	0000	2283	3640	2506	0029063	0000	15311												
	208	OBS	0000	2283	3640	2506			15311												
		STD	0010	2284	3640	2506	0029105	0029	15313												
		OBS	0010	2284	36405	2506			15313												
		STD	0020	2284	3641	2507	0029134	0058	15315												
	002	OBS	0020	2284	36406	2507			15315												
		STD	0030	2284	3641	2507	0029163	0087	15317												
		OBS	0030	2284	36407	2507			15317												
		STD	0050	2285	3641	2506	0029260	0145	15320												
		OBS	0050	2285	36409	2506			15320												
		STD	0075	2287	3642	2506	0029354	0215	15325												
		OBS	0075	2287	36416	2506			15325												
		OBS	0088	2288	36434	2507			15328												
		OBS	0098	2280	36451	2511			15327												
		STD	0100	2209	3651	2535	0026684	0489	15310												
		OBS	0100	2209	36506	2535			15310												
		STD	0125	2039	3663	2592	0021406	0349	15272												
		OBS	0125	2039	36631	2592			15272												
		STD	0150	1934	3654	2613	0019480	0400	15246												
		OBS	0150	1934	36543	2613			15246												
		STD	0200	1847	3657	2632	0017845	0493	15236												
		OBS	0200	1847	36566	2632			15236												
		STD	0250	1828	3653	2639	0017341	0581	15232												
		OBS	0250	1828	36529	2639			15232												
		OBS	0263	1808	36530	2644			15229												
		OBS	0287	1785	36476	2644			15225												
		STD	0300	1787	3640	2646	0016839	0667	15228												
		OBS	0300	1787	36486	2644			15228												
		OBS	0322	1789	36515	2648			15235												
		STD	0400	1739	3643	2653	0016441	0633	15230												
		OBS	0400	1739	36431	2653			15230												
		OBS	0458	1687	36306	2658			15221												
		STD	0500	1567	3605	2664	0015600	0993	15190												
		OBS	0500	1567	36546	2664			15190												
		OBS	0500	1489	35914	2672			15167												
		OBS	0540	1459	35944	2681			15161												
		OBS	0573	1367	35828	2691			15135												
		OBS	0588	1349	35751	2689			15131												
		STD	0600	1332	3572	2690	0113254	1137	15127												
		OBS	0600	1332	35720	2690			15127												
		STD	0700	1178	3536	2711	0011225	1460	15051												
		OBS	0700	1078	35359	2711			15051												
		STD	0800	0849	3512	2732	0009181	1362	14981												
		OBS	0800	0849	35126	2732			14981												
		STD	0900	0639	3500	2752	0007174	1443	14915												
		OBS	0900	0639	34996	2752			14915												
		OBS	0950	0501	3510	2750			14904												
		OBS	0950	0563	34956	2760			14891												
		STD	1000	0539	3494	2765	0005820	1508	14891												
		OBS	1000	0539	34994	2765			14891												
		STD	1100	0427	3500	2772	0005204	1563	14891												
		OBS	1100	0427	35004	2772			14891												
		STD	1200	0461	3500	2774	0004980	1615	14893												
		OBS	1200	0461	34997	2774			14893												
		OBS	1250	0424	34974	2775			14892												
		OBS	1270	0450	35001	2775			14900												
		STD	1300	0437	3498	2775	0004897	1764	14899												
		OBS	1300	0437	34979	2775			14899												
		STD	1400	0413	3490	2777	0004795	1712	14908												
		OBS	1400	0413	34904	2777			14908												
		STD	1500	0410	3486	2778	0004690	1760	14922												
		OBS	1500	0410	34984	2778			14922												

TABLE II. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 17-20 November 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8028.—Continued

REFERENCE FORM NO.	SHIP CODE	LATITUDE °/10'	LONGITUDE °/10'	DATE MO DAY HR:10	WABSEN SQUARE	STATION TIME GMT	YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	SAT DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES TYP HLT	NODC STATION NUMBER
								CRUISE NO.	STATION NUMBER			DIR	HGT	PER			
318028	RC	3653RN	061421W	115 16 11 18 018	1967	A53	005	4788		1b	3	2	X1	0	3	0024	
				WATER		WIND		BARO-		AIR TEMP °C		NO		SPECIAL			
		COLOR		TRANSP.		DIR.		SPEED		METER		DRY		WET		VIS	
		CODE		M		S		OR		IMPT		BULB		BULB		CODE	
		DT		SD		19		S15		186		168		137		7	
										SPECIFIC VOLUME		ANOMALY-DBT		3 Δ D		DEN. AT	
										ANOMALY-DBT		ANOMALY-DBT		ANOMALY-DBT		ANOMALY-DBT	
MESSAGE TIME HR 1/10	CARD NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T											
	STO	0600	2260	3635	2509	0028827	0000	15305									
	OBS	0600	2260	36346	2509			15305									
	STO	0610	2260	3635	2509	0028866	0028	15307									
	OBS	0610	2260	36346	2509			15307									
	STO	0620	2260	3635	2509	0028960	0057	15309									
	OBS	0620	2260	36346	2509			15309									
	STO	0630	2263	3635	2503	0029067	0086	15311									
	OBS	0630	2263	36346	2503			15311									
	STO	0640	2262	3635	2503	0029177	0144	15314									
	OBS	0640	2262	36346	2503			15314									
	STO	0650	2263	3635	2504	0029202	0217	15316									
	OBS	0650	2263	36346	2504			15316									
	STO	0710	2114	3661	2567	0029313	0483	15288									
	OBS	0710	2114	3661	2567			15288									
	STO	0725	1989	3661	2514	0029449	0349	15298									
	OBS	0725	1989	3661	2514			15298									
	STO	0740	1942	3665	2615	0019242	0347	15244									
	OBS	0740	1942	3665	2615			15244									
	STO	0755	1883	3658	2637			15237									
	OBS	0755	1883	3658	2637			15237									
	STO	0810	1831	3658	2631	0017593	0487	15237									
	OBS	0810	1831	3658	2631			15237									
	STO	0830	1831	3654	264	0017675	0568	15232									
	OBS	0830	1831	3654	264			15232									
	STO	0850	1795	3652	2646	0017715	0643	15231									
	OBS	0850	1795	3652	2646			15231									
	STO	0910	1757	3646	2652	0018513	0627	15231									
	OBS	0910	1757	3646	2652			15231									
	STO	0930	1714	3638	2657	0018646	0786	15237									
	OBS	0930	1714	3638	2657			15237									
	STO	0950	1668	3617	2683	0018734	1046	15207									
	OBS	0950	1668	3617	2683			15207									
	STO	1010	1649	3575	2686	0018815	1231	15184									
	OBS	1010	1649	3575	2686			15184									
	STO	1030	1644	3536	2708	0018852	1418	15174									
	OBS	1030	1644	3536	2708			15174									
	STO	1050	1603	3513	274	0018885	1605	15001									
	OBS	1050	1603	3513	274			15001									
	STO	1110	1568	3512	274			15001									
	OBS	1110	1568	3512	274			15001									
	STO	1130	1534	3504	274	0018971	1614	14994									
	OBS	1130	1534	3504	274			14994									
	STO	1150	1503	3503	275	0019011	1677	14914									
	OBS	1150	1503	3503	275			14914									
	STO	1210	1471	3494	276			14915									
	OBS	1210	1471	3494	276			14915									
	STO	1230	1443	3485	276	0019045	1735	14917									
	OBS	1230	1443	3485	276			14917									
	STO	1250	1417	3477	277			14917									
	OBS	1250	1417	3477	277			14917									
	STO	1310	1399	3477	277	0019084	1841	14921									
	OBS	1310	1399	3477	277			14921									
	STO	1330	1382	3478	277	0019125	1841	14924									
	OBS	1330	1382	3478	277			14924									

TABLE II. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 17-20 November 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8028.—Continued

REFERENCE SHIP CODE	SHIP NO.	LATITUDE 1/10	LONGITUDE 1/10	WADSWORTH SQUARE	STATION TIME (GMT)		YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLES	WAVE OBSERVATIONS		WEA- THER CODE	CLOUD CODE	NODC STATION NUMBER																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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318028	RC	37200N	062000W	115	72	11	18	043	1967	A53	005	4872	18	12	1	0151	0025																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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<table border="1"> <thead> <tr> <th>MESSAGE TIME HR 1/10</th> <th>CAST NO</th> <th>CARO TYPE</th> <th>DEPTH (M)</th> <th>T °C</th> <th>S ‰</th> <th>SIGMA-T</th> <th>SPECIFIC VOLUME ANOMALY-20°</th> <th>S.D.D DIN. M x 10³</th> <th>SOUND VELOCITY</th> <th>O₂ ml</th> <th>PO₄-P µMOL/L</th> <th>TOTAL-P µMOL/L</th> <th>NO₃-N µMOL/L</th> <th>NO₂-N µMOL/L</th> <th>CHL- a µg/L</th> <th>PM</th> <th>1 C.C.</th> </tr> </thead> <tbody> <tr><td></td><td></td><td>STD</td><td>0000</td><td>2253</td><td>3636</td><td>2509</td><td>0028636</td><td>0036</td><td>15305</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td>043</td><td>OBS</td><td>0000</td><td>2253</td><td>3636</td><td>2509</td><td></td><td></td><td>15305</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>STD</td><td>0010</td><td>2254</td><td>3635</td><td>2508</td><td>0028912</td><td>0029</td><td>15305</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>OBS</td><td>0010</td><td>2254</td><td>3635</td><td>2508</td><td></td><td></td><td>15305</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>STD</td><td>0020</td><td>2255</td><td>3635</td><td>2508</td><td>0028776</td><td>0027</td><td>15310</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td>004</td><td>OBS</td><td>0020</td><td>2255</td><td>3635</td><td>2508</td><td></td><td></td><td>15310</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>STD</td><td>0030</td><td>2256</td><td>3635</td><td>2508</td><td>0029054</td><td>0028</td><td>15312</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>OBS</td><td>0030</td><td>2256</td><td>3635</td><td>2508</td><td></td><td></td><td>15312</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>STD</td><td>0040</td><td>2256</td><td>3635</td><td>2508</td><td>0029141</td><td>0145</td><td>15312</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>OBS</td><td>0040</td><td>2256</td><td>3635</td><td>2508</td><td></td><td></td><td>15312</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>STD</td><td>0050</td><td>2259</td><td>3637</td><td>2511</td><td>0028448</td><td>0217</td><td>15317</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>OBS</td><td>0050</td><td>2259</td><td>3637</td><td>2511</td><td></td><td></td><td>15317</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>STD</td><td>0100</td><td>2259</td><td>3636</td><td>2511</td><td>0028742</td><td>0242</td><td>15322</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>OBS</td><td>0100</td><td>2259</td><td>3636</td><td>2511</td><td></td><td></td><td>15322</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>STD</td><td>0125</td><td>1940</td><td>3604</td><td>2606</td><td>0020750</td><td>0241</td><td>15252</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>OBS</td><td>0125</td><td>1940</td><td>3604</td><td>2606</td><td></td><td></td><td>15252</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>STD</td><td>0150</td><td>1941</td><td>3602</td><td>2610</td><td>0019184</td><td>0345</td><td>15252</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>OBS</td><td>0150</td><td>1941</td><td>3602</td><td>2610</td><td></td><td></td><td>15252</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>STD</td><td>0200</td><td>1876</td><td>3655</td><td>2631</td><td>0017522</td><td>0246</td><td>15238</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>OBS</td><td>0200</td><td>1876</td><td>3655</td><td>2631</td><td></td><td></td><td>15238</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>STD</td><td>0250</td><td>1839</td><td>3655</td><td>2638</td><td>0017517</td><td>0246</td><td>15236</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>OBS</td><td>0250</td><td>1839</td><td>3655</td><td>2638</td><td></td><td></td><td>15236</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>STD</td><td>0300</td><td>1815</td><td>3653</td><td>2642</td><td>0017211</td><td>0254</td><td>15237</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>OBS</td><td>0300</td><td>1815</td><td>3653</td><td>2642</td><td></td><td></td><td>15237</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>STD</td><td>0400</td><td>1754</td><td>3647</td><td>2652</td><td>0016632</td><td>0322</td><td>15236</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>OBS</td><td>0400</td><td>1754</td><td>3647</td><td>2652</td><td></td><td></td><td>15236</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>STD</td><td>0500</td><td>1727</td><td>3641</td><td>2655</td><td>0016557</td><td>0356</td><td>15241</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>OBS</td><td>0500</td><td>1727</td><td>3641</td><td>2655</td><td></td><td></td><td>15241</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>STD</td><td>0600</td><td>1654</td><td>3627</td><td>2662</td><td></td><td></td><td>15233</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>OBS</td><td>0600</td><td>1654</td><td>3627</td><td>2662</td><td></td><td></td><td>15233</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>STD</td><td>0700</td><td>1444</td><td>3573</td><td>2667</td><td>0015734</td><td>1151</td><td>15211</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>OBS</td><td>0700</td><td>1444</td><td>3573</td><td>2667</td><td></td><td></td><td>15211</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>STD</td><td>0700</td><td>1444</td><td>3573</td><td>2667</td><td>0015734</td><td>1151</td><td>15211</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>OBS</td><td>0700</td><td>1444</td><td>3573</td><td>2667</td><td></td><td></td><td>15211</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>STD</td><td>0800</td><td>1116</td><td>3541</td><td>2707</td><td>0011744</td><td>1446</td><td>15200</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>OBS</td><td>0800</td><td>1116</td><td>3541</td><td>2707</td><td></td><td></td><td>15200</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>STD</td><td>0900</td><td>0852</td><td>3511</td><td>2731</td><td>0011447</td><td>1753</td><td>14999</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>OBS</td><td>0900</td><td>0852</td><td>3511</td><td>2731</td><td></td><td></td><td>14999</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>STD</td><td>0900</td><td>0852</td><td>3511</td><td>2731</td><td>0011447</td><td>1753</td><td>14999</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>OBS</td><td>0900</td><td>0852</td><td>3511</td><td>2731</td><td></td><td></td><td>14999</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>STD</td><td>1000</td><td>0652</td><td>3504</td><td>2736</td><td></td><td></td><td>14964</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>OBS</td><td>1000</td><td>0652</td><td>3504</td><td>2736</td><td></td><td></td><td>14964</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>STD</td><td>1000</td><td>0652</td><td>3504</td><td>2736</td><td>0007534</td><td>164</td><td>14964</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>OBS</td><td>1000</td><td>0652</td><td>3504</td><td>2736</td><td></td><td></td><td>14964</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>STD</td><td>1043</td><td>0579</td><td>3476</td><td>2751</td><td></td><td></td><td>14914</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> 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TABLE II. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 17-20 November 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8028.—Continued

REFERENCE SHIP ID. NO.	SHIP CODE	LATITUDE ° ' /10	LONGITUDE ° ' /10	S E Z	GRADEN SQUARE			STATION TIME (GMT)		YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLE	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER		
					10'	1'	MO	DAY	HR		MIN	CRUISE NO.			STATION NUMBER	DIR	HGT				PER	
						WATER		WIND		AIR TEMP. °C		NO. OBS. DEPTH		SPECIAL OBSERVATIONS								
				CLOUD CODE		TRANS M	DIL	SPID OR FORCE	BARO- METER (mm)	DIR RULE	WET RULE	VIS CODE										
				NT		SD	22	520	144	182	157	7	31									
MESSAGE TIME HR 1/10	CAST NO	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY-20°	Σ Δ D DWT (g 10 ³)	SOUND VELOCITY	O ₂ (ml/l)	PO ₄ -P μg-at/l	TOTAL-P μg-at/l	NO ₃ -N μg-at/l	NO ₂ -N μg-at/l	SiO ₄ -S μg-at/l	pH	S CC					
	072	STD	0000	2266	3636	2508	0028494	0000	15307													
		085	0000	2266	36360	2508			15307													
		STD	0010	2267	36358	2508	0028466	0028	15309													
		085	0010	2267	36359	2508			15309													
		STD	0020	2267	36356	2508	0029015	0057	15310													
		085	0020	2267	36358	2508			15310													
		STD	0030	2267	36356	2508	0029063	0087	15312													
		085	0030	2267	36356	2509			15312													
		STD	0040	2268	36356	2507	0029169	0145	15315													
		085	0040	2268	36357	2507			15315													
		STD	0050	2268	36356	2508	0029239	0218	15320													
		085	0050	2268	36360	2508			15320													
		STD	0100	2268	36356	2509			15321													
		085	0100	2268	36356	2509	0024475	0285	15292													
		STD	0110	2137	36555	2509			15292													
		085	0110	2137	36546	2559			15292													
		STD	0120	2022	36527	2391	0011433	0342	15266													
		085	0120	2022	36566	2591			15266													
		STD	0130	1928	36528	2617	0019004	0393	15241													
		085	0130	1928	36562	2617			15245													
		STD	0140	1874	36528	2631	0017420	0485	15238													
		085	0140	1874	36574	2631			15238													
		STD	0150	1844	36528	2637	0017545	0574	15237													
		085	0150	1844	36554	2637			15237													
		STD	0200	1810	36528	2644	0017579	0660	15235													
		085	0200	1810	36535	2644			15235													
		STD	0210	1760	36448	2651	0016771	0829	15238													
		085	0210	1760	36477	2651			15238													
		STD	0220	1712	36448	2657	0016421	0944	15238													
		085	0220	1712	36391	2657			15238													
		STD	0230	1642	36447	2654			15238													
		085	0230	1642	36477	2654			15238													
		STD	0240	1604	36356	2661			15229													
		085	0240	1604	36356	2669	0016000	1154	15206													
		STD	0250	1564	36294	2669			15207													
		085	0250	1351	3575	2689	0014955	1317	15157													
		STD	0300	1351	35756	2685			15150													
		085	0300	1274	35626	2695			15130													
		STD	0310	1274	35616	2701			15119													
		085	0310	1121	3542	2707	0011627	1427	15084													
		STD	0320	1121	35416	2738			15084													
		085	0320	0980	35248	2720			15039													
		STD	0330	0874	3512	2728	0009811	1535	15007													
		085	0330	0874	35122	2728			15007													
		STD	0340	0641	3500	2752	0007447	1621	14932													
		085	0340	0641	34996	2752			14932													
		STD	0350	0545	3483	2764	0006222	1687	14906													
		085	0350	0545	34776	2764			14906													
		STD	0400	0485	34975	2765			14902													
		085	0400	0485	3498	2777	0005449	1744	14857													
		STD	0410	0485	34980	2777			14857													
		085	0410	0485	3498	2777	0005411	1748	14856													
		STD	0420	0459	34978	2777			14858													
		085	0420	0459	3458	2774	0005111	1846	14819													
		STD	0430	0447	3457	2774			14819													
		085	0430	0429	3447	2777	0004777	1840	14789													
		STD	0440	0429	3448	2777			14789													

TABLE II. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 17-20 November 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8028.—Continued

REFERENCE CITY CODE	SHIP ID NO.	SHIP CODE	LATITUDE °	LONGITUDE °	S E D	MARSDEN SQUARE			STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLES	WAVE OBSERVATIONS DIR HGT PER SEA	WEA- THER CODE	CLOUD CODES TMM TAMT	NODC STATION NUMBER																																																																																																																																																																																																						
						10'	1'	MO	DAY	HR	1/10		CRUISE NO.	STATION NUMBER																																																																																																																																																																																																												
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<table border="1"> <thead> <tr> <th colspan="2">WATER</th> <th colspan="2">WIND</th> <th rowspan="2">BARO- METER (mb)</th> <th colspan="3">AIR TEMP °C</th> <th rowspan="2">VIS CODE</th> <th rowspan="2">NO OBS DEPTHS</th> <th rowspan="2">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>COLOUR CODE</th> <th>TRANS- M</th> <th>DIR</th> <th>SPEED OF FORCE</th> <th>DBT BULB</th> <th>WET BULB</th> <th>VS CODE</th> </tr> </thead> <tbody> <tr> <td></td> <td>18</td> <td>15</td> <td>164</td> <td>167</td> <td>148</td> <td>7</td> <td>07</td> <td></td> <td></td> </tr> </tbody> </table>																					WATER		WIND		BARO- METER (mb)	AIR TEMP °C			VIS CODE	NO OBS DEPTHS	SPECIAL OBSERVATIONS	COLOUR CODE	TRANS- M	DIR	SPEED OF FORCE	DBT BULB	WET BULB	VS CODE		18	15	164	167	148	7	07																																																																																																																																																																												
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REFERENCE CITY CODE	SHIP ID NO.	SHIP CODE	LATITUDE °	LONGITUDE °	S E D	MARSDEN SQUARE			STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLES	WAVE OBSERVATIONS DIR HGT PER SEA	WEA- THER CODE	CLOUD CODES TMM TAMT	NODC STATION NUMBER																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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<tr><td></td><td>OBS</td><td>0600</td><td>1188</td><td>35.488</td><td>27.1</td><td></td><td></td><td></td><td>15171</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td>STD</td><td>0700</td><td>0972</td><td>35.2</td><td>27.2</td><td></td><td>0110110</td><td>1188</td><td>15112</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td>OBS</td><td>0700</td><td>0972</td><td>35.200</td><td>27.2</td><td></td><td></td><td></td><td>15012</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td>STD</td><td>0800</td><td>0809</td><td>35.27</td><td>27.33</td><td></td><td>0109497</td><td>1485</td><td>14965</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td>OBS</td><td>0800</td><td>0809</td><td>35.267</td><td>27.33</td><td></td><td></td><td></td><td>14965</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td>OBS</td><td>0870</td><td>0633</td><td>34.97</td><td>27.5</td><td></td><td></td><td></td><td>14915</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td>STD</td><td>0900</td><td>06.9</td><td>34.9</td><td>27.56</td><td></td><td>0106887</td><td>1261</td><td>14900</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td>OBS</td><td>0900</td><td>06.9</td><td>34.924</td><td>27.56</td><td></td><td></td><td></td><td>14900</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td>OBS</td><td>0950</td><td>0531</td><td>34.57</td><td>27.6</td><td></td><td></td><td></td><td>14975</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td>STD</td><td>1000</td><td>0485</td><td>34.26</td><td>27.6</td><td></td><td>0104007</td><td>1423</td><td>14951</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td>OBS</td><td>1000</td><td>0489</td><td>34.26</td><td>27.6</td><td></td><td></td><td></td><td>14971</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td>STD</td><td>1100</td><td>0463</td><td>34.2</td><td>27.7</td><td></td><td>0103007</td><td>1475</td><td>14976</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td>OBS</td><td>1100</td><td>0463</td><td>34.2</td><td>27.7</td><td></td><td></td><td></td><td>14976</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td>STD</td><td>1200</td><td>0433</td><td>34.2</td><td>27.7</td><td></td><td>0104866</td><td>1524</td><td>14983</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td>OBS</td><td>1200</td><td>0433</td><td>34.2</td><td>27.7</td><td></td><td></td><td></td><td>14983</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td>STD</td><td>1300</td><td>0424</td><td>34.2</td><td>27.7</td><td></td><td>0103777</td><td>1571</td><td>14994</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td>OBS</td><td>1300</td><td>0424</td><td>34.2</td><td>27.7</td><td></td><td></td><td></td><td>14994</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td>OBS</td><td>1374</td><td>0420</td><td>34.2</td><td>27.7</td><td></td><td></td><td></td><td>14994</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td>STD</td><td>1400</td><td>04.9</td><td>34.2</td><td>27.7</td><td></td><td>0104007</td><td>1621</td><td>14954</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td>OBS</td><td>1400</td><td>04.9</td><td>34.2</td><td>27.7</td><td></td><td></td><td></td><td>14954</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td>STD</td><td>1500</td><td>04.9</td><td>34.27</td><td>27.7</td><td></td><td>0104007</td><td>1667</td><td>14954</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td>OBS</td><td>1500</td><td>04.9</td><td>34.27</td><td>27.7</td><td></td><td></td><td></td><td>14954</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>																					MESSING TIME HR	CASID NO	CARD TYPE	DEPTH (M)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-SVP	S Δ D DYN. M x 10 ³	SOUND VELOCITY	O ₂ (ml)	PO ₄ -P μg-ml	TOTAL-P μg-ml	NO ₂ -N μg-ml	NO ₃ -N μg-ml	SIO ₂ -Si μg-ml	PH	SEC	003	OBS	0000	2237	36.2	25.05		0029227	0000	15298										OBS	0000	2237	36.205	25.05				15298										STD	0010	2238	36.21	25.05		0029475	0029	15300										OBS	0010	2238	36.217	25.04				15300										STD	0120	2238	36.217	25.05		0029404	0058	15301									002	OBS	0020	2238	36.238	25.05				15301										STD	0030	2239	36.21	25.05		0029325	0087	15303										OBS	0030	2239	36.214	25.05				15303										STD	0050	2244	36.24	25.1		0029321	0146	15308										OBS	0050	2244	36.24	25.06				15308										OBS	0068	2250	36.306	25.04				15313										STD	0075	2241	36.30	25.1		0028493	0218	15313										OBS	0075	2241	36.301	25.15				15313										STD	0100	2040	36.33	25.59		0029396	0284	15278										OBS	0100	2040	36.336	25.59				15276										STD	0125	1453	36.37	25.94		0021251	0341	15247										OBS	0125	1453	36.374	25.94				15247										STD	0150	1844	36.4	26.1		0014200	0392	15214										OBS	0150	1849	36.402	26.15				15219										OBS	0156	1811	36.487	26.25				15204										OBS	0172	1819	36.31	26.25				15214										STD	0200	1768	36.32	26.38		0017233	0483	15204										OBS	0200	1768	36.32	26.38				15204										OBS	0207	174	36.32	26.44				15197										STD	0250	1729	36.3	26.7				15241										OBS	0250	1729	36.3	26.7				15201										OBS	0290	1728	36.352	26.50				15238										STD	0330	17.9	36.34	26.54		0116024	0648	15214										OBS	0300	17.9	36.34	26.54				15204										OBS	0335	1667	36.254	26.59				15194										OBS	0370	1637	36.1	26.61				15192										STD	0400	1573	36.35	26.7		0115433	0655	15175										OBS	0400	1573	36.35	26.7				15175										OBS	0440	1409	35.78	26.7				15131										OBS	0480	1419	35.825	26.6				15137										STD	0500	1371	35.77	26.6		0113474	0743	15124										OBS	0500	1371	35.77	26.6				15124										STD	0630	1185	35.4	27.01		0112096	1076	15115										OBS	0600	1188	35.488	27.1				15171										STD	0700	0972	35.2	27.2		0110110	1188	15112										OBS	0700	0972	35.200	27.2				15012										STD	0800	0809	35.27	27.33		0109497	1485	14965										OBS	0800	0809	35.267	27.33				14965										OBS	0870	0633	34.97	27.5				14915										STD	0900	06.9	34.9	27.56		0106887	1261	14900										OBS	0900	06.9	34.924	27.56				14900										OBS	0950	0531	34.57	27.6				14975										STD	1000	0485	34.26	27.6		0104007	1423	14951										OBS	1000	0489	34.26	27.6				14971										STD	1100	0463	34.2	27.7		0103007	1475	14976										OBS	1100	0463	34.2	27.7				14976										STD	1200	0433	34.2	27.7		0104866	1524	14983										OBS	1200	0433	34.2	27.7				14983										STD	1300	0424	34.2	27.7		0103777	1571	14994										OBS	1300	0424	34.2	27.7				14994										OBS	1374	0420	34.2	27.7				14994										STD	1400	04.9	34.2	27.7		0104007	1621	14954										OBS	1400	04.9	34.2	27.7				14954										STD	1500	04.9	34.27	27.7		0104007	1667	14954										OBS	1500	04.9	34.27	27.7				14954								
MESSING TIME HR	CASID NO	CARD TYPE	DEPTH (M)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-SVP	S Δ D DYN. M x 10 ³	SOUND VELOCITY	O ₂ (ml)	PO ₄ -P μg-ml	TOTAL-P μg-ml	NO ₂ -N μg-ml	NO ₃ -N μg-ml	SIO ₂ -Si μg-ml	PH	SEC																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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	STD	0150	1844	36.4	26.1		0014200	0392	15214																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	OBS	0150	1849	36.402	26.15				15219																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	OBS	0156	1811	36.487	26.25				15204																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	OBS	0172	1819	36.31	26.25				15214																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	STD	0200	1768	36.32	26.38		0017233	0483	15204																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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	OBS	0207	174	36.32	26.44				15197																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	STD	0250	1729	36.3	26.7				15241																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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	OBS	0290	1728	36.352	26.50				15238																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	STD	0330	17.9	36.34	26.54		0116024	0648	15214																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	OBS	0300	17.9	36.34	26.54				15204																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	OBS	0335	1667	36.254	26.59				15194																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	OBS	0370	1637	36.1	26.61				15192																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	STD	0400	1573	36.35	26.7		0115433	0655	15175																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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	OBS	0440	1409	35.78	26.7				15131																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	OBS	0480	1419	35.825	26.6				15137																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	STD	0500	1371	35.77	26.6		0113474	0743	15124																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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	STD	0630	1185	35.4	27.01		0112096	1076	15115																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	OBS	0600	1188	35.488	27.1				15171																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	STD	0700	0972	35.2	27.2		0110110	1188	15112																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	OBS	0700	0972	35.200	27.2				15012																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	STD	0800	0809	35.27	27.33		0109497	1485	14965																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	OBS	0800	0809	35.267	27.33				14965																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	OBS	0870	0633	34.97	27.5				14915																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	STD	0900	06.9	34.9	27.56		0106887	1261	14900																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	OBS	0900	06.9	34.924	27.56				14900																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	OBS	0950	0531	34.57	27.6				14975																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	STD	1000	0485	34.26	27.6		0104007	1423	14951																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	OBS	1000	0489	34.26	27.6				14971																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	STD	1100	0463	34.2	27.7		0103007	1475	14976																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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	STD	1200	0433	34.2	27.7		0104866	1524	14983																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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	STD	1300	0424	34.2	27.7		0103777	1571	14994																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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	OBS	1374	0420	34.2	27.7				14994																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	STD	1400	04.9	34.2	27.7		0104007	1621	14954																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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	STD	1500	04.9	34.27	27.7		0104007	1667	14954																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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TABLE II. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 17-20 November 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8028.—Continued

REFERENCE CITY CODE	SHIP NO.	SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	TIME OF OBS.	MARS DEN SQUARE		STATION TIME (GMT)		YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	SPLD DEPTH OF SAMPL'S	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	N. O. C. STATION NUMBER
						10°	1°	MO	DAY		HR	1/10			CRUISE NO.	STATION NUMBER	PER SEC			
318028	RC		3900N	06307W		115	03	11	057	1967	A53	010	4854		21	5	2	X1	0 3	0050
						WATER		WIND		BARO-		AIR TEMP °C								
						COLOR	TEMP	DIR	SPEED	METER	DRY	WET	VIS	NO	SPECIAL					
						DT	SU	21	S25	041	183	176	7	38						
MESSNGR TIME HR 1/10	CAST NO.	CARD TYPE	DEPTH (M)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY (10 ³)	S Δ D DYN (M 10 ³)	SOUND VELOCITY M/SEC	σ _t (10 ⁻³)	PO ₄ -P μMOL/L	TOTAL P μMOL/L	NO ₃ -N μMOL/L	NO ₂ -N μMOL/L	NO ₃ ⁻ μMOL/L	NO ₂ ⁻ μMOL/L	CHL μMOL/L	SI CM		
		STD	0000	1770	3500	2536	0026205	0000	15156											
	057	OBS	0000	1770	35000	2536			15156											
		STD	0010	1770	3500	2537	0026206	0006	15158											
		OBS	0010	1770	35005	2537			15158											
		STD	0020	1774	3502	2537	0026222	0052	15161											
	002	OBS	0020	1774	35020	2537			15161											
		STD	0030	1780	3504	2537	0026250	0078	15164											
		OBS	0030	1780	35040	2537			15164											
		STD	0050	1798	3508	2536	0026444	0131	15173											
		OBS	0050	1798	35080	2536			15173											
		OBS	0068	1795	35275	2551			15178											
		STD	0075	1429	3548	2651	0015506	0485	15069											
		OBS	0075	1429																
		OBS	0080	1389																
		OBS	0085	1549																
		STD	0100	1551	3589	2666	0014055	0020	15102											
		OBS	0100	1551	35893	2666			15102											
		OBS	0110	1496	35874	2667			15103											
		OBS	0121	1393	35785	2683			15069											
		STD	0125	1393	3577	2682	0012772	0254	15070											
		OBS	0125	1393	35773	2682			15070											
		STD	0150	1348	3575	2689	001138	0485	15059											
		OBS	0150	1348	35747	2689			15059											
		OBS	0180	1291	35687	2696			15044											
		STD	0200	1224	3558	2701	0011126	0345	15027											
		OBS	0200	1224	35576	2701			15027											
		STD	0250	1157	3538	2717	0014665	0345	14977											
		OBS	0250	1057	35360	2717			14977											
		STD	0300	0947	3523	2724	0009745	0442	14937											
		OBS	0300	0947	35229	2724			14937											
		OBS	0348	0766	34910	2727			14872											
		OBS	0360	0776	35096	2739			14888											
		OBS	0380	0776	35104	2741			14884											
		STD	0430	0727	3508	2747	0006412	0522	14866											
		OBS	0400	0727	35085	2747			14866											
		OBS	0408	0689	35029	2748			14854											
		OBS	0453	0648	35046	2755			14845											
		OBS	0464	0648	35043	2754			14847											
		STD	0500	0577	3502	2762	0005507	0684	14824											
		OBS	0500	0577	35016	2762			14824											
		OBS	0544	0546	35028	2766			14817											
		OBS	0570	0499	34984	2769			14815											
		STD	0600	0488	3498	2769	0004824	0636	14804											
		OBS	0600	0488	34976	2769			14804											
		STD	0700	0461	3492	2774	0004475	0682	14807											
		OBS	0700	0461	34993	2774			14807											
		STD	0800	0444	3500	2776	0004354	0726	14817											
		OBS	0800	0444	34996	2776			14817											
		STD	0900	0426	3499	2777	0004256	0769	14827											
		OBS	0900	0426	34989	2777			14826											
		STD	1000	0409	3498	2779	0004212	0812	14838											
		OBS	1000	0409	34984	2779			14838											
		STD	1100	0398	3497	2779	0004142	0854	14851											
		OBS	1100	0398	34975	2779			14851											
		STD	1200	0389	3497	2780	0004077	0897	14862											
		OBS	1200	0389	34972	2780			14862											
		STD	1300	0380	3497	2780	0004036	0939	14872											
		OBS	1300	0380	34969	2780			14872											
		STD	1400	0374	3497	2781	0004059	0981	14890											
		OBS	1400	0374	34968	2781			14890											
		STD	1500	0369	3497	2781	0004041	1024	14904											
		OBS	1500	0369	34967	2781			14904											

TABLE II. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 17-20 November 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8028.—Continued

REFERENCE	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	M NO. OF S	WASSON SQUARE			STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEATHER CODE	CLOUD COGS TFR WAT	NODC STATION NUMBER
					10'	1"	MO	DAY	HR	MIN		SEC	CRUISE NO.			STATION NUMBER	DR	HGT			
318028	RC	39243N	063398W	115	93	11	19	089	1967	A53	011	4799	26	5	2	X1	0	3	0031		
				WATER		WIND		SAR-		AIR TEMP. °C		NO. OBS. DEPTHS		SPECIAL OBSERVATIONS							
		COLOR CODE		TRNSL	DIR.	SPD	DIR	WIND	DIR	WPT	WPT	WPT	WPT								
		0T		SD	30	S20	032	163	149	7	31										
MESSAGE TIME HR 1/10	CASSETTE NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECFIC VOLUME ANOMALY-20°	S Δ σ DYN. M. x 10 ³	SOUND VELOCITY	O ₂ (ml/l)	PO ₄ -P μg · ml ⁻¹	TOTAL-P μg · ml ⁻¹	NO ₃ -N μg · ml ⁻¹	NO ₂ -N μg · ml ⁻¹	SiO ₄ -Si μg · ml ⁻¹	pH	STATION NO.				
		STO	0000	1779	3507	2540	0025870	0000	15160												
		OBS	0000	1779	35075	2540			15160												
		STO	0010	1779	3508	2540	0025894	0025	15161												
		OBS	0010	1779	35076	2540			15161												
		STO	0020	1780	3508	2540	0025899	0051	15163												
		OBS	0020	1780	35084	2540			15163												
		STO	0030	1778	3508	2540	0025942	0077	15164												
		OBS	0030	1778	35076	2540			15164												
		OBS	0032	1609	34993	2574			15113												
		OBS	0041	1526	35041	2596			15089												
		STO	0050	1429	3549	2652	0015388	0119	15065												
		OBS	0050	1429	35486	2652			15065												
		OBS	0055	1414	35716	2673			15064												
		OBS	0067	1447	35816	2673			15078												
		STO	0075	1319	3561	2685	0012338	0153	15035												
		OBS	0075	1319	35613	2685			15035												
		STO	0100	1374	3576	2685	0012426	0184	15059												
		OBS	0100	1374	35759	2685			15059												
		STO	0125	1299	3559	2687	0012264	0215	15036												
		OBS	0125	1299	35588	2687			15036												
		STO	0150	1219	3545	2692	0011851	0245	15011												
		OBS	0150	1219	35446	2692			15011												
		OBS	0167	1088	35319	2706			14967												
		STO	0200	1036	3526	2712	0010036	0300	14953												
		OBS	0200	1036	35265	2712			14953												
		STO	0250	0890	3514	2726	0008708	0347	14906												
		OBS	0250	0890	35136	2726			14906												
		STO	0300	0754	3505	2740	0007381	0387	14861												
		OBS	0300	0754	35051	2740			14861												
		OBS	0350	0669	34993	2748			14836												
		STO	0400	0609	3499	2755	0005988	0454	14820												
		OBS	0400	0609	34991	2755			14820												
		STO	0500	0535	3499	2764	0005212	0510	14807												
		OBS	0500	0535	34986	2764			14807												
		OBS	0545	0503	34983	2768			14801												
		STO	0600	0490	3499	2770	0004756	0560	14805												
		OBS	0600	0490	34988	2770			14805												
		STO	0700	0478	3500	2772	0004663	0607	14810												
		OBS	0700	0478	34996	2772			14810												
		STO	0800	0434	3498	2776	0004327	0652	14815												
		OBS	0800	0434	34984	2776			14815												
		STO	0900	0423	3498	2776	0004351	0695	14827												
		OBS	0900	0423	34976	2776			14827												
		STO	1000	0408	3498	2778	0004262	0738	14837												
		OBS	1000	0408	34976	2778			14837												
		STO	1100	0392	3498	2780	0004155	0780	14847												
		OBS	1100	0392	34976	2780			14847												
		STO	1200	0388	3497	2780	0004252	0822	14862												
		OBS	1200	0388	34969	2780			14862												
		STO	1300	0380	3497	2781	0004218	0865	14875												
		OBS	1300	0380	34971	2781			14875												
		STO	1400	0377	3497	2781	0004277	0907	14891												
		OBS	1400	0377	34970	2781			14891												
		STO	1500	0370	3498	2782	0004232	0950	14905												
		OBS	1500	0370	34976	2782			14905												

TABLE II. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 17-20 November 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8028. —Continued

REFERENCE CITY CODE	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	MARSSEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	WAVE DEPTH OF SAMPLING	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER
					TO	1	MO		DAY	HR			CRUISE NO.	STATION NUMBER	DIR			
318028	RC	39494N	063595W	115 93	11	19	117	1967	A53	012	4718		26	6	2	X1	0 3	0032
				WATER		WIND		BARO-	AIR TEMP °C		NO. OBS. DEPTH	SPECIAL OBSERVATIONS						
				COLOR CODE	TRANS (m)	DIR.	SPEED OF FORCE	METER (mb)	DRY BULB	WET BULB				WIL COOL				
				DT	SD	SZ	SZ3	050	148	121	7	29						
MESSING TIME HR 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY- σ_t	S Δ D DIN E 10 ²	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg-at/l	TOTAL-P μg-at/l	NO ₂ -N μg-at/l	NO ₃ -N μg-at/l	NO ₃ -N μg-at/l	NO ₃ -N μg-at/l	pH	S CC
		STD	0000	1784	3526	2553	0024672	0000	15163									
117		OBS	0000	1784	35256	2553			15163									
		STD	0010	1789	3527	2552	0024715	0024	15167									
		OBS	0010	1789	35271	2552			15167									
		STD	0020	1796	3531	2554	0024594	0049	15171									
002		OBS	0020	1796	35315	2554			15171									
		STD	0030	1809	3535	2554	0024647	0074	15177									
		OBS	0030	1804	35354	2554			15177									
		OBS	0036	1827	35445	2556			15184									
		STD	0050	1821	3545	2558	0024289	0122	15185									
		OBS	0050	1821	35452	2558			15185									
		OBS	0055	1617	35425	2605			15125									
		STD	0075	1441	3566	2663	0014423	0171	15075									
		OBS	0075	1441	35661	2663			15075									
		OBS	00A0	1384	35676	2675			15060									
		STD	0100	1359	3564	2683	0012604	0415	15053									
		OBS	0100	1359	35693	2683			15053									
		OBS	0111	1353	35694	2684			15053									
		STD	0125	1286	3566	2695	0011512	0435	15033									
		OBS	0125	1286	35657	2695			15033									
		STD	0150	1216	3552	2698	0011282	0283	15011									
		OBS	0150	1216	35516	2698			15011									
		STD	0200	1088	3537	2711	0010136	0317	14972									
		OBS	0200	1088	35374	2711			14973									
		STD	0250	0953	3520	2721	0009235	0365	14931									
		OBS	0250	0953	35201	2721			14931									
		STD	0300	0839	3512	2733	0008164	0409	14895									
		OBS	0300	0834	35116	2733			14895									
		STD	0400	0643	3501	2752	0006232	0481	14834									
		OBS	0400	0643	35006	2752			14834									
		OBS	04A0	0547	34992	2763			14807									
		STD	0500	0531	3499	2765	0005136	0539	14805									
		OBS	0500	0531	34940	2765			14805									
		STD	0600	0489	3499	2770	0004727	0588	14804									
		OBS	0600	0489	34991	2770			14804									
		STD	0700	0451	3497	2772	0004494	0634	14805									
		OBS	0700	0451	34975	2773			14805									
		STD	0800	0436	3498	2775	0004402	0678	14815									
		OBS	0800	0436	34977	2775			14815									
		STD	0900	0427	3498	2776	0004386	0722	14824									
		OBS	0900	0427	34978	2776			14828									
		STD	1000	0411	3497	2778	0004305	0766	14833									
		OBS	1000	0411	34975	2778			14838									
		STD	1100	0405	3498	2778	0004305	0809	14853									
		OBS	1100	0405	34978	2778			14853									
		STD	1200	0394	3497	2774	0004278	0852	14865									
		OBS	1200	0394	34975	2779			14865									
		STD	1300	0388	3497	2779	0004158	0895	14874									
		OBS	1300	0388	34968	2774			14879									
		STD	1400	0379	3497	2781	0004284	0938	14892									
		OBS	1400	0379	34973	2781			14892									
		STD	1500	0371	3497	2781	0004288	0981	14905									
		OBS	1500	0371	34964	2781			14905									

TABLE H. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 17-20 November 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8028.—Continued

REFERENCE SHIP ID. NO.	SHIP CODE	LATITUDE ° 10'	LONGITUDE ° 10'	MAGNETIC CORRECTION °	STATION TIME (GMT)		YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLING	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER																										
					MO	DAY		CAUSE NO.	STATION NUMBER			DIR	HGT	PER				SEA																									
318028	RC	40134N	064214W	151	04	11	19	145	A53	013	4517	27	5	2	X1	03	0033																										
<table border="1"> <thead> <tr> <th colspan="2">WATER</th> <th colspan="2">WIND</th> <th rowspan="2">BARO- METER (mb)</th> <th colspan="2">AIR TEMP °C</th> <th rowspan="2">VISI- BILITY</th> <th rowspan="2">NO OBS DEPTH</th> <th rowspan="2">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>COLOR CODE</th> <th>TURBID- ITY</th> <th>DIR</th> <th>SPEED OF FORCE</th> <th>DRY BULB</th> <th>WET BULB</th> </tr> </thead> <tbody> <tr> <td>01</td> <td>50</td> <td>27</td> <td>S30</td> <td>026</td> <td>133</td> <td>145</td> <td>7</td> <td>35</td> <td></td> </tr> </tbody> </table>																		WATER		WIND		BARO- METER (mb)	AIR TEMP °C		VISI- BILITY	NO OBS DEPTH	SPECIAL OBSERVATIONS	COLOR CODE	TURBID- ITY	DIR	SPEED OF FORCE	DRY BULB	WET BULB	01	50	27	S30	026	133	145	7	35	
WATER		WIND		BARO- METER (mb)	AIR TEMP °C		VISI- BILITY	NO OBS DEPTH	SPECIAL OBSERVATIONS																																		
COLOR CODE	TURBID- ITY	DIR	SPEED OF FORCE		DRY BULB	WET BULB																																					
01	50	27	S30	026	133	145	7	35																																			
MISSING TIME HR 10'	LAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME AND WALT-RES	SOUND VELOCITY M 10 ³	PO4-P μg-kg ⁻¹	TOTAL-P μg-kg ⁻¹	NO2-N μg-kg ⁻¹	NO3-N μg-kg ⁻¹	SIC-L-5 μg-kg ⁻¹	pH	σ _t																												
	145	STD	0000	16.04	34.64	2548	0025135	0000	15100																																		
		OBS	0000	16.04	34.636	2548			15100																																		
		STD	0010	16.04	34.63	2548	0025174	0025	15104																																		
		OBS	0010	16.04	34.634	2548			15104																																		
	002	OBS	0015	16.19	34.676	2547			15109																																		
		STD	0020	16.19	34.69	2549	0025088	0050	15111																																		
		OBS	0020	16.19	34.695	2549			15111																																		
		OBS	0026	16.27	34.716	2549			15114																																		
		STD	0030	16.60	34.40	2555	0024558	0075	15127																																		
		OBS	0030	16.60	34.897	2555			15127																																		
		OBS	0045	17.49	35.275	2563			15161																																		
		STD	0050	16.51	35.72	2620	0018391	0118	15138																																		
		OBS	0050	16.51	35.725	2620			15138																																		
		OBS	0055	16.78	36.045	2639			15151																																		
		OBS	0065	16.62	36.074	2645			15148																																		
		STD	0075	16.34	36.07	2651	0015549	0160	15141																																		
		OBS	0075	16.34	36.074	2651			15141																																		
		OBS	0085	15.89	36.049	2660			15128																																		
		STD	0100	15.24	35.93	2665	0014312	0197	15104																																		
		OBS	0100	15.24	35.926	2665			15104																																		
		STD	0125	14.34	35.78	2673	0013566	0232	15083																																		
		OBS	0125	14.34	35.779	2673			15083																																		
		STD	0150	13.69	35.72	2682	0014784	0265	15065																																		
		OBS	0150	13.69	35.716	2682			15065																																		
		STD	0200	12.09	35.46	2695	0011688	0326	15016																																		
		OBS	0200	12.09	35.461	2695			15016																																		
		STD	0250	10.34	35.26	2711	0010166	0281	14960																																		
		OBS	0250	10.34	35.258	2711			14960																																		
		STD	0300	08.94	35.15	2727	0008738	0228	14916																																		
		OBS	0300	08.94	35.154	2727			14916																																		
		STD	0400	06.07	34.82	2742	0007224	0508	14817																																		
		OBS	0400	06.07	34.821	2742			14817																																		
		OBS	0420	05.80	34.846	2748			14810																																		
		OBS	0439	06.00	34.877	2746			14821																																		
		OBS	0484	05.39	34.902	2757			14804																																		
		OBS	0495	05.49	34.917	2757			14811																																		
		STD	0500	05.31	34.88	2756	0005977	0574	14803																																		
		OBS	0500	05.31	34.876	2756			14803																																		
		OBS	0505	04.96	34.866	2760			14790																																		
		STD	0600	04.78	34.93	2766	0005069	0629	14799																																		
		OBS	0600	04.78	34.927	2766			14799																																		
		STD	0700	04.68	34.97	2771	0004718	0678	14812																																		
		OBS	0700	04.68	34.972	2771			14812																																		
		STD	0800	04.50	34.99	2775	0004437	0724	14821																																		
		OBS	0800	04.50	34.995	2775			14821																																		
		STD	0900	04.30	34.98	2776	0004401	0768	14830																																		
		OBS	0900	04.30	34.981	2776			14830																																		
		STD	1000	04.16	34.98	2777	0004353	0812	14840																																		
		OBS	1000	04.16	34.977	2777			14840																																		
		STD	1100	04.08	34.98	2778	0004334	0855	14854																																		
		OBS	1100	04.08	34.978	2778			14854																																		
		STD	1200	03.94	34.97	2779	0004345	0899	14864																																		
		OBS	1200	03.94	34.966	2779			14864																																		
		STD	1300	03.40	34.97	2780	0004336	0942	14880																																		
		OBS	1300	03.90	34.973	2780			14880																																		
		STD	1400	03.84	34.97	2780	0004362	0986	14894																																		
		OBS	1400	03.84	34.971	2780			14894																																		
		STD	1500	03.75	34.98	2781	0004294	1029	14907																																		
		OBS	1500	03.75	34.976	2781			14907																																		

TABLE II. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 17-20 November 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8028.—Continued

REFERENCE CRUISE FOOT	SHIP CODE	LATITUDE ° / 10'	LONGITUDE ° / 10'	MARKSDEN SQUARE	STATION TIME (GMT)				YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	WAVE OBSERVATIONS	WEA- THER CODE	STATION NUMBER		
					MO	DAY	HR	10'		CRUISE NO.	STATION NUMBER						
318028	RC	40 38' N	05 43' W	151	U4	11	19	176	1967	A53	014	4133	28 5 13	X1	0034		
				WATER		WIND		BARO- METER		AIR TEMP. °C		NO. OBS. DEPTH		SPECIAL OBSERVATIONS			
				COLOR CODE		TRANS- DIR		METER (MSB)		DRY BULB		WET BULB		WV CODE			
				DT		SD		28		532		005		128			
MISSING TIME HR 10'		CASE NO.		CARD TYPE		DEPTH (m)		T °C		S ‰		SIGMA-T		SPECIFIC VOLUME ANOMALY (10 ³)		SOUND VELOCITY	
				STD		0000		2108		3614		2536		0026478		0000	
				OBS		0000		2108		36138		2536					
				STD		0010		2109		3613		2535		0026470		0026	
				OBS		0010		2109		36135		2535					
				STD		0020		2119		3613		2535		0026467		0052	
				OBS		0020		2109		36135		2535					
				STD		0030		2129		3613		2535		0026445		0079	
				OBS		0030		2109		36134		2535					
				OBS		0044		1872		35515		2550					
				STD		0050		2009		3641		2563		0021935		0127	
				OBS		0050		2009		36413		2583					
				OBS		0060		1989		36354		2564					
				STD		0075		1569		3562		2631		0017458		0176	
				OBS		0075		1569		35616		2631					
				OBS		0080		1448		35456		2645					
				STD		0100		1500		3589		2667		0014991		0416	
				OBS		0100		1400		35886		2667					
				STD		0125		1420		3576		2675		0017437		0450	
				OBS		0125		1420		35758		2675					
				OBS		0130		1384		35761		2683					
				STD		0150		1301		3578		2683		0017445		0283	
				OBS		0150		1301		35781		2683					
				STD		0200		1263		3565		2694		0011410		0343	
				OBS		0200		1263		35653		2699					
				STD		0250		1123		3541		2707		0010587		0348	
				OBS		0250		1123		35415		2707					
				STD		0300		1022		3528		2716		0009876		0449	
				OBS		0300		1022		35285		2716					
				STD		0400		0759		3507		2741		0007510		0536	
				OBS		0400		0759		35067		2741					
				STD		0500		0611		3507		2756		000697		0604	
				OBS		0500		0611		35001		2756					
				STD		0600		0509		3497		2766		0004158		0600	
				OBS		0600		0509		34966		2766					
				STD		0700		0458		3494		2772		0004173		0709	
				OBS		0700		0458		34981		2772					
				STD		0800		0441		3498		2775		0004401		0754	
				OBS		0800		0441		34982		2775					
				STD		0900		0425		3498		2776		0004373		0798	
				OBS		0900		0425		34976		2776					
				STD		1000		0413		3497		2777		0004316		0841	
				OBS		1000		0413		34974		2777					
				STD		1100		0404		3498		2778		0004300		0885	
				OBS		1100		0404		34976		2778					
				STD		1200		0388		3498		2775		0004325		0928	
				OBS		1200		0388		34976		2775					
				STD		1300		0384		3497		2780		0004310		0971	
				OBS		1300		0384		34966		2780					
				STD		1400		0360		3496		2781		0004350		1014	
				OBS		1400		0360		34964		2780					
				STD		1500		0369		3496		2781		0004310		1058	
				OBS		1500		0369		34961		2781					

TABLE II. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 17-20 November 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8028.—Continued

REFERENCE CIRCUIT NO.	SHIP CODE	LATITUDE °/10'	LONGITUDE °/10'	STATION NO.	MOON SQUARE			STATION TIME (GMT)		YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	SAL. DEPTH OF SAMPLE	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER
					10'	1'	NO.	NO.	DAY		HR	10'			NO.	STATION NUMBER	DIR.			
318028	RC	41040N	064590W	151	14	11	19	216	1967	A53	015	3438	28	5	3		X1	0	3	0035
					WATER		WIND		AIR TEMP °C			NO. OF SPECIAL OBSERVATIONS								
					COLOR CODE	TEMP. (°C)	DIR. (°)	SPEED (KTS)	BARO- METER (INCH)	DRY BULB	WET BULB	VIL CODE	SPECIAL OBSERVATIONS							
					DT	SD	ZR	SSA	OOB	125	103	7	42							
MISSENGER TIME HR 1/10	CASE NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SP. COND. ANOMALY-σ _t	Σ Δ σ DTY. SAL. ‰ 10 ³	SOUND VELOCITY	O ₂ (M/L)	PO ₄ -P μg - d/l	TOTAL-P μg - d/l	NO ₃ -N μg - d/l	NO ₃ -N μg - d/l	SiO ₄ -Si μg - d/l	PH	S CC			
		STD	0000	12.19	3353	2543		0025579	0000								14963			
	216	OBS	0000	12.19	33527	2543											14963			
		STD	0010	12.21	3353	2543		0025648	0025								14965			
		OBS	0010	12.21	33526	2543											14965			
		STD	0020	12.19	3352	2543		0025645	0051								14966			
	004	OBS	0020	12.19	33525	2543											14966			
		OBS	0026	12.18	33524	2543											14967			
		STD	0030	12.19	3355	2547		0025296	0076								14964			
		OBS	0040	12.09	33551	2547											14964			
		STD	0050	0774	3299	2576		0022518	0124								14801			
		OBS	0050	0774	32995	2576											14801			
		OBS	0069	0548	33125	2616											14716			
		OBS	0071	0575	33296	2626											14730			
		STD	0075	0554	3336	2633		0017081	0174								14723			
		OBS	0075	0554	33356	2633											14723			
		OBS	0080	0525	33356	2637											14712			
		STD	0100	0633	3418	2680		0012715	0411								14703			
		OBS	0100	0633	34176	2680											14703			
		OBS	0107	0848	34427	2677											14858			
		OBS	0116	0629	34281	2687											14772			
		STD	0125	0628	3431	2699		0010938	0440								14773			
		OBS	0125	0628	34307	2699											14773			
		STD	0150	0676	3451	2708		0010037	0267								14799			
		OBS	0150	0676	34517	2708											14799			
		OBS	0165	0677	34505	2708											14802			
		OBS	0186	0729	34666	2714											14828			
		STD	0200	0909	3502	2714		0009796	0316								14903			
		OBS	0200	0909	35016	2714											14903			
		OBS	0204	0924	35196	2725											14912			
		OBS	0229	0862	35066	2725											14891			
		STD	0250	0679	3475	2728		0008450	0362								14820			
		OBS	0250	0679	34755	2728											14820			
		OBS	0253	0672	34761	2729											14818			
		OBS	0265	0704	3496	2740											14837			
		OBS	0280	0643	34847	2740											14812			
		OBS	0288	0662	34875	2739											14821			
		STD	0300	0649	3486	2741		0007311	0401								14818			
		OBS	0300	0649	34865	2740											14818			
		OBS	0328	0590	34876	2749											14799			
		OBS	0350	0589	34936	2751											14803			
		OBS	0390	0523	34861	2756											14762			
		STD	0400	0521	3486	2756		0005883	0467								14783			
		OBS	0400	0521	34856	2756											14783			
		OBS	0422	0519	34895	2759											14786			
		STD	0500	0488	3491	2764		0005115	0523								14786			
		OBS	0500	0488	34917	2764											14786			
		STD	0600	0449	3494	2771		0009617	0272								14787			
		OBS	0600	0449	34941	2771											14787			
		STD	0700	0440	3495	2772		0004473	0618								14801			
		OBS	0700	0440	34946	2772											14800			
		STD	0800	0419	3495	2774		0004422	0663								14808			
		OBS	0800	0419	34946	2774											14808			
		STD	0900	0415	3496	2776		0004496	0707								14823			
		OBS	0900	0415	34956	2776											14823			
		STD	1000	0418	3496	2777		0004434	0751								14837			
		OBS	1000	0418	34957	2777											14837			
		STD	1100	0399	3496	2777		0004495	0799								14851			
		OBS	1100	0399	34956	2777											14850			
		STD	1200	0389	3496	2778		0004361	0839								14862			
		OBS	1200	0389	34955	2778											14862			
		STD	1300	0380	3496	2779		0004333	0882								14875			
		OBS	1300	0380	34956	2779											14875			
		STD	1400	0372	3496	2780		0004313	0926								14889			
		OBS	1400	0372	34957	2780											14889			
		STD	1500	0367	3496	2781		0004351	0969								14904			
		OBS	1500	0367	34958	2781											14904			

TABLE II. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 17-20 November 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8028.—Continued

REFERENCE		SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	WARSOM SQUARE 10° 1'	STATION TIME (GMT)				YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	WAVE DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEATHER CODE	CLOUD CODES	NODC STATION NUMBER
CRUISE NO.	ID. NO.					MO	DAY	HR.	1/10		CRUISE NO.	STATION NUMBER			DIR	HGT	PER			
518028		RC	41305N	065182W	151	15	11	20	016	1967	A53	016	2611	29	6	3	X1	013	0036	
WATER COLOR CODE		WIND DIRECTION		WIND SPEED (KNOTS)		BAROMETER (MB)		AIR TEMP. °C		VIS CODE		NO. OBS. DEPTHS		SPECIAL OBSERVATIONS						
DT		SD		S35		019		096 068		7		27								
MISSION TIME HR 1/10	CAS NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-20°	$\Sigma \Delta D$ DYN CM X 10 ³	SOUND VELOCITY	O ₂ (ml/l)	PO ₄ -P (µg-at/l)	TOTAL-N (µg-at/l)	NO ₂ -N (µg-at/l)	NO ₃ -N (µg-at/l)	SI-O ₄ -S (µg-at/l)	pH	SIC			
016		STD	0000	12.34	33.33	25.25	0027330	0000	14965											
		OBS	0000	12.34	33.326	25.25			14965											
		OBS	0005	12.34	33.327	25.25			14966											
		STD	0010	12.97	33.62	25.35	0026393	0026	14992											
002		OBS	0010	12.97	33.616	25.35			14992											
		STD	0020	13.28	33.96	25.55	0024452	0052	15008											
		OBS	0020	13.28	33.964	25.55			15008											
		STD	0030	13.37	34.50	25.56	0024415	0076	15013											
		OBS	0030	13.37	33.995	25.56			15013											
		OBS	0040	11.09	34.026	26.02			14937											
		STD	0050	07.24	33.55	26.27	0017679	0118	14789											
		OBS	0050	07.24	33.554	26.27			14789											
		OBS	0059	06.71	33.556	26.34			14770											
		STD	0075	07.08	34.15	26.76	0013095	0157	14795											
		OBS	0075	07.08	34.146	26.76			14795											
		STD	0100	07.78	34.56	26.98	0011037	0187	14831											
		OBS	0100	07.78	34.558	26.98			14831											
		STD	0125	08.17	34.72	27.05	0010455	0214	14853											
		OBS	0125	08.17	34.725	27.05			14853											
		STD	0150	07.96	34.63	27.14	0009569	0239	14850											
		OBS	0150	07.96	34.601	27.14			14850											
		STD	0200	07.54	34.31	27.28	0008361	0284	14843											
		OBS	0200	07.54	34.896	27.28			14843											
		STD	0250	06.57	34.85	27.38	0007411	0323	14813											
		OBS	0250	06.57	34.854	27.38			14813											
		STD	0200	05.81	34.80	27.49	0006438	0358	14791											
		OBS	0200	05.81	34.854	27.49			14791											
		STD	0300	05.17	34.90	27.59	0005535	0418	14782											
		OBS	0300	05.17	34.896	27.59			14782											
		STD	0300	04.81	34.92	27.67	0004925	0470	14784											
		OBS	0300	04.81	34.935	27.67			14784											
		STD	0600	04.53	34.94	27.70	0004642	0518	14791											
		OBS	0600	04.53	34.945	27.70			14791											
		STD	0700	04.68	34.96	27.72	0004546	0564	14804											
		OBS	0700	04.68	34.956	27.72			14804											
		STD	0800	04.42	34.97	27.74	0004484	0610	14818											
		OBS	0800	04.42	34.975	27.74			14818											
		STD	0900	04.18	34.97	27.77	0004305	0654	14825											
		OBS	0900	04.18	34.974	27.77			14825											
		STD	1000	04.15	34.97	27.78	0004264	0697	14836											
		OBS	1000	04.15	34.971	27.78			14836											
		STD	1100	03.99	34.97	27.79	0004261	0739	14850											
		OBS	1100	03.99	34.974	27.79			14850											
		STD	1200	03.89	34.97	27.80	0004246	0782	14862											
		OBS	1200	03.89	34.971	27.80			14862											
		STD	1300	03.81	34.96	27.80	0004283	0824	14876											
		OBS	1300	03.81	34.965	27.80			14876											
		STD	1400	03.78	34.97	27.81	0004316	0867	14891											
		OBS	1400	03.78	34.961	27.81			14891											
		STD	1500	03.69	34.97	27.81	0004255	0910	14904											
		OBS	1500	03.69	34.971	27.81			14904											

TABLE III. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 15-18 December 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8033.—Continued

REFERENCE CRUISE CODE	SHIP CODE	LATITUDE °	LONGITUDE °	MO	DAY	HR	YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLE	WAVE OBSERVATIONS			WEA- TYPE CODE	CLOUD CODES	NODC STATION NUMBER
								STATION NUMBER	STATION NUMBER			DIR	PERIOD	SEA			
318033	PC	36°34'N	060°07'W	11	20	17	1967	AS4	003	4533		28	13		52	0 3	0003
				WATER		WIND		BARO- METER		AIR TEMP °C		VI		NO. OBS. DEPTH		SPECIAL OBSERVATIONS	
				COLD CODE		TRANS. DIR		SPEED OR FORCE		DRY BULB		WET BULB					
				SD		SD		SD		SD		SD					
MISSING TIME HP, 1-10	CASE NO	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY- σ_t	$\Sigma \Delta D$ DYN. M x 10 ³	SOUND VELOCITY	D ₂ (m/s)	FD ₂ -P g x 10 ⁻¹¹	TOTAL-P g x 10 ⁻¹¹	NO ₂ -N g x 10 ⁻¹¹	NO ₃ -N g x 10 ⁻¹¹	SiO ₄ -S g x 10 ⁻¹¹	pH	S C
		STD	0000	2188	3643	2536	0026260	0000	15288								
		OBS	0000	2188	3643	2536			15288								
		STD	0010	2188	3643	2536	0026416	0026	15284								
		OBS	0010	2188	3643	2536			15284								
		STD	0020	2188	3643	2536	0026455	0052	15291								
	003	OBS	0020	2188	3643	2536			15291								
		STD	0030	2188	3643	2536	0026473	0079	15297								
		OBS	0030	2188	3643	2536			15297								
		STD	0040	2188	3643	2535	0026496	0131	15296								
		OBS	0050	2188	3643	2535			15296								
		STD	0075	2190	3643	2535	0026713	0198	15311								
		OBS	0075	2190	3643	2535			15311								
		STD	0100	2192	3643	2535	0026764	0265	15305								
		OBS	0100	2192	3643	2535			15305								
		STD	0125	2193	3643	2534	0026887	0332	15311								
		OBS	0125	2193	3643	2534			15310								
		STD	0140	2193	3650	2539	0026512	0398	15314								
		OBS	0140	2193	3649	2539			15314								
		OBS	0143	2172	36634	2544			15312								
		OBS	0174	1987	36597	2603			15266								
		STD	0200	1937	3657	2619	0019929	0514	15255								
		OBS	0200	1937	36574	2615			15251								
		STD	0240	1841	3667	2629	0018441	0618	15251								
		OBS	0250	1891	36594	2629			15251								
		OBS	0244	1871	36557	2631			15251								
		STD	0300	1847	3654	2635	0017414	0644	15246								
		OBS	0300	1847	36537	2635			15246								
		STD	0400	1774	3647	2648	0016794	0874	15241								
		OBS	0400	1774	36464	2648			15241								
		STD	0500	1717	3638	2655	0016649	104	15235								
		OBS	0500	1717	36376	2655			15235								
		OBS	0513	1712	36357	2654			15247								
		OBS	0545	1637	36237	2661			15222								
		OBS	0571	1635	36216	2662			15224								
		STD	0600	1565	3605	2666	0015751	1204	15236								
		OBS	0600	1565	36062	2666			15236								
		STD	0700	1342	3570	2687	0013884	1352	15146								
		OBS	0700	1342	35698	2687			15146								
		OBS	0721	1244	35547	2698			15116								
		OBS	0742	1226	35546	2698			15112								
		STD	0800	1078	3534	2710	0011652	1479	15068								
		OBS	0800	1078	35338	2710			15068								
		STD	0900	0782	3502	2733	0039077	1583	14971								
		OBS	0900	0782	35017	2733			14971								
		OBS	0915	0780	35047	2736			14973								
		STD	1000	0638	3498	2751	0007302	1665	14951								
		OBS	1000	0638	34983	2751			14931								
		STD	1100	0528	3494	2765	0015878	1731	14903								
		OBS	1100	0524	34942	2765			14903								
		STD	1200	0477	3478	2771	0035290	1786	14895								
		OBS	1200	0477	34944	2771			14899								
		STD	1300	0449	3498	2774	0005066	1838	14914								
		OBS	1300	0449	34974	2774			14914								
		STD	1400	0428	3497	2775	0004457	1888	14912								
		OBS	1400	0428	34966	2775			14912								
		STD	1500	0416	3496	2776	0004431	1948	14924								
		OBS	1500	0416	34963	2776			14924								

TABLE III. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 15-18 December 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8033.—Continued

REFERENCE CRUISE ID CODE NO	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	S E E	WARDEN SQUARE			STATION TIME (GMT)		YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	WAL DEPTH OF SAMPLE	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODE	NODC STATION NUMBER		
					10'	11'	12'	MO	DAY		HR:10	CRUISE NO			STATION NUMBER	DIR	PERCENT				SEA	
318033	RC	37102N	061462W	115	71	17	16	144	1967	A54	006	4892		32	8	3		X6	0	3	0006	
					WATER		WIND		BARO-		AIR TEMP °C			NO. OBS.		SPECIAL						
					COND	TRNSP	DIL.	SPED	OR	FORCE	METER	DRY	WET	WIL	CODE	DEPTHS	OBSERVATIONS					
					DT	SD	32	540	908	089	080	47										
MESSING TIME HR 1/10	CAST NO	CARD TYPE	DEPTH (M)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY- σ_{θ}		$\Sigma \Delta D$ DIN. W x 10 ²	SOUND VELOCITY	O ₂ (M/1)	PO ₄ -P µg-at/l	TOTAL-P µg-at/l	NO ₃ -N µg-at/l	NO ₂ -N µg-at/l	SiO ₄ -Si µg-at/l	PH	3 C C				
		STD	0000	2244	3643	2520	0027793	0000		15302												
		OBS	0000	2244	36429	2520				15302												
		STD	0010	2245	3643	2520	0027859	0027		15304												
		OBS	0010	2245	36420	2520				15304												
		STD	0020	2245	3643	2519	0027907	0055		15306												
	004	OBS	0020	2245	36428	2519				15306												
		STD	0030	2245	3643	2519	0027956	0083		15307												
		OBS	0030	2245	36427	2519				15307												
		STD	0050	2232	3641	2521	0027824	0139		15307												
		OBS	0050	2232	36407	2521				15307												
		OBS	0058	2195	36322	2525				15298												
		STD	0075	2186	3634	2530	0027156	0208		15299												
		OBS	0075	2186	36342	2530				15299												
		STD	0100	2188	3652	2542	0026039	0274		15305												
		OBS	0100	2188	36517	2542				15305												
		OBS	0110	2194	36725	2556				15311												
		STD	0125	2147	3674	2570	0023450	0336		15301												
		OBS	0125	2147	36738	2570				15301												
		STD	0150	2024	3665	2597	0023963	0392		15272												
		OBS	0150	2024	36651	2597				15272												
		OBS	0170	1954	36627	2614				15256												
		STD	0200	1898	3661	2627	0018678	0490		15245												
		OBS	0200	1898	36610	2627				15245												
		STD	0250	1872	3659	2633	0017961	0580		15246												
		OBS	0250	1872	36591	2633				15246												
		STD	0300	1828	3655	2641	0017334	0669		15241												
		OBS	0300	1828	36554	2641				15241												
		STD	0400	1773	3648	2649	0016692	0840		15240												
		OBS	0400	1773	36479	2649				15240												
		STD	0500	1729	3641	2654	0016676	1007		15243												
		OBS	0500	1729	36411	2654				15243												
		OBS	0549	1700	36338	2656				15242												
		OBS	0571	1682	36299	2657				15240												
		STD	0600	1615	3618	2664	0016041	1171		15223												
		OBS	0600	1615	36178	2664				15223												
		OBS	0678	1457	35896	2677				15183												
		OBS	0683	1417	35847	2682				15170												
		STD	0700	1409	3584	2683	0014267	1323		15170												
		OBS	0700	1409	35838	2683				15170												
		OBS	0738	1367	35747	2685				15161												
		STD	0800	1097	3531	2704	0012175	1455		15074												
		OBS	0800	1097	35304	2704				15074												
		OBS	0803	1076	35315	2738				15067												
		OBS	0813	1072	35339	2711				15068												
		OBS	0828	0987	35216	2716				15038												
		OBS	0847	0970	35197	2718				15035												
		OBS	0867	0811	34988	2727				14976												
		OBS	0890	0787	34968	2729				14970												
		STD	0900	0747	3489	2729	0009437	1563		14956												
		OBS	0900	0747	34894	2729				14956												
		OBS	0912	0707	34895	2735				14942												
		OBS	0942	0685	34946	2742				14939												
		OBS	0947	0706	34987	2742				14949												
		OBS	0965	0697	34967	2741				14949												
		OBS	0970	0668	34965	2746				14937												
		OBS	0990	0656	34973	2746				14936												
		STD	1000	0629	3497	2751	0007247	1646		14927												
		OBS	1000	0629	34972	2751				14927												
		OBS	1020	0596	34978	2756				14917												
		OBS	1040	0594	34975	2756				14920												
		OBS	1068	0542	34945	2762				14903												
		STD	1100	0529	3496	2763	0006031	1713		14903												
		OBS	1100	0529	34963	2763				14903												
		STD	1200	0497	3498	2768	0005602	1771		14907												
		OBS	1200	0497	34978	2768				14907												
		STD	1300	0458	3498	2772	0005170	1825		14908												
		OBS	1300	0458	34982	2773				14908												
		STD	1400	0443	3493	2776	0004971	1875		14919												
		OBS	1400	0443	34993	2776				14919												
		STD	1500	0425	3499	2778	0004831	1924		14928												
		OBS	1500	0425	34993	2778				14928												

TABLE III. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 15-18 December 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8033.—Continued

REFERENCE CRUISE NO. NO.	SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	MARS SQUAD	STATION TIME GMT			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES TYPE (ACT)	NODC STATION NUMBER	
					TO	MO	DAY		HR	MIN			SEC	CRUISE NO.	STATION NUMBER				DIR
318033	RC	37300N	061555W	115	71	12	16	183	1967	A54	007	4901		32	8	13	A2	013	0007
				WATER		WIND		BARG- METER		AIR TEMP °C		NO OBS DEPTH		SPECIAL OBSERVATIONS					
				COLOR	TRANSP	DIR	SPEED OF FORCE	BARO- METER	DRY BULB	WET BULB	VS CODE								
				DT	SD	32	S35	913	089	057	43								
MESSAGE TIME HR 1/10	CAST NO.	CARD TYPE	DEPTH (M)	T °C	S ‰	SIGMA-t	S P E C I F I C V O L U M E A N O M A L Y * 10 ³		Σ Δ D O Y N M X 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg-at/l	NO ₃ -N μg-at/l	NO ₂ -N μg-at/l	SIO ₄ -Si μg-at/l	pH	χ C C		
		STD	0000	2207	3633	2523	0027493		0000	15292									
		OBS	0000	2207	36332	2523				15292									
		STD	0010	2207	3633	2523	0027532		0027	15293									
		OBS	0010	2207	36333	2523				15293									
		STD	0020	2207	3633	2523	0027589		0045	15295									
		OBS	0020	2207	36330	2523				15295									
		STD	0030	2207	3633	2523	0027628		0082	15296									
		OBS	0030	2207	36330	2523				15296									
		STD	0050	2207	3633	2523	0027705		0138	15300									
		OBS	0050	2207	36330	2523				15300									
		OBS	0068	2207	36337	2523				15303									
		STD	0075	2216	3634	2536	0026552		0405	15308									
		OBS	0075	2216	36537	2536				15308									
		OBS	0087	2212	36588	2541				15311									
		STD	0100	2149	3663	2562	0024196		0469	15296									
		OBS	0100	2149	36629	2562				15296									
		OBS	0112	2097	36645	2577				15285									
		STD	0125	2078	3666	2583	0022217		0327	15281									
		OBS	0125	2078	36658	2583				15282									
		STD	0150	2032	3666	2596	0021136		0381	15274									
		OBS	0150	2032	36656	2596				15274									
		STD	0200	1919	3658	2620	0018388		0481	15276									
		OBS	0200	1919	36584	2620				15276									
		STD	0250	1861	3654	2631	0018083		0574	15242									
		OBS	0250	1861	36537	2631				15242									
		STD	0300	1797	3648	2643	0017140		0662	15231									
		OBS	0300	1797	36477	2643				15231									
		OBS	0369	1725	36352	2651				15220									
		STD	0400	1721	3639	2655	0016322		0829	15224									
		OBS	0400	1721	36384	2655				15224									
		OBS	0415	1719	36387	2655				15226									
		OBS	0460	1585	36111	2665				15190									
		STD	0500	1548	3606	2671	0015100		0986	15184									
		OBS	0500	1548	36057	2671				15184									
		OBS	0565	1417	35817	2680				15150									
		OBS	0581	1407	35838	2684				15153									
		STD	0600	1326	3569	2689	0013372		1129	15124									
		OBS	0600	1326	35687	2689				15124									
		OBS	0621	1336	35677	2692				15121									
		OBS	0629	1270	35617	2695				15110									
		OBS	0644	1258	35611	2697				15108									
		OBS	0690	1007	35218	2713				15003									
		STD	0700	0978	3521	2718	0012449		1446	15014									
		OBS	0700	0978	35215	2718				15014									
		OBS	0764	0866	35099	2727				14981									
		OBS	0770	0831	35096	2732				14969									
		STD	0800	0770	3501	2734	0008800		1345	14949									
		OBS	0800	0770	35006	2734				14949									
		OBS	0827	0708	34484	2742				14930									
		STD	0900	0577	3498	2758	0005344		1420	14890									
		OBS	0900	0577	34977	2758				14890									
		STD	1000	0507	3497	2767	0005551		1480	14878									
		OBS	1000	0507	34972	2767				14878									
		STD	1100	0467	3495	2765	0005307		1534	14878									
		OBS	1100	0467	34949	2769				14878									
		OBS	1182	0452	34972	2773				14886									
		OBS	1183	0462	34986	2773				14890									
		STD	1200	0459	3498	2773	0005048		1586	14842									
		OBS	1200	0459	34977	2773				14842									
		OBS	1205	0457	34971	2772				14891									
		OBS	1211	0440	34960	2773				14885									
		OBS	1224	0452	34988	2774				14893									
		STD	1300	0442	3499	2776	0004868		1636	14901									
		OBS	1300	0442	34992	2776				14901									
		OBS	1370	0428	34987	2777				14937									

TABLE III. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 15-18 December 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8033.—Continued

REFERENCE CRUISE NO.	SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	M/P CODE	M/P/S DEN SQUARE			STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLE	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER																																
					10'	10'	10'	MO	DAY	HR. 1/10		CRUISE NO.	STATION NUMBER			DR	HGT	PER				SEA																															
318033	RL	37°40N	062100W	115	72	12	16	430	1967	A54	008	4216	32	5	2	1	0	3			0008																																
<table border="1"> <thead> <tr> <th colspan="2">WATER</th> <th colspan="3">WIND</th> <th colspan="2">RADAR</th> <th colspan="2">AIR TEMP °C</th> <th colspan="2">NO. OBS DEPTHS</th> <th rowspan="3">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>COND CODE</th> <th>TRANS (M)</th> <th>DIR</th> <th>SPEED OF FORCE</th> <th>METER</th> <th>DRY BULB</th> <th>WET BULB</th> <th>VIS CODE</th> <th colspan="2"></th> </tr> <tr> <th>DT</th> <th>SD</th> <th>3Z</th> <th>S30</th> <th>938</th> <th>089</th> <th>049</th> <th></th> <th colspan="2">37</th> </tr> </thead> </table>																						WATER		WIND			RADAR		AIR TEMP °C		NO. OBS DEPTHS		SPECIAL OBSERVATIONS	COND CODE	TRANS (M)	DIR	SPEED OF FORCE	METER	DRY BULB	WET BULB	VIS CODE			DT	SD	3Z	S30	938	089	049		37	
WATER		WIND			RADAR		AIR TEMP °C		NO. OBS DEPTHS		SPECIAL OBSERVATIONS																																										
COND CODE	TRANS (M)	DIR	SPEED OF FORCE	METER	DRY BULB	WET BULB	VIS CODE																																														
DT	SD	3Z	S30	938	089	049		37																																													
MESSING TIME HR. 1/10		CASST NO.	CARD TYPE	DEPTH (M)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-10 ³	S. Δ D DYN M x 10 ³	SOUND VELOCITY	O ₂ M-1	PO ₄ -P μM	TOTAL-N μM	NO ₂ -N μM	NO ₃ -N μM	SiO ₄ -S μM	pH	σ _t C																																			
233			STD	0000	1510	3517	2610	0019189	0000	15074																																											
			OBS	0000	1510	35175	2610			15079																																											
			STD	0010	1508	3517	2611	0019183	0019	15080																																											
			OBS	0010	1508	35174	2611			15080																																											
			STD	0020	1506	3517	2611	0019222	0038	15081																																											
			OBS	0020	1506	35167	2611			15081																																											
			STD	0030	1506	3517	2611	0019243	0057	15083																																											
			OBS	0030	1506	35168	2611			15083																																											
			STD	0050	1511	3518	2610	0019348	0096	15088																																											
			OBS	0050	1511	35177	2610			15088																																											
			STD	0075	1515	3519	2610	0019432	0144	15093																																											
			OBS	0075	1515	35187	2610			15093																																											
			STD	0100	1540	3531	2614	0019122	0192	15107																																											
			OBS	0100	1540	35313	2614			15107																																											
			STD	0125	1583	3543	2613	0019297	0240	15126																																											
			OBS	0125	1583	35427	2613			15126																																											
			STD	0150	1591	3550	2617	0019047	0288	15133																																											
			OBS	0150	1591	35496	2617			15133																																											
			STD	0171	1590	35789	2639			15140																																											
			OBS	0171	1529	35782	2653			15122																																											
			STD	0200	1517	3585	2661	0019023	0374	15122																																											
			OBS	0200	1517	35849	2661			15122																																											
			STD	0235	1337	35655	2694			15068																																											
			OBS	0235	1337	3565	2686	0012698	0443	15059																																											
			STD	0250	1317	35597	2686			15059																																											
			OBS	0250	1227	3552	2696	0011873	0504	15040																																											
			STD	0300	1227	35517	2696			15040																																											
			OBS	0300	1177	35342	2705			15007																																											
			STD	0326	1150	35283	2710			14987																																											
			OBS	0326	1007	3524	2715	0010176	0615	14975																																											
			STD	0400	1007	35240	2715			14975																																											
			OBS	0420	0962	35189	2718			14961																																											
			STD	0452	0925	35167	2723			14954																																											
			OBS	0500	0779	3496	2730	0008735	0719	14913																																											
			STD	0500	0779	34965	2730			14903																																											
			OBS	0510	0769	35037	2735			14901																																											
			STD	0520	0779	35042	2736			14907																																											
			OBS	0541	0686	35009	2747			14881																																											
			STD	0542	0668	34997	2748			14874																																											
			OBS	0600	0656	35006	2750	0006807	0787	14872																																											
			STD	0630	0619	34996	2755			14865																																											
			OBS	0658	0582	34972	2757			14852																																											
			STD	0730	0550	3497	2761	0005771	085	14846																																											
			OBS	0700	0550	34971	2761			14846																																											
			STD	0800	0458	3497	2768	0005186	0704	14841																																											
			OBS	0800	0458	34975	2768			14841																																											
			STD	0830	0446	3497	2774	0004558	0754	14836																																											
			OBS	0900	0446	34972	2774			14836																																											
			STD	1000	0428	3498	2776	0004505	0799	14845																																											
			OBS	1000	0428	34977	2776			14845																																											
			STD	1100	0416	3498	2777	0004448	1044	14857																																											
			OBS	1100	0416	34977	2777			14857																																											
			STD	1200	0407	3497	2778	0004448	1089	14870																																											
			OBS	1200	0407	34975	2778			14870																																											
			STD	1300	0339	3497	2779	0004445	1133	14883																																											
			OBS	1300	0349	34973	2779			14883																																											
			STD	1400	0387	3497	2780	0004416	1176	14895																																											
			OBS	1400	0387	34969	2780			14895																																											
			STD	1407	0387	34972	2780			14911																																											

TABLE III. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 15-18 December 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8033. —Continued

REFERENCE CITY CODE	SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	MARSDEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPL'S	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES		NODC STATION NUMBER																										
					TO	MO	DAY		HR.	CRUISE NO.			STATION NUMBER	DIR.	NG		PER	SEA		TR	AWT																								
318033	RC	38355N	062545W	115	82	12	17	070	1967	A54	010	4883		31	5	3	X1	0	3	0010																									
<table border="1"> <thead> <tr> <th colspan="2">WATER</th> <th colspan="2">WIND</th> <th rowspan="2">BARO- METER (mb)</th> <th colspan="2">AIR TEMP. °C</th> <th rowspan="2">VIS CODE</th> <th rowspan="2">NO. OBS DEPTHS</th> <th rowspan="2">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>COLOR CODE</th> <th>TEMP. (°C)</th> <th>DIR.</th> <th>SPEED OF FORCE</th> <th>DEW BULB</th> <th>WET BULB</th> </tr> </thead> <tbody> <tr> <td>OT</td> <td>SD</td> <td>32</td> <td>535</td> <td>971</td> <td>073</td> <td>050</td> <td>7</td> <td>27</td> <td></td> </tr> </tbody> </table>																				WATER		WIND		BARO- METER (mb)	AIR TEMP. °C		VIS CODE	NO. OBS DEPTHS	SPECIAL OBSERVATIONS	COLOR CODE	TEMP. (°C)	DIR.	SPEED OF FORCE	DEW BULB	WET BULB	OT	SD	32	535	971	073	050	7	27	
WATER		WIND		BARO- METER (mb)	AIR TEMP. °C		VIS CODE	NO. OBS DEPTHS	SPECIAL OBSERVATIONS																																				
COLOR CODE	TEMP. (°C)	DIR.	SPEED OF FORCE		DEW BULB	WET BULB																																							
OT	SD	32	535	971	073	050	7	27																																					
MESSNGR TIME HR 1/10	CAST NO	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY-20°C	SOUND VELOCITY X 10 ³	O ₂ ml/l	PO ₄ -P µg - ml/l	TOTAL-N µg - ml/l	NO ₃ -N µg - ml/l	NO ₂ -N µg - ml/l	SiO ₄ -Si µg - ml/l	pH	S C																													
070		ST0	0000	1567	3543	2612	0018990	0000	15106																																				
		OBS	0000	1587	35427	2612			15106																																				
		ST0	0010	1587	3543	2612	0019030	0019	15108																																				
		OBS	0010	1587	35426	2612			15108																																				
		ST0	0020	1587	3543	2612	0019071	0038	15110																																				
		OBS	0020	1587	35425	2612			15110																																				
		ST0	0030	1587	3542	2612	0019102	0057	15111																																				
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		ST0	0050	1587	3543	2612	0019155	0045	15115																																				
		OBS	0050	1587	35426	2612			15115																																				
		ST0	0070	1592	3546	2612	0019225	0143	15120																																				
		OBS	0070	1592	35442	2612			15120																																				
		OBS	0085	1626	35837	2635			15137																																				
		ST0	0100	1597	3607	2659	0014866	0186	15134																																				
		OBS	0100	1597	36067	2659			15134																																				
		OBS	0113	1594	36075	2661			15135																																				
		ST0	0125	1494	3593	2672	0013742	0221	15104																																				
		OBS	0125	1494	35927	2672			15104																																				
		ST0	0150	1448	3588	2678	0013219	0255	15093																																				
		OBS	0150	1448	35877	2678			15093																																				
		ST0	0200	1373	3576	2685	0012684	0320	15075																																				
		OBS	0200	1373	35759	2685			15075																																				
		ST0	0250	1202	3546	2696	0011714	0381	15022																																				
		OBS	0250	1202	35457	2696			15022																																				
		ST0	0300	1073	3530	2707	0010670	0437	14983																																				
		OBS	0300	1073	35297	2707			14983																																				
		OBS	0365	0939	35187	2722			14942																																				
		ST0	0400	0761	3497	2733	0008222	0531	14880																																				
		OBS	0400	0761	34975	2733			14880																																				
		ST0	0500	0612	3497	2753	0006348	0604	14837																																				
		OBS	0500	0612	34967	2753			14837																																				
		ST0	0600	0519	3496	2765	0005288	0662	14816																																				
		OBS	0600	0519	34965	2765			14816																																				
		ST0	0700	0482	3498	2770	0004866	0713	14818																																				
		OBS	0700	0482	34976	2770			14818																																				
		ST0	0800	0457	3498	2773	0004664	0761	14824																																				
		OBS	0800	0457	34976	2773			14824																																				
		ST0	0900	0447	3475	2774	0004624	0807	14837																																				
		OBS	0900	0447	34979	2774			14837																																				
		ST0	1000	0432	3498	2776	0004532	0853	14847																																				
		OBS	1000	0432	34979	2776			14847																																				
		ST0	1100	0417	3497	2777	0004478	0898	14857																																				
		OBS	1100	0417	34975	2777			14857																																				
		ST0	1200	0408	3497	2778	0004459	0943	14870																																				
		OBS	1200	0408	34975	2778			14870																																				
		ST0	1300	0401	3497	2778	0004487	0987	14884																																				
		OBS	1300	0401	34972	2778			14884																																				
		ST0	1400	0392	3497	2779	0004459	1032	14897																																				
		OBS	1400	0392	34972	2779			14897																																				
		ST0	1500	0387	3497	2780	0004468	1077	14912																																				
		OBS	1500	0387	34973	2780			14912																																				

TABLE III. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 15-18 December 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8033.—Continued

REFERENCE		SHIP	LATITUDE	LONGITUDE	MARS DEN	STATION TIME			YEAR	ORIGINATOR'S		DEPTH	MAX	WAVE			WEA-	CLOUD	NODC																																										
CRUISE	ID.	CODE	'	'	SQ	MO	DAY	HR	19	NO.	STATION	TO	DEPTH	DIR	HIGHT	SEA	TYPE	NO.	STATION																																										
NO.	NO.		N	W							NUMBER	BOTTOM	OF						NUMBER																																										
518733	51	R	34 49.7N	63 35.0W	115 93	12	17	174	1967	A54	012	4060	34	7	3		A2	0	3	0012																																									
<table border="1"> <thead> <tr> <th colspan="4">WATER</th> <th colspan="3">WIND</th> <th colspan="3">AIR TEMP °C</th> <th colspan="2">NO OBS DEPTH</th> <th colspan="2">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>COLOR CODE</th> <th>TRANS (m)</th> <th>DIR.</th> <th>SPEED OF FORCE (knot)</th> <th>BARO-METER (mb)</th> <th>DBT BULB</th> <th>WET BULB</th> <th>VIS CODE</th> <th>NO OBS DEPTH</th> <th>SPECIAL OBSERVATIONS</th> <th colspan="2"></th> <th colspan="2"></th> </tr> <tr> <td>DT</td> <td>SD</td> <td>32</td> <td>535</td> <td>016</td> <td>067</td> <td>091</td> <td>7</td> <td>29</td> <td></td> <td colspan="2"></td> <td colspan="2"></td> </tr> </thead> </table>																				WATER				WIND			AIR TEMP °C			NO OBS DEPTH		SPECIAL OBSERVATIONS		COLOR CODE	TRANS (m)	DIR.	SPEED OF FORCE (knot)	BARO-METER (mb)	DBT BULB	WET BULB	VIS CODE	NO OBS DEPTH	SPECIAL OBSERVATIONS					DT	SD	32	535	016	067	091	7	29					
WATER				WIND			AIR TEMP °C			NO OBS DEPTH		SPECIAL OBSERVATIONS																																																	
COLOR CODE	TRANS (m)	DIR.	SPEED OF FORCE (knot)	BARO-METER (mb)	DBT BULB	WET BULB	VIS CODE	NO OBS DEPTH	SPECIAL OBSERVATIONS																																																				
DT	SD	32	535	016	067	091	7	29																																																					
MISSING TIME HR 1/10	CAST NO	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY (σ _t)	Σ Δ σ _t (σ _t)	SOUND VELOCITY (m/s)	D ₂ (m/s)	PO ₄ -P (μg/l)	TOTAL-P (μg/l)	NO ₂ -N (μg/l)	NO ₃ -N (μg/l)	SiO ₄ -S (μg/l)	PH	SiC																																												
	174	STD	3700	1503	3534	2625	0017795	0000	15079																																																				
		OBS	0000	1503	35345	2625			15079																																																				
		STD	0010	1505	3535	2625	0017861	0017	15081																																																				
		OBS	0010	1505	35345	2625			15081																																																				
		STD	0020	1507	3535	2624	0017409	0035	15084																																																				
		OBS	0020	1507	35349	2624			15084																																																				
		STD	0030	1507	3535	2624	0017939	0053	15085																																																				
		OBS	0030	1507	35350	2624			15085																																																				
		STD	0050	1508	3535	2625	0017981	0089	15089																																																				
		OBS	0050	1508	35355	2625			15089																																																				
		STD	0075	1509	3536	2624	0018066	0134	15093																																																				
		OBS	0075	1509	35356	2624			15093																																																				
		OBS	0117	1513	35369	2625			15098																																																				
		STD	0120	1480	3543	2641	0016617	0178	15090																																																				
		OBS	0120	1480	35482	2641			15090																																																				
		STD	0125	1349	3563	2680	0012934	0214	15053																																																				
		OBS	0125	1349	35631	2680			15053																																																				
		STD	0150	1267	3553	2684	0012126	0246	15029																																																				
		OBS	0150	1267	35532	2684			15029																																																				
		STD	0200	1177	3536	2711	0010070	0301	14964																																																				
		OBS	0200	1077	35357	2711			14969																																																				
		STD	0250	0948	3518	2720	0004286	0350	14928																																																				
		OBS	0250	0948	35183	2720			14928																																																				
		STD	0300	0827	3507	2731	0008318	0394	14890																																																				
		OBS	0300	0827	35070	2731			14890																																																				
		STD	0400	0626	3500	2754	0006112	0466	14827																																																				
		OBS	0400	0626	35005	2754			14827																																																				
		OBS	0456	0547	34970	2762			14804																																																				
		OBS	0460	0528	34957	2762			14797																																																				
		STD	0500	0497	3494	2765	0005105	0522	14790																																																				
		OBS	0500	0497	34937	2765			14790																																																				
		OBS	0520	0502	34981	2768			14796																																																				
		OBS	0540	0502	34987	2768			14800																																																				
		STD	0600	0477	3498	2771	0004657	0571	14799																																																				
		OBS	0600	0477	34980	2771			14799																																																				
		STD	0700	0455	3494	2774	0004411	0615	14807																																																				
		OBS	0700	0455	34942	2774			14807																																																				
		STD	0800	0445	3501	2776	0004330	0660	14819																																																				
		OBS	0800	0445	35001	2776			14819																																																				
		STD	0900	0432	3500	2777	0004290	0703	14831																																																				
		OBS	0900	0432	34999	2777			14831																																																				
		STD	1000	0407	3498	2778	0004242	0746	14837																																																				
		OBS	1000	0407	34977	2778			14837																																																				
		STD	1100	0395	3498	2780	0004181	0788	14848																																																				
		OBS	1100	0395	34978	2780			14848																																																				
		STD	1200	0388	3498	2780	0004190	0829	14862																																																				
		OBS	1200	0388	34977	2780			14862																																																				
		STD	1300	0360	3498	2781	0004175	0871	14876																																																				
		OBS	1300	0380	34978	2781			14876																																																				
		STD	1400	0372	3497	2782	0004181	0913	14889																																																				
		OBS	1400	0372	34975	2782			14889																																																				
		STD	1500	0368	3498	2782	0004198	0955	14904																																																				
		OBS	1500	0368	34976	2782			14904																																																				

TABLE III. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 15-18 December 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8033. ---Continued

REFERENCE CRUISE CODE	SHIP ID. NO.	LATITUDE ° 1/10	LONGITUDE ° 1/10	W. FASDEN SQUARE	STATION TIME ICMTI			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLES	WAVE OBSERVATIONS			SEA STATE	CLOUD CODES	NODC STATION NUMBER
					10'	1"	MO' DAY		CRUISE NO.	STATION NUMBER			CG	HG	SK			
316033	RC	39250N	063380W	115	93	12	17	233	1967	A54	013	4709		32	0	3		0013
				WATER		WIND		BARO-		AIR TEMP. °C								
				COLOR		DIR.		METER		DRY		WET		VS		SPECIAL		
				CODE		SPEED		INSTR.		BULB		BULB		CODE		OBSERVATIONS		
				DT		533		056		067		078		7		28		
MISSING TIME HR 1/10	CAS NO	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-30°	S Δ D DYN. M X 10 ³	SOUND VELOCITY	O ₂ ml	PO ₂ μF	TOTAL-P	NO ₃ -N	NO ₂ -N	SiO ₄ -S	pH	σ _t	
	233	STD	0000	1659	3587	2631	0017224	0000	15134									
		OBS	0000	1659	35887	2631			15134									
		STD	0010	1661	3588	2630	0017357	0017	15136									
		OBS	0010	1661	35879	2630			15136									
		STD	0020	1662	3588	2629	0017425	0034	15138									
		OBS	0020	1662	35877	2629			15138									
		STD	0030	1663	3588	2629	0017485	0052	15140									
		OBS	0030	1663	35877	2629			15140									
		STD	0050	1662	3588	2629	0017523	0087	15143									
		OBS	0050	1662	35877	2629			15143									
		STD	0075	1660	3587	2629	0017614	0131	15146									
		OBS	0075	1660	35670	2629			15146									
		STD	0100	1414	3574	2675	0013345	0169	15072									
		OBS	0100	1414	35743	2675			15072									
		OBS	0110	1434	35635	2678			15081									
		OBS	0113	1382	35787	2685			15064									
		STD	0125	1371	3576	2685	0012452	0202	15062									
		OBS	0125	1371	35757	2685			15062									
		OBS	0134	1365	35745	2685			15062									
		STD	0150	1273	3554	2686	0012217	0232	15031									
		OBS	0150	1273	35536	2686			15031									
		OBS	0160	1171	35429	2700			15001									
		OBS	0193	1141	35327	2703			14991									
		STD	0200	1127	3537	2703	0010473	0250	14987									
		OBS	0200	1127	35367	2703			14987									
		STD	0250	1004	3524	2715	0009810	0342	14947									
		STD	0300	0889	3514	2726	0006788	0366	14914									
		OBS	0300	0889	35137	2726			14914									
		STD	0400	0681	3502	2748	0006771	0466	14849									
		OBS	0400	0681	35016	2748			14849									
		STD	0500	0532	3498	2764	0005244	0526	14805									
		OBS	0500	0532	34977	2764			14805									
		OBS	0540	0420	34985	2766			14809									
		STD	0600	0487	3498	2770	0004778	0576	14803									
		OBS	0600	0487	34980	2770			14803									
		STD	0700	0455	3498	2773	0004509	0623	14807									
		OBS	0700	0455	34979	2773			14807									
		STD	0800	0435	3498	2776	0004346	0667	14815									
		STD	0900	0419	3498	2778	0004236	0710	14825									
		OBS	0900	0419	34985	2778			14825									
		STD	1000	0408	3498	2778	0004245	0752	14837									
		OBS	1000	0408	34978	2778			14837									
		STD	1100	0396	3498	2779	0004201	0795	14844									
		OBS	1100	0396	34977	2779			14844									
		STD	1200	0387	3497	2780	0004196	0837	14862									
		OBS	1200	0387	34975	2780			14862									
		STD	1300	0381	3497	2781	0004204	0879	14876									
		OBS	1300	0381	34975	2781			14876									
		STD	1400	0372	3497	2782	0004181	0920	14889									
		OBS	1400	0372	34975	2782			14889									
		STD	1500	0367	3498	2782	0004166	0962	14904									
		OBS	1500	0367	34977	2782			14904									

TABLE III. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 15-18 December 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8033.—Continued

REFERENCE SHIP CODE	SHIP ID. NO.	LATITUDE 1°/10'	LONGITUDE 1°/10'	SPEED KTS	WATERSIDE SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH 10 BOTTOM	SEA DEPTH OF SWRLS	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER
						MO	DAY	HR./10		CRUISE NO.	STATION NUMBER			DR.	PERIOD	SEA			
318033	RC	40135N	064220W	151	04	12	18	046	1967	A54	014	4535	32	8	3	X1	0	3	0014
		WATER		WIND		SAND- METER		AIR TEMP °C		SPECIAL OBSERVATIONS									
		COLOR CODE		TRANS- MIR		DIR.		SPEED OR FORCE		METER (INCH)		DRY BULB		WET BULB		VIS CODE		NO. DWS. DEPTH	
		DT		50		33		535		102		063		056		6		29	
MESSAGE TIME HR 1/10	CASST NO.	CARD TYPE	DEPTH (M)	T °C	S ‰	SIGMA-t	SPEIC VOLUME ANOMALY-10 ³	Σ Δ D DTN. M Σ 10 ³	SOUND VELOCITY	O ₂ (M/L)	PO ₄ -P μg · M/L	TOTAL-P μg · M/L	NO ₃ -N μg · M/L	NO ₂ -N μg · M/L	SiO ₂ -S μg · M/L	PH	SS CODE		
		STD	0000	1604	3576	2634	0016944	0000	15116										
	046	OBS	0000	1604	35758	2634			15116										
		STD	0010	1608	3576	2633	0017039	0017	15119										
		OBS	0010	1608	35762	2633			15119										
		STD	0020	1608	3577	2634	0017007	0034	15120										
		OBS	0020	1608	35770	2634			15120										
		STD	0030	1608	3577	2634	0017039	0051	15122										
		OBS	0030	1608	35770	2634			15122										
		STD	0050	1608	3577	2634	0017085	0085	15125										
		OBS	0050	1608	35773	2634			15125										
		STD	0075	1609	3578	2635	0017119	0127	15130										
		OBS	0075	1609	35782	2635			15130										
		STD	0096	1591	35789	2639			15128										
		OBS	0096	1591	35789	2639			15128										
		STD	0100	1562	3571	2640	0016721	0170	15118										
		OBS	0100	1562	35707	2640			15118										
		STD	0110	1387	35665	2675			15064										
		OBS	0110	1387	35665	2675			15064										
		STD	0125	1335	3564	2683	0012615	0206	15049										
		OBS	0125	1335	35637	2683			15049										
		STD	0150	1286	3559	2690	0012058	0237	15036										
		OBS	0150	1286	35592	2690			15036										
		STD	0200	1139	3543	2705	0010653	0294	14992										
		OBS	0200	1139	35427	2705			14992										
		STD	0250	0967	3520	2718	0009494	0344	14935										
		OBS	0250	0967	35197	2718			14935										
		STD	0300	0858	3511	2729	0008508	0389	14902										
		OBS	0300	0858	35109	2729			14902										
		STD	0400	0652	3497	2749	0006662	0465	14837										
		OBS	0400	0652	34975	2749			14837										
		STD	0421	0579	34925	2754			14811										
		OBS	0421	0579	34925	2754			14811										
		STD	0500	0535	3496	2762	0005391	0526	14806										
		OBS	0500	0535	34962	2762			14806										
		STD	0540	0509	34977	2767			14802										
		OBS	0540	0509	34977	2767			14802										
		STD	0559	0497	34979	2769			14797										
		OBS	0559	0497	34979	2769			14797										
		STD	0600	0489	3499	2770	0004736	0576	14804										
		OBS	0600	0489	34989	2770			14804										
		STD	0700	0472	35002	2773	0004546	0623	14814										
		OBS	0700	0472	35002	2773			14814										
		STD	0800	0440	3500	2777	0004258	0667	14817										
		OBS	0800	0440	35002	2777			14817										
		STD	0900	0426	3499	2778	0004242	0709	14828										
		OBS	0900	0426	34995	2778			14828										
		STD	1000	0410	3499	2779	0004179	0751	14838										
		OBS	1000	0410	34990	2779			14838										
		TU	1100	0402	3497	2780	0004182	0793	14851										
		OBS	1100	0402	34997	2780			14851										
		STD	1200	0397	3497	2780	0004207	0835	14866										
		OBS	1200	0397	34997	2780			14866										
		TU	1300	0385	3498	2781	0004193	0877	14878										
		OBS	1300	0385	34984	2781			14878										
		STD	1400	0382	3498	2781	0004232	0919	14893										
		OBS	1400	0382	34985	2781			14893										
		STD	1500	0375	3499	2782	0004215	0961	14907										
		OBS	1500	0375	34987	2782			14907										

TABLE III. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 15-18 December 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8033.—Continued

REFERENCE CITE CODE	SHIP ID. NO.	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	MARSDEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLING	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER																										
						MO	DAY	HR 1/10		CRUISE NO.	STATION NUMBER			DIR	HGT	PER				TRN	AMT																								
318033	PC		4038.4N	0643.95W	151	04	12	18	085	1967	A54	015	4105	32	7	4	41	0 3	0015																										
<table border="1"> <thead> <tr> <th colspan="2">WATER</th> <th colspan="2">WIND</th> <th rowspan="2">BARO- METER TMBAR</th> <th colspan="2">AIR TEMP. °C</th> <th rowspan="2">VIS CODE</th> <th rowspan="2">NO. OBS DEPTHS</th> <th rowspan="2">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>COLOR CODE</th> <th>TRANS- MITS</th> <th>DIR</th> <th>SPEED OR FORCE</th> <th>DRY BULB</th> <th>WET BULB</th> </tr> </thead> <tbody> <tr> <td>DT</td> <td>SD</td> <td>33</td> <td>531</td> <td>136</td> <td>064</td> <td>041</td> <td>7</td> <td>28</td> <td></td> </tr> </tbody> </table>																				WATER		WIND		BARO- METER TMBAR	AIR TEMP. °C		VIS CODE	NO. OBS DEPTHS	SPECIAL OBSERVATIONS	COLOR CODE	TRANS- MITS	DIR	SPEED OR FORCE	DRY BULB	WET BULB	DT	SD	33	531	136	064	041	7	28	
WATER		WIND		BARO- METER TMBAR	AIR TEMP. °C		VIS CODE	NO. OBS DEPTHS	SPECIAL OBSERVATIONS																																				
COLOR CODE	TRANS- MITS	DIR	SPEED OR FORCE		DRY BULB	WET BULB																																							
DT	SD	33	531	136	064	041	7	28																																					
MEASUREMENT TIME HR 1/10	CASE NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECFIC VOLUME ANOMALY (10 ³)	SOUND VELOCITY 10 ³	D ₂ m/s	PO ₄ -P μg/l	TOTAL-P μg/l	NO ₃ -N μg/l	NO ₂ -N μg/l	SiO ₄ -S μg/l	PH	PARTEIC- LES																													
085		STD	0000	16.27	35.86	26.36	0016735	0000									15124																												
	OBS	OBS	0000	16.27	35.857	26.36											15124																												
		STD	0010	16.26	35.86	26.36	0016740	0016									15125																												
	OBS	OBS	0010	16.26	35.857	26.36											15125																												
		STD	0020	16.26	35.85	26.36	0016791	0033									15127																												
	OBS	OBS	0020	16.26	35.855	26.36											15127																												
		STD	0030	16.26	35.85	26.36	0016841	0050									15128																												
	OBS	OBS	0030	16.26	35.852	26.36											15128																												
		STD	0050	16.24	35.87	26.36	0016860	0084									15133																												
	OBS	OBS	0050	16.24	35.867	26.36											15133																												
		STD	0075	16.36	35.92	26.39	0016743	0126									15140																												
	OBS	OBS	0075	16.36	35.916	26.39											15140																												
		STD	0095	16.24	35.886	26.39											15139																												
	OBS	OBS	0095	16.24	35.886	26.39											15139																												
		STD	0100	15.80	35.86	26.47	0016001	0167									15126																												
	OBS	OBS	0100	15.80	35.859	26.47											15126																												
		STD	0125	14.35	35.85	26.77	0013061	0433									15084																												
	OBS	OBS	0125	14.35	35.851	26.79											15084																												
		STD	0150	12.91	35.49	26.81	0012881	0235									15036																												
	OBS	OBS	0150	12.91	35.492	26.81											15036																												
		STD	0155	12.27	35.468	26.92											15015																												
	OBS	OBS	0155	12.27	35.468	26.92											15015																												
		STD	0200	11.17	35.38	27.06	0010563	0294									14983																												
	OBS	OBS	0200	11.17	35.385	27.06											14983																												
		STD	0250	10.07	35.28	27.18	0004559	0344									14951																												
	OBS	OBS	0250	10.07	35.274	27.18											14951																												
		STD	0300	09.06	35.16	27.25	0008871	0390									14921																												
	OBS	OBS	0300	09.06	35.162	27.25											14921																												
		STD	0374	07.70	35.057	27.38											14880																												
	OBS	OBS	0374	07.70	35.057	27.38											14880																												
		STD	0400	06.45	34.98	27.50	0006559	0467									14834																												
	OBS	OBS	0400	06.45	34.979	27.50											14834																												
		STD	0500	05.32	34.76	27.62	0005387	0527									14805																												
	OBS	OBS	0500	05.32	34.757	27.62											14805																												
		STD	0530	05.07	34.64	27.66											14800																												
	OBS	OBS	0530	05.07	34.64	27.66											14800																												
		STD	0600	04.42	34.49	27.70	0004749	0578									14806																												
	OBS	OBS	0600	04.42	34.492	27.70											14806																												
		STD	0700	04.67	35.01	27.74	0004424	0624									14812																												
	OBS	OBS	0700	04.67	35.013	27.74											14812																												
		STD	0800	04.36	35.00	27.77	0004250	0667									14816																												
	OBS	OBS	0800	04.36	34.997	27.77											14816																												
		STD	0900	04.00	35.00	27.78	0004156	0719									14826																												
	OBS	OBS	0900	04.00	34.997	27.78											14826																												
		STD	1000	04.00	34.49	27.79	0004176	0751									14838																												
	OBS	OBS	1000	04.00	34.489	27.79											14838																												
		STD	1100	04.00	34.49	27.80	0004176	0793									14851																												
	OBS	OBS	1100	04.00	34.487	27.80											14851																												
		STD	1200	03.87	34.48	27.81	0004125	0834									14862																												
	OBS	OBS	1200	03.87	34.484	27.81											14862																												
		STD	1300	03.83	34.48	27.81	0004175	0876									14877																												
	OBS	OBS	1300	03.83	34.483	27.81											14877																												
		STD	1400	03.75	34.98	27.82	0004156	0917									14891																												
	OBS	OBS	1400	03.75	34.98	27.82											14891																												
		STD	1500	03.67	34.49	27.83	0004107	0958									14904																												
	OBS	OBS	1500	03.67	34.487	27.83											14904																												

TABLE III. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 15-18 December 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8033.—Continued

REFERENCE FORM CODE	SHIP ID. NO.	SHIP CODE	LATITUDE ° '/10	LONGITUDE ° '/10	DEPTH M	MARSDEN SQUARE			STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	WAVE OBSERVATIONS			WAVE CODE	CLOUD CODES	NODC STATION NUMBER
						10'	1"	MO	DAT	HR.	MIN.		CRUISE NO.	STATION NUMBER		DIR	HGT	PER			
318033	RC		41°30N	055002W	151	15	12	18	121	1967	A54	016	3329	33	2	4	X1	03	0016		
WATER		WIND		BARO-		AIR TEMP °C		NO. OBS DEATHS		SPECIAL OBSERVATIONS		VIS CODE		NO. OBS DEATHS		SPECIAL OBSERVATIONS					
COLOR CODE	TEMP (°C)	DIR	SPEED (kts)	MEAS (mb)	WET BULB	DRY BULB	WET BULB	VIS CODE	NO. OBS DEATHS	SPECIAL OBSERVATIONS	DRY BULB	WET BULB	VIS CODE	NO. OBS DEATHS	SPECIAL OBSERVATIONS	DRY BULB	WET BULB	VIS CODE			
DI	SD	36	S16	170	035	044	7	29													
MESSING TIME HR. /10	CAS NO.	CASO TYPE	DEPTH (M)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY (10 ⁻³)	S.D. DYN. M 1.10'	SOUND VELOCITY	O ₂ (M/L)	PO ₄ -P µg. ST/L	TOTAL-P µg. ST/L	NO ₃ -N µg. ST/L	NO ₂ -N µg. ST/L	SiO ₄ -Si µg. ST/L	PH	CHLOROPHYLL				
	121	STD	0000	096.7	33.75	2605	0019688	0000	14876												
		OBS	0000	096.7	33.747	2605			14876												
		STD	0010	096.9	33.75	2605	0019744	0019	14878												
		OBS	0010	096.9	33.747	2605			14878												
		OBS	0015	09.75	33.757	2604			14881												
		STD	0020	09.83	33.78	2605	0019764	0019	14885												
		OBS	0020	09.83	33.777	2605			14885												
		STD	0030	10.77	34.00	2602	0015274	0057	14931												
		OBS	0030	10.77																	
		STD	0050	14.75	35.46	2640	0016549	0088	15080												
		OBS	0050	14.75	35.457	2640			15080												
		OBS	0060	14.87	35.497	2643			15086												
		STD	0075	13.94	35.03	2671	0013658	0126	15060												
		OBS	0075	13.94	35.035	2671			15060												
		OBS	0094	13.67	35.732	2684			15055												
		STD	0100	13.22	35.03	2685	0012327	0159	15040												
		OBS	0100	13.22	35.031	2685			15040												
		STD	0125	12.50	35.56	2695	0011522	0188	15019												
		OBS	0125	12.50	35.562	2695			15019												
		STD	0150	11.54	35.39	2700	0011030	0217	14988												
		OBS	0150	11.54	35.395	2700			14988												
		OBS	0162	11.58	35.435	2700			14992												
		OBS	0180	10.42	35.260	2710			14952												
		STD	0200	10.77	35.22	2713	0009899	0269	14942												
		OBS	0200	10.77	35.217	2713			14942												
		STD	0250	09.07	35.13	2722	0009049	0316	14912												
		OBS	0250	09.07	35.126	2722			14912												
		STD	0300	07.21	34.94	2736	0007755	0358	14847												
		OBS	0300	07.21	34.937	2736			14847												
		STD	0400	05.52	34.75	2759	0005577	0425	14797												
		OBS	0400	05.52	34.948	2759			14797												
		STD	0500	05.02	34.91	2763	0005334	0480	14792												
		OBS	0500	05.02	34.914	2763			14792												
		STD	0600	04.66	34.72	2767	0004980	0541	14794												
		OBS	0600	04.66	34.919	2767			14794												
		STD	0700	04.41	34.94	2771	0004655	0579	14800												
		OBS	0700	04.41	34.937	2771			14800												
		STD	0800	04.31	34.96	2774	0004533	0625	14815												
		OBS	0800	04.35	34.957	2774			14815												
		STD	0900	04.23	34.96	2776	0004431	0670	14827												
		OBS	0900	04.23	34.965	2776			14827												
		STD	1000	04.11	34.97	2777	0004358	0714	14836												
		OBS	1000	04.11	34.968	2777			14836												
		STD	1100	04.05	34.97	2778	0004366	0758	14852												
		OBS	1100	04.05	34.969	2778			14852												
		STD	1200	03.95	34.97	2779	0004316	0801	14865												
		OBS	1200	03.95	34.972	2779			14865												
		STD	1300	03.87	34.97	2780	0004302	0844	14878												
		OBS	1300	03.87	34.972	2780			14878												
		STD	1400	03.82	34.97	2780	0004329	0887	14893												
		OBS	1400	03.82	34.972	2780			14893												
		STD	1500	03.76	34.98	2781	0004306	0930	14907												
		OBS	1500	03.76	34.976	2781			14907												

TABLE III. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 15-18 December 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8033.—Continued

REFERENCE CRUISE ID. NO.	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	WASDEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODE (1/10)	NODC STATION NUMBER																																																																																																																																																																																																					
					MO	DAY	HR./10		CRUISE NO.	STATION NUMBER			DR.	HGT.	PER.				DIR.																																																																																																																																																																																																				
318033	RC	41300N	065152W	151	15	12	18	1967	A54	017	2505	33	3	2	X1		0018																																																																																																																																																																																																						
<table border="1"> <thead> <tr> <th rowspan="2">WATER COLOR CODE</th> <th rowspan="2">TRANS. (m)</th> <th rowspan="2">DIR. DIR.</th> <th rowspan="2">WIND SPEED OR FORCE</th> <th rowspan="2">BARO- METER (mb)</th> <th colspan="2">AIR TEMP. °C</th> <th rowspan="2">VIS. CODE</th> <th rowspan="2">NO. OBS. DEPTHS</th> <th rowspan="2">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>DBT</th> <th>WET BULB</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td>36</td> <td>508</td> <td>184</td> <td>034</td> <td>019</td> <td>7</td> <td>04</td> </tr> </tbody> </table>																		WATER COLOR CODE	TRANS. (m)	DIR. DIR.	WIND SPEED OR FORCE	BARO- METER (mb)	AIR TEMP. °C		VIS. CODE	NO. OBS. DEPTHS	SPECIAL OBSERVATIONS	DBT	WET BULB				36	508	184	034	019	7	04																																																																																																																																																																																
WATER COLOR CODE	TRANS. (m)	DIR. DIR.	WIND SPEED OR FORCE	BARO- METER (mb)	AIR TEMP. °C		VIS. CODE	NO. OBS. DEPTHS	SPECIAL OBSERVATIONS																																																																																																																																																																																																														
					DBT	WET BULB																																																																																																																																																																																																																	
			36	508	184	034	019	7	04																																																																																																																																																																																																														
<table border="1"> <thead> <tr> <th>MEASUREMENT TIME HR. 1/10</th> <th>CASST NO.</th> <th>CARD TYPE</th> <th>DEPTH (m)</th> <th>T °C</th> <th>S ‰</th> <th>SIGMA-t</th> <th>SPECIFIC VOLUME AND SALINITY</th> <th>S Δ D DTN. M x 10³</th> <th>SOUND VELOCITY</th> <th>O₂ ml/l</th> <th>PO₄-P μg - ml/l</th> <th>TOTAL-P μg - ml/l</th> <th>NO₂-N μg - ml/l</th> <th>NO₃-N μg - ml/l</th> <th>SiO₄-Si μg - ml/l</th> <th>pH</th> <th>σ_t</th> </tr> </thead> <tbody> <tr> <td>153</td> <td></td> <td>OBS</td> <td>T1159</td> <td>0392</td> <td>34957</td> <td>2778</td> <td></td> <td></td> <td>14855</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>STD</td> <td>1200</td> <td>0320</td> <td>3496</td> <td>2778</td> <td>0004354</td> <td></td> <td>14861</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>STD</td> <td>1300</td> <td>0385</td> <td>3496</td> <td>2779</td> <td>0004366</td> <td></td> <td>14875</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>STD</td> <td>1400</td> <td>0379</td> <td>3496</td> <td>2780</td> <td>0004373</td> <td></td> <td>14890</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>OBS</td> <td>1455</td> <td>0376</td> <td>34962</td> <td>2780</td> <td></td> <td></td> <td>14898</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>STD</td> <td>1500</td> <td>0374</td> <td>3496</td> <td>2780</td> <td>0004376</td> <td></td> <td>14904</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>STD</td> <td>1750</td> <td>0358</td> <td>3496</td> <td>2782</td> <td>0004362</td> <td></td> <td>14940</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>OBS</td> <td>T1958</td> <td>0342</td> <td>34964</td> <td>2784</td> <td></td> <td></td> <td>14968</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>STD</td> <td>2000</td> <td>0334</td> <td>3496</td> <td>2784</td> <td>0004243</td> <td></td> <td>14974</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>OBS</td> <td>T2365</td> <td>0304</td> <td>34953</td> <td>2787</td> <td></td> <td></td> <td>15022</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>																		MEASUREMENT TIME HR. 1/10	CASST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME AND SALINITY	S Δ D DTN. M x 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₂ -N μg - ml/l	NO ₃ -N μg - ml/l	SiO ₄ -Si μg - ml/l	pH	σ _t	153		OBS	T1159	0392	34957	2778			14855											STD	1200	0320	3496	2778	0004354		14861											STD	1300	0385	3496	2779	0004366		14875											STD	1400	0379	3496	2780	0004373		14890											OBS	1455	0376	34962	2780			14898											STD	1500	0374	3496	2780	0004376		14904											STD	1750	0358	3496	2782	0004362		14940											OBS	T1958	0342	34964	2784			14968											STD	2000	0334	3496	2784	0004243		14974											OBS	T2365	0304	34953	2787			15022								
MEASUREMENT TIME HR. 1/10	CASST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME AND SALINITY	S Δ D DTN. M x 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₂ -N μg - ml/l	NO ₃ -N μg - ml/l	SiO ₄ -Si μg - ml/l	pH	σ _t																																																																																																																																																																																																						
153		OBS	T1159	0392	34957	2778			14855																																																																																																																																																																																																														
		STD	1200	0320	3496	2778	0004354		14861																																																																																																																																																																																																														
		STD	1300	0385	3496	2779	0004366		14875																																																																																																																																																																																																														
		STD	1400	0379	3496	2780	0004373		14890																																																																																																																																																																																																														
		OBS	1455	0376	34962	2780			14898																																																																																																																																																																																																														
		STD	1500	0374	3496	2780	0004376		14904																																																																																																																																																																																																														
		STD	1750	0358	3496	2782	0004362		14940																																																																																																																																																																																																														
		OBS	T1958	0342	34964	2784			14968																																																																																																																																																																																																														
		STD	2000	0334	3496	2784	0004243		14974																																																																																																																																																																																																														
		OBS	T2365	0304	34953	2787			15022																																																																																																																																																																																																														

REFERENCE CRUISE ID. NO.	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	WASDEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODE (1/10)	NODC STATION NUMBER																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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318033	RC	41550N	065370W	151	15	12	201	1967	A54	018	0805	32	3	2	X1	03	0019																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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M x 10³</th> <th>SOUND VELOCITY</th> <th>O₂ ml/l</th> <th>PO₄-P μg - ml/l</th> <th>TOTAL-P μg - ml/l</th> <th>NO₂-N μg - ml/l</th> <th>NO₃-N μg - ml/l</th> <th>SiO₄-Si μg - ml/l</th> <th>pH</th> <th>σ_t</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td>STD</td> <td>0000</td> <td>0695</td> <td>3234</td> <td>2536</td> <td>0026278</td> <td>0000</td> <td>14754</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>OBS</td> <td>0000</td> <td>0695</td> <td>32342</td> <td>2536</td> <td></td> <td></td> <td>14754</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>STD</td> <td>0010</td> <td>0698</td> <td>3233</td> <td>2535</td> <td>0026381</td> <td>0026</td> <td>14756</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>OBS</td> <td>0010</td> <td>0698</td> <td>32335</td> <td>2535</td> 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M x 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₂ -N μg - ml/l	NO ₃ -N μg - ml/l	SiO ₄ -Si μg - ml/l	pH	σ _t			STD	0000	0695	3234	2536	0026278	0000	14754											OBS	0000	0695	32342	2536			14754											STD	0010	0698	3233	2535	0026381	0026	14756											OBS	0010	0698	32335	2535			14756											STD	0020	0707	3238	2537	0026213	0052	14762											OBS	0020	0707	32375	2537			14762											STD	0030	0717	3241	2538	0026073	0078	14768											OBS	0030	0717	32413	2538			14768											OBS	0042	0748	32675	2555			14786											STD	0050	0752	3280	2564	0023684	0128	14790											OBS	0050	0752	32798	2564			14790											OBS	0057	0747	32820	2566			14790											OBS	0065	0697	33109	2596			14775											OBS	0070	0690	33090	2595			14773											STD	0075	0640	3330	2618	0018552	0181	14757											OBS	0075	0640	33297	2618			14757											OBS	0085	0618	33547	2640			14753											STD	0100	0657	3406	2676	0013131	0220	14777											OBS	0100	0657	34057	2676			14777											OBS	0114	0699	34317	2690			14800											OBS	0120	0700	34397	2697			14802											STD	0125	0732	3456	2705	0010445	0250	14818											OBS	0125	0732	34557	2705			14818											OBS	0135	0812	34739	2707			14853											STD	0150	0817	3475	2707	0010288	0276	14857											OBS	0150	0817	34747	2707			14857											OBS	0156	0817	34747	2707			14858											OBS	0166	0792	34719	2709			14850											OBS	0182	0792	34820	2716			14854											OBS	0186	0817	34907	2720			14865											OBS	0197	0817	34905	2719			14867											STD	0200	0807	3487	2718	0009302	0325	14863											OBS	0200	0807	34872	2718			14863											OBS	0203	0797	34885	2721			14860											OBS	0214	0782	34920	2726			14860											OBS	0246	0682	34757	2727			14821											STD	0250	0674																OBS	0250	0674																OBS	0253	0625																STD	0300	0607																OBS	0300	0607																STD	0400	0574																OBS	0400	0574																OBS	0418	0574																OBS	0430	0548																OBS	0431	0519																STD	0500	0498																OBS	0500	0498																OBS	0515	0495																OBS	0550	0500																STD	0600	0494																OBS	0600	0494																OBS	0613	0491																OBS	0624	0488																OBS	0653	0470																STD	0700	0460																OBS	0700	0460																OBS	0737	0450																OBS	0750	0439													
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TABLE III. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 15-18 December 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8033.—Continued

REFERENCE CRUISE NO.	SNIP CODE	LATITUDE ° ' /10	LONGITUDE ° ' /10	MARSOM SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S STATION NUMBER		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLE	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODE	NODC STATION NUMBER
					10'	11'	NO DAY (HEL/17)		CRUISE NO.	STATION NUMBER			DR	HGT	PER			
318033	RC	42148N	066050W	151	26	12	18	231	1967	A54	019	0226	32	2	2	X1	03	0020
				WATER		WIND		AIR TEMP °C		NO. OBS. DEPTHS		SPECIAL OBSERVATIONS						
				COLOR CODE	TRANS. (m)	DIR.	SPEED OF FORCE	BARO-METER (mmHg)	WET BULB	WET RULE	VIS. CODE							
				OT	SD	33	515	176	035	022	7	20						
MESSAGE TIME (HE 17/10)	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-20°	SOUND VELOCITY	O ₂ (M/1)	PO ₄ -P (M/1)	TOTAL-P (M/1)	NO ₃ -N (M/1)	NO ₂ -N (M/1)	SI O ₄ -S (M/1)	PH	S	C	
	231	STO	0000	0575	3230	2547	0025189	0000	14705									
		OBS	0000	0575	32296	2547			14705									
		STO	0010	0577	3230	2547	0025209	0025	14707									
		OBS	0010	0577	32297	2547			14707									
		STO	0020	0577	3230	2547	0025201	0050	14709									
		OBS	0020	0577	32300	2547			14709									
		OBS	0024	0578	32348	2551			14711									
		STO	0030	0597	3257	2966	0023409	0074	14722									
		OBS	0030	0597	32571	2966			14722									
		OBS	0037	0615	32728	2976			14733									
		STO	0050	0617	3288	2988	0021359	0119	14738									
		OBS	0050	0617	32880	2988			14738									
		OBS	0055	0619	33095	2605			14742									
		OBS	0060	0557	33097	2612			14718									
		OBS	0064	0539	33277	2629			14714									
		OBS	0070	0540	33477	2645			14716									
		STO	0075	0566	3371	2660	0014598	0164	14732									
		OBS	0075	0566	33707	2660			14732									
		STO	0100	0596	3402	2680	0012675	0198	14753									
		OBS	0100	0596	34016	2680			14753									
		STO	0125	0616	3426	2697	0011160	0428	14766									
		OBS	0125	0616	34257	2697			14766									
		OBS	0141	0620	34572	2721			14776									
		OBS	0146	0622	34615	2724			14778									
		STO	0150	0607	3461	2726	0008460	0252	14774									
		OBS	0150	0609	34611	2726			14774									
		OBS	0152	0599	34612	2727			14770									
		OBS	0165	0597	34721	2736			14773									
		STO	0200	0548	3480	2748	0076355	0490	14760									
		OBS	0200	0548	34797	2748			14760									

TABLE IV. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 1-5 October 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8059.

REFERENCE		SHIP CODE	LATITUDE ° 10'	LONGITUDE ° 10'	DATE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH ID	MAX DEPTH OF SAMPLE	WAVE OBSERVATIONS			WEA-THER CODE	CLOUD CODES	NODC STATION NUMBER																																				
CRUISE CODE	ID NO				MO	DAY	HR	MIN		NO	STATION NUMBER			DIR	PERIOD	SEA																																							
318059	EV		42158N	06606W	1968	10	01	130	1968	A55	001	0265		25	1		X0	03	0001																																				
<table border="1"> <thead> <tr> <th colspan="2">WATER</th> <th colspan="2">WIND</th> <th colspan="2">BARO-METER</th> <th colspan="2">AIR TEMP °C</th> <th colspan="2">NO. OBS DEPTHS</th> <th colspan="2">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>CODE</th> <th>TEMP. °C</th> <th>DIR.</th> <th>SPEED OF WIND (KNOTS)</th> <th>DRY BULB</th> <th>WET BULB</th> <th>VIS CODE</th> <th></th> <th></th> <th></th> <th></th> <th></th> </tr> <tr> <th>DT</th> <th>SD</th> <th>24</th> <th>508</th> <th>173</th> <th>194</th> <th>183</th> <th>f</th> <th>26</th> <th></th> <th></th> <th></th> </tr> </thead> </table>																				WATER		WIND		BARO-METER		AIR TEMP °C		NO. OBS DEPTHS		SPECIAL OBSERVATIONS		CODE	TEMP. °C	DIR.	SPEED OF WIND (KNOTS)	DRY BULB	WET BULB	VIS CODE						DT	SD	24	508	173	194	183	f	26			
WATER		WIND		BARO-METER		AIR TEMP °C		NO. OBS DEPTHS		SPECIAL OBSERVATIONS																																													
CODE	TEMP. °C	DIR.	SPEED OF WIND (KNOTS)	DRY BULB	WET BULB	VIS CODE																																																	
DT	SD	24	508	173	194	183	f	26																																															
MESSAGE TIME (HR 10/10)	CASST NO	CARD TYPE	DEPTH (M)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY (10 ³)	δ Δ 0 (10 ³)	SOUND VELOCITY (M/S)	O ₂ (M/S)	PO ₄ -P (μg - ST/L)	TOTAL-P (μg - ST/L)	NO ₃ -N (μg - ST/L)	NO ₂ -N (μg - ST/L)	SiO ₄ -Si (μg - ST/L)	PH	χ COC																																						
		STD	0000	1571	3467	2404	0036793	0000	15068																																														
13		OBS	0000	1571	3466.4	2404			15068																																														
		STD	0010	1569	3271	2406	0038466	0038	15069																																														
		OBS	0010	1569	3271.2	2406			15069																																														
		STD	0020	1564	3271	2409	0038385	0077	15069																																														
		OBS	0020	1564	3271.2	2409			15069																																														
		OBS	0025	1496	3261.8	2417			15048																																														
		STD	0030	1421	3279	2446	0034416	0113	15026																																														
		OBS	0030	1421	3278.3	2446			15026																																														
		OBS	0033	1377	3256.3	2468			15014																																														
		OBS	0035	1477	3336.6	2478			15052																																														
		OBS	0040	1406	3348.8	2503			15032																																														
		OBS	0042	1461	3358.8	2507			15052																																														
		OBS	0047	1427	3368.8	2514			15042																																														
		STD	0050	1441	3379	2519	0028038	0176	15048																																														
		OBS	0050	1441	3379.0	2519			15048																																														
		OBS	0057	1396	3370.8	2529			15035																																														
		OBS	0060	1516	3459.8	2565			15084																																														
		OBS	0072	1372	3398.8	2606			14929																																														
		STD	0075	1114	3406	2604	0019966	0236	14945																																														
		OBS	0075	1114	3406.0	2604			14945																																														
		OBS	0080	1074	3412.8	2618			14932																																														
		OBS	0085	1139	3432.8	2620			14959																																														
		OBS	0095	1045	3436.6	2640			14928																																														
		STD	0100	1061	3449	2647	0015927	0481	14936																																														
		OBS	0100	1061	3449.3	2647			14936																																														
		OBS	0108	1178	3508.8	2672			14986																																														
		STD	0125	1086	3442	2676	0013280	0316	14954																																														
		OBS	0125	1086	3491.8	2676			14954																																														
		OBS	0140	1116	3508.8	2683			14968																																														
		OBS	0137	1086	3501.2	2683			14957																																														
		STD	0150	1048	3509	2696	0011378	0348	14947																																														
		OBS	0150	1048	3509.5	2696			14947																																														
		OBS	0160	1036	3511.8	2700			14945																																														
		OBS	0175	0984	3516.9	2713			14929																																														

TABLE IV. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 1-5 October 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8059.—Continued

REFERENCE CITY NO.	SHIP CODE	LATITUDE °	LONGITUDE °	ORIG. NO.	MARSON SQUARE	STATION TIME			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLE	WAVE OBSERVATIONS	WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER																										
						10'	1'	MO		DAY	HR.							CRUISE NO.	STATION NUMBER																								
318059	EV	4154 BN	06537 W		151	15	10	01	157	1968	A55	002	0786	24	0		0002																										
<table border="1"> <thead> <tr> <th colspan="2">WATER</th> <th colspan="2">WIND</th> <th rowspan="2">BARO- METER (MMHG)</th> <th colspan="2">AIR TEMP. °C</th> <th rowspan="2">VIS CODE</th> <th rowspan="2">NO. OBS. DEPTH</th> <th rowspan="2">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>COLOR CODE</th> <th>TRANS. (M)</th> <th>DIR.</th> <th>SPEED OR FORCE</th> <th>DRY RULE</th> <th>WET RULE</th> </tr> </thead> <tbody> <tr> <td>DT</td> <td>SO</td> <td>21</td> <td>SO</td> <td>179</td> <td>189</td> <td>183</td> <td>8</td> <td>28</td> <td></td> </tr> </tbody> </table>																		WATER		WIND		BARO- METER (MMHG)	AIR TEMP. °C		VIS CODE	NO. OBS. DEPTH	SPECIAL OBSERVATIONS	COLOR CODE	TRANS. (M)	DIR.	SPEED OR FORCE	DRY RULE	WET RULE	DT	SO	21	SO	179	189	183	8	28	
WATER		WIND		BARO- METER (MMHG)	AIR TEMP. °C		VIS CODE	NO. OBS. DEPTH	SPECIAL OBSERVATIONS																																		
COLOR CODE	TRANS. (M)	DIR.	SPEED OR FORCE		DRY RULE	WET RULE																																					
DT	SO	21	SO	179	189	183	8	28																																			
MISSING TIME HR 1/10	CASST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY- σ_{θ}	$\Sigma \Delta \sigma$ DTM M E 10'	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P µg - ml/l	TOTAL-P µg - ml/l	NO ₂ -N µg - ml/l	NO ₃ -N µg - ml/l	SiO ₂ -Si µg - ml/l	PH	REMARKS																										
		STD	0000	1869	34.35	2462	0033258	0000	15177																																		
		OBS	0000	1869	34.351	2462			15177																																		
		STD	0010	1879	34.49	2470	0032538	0032	15183																																		
		OBS	0010	1879	34.488	2470			15183																																		
		STD	0020	1796	34.23	2471	0032496	0065	15158																																		
		OBS	0020	1796	34.228	2471			15158																																		
		OBS	0025	1646	34.000	2478			15126																																		
		OBS	0027	1596	33.928	2495			15095																																		
		STD	0030	1396	33.84	2532	0026712	0095	15031																																		
		OBS	0030	1396	33.840	2532			15031																																		
		OBS	0038	1336	33.778	2539			15012																																		
		STD	0050	1166	33.62	2560	0024062	0145	14954																																		
		OBS	0050	1166	33.620	2560			14954																																		
		OBS	0055	1106	33.848	2589			14936																																		
		OBS	0067	1120	33.888	2589			14944																																		
		STD	0075	1076	34.03	2608	0019554	0200	14931																																		
		OBS	0075	1076	34.028	2608			14931																																		
		OBS	0085	1056	34.027	2612			14926																																		
		STD	0100	0996	34.31	2644	0016212	0245	14910																																		
		OBS	0100	0996	34.308	2644			14910																																		
		OBS	0110	1016	34.429	2650			14920																																		
		STD	0125	1137	34.89	2664	0014393	0283	14972																																		
		OBS	0125	1137	34.888	2664			14972																																		
		OBS	0135	1046	34.690	2667			14935																																		
		STD	0150	1016	34.99	2693	0011630	0315	14934																																		
		OBS	0150	1016	34.988	2693			14934																																		
		OBS	0175	1053	35.128	2698			14653																																		
		STD	0200	1076	35.35	2711	0010133	0370	14968																																		
		OBS	0200	1076	35.346	2711			14968																																		
		OBS	0225	0936	35.044	2715			14918																																		
		STD	0250	0876	35.13	2728	0008547	0416	14901																																		
		OBS	0250	0876	35.128	2728			14901																																		
		STD	0300	0771	35.09	2741	0007365	0456	14868																																		
		OBS	0300	0771	35.087	2741			14868																																		
		OBS	0350	0694	34.988	2744			14845																																		
		STD	0400	0634	35.03	2755	0006047	0523	14831																																		
		OBS	0400	0634	35.028	2755			14831																																		
		STD	0500	0516	34.99	2767	0004966	0578	14799																																		
		OBS	0500	0516	34.987	2767			14799																																		
		OBS	0550	0489	34.988	2770			14796																																		
		STD	0600	0476	34.98	2771	0004629	0626	14799																																		
		OBS	0600	0476	34.983	2771			14799																																		
		STD	0700	0466	34.99	2773	0004581	0672	14811																																		
		OBS	0700	0466	34.988	2773			14811																																		

TABLE IV. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 1-5 October 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8059.—Continued

REFERENCE LIST CODE	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	E W	MAGNETIC SQUARE		STATION TIME (GMT)		YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLE	WAVE OBSERVATIONS			WEA- TIME CODE	CLOUD CODES	NODC STATION NUMBER	
					10"	1"	MO	DAY		HR	MIN			CRUISE NO.	STATION NUMBER	DIR				HGT
318059	EV	41315N	06519 W		15	10	01	187	1968	A55	003	2514			24	1		XO	013	0003
					WATER		WIND		BARO-		AIR TEMP °C		NO. OF		SPECIAL					
					COLOR	TEMP	DIR	SPEED	HEIGH	REF	WET	WET	DEPTHS	OBSERVATIONS						
					CODE	(°F)	(KNOTS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)							
					DT	SD	SO6	183	194	189	8	24								
MESSAGE TIME HR 1/10	CASE NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY-σ _t ?	S Δ σ OPN. M x 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - dl/l	TOTAL-P μg - dl/l	NO ₂ -N μg - dl/l	NO ₃ -N μg - dl/l	SiO ₄ -Si μg - dl/l	pH	S C			
		STD	0000	1776	3332	2406	0038584	0000	15138											
187		OBS	0000	1776	33318	2406			15138											
		STD	0010	2196	3559	2469	0032615	0035	15282											
		OBS	0010	2196	35588	2469			15282											
		STD	0020	2216	3577	2478	0031854	0067	15291											
003		OBS	0020	2216	35773	2478			15291											
		STD	0030	2136	3585	2506	0029212	0098	15272											
		OBS	0030	2136	35849	2506			15272											
		STD	0050	1786	3589	2500	0020293	0147	15180											
		OBS	0050	1786	35888	2600			15180											
		STD	0075	1586	3587	2646	0015986	0193	15124											
		OBS	0075	1586	35868	2646			15124											
		STD	0100	1512	3590	2666	0014219	0231	15105											
		OBS	0100	1512	35903	2666			15105											
		STD	0125	1461	3587	2675	0013437	0265	15093											
		OBS	0125	1461	35873	2675			15093											
		STD	0150	1366	3575	2686	001450	0297	15065											
		OBS	0150	1366	35753	2686			15065											
		STD	0200	1241	3557	2697	0011501	0357	15029											
		OBS	0200	1241	35568	2697			15029											
		STD	0250	1123	3540	2706	0010695	0413	14994											
		OBS	0250	1123	35398	2706			14994											
		STD	0300	0996	3526	2718	0009618	0464	14959											
		OBS	0300	0996	3526	2718			14959											
		STD	0400	0741	3504	2741	0007465	0549	14873											
		OBS	0400	0741	35043	2741			14873											
		STD	0500	0596	3501	2754	0005828	0617	14832											
		OBS	0500	0596	35008	2754			14832											
		STD	0600	0533	3499	2767	0005263	0671	14800											
		OBS	0600	0533	34993	2767			14800											
		STD	0700	0489	3495	2777	0004603	0721	14817											
		OBS	0700	0489	34954	2777			14817											
		STD	0800	0454	3497	2773	0004067	0768	14833											
		OBS	0800	0454	34972	2773			14833											
		STD	0900	0446	3495	2774	0003474	0814	14850											
		OBS	0900	0446	34953	2774			14850											
		STD	1000	0436	3499	2776	0004498	0860	14869											
		OBS	1000	0436	34991	2776			14869											
		STD	1100	0424	3496	2777	0004469	0905	14881											
		OBS	1100	0424	34988	2777			14881											
		STD	1200	0416	3499	2778	0004464	0949	14874											
		OBS	1200	0416	34988	2778			14874											
		STD	1300	0404	3498	2774	0004434	0994	14866											
		OBS	1300	0404	34984	2779			14866											
		STD	1400	0346	3498	2780	0004463	1038	14877											
		OBS	1400	0346	34984	2780			14877											
		STD	1500	0334	3495	2780	0004449	1082	14881											
		OBS	1500	0334	34958	2780			14881											

TABLE IV. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 1-5 October 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8059.—Continued

REFERENCE CRUISE CODE	SHIP ID NO.	LATITUDE ° 10'	LONGITUDE ° 10'	MARSDEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLE	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES (TFR) (AMT)	NODC STATION NUMBER						
					10'	1"	MD		DAY	HR			MIN	STATION NO.	STATION NUMBER				DIR	HGT	PER	SEA		
318059	EV	41049N	065001W	151	15	10	01	222	1968	A55	004	354.8		26	2		X1	0	3		0004			
				WATER		WIND		BARO- METER		AIR TEMP °C		NO. OBS. DEPTH		SPECIAL OBSERVATIONS										
				COLOR CODE		TRANS. DIR.		SPEED OF FORCE		DRY BULB WET BULB		VIS CODE												
				DT		SD		S14		186		217		206		7		25						
MESSAGE HR 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-1000	$\Sigma \Delta$ DIN. M x 10 ³	SOUND VELOCITY	D ₂ (m/s)	PO ₄ -P µg-at/l	TOTAL-P µg-at/l	NO ₃ -N µg-at/l	NO ₃ -N µg-at/l	SiO ₄ -S µg-at/l	PH	S °C							
	222	STD	0000	2210	3578	2480	0031578	0000	15286															
		OBS	0000	2210	35778	2480			15286															
		STD	0010	2199	3584	2488	0030844	0031	15285															
		OBS	0010	2199	35844	2488			15285															
		STD	0020	2197	3586	2490	0030728	0062	15287															
	003	OBS	0020	2197	35858	2490			15287															
		STD	0030	2196	3586	2490	0030739	0093	15288															
		OBS	0030	2196	35858	2490			15288															
		OBS	0040	2172	35978	2506			15285															
		STD	0050	2018	3595	2545	0025526	0149	15246															
		OBS	0050	2018	35948	2545			15246															
		STD	0075	1726	3603	2626	0017965	0203	15168															
		OBS	0075	1726	36028	2626			15168															
		STD	0100	1646	3606	2647	0016057	0245	15149															
		OBS	0100	1648	36058	2647			15149															
		STD	0125	1584	3604	2659	0014980	0284	15135															
		OBS	0125	1589	36038	2659			15135															
		STD	0150	1528	3587	2667	0014972	0321	15118															
		OBS	0150	1528	35866	2660			15118															
		STD	0200	1366	3569	2681	0013069	0393	15072															
		OBS	0200	1366	35686	2681			15072															
		STD	0250	1231	3551	2695	0011844	0454	15033															
		OBS	0250	1231	35513	2695			15033															
		STD	0300	1032	3537	2709	0010539	0511	14992															
		OBS	0300	1035	35355	2709			14992															
		STD	0400	0926	3515	2721	0009001	0616	14944															
		OBS	0400	0926	35149	2721			14944															
		STD	0500	0716	3504	2745	0007270	0694	14879															
		OBS	0500	0716	35038	2745			14879															
		STD	0600	0543	3486	2763	0005773	0759	14831															
		OBS	0600	0543	34854	2763			14831															
		STD	0700	0325	3497	2767	0005148	0814	14827															
		OBS	0700	0325	34977	2767			14827															
		STD	0800	0477	3499	2771	0004791	0864	14831															
		OBS	0800	0477	34993	2771			14831															
		STD	0900	0456	3499	2774	0004470	0911	14834															
		OBS	0900	0456	34988	2774			14834															
		STD	1000	0456	3499	2776	0004224	0957	14844															
		OBS	1000	0456	34988	2776			14844															
		STD	1100	0426	3499	2777	0004492	1002	14861															
		OBS	1100	0426	34988	2777			14861															
		STD	1200	0417	3499	2778	0004476	1047	14874															
		OBS	1200	0417	34988	2778			14874															
		STD	1300	0411	3499	2779	0004491	1092	14884															
		OBS	1300	0411	34988	2779			14884															
		STD	1400	0347	3499	2780	0004430	1137	14900															
		OBS	1400	0347	34988	2780			14900															
		STD	1500	0347	3499	2780	0004483	1181	14916															
		OBS	1500	0347	34988	2780			14916															

REFERENCE CRUISE CODE	SHIP ID NO.	LATITUDE ° 10'	LONGITUDE ° 10'	MARSDEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLE	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES (TFR) (AMT)	NODC STATION NUMBER				
10'	1"	MD	DAY	HR	MIN	STATION NO.	STATION NUMBER		DIR	HGT			PER	SEA								
318059	EV	4040 N	064349 W	151	24	13	02	33	1968	A55	025	423.6		25	1		X1	4	6		0002	
				WATER		WIND		BARO- METER		AIR TEMP °C		NO. OBS. DEPTH		SPECIAL OBSERVATIONS								
				COLOR CODE		TRANS. DIR.		SPEED OF FORCE		DRY BULB WET BULB		VIS CODE										
				DT		SD		S14		217		228		7		07						
MESSAGE HR 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-1000	$\Sigma \Delta$ DIN. M x 10 ³	SOUND VELOCITY	D ₂ (m/s)	PO ₄ -P µg-at/l	TOTAL-P µg-at/l	NO ₃ -N µg-at/l	NO ₃ -N µg-at/l	SiO ₄ -S µg-at/l	PH	S °C					
	030	STD	3000	2416	3610	2465	0034957	0000	15341													
		OBS	3000	2416	36099	2465			15341													
	030	OBS	0900	2417	36099	2464			15342													
		STD	0010	2405	3608	2466	0034825	0034	15334													
		STD	0020	2360	3607	2455	0034746	0069	15329													
	030	OBS	0024	2350	36011	2457			15328													
		STD	0030	2360	3604	2460	0033622	0134	15329													
	030	OBS	0039	2350	36076	2462			15331													
		STD	0050	2312	3608	2474	0032155	0464	15323													
	030	OBS	0058	2290	36096	2481			15319													
		STD	0075	2260	3615	2494	0030562	0647	15315													
	030	OBS	0076	2255	36148	2494			15314													
		STD	0100	2025	3611	2554	0024704	0311	15256													
	030	OBS	0116	1796	36023	2618			15183													

TABLE IV. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 1-5 October 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8059.—Continued

REFERENCE CITY CODE	SHIP NO.	LATITUDE ° 1/10	LONGITUDE ° 1/10	MO 1/10	DAY 1/10	YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLES	WAVE OBSERVATIONS DIR. HGT PER STA	WEA- THER CODE	CLOUD CODES TYP. AMT	NODC STATION NUMBER																												
							CRUISE NO.	STATION NUMBER																																		
318059	EV	41140N	064140W	10	04	1968	A55	006	4628	25	1	+1	03	0000																												
<table border="1"> <thead> <tr> <th colspan="2">WATER</th> <th colspan="2">WIND</th> <th colspan="2">BARO- METER</th> <th colspan="2">AIR TEMP °C</th> <th rowspan="2">NO. OBS DEPTHS</th> <th rowspan="2">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>COLOR CODE</th> <th>TRANS M</th> <th>DIR. M</th> <th>SPEED OF FORCE</th> <th>DRY BULL</th> <th>WET BULL</th> <th>DRY BULL</th> <th>WET BULL</th> </tr> </thead> <tbody> <tr> <td>01</td> <td>SD</td> <td>27</td> <td>510</td> <td>227</td> <td>133</td> <td>228</td> <td>7</td> <td>32</td> <td></td> </tr> </tbody> </table>															WATER		WIND		BARO- METER		AIR TEMP °C		NO. OBS DEPTHS	SPECIAL OBSERVATIONS	COLOR CODE	TRANS M	DIR. M	SPEED OF FORCE	DRY BULL	WET BULL	DRY BULL	WET BULL	01	SD	27	510	227	133	228	7	32	
WATER		WIND		BARO- METER		AIR TEMP °C		NO. OBS DEPTHS	SPECIAL OBSERVATIONS																																	
COLOR CODE	TRANS M	DIR. M	SPEED OF FORCE	DRY BULL	WET BULL	DRY BULL	WET BULL																																			
01	SD	27	510	227	133	228	7	32																																		
MESSING TIME HR 1/10	CAST NO.	CASO TYPE	DEPTH (M)	T °C	S ‰	SIGMA-t	SOUND VELOCITY ANOMALY-1978	SOUND VELOCITY M/S	PO ₂ -P % - 011	TOTAL-P % - 011	NO ₂ -N % - 011	NO ₃ -N % - 011	SiO ₂ -S % - 011	pH	SIC																											
		STD	0000	24.55	36.09	24.47	0034721	0300																																		
	065	OBS	0000	24.55	36.08	24.47																																				
		STD	0010	23.86	36.10	24.46	0034824	0434																																		
		OBS	0010	23.86	36.09	24.46																																				
		STD	0020	23.46	36.22	24.74	0032202	0608																																		
	003	OBS	0020	23.46	36.21	24.74																																				
		STD	0030	22.97	36.27	24.92	0030547	0039																																		
		OBS	0030	22.97	36.26	24.92																																				
		OBS	0040	22.47	36.19	24.98																																				
		STD	0050	19.91	36.00	25.72	0024988	0457																																		
		OBS	0050	19.91	36.25	25.72																																				
		OBS	0060	18.87	36.36	26.17																																				
		STD	0075	18.21	36.53	26.41	0016520	0402																																		
		OBS	0075	18.21	36.35	26.41																																				
		STD	0100	17.75	36.44	26.47	0015464	0443																																		
		OBS	0100	17.75	36.46	26.47																																				
		STD	0125	17.53	36.48	26.54	0015490	0482																																		
		OBS	0125	17.53	36.49	26.54																																				
		STD	0150	17.17	36.47	26.57	0015256	0520																																		
		OBS	0150	17.17	36.47	26.57																																				
		STD	0200	16.91	36.34	26.62	0014461	0536																																		
		OBS	0200	16.91	36.38	26.62																																				
		OBS	0210	16.60	36.32	26.64																																				
		STD	0230	15.94	36.21	26.71	0014251	0464																																		
		OBS	0230	15.94	36.28	26.71																																				
		STD	0300	14.27	35.94	26.87	0012779	0536																																		
		OBS	0300	14.27	35.98	26.87																																				
		STD	0400	10.46	35.41	27.12	0010497	0653																																		
		OBS	0400	10.46	35.42	27.12																																				
		STD	0500	08.28	35.10	27.33	0008482	0748																																		
		OBS	0500	08.28	35.10	27.33																																				
		STD	0600	06.26	35.00	27.54	0006454	0622																																		
		OBS	0600	06.26	34.98	27.54																																				
		STD	0700	05.24	35.02	27.68	0005087	0680																																		
		OBS	0700	05.24	35.17	27.68																																				
		STD	0800	04.90	35.01	27.71	0004842	0730																																		
		OBS	0800	04.90	35.08	27.71																																				
		STD	0900	04.60	35.11	27.75	0004537	0777																																		
		OBS	0900	04.60	35.13	27.75																																				
		STD	1000	04.45	35.01	27.77	0004439	1021																																		
		OBS	1000	04.45	35.14	27.77																																				
		STD	1100	04.23	35.00	27.79	0004334	1065																																		
		OBS	1100	04.23	35.05	27.79																																				
		STD	1200	04.14	35.00	27.80	0004308	1109																																		
		OBS	1200	04.14	35.05	27.80																																				
		STD	1300	03.97	34.99	27.80	0004115	1152																																		
		OBS	1300	03.97	34.98	27.80																																				
		STD	1400	03.86	34.95	27.81	0004055	1195																																		
		OBS	1400	03.86	34.98	27.81																																				
		STD	1500	03.78	34.95	27.82	0004005	1237																																		
		OBS	1500	03.78	34.95	27.82																																				
		STD	1700	03.70	34.96	27.82	0004114	1345																																		
		OBS	2000	03.99	34.97	27.83	0004140	1457																																		
	079	OBS	T2108	03.53	34.96	27.83																																				
		STD	2500	03.23	34.95	27.85	0004499	1662																																		
	379	OBS	2648	03.12	34.950	27.86																																				
		STD	3000	02.84	34.94	27.87	0004360	1704																																		
	079	OBS	T3188	02.67	34.928	27.88																																				
	079	OBS	T3742	02.29	34.932	27.89																																				
		STD	4000	02.21	34.89	27.89	0004171	2330																																		
	079	OBS	T4272	02.20	34.886	27.89																																				

TABLE IV. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 1-5 October 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8059.—Continued

REFERENCE CRUISE CODE	SHIP ID. NO.	LATITUDE ° ' /10	LONGITUDE ° ' /10	WARDEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S STATION NUMBER		DEPTH TO BOTTOM	MAX DEPTH OF SWALLS	WAVE OBSERVATIONS			WEA- THES CODE	CLOUD CODE	NODC STATION NUMBER	
					MO	DAY	HR./10		CRUISE NO.	STATION NUMBER			DIR	HEIGHT	SEA				
318059	EV	3955 N	06403 W	115	94	10	02	123	1968	A55	007	4838		20	1		K1	013	0007
				WATER		WIND		BARO- METER		AIR TEMP °C		NO. OF DEPTHS		SPECIAL OBSERVATIONS					
				COLOR CODE	TRANS M	DIL.	THEO OF FORCE	BARO- METER INSTR	DRY BULL	WET BULL	VS CODE								
				NT	SU	21	S10	254	250	244	7	20							
MISSION TIME DATE	CASE NO.	CARD TYPE	DEPTH (M)	T °C	σ _t	SIGMA-t	SALINITY ANOMALY	Δσ _t DENS. ANOMALY	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg AT L	TOTAL-P μg AT L	NO ₃ -N μg AT L	NO ₂ -N μg AT L	SiO ₄ -Si μg AT L	PH	S C		
	123	STD	0000	2364	3587	2443	0015130	0000	15325										
		OBS	0000	2364	35871	2443			15325										
		STD	0010	2364	3587	2443	0015169	0000	15327										
		OBS	0010	2364	35871	2443			15327										
		STD	0020	2361	3587	2444	0015127	0070	15326										
	003	OBS	0020	2361	35871	2444			15326										
		STD	0030	2241	3564	2450	0014582	0105	15307										
		OBS	0030	2241	35644	2450			15307										
		OBS	0040	2321	36208	2461			15325										
		STD	0050	2246	3613	2496	0016119	0170	15307										
		OBS	0050	2246	36128	2496			15307										
		STD	0075	1728	3585	2616	0018853	0231	15150										
		OBS	0075	1728	35845	2616			15160										
		OBS	0085	1794	36288	2629			15193										
		STD	0100	1556	3576	2643	0016366	0475	15117										
		OBS	0100	1556	35734	2643			15117										
		OBS	0115	1602	36138	2664			15136										
		STD	0125	1566	3606	2664	0014479	0313	15128										
		OBS	0125	1566	36038	2664			15128										
		STD	0140	1499	3596	2673	0015692	0349	15110										
		OBS	0140	1499	35958	2673			15110										
		STD	0200	1316	3567	2690	0012222	0413	15055										
		OBS	0200	1316	35668	2690			15055										
		STD	0240	1209	3544	2693	0011476	0474	15024										
		OBS	0240	1209	35438	2693			15024										
		STD	0300	1061	3533	2712	0010232	0329	14979										
		OBS	0300	1061	35328	2712			14979										
		STD	0400	0646	3514	2733	0008295	0622	14914										
		OBS	0400	0646	35136	2733			14914										
		STD	0500	0558	3505	2753	0006373	0695	14857										
		OBS	0500	0558	35048	2753			14857										
		OBS	0550	0573	34447	2761			14833										
		STD	0600	0544	3506	2764	0004855	0752	14828										
		OBS	0600	0544	35063	2764			14828										
		STD	0700	0514	3502	2770	0004845	0830	14827										
		OBS	0700	0514	35015	2770			14827										
		STD	0800	0475	3502	2774	0004582	0847	14832										
		OBS	0800	0475	35017	2774			14832										
		STD	0900	0441	3502	2777	0004366	0892	14839										
		OBS	0900	0441	35020	2777			14839										
		STD	1000	0436	3501	2778	0004320	0936	14844										
		OBS	1000	0436	35015	2778			14844										
		STD	1100	0422	3501	2778	0004296	0979	14860										
		OBS	1100	0422	35008	2778			14860										
		STD	1200	0409	3500	2780	0004277	1022	14871										
		OBS	1200	0409	35001	2780			14871										
		STD	1300	0399	3500	2781	0004237	1064	14884										
		OBS	1300	0399	35002	2781			14884										
		STD	1400	0390	3500	2782	0004250	1137	14897										
		OBS	1400	0390	34997	2782			14897										
		STD	1500	0363	3500	2782	0004252	1149	14911										
		OBS	1500	0363	34996	2782			14911										

TABLE IV. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 1-5 October 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8059.—Continued

REFERENCE STATION CODE	SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	WAVE DIR	WARDEN SQUARE		STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLING	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES TYPE AMT	NODC STATION NUMBER
					10°	1'	MO	DAY	HR./10		CRUISE NO.	STATION NUMBER			DIR	HGT	PER			
318059	EV	39245N	063409W		115	93	10	02	163	1968	A55	008	4938		20	2		A 2	0 3	0008
				WATER		WIND		WIND		AIR TEMP °C		NO. OBS. DEPTHS		SPECIAL OBSERVATIONS						
				COLOR CODE	TEMP (°C)	DIR	SPEED OF FORCE	DIR	SPEED OF FORCE	DRY BULB	WET BULB	VIS CODE								
				DT	SD	25	520	254	246	239	17	25								
MESSAGE NO. HR. 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY- σ_{θ}	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P µg - g/l	TOTAL-P µg - g/l	NO ₃ -N µg - g/l	NO ₂ -N µg - g/l	SiO ₄ -Si µg - g/l	pH	SIC				
	163	STD	0000	2324	3581	2449	0034485	0000	15315											
		OBS	0000	2324	35806	2449			15315											
		STD	0010	2324	3581	2450	0034506	0034	15317											
		OBS	0010	2324	35808	2450			15317											
		STD	0020	2324	3591	2458	0033791	0068	15319											
	003	OBS	0020	2324	35913	2458			15319											
		STD	0030	2329	3603	2465	0033140	0102	15324											
		OBS	0030	2329	36028	2465			15324											
		OBS	0047	2126	35788	2504			15272											
		STD	0050	2177	3611	2514	0028501	0163	15289											
		OBS	0050	2177	36108	2514			15289											
		STD	0075	1966	3634	2589	0021465	0226	15240											
		OBS	0075	1966	36341	2589			15240											
		STD	0100	1601	3594	2648	0015905	0472	15133											
		OBS	0100	1601	35936	2648			15133											
		STD	0125	1496	3575	2657	0015087	0211	15102											
		OBS	0125	1496	35748	2657			15102											
		STD	0150	1416	3576	2676	0013410	0247	15081											
		OBS	0150	1416	35760	2676			15081											
		STD	0200	1256	3559	2695	0011642	0209	15034											
		OBS	0200	1256	35588	2695			15034											
		STD	0250	1126	3538	2704	0010859	0266	14995											
		OBS	0250	1126	35383	2704			14995											
		STD	0300	0971	3520	2718	0009630	0217	14945											
		OBS	0300	0971	35202	2718			14945											
		STD	0400	0782	3509	2739	0007675	0203	14889											
		OBS	0400	0782	35091	2739			14889											
		STD	0500	0602	3503	2759	0005782	0271	14834											
		OBS	0500	0602	35026	2759			14834											
		STD	0600	0516	3499	2767	0005033	0725	14815											
		OBS	0600	0516	34994	2767			14815											
		STD	0700	0483	3501	2772	0004627	0773	14819											
		OBS	0700	0483	35010	2772			14819											
		STD	0800	0454	3500	2775	0004415	0218	14823											
		OBS	0800	0454	35004	2775			14823											
		STD	0900	0443	3500	2776	0004394	0262	14835											
		OBS	0900	0443	35003	2776			14835											
		STD	1000	0426	3500	2778	0004326	0206	14846											
		OBS	1000	0426	35001	2778			14846											
		STD	1100	0416	3499	2778	0004342	0249	14857											
		OBS	1100	0416	34991	2778			14857											
		STD	1200	0406	3499	2779	0004312	0293	14870											
		OBS	1200	0406	34991	2779			14870											
		STD	1300	0396	3499	2780	0004286	1036	14882											
		OBS	1300	0396	34992	2780			14882											
		STD	1400	0391	3499	2781	0004324	1079	14897											
		OBS	1400	0391	34986	2781			14897											
		STD	1500	0383	3499	2782	0004314	1122	14910											
		OBS	1500	0383	34998	2782			14910											

TABLE IV. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 1-5 October 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8059.—Continued

REFERENCE CRAFT NO.	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	S 1/10	MARDEN SQUARE		STATION TIME (GMT)				YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF TEMP.	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES (T/1/2)	NODC STATION NUMBER	
					10'	1'	MO	DAY	HR	1/10		CRUISE NO.	STATION NUMBER			DR	HGT	PER				SEA
318059	EV	39002N	063170W		115	93	10	10	20	4	1968	455	009	>103		25	10		A2	0	3	0009
					WATER		WIND		BARO- METER		AIR TEMP °C		NO. OBS. DEPTHS	SPECIAL OBSERVATIONS								
					COLOR CODE	TRANL (M)	DIR	SPEED OF FORCE	MMHG	DRY BULB	WET BULB	VIS CODE										
					DT	SO	24	51	4	261	256	244	7	23								
MISSING TIME HR 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-20°		S Δ σ DTM, M 1/2	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg-at/l	TOTAL-P μg-at/l	NO ₂ -N μg-at/l	NO ₃ -N μg-at/l	SiO ₂ -S μg-at/l	pH	SIC				
	204	STD	0000	2638	3627	2389	0040240		0000	15394												
		OBS	0000	2638	36268	2389				15394												
		STD	0010	2556	3615	2406	0038698		0039	15376												
		OBS	0010	2556	36144	2406				15376												
	003	STD	0020	2478	3630	2448	0034730		0076	15362												
		OBS	0020	2478	36388	2448				15362												
		STD	0030	2366	3639	2481	0031580		0109	15337												
		OBS	0030	2366	36388	2481				15337												
		STD	0050	2353	3645	2490	0030861		0171	15338												
		OBS	0050	2353	36448	2490				15338												
		OBS	0070	2346	36461	2493				15339												
		STD	0075	2316	3649	2503	0029642		0447	15333												
		OBS	0075	2316	36488	2503				15333												
		STD	0100	2144	3673	2570	0023362		0513	15246												
		OBS	0100	2144	36726	2570				15246												
		STD	0125	2086	3663	2579	0022644		0571	15284												
		OBS	0125	2086	36628	2579				15284												
		STD	0150	1976	3656	2603	0020420		0425	15258												
		OBS	0150	1976	36558	2603				15258												
		STD	0200	1871	3649	2625	0018955		0422	15236												
		OBS	0200	1871	36488	2625				15236												
		STD	0250	1801	3646	2640	0017205		0511	15224												
		OBS	0250	1801	36453	2640				15224												
		STD	0300	1725	3647	2654	0016010		0594	15209												
		OBS	0300	1725	36398	2654				15209												
		STD	0400	1576	3610	2666	0015118		0650	15177												
		OBS	0400	1576	36095	2666				15177												
		STD	0500	1312	3567	2690	0012983		0990	15103												
		OBS	0500	1312	35667	2690				15103												
		STD	0600	1056	3531	2711	0010972		1410	15026												
		OBS	0600	1046	35308	2711				15026												
		STD	0700	0851	3513	2731	0009033		1410	14965												
		OBS	0700	0851	35125	2731				14965												
		STD	0800	0647	3502	2753	0006662		1490	14902												
		OBS	0800	0647	35018	2753				14902												
		STD	0900	0526	3501	2767	0005421		1451	14864												
		OBS	0900	0526	35008	2767				14864												
		STD	1000	0467	3501	2774	0004766		1432	14862												
		OBS	1000	0467	35008	2774				14862												
		STD	1100	0453	3499	2774	0004410		1450	14875												
		OBS	1100	0453	34992	2774				14875												
		STD	1200	0429	3500	2778	0004554		1497	14874												
		OBS	1200	0429	34998	2778				14874												
		STD	1300	0415	3500	2779	0004466		1442	14840												
		OBS	1300	0415	34998	2779				14840												

TABLE IV. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 1-5 October 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8059.—Continued

REFERENCE CRUISE ID. NO.	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	MARSDEN SQUARE 10° 1'	STATION TIME (GMT) MO DAY HR. 1/10	YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLES	WAVE OBSERVATIONS DIR INC PER SEC	WEA- THER CODE	CLOUD CODES TYPE AMT	NODC STATION NUMBER																										
							CRUISE NO.	STATION NUMBER																																
318059	EV	3842 N	06333 W	115 83 10	05 000	1968	A55	010	4938	25	0	X 2	01 X	0010																										
<table border="1"> <thead> <tr> <th colspan="2">WATER</th> <th colspan="2">WIND</th> <th rowspan="2">BARO- METER (mb)</th> <th colspan="2">AIR TEMP. °C</th> <th rowspan="2">S.S. CODE</th> <th rowspan="2">NO. OF DEPTHS</th> <th rowspan="2">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>COLOR CODE</th> <th>TRANS M</th> <th>DIR</th> <th>SPEED OR FORCE</th> <th>DRY BULB</th> <th>WET BULB</th> </tr> </thead> <tbody> <tr> <td>DT</td> <td>SD</td> <td>22</td> <td>S08</td> <td>26.8</td> <td>25.6</td> <td>25.0</td> <td>7</td> <td>31</td> <td></td> </tr> </tbody> </table>															WATER		WIND		BARO- METER (mb)	AIR TEMP. °C		S.S. CODE	NO. OF DEPTHS	SPECIAL OBSERVATIONS	COLOR CODE	TRANS M	DIR	SPEED OR FORCE	DRY BULB	WET BULB	DT	SD	22	S08	26.8	25.6	25.0	7	31	
WATER		WIND		BARO- METER (mb)	AIR TEMP. °C		S.S. CODE	NO. OF DEPTHS	SPECIAL OBSERVATIONS																															
COLOR CODE	TRANS M	DIR	SPEED OR FORCE		DRY BULB	WET BULB																																		
DT	SD	22	S08	26.8	25.6	25.0	7	31																																
MESSAGE TIME HR. 1/10	CASST NO.	CARD TYPE	DEPTH (M)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY (10 ³)	Σ Δ D OWN X 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg-at/l	TOTAL-P μg-at/l	NO ₃ -N μg-at/l	NO ₂ -N μg-at/l	SiO ₄ -Si μg-at/l	PH	S C C																							
		STD	0000	26.35	36.27	2393	0040176	0000	15394																															
		OBS	0000	26.36	36.268	2390			15394																															
		STD	0010	26.36	36.27	2393	0040218	0040	15395																															
		OBS	0010	26.36	36.268	2390			15395																															
		OBS	0013	25.46	36.274	2403			15387																															
		STD	0020	25.80	36.28	2408	0048494	0079	15384																															
		OBS	0020	25.80	36.281	2408			15384																															
		STD	0030	24.93	36.24	2432	0036243	0116	15365																															
		OBS	0030	24.93	36.245	2432			15365																															
		STD	0050	24.71	36.33	2445	0075088	0488	15365																															
		OBS	0050	24.71	36.328	2445			15365																															
		STD	0075	23.28	36.65	2518	0028264	0467	15333																															
		OBS	0075	23.28	36.648	2518			15333																															
		STD	0100	21.33	36.67	2570	0023433	0532	15293																															
		OBS	0100	21.33	36.675	2570			15293																															
		OBS	0115	20.46	36.986	2587			15271																															
		STD	0125	20.44	36.64	2591	0021479	0588	15273																															
		OBS	0125	20.44	36.638	2591			15273																															
		OBS	0140	20.23	36.616	2595			15268																															
		OBS	0140	19.86	36.540	2599			15259																															
		STD	0150	19.64	36.59	2609	0014893	0439	15255																															
		OBS	0150	19.64	36.584	2609			15255																															
		STD	0200	18.96	36.61	2628	0018251	0535	15244																															
		OBS	0200	18.96	36.608	2628			15244																															
		STD	0250	18.98	36.59	2636	0017658	0625	15242																															
		OBS	0250	18.98	36.586	2636			15242																															
		STD	0300	18.35	36.97	2640	0017409	0712	15243																															
		OBS	0300	18.35	36.967	2640			15243																															
		STD	0400	17.40	36.91	2647	0017064	0805	15246																															
		OBS	0400	17.40	36.912	2647			15246																															
		STD	0500	17.27	36.41	2655	0016057	1053	15243																															
		OBS	0500	17.27	36.407	2655			15243																															
		STD	0600	16.14	36.18	2664	0016013	1417	15220																															
		OBS	0600	16.14	36.179	2664			15220																															
		STD	0700	13.85	35.79	2685	0014123	1367	15160																															
		OBS	0700	13.85	35.784	2685			15162																															
		STD	0800	10.76	35.31	2711	0011135	1495	15059																															
		OBS	0800	10.56	35.306	2711			15059																															
		STD	0900	08.05	35.12	2736	0008863	1597	14981																															
		OBS	0900	08.05	35.097	2736			14981																															
		OBS	0910	07.76	35.04P	2738			14971																															
		OBS	0932	07.72	35.089	2741			14973																															
		STD	1000	06.6	35.04	2752	0007255	1677	14942																															
		OBS	1000	06.65	35.043	2752			14942																															
		OBS	1072	05.38	34.97	2763			14902																															
		STD	1100	05.34	34.99	2764	0005438	1745	14906																															
		OBS	1100	05.34	34.986	2764			14906																															
		STD	1200	04.94	35.00	2771	0005393	1800	14906																															
		OBS	1200	04.94	35.002	2771			14906																															
		STD	1300	04.67	35.00	2774	0005136	1852	14912																															
		OBS	1300	04.67	35.001	2774			14912																															
		STD	1400	04.41	35.01	2776	0004988	1903	14922																															
		OBS	1400	04.51	35.006	2776			14922																															
		STD	1500	04.35	35.00	2777	0004728	1953	14932																															
		OBS	1500	04.35	34.998	2777			14932																															

TABLE IV. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 1-5 October 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8059.—Continued

REFERENCE CTM CODE	SHIP ID NO.	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	P REV	MARSSEN SQUARE		STATION TIME LIGHTS				YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLE	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER		
						10'	1"	M	O	DAY	HR.		1/10	CRUISE NO.			STATION NUMBER	DIR.	HGT.				PER.	SEA
318059	EV		37353N	06218 W		115	72	10	03	054	1968	A55	012	5194		21	0			X2	0	3	0012	
						WATER		WIND		BARO.		AIR TEMP. °C												
						COLOR	TRANS.	DUR.	SPEED	DIR.	TEMP.	DRY	WET	NO.	SPECIAL									
						OT	SD	24	S05	261	256	250	7	32	OBSERVATIONS									
MESSING TIME HR. 1/10	CASE NO.	CARD TYPE	DEPTH M	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-20°	Σ Δ D DTN. M x 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P µg - ml/l	TOTAL-P µg - ml/l	NO ₂ -N µg - ml/l	NO ₃ -N µg - ml/l	SiO ₂ -S µg - ml/l	PH	S CODE							
	078	STD	0000	24.34	36.31	2455	Q033967	0000	15347															
		OBS	0000	24.34	36.307	2455			15347															
		STD	0010	24.34	36.31	2455	0034007	0034	15349															
		OBS	0010	24.34	36.307	2455			15349															
	003	STD	0020	24.35	36.31	2455	0034075	0068	15351															
		OBS	0020	24.35	36.307	2455			15351															
		STD	0030	24.36	36.31	2454	0034134	0102	15353															
		OBS	0030	24.36	36.309	2454			15353															
		STD	0050	24.34	36.32	2456	0034096	0170	15356															
		OBS	0050	24.34	36.317	2456			15356															
		STD	0075	21.64	36.41	2541	0026085	0245	15294															
		OBS	0075	21.64	36.408	2541			15294															
		STD	0100	19.94	36.47	2591	0021343	0304	15253															
		OBS	0100	19.94	36.468	2591			15253															
		STD	0125	19.46	36.58	2613	0019419	0355	15246															
		OBS	0125	19.46	36.580	2613			15246															
		STD	0150	18.97	36.58	2625	0018280	0402	15236															
		OBS	0150	18.97	36.582	2625			15236															
		STD	0200	18.60	36.58	2635	0017537	0442	15234															
		OBS	0200	18.60	36.584	2635			15234															
		STD	0250	18.36	36.57	2640	0017253	0579	15235															
		OBS	0250	18.36	36.567	2640			15235															
		STD	0300	18.15	36.54	2643	0017121	0665	15237															
		OBS	0300	18.15	36.540	2643			15237															
		STD	0400	17.77	36.50	2649	0016868	0835	15242															
		OBS	0400	17.77	36.496	2649			15242															
		STD	0500	17.17	36.38	2655	0016621	1002	15239															
		OBS	0500	17.17	36.378	2655			15239															
		STD	0600	16.08	36.17	2664	0015953	1165	15220															
		OBS	0600	16.08	36.168	2664			15220															
		STD	0700	14.18	35.85	2682	0014385	1317	15173															
		OBS	0700	14.18	35.848	2682			15173															
		STD	0800	11.95	35.51	2701	0012570	1452	15111															
		OBS	0800	11.95	35.509	2701			15111															
		STD	0900	09.05	35.19	2728	0009858	1564	15019															
		OBS	0900	09.05	35.186	2728			15019															
		STD	1000	06.76	35.02	2749	0007608	1651	14946															
		OBS	1000	06.76	35.017	2749			14946															
		STD	1100	05.46	35.00	2764	0005985	1719	14911															
		OBS	1100	05.46	35.002	2764			14911															
		STD	1200	04.96	35.02	2772	0005263	1775	14907															
		OBS	1200	04.96	35.022	2772			14907															
		STD	1300	04.68	35.02	2775	0005018	1827	14912															
		OBS	1300	04.68	35.019	2775			14912															
		STD	1400	04.40	35.01	2777	0004820	1876	14918															
		OBS	1400	04.40	35.009	2777			14918															
		STD	1500	04.16	34.98	2777	0004808	1924	14924															
		OBS	1500	04.16	34.980	2777			14924															
	054	OBS	T1507	04.18	34.973	2777			14926															
		STD	1750	04.01	34.97	2778	0004897	2046	14960															
		STD	2000	03.82	34.97	2780	0004874	2168	14994															
	054	OBS	T2047	03.79	34.967	2780			15001															
		STD	2300	03.46	34.97	2784	0004744	2408	15064															
	054	OBS	2540	03.43	34.967	2784			15070															
		STD	3000	03.03	34.95	2786	0004554	2641	15132															
	054	OBS	T045	02.99	34.948	2787			15136															
	054	OBS	T355	02.62	34.925	2788			15211															
		STD	4000	02.38	34.91	2789	0004347	3086	15279															
	054	OBS	4059	02.36	34.907	2789			15288															
	054	OBS	4564	02.23	34.895	2789			15372															
	054	OBS	T4663	02.26	34.896	2789			15391															

TABLE IV. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 1-5 October 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8059.—Continued

REFERENCE CRUISE CODE	SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	DEPTH METER	MAGNITUDE		STATION TIME (GMT)		YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLER	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES TFR AWT	NODC STATION NUMBER	
					10'	1"	MO	DAY		HR.	MIN.			CRUISE NO.	STATION NUMBER	DIR				HGT
318059	EV	3654 N	061385 W	115	61	10	03	158	1968	A55	014	5121		17	0		X1	0	3	0014
				WATER		WIND		BARO- METER		AIR TEMP °C		NO. OBS DEPTH		SPECIAL OBSERVATIONS						
				COLOR CODE	TRANS (M)	DIR.	SPEED OF FORCE	BARO- METER (mb)	WET BULB	WET BULB	VIS CODE									
				DT	SD	15	S10	274	267	211	7									
WISCONSIN TIME HR 1/10	CAS1 NO.	CARD TYPE	DEPTH (M)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-H18*	S.D. OM. SA x 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - dl/l	TOTAL-P μg - dl/l	NO ₃ -N μg - dl/l	NO ₂ -N μg - dl/l	SiO ₄ -S μg - dl/l	pH	S LOG			
		STD	0000	2556	3626	2414	0037857	0000	15375											
158		OBS	0000	2556	36260	2414			15375											
		STD	0010	2556	3626	2414	0037871	0037	15377											
		OBS	0010	2556	36263	2414			15377											
		STD	0020	2551	3625	2415	0037876	0075	15377											
003		OBS	0020	2551	36248	2415			15377											
		STD	0030	2544	3627	2418	0037562	0113	15378											
		OBS	0030	2544	36268	2418			15378											
		STD	0050	2406	3623	2462	0033477	0184	15349											
		OBS	0050	2406	36293	2462			15349											
		STD	0075	2344	3643	2491	0030851	0264	15339											
		OBS	0075	2344	36428	2491			15339											
		STD	0100	2238	3672	2543	0025936	0335	15320											
		OBS	0100	2238	36718	2543			15320											
		STD	0125	2184	3671	2558	0024650	0399	15311											
		OBS	0125	2184	36708	2558			15311											
		STD	0150	2038	3668	2596	0021092	0456	15276											
		OBS	0150	2038	36683	2596			15276											
		STD	0200	1936	3660	2617	0019309	0557	15255											
		OBS	0200	1936	36598	2617			15255											
		STD	0250	1859	3659	2636	0017676	0649	15242											
		OBS	0250	1859	36586	2636			15242											
		STD	0300	1816	3655	2644	0017068	0736	15237											
		OBS	0300	1816	3650	2644			15237											
		STD	0400	1766	3649	2652	0016613	0905	15239											
		OBS	0400	1766	36495	2652			15239											
		STD	0500	1696	3636	2658	0016301	1069	15233											
		OBS	0500	1696	36356	2658			15233											
		STD	0600	1549	3608	2671	0015279	1227	15201											
		OBS	0600	1549	36078	2671			15201											
		STD	0700	1329	3572	2691	0013475	1371	15142											
		OBS	0700	1329	35718	2691			15142											
		STD	0800	1106	3539	2709	0011707	1497	15078											
		OBS	0800	1106	35395	2709			15078											
		STD	0900	0869	3520	2735	0009134	1601	15006											
		OBS	0900	0869	35203	2735			15006											
		STD	1000	0658	3505	2754	0007080	1682	14940											
		OBS	1000	0658	35053	2754			14940											
		STD	1100	0551	3502	2765	0005901	1747	14913											
		OBS	1100	0551	35023	2765			14913											
		STD	1200	0493	3502	2772	0005255	1803	14906											
		OBS	1200	0493	35018	2772			14906											
		STD	1300	0466	3504	2776	0004870	1853	14912											
		OBS	1300	0466	35036	2776			14912											
		STD	1400	0434	3502	2779	0004625	1901	14915											
		OBS	1400	0434	35024	2779			14915											
		STD	1500	0414	3501	2780	0004591	1947	14924											
		OBS	1500	0414	35006	2780			14924											

TABLE IV. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 1-5 October 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8059.—Continued

REFERENCE CRUISE CODE	SHIP ID. NO.	LATITUDE 1/10	LONGITUDE 1/10	DATE MO DAY	YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	WAVE OBSERVATIONS	WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER					
						CRUISE NO.	STATION NUMBER										
318059	EV	3637 N	061246W	115	10	03	189	1968	A55	015	4928	17	0	1	X1	03	0015
				WATER		WIND		BARO- METER		AIR TEMP. °C		NO. OF SPL.		SPECIAL OBSERVATIONS			
				COLOR	TRANS- P.	DIR.	SPEED OF FORCE	DRY RUB.	WET RUB.	VIS CODE	NO. OF DEPTHS						
				DT	SD	S09	254	261	211	7	24						
MESSNGR TIME HR 1/10	CASST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-20°	$\Sigma \Delta \sigma_t$ DYN. M x 10 ²	SOUND VELOCITY	O ₂ (M)	PO ₄ -P µg-atl	TOTAL-P µg-atl	NO ₃ -N µg-atl	NO ₂ -N µg-atl	SIO ₄ -S µg-atl	PH	
	189	STD	0000	2562	3628	2414	0037866	0000	15377								
		OBS	0000	2562	3628.3	2414			15377								
		STD	0010	2559	3629	2416	0037762	0037	15378								
		OBS	0010	2559	3629.1	2416			15378								
	003	STD	0020	2555	3629	2417	0037657	0075	15379								
		OBS	0020	2555	3629.4	2417			15379								
		STD	0030	2551	3630	2418	0037571	0113	15380								
		OBS	0030	2551	3629.6	2418			15380								
		STD	0050	2486	3628	2437	0035879	0186	15368								
		OBS	0050	2486	3627.8	2437			15368								
		STD	0075	2413	3647	2473	0032526	0472	15356								
		OBS	0075	2413	3646.6	2473			15356								
		STD	0100	2336	3667	2511	0029001	0349	15344								
		OBS	0100	2336	3666.8	2511			15344								
		STD	0125	2136	3656	2560	0024452	0415	15296								
		OBS	0125	2136	3655.8	2560			15296								
		STD	0150	2044	3663	2590	0021663	0473	15277								
		OBS	0150	2044	3662.6	2590			15277								
		STD	0200	1926	3664	2623	0018738	0374	15253								
		OBS	0200	1926	3664.3	2623			15253								
		STD	0250	1860	3657	2634	0017833	0665	15244								
		OBS	0250	1860	3656.8	2634			15244								
		STD	0300	1824	3655	2641	0017278	0753	15240								
		OBS	0300	1824	3654.8	2641			15240								
		STD	0400	1748	3646	2654	0016419	0922	15233								
		OBS	0400	1748	3646.3	2654			15233								
		STD	0500	1689	3637	2661	0016027	1084	15231								
		OBS	0500	1689	3637.1	2661			15231								
		STD	0600	1538	3609	2674	0014964	1439	15198								
		OBS	0600	1538	3608.8	2674			15198								
		STD	0700	1336	3574	2691	0013474	1381	15145								
		OBS	0700	1336	3573.8	2691			15145								
		STD	0800	1036	3531	2715	0011057	1304	15052								
		OBS	0800	1036	3530.8	2715			15052								
		STD	0900	0833	3516	2737	0008871	1603	14992								
		OBS	0900	0833	3515.8	2737			14992								
		STD	1000	0638	3509	2759	0006548	1680	14932								
		OBS	1000	0638	3508.6	2759			14932								
		STD	1100	0516	3501	2769	0005494	1741	14899								
		OBS	1100	0516	3501.3	2769			14899								
		STD	1200	0473	3503	2775	0004926	1793	14898								
		OBS	1200	0473	3502.6	2775			14898								
		STD	1300	0442	3502	2778	0004630	1841	14902								
		OBS	1300	0442	3502.5	2778			14902								
		STD	1400	0422	3501	2779	0004550	1886	14910								
		OBS	1400	0422	3501.3	2779			14910								
		STD	1500	0406	3501	2781	0004466	1932	14920								
		OBS	1500	0406	3500.8	2781			14920								

TABLE IV. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 1-5 October 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8059.—Continued

REFERENCE CRUISE CODE	SHIP CODE	LATITUDE °/10'	LONGITUDE °/10'	MARSSEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	WAVE OBSERVATIONS	WEA- THER CODE	CLOUD CODES	NOOC STATION NUMBER			
					MO	DAY	HR/10'		CRUISE NO.	STATION NUMBER								
318059	EV	3607 N	06057 W		115	60	10	03	225	1968	A55	016	4920	12	0	X1	03	0016
				WATER		WIND		AIR TEMP °C		NO. OBS. DEPTH		SPECIAL OBSERVATIONS						
				COLOR CODE	TRANS. OF DISC	DIR.	SPEED OF FORCE	BARO- METER (mb)	DRY BULB	WET BULB	VIS CODE							
				01	SD	12	509	247	239	206	7	25						
MESSAGE TIME HR/10'	CASE NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-SVP	S & G DYN M X 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P µg - ml/l	TOTAL-N µg - ml/l	NO ₂ -N µg - ml/l	NO ₃ -N µg - ml/l	SiO ₄ -Si µg - ml/l	pH	U C C	
		STD	0000	2518	3628	2427	0036620	0000	15367									
	225	OBS	0000	2518	36276	2427			15367									
		STD	0010	2518	3629	2428	0036571	0036	15369									
		OBS	0010	2518	36289	2428			15369									
		STD	0020	2518	3628	2427	0036675	0073	15370									
	003	OBS	0020	2518	36280	2427			15370									
		STD	0030	2519	3628	2427	0036734	0109	15372									
		OBS	0030	2519	36281	2427			15372									
		STD	0050	2519	3629	2428	0036771	0183	15375									
		OBS	0050	2519	36288	2428			15375									
		OBS	0065	2519	36308	2429			15378									
		STD	0075	2406	3649	2477	0032171	0469	15355									
		OBS	0075	2406	36488	2477			15355									
		STD	0100	2266	3670	2534	0026845	0343	15327									
		OBS	0100	2266	36698	2534			15327									
		STD	0125	2136	3674	2574	0023122	0405	15298									
		OBS	0125	2136	36743	2574			15298									
		STD	0150	2066	3669	2589	0021785	0462	15284									
		OBS	0150	2066	36688	2589			15284									
		STD	0200	1950	3668	2619	0019060	0564	15260									
		OBS	0200	1950	36681	2619			15260									
		STD	0250	1852	3660	2638	0017430	0655	15240									
		OBS	0250	1852	36597	2638			15240									
		STD	0300	1820	3659	2646	0016862	0741	15239									
		OBS	0300	1820	36592	2646			15239									
		STD	0400	1765	3652	2654	0016384	0907	15239									
		OBS	0400	1765	36523	2654			15239									
		STD	0500	1684	3637	2662	0015897	1068	15229									
		OBS	0500	1684	36373	2662			15229									
		STD	0600	1489	3579	2677	0014612	1221	15181									
		OBS	0600	1489	35988	2677			15181									
		STD	0700	1266	3568	2701	0012441	1356	15121									
		OBS	0700	1266	35685	2701			15121									
		STD	0800	1009	3532	2720	0010515	1471	15043									
		OBS	0800	1009	35316	2720			15043									
		STD	0900	0773	3510	2741	0008358	1565	14968									
		OBS	0900	0773	35096	2741			14968									
		STD	1000	0590	3505	2763	0006086	1637	14912									
		OBS	1000	0590	35055	2763			14912									
		STD	1100	0509	3505	2773	0005104	1693	14896									
		OBS	1100	0509	35053	2773			14896									
		STD	1200	0486	3509	2778	0004662	1742	14904									
		OBS	1200	0486	35086	2778			14904									
		STD	1300	0436	3503	2780	0004488	1788	14899									
		OBS	1300	0436	35033	2780			14899									
		STD	1400	0418	3503	2781	0004361	1832	14909									
		OBS	1400	0418	35031	2781			14909									
		STD	1500	0404	3501	2781	0004406	1876	14919									
		OBS	1500	0404	35013	2781			14919									

TABLE IV. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 1-5 October 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8059.—Continued

REFERENCE CTR CODE	SHIP ID. NO.	SHIP CODE	LATITUDE ° ' /10	LONGITUDE ° ' /10	SOUNDING NO.	WATERSIDE SQUARE		STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES		NODC STATION NUMBER																									
						10'	1"	MO	DAY	HR		1/10	CRUISE NO.			STATION NUMBER	DIR	HGT		PER	1/10		1/10																								
318059	EV	3542	N	06046	W	115	50	10	04	016	1968	A55	017	4755	14	1	2	0	3		0017																										
<table border="1"> <thead> <tr> <th rowspan="3">WATER COLOR CODE</th> <th rowspan="3">TEMP °C</th> <th rowspan="3">WIND DIR</th> <th rowspan="3">WIND SPEED KTS</th> <th rowspan="3">BARO- METER (mb)</th> <th colspan="3">AIR TEMP °C</th> <th rowspan="3">NO. OBS DEPTHS</th> <th rowspan="3">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>DRY</th> <th>WET</th> <th>VIS</th> </tr> <tr> <th>BULB</th> <th>BULB</th> <th>CODE</th> </tr> </thead> <tbody> <tr> <td>DT</td> <td>SD</td> <td>14</td> <td>512</td> <td>244</td> <td>250</td> <td>239</td> <td>7</td> <td>25</td> <td></td> </tr> </tbody> </table>																						WATER COLOR CODE	TEMP °C	WIND DIR	WIND SPEED KTS	BARO- METER (mb)	AIR TEMP °C			NO. OBS DEPTHS	SPECIAL OBSERVATIONS	DRY	WET	VIS	BULB	BULB	CODE	DT	SD	14	512	244	250	239	7	25	
WATER COLOR CODE	TEMP °C	WIND DIR	WIND SPEED KTS	BARO- METER (mb)	AIR TEMP °C			NO. OBS DEPTHS	SPECIAL OBSERVATIONS																																						
					DRY	WET	VIS																																								
					BULB	BULB	CODE																																								
DT	SD	14	512	244	250	239	7	25																																							
MESSAGE TIME 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY- σ_t	$\delta \sigma_t$ 10 ³	SOUND VELOCITY	O ₂ (ml/l)	PO ₄ -P μg · ml ⁻¹	TOTAL-P μg · ml ⁻¹	NO ₃ -N μg · ml ⁻¹	NO ₂ -N μg · ml ⁻¹	SiO ₄ -Si μg · ml ⁻¹	pH	Si OC																														
	016	STD	0000	2555	3627	2415	0037730	0000	15375																																						
		OBS	0000	2555	36273	2415			15375																																						
		STD	0010	2554	3629	2417	0037634	0037	15377																																						
		OBS	0010	2554	36288	2417			15377																																						
		STD	0020	2554	3629	2417	0037639	0075	15379																																						
	003	OBS	0020	2554	36293	2417			15379																																						
		STD	0030	2554	3629	2417	0037671	0113	15380																																						
		OBS	0030	2554	36294	2417			15380																																						
		STD	0050	2525	3629	2426	0036944	0187	15377																																						
		OBS	0050	2525	36288	2426			15377																																						
		STD	0075	2437	3635	2458	0034016	0276	15361																																						
		OBS	0075	2437	36355	2458			15361																																						
		STD	0100	2250	3664	2534	0026789	0352	15322																																						
		OBS	0100	2250	36645	2534			15322																																						
		STD	0115	2146	36647	2564			15298																																						
		OBS	0125	2136	3673	2573	0023231	0414	15298																																						
		STD	0125	2136	36728	2573			15298																																						
		OBS	0150	2036	3663	2593	0021417	0470	15275																																						
		STD	0150	2036	36631	2593			15275																																						
		OBS	0150	2036	36631	2593			15275																																						
		STD	0200	1923	3663	2623	0018737	0571	15252																																						
		OBS	0200	1923	36633	2623			15252																																						
		STD	0250	1858	3658	2635	0017712	0662	15241																																						
		OBS	0250	1858	36578	2635			15241																																						
		STD	0300	1813	3653	2643	0017156	0749	15236																																						
		OBS	0300	1813	36528	2643			15236																																						
		STD	0400	1756	3646	2652	0016595	0918	15235																																						
		OBS	0400	1756	36465	2652			15235																																						
		STD	0500	1656	3628	2662	0015957	1080	15220																																						
		OBS	0500	1656	36276	2662			15220																																						
		STD	0600	1454	3592	2680	0014371	1332	15169																																						
		OBS	0600	1454	35917	2680			15169																																						
		STD	0700	1117	3539	2707	0011714	1362	15066																																						
		OBS	0700	1117	35390	2707			15066																																						
		STD	0800	0855	3513	2731	0009216	1467	14983																																						
		OBS	0800	0855	35134	2731			14983																																						
		STD	0700	0629	3501	2754	0006844	1547	14911																																						
		OBS	0700	0629	35009	2754			14911																																						
		STD	1000	0524	3501	2767	0005528	1609	14885																																						
		OBS	1000	0524	35006	2767			14885																																						
		STD	1100	0474	3501	2773	0004971	1662	14881																																						
		OBS	1100	0474	35007	2773			14881																																						
		STD	1200	0455	3501	2775	0004822	1711	14890																																						
		OBS	1200	0455	35008	2775			14890																																						
		STD	1300	0435	3501	2778	0004662	1758	14899																																						
		OBS	1300	0435	35008	2778			14899																																						
		STD	1400	0416	3500	2779	0004530	1804	14908																																						
		OBS	1400	0416	35005	2779			14908																																						
		STD	1500	0405	3500	2780	0004523	1849	14920																																						
		OBS	1500	0405	34998	2780			14920																																						

TABLE IV. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 1-5 October 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8059.—Continued

REFERENCE CITY CODE	SHIP ID. NO.	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	S 10	MERSSEN SQUARE	STATION TIME			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPL.	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER	
							11°	1'	MO. DAY HR 1/10		CRUISE NO.	STATION NUMBER			DIR	HGT	PER				DIR
318059	EV		3520 N	060251W		115	50	10	04	050	1968	A55	018	4736		12	1		X1	013	0018
WATER		WIND		BARO- METER DEPTH	AIR TEMP °C		VIS CODE	NO. OBS. DEPTH	SPECIAL OBSERVATIONS												
COLOR CODE	TRANS- MIR	DIR	SPEED OF FORCE		DRY BULB	WET BULB															
DT	SU	14	SUB	240	250	217	7	34													
MESSING TIME HR 1/10	CASID NO.	CARD TYPE	DEPTH (M)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY (δ _t)	Σ Δ D DTN M x 10 ⁻³	SOUND VELOCITY	O ₂ ml/l	PO ₂ -P μg-at/l	TOTAL-P μg-at/l	NO ₂ -N μg-at/l	NO ₃ -N μg-at/l	SiO ₄ -S μg-at/l	PH	S C				
		STD	3000	2450	3619	2441	0035248	0000	15350												
		OBS	0100	2450	36193	2441			15350												
		STD	0010	2449	3620	2442	0035234	0035	15351												
		OBS	0010	2449	36197	2442			15351												
		STD	0020	2449	3620	2442	0035265	0070	15353												
		OBS	0020	2449	36198	2442			15353												
		OBS	0020	2449	36253	2442			15354												
		STD	0030	2426	3643	2400	0032989	0104	15352												
		OBS	0030	2416	36428	2400			15352												
		STD	0050	2268	3662	2527	0027301	0164	15318												
		OBS	0050	2268	36616	2527			15316												
		STD	0075	2105	3669	2578	0027411	0217	15282												
		OBS	0075	2105	36688	2578			15282												
		STD	0100	1978	3663	2608	0019776	0460	15251												
		OBS	0100	1978	36629	2608			15251												
		STD	0125	1908	3659	2623	0018400	0327	15235												
		OBS	0125	1908	36590	2623			15235												
		STD	0150	1858	3660	2637	0017215	0372	15225												
		OBS	0150	1858	36598	2637			15225												
		STD	0200	1832	3657	2641	0016996	0457	15226												
		OBS	0200	1832	36566	2641			15226												
		STD	0250	1809	3652	2643	0016910	0342	15227												
		OBS	0250	1809	36525	2643			15227												
		STD	0300	1773	3649	2649	0016499	0626	15224												
		OBS	0300	1773	36487	2649			15224												
		OBS	0375	1679	36346	2661			15207												
		OBS	0394	1696	36334	2664			15215												
		STD	0400	1674	3637	2663	0015496	0786	15211												
		OBS	0400	1679	36368	2663			15211												
		STD	0500	1450	3590	2679	0014141	0934	14951												
		OBS	0500	1450	35877	2679			15151												
		STD	0600	1140	3544	2706	0011542	1062	15058												
		OBS	0600	1140	35440	2706			15058												
		STD	0700	0933	3519	2723	0009318	1170	14997												
		OBS	0700	0933	35189	2723			14997												
		STD	0800	0684	3503	2744	0007313	1456	14916												
		OBS	0800	0684	35035	2744			14916												
		STD	0900	0547	3502	2766	0005581	1320	14878												
		OBS	0900	0547	35025	2766			14878												
		STD	1000	0486	3502	2773	0004690	1372	14870												
		OBS	1000	0486	35025	2773			14870												
		STD	1100	0461	3503	2776	0004654	1420	14876												
		OBS	1100	0461	3503	2776			14876												
		STD	1200	0440	3503	2779	0004488	1466	14884												
		OBS	1200	0440	35027	2779			14884												
		STD	1300	0418	3501	2780	0004416	1510	14892												
		OBS	1300	0418	35011	2780			14892												
		STD	1400	0400	3501	2781	0004371	1554	14903												
		OBS	1400	0400	35007	2781			14903												
		STD	1500	0396	3500	2782	0004351	1596	14916												
		OBS	1500	0396	35005	2782			14916												
		OBS	T1575	0357	34666	2774			14924												
		STD	1750	0377	3497	2780	0004598	1711	1495												
		STD	2000	0360	3497	2782	0004567	1824	14985												
		OBS	T2147	0348	34966	2783			15005												
		STD	2500	0315	3495	2786	0004379	2048	15051												
		OBS	2677	0298	34948	2787			15074												
		STD	3000	0264	3493	2784	0004095	2260	15115												
		OBS	T3225	0247	34923	2789			15147												
		OBS	T394	0230	34903	2789			15239												
		STD	4000	0223	3490	2790	0004143	2671	15272												
		OBS	T4308	0221	34901	2790			15326												
		OBS	T4404	0222	34900	2790			15343												

TABLE V. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 7-8 November 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-1384.

REFERENCE		SHIP CODE	LATITUDE 1°10'	LONGITUDE 1°10'	MARSDEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	WAVE DEPTH OF STAPLES	WAVE OBSERVATIONS			WEATHER CODE	CLOUD CODES	NODC STATION NUMBER	
CRUISE NO.	STATION NUMBER					CRUISE NO.	STATION NUMBER	10'		1'	MO DAY HR:10			CRUISE NO.	STATION NUMBER	DR				HGT
311384	YA		3519 N	06018 W	119 50	11 07	092	1968	A56	001	4371	14	08	3	3	X1	8	5	0001	
		WATER		WIND		AIR TEMP °C														
		COLOR CODE	TRANS (m)	DIR	SPEED OF FORCE	BARO-METER (mb)	DRY BULB	WET BULB	VIS CODE	NO. OBS DEPTHS	SPECIAL OBSERVATIONS									
			04	S18	150	211	180	7	14											
REFERENCE TIME HR 1/10	CAST NO	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-δ16	S/D DYN. W X 10 ³	SOUND VELOCITY	O ₂ (ml/l)	PO ₄ -P (μg-at/l)	TOTAL-P (μg-at/l)	NO ₂ -N (μg-at/l)	NO ₃ -N (μg-at/l)	SiO ₄ -S (μg-at/l)	pH	σ _t (C)			
		STD	0000	2276	3636	2505	0029169	0000	15309											
	092	OBS	0000	2276	36359	2505			15309											
		STD	0010	2276	3636	2505	0029212	0029	15311											
		STD	0020	2277	3636	2505	0029262	0058	15313											
	092	OBS	0025	2277	36363	2505			15314											
		STD	0030	2277	3636	2505	0029303	0088	15315											
		STD	0050	2279	3636	2504	0029462	0146	15318											
	092	OBS	0050	2279	36357	2504			15316											
		STD	0075	2220	3649	2531	0026972	0217	15309											
	092	OBS	0075	2220	36493	2531			15309											
		STD	0100	2062	3667	2589	0021623	0278	15274											
	092	OBS	0100	2062	36669	2589			15274											
		STD	0125	1979	3663	2608	0019880	0330	15295											
		STD	0150	1918	3660	2622	0018651	0378	15242											
	092	OBS	0150	1918	36602	2622			15242											
		STD	0200	1861	3658	2634	0017612	0468	15234											
	092	OBS	T0200	1861	36577	2634			15234											
		STD	0250	1832	3654	2639	0017352	0556	15234											
	092	OBS	0298	1804	36499	2643			15233											
		STD	0300	1803	3650	2643	0017131	0642	15233											
	092	OBS	0394	1746	36428	2652			15231											
		STD	0400	1741	3642	2652	0016547	0610	15230											
	092	OBS	0489		36328															
		STD	0500	1625	3628	2669	0015213	0969	15210											
	092	OBS	T0585	1472	35943	2678			15173											
		STD	0600	1425	3587	2682	0014092	1116	15159											
		STD	0700	1142	3546	2707	0011673	1-45	15075											
	092	OBS	0764	0984	35264	2720			15027											
		STD	0800	0904	3520	2729	0009548	1351	15003											
		STD	0900	0711	3506	2747	0007669	1437	14944											
	092	OBS	T0951	0631	35009	2754			14920											
		STD	1000	0606	3501	2757	0006672	1509	14918											
		STD	1100	0556	3500	2763	0006125	1572	14915											
		STD	1200	0505	3507	2769	0005589	1631	14911											
		STD	1300	0454	3499	2774	0005058	1684	14906											
	092	OBS	T1368	0420	34985	2777			14904											

REFERENCE		SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	MARSDEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	WAVE DEPTH OF STAPLES	WAVE OBSERVATIONS			WEATHER CODE	CLOUD CODES	NODC STATION NUMBER	
CRUISE NO.	STATION NUMBER					CRUISE NO.	STATION NUMBER	10'		1'	MO DAY HR:10			CRUISE NO.	STATION NUMBER	DR				HGT
311384	YA		3540 N	06040 W	119 50	11 07	115	1968	A56	002	4389	14	04	3	3	X1	3	6	0002	
		WATER		WIND		AIR TEMP °C														
		COLOR CODE	TRANS (m)	DIR	SPEED OF FORCE	BARO-METER (mb)	DRY BULB	WET BULB	VIS CODE	NO. OBS DEPTHS	SPECIAL OBSERVATIONS									
			07	S18	164	251	164	8	14											
REFERENCE TIME HR 1/10	CAST NO	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-δ16	S/D DYN. W X 10 ³	SOUND VELOCITY	O ₂ (ml/l)	PO ₄ -P (μg-at/l)	TOTAL-P (μg-at/l)	NO ₂ -N (μg-at/l)	NO ₃ -N (μg-at/l)	SiO ₄ -S (μg-at/l)	pH	σ _t (C)			
		STD	0000	2297	3639	2502	0029507	0000	15315											
		OBS	0000	2297	36392	2502			15315											
		STD	0010	2297	3639	2502	0029558	0030	15317											
		STD	0020	2298	3639	2501	0029608	0059	15318											
	115	OBS	0024	2298	36392	2501			15319											
		STD	0030	2299	3639	2501	0029667	0089	15320											
	115	OBS	0047	2300	36391	2501			15323											
		STD	0050	2301	3639	2501	0029809	0148	15324											
	115	OBS	0071	2304	36387	2499			15328											
		STD	0075	2279	3644	2511	0028962	0222	15323											
	115	OBS	0094	2172	36607	2554			15301											
		STD	0100	2146	3661	2561	0024246	0288	15295											
		STD	0125	2049	3662	2588	0021728	0346	15274											
	115	OBS	0142	1995	36628	2603			15262											
		STD	0150	1975	3662	2608	0019943	0398	15258											
	115	OBS	T0188	1898	36604	2627			15243											
		STD	0200	1889	3660	2629	0018130	0493	15242											
		STD	0250	1855	3657	2635	0017693	0582	15240											
	115	OBS	0281	1836	36552	2639			15240											
		STD	0300	1827	3654	2640	0017405	0670	15240											
	115	OBS	0373	1787	36495	2647			15240											
		STD	0400	1785	3649	2647	0017100	0643	15244											
	115	OBS	0467		36437															
		STD	0500	1719	3638	2654	0016664	1012	15240											
	115	OBS	T0560	1636	36234	2663			15223											
		STD	0600	1540	3605	2671	0015279	1171	15198											
		STD	0700	1293	3564	2692	0013307	1314	15129											
	115	OBS	0743	1183	35494	2702			15097											
		STD	0800	1007	3533	2722	0010378	1433	15042											
		STD	0900	0750	3509	2744	0008044	1525	14959											
	115	OBS	T0928	0690	35040	2748			14940											
		STD	1000	0647	3503	2754	0007085	1600	14935											
		STD	1100	0587	3502	2760	0006451	1668	14927											
		STD	1200	0527	3500	2767	0005835	1730	14920											
		STD	1300	0467	3499	2773	0005222	1785	14912											
	115	OBS	T1362	0430	34981	2776			14907											

TABLE V. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 7-8 November 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-1384.—Continued

REFERENCE CRUISE CODE	SHIP ID. NO.	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	SECTION	MARSDEN SQUARE		STATION TIME (GMT)		YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLER	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER																			
						10'	1"	MO	DAY		HR	MIN			CRUISE NO.	STATION NUMBER	DIR				HGT	PER	SEA	TIME	AMT														
311384	YA		3605 N	06100 W	115	61	11	07	146	1968	A56	003	4389	16	06	3	2	X2	6	8	0003																		
<table border="1"> <thead> <tr> <th rowspan="2">WATER COLOR CODE</th> <th rowspan="2">TRANS- MIS- (m)</th> <th rowspan="2">DIR.</th> <th rowspan="2">SPEED OF FORCE</th> <th rowspan="2">BARO- METER (mbal)</th> <th colspan="2">AIR TEMP. °C</th> <th rowspan="2">NO. OBS. DEPTHS</th> <th rowspan="2">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>DRY BULB</th> <th>WET BULB</th> </tr> </thead> <tbody> <tr> <td>09</td> <td>519</td> <td></td> <td>173</td> <td>186</td> <td>161</td> <td>7</td> <td>14</td> <td></td> </tr> </tbody> </table>																				WATER COLOR CODE	TRANS- MIS- (m)	DIR.	SPEED OF FORCE	BARO- METER (mbal)	AIR TEMP. °C		NO. OBS. DEPTHS	SPECIAL OBSERVATIONS	DRY BULB	WET BULB	09	519		173	186	161	7	14	
WATER COLOR CODE	TRANS- MIS- (m)	DIR.	SPEED OF FORCE	BARO- METER (mbal)	AIR TEMP. °C		NO. OBS. DEPTHS	SPECIAL OBSERVATIONS																															
					DRY BULB	WET BULB																																	
09	519		173	186	161	7	14																																
MESSING TIME HR 1/10	CASE NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-20°	$\Sigma \Delta \sigma$ DYN. W g 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P µg - 0.1l	TOTAL-P µg - 0.1l	NO ₂ -N µg - 0.1l	NO ₃ -N µg - 0.1l	SiO ₄ -S µg - 0.1l	pH	S C																						
146		STD	0000	2312	3631	2491	0030498	0000	15318																														
		OBS	0000	2312	36312	2491			15318																														
		STD	0010	2312	3631	2491	0030556	0031	15319																														
		STD	0020	2313	3631	2491	0030604	0061	15321																														
146		OBS	0027	2313	36310	2491			15322																														
		STD	0030	2312	3632	2492	0030565	0092	15323																														
		STD	0050	2307	3638	2498	0030067	0152	15325																														
146		OBS	0054	2306	36387	2499			15326																														
		STD	0075	2259	3639	2513	0028767	0226	15318																														
146		OBS	0082		36392																																		
		STD	0100	2189	3654	2544	0025896	0294	15306																														
146		OBS	0108	2163	36586	2554			15301																														
		STD	0125	2079	3659	2578	0022764	0355	15282																														
		STD	0150	1980	3658	2604	0020364	0409	15259																														
146		OBS	0164	1937	36581	2615			15249																														
		STD	0200	1881	3657	2629	0018151	0505	15240																														
146		OBS	T0218	1857	36567	2635			15236																														
		STD	0250	1838	3655	2638	0017425	0594	15235																														
		STD	0300	1802	3651	2644	0017021	0680	15233																														
146		OBS	0326	1780	36482	2647			15230																														
		STD	0400	1716	3638	2655	0016263	0847	15222																														
146		OBS	0435	1665	36282	2660			15212																														
		STD	0500	1464	3597	2682	0013907	0997	15156																														
146		OBS	0545		35769																																		
		STD	0600	1188	3552	2703	0011864	1126	15076																														
146		OBS	T0653	1058	35329	2713			15036																														
		STD	0700	0948	3523	2724	0009872	1235	15003																														
		STD	0800	0752	3507	2742	0008058	1325	14943																														
146		OBS	0872	0643	34995	2751			14912																														
		STD	0900	0617	3499	2754	0006806	1399	14906																														
		STD	1000	0534	3499	2765	0005785	1462	14889																														
146		OBS	1092	0472	34988	2772			14879																														
		STD	1100	0471	3499	2772	0005073	1516	14880																														
		STD	1200	0457	3499	2773	0005022	1567	14891																														
		STD	1300	0444	3498	2775	0004973	1617	14902																														
		STD	1400	0430	3498	2776	0004913	1666	14913																														
		STD	1500	0416	3498	2777	0004849	1715	14924																														
146		OBS	1642	0397	34970	2779			14940																														

REFERENCE CRUISE CODE	SHIP ID. NO.	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	SECTION	MARSDEN SQUARE		STATION TIME (GMT)		YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLER	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER																			
						10'	1"	MO	DAY		HR	MIN			CRUISE NO.	STATION NUMBER	DIR				HGT	PER	SEA	TIME	AMT														
311384	YA		3630 N	06120 W	115	61	11	07	184	1968	A56	004	4572	16	02	5	3	X1	8	7	0004																		
<table border="1"> <thead> <tr> <th rowspan="2">WATER COLOR CODE</th> <th rowspan="2">TRANS- MIS- (m)</th> <th rowspan="2">DIR.</th> <th rowspan="2">SPEED OF FORCE</th> <th rowspan="2">BARO- METER (mbal)</th> <th colspan="2">AIR TEMP. °C</th> <th rowspan="2">NO. OBS. DEPTHS</th> <th rowspan="2">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>DRY BULB</th> <th>WET BULB</th> </tr> </thead> <tbody> <tr> <td>09</td> <td>521</td> <td></td> <td>169</td> <td>182</td> <td>152</td> <td>8</td> <td>13</td> <td></td> </tr> </tbody> </table>																				WATER COLOR CODE	TRANS- MIS- (m)	DIR.	SPEED OF FORCE	BARO- METER (mbal)	AIR TEMP. °C		NO. OBS. DEPTHS	SPECIAL OBSERVATIONS	DRY BULB	WET BULB	09	521		169	182	152	8	13	
WATER COLOR CODE	TRANS- MIS- (m)	DIR.	SPEED OF FORCE	BARO- METER (mbal)	AIR TEMP. °C		NO. OBS. DEPTHS	SPECIAL OBSERVATIONS																															
					DRY BULB	WET BULB																																	
09	521		169	182	152	8	13																																
MESSING TIME HR 1/10	CASE NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-20°	$\Sigma \Delta \sigma$ DYN. W g 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P µg - 0.1l	TOTAL-P µg - 0.1l	NO ₂ -N µg - 0.1l	NO ₃ -N µg - 0.1l	SiO ₄ -S µg - 0.1l	pH	S C																						
184		OBS	0022	2164	36012	2511			15280																														
		STD	0030	2153	3599	2512	0028640		15279																														
184		OBS	0045	2138	35960	2514			15277																														
		STD	0050	2138	3596	2514	0028537		15278																														
184		OBS	0067	2128	35945	2515			15278																														
		STD	0075	2116	3594	2519	0028187		15276																														
184		OBS	0089	2094	35922	2523			15272																														
		STD	0100	1923	3591	2568	0023602		15227																														
		STD	0125	1630	3588	2637	0017029		15145																														
184		OBS	0133	1565	35875	2652			15127																														
		STD	0150	1518	3587	2662	0014759		15115																														
184		OBS	T0175	1490	35854	2676			15097																														
		STD	0200	1389	3576	2682	0013001		15080																														
		STD	0250	1256	3558	2695	0011829		15042																														
184		OBS	0257	1236	35556	2697			15036																														
		STD	0300	1096	3538	2710	0010465		14992																														
184		OBS	T0332	1008	35269	2717			14965																														
		STD	0400	0872	3513	2728	0008761		14924																														
184		OBS	0421	0835	35095	2731			14913																														
		STD	0500	0713	3503	2744	0007280		14878																														
184		OBS	T0508	0702	35028	2746			14875																														
		STD	0600	0590	3500	2759	0005948		14845																														
184		OBS	0607	0516	34990	2767			14830																														
		STD	0700	0512	3499	2767	0005135		14830																														
		STD	0800	0484	3499	2771	0004896		14835																														
184		OBS	T0874	0466	34988	2773			14840																														
		STD	0900	0460	3499	2773	0004725		14842																														
		STD	1000	0440	3498	2775	0004608		14850																														
		STD	1100	0423	3498	2777	0004530		14860																														
		STD	1200	0410	3497	2778	0004491		14871																														
		STD	1300	0401	3497	2778	0004506		14884																														
184		OBS	T1371	0397	34966	2778			14894																														

TABLE V. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 7-8 November 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-1384.—Continued

REFERENCE CTM CODE	SHIP ID. NO.	SHIP CODE	LATITUDE °	LONGITUDE °	SECTION NO.	MARSDEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLE	WAVE OBSERVATIONS			WEA- TH- ER CODE	CLOUD CODES	NODC STATION NUMBER	
							10'	1'	MO		DAY	HR			MIN	CRUISE NO.	STATION NUMBER				DR
						WATER			WIND		AIR TEMP. °C		NO. OBS. DEPTHS		SPECIAL OBSERVATIONS						
						COLOR CODE		TRANSL. (mm)	DIR.	SPEED OF FORCE	BARO- METER (mb)	DRY BULB	WET BULB	VIS. CODE							
						11		524		156	210	160	7	13							
MESSAGE TIME HR	1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY (10 ⁻³)	S.D.D. OTN. M 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg-at/l	TOTAL-P μg-at/l	NO ₃ -N μg-at/l	NO ₂ -N μg-at/l	SiO ₄ -Si μg-at/l	pH	σ _t	σ _θ		
			STD	0000	2343	3639	2488	0030797	0000	15326											
025		OBS	0000		2343	3639	2488			15326											
		STD	0010		2342	3639	2488	0030806	0031	15328											
		STD	0020		2341	3639	2489	0030815	0062	15329											
025		OBS	0027		2340	36386	2489			15330											
		STD	0030		2341	3639	2489	0030875	0092	15330											
		STD	0050		2344	3639	2488	0031010	0154	15335											
025		OBS	0053		2344	36390	2488			15335											
		STD	0075		2334	3638	2490	0030945	0432	15336											
025		OBS	0080		2327	36373	2492			15335											
		STD	0100		2283	3650	2514	0028738	0306	15329											
025		OBS	0107		2263	36540	2523			15326											
		STD	0125		2166	3660	2555	0024945	0373	15305											
		STD	0150		2055	3665	2589	0021767	0432	15280											
025		OBS	0161		2015	36662	2601			15271											
		STD	0200		1921	3661	2621	0018847	0533	15251											
025		OBS	T0214		1895	36593	2627			15246											
		STD	0250		1871	3657	2631	0018083	0626	15245											
		STD	0300		1838	3654	2637	0017672	0715	15243											
025		OBS	0320		1825	36523	2639			15243											
		STD	0400		1773	3646	2647	0017030	0889	15240											
025		OBS	0424		1754	36437	2650			15238											
		STD	0500		1726	3636	2651	0016973	1059	15242											
		STD	0600		1597	3615	2666	0015831	1223	15217											
025		OBS	0634		1530	36049	2673			15200											
		STD	0700		1278	3568	2698	0012716	1365	15125											
		STD	0800		0963	3526	2724	0010116	1480	15025											
025		OBS	0843		0853	35132	2732			14990											
		STD	0900		0751	3508	2743	0008135	1571	14960											
		STD	1000		0600	3500	2757	0006628	1645	14916											
025		OBS	T1055		0532	34969	2763			14897											
		STD	1100		0522	3497	2765	0005893	1707	14901											
		STD	1200		0501	3497	2767	0005700	1765	14909											
		STD	1300		0479	3497	2770	0005503	1821	14917											
		STD	1400		0458	3498	2772	0005310	1875	14925											
		STD	1500		0436	3498	2775	0005104	1927	14932											
025		OBS	T1590		0417	34979	2777			14940											

REFERENCE CTM CODE	SHIP ID. NO.	SHIP CODE	LATITUDE °	LONGITUDE °	SECTION NO.	MARSDEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLE	WAVE OBSERVATIONS			WEA- TH- ER CODE	CLOUD CODES	NODC STATION NUMBER	
							10'	1'	MO		DAY	HR			MIN	CRUISE NO.	STATION NUMBER				DR
						WATER			WIND		AIR TEMP. °C		NO. OBS. DEPTHS		SPECIAL OBSERVATIONS						
						COLOR CODE		TRANSL. (mm)	DIR.	SPEED OF FORCE	BARO- METER (mb)	DRY BULB	WET BULB	VIS. CODE							
						15		526		139	200	170	7	13							
MESSAGE TIME HR	1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY (10 ⁻³)	S.D.D. OTN. M 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg-at/l	TOTAL-P μg-at/l	NO ₃ -N μg-at/l	NO ₂ -N μg-at/l	SiO ₄ -Si μg-at/l	pH	σ _t	σ _θ		
			STD	0000	2312	3635	2494	0030246	0000	15318											
044		OBS	0000		2312	36347	2494			15318											
		STD	0010		2315																
		STD	0020		2316																
044		OBS	0028		2317																
		STD	0030		2317																
		STD	0050		2315																
044		OBS	0054		2314																
		STD	0075		2315																
044		OBS	0082		2315																
		STD	0100		2309																
044		OBS	0109		2306																
		STD	0125		2228																
		STD	0150		2121																
044		OBS	0164		2069																
		STD	0200		1966																
044		OBS	T0217		1928																
		STD	0250		1897																
		STD	0300		1858																
044		OBS	0326		1841																
		STD	0400		1813																
044		OBS	T0434		1794																
		STD	0500		1766																
		STD	0600		1640																
044		OBS	T0654		1570																
		STD	0700		1434																
		STD	0800		1163																
044		OBS	0864		1008																
		STD	0900		0925																
		STD	1000		0722																
044		OBS	T1085		0584																
		STD	1100		0579																
		STD	1200		0546																
		STD	1300		0513																
		STD	1400		0480																
		STD	1500		0447																
044		OBS	T1607		0411	34975	2778			14940											

TABLE V. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 7-8 November 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-1384.—Continued

REFERENCE CITY CODE	SHIP ID NO.	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	# OF SUN DISC	MARSDEN SQUARE			STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SWATH	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER
						10'	1"	MO	DAY	HR	1/10		CRUISE NO.	STATION NUMBER			DIR	HGT	PER			
311384	YA		3810 N	06240 W		115	82	11	08	093	1968	A56	009	4818	04	16	3	2	X1	8	6	0009
						WATER			WIND			AIR TEMP °C			NO OBS DEPTHS			SPECIAL OBSERVATIONS				
						COLOR CODE	TRANSP Wt	DIR	SPEED OF FORCE	BARO-METER (mb)	DRY BUL	WET BUL	Wt CODE									
						17	525	092	212	196	7	09										
MISSING TIME NR 1/10	CAS NO	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-δ _σ ^t	Σ Δ σ DIN. M δ 10 ³	SOUND VELOCITY	O ₂ (ml/l)	PO ₄ -P μg - δ ¹¹	TOTAL-P μg - δ ¹¹	NO ₂ -N μg - δ ¹¹	NO ₃ -N μg - δ ¹¹	SiO ₄ -S μg - δ ¹¹	PH	CHLOROPHYLL					
		STD	0000	2325	3640	2494	0030238	0000	15322													
	093	OBS	0000	2325	36398	2494			15322													
		STD	0010	2299	3640	2501	0029573	0030	15317													
		STD	0020	2281	3639	2506	0029139	0059	15314													
	093	OBS	0026	2273	36392	2509			15313													
		STD	0030	2273	3639	2509	0028953	0088	15314													
		STD	0050	2270	3639	2509	0028983	0146	15316													
	093	OBS	0052	2270	36390	2509			15317													
		STD	0075	2258	3639	2513	0026729	0218	15317													
	093	OBS	0078		36391																	
		STD	0100	2244	3644	2520	0028108	0289	15319													
	093	OBS	0104	2242	36448	2522			15319													
		STD	0125	2151	3656	2556	0024834	0356	15300													
		STD	0150	2061	3664	2587	0021994	0414	15282													
	093	OBS	0156	2043	36654	2593			15278													
		STD	0200	1950	3662	2615	0019498	0518	15259													
	093	OBS	T0208	1936	36614	2618			15257													
		STD	0250	1895	3660	2627	0018456	0613	15252													
		STD	0300	1854	3657	2636	0017844	0704	15248													
	093	OBS	0312	1845	36564	2637			15248													
		STD	0400	1797	3650	2645	0017316	0879	15248													
	093	OBS	0415	1791	36490	2645			15248													

REFERENCE CITY CODE	SHIP ID NO.	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	# OF SUN DISC	MARSDEN SQUARE			STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SWATH	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER
						10'	1"	MO	DAY	HR	1/10		CRUISE NO.	STATION NUMBER			DIR	HGT	PER			
311384	YA		3838 N	06253 W		115	82	11	08	117	1968	A56	010	4572	08	14	2	2	X1	8	4	0010
						WATER			WIND			AIR TEMP °C			NO OBS DEPTHS			SPECIAL OBSERVATIONS				
						COLOR CODE	TRANSP Wt	DIR	SPEED OF FORCE	BARO-METER (mb)	DRY BUL	WET BUL	Wt CODE									
						18	515	086	212	196	8	12										
MISSING TIME NR 1/10	CAS NO	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-δ _σ ^t	Σ Δ σ DIN. M δ 10 ³	SOUND VELOCITY	O ₂ (ml/l)	PO ₄ -P μg - δ ¹¹	TOTAL-P μg - δ ¹¹	NO ₂ -N μg - δ ¹¹	NO ₃ -N μg - δ ¹¹	SiO ₄ -S μg - δ ¹¹	PH	CHLOROPHYLL					
		STD	0000	2234																		
	117	OBS	0000	2234																		
		STD	0010	2234																		
		STD	0020	2234																		
	117	OBS	0027	2234	36355	2517			15303													
		STD	0030	2235	3636	2517	0028163		15304													
		STD	0050	2238	3638	2517	0028205		15308													
	117	OBS	0052	2238	36377	2517			15308													
		STD	0075	2236	3638	2518	0028235		15312													
	117	OBS	0078	2235	36378	2518			15312													
		STD	0100	2221	3645	2528	0027406		15313													
	117	OBS	0103	2216	36456	2530			15312													
		STD	0125	2101	3656	2570	0023517		15287													
		STD	0150	2000	3663	2602	0020503		15265													
	117	OBS	0155	1984	36640	2607			15262													
		STD	0200	1900	3660	2626	0018429		15245													
	117	OBS	T0205	1893	36591	2627			15244													
		STD	0250	1854	3659	2637	0017517		15240													
		STD	0300	1820	3659	2646	0016875		15239													
	117	OBS	0303	1818	36590	2646			15239													
	117	OBS	0349	1779	36646	2660			15244													
		STD	0400	1778	3664	2660	0015850		15244													
	117	OBS	0445		36409																	
		STD	0500	1704	3639	2659	0016240		15235													
	117	OBS	T0590	1598	36148	2665			15215													
		STD	0600	1584	3612	2666	0015755		15212													
		STD	0700	1418	3588	2685	0014155		15173													
	117	OBS	0777	1258	35711	2705			15131													

TABLE V. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 7-8 November 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-1384.—Continued

REFERENCE CITY CODE	SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	MARBON SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLER	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES		NODC STATION NUMBER
					10'	1'	10"		MO	DAY			HR./10	CRUISE NO.	STATION NUMBER		DIR	HGT	
311384	YA	3925 N	06341 W		115	93	11 08 186	1968	A56	011	4663	14	23	3	X6	6	8	0011	
				WATER		WIND		BARO- METER		AIR TEMP °C		WET BULB		SPECIAL OBSERVATIONS					
				COLOR CODE		DIR. OF FOUR		METER (mbst)		DRY BULB		WET BULB							
				23		S37		000		162		152		7					
REFERENCE HR. 1/10	CASST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY- σ_{θ}	$\Sigma \Delta \sigma$ DTM $\times 10^3$	SOUND VELOCITY	O ₂ ml/l	PO ₂ -P µg - ml/l	TOTAL-P µg - ml/l	NO ₃ -N µg - ml/l	NO ₃ -N µg - ml/l	SI O ₄ -S µg - ml/l	pH	S CTD		
186		STD	0000	2010	3570	2529	0026941	0000	15232										
		OBS	0000	2010	35699	2529			15232										
		STD	0010	2013	3570	2528	0027024	0027	15235										
		STD	0020	2016	3571	2528	0027109	0054	15237										
186		OBS	0022	2016	35706	2528			15238										
		STD	0030	2015	3571	2528	0027104	0081	15239										
186		OBS	0045	2014	35714	2529			15241										
		STD	0050	1996	3571	2533	0026697	0135	15237										
186		OBS	0067	1936	35693	2548			15223										
		STD	0075	1754	3569	2593	0021066	0195	15172										
186		OBS	0089	1510	35679	2649			15100										
		STD	0100	1473	3568	2657	0015006	0240	15090										
		STD	0125	1392	3569	2675	0013372	0275	15068										
186		OBS	0134	1364	35690	2681			15060										
		STD	0150	1316	3565	2688	0012209	0307	15047										
186		OBS	10179	1233	35562	2696			15022										
		STD	0200	1172	3548	2703	0010858	0365	15004										
		STD	0250	1040	3531	2714	0009885	0417	14963										
186		OBS	0270	0993	35259	2719			14949										
		STD	0300	0935	3520	2724	0009052	0464	14932										
186		OBS	10360	0817	35103	2735			14896										
		STD	0400	0724	3505	2744	0007126	0545	14866										
186		OBS	0450	0635	35007	2753			14839										
		STD	0500	0584	3499	2759	0005806	0610	14826										
186		OBS	10540	0550	34984	2762			14819										
		STD	0600	0517	3498	2766	0005129	0664	14816										
		STD	0700	0474	3498	2771	0004718	0714	14815										
186		OBS	0720	0467	34982	2772			14815										
		STD	0800	0452	3498	2774	0004572	0760	14822										
		STD	0900	0432	3497	2775	0004476	0805	14830										
186		OBS	10901	0432	34974	2775			14831										
		STD	1000	0417	3497	2777	0004417	0850	14841										
		STD	1100	0405	3497	2778	0004364	0894	14852										
		STD	1200	0396	3497	2779	0004344	0937	14865										
		STD	1300	0390	3497	2779	0004358	0981	14880										
186		OBS	11375	0387	34967	2780			14891										
REFERENCE CITY CODE	SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	MARBON SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLER	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES		NODC STATION NUMBER
311384	YA	3950 N	06400 W		115	94	11 08 215		1968	A56			012	4572	16		26	3	
				WATER		WIND		BARO- METER		AIR TEMP °C		WET BULB		SPECIAL OBSERVATIONS					
				COLOR CODE		DIR. OF FOUR		METER (mbst)		DRY BULB		WET BULB							
				26		S39		996		168		155		7					
REFERENCE HR. 1/10	CASST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY- σ_{θ}	$\Sigma \Delta \sigma$ DTM $\times 10^3$	SOUND VELOCITY	O ₂ ml/l	PO ₂ -P µg - ml/l	TOTAL-P µg - ml/l	NO ₃ -N µg - ml/l	NO ₃ -N µg - ml/l	SI O ₄ -S µg - ml/l	pH	S CTD		
215		STD	0000	1966	3549	2524	0027383	0000	15218										
		OBS	0000	1966	35486	2524			15218										
		STD	0010	1967	3549	2524	0027455	0027	15220										
		STD	0020	1968	3548	2523	0027526	0055	15222										
215		OBS	0026	1969	35483	2523			15223										
		STD	0030	1918	3549	2537	0026276	0082	15209										
		STD	0050	1712	3557	2594	0020888	0129	15154										
215		OBS	0052	1696	35587	2599			15150										
		STD	0075	1569	3581	2646	0016039	0175	15118										
215		OBS	0078	1556	35832	2651			15114										
		STD	0100	1495	3588	2668	0014023	0213	15100										
		STD	0104	1483	35889	2671			15096										
		STD	0125	1402	3579	2681	0012829	0246	15073										
		STD	0150	1309	3567	2691	0011926	0277	15045										
215		OBS	0147	1284	35636	2694			15037										
		STD	0200	1137	3543	2706	0010590	0334	14991										
215		OBS	10209	1109	35396	2709			14982										
		STD	0250	1010	3528	2717	0009596	0384	14952										
		STD	0300	0897	3517	2728	0008664	0430	14917										
215		OBS	0313	0869	35144	2730			14909										
		STD	0400	0691	3504	2748	0006733	0507	14853										
215		OBS	10419	0661	35023	2751			14844										
		STD	0500	0578	3500	2760	0005654	0569	14824										
215		OBS	0520	0561	34998	2762			14821										
		STD	0600	0512	3500	2768	0004955	0622	14814										
215		OBS	10618	0503	34998	2769			14813										
		STD	0700	0481	3500	2772	0004671	0670	14818										
		STD	0800	0457	3500	2775	0004485	0716	14824										
215		OBS	0840	0451	35001	2775			14827										
		STD	0900	0438	3499	2776	0004399	0760	14833										
		STD	1000	0421	3498	2777	0004370	0804	14843										
215		OBS	11041	0416	34980	2777			14846										
		STD	1100	0407	3498	2778	0004322	0847	14853										
		STD	1200	0395	3498	2780	0004272	0890	14865										
		STD	1300	0387	3498	2780	0004269	0933	14878										
		STD	1400	0382	3498	2781	0004308	0976	14893										
		STD	1500	0379	3497	2781	0004362	1019	14909										
215		OBS	11547	0379	34973	2781			14923										

TABLE VI. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 20-22 April 1969, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-1479.

REFERENCE SHIP ID. NO.	SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	MOON PHASE	WADSWORTH SQUARE		STATION TIME (GMT)		YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SWATH	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODE	NODC STATION NUMBER		
					10°	1'	10°	1'		DAY	HR			MIN	CRUISE NO.	STATION NUMBER				DR	NG
311479	YA	3530 N	06036 W		115	50	04	20	011	1969	A57	001	4480	12	18	4	13	X2	B	8	0001
												WATER		WIND		AIR TEMP °C		NO. OBS. DEPTHS		SPECIAL OBSERVATIONS	
												COLOR CODE	TANK NO.	DIR.	SPED OF FORCE	BARO-METER (MMHg)	DRY BULB	WET BULB	VIS CODE		
												18	522	208	186	178	7	12			
MISSING TIME HR 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY-σ _t	Σ Δ D DYN. W x 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₃ -N μg - ml/l	NO ₂ -N μg - ml/l	SiO ₄ -Si μg - ml/l	PH	S CODE				
		STD	0000		3657																
011	OBS	0000			36566																
011	OBS	0006		1842	36570	2639			15197												
	STD	0010		1842	3657	2639	0016520		15197												
	STD	0020		1841	3657	2639	0016534		15199												
	STD	0030		1840	3657	2639	0016541		15200												
011	OBS	0038		1839	36571	2639			15201												
	STD	0050		1831	3657	2641	0016408		15201												
	STD	0075		1813	3656	2645	0016139		15200												
011	OBS	0077		1811	36555	2645			15199												
	STD	0100		1785	3652	2649	0016853		15195												
011	OBS	T0116		1774	36510	2651			15194												
	STD	0125		1775	3651	2651	0015767		15196												
	STD	0150		1776	3651	2650	0015893		15201												
011	OBS	0161		1777	36498	2649			15203												
	STD	0200		1727	3642	2656	0015540		15193												
011	OBS	0201		1726	36421	2656			15193												
011	OBS	0244		1706	36409	2660			15194												
	STD	0240		1704	3641	2660	0015310		15195												
	STD	0300		1689	3637	2661	0015384		15198												
	STD	0400		1659	3630	2663	0015523		15205												
011	OBS	0411		1656	36293	2663			15205												
	STD	0500		1435	3589	2682	0013871		15146												
	STD	0600		1216	3556	2701	0012111		15086												
011	OBS	0609		1198	35534	2703			15081												
	STD	0700		1037	3546	2727	0009746		15038												
	STD	0800		0881	3538	2747	0007848		14996												
011	OBS	T0863		0795	35332	2756			14974												
	STD	0900		0749	3530	2761	0006493		14962												
	STD	1000		0639	3522	2770	0005577		14934												
	STD	1100		0552	3513	2774	0005128		14915												
	STD	1200		0488	3504	2774	0005028		14904												
011	OBS	T1249		0465	34994	2773			14902												

REFERENCE SHIP ID. NO.	SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	MOON PHASE	WADSWORTH SQUARE		STATION TIME (GMT)		YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SWATH	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODE	NODC STATION NUMBER		
					10°	1'	10°	1'		DAY	HR			MIN	CRUISE NO.	STATION NUMBER				DR	NG
311479	YA	3600 N	06057 W		115	60	04	20	044	1969	A57	002	4535	13	18	4	13	X2	3	8	0002
												WATER		WIND		AIR TEMP °C		NO. OBS. DEPTHS		SPECIAL OBSERVATIONS	
												COLOR CODE	TANK NO.	DIR.	SPED OF FORCE	BARO-METER (MMHg)	DRY BULB	WET BULB	VIS CODE		
												18	522	191	186	181	7	11			
MISSING TIME HR 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY-σ _t	Σ Δ D DYN. W x 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₃ -N μg - ml/l	NO ₂ -N μg - ml/l	SiO ₄ -Si μg - ml/l	PH	S CODE				
		STD	0000		1848	3650	2632		15197												
	OBS	0000		1848	36501	2632	0017139	0000	15197												
044	OBS	0009		1834	36461	2632			15194												
	STD	0010		1834	3646	2632	0017115	0017	15194												
	STD	0020		1834	3648	2634	0016998	0034	15196												
	STD	0030		1830	3651	2637	0016785	0051	15196												
044	OBS	0030		1830	36505	2637			15196												
044	OBS	0048		1816	36495	2639			15195												
	STD	0050		1812	3649	2640	0016536	0084	15194												
	STD	0075		1771	3647	2649	0015800	0125	15186												
044	OBS	0095		1746	36449	2653			15182												
	STD	0100		1742	3644	2653	0015426	0164	15182												
	STD	0125		1722	3643	2658	0015120	0202	15180												
044	OBS	T0135		1716	36420	2658			15179												
	STD	0150		1715	3642	2658	0015116	0240	15182												
	STD	0200		1711	3641	2659	0015264	0316	15189												
	STD	0250		1706	3641	2660	0015316	0392	15195												
044	OBS	0263		1705	36402	2659			15197												
	STD	0300		1700	3639	2660	0015500	0469	15201												
	STD	0400		1662	3630	2662	0015592	0625	15205												
044	OBS	T0458		1594	36176	2668			15193												
	STD	0500		1533	3609	2676	0014532	0775	15180												
044	OBS	0546		1467	36001	2683			15165												
	STD	0600		1390	3590	2692	0013139	0914	15148												
	STD	0700		1251	3572	2707	0011888	1039	15116												
	STD	0800		1115	3556	2720	0010675	1152	15084												
	STD	0900		0982	3542	2733	0009691	1252	15051												
	STD	1000		0852	3529	2744	0008401	1342	15018												
	STD	1100		0725	3518	2755	0007324	1421	14984												
	STD	1200		0602	3508	2763	0006339	1489	14951												
	STD	1300		0482	3500	2772	0005350	1547	14918												
044	OBS	T1399		0436	34977	2775			14905												

TABLE VI. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 20-22 April 1969, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-1479.—Continued

REFERENCE CITY CODE	SHIP ID NO.	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	Z COR 1/10	MERIDIAN SQUARE		STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES (T/I) (A/M)	NODC STATION NUMBER	
						10"	1"	MO	DAY	HR		MIN	CRUISE NO.			STATION NUMBER	DIR	HGT				PER
						WATER COLOR CODE	WIND TRANS UNITS	WIND DIR	WIND SPEED OR FORCE	BARO- METER UNITS	AIR TEMP. °C		NO. OBS. DEPTH	SPECIAL OBSERVATIONS								
						18	522	192	191	182	7	11										
MESSING TIME HR 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY- σ_{θ}	S.D. Δ DYN. M 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₂ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₂ -N μg - ml/l	NO ₃ -N μg - ml/l	SiO ₄ -S μg - ml/l	pH						
		STD	0000	1740	3640	2651	0015328	0000	15164													
078		OBS	0000	1740	36400	2651			15164													
078		OBS	0009	1738	36412	2652			15165													
		STD	0010	1738	3641	2652	0015229	0015	15165													
		STD	0020	1737	3641	2653	0015240	0031	15167													
		STD	0030	1732	3641	2654	0015166	0046	15167													
078		OBS	0032	1730	36411	2654			15167													
		STD	0050	1709	3641	2659	0014691	0076	15163													
078		OBS	0050	1709	36413	2659			15163													
		STD	0075	1698	3639	2660	0014669	0112	15164													
		STD	0100	1690	3637	2661	0014716	0149	15165													
078		OBS	0102	1689	36371	2661			15165													
		STD	0125	1685	3635	2660	0014852	0186	15168													
078		OBS	T0148	1680	36329	2660			15170													
		STD	0150	1680	3633	2660	0014972	0223	15170													
		STD	0200	1669	3630	2660	0015083	0298	15175													
		STD	0250	1658	3627	2661	0015195	0374	15179													
078		OBS	0276	1652	36260	2661			15182													
		STD	0300	1621	3618	2662	0015210	0450	15175													
078		OBS	0379	1515	35968	2670			15153													
		STD	0400	1489	3594	2674	0014364	0598	15148													
		STD	0500	1343	3581	2695	0012546	0733	15115													
078		OBS	0513	1288	35764	2703			15102													
		STD	0600	1106	3563	2727	0009528	0843	15048													
		STD	0700	0872	3545	2753	0006994	0925	14977													
		STD	0800	0684	3530	2770	0005348	0987	14920													
078		OBS	T0825	0644	35262	2772			14908													
		STD	0900	0608	3517	2770	0005358	1041	14905													
		STD	1000	0561	3508	2769	0005486	1095	14901													
		STD	1100	0513	3502	2770	0005396	1149	14898													
		STD	1200	0465	3499	2773	0005089	1202	14894													
078		OBS	T1246	0424	34980	2777			14891													

REFERENCE CITY CODE	SHIP ID NO.	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	Z COR 1/10	MERIDIAN SQUARE		STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES (T/I) (A/M)	NODC STATION NUMBER	
						10"	1"	MO	DAY	HR		MIN	CRUISE NO.			STATION NUMBER	DIR	HGT				PER
						WATER COLOR CODE	WIND TRANS UNITS	WIND DIR	WIND SPEED OR FORCE	BARO- METER UNITS	AIR TEMP. °C		NO. OBS. DEPTH	SPECIAL OBSERVATIONS								
						20	527	131	190	179	6	13										
MESSING TIME HR 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY- σ_{θ}	S.D. Δ DYN. M 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₂ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₂ -N μg - ml/l	NO ₃ -N μg - ml/l	SiO ₄ -S μg - ml/l	pH						
		STD	0000	1757	3651	2655	0014908	0000	15171													
119		OBS	0000	1757	36512	2655			15171													
119		OBS	0008	1752	36502	2656			15170													
		STD	0010	1752	3650	2656	0014897	0015	15171													
		STD	0020	1751	3651	2656	0014896	0030	15172													
119		OBS	0025	1751	36506	2656			15173													
		STD	0030	1752	3651	2656	0014930	0045	15174													
		STD	0050	1754	3651	2656	0015043	0075	15178													
119		OBS	0061	1755	36507	2655			15180													
		STD	0075	1751	3650	2656	0015114	0112	15181													
119		OBS	0083	1747	36492	2656			15181													
		STD	0100	1732	3649	2660	0014846	0150	15179													
		STD	0125	1714	3648	2663	0014558	0187	15178													
119		OBS	0126	1713	36482	2664			15178													
		STD	0150	1712	3648	2664	0014611	0223	15181													
		STD	0200	1708	3647	2664	0014760	0296	15188													
119		OBS	0244	1702	36454	2664			15192													
		STD	0250	1697	3645	2665	0014859	0371	15193													
		STD	0300	1682	3642	2666	0014885	0445	15196													
119		OBS	T0338	1671	36395	2667			15199													
		STD	0400	1636	3617	2665	0015263	0596	15187													
119		OBS	T0432	1561	36061	2667			15177													
		STD	0500	1428	3588	2682	0013796	0741	15144													
119		OBS	0546	1356	35785	2690			15125													
		STD	0600	1206	3557	2704	0011845	0869	15082													
		STD	0700	0993	3532	2723	0009991	0978	15020													
119		OBS	0750	0897	35226	2732			14992													
		STD	0800	0804	3519	2744	0007989	1068	14965													
		STD	0900	0643	3514	2763	0006076	1110	14918													
119		OBS	T0463	0560	35106	2771			14895													
		STD	1000	0550	3509	2771	0005268	1145	14897													
		STD	1100	0523	3505	2771	0005313	1248	14902													
		STD	1200	0496	3502	2772	0005282	1301	14907													
		STD	1300	0469	3500	2773	0005171	1353	14913													
		STD	1400	0442	3498	2775	0005056	1405	14918													
119		OBS	T1499	0415	34979	2778			14923													

TABLE VI. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 20-22 April 1969, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-1479.—Continued

REFERENCE CRUISE ID NO.	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	DEPTH M	MARSDEN SQUARE		STATION TIME (GMT)		YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLE	WAVE OBSERVATIONS	WEA- TH CODE	CLOUD CODES	NODC STATION NUMBER							
					10'	5"	MO	DAY		HRS	MIN							CRUISE NO.	STATION NUMBER					
311479	YA	3730 N	0620R W		115	172	04	20	148	1969	A57	005	4846	14	20	5	3	X6	X	9	0005			
					WATER		WIND		AIR TEMP °C		NO.		SPECIAL											
					COLOR		DIR.		BARO-		WET		VIS		NO.		SPECIAL							
					CODE		OF		METER		BULB		CODE		OBS		OBSERVATIONS							
					20		525		105		183		6		14									
MESSAGE TIME HR 1/10	CASST NO.	CARD TYPE	DEPTH (M)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY- σ_t	$\Sigma \Delta \sigma_t$ DYN. M $\times 10^3$	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P µg-at/l	TOTAL-P µg-at/l	NO ₃ -N µg-at/l	NO ₂ -N µg-at/l	Si ₄ -S µg-at/l	pH	S C							
		STD	0000				3646																	
	148	OBS	0000				36461																	
		STD	0010				3647																	
	148	OBS	0011	1748	36473	2655			15169															
		STD	0020	1746	3647	2655	0015015		15170															
		STD	0030	1745	3647	2655	0015014		15171															
	148	OBS	0033	1744	36472	2655			15172															
		STD	0050	1728	3644	2657	0014932		15169															
	148	OBS	0051	1727	36438	2657			15169															
		STD	0075	1723	3645	2659	0014833		15172															
	148	OBS	0076	1723	36452	2659			15172															
		STD	0100	1718	3646	2661	0014730		15175															
	148	OBS	0101	1718	36463	2661			15175															
		STD	0125	1718	3646	2661	0014813		15179															
		STD	0150	1717	3645	2660	0014930		15183															
	148	OBS	T0151	1717	36452	2660			15183															
		STD	0200	1718	3645	2660	0015116		15191															
		STD	0250	1719	3645	2660	0015310		15200															
	148	OBS	0287	1720	36454	2660			15206															
		STD	0300	1720	3646	2660	0015445		15208															
		STD	0400	1718	3646	2661	0015732		15224															
	148	OBS	T0412	1717	36462	2661			15226															
		STD	0500	1703	3643	2662	0015914		15236															
	148	OBS	T0531	1639	36421	2663			15239															
		STD	0600	1543	3639	2674	0014990		15199															
	148	OBS	0613	1511	36031	2676			15191															
		STD	0700	1334	3573	2691	0013488		15144															
	148	OBS	0790	1141	35490	2710			15090															
		STD	0800	1114	3547	2713	0011310		15082															
		STD	0900	0869	3532	2744	0008278		15038															
	148	OBS	T0961	0746	35243	2756			14970															
		STD	1000	0720	3520	2757	0006940		14966															
		STD	1100	0653	3510	2758	0006812		14955															
		STD	1200	0587	3504	2762	0006409		14944															
		STD	1300	0520	3500	2767	0005875		14934															
		STD	1400	0453	3499	2774	0005138		14923															
	148	OBS	T1423	0438	34989	2776			14920															

REFERENCE CRUISE ID NO.	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	DEPTH M	MARSDEN SQUARE		STATION TIME (GMT)		YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLE	WAVE OBSERVATIONS	WEA- TH CODE	CLOUD CODES	NODC STATION NUMBER							
					10'	5"	MO	DAY		HRS	MIN							CRUISE NO.	STATION NUMBER					
311479	YA	3800 N	06227 W		115	82	04	20	194	1969	A57	006	4480	16	20	6	3	X1	X	8	2	0006		
					WATER		WIND		AIR TEMP °C		NO.		SPECIAL											
					COLOR		DIR.		BARO-		WET		VIS		NO.		SPECIAL							
					CODE		OF		METER		BULB		CODE		OBS		OBSERVATIONS							
					20		526		073		202		193		6		13							
MESSAGE TIME HR 1/10	CASST NO.	CARD TYPE	DEPTH (M)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY- σ_t	$\Sigma \Delta \sigma_t$ DYN. M $\times 10^3$	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P µg-at/l	TOTAL-P µg-at/l	NO ₃ -N µg-at/l	NO ₂ -N µg-at/l	Si ₄ -S µg-at/l	pH	S C							
		STD	0000				3648																	
	194	OBS	0000				36478																	
		STD	0010				3648																	
	194	OBS	0012	2091	36478	2566			15265															
		STD	0020	2091	3648	2566	0023429		15266															
		STD	0030	2090	3648	2567	0023454		15268															
	194	OBS	0035	2030	36482	2567			15269															
		STD	0050	2090	3648	2567	0023525		15271															
	194	OBS	0055	2090	36478	2566			15272															
		STD	0075	1800	3647	2641	0016483		15195															
	194	OBS	0083	1733	36468	2658			15177															
		STD	0100	1726	3646	2659	0014881		15177															
	194	OBS	0111	1723	36462	2660			15178															
		STD	0125	1721	3646	2660	0014879		15180															
		STD	0150	1719	3646	2661	0014918		15183															
	194	OBS	T0162	1718	36456	2661			15185															
		STD	0200	1718	3646	2660	0015102		15191															
		STD	0250	1719	3646	2660	0015283		15200															
		STD	0300	1720	3646	2660	0015455		15208															
		STD	0400	1721	3646	2660	0015815		15225															
	194	OBS	T0437	1721	36457	2660			15231															
		STD	0500	1721	3645	2659	0016206		15241															
	194	OBS	T0548	1706	36435	2662			15245															
		STD	0600	1689	3640	2663	0016143		15248															
	194	OBS	0646	1633	36368	2674			15238															
		STD	0700	1407	3594	2692	0013488		15171															
		STD	0800	1056	3537	2716	0010967		15060															
	194	OBS	0850	0913	35188	2726			15014															
		STD	0900	0811	3519	2742	0008293		14984															
		STD	1000	0635	3519	2768	0005753		14932															
	194	OBS	T1059	0549	35188	2779			14908															
		STD	1100	0539	3518	2779	0034580		14910															
		STD	1200	0515	3516	2781	0004513		14917															
		STD	1300	0490	3514	2782	0004440		14923															
		STD	1400	0466	3510	2781	0004507		14930															
		STD	1500	0442	3505	2780	0004643		14936															
	194	OBS	T1626	0411	34976	2778			14943															

TABLE VI. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 20-22 April 1969, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-1479.—Continued

REFERENCE CTR# CODE	SHIP ID. NO.	SHIP CODE	LATITUDE °	LONGITUDE °	MARS DEN SITY	MARS DEN SQUARE			STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPL'G	WAVE OBSERVATIONS			WIA- THEE CODE	CLOUD CODES	NODC STATION NUMBER																								
						10"	1"	MO	DAY	HR	1/10		CRUISE NO.	STATION NUMBER			DIR	HGT	PER				SEA																							
311479	YA		3830 N	06250 W		115	82	04	21	015	1969	A57	007	4846	21	03	9	3	X8	8	8	0007																								
<table border="1"> <thead> <tr> <th colspan="2">WATER</th> <th colspan="2">WIND</th> <th colspan="2">AIR TEMP °C</th> <th rowspan="2">VIS CODE</th> <th rowspan="2">NO. OBS. DEPTH</th> <th rowspan="2">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>COLOR CODE</th> <th>TRANS (%)</th> <th>DIR.</th> <th>SPEED OR FORCE</th> <th>WIND- METER (mb)</th> <th>DRY BULB</th> <th>WET BULB</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td>03</td> <td>528</td> <td>122</td> <td>131</td> <td>123</td> <td>6</td> <td>15</td> </tr> </tbody> </table>																						WATER		WIND		AIR TEMP °C		VIS CODE	NO. OBS. DEPTH	SPECIAL OBSERVATIONS	COLOR CODE	TRANS (%)	DIR.	SPEED OR FORCE	WIND- METER (mb)	DRY BULB	WET BULB			03	528	122	131	123	6	15
WATER		WIND		AIR TEMP °C		VIS CODE	NO. OBS. DEPTH	SPECIAL OBSERVATIONS																																						
COLOR CODE	TRANS (%)	DIR.	SPEED OR FORCE	WIND- METER (mb)	DRY BULB				WET BULB																																					
		03	528	122	131	123	6	15																																						
WESINGA TIME HR 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME AND SALINITY	SOUND VELOCITY M S 10 ³	O ₂ ml/l	PO ₄ -P μg · ml ⁻¹	TOTAL-P μg · ml ⁻¹	NO ₂ -N μg · ml ⁻¹	NO ₃ -N μg · ml ⁻¹	SIO ₄ -Si μg · ml ⁻¹	pH	σ _t C																														
		STO	0000		3638																																									
015		OBS	0000		36382																																									
015		OBS	0009	2237	36380	2518										15301																														
		STO	0010	2237	3638	2518	0027997									15301																														
		STO	0020	2238	3638	2518	0028049									15303																														
		OBS	0029	2238	36379	2518										15305																														
		STO	0030	2229	3638	2520	0027856									15303																														
015		OBS	0045	2111	36422	2556										15275																														
		STO	0050	2086	3641	2562	0023927									15269																														
015		OBS	0070	1998	36406	2586										15249																														
		STO	0075	1979	3643	2593	0021143									15245																														
015		OBS	0092	1926	36501	2612										15234																														
		STO	0100	1919	3651	2614	0019161									15233																														
		STO	0125	1895	3654	2623	0018443									15231																														
015		OBS	T0138	1881	36545	2627										15229																														
		STO	0150	1864	3654	2631	0017775									15226																														
015		OBS	0190	1813	36501	2641										15216																														
		STO	0200	1800	3647	2641	0016917									15215																														
015		OBS	T0245	1760	36420	2648										15210																														
		STO	0250	1760	3643	2648	0016431									15211																														
015		OBS	T0291	1754	36472	2653										15217																														
		STO	0300	1749	3647	2654	0016059									15217																														
		STO	0400	1697	3637	2659	0015900									15217																														
015		OBS	0489	1651	36169	2654										15215																														
		STO	0500	1598	3610	2662	0015904									15200																														
		STO	0600	1171	3556	2710	0011750									15070																														
		STO	0700	0850	3518	2736	0008615									14966																														
015		OBS	0742	0747	35077	2743										14932																														
		STO	0800	0682	3507	2752	0007009									14916																														
		STO	0900	0586	3507	2765	0005782									14895																														
015		OBS	T0988	0518	35061	2772										14882																														
		STO	1000	0515	3506	2773	0005014									14882																														
		STO	1100	0493	3504	2774	0004983									14890																														
		STO	1200	0473	3502	2774	0004973									14898																														
		STO	1300	0455	3501	2776	0004912									14907																														
		STO	1400	0439	3499	2776	0004945									14917																														
015		OBS	T1468	0429	34987	2777										14924																														
		STO	1500	0425	3498	2777	0004928									14928																														
		STO	1750	0398	3497	2779	0004863									14959																														
		STO	2000	0383	3497	2780	0004869									14995																														
015		OBS	T2058	0381	34967	2780										15004																														

TABLE VI. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 20-22 April 1969, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-1479.—Continued

REFERENCE CRUISE CODE	SHIP NO.	LATITUDE 1°/10'	LONGITUDE 1°/10'	MARSDEN SQUARE 10° 1'	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLE'S	WAVE OBSERVATIONS			WEA- TER CODE	CLOUD CODES		NODC STATION NUMBER	
					MO	DAY	HR./10		CRUISE NO.	STATION NUMBER			DR.	HGT.	PER		SEA	TR		AMT
311479	YA	3845 N	06301 W	1115	83	04	21	045	1969	A57	008	4846	23	83	0	4	x2	8	8	0008
				WATER		WIND		BARO- METER		AIR TEMP. °C		NO. OBS. DEPTH'S		SPECIAL OBSERVATIONS						
				COLOR		SPEED		ORIG.		DRY		WET		WEI.						
				CODE		OR		METER		BULB		BULB		CODE						
				01		531		157		092		078		6						
MESSAGES TIME HR./10	CASID NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY (σ _t)	Σ Δ D DYN. M. x 10 ³	SOUND VELOCITY	O ₂ (ml/l)	PO ₄ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₂ -N μg - ml/l	NO ₃ -N μg - ml/l	SiO ₄ -Si μg - ml/l	pH	SIG CODE			
045		OBS	0012	2178	36220	2522			15285											
		STD	0020	2179	36222	2522	0027622		15286											
		STD	0030	2180	36222	2522	0027682		15288											
045		OBS	0036	2180	36220	2522			15289											
		STD	0050	2178	36222	2522	0027718		15291											
045		OBS	0057	2177	36220	2523			15292											
		STD	0075	1894	3625	2601	0020340		15219											
045		OBS	0086	1776	36252	2631			15187											
		STD	0100	1721	3621	2641	0016610		15173											
045		OBS	0115	1666	36172	2651			15158											
		STD	0125	1627	3618	2661	0014780		15148											
		STD	0150	1547	3619	2680	0013030		15128											
045		OBS	0173	1498	36196	2692			15116											
		STD	0200	1496	3621	2693	0011982		15120											
045		OBS	0230	1476	36215	2698			15119											
		STD	0250	1431	3617	2704	0011020		15107											
045		OBS	0287		36069															
		STD	0300	1320	3601	2715	0010074		15077											
045		OBS	T0345	1219	35820	2721			15048											
		STD	0400	1068	3559	2731	0008664		15001											
		STD	0500	0839	3527	2745	0007403		14930											
045		OBS	0549	0715	35108	2750			14891											
		STD	0600	0685	3510	2754	0006521		14885											
		STD	0700	0599	3508	2764	0005615		14867											
		STD	0800	0530	3505	2770	0005045		14855											
045		OBS	0850	0503	35038	2772			14852											
		STD	0900	0488	3502	2773	0004839		14854											
		STD	1000	0461	3500	2774	0004749		14859											
		STD	1100	0438	3497	2774	0004780		14866											
045		OBS	1134	0431	34968	2775			14869											
		STD	1200	0424	3497	2776	0004721		14877											
		STD	1300	0414	3497	2777	0004703		14890											
		STD	1400	0404	3496	2777	0004680		14902											
		STD	1500	0395	3496	2778	0004674		14915											
045		OBS	T1708	0378	34956	2780			14943											
		STD	1750	0375	3496	2780	0004652		14949											
		STD	2000	0358	3496	2782	0004622		14984											
045		OBS	T2280	0342	34956	2783			15025											

TABLE VI. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 20-22 April 1969, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-1479.—Continued

REFERENCE CIR CODE	SHIP CODE	LATITUDE 1°10'	LONGITUDE 1°10'	MARSDEM SQUARE		STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLING	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NDDC STATION NUMBER	
				15'	1"	MO	DAY	HR		MIN	CRUISE NO.			STATION NUMBER	DIR.	HGT				PER
311479	YA	3900 N	06317 W	115	93	04	21	081	1969	A57	009	4389	18	01	7	3	X1	8	7	0009
				WATER		WIND		BARO- METER		AIR TEMP. °C		ND. OBS. DIFFS.		SPECIAL OBSERVATIONS						
				CDLR CODE	TEMP. (°C)	DIR.	SPEED OF FORCE	UNIT	DRY BULB	WET BULB	VEL CODE									
					01		5.26	172	075	055	7	15								
MESSAGE TIME HR 1/10	CASST NO.	CARD TYPE	DEPTH (M)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-σ _t	Σ Δ D DYN. M. ± 10 ²	SDUND VELOCITY	D ₂ m/s	PO ₂ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₂ -N μg - ml/l	NO ₃ -N μg - ml/l	SIO ₄ -S μg - ml/l	PH	S CODE			
		STD	0000				3589													
081		OBS	0000				35892													
081		OBS	0009	1630	35891		2638			15127										
		STD	0010	1630	3589		2638	0016582		15127										
		STD	0020	1632	3589		2638	0016650		15129										
081		OBS	0027	1633	35891		2637			15130										
		STD	0030	1594	3585		2643	0016149		15119										
081		OBS	0044	1453	35708		2664			15075										
		STD	0050	1442	3569		2665	0014157		15072										
081		OBS	0066	1377	35617		2673			15053										
		STD	0075	1296	3553		2683	0012493		15026										
081		OBS	0088	1205	35437		2694			14996										
		STD	0100	1183	3542		2697	0011246		14991										
		STD	0125	1148	3540		2702	0010822		14982										
081		OBS	0133	1140	35396		2703			14981										
		STD	0150	1132	3540		2704	0010627		14981										
081		OBS	0178	1122	35396		2706			14982										
		STD	0200	1120	3541		2708	0010432		14985										
081		OBS	0223	1117	35412		2708			14988										
		STD	0250	1111	3541		2709	0010392		14990										
081		OBS	0268	1105	35408		2710			14991										
		STD	0300	1082	3537		2711	0010291		14987										
		STD	0400	0990	3526		2719	0009734		14969										
081		OBS	0448	0936	35206		2724			14957										
		STD	0500	0836	3514		2735	0008313		14927										
		STD	0600	0680	3505		2751	0006818		14882										
081		OBS	0675	0594	35012		2759			14860										
		STD	0700	0583	3501		2760	0005917		14859										
		STD	0800	0539	3501		2766	0005462		14858										
		STD	0900	0495	3501		2771	0005008		14857										
081		OBS	0901	0495	35009		2771			14857										
		STD	1000	0464	3500		2774	0004765		14861										
		STD	1100	0440	3500		2776	0004606		14667										
		STD	1200	0423	3499		2778	0004525		14877										
		STD	1300	0414	3499		2778	0004548		14890										
081		OBS	T1347	0412	34983		2778			14897										
		STD	1400		3498															
		STD	1500		3498															
		STD	1750		3498															
081		OBS	1806		34976															

TABLE VI. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 20-22 April 1969, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-1479.—Continued

REFERENCE OBSV CODE	SHIP ID NO.	LATITUDE 1/10	LONGITUDE 1/10	TIME 1/10	MARSDEN SQUARE		STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLE'S	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER
					10°	1'	MO	DAY	HR		1/10	CRUISE NO.			STATION NUMBER	DIR	HGT			
311479	YA	3916 N	06328 W	115	93	104	21	107	1969	A57	010	3910	19	35	7	3	X1	8	6	0010
		WATER		WIND		BARO-		AIR TEMP °C				NO. OBS. DPTHS		SPECIAL OBSERVATIONS						
		COLOR CODE		TRANS. DIR.		SPEED OR FORCE		METER (mbars)		DRY BULB WET BULB		WET CODE								
				35		526		200		081 057		7		15						
MESSAGE NO	CAST NO	CARD TYPE	DEPTH (M)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME AND WALT. (10 ³)	Σ Δ D DIN. M g 10 ³	SOUND VELOCITY	O ₂ (ml/l)	PO ₄ -P (μg - ml)	TOTAL-P (μg - ml)	NO ₂ -N (μg - ml)	NO ₃ -N (μg - ml)	SiO ₄ -Si (μg - ml)	PH	CHLOROPHYLL a+b			
		STD	0000	1729	3628	2644	0015984	0000	15159											
107		OBS	0000	1729	36275	2644			15159											
		STD	0010	1729	3628	2644	0015996	0016	15161											
107		OBS	0010	1729	36278	2644			15161											
		STD	0020	1728	3627	2644	0016080	0032	15162											
		STD	0030	1723	3626	2644	0016071	0048	15162											
107		OBS	0032	1721	36256	2644			15162											
		STD	0050	1701	3602	2631	0017365	0082	15156											
107		OBS	0051	1697																
		STD	0075	1500	3581	2661	0014563	0121	15096											
107		OBS	0077	1487	35800	2663			15092											
		STD	0100	1380	3574	2682	0012678	0156	15061											
107		OBS	0102	1372	35730	2683			15058											
		STD	0125	1303	3562	2688	0012106	0186	15038											
		STD	0150	1240	3553	2694	0011627	0216	15020											
107		OBS	T0153	1233	35518	2695			15018											
		STD	0200	1152	3545	2705	0010714	0272	14997											
107		OBS	0206	1144	35438	2705			14995											
		STD	0250	1108	3539	2708	0010486	0325	14989											
107		OBS	T0256	1099	35379	2709			14986											
		STD	0300	0999	3528	2719	0009521	0375	14956											
107		OBS	0308	0982	35261	2721			14951											
		STD	0420	0798	3512	2739	0007694	0461	14896											
		STD	0500	0646	3501	2752	0006487	0532	14852											
107		OBS	0517	0625	35000	2754			14846											
		STD	0600	0565	3500	2762	0005618	0593	14835											
		STD	0700	0507	3500	2769	0004997	0646	14828											
107		OBS	0758	0481	34998	2772			14827											
		STD	0800	0471	3500	2773	0004666	0694	14830											
		STD	0900	0450	3500	2775	0004497	0740	14838											
		STD	1000	0431	3500	2778	0004340	0784	14847											
107		OBS	T1019	0428	35004	2778			14849											
		STD	1100	0417	3499	2778	0004366	0827	14858											
		STD	1200	0404	3497	2778	0004444	0871	14869											
		STD	1300	0393	3496	2778	0004470	0916	14881											
107		OBS	T1351	0388	34955	2778			14887											
		STD	1400	0384	3496	2779	0004480	0961	14894											
		STD	1500	0376	3496	2780	0004463	1006	14907											
		STD	1750	0364	3496	2781	0004512	1118	14944											
107		OBS	T1876	0362	34955	2781			14965											

TABLE VI. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 20-22 April 1969, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-1479.—Continued

REFERENCE	SHIP CODE	LATITUDE ° 10'	LONGITUDE ° 10'	MARSSEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SWALL ¹	WAVE OBSERVATIONS			WEATHER CODE	CLOUD CODES TNN TAV ²	NODC STATION NUMBER		
					MO	DAY	HR.		CRUISE NO.	STATION NUMBER			PERIOD	SEA	SEA					
311479	YA	3932 N	06340 W	115	04	21	134	1969	A57	011	4355	19	02	5	3	X2	8	R	0011	
				WATER		WIND		AIR TEMP. °C		NO. OBS. DEPTHS		SPECIAL OBSERVATIONS								
				TEMP. (°C)	DIR.	SPEED (KNOTS)	BASE-METER (M)	DRY BULB	WET BULB	VIS. CODE										
				02	522	200	058	041	R	15										
MESSAGE TIME HR. 10'	CAS. NO.	CARD TYPE	DEPTH (M)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME (ANOMALY) × 10 ³	Δ D DYN. M. × 10 ²	SOUND VELOCITY	D ₂ (M/S)	PO ₄ -P pg. - 01/1	TOTAL-P pg. - 01/1	NO ₃ -N pg. - 01/1	NO ₃ -N pg. - 01/1	SIO ₄ -S pg. - 01/1	pH	S C			
		STO	0000		3603															
134		OBS	0000		36028															
		STO	0010		3605															
134		OBS	0010		36045															
		STO	0020		3605															
		STO	0030	1680	3605	2638	0016633		15147											
134		OBS	0030	1680	36046	2638			15147											
134		OBS	0047	1682	36047	2638			15150											
		STO	0050	1679	3606	2639	0016584		15150											
134		OBS	0071	1661	36133	2649			15149											
		STO	0075	1648	3613	2652	0015436		15146											
134		OBS	0094	1585	36126	2667			15130											
		STO	0100	1566	3604	2664	0014377		15124											
		STO	0125	1487	3574	2659	0014951		15099											
134		OBS	0140		35621															
		STO	0150	1405	3561	2667	0014277		15075											
134		OBS	0107	1279	35536	2687			15039											
		STO	0200	1219	3548	2694	0011729		15020											
134		OBS	T0232	1118	35387	2706			14989											
		STO	0250	1107	3540	2709	0010395		14988											
134		OBS	T0276	1085	35406	2714			14985											
		STO	0300	1032	3535	2719	0009568		14969											
		STO	0400	0837	3515	2735	0008068		14911											
134		OBS	0461	0739	35067	2744			14882											
		STO	0500	0689	3505	2749	0006790		14869											
		STO	0600	0581	3501	2761	0005754		14842											
134		OBS	0681	0516	34996	2767			14829											
		STO	0700	0509	3500	2769	0005022		14829											
		STO	0800	0477	3503	2775	0004512		14833											
		STO	0900	0450	3505	2779	0004135		14839											
134		OBS	T0932	0442	35058	2781			14841											
		STO	1000	0433	3505	2781	0004026		14848											
		STO	1100	0422	3504	2782	0004061		14860											
		STO	1200	0411	3503	2782	0004092		14872											
		STO	1300	0400	3502	2782	0004119		14884											
		STO	1400	0391	3501	2783	0004167		14897											
134		OBS	1425	0389	35009	2783			14901											
		STO	1500	0383	3500	2783	0004224		14911											
		STO	1750	0366	3499	2783	0004283		14946											
134		OBS	T1927	0357	34981	2784			14972											

TABLE VI. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 20-22 April 1969, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-1479.—Continued

REFERENCE CRUISE ID NO.	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	MARSDEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER
					10'	1'	MO. DAT. HR. 1/10		CRUISE NO.	STATION NUMBER			DR	HGT	PER			
				WATER		WIND		BARO-		AIR TEMP °C		VIS		NO. OBS DEPTHS		SPECIAL OBSERVATIONS		
				COLOR CODE	TEMP °C	DIR	SPEED OF FORCE	METER (mbst)	DRY	WET	RULER	RULER	VIS CODE	NO. OBS DEPTHS	SPECIAL OBSERVATIONS			
				02	523	206	078	045	8	15								
MISSION TIME HR 1/10	CASE NO.	CARD TYPE	DEPTH (M)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-20°	S Δ σ DYN W x 10 ³	SOUND VELOCITY	O ₂ (M)	PO ₄ -P μg - 0/1	TOTAL-P μg - 0/1	NO ₂ -N μg - 0/1	NO ₃ -N μg - 0/1	SiO ₄ -S μg - 0/1	PH	S CODE	
		STD	0000		3557													
		OBS	0000		35566													
		STD	0010	1448	3557	2654	0015075		15066									
155		OBS	0010	1448	35565	2654			15066									
		STD	0020	1448	3556	2654	0015112		15068									
		STD	0030	1448	3556	2654	0015156		15069									
155		OBS	0032	1448	35562	2654			15069									
		STD	0050	1442	3555	2654	0015165		15070									
155		OBS	0050	1442	35552	2654			15070									
155		OBS	0073	1200	35269	2682			14990									
		STD	0075	1199	3528	2683	0012504		14990									
155		OBS	0095	1189	35346	2690			14991									
		STD	0100	1189	3535	2690	0011872		14992									
		STD	0125	1190	3539	2693	0011653		14997									
155		OBS	T0140	1190	35415	2695			14999									
		STD	0150	1196	3545	2696	0011392		15004									
155		OBS	0189	1197	35514	2701			15011									
		STD	0200	1190	3550	2701	0011043		15010									
155		OBS	T0234	1153	35440	2704			15002									
		STD	0250	1125	3541	2707	0010643		14995									
155		OBS	T0280	1070	35345	2712			14979									
		STD	0300	1020	3530	2717	0009730		14964									
		STD	0400	0802	3510	2737	0007902		14897									
155		OBS	0461	0697	35020	2746			14865									
		STD	0500	0646	3501	2752	0006472		14852									
		STD	0600	0541	3499	2764	0005367		14826									
155		OBS	0656	0499	34981	2768			14818									
		STD	0700	0486	3500	2771	0004734		14820									
		STD	0800	0459	3502	2776	0004362		14826									
155		OBS	T0846	0448	35024	2777			14829									
		STD	0900	0439	3501	2777	0004294		14834									
		STD	1000	0423	3500	2778	0004270		14844									
		STD	1100	0409	3499	2779	0004266		14854									
155		OBS	T1135	0405	34984	2779			14858									
		STD	1200	0398	3498	2779	0004288		14866									
		STD	1300	0388	3498	2780	0004289		14879									
		STD	1400	0381	3497	2780	0004324		14893									
		STD	1500	0375	3497	2781	0004362		14907									
155		OBS	T1533	0374	34965	2781			14912									

REFERENCE CRUISE ID NO.	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	MARSDEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER
					10'	1'	MO. DAT. HR. 1/10		CRUISE NO.	STATION NUMBER			DR	HGT	PER			
				WATER		WIND		BARO-		AIR TEMP °C		VIS		NO. OBS DEPTHS		SPECIAL OBSERVATIONS		
				COLOR CODE	TEMP °C	DIR	SPEED OF FORCE	METER (mbst)	DRY	WET	RULER	RULER	VIS CODE	NO. OBS DEPTHS	SPECIAL OBSERVATIONS			
				04	521	209	061	030	R	15								
MISSION TIME HR 1/10	CASE NO.	CARD TYPE	DEPTH (M)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-20°	S Δ σ DYN W x 10 ³	SOUND VELOCITY	O ₂ (M)	PO ₄ -P μg - 0/1	TOTAL-P μg - 0/1	NO ₂ -N μg - 0/1	NO ₃ -N μg - 0/1	SiO ₄ -S μg - 0/1	PH	S CODE	
		STD	0000		3633													
		OBS	0000		36327													
179		OBS	0009	1808	36343	2630			15185									
		STD	0010	1808	3634	2630	0017368		15185									
		STD	0020	1808	3635	2630	0017366		15187									
179		OBS	0028	1805	36351	2631			15187									
		STD	0030	1804	3635	2631	0017292		15187									
179		OBS	0046	1791	36341	2634			15186									
		STD	0050	1786	3635	2636	0016937		15185									
		STD	0075	1740	3638	2649	0015745		15176									
179		OBS	0075	1740	36378	2649			15176									
179		OBS	0098	1677	36311	2659			15160									
		STD	0100	1671	3630	2660	0014814		15159									
		STD	0125	1589	3615	2667	0014158		15136									
179		OBS	T0145	1504	36006	2676			15111									
		STD	0150	1469	3594	2678	0013190		15100									
179		OBS	0187	1274	35605	2693			15038									
		STD	0200	1253	3557	2695	0011713		15033									
179		OBS	T0226	1199	35490	2699			15018									
		STD	0250	1131	3539	2704	0010897		14997									
179		OBS	T0263	1097	35348	2707			14986									
		STD	0300	1049	3530	2712	0010228		14975									
179		OBS	0391	0893	35180	2729			14931									
		STD	0400	0867	3516	2732	0008461		14922									
179		OBS	0499	0641	35031	2754			14850									
		STD	0500	0639	3503	2755	0006236		14849									
		STD	0600	0518	3502	2769	0004860		14817									
179		OBS	T0608	0511	35020	2770			14815									
		STD	0700	0476	3500	2772	0004610		14816									
179		OBS	T0798	0447	34981	2774			14820									
		STD	0800	0447	3498	2774	0004502		14820									
		STD	0900	0427	3498	2776	0004382		14828									
		STD	1000	0416	3498	2777	0004360		14840									
179		OBS	T1027	0415	34975	2777			14844									

TABLE VI. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 20-22 April 1969, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-1479.—Continued

REFERENCE CITY CODE	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	MARS DEN SQUA RE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPL'S	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES		NODC STATION NUMBER	
					10 ¹	10 ²	10 ³		CRUISE NO.	STATION NUMBER			DIR	HGT	PER		SEA	TRF		AMT
311479	YA	4015 N	06414 W	151	04	04	21	203	1969	A57	014	4553	18	04	3	3	X1	6	4	0014
					WATER		WIND		AIR TEMP °C		NO. OBS. DEPTHS		SPECIAL OBSERVATIONS							
					COLOR	TRANSP.	DIR	SPEED	OR	FORCE	BARO- METER	DRY	WET	VEL						
					CODE	(unit)		DIR	OR	FORCE	(mbars)	RULE	RULE	CODE						
					04	517		210			061	035	7	14						
MESSAGE NO	CAST NO	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME AND MASS - 10 ³	S Δ D DTM: M 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - μl/l	TOTAL-P μg - μl/l	NO ₃ -N μg - μl/l	NO ₃ -N μg - μl/l	SI O ₄ -S μg - μl/l	PH	S C C			
		STD	0000		3632															
	203	OBS	0000		36324															
	203	OBS	0009	1850	36323	2618			15197											
		STD	0010	1850	3632	2618	0018509		15197											
		STD	0020	1852	3634	2619	0018472		15199											
		STD	0030	1853	3635	2619	0018439		15201											
	203	OBS	0044	1855	36373	2620			15204											
		STD	0050	1836	3634	2623	0018196		15200											
	203	OBS	0065	1788	36296	2631			15188											
		STD	0075	1756	3634	2642	0016393		15180											
	203	OBS	0085	1721	36345	2651			15172											
		STD	0100	1655	3622	2657	0015035		15153											
		STD	0125	1555	3603	2666	0014290		15124											
	203	OBS	0128	1544	36006	2667			15121											
		STD	0150	1483	3587	2670	0013995		15104											
	203	OBS	0170	1411	35754	2676			15083											
		STD	0200	1255	3556	2693	0011824		15033											
	203	OBS	0211	1213	35507	2698			15020											
		STD	0250	1135	3544	2707	0010603		14999											
	203	OBS	0253	1129	35433	2708			14997											
		STD	0300	1015	3531	2719	0009571		14962											
		STD	0400	0808	3512	2738	0007845		14900											
	203	OBS	0419	0774	35094	2741			14889											
		STD	0500	0653	3507	2756	0006140		14855											
		STD	0600	0542	3505	2769	0004950		14827											
	203	OBS	0634	0513	35036	2771			14820											
		STD	0700	0489	3502	2773	0004623		14821											
		STD	0800	0458	3499	2774	0004571		14825											
	203	OBS	0856	0443	34978	2774			14828											
		STD	0900	0437	3497	2774	0004564		14832											
		STD	1000	0424	3497	2776	0004504		14844											
		STD	1100	0413	3496	2776	0004537		14856											
		STD	1200	0402	3495	2777	0004566		14868											
		STD	1300	0392	3495	2778	0004530		14860											
	203	OBS	1353	0387	34949	2778			14887											
		STD	1400	0383	3495	2779	0004504		14893											
		STD	1500	0375	3495	2779	0004486		14907											
		STD	1750	0359	3495	2781	0004482		14942											
	203	OBS	1818	0356	34952	2781			14952											

TABLE VI. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 20-22 April 1969, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-1479.—Continued

REFERENCE		SHIP CODE	LATITUDE °/10'	LONGITUDE °/10'	MARS DEN SQUARED	STATION TIME (GMT)		YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLER	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER			
CRUISE CODE	ID. NO.					10'	10'		MO	DAY			HR	MIN	CRUISE NO.				STATION NUMBER	DIR	PER SEC
311479	YA		4030 N	06426 W	151	04	21	229	1969	A57	015	4517	21	04	b	2	X1	613	0015		
		WATER		WIND		BARO- METER		AIR TEMP °C		NO. OBS. DEPTHS		SPECIAL OBSERVATIONS									
		COLOR CODE		SPEED (KTS)		DIR. OF FORCE		WET BULB		WET BULB		WET BULB		WET BULB		WET BULB		WET BULB		WET BULB	
		07		S10		214		053		020		7		15							
MESSAGE TIME HR 1/10	CAST NO.	CARD TYPE	DEPTH (M)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY- σ_t	S/D OPN. IN $\times 10^3$	SOUND VELOCITY	D ₂ (M/1)	PO ₄ -P µg - (1/1)	TOTAL-P µg - (1/1)	NO ₃ -N µg - (1/1)	NO ₂ -N µg - (1/1)	SiO ₄ -Si µg - (1/1)	pH	S C C				
		STO	0000		3639																
	229	OBS	0000		36392																
		STO	0010	1840	3640	2626	0017730		15195												
	229	OBS	0010	1840	36398	2626			15195												
		STO	0020	1840	3640	2626	0017778		15196												
		STO	0030	1839	3639	2626	0017815		15198												
	229	OBS	0033	1839	36392	2626			15198												
		STO	0050	1797	3632	2631	0017414		15188												
	229	OBS	0051	1791	36308	2631			15186												
		STO	0075	1484	3594	2675	0013278		15093												
	229	OBS	0077	1467	35922	2677			15087												
		STO	0100	1380	3584	2690	0011947		15062												
	229	OBS	0102	1373	35834	2691			15060												
		STO	0125	1307	3570	2694	0011598		15040												
		STO	0150	1242	3558	2698	0011298		15021												
	229	OBS	T0157	1225	35555	2699			15016												
		STO	0200	1134	3544	2707	0010462		14990												
	229	OBS	0205	1124	35430	2708			14987												
		STO	0250	1048	3541	2721	0009288		14967												
	229	OBS	0256		35402																
		STO	0300	0960	3525	2723	0009092		14942												
	229	OBS	T0307	0947	35224	2724			14938												
		STO	0400	0740	3510	2746	0006986		14873												
		STO	0500	0563	3501	2763	0005386		14818												
	229	OBS	0509	0549	35004	2764			14814												
		STO	0600	0519	3499	2767	0005102		14817												
		STO	0700	0490	3499	2770	0004857		14821												
	229	OBS	0756		34982																
		STO	0800	0464	3498	2772	0004705		14827												
		STO	0900	0441	3498	2775	0004525		14834												
		STO	1000	0422	3498	2777	0004398		14843												
	229	OBS	1036		0416																
		STO	1100	0406	3498	2779	0004295		14853												
		STO	1200	0394	3498	2780	0004238		14865												
		STO	1300	0384	3498	2781	0004201		14877												
		STO	1400	0378	3498	2782	0004212		14892												
		STO	1500	0376	3498	2782	004280		14907												
	229	OBS	T1566	0376	34980	2782			14919												
		STO	1750		3498																
		STO	2000		3497																
	229	OBS	2102		34964																

TABLE VI. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 20-22 April 1969, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-1479.—Continued

REFERENCE STATION CODE	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	MARSSEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER		
					MO	DAY	HR./10		CRUISE NO.	STATION NUMBER			DIR.	HGT	PER				SEA	
311479	YA	4100 N	06449 W	151	14	04	22	035	1969	A57	016	3658	15	16	1	2	X1	6	3	0016
		WATER		WIND		BARO- METER		AIR TEMP. °C		VIS CODE	NO. OBS. DEPTHS	SPECIAL OBSERVATIONS								
COLOUR CODE	TRANS. 1/10	DIR.	SPEED OR FORCE	DIR.	SPEED OR FORCE	DRY BULB	WET BULB	NO. 1	NO. 2					NO. 3	NO. 4	NO. 5	NO. 6	NO. 7	NO. 8	NO. 9
		STD	0000	1220	3531	2681	0012498	0000	14985											
035		OBS	0000	1220	35307	2681			14985											
035		OBS	0009	1229	35324	2680			14990											
		STD	0010	1232	3533	2680	0012577	0013	14991											
		STD	0020	1256	3540	2681	0012537	0025	15002											
035		OBS	0029	1270	35458	2683			15009											
		STD	0030	1270	3546	2683	0012395	0038	15009											
035		OBS	0048	1277	35563	2689			15016											
		STD	0050	1279	3557	2689	0011806	0062	15017											
035		OBS	0071	1299	35650	2692			15028											
		STD	0075	1305	3566	2691	0011714	0091	15031											
035		OBS	0095	1324	35712	2691			15041											
		STD	0100	1320	3571	2692	0011709	0120	15041											
		STD	0125	1300	3567	2693	0011682	0150	15038											
035		OBS	T0143	1287	35655	2694			15036											
		STD	0150	1282	3565	2695	0011564	0179	15035											
035		OBS	0193	1254	35611	2698			15032											
		STD	0200	1200	3549	2699	0011301	0236	15014											
035		OBS	0242		35046				14986											
		STD	0250	0866	3505	2723	0008966	0487	14822											
035		OBS	0292	0656	35086	2757			14821											
		STD	0300	0650	3508	2757	0005721	0323	14821											
		STD	0400	0579	3504	2763	0005234	0378	14809											
035		OBS	0490	0526	35015	2768			14802											
		STD	0500	0524	3501	2768	0004894	0429	14802											
		STD	0600	0500	3499	2769	0004865	0477	14809											
		STD	0700	0478	3498	2771	0004782	0526	14816											
035		OBS	0734		34972				14825											
		STD	0800	0459	3497	2772	0004731	0573	14835											
		STD	0900	0442	3497	2774	0004626	0620	14844											
035		OBS	T0996	0427	34969	2775			14845											
		STD	1000	0426	3497	2776	0004536	0666	14856											
		STD	1100	0413	3497	2777	0004478	0711	14868											
		STD	1200	0402	3497	2778	0004449	0756	14881											
		STD	1300	0393	3497	2779	0004433	0800	14895											
		STD	1400	0386	3496	2779	0004447	0844	14909											
		STD	1500	0381	3496	2780	0004476	0889	14909											
035		OBS	T1500	0381	34962	2780			14909											

TABLE VI. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 20-22 April 1969, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-1479.—Continued

REFERENCE CRUISE ID. NO.	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	MARSSEN SQUARE	STATION TIME IGMT		YEAR	ORIGINATOR'S STATION NUMBER		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER			
					10'	1"		NO	DAY			HR	1/10	CRUISE NO.				STATION NUMBER	DIR	HGT
311479	YA	4128 N	06511 W	151	15	04	22	062	1969	A57	017	2670	15	30	1	2	X1	6	3	0017
				WATER		WIND		BARO- METER		AIR TEMP °C		NO. OBS. DEPTHS		SPECIAL OBSERVATIONS						
				COLOR CODE	TRANL M	DIR	SPEED OF FORCE	DIR	DIR	WET BULB	WET BULB	VIS CODE								
				30	504	209	036	020	7	14										
MESSAGE TIME HR 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME AND MALT-1017	Σ Δ D DTN. M x 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - dl/l	TOTAL-P μg - dl/l	NO ₃ -N μg - dl/l	NO ₂ -N μg - dl/l	SiO ₄ -Si μg - dl/l	pH	STATION NO.			
		STD	0000	0550	3264	2577	0022307	0000	14699											
	062	OBS	0000	0550	32642	2577			14699											
		STD	0010	0541	3333	2633	0017057	0020	14706											
	062	OBS	0010	0541					14810											
		STD	0020	0781	3384	2641	0016275	0036	14810											
		STD	0030	0920	3419	2647	0015768	0052	14869											
	062	OBS	0030	0920	34185	2647			14869											
		STD	0050	0895	3436	2664	0014142	0082	14865											
	062	OBS	0050	0895	34358	2664			14865											
	062	OBS	0074	1182	35285	2686			14984											
		STD	0075	1184	3529	2686	0012156	0115	14985											
	062	OBS	0099	1218	35391	2688			15002											
		STD	0100	1218	3539	2688	0012096	0145	15002											
		STD	0125	1228	3546	2691	0011887	0175	15011											
	062	OBS	0148	1237	35512	2693			15018											
		STD	0150	1243	3553	2693	0011684	0205	15021											
	062	OBS	0198	1241	35563	2692			15035											
		STD	0200	1243	3553	2693	0011815	0264	15029											
	062	OBS	0247		34995				14885											
		STD	0250	0839	3499	2723	0008997	0316	14787											
	062	OBS	0296	0569	34969	2759			14786											
		STD	0300	0567	3497	2759	0035475	0352	14787											
		STD	0400	0528	3496	2763	0005205	0405	14790											
	062	OBS	0492	0498	34949	2766			14791											
		STD	0500	0497	3495	2766	0005008	0456	14800											
		STD	0600	0479	3495	2766	0004905	0506	14810											
		STD	0700	0464	3495	2770	0004833	0555	14810											
	062	OBS	0740		34951				14821											
		STD	0800	0449	3495	2772	0004749	0602	14832											
		STD	0900	0436	3495	2773	0004692	0650	14832											
	062	OBS	0987	0425					14843											
		STD	1000	0423	3495	2774	0004631	0696	14856											
		STD	1100	0413	3495	2775	0004603	0742	14868											
		STD	1200	0403	3495	2777	0004564	0788	14881											
		STD	1300	0394	3495	2778	0004541	0834	14895											
		STD	1400	0387	3495	2778	0004540	0879	14907											
	062	OBS	1485	0382	34952	2779			14907											

REFERENCE CRUISE ID. NO.	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	MARSSEN SQUARE	STATION TIME IGMT		YEAR	ORIGINATOR'S STATION NUMBER		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER			
					10'	1"		NO	DAY			HR	1/10	CRUISE NO.				STATION NUMBER	DIR	HGT
311479	YA	4200 N	06535 W	151	25	04	22	083	1969	A57	018	0695	03	00	0	0	X1	6	1	0018
				WATER		WIND		BARO- METER		AIR TEMP °C		NO. OBS. DEPTHS		SPECIAL OBSERVATIONS						
				COLOR CODE	TRANL M	DIR	SPEED OF FORCE	DIR	DIR	WET BULB	WET BULB	VIS CODE								
				00	500	212	045	046	8	10										
MESSAGE TIME HR 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME AND MALT-1017	Σ Δ D DTN. M x 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - dl/l	TOTAL-P μg - dl/l	NO ₃ -N μg - dl/l	NO ₂ -N μg - dl/l	SiO ₄ -Si μg - dl/l	pH	STATION NO.			
		STD	0000		3329															
		OBS	0000		33294															
		STD	0010	0697	3338	2617	0018562		14770											
	083	OBS	0010	0697	33380	2617			14770											
		STD	0020	0708	3346	2622	0018122		14777											
		STD	0030	0747	3368	2634	0017016		14796											
	083	OBS	0031	0752	33714	2636			14799											
		STD	0050	0911	3459	2680	0012669		14874											
	083	OBS	0051	0921	34627	2681			14878											
		STD	0075	1205	3542	2692	0011586		14994											
	083	OBS	0076	1211	35439	2693			14996											
		STD	0100	1219	3548	2694	0011500		15003											
	083	OBS	0101	1219	35476	2694			15004											
		STD	0125	1200	3547	2697	0011296		15001											
		STD	0160	1181	3545	2700	0011087		14998											
	083	OBS	0162	1179	35452	2700			14998											
		STD	0200	0934	3513	2718	0009344		14914											
	083	OBS	0203	0922	35117	2719			14910											
		STD	0250	0861	3501	2721	0009180		14893											
	083	OBS	0254		35009				14877											
		STD	0300	0796	3500	2730	0008363		14877											
	083	OBS	0305	0789	35000	2731			14875											

TABLE VII. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 24-27 January 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8006.

REFERENCE CRUISE CODE	SHIP ID. NO.	SHIP CODE	LATITUDE ° ' /10	LONGITUDE ° ' /10	MARS DEN SQUARE 10'	STATION TIME (GMT)			YEAR	ORIGINATOR'S STATION NUMBER			DEPTH TO BOTTOM	WAVE OBSERVATIONS	WAVE DIRECTION	WAVE PERIOD	WAVE HEIGHT	SEA STATE	WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER																										
						MO	DAY	HR./10		CRUISE NO.	STATION NUMBER	STATION NUMBER																																			
318006	EV		31555N	06525 W	115	15	01	24	017	1967	A63	023	4480	09	1	3			X0	0	3	0023																									
<table border="1"> <thead> <tr> <th colspan="2">WATER</th> <th colspan="2">WIND</th> <th colspan="2">AIR TEMP. °C</th> <th colspan="2">NO. OF DEPTHS</th> <th rowspan="2">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>COLOR CODE</th> <th>TRANS. (m)</th> <th>DIR.</th> <th>SPEED OF FORCE</th> <th>HARD- METER</th> <th>DRY BULB</th> <th>WET BULB</th> <th>VIS CODE</th> </tr> <tr> <th>DT</th> <th>SO</th> <th>09</th> <th>SO4</th> <th>301</th> <th>211</th> <th>194</th> <th>8</th> <th>31</th> </tr> </thead> </table>																						WATER		WIND		AIR TEMP. °C		NO. OF DEPTHS		SPECIAL OBSERVATIONS	COLOR CODE	TRANS. (m)	DIR.	SPEED OF FORCE	HARD- METER	DRY BULB	WET BULB	VIS CODE	DT	SO	09	SO4	301	211	194	8	31
WATER		WIND		AIR TEMP. °C		NO. OF DEPTHS		SPECIAL OBSERVATIONS																																							
COLOR CODE	TRANS. (m)	DIR.	SPEED OF FORCE	HARD- METER	DRY BULB	WET BULB	VIS CODE																																								
DT	SO	09	SO4	301	211	194	8	31																																							
MISSION TIME HR 1/10	CAS NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY- σ_{θ}	$\Delta \sigma_{\theta}$ DPN. M $\times 10^3$	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P µg - ml/l	TOTAL-P µg - ml/l	NO ₃ -N µg - ml/l	NO ₂ -N µg - ml/l	SiO ₄ -Si µg - ml/l	pH	3 SEC																														
		STD	0000	2019	3653	2589	0021173	0000	15244																																						
017		OBS	0000	2019	36528	2589			15244																																						
		STD	0010	2019	3653	2589	0021211	0021	15246																																						
		OBS	0010	2019	36528	2589			15246																																						
		STD	0020	2019	3653	2589	0021248	0042	15248																																						
003		OBS	0020	2019	36528	2589			15248																																						
		STD	0030	2019	3653	2589	0021295	0063	15249																																						
		OBS	0030	2019	36528	2589			15249																																						
		STD	0050	2019	3653	2589	0021360	0106	15253																																						
		OBS	0050	2019	36528	2589			15253																																						
		STD	0075	2019	3653	2589	0021452	0159	15257																																						
		OBS	0075	2019	36528	2589			15257																																						
		STD	0100	2019	3653	2589	0021545	0413	15261																																						
		OBS	0100	2019	36528	2589			15261																																						
		STD	0125	2019	3658	2594	0021231	0267	15266																																						
		OBS	0125	2019	36584	2594			15266																																						
		STD	0138	2019	36630	2597			15268																																						
		OBS	0138	2019	36630	2597			15268																																						
		STD	0150	1960	3663	2613	0019495	0318	15254																																						
		OBS	0150	1960	36631	2613			15254																																						
		STD	0200	1871	3660	2633	0017711	0411	15237																																						
		OBS	0200	1871	36598	2633			15237																																						
		STD	0250	1839	3658	2640	0017255	0498	15236																																						
		OBS	0250	1839	36578	2640			15236																																						
		STD	0300	1809	3656	2646	0016839	0583	15235																																						
		OBS	0300	1809	36559	2646			15235																																						
		STD	0400	1753	3646	2652	0016575	0750	15234																																						
		OBS	0400	1753	36456	2652			15234																																						
		STD	0500	1718	3638	2655	0016650	0916	15240																																						
		OBS	0500	1718	36379	2655			15240																																						
		STD	0600	1510	3602	2675	0014839	1074	15188																																						
		OBS	0600	1510	36020	2675			15188																																						
		STD	0700	1305	3564	2690	0013553	1216	15133																																						
		OBS	0700	1305	35640	2690			15133																																						
		STD	0800	1087	3522	2699	0012624	1347	15069																																						
		OBS	0800	1087	35220	2699			15069																																						
		STD	0900	0858	3515	2732	0009336	1456	15001																																						
		OBS	0900	0858	35150	2732			15001																																						
		STD	1000	0710	3510	2750	0007522	1541	14961																																						
		OBS	1000	0710	35099	2750			14961																																						
		STD	1100	0615	3512	2765	0006103	1609	14940																																						
		OBS	1100	0615	35120	2765			14940																																						
		STD	1200	0549	3508	2770	0005577	1667	14930																																						
		OBS	1200	0549	35080	2770			14930																																						
		STD	1300	0500	3506	2774	0005156	1721	14926																																						
		OBS	1300	0500	35060	2774			14926																																						
		STD	1400	0465	3506	2778	0004787	1771	14928																																						
		OBS	1400	0465	35059	2778			14928																																						
040		OBS	1443	0433	35004	2778			14930																																						
		STD	1500	0440	3505	2780	0004620	1818	14935																																						
		OBS	1500	0440	35050	2780			14935																																						
		STD	1750	0407	3502	2781	0004634	1933	14963																																						
040		OBS	1990	0378	34993	2782			14991																																						
		STD	2000	0377	3499	2783	0004614	2049	14992																																						
040		OBS	T2492	0328	34966	2785			15055																																						
		STD	2500	0327	3497	2785	0004478	2276	15056																																						
040		OBS	2988	0278	34937	2788			15119																																						
		STD	3000	0277	3494	2788	0004253	2495	15121																																						
040		OBS	T3494	0239	34913	2789			15190																																						
040		OBS	T3996	0224	34898	2789			15272																																						

TABLE VII. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 24-27 January 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8006.—Continued

REFERENCE TO SHIP CODE	SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	OBS. NO.	MARSden SQUARE			STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLE	WAVE OBSERVATIONS			WEATHER CODE	CLOUD CODE	NODC STATION NUMBER		
					10°	1'	10"	MO	DAY	HR. 1/10		CRUISE NO.	STATION NUMBER			DIR	HGT	PER				STA	
318006	EV	3155 N	06630 W	115	16	01	44	115	1967	A63	024	5395			15	3	4	X1	0	3	0024		
				WATER		WIND		BARO-		AIR TEMP °C		NO. OBS DEPTHS		SPECIAL OBSERVATIONS									
				COLOR CODE		TRANS. DIR.		METER (=mb)		DRY BULB		WET BULB		VIS CODE									
				0T		SD 08		S02		291		206		172		8		24					
MESSING TIME HR 1/10	CASE NO.	CARD TYPE	DEPTH (M)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY (10 ³)	Σ Δ σ _T (M 10 ³)	SOUND VELOCITY (M/SEC)	D ₂ (M/SEC)	PO ₄ -P (μg-ATL)	TO ₄ -P (μg-ATL)	NO ₃ -N (μg-ATL)	NO ₂ -N (μg-ATL)	SiO ₄ -S (μg-ATL)	PH	S CODE						
115		STO	0000	1985	3652	2598	0020331	0000	15235														
		OBS	0000	1985	36525	2598			15235														
		STO	0010	1983	3653	2599	0020295	0020	15236														
		OBS	0010	1983	36529	2599			15236														
		STO	0020	1983	3653	2599	0020341	0040	15238														
003		OBS	0020	1983	36527	2599			15238														
		STO	0030	1983	3652	2599	0020396	0061	15240														
		OBS	0030	1983	36525	2599			15240														
		STO	0050	1983	3652	2599	0020479	0101	15243														
		OBS	0050	1983	36523	2599			15243														
		STO	0075	1983	3652	2599	0020562	0153	15247														
		OBS	0075	1983	36525	2599			15247														
		STO	0100	1983	3652	2599	0020663	0204	15251														
		OBS	0100	1983	36524	2599			15251														
		STO	0125	1983	3653	2599	0020718	0256	15255														
		OBS	0125	1983	36528	2599			15255														
		STO	0150	1982	3656	2602	0020557	0308	15259														
		OBS	0150	1982	36560	2602			15259														
		STO	0200	1885	3661	2631	0017923	0404	15241														
		OBS	0200	1885	36615	2631			15241														
		STO	0250	1823	3658	2645	0016816	0491	15232														
		OBS	0250	1823	36585	2645			15232														
		STO	0300	1802	3658	2649	0016521	0574	15234														
		OBS	0300	1802	36579	2649			15234														
		STO	0400	1760	3649	2653	0016507	0739	15237														
		OBS	0400	1760	36490	2653			15237														
		STO	0500	1710	3641	2659	0016267	0903	15238														
		OBS	0500	1710	36406	2659			15238														
		STO	0600	1585	3613	2667	0015726	1063	15213														
		OBS	0600	1585	36128	2667			15213														
		STO	0700	1377	3576	2684	0014140	1212	15159														
		OBS	0700	1377	35763	2684			15159														
		STO	0800	1143	3546	2707	0011905	1342	15092														
		OBS	0800	1143	35463	2707			15092														
		STO	0900	0918	3523	2729	0009748	1451	15025														
		OBS	0900	0918	35232	2729			15025														
		STO	1000	0747	3511	2746	0007983	1539	14975														
		OBS	1000	0747	35115	2746			14975														
		STO	1100	0598	3508	2764	0006150	1610	14933														
		OBS	1100	0598	35080	2764			14933														
		STO	1200	0542	3510	2772	0005355	1668	14927														
		OBS	1200	0542	35097	2772			14927														
		STO	1300	0515	3510	2776	0005070	1720	14933														
		OBS	1300	0515	35100	2776			14933														
		STO	1400	0488	3509	2779	0004844	1769	14938														
		OBS	1400	0488	35095	2779			14938														
		STO	1500	0470	3510	2781	0004654	1817	14948														
		OBS	1500	0470	35101	2781			14948														

TABLE VII. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 24-27 January 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8006.—Continued

REFERENCE CITY CODE	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	MARS DEN SQUARE	STATION TIME (GMT)		YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	WAVE DEPTH OF SYMPLES	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER		
					MO	DAY		HR./10	CRUISE NO.			STATION NUMBER	DIR	HGT				PER	SEA
318006	EV	3155 N	06746 W	115	17	01	24	177	1967	A63	025	5030	08	3	2	X2	0	3	0025
				WATER		WIND		AIR TEMP °C		NO. OBS DEPTHS		SPECIAL OBSERVATIONS							
				COLOR CODE	TRANS (M)	DIR	SPEED OR FORCE	BARO-METER (mb)	DRY BULB	WET BULB	WET CODE								
				DT	SD	09	505	301	261	172	7								
MESSAGE TIME HR 1/10	CAS1 NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SINCH VOLUME AND MALT (lit)	Σ Δ D CYN M Σ 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₃ -N μg - ml/l	NO ₂ -N μg - ml/l	SiO ₂ -S μg - ml/l	PH	SI CODE		
		STD	0000	2038	3655	2586	0021491	0000	15250										
	177	OBS	0000	2038	36551	2586			15250										
		STD	0010	2035	3654	2586	0021492	0021	15251										
		OBS	0010	2035	36545	2586			15251										
		STD	0020	2017	3652	2590	0021221	0042	15247										
	003	OBS	0020	2017	36525	2590			15247										
		STD	0030	2012	3652	2591	0021149	0064	15247										
		OBS	0030	2012	36522	2591			15247										
		STD	0050	2009	3652	2591	0021178	0106	15250										
		OBS	0050	2009	36518	2591			15250										
		STD	0075	2004	3652	2592	0021152	0159	15252										
		OBS	0075	2004	36516	2592			15252										
		STD	0100	2001	3652	2593	0021172	0212	15256										
		OBS	0100	2001	36516	2593			15256										
		STD	0125	2002	3654	2595	0021119	0265	15260										
		OBS	0125	2002	36540	2595			15260										
		STD	0150	1954	3661	2613	0019475	0315	15252										
		OBS	0150	1954	36612	2613			15252										
		STD	0200	1854	3658	2636	0017409	0408	15232										
		OBS	0200	1854	36582	2636			15232										
		STD	0250	1822	3656	2643	0016951	0493	15231										
		OBS	0250	1822	36563	2643			15231										
		STD	0300	1806	3656	2647	0016766	0578	15235										
		OBS	0300	1806	36559	2647			15235										
		STD	0400	1767	3647	2650	0016817	0746	15239										
		OBS	0400	1767	36470	2650			15239										
		STD	0500	1705	3637	2657	0016416	0912	15236										
		OBS	0500	1705	36369	2657			15236										
		STD	0600	1565	3606	2666	0015751	1073	15206										
		OBS	0600	1565	36062	2666			15206										
		STD	0700	1360	3570	2683	0014218	1222	15152										
		OBS	0700	1360	35703	2683			15152										
		STD	0800	1149	3541	2702	0012405	1356	15094										
		OBS	0800	1149	35411	2702			15094										
		STD	0900	0912	3519	2727	0009915	1467	15022										
		OBS	0900	0912	35195	2727			15022										
		STD	1000	0715	3509	2749	0007684	1555	14962										
		OBS	1000	0715	35088	2749			14962										
		STD	1100	0593	3507	2764	0006147	1624	14930										
		OBS	1100	0593	35070	2764			14930										
		STD	1200	0522	3504	2770	0005503	1683	14918										
		OBS	1200	0522	35039	2770			14918										
		STD	1300	0474	3504	2776	0004974	1735	14915										
		OBS	1300	0474	35036	2776			14915										
		STD	1400	0449	3504	2778	0004727	1783	14922										
		OBS	1400	0449	35038	2778			14922										
		STD	1500	0430	3504	2781	0004568	1830	14931										
		OBS	1500	0430	35038	2781			14931										

TABLE VII. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 24-27 January 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8006.—Continued

REFERENCE	SHIP CODE	LATITUDE	LONGITUDE	SURF TEMPERATURE	WARDEN SQUARE		STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEATHER CODE	CLOUD CODE	NODC STATION NUMBER	
					10'	1"	MO	DAY	HR		1/10	CRUISE NO.			STATION NUMBER	DIR	HGT				PER
318006	EV	3157 N	06858 W	115	18	01	25	018	1967	A63	026	5212	09	1	2	X1	0	3	0026		
					WATER		WIND		BARO-METER		AIR TEMP °C		NO. OBS. DEPTHS		SPECIAL OBSERVATIONS						
					COLOR	TEMP	DIR.	SPEED	NO.	DIR	WET	VIS									
					DT	SD	OR	508	295	200	183	7									
					MISSING TIME OF HR 1/10	CAST NO.	CARD TYPE	DEPTH (M)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-1977	SOUND VELOCITY	D ₂ (M/L)	PO ₄ -P (µg-ø/l)	TOTAL-P (µg-ø/l)	NO ₃ -N (µg-ø/l)	NO ₂ -N (µg-ø/l)	SiO ₂ -S (µg-ø/l)	PH	S CODE
					018		STO	0000	2035	3653	2585	0021554	0000	15249							
							OBS	0000	2035	36531	2585			15249							
							STO	0010	2035	3653	2585	0021591	0021	15250							
							OBS	0010	2035	36531	2585			15250							
							STO	0020	2035	3651	2584	0021783	0043	15252							
							OBS	0020	2035	36510	2584			15252							
							STO	0030	2035	3652	2585	0021748	0065	15254							
							OBS	0030	2035	36520	2585			15254							
							STO	0050	2021	3656	2591	0021188	0108	15254							
							OBS	0050	2021	36559	2591			15254							
							STO	0075	2018	3654	2591	0021344	0161	15257							
							OBS	0075	2018	36539	2591			15257							
							STO	0100	2000	3656	2597	0020819	0213	15256							
							OBS	0100	2000	36561	2597			15256							
							STO	0125	1971	3661	2608	0019821	0264	15253							
							OBS	0125	1971	36611	2608			15253							
							STO	0150	1900	3662	2628	0018082	0312	15237							
							OBS	0150	1900	36620	2628			15237							
							STO	0200	1853	3659	2637	0017327	0400	15232							
							OBS	0200	1853	36590	2637			15232							
							STO	0250	1830	3658	2642	0017035	0486	15233							
							OBS	0250	1830	36578	2642			15233							
							STO	0300	1816	3658	2646	0016870	0571	15238							
							OBS	0300	1816	36578	2646			15238							
							STO	0400	1785	3651	2648	0016980	0740	15244							
							OBS	0400	1785	36507	2648			15244							
							STO	0500	1725	3638	2653	0016826	0909	15242							
							OBS	0500	1725	36378	2653			15242							
							STO	0600	1555	3606	2669	0015509	1071	15203							
							OBS	0600	1555	36065	2669			15203							
							STO	0700	1355	3570	2684	0014141	1219	15151							
							OBS	0700	1355	35700	2684			15151							
							STO	0800	1089	3536	2709	0011646	1348	15072							
							OBS	0800	1089	35360	2709			15072							
							STO	0900	0940	3527	2728	0009850	1455	15033							
							OBS	0900	0940	35270	2728			15033							
							STO	1000	0720	3510	2749	0007668	1543	14964							
							OBS	1000	0720	35100	2749			14964							
							STO	1100	0609	3509	2763	0006230	1612	14937							
							OBS	1100	0609	35090	2763			14937							
							STO	1200	0549	3511	2772	0005383	1671	14930							
							OBS	1200	0549	35107	2772			14930							
							STO	1300	0518	3510	2776	0005088	1723	14934							
							OBS	1300	0518	35103	2776			14934							
							STO	1400	0437	3508	2778	0004938	1773	14938							
							OBS	1400	0437	35080	2778			14938							
							STO	1500	0460	3507	2780	0004743	1821	14943							
							OBS	1500	0460	35070	2780			14943							

TABLE VII. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 24-27 January 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8006.—Continued

REFERENCE		SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	MARS DEN SQUARE	STATION TIME IGMT			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER			
CRUISE CODE	ID. NO.					MO	DAY	HR./10		CRUISE NO.	STATION NUMBER			DR	HGT	PER				DIR	PER	DIR
318006	EV		31575N	07004 W	116	10	01	25	080	1967	A63	027	5348		25	1	2	X1	0	3	0027	
					WATER		WIND		AIR TEMP °C		NO. OBS. DEPTHS		SPECIAL OBSERVATIONS									
					COLOR CODE		DIR. OF FORCE		DRY BULB		WET BULB											
					DT		SO		27		S05		288		206		183		7		32	
MISSING TIME HR 1/10	CAST NO.	CARD TYPE	DEPTH (M)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY (10 ³)	SOUND VELOCITY M 10 ³	O ₂ (M/1)	PO ₄ -P (μg-at/l)	TOTAL-SP (μg-at/l)	NO ₂ -N (μg-at/l)	NO ₃ -N (μg-at/l)	SiO ₂ -S (μg-at/l)	PH	SEC						
	080	STD	0000	1999	3652	2594	0020711	0000	15239													
		OBS	0000	1999	36521	2594			15239													
		STD	0010	1999	3652	2594	0020748	0020	15241													
		OBS	0010	1999	36521	2594			15241													
		STD	0020	1999	3652	2594	0020785	0041	15242													
		OBS	0020	1999	36521	2594			15242													
	002	STD	0030	1999	3652	2594	0020832	0062	15244													
		OBS	0030	1999	36520	2594			15244													
		STD	0050	1999	3652	2594	0020906	0104	15247													
		OBS	0050	1999	36520	2594			15247													
		STD	0075	1998	3659	2600	0020473	0155	15252													
		OBS	0075	1998	36589	2600			15252													
		STD	0100	1977	3663	2608	0019730	0206	15251													
		OBS	0100	1977	36631	2608			15251													
		STD	0125	1921	3662	2622	0018520	0253	15239													
		OBS	0125	1921	36619	2622			15239													
		STD	0150	1890	3661	2629	0017908	0299	15234													
		OBS	0150	1890	36610	2629			15234													
		STD	0200	1841	3659	2640	0017035	0386	15229													
		OBS	0200	1841	36590	2640			15229													
		STD	0250	1821	3658	2645	0016797	0471	15231													
		OBS	0250	1821	36580	2645			15231													
		STD	0300	1815	3657	2646	0016887	0555	15237													
		OBS	0300	1815	36572	2646			15237													
		STD	0400	1761	3648	2652	0016607	0723	15237													
		OBS	0400	1761	36480	2652			15237													
		STD	0500	1709	3636	2655	0016580	0888	15237													
		OBS	0500	1709	36360	2655			15237													
		STD	0600	1559	3599	2662	0016140	1052	15203													
		OBS	0600	1559	35989	2662			15203													
		STD	0700	1275	3558	2691	0013382	1200	15122													
		OBS	0700	1275	35580	2691			15122													
		STD	0800	1160	3548	2706	0012073	1327	15098													
		OBS	0800	1160	35485	2706			15098													
		STD	0900	1010	3524	2714	0011300	1444	15059													
		OBS	0900	1010	35240	2714			15059													
		STD	1000	0780	3512	2742	0008470	1543	14988													
		OBS	1000	0780	35119	2742			14988													
		STD	1100	0639	3507	2758	0006817	1619	14949													
		OBS	1100	0639	35070	2758			14949													
		STD	1200	0565	3510	2770	0005673	1682	14936													
		OBS	1200	0565	35098	2770			14936													
		STD	1300	0509	3508	2775	0005141	1736	14930													
		OBS	1300	0509	35079	2775			14930													
		STD	1400	0472	3507	2778	0004810	1785	14932													
		OBS	1400	0472	35070	2778			14932													
		STD	1461	0443	35011	2777			14929													
		OBS	1500	0447	3506	2780	0004636	1833	14938													
		STD	1500	0447	35060	2780			14938													
		OBS	1750	0405	3501	2781	0004653	1949	14962													
		STD	1950	0377	34985	2782			14984													
		OBS	2000	0372	3498	2782	0004606	2064	14990													
		STD	2440	0329	34968	2785			15047													
		OBS	2500	0324	3496	2786	0004442	2291	15055													
		STD	T2937	0290	34941	2787			15115													
		OBS	3000	0285	3494	2787	0004373	2511	15124													
		STD	T3435	0259	34921	2788			15188													
		OBS	3924	0241	34911	2789			15266													
		STD	4000	0240	3491	2789	0004372	2948	15279													
		OBS	T4420	0236	34900	2788			15352													
		STD	T4919	0232	34889	2788			15439													

TABLE VII. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 24-27 January 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8006.—Continued

REFERENCE	SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	WARSZEN SQUARE	STATION TIME GMT			YEAR	ORIGINATOR'S		DEPTH 10 BOTTOM	MAX DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER	
					MO	DAI	HR:1/10		CAUISE NO.	STATION NUMBER			DIR	HGT	PER				PER
318006	EV	3212 N	07036 W	116	20	01	25	138	1967	A63	028	5303	16	1	4	X1	0	3	0028
				WATER		WIND		BARO- METER		AIR TEMP °C			NO. OBS. DEPTH	SPECIAL OBSERVATIONS					
				COLOR	TEMP	DIR	SPEED	DRY	WET	WET	WET	WET			WET	WET	WET	WET	WET
				DT	SO	09	504	295	211	189	7	24							
MESSAGE TIME HR 1/10	CASST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY-20°	Σ Δ D OBS. M x 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P µg - ml/l	TOTAL-P µg - ml/l	NO ₂ -N µg - ml/l	NO ₃ -N µg - ml/l	SiO ₄ -Si µg - ml/l	PH	ST CC		
138		STO	0000	2028	3655	2589	0021237	0000	15247										
		OBS	0000	2028	36551	2589			15247										
		STO	0010	2029	3655	2588	0021292	0021	15249										
		OBS	0010	2029	36551	2588			15249										
		STO	0020	2027	3655	2589	0021284	0042	15250										
004		OBS	0020	2027	36551	2589			15250										
		STO	0030	2028	3653	2587	0021494	0063	15252										
		OBS	0030	2028	36531	2587			15252										
		STO	0050	2021	3654	2590	0021324	0106	15253										
		OBS	0050	2021	36540	2590			15253										
		STO	0075	2018	3655	2591	0021271	0160	15257										
		OBS	0075	2018	36549	2591			15257										
		STO	0100	2012	3655	2593	0021209	0213	15259										
		OBS	0100	2012	36549	2593			15259										
		STO	0125	2003	3656	2596	0020993	0265	15261										
		OBS	0125	2003	36560	2596			15261										
		STO	0150	1988	3656	2600	0020711	0318	15261										
		OBS	0150	1988	36560	2600			15261										
		STO	0200	1939	3661	2617	0019310	0418	15256										
		OBS	0200	1939	36609	2617			15256										
		STO	0250	1850	3661	2630	0017304	0509	15240										
		OBS	0250	1850	36607	2639			15240										
		STO	0300	1823	3659	2645	0016954	0595	15240										
		OBS	0300	1823	36590	2645			15240										
		STO	0400	1799	3656	2649	0016916	0764	15249										
		OBS	0400	1798	36559	2649			15249										
		STO	0500	1748	3645	2653	0016834	0933	15249										
		OBS	0500	1748	36452	2653			15249										
		STO	0600	1644	3621	2660	0016435	1099	15232										
		OBS	0600	1644	36215	2660			15232										
		STO	0700	1459	3590	2677	0014889	1256	15187										
		OBS	0700	1459	35900	2677			15187										
		STO	0800	1246	3560	2698	0012929	1395	15129										
		OBS	0800	1246	35598	2698			15129										
		STO	0900	1045	3534	2716	0011209	1516	15072										
		OBS	0900	1045	35339	2716			15072										
		STO	1000	0828	3515	2737	0009050	1617	15007										
		OBS	1000	0828	35147	2737			15007										
		STO	1100	0672	3511	2756	0007047	1697	14962										
		OBS	1100	0672	35106	2756			14962										
		STO	1200	0579	3510	2768	0005861	1762	14942										
		OBS	1200	0579	35100	2768			14942										
		STO	1300	0531	3510	2774	0005303	1818	14939										
		OBS	1300	0531	35099	2774			14939										
		STO	1400	0488	3508	2777	0004950	1869	14938										
		OBS	1400	0488	35081	2777			14938										
		STO	1500	0464	3507	2780	0004766	1918	14945										
		OBS	1500	0464	35075	2780			14945										

TABLE VII. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 24-27 January 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8006.—Continued

REFERENCE CART CODE	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	SOUNDING NO.	MARSden SQUARE		STATION TIME (GMT)		YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLING	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER		
					10°	1'	NO.	DAT		HR	1/10			CRUISE NO.	STATION NUMBER	DIR				HGT	PER
318006	EV	32 42 N	07 107 W	116	21	01	25	175	1967	Ab	3 029	5404			08	1	2	X1	0	3	0029
				WATER		WIND		AIR TEMP °C		NO. OBS. DEPTHS		SPECIAL OBSERVATIONS									
				COLOR CODE	TRANS (m)	DIR	SPEED (knot)	BARO. METER (mb)	DIR BULB	WET BULB	VIS CODE										
				01	50	09	504	288	272	239	7										
MESSAGE TIME HR 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-20°	S Δ σ _t DPT. (m) x 10 ²	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - dl/l	TOTAL-P μg - dl/l	NO ₃ -N μg - dl/l	NO ₂ -N μg - dl/l	SIO ₄ -Si μg - dl/l	pH	S CC				
	175	STD	0000	2021	3652	2588	0021282	0000	15245												
		OBS	0000	2021	36520	2588			15245												
		STD	0010	2021	3652	2588	0021319	0021	15246												
		OBS	0010	2021	36520	2588			15246												
		STD	0020	2013	3652	2590	0021166	0042	15246												
	002	OBS	0020	2013	36518	2590			15246												
		STD	0030	2009	3652	2591	0021104	0063	15246												
		OBS	0030	2009	36518	2591			15246												
		STD	0050	2009	3652	2591	0021178	0106	15250												
		OBS	0050	2009	36518	2591			15250												
		STD	0075	2019	3657	2593	0021145	0158	15257												
		OBS	0075	2019	36570	2593			15257												
		STD	0100	2005	3656	2596	0020937	0211	15257												
		OBS	0100	2005	36562	2596			15257												
		STD	0125	1990	3661	2603	0020304	0263	15258												
		OBS	0125	1990	36613	2603			15258												
		STD	0150	1932	3662	2619	0018875	0312	15246												
		OBS	0150	1932	36620	2619			15246												
		STD	0200	1853	3656	2635	0017526	0403	15232												
		OBS	0200	1853	36562	2635			15232												
		STD	0250	1827	3656	2642	0017052	0489	15232												
		OBS	0250	1827	36565	2642			15232												
		STD	0300	1815	3656	2645	0016959	0574	15237												
		OBS	0300	1815	36562	2645			15237												
		STD	0400	1780	3650	2649	0016915	0743	15243												
		OBS	0400	1780	36499	2649			15243												
		STD	0500	1724	3640	2655	0016636	0911	15242												
		OBS	0500	1724	36400	2655			15242												
		STD	0600	1619	3614	2660	0016394	1076	15223												
		OBS	0600	1619	36142	2660			15223												
		STD	0700	1459	3588	2675	0015068	1234	15187												
		OBS	0700	1459	35875	2675			15187												
		STD	0800	1250	3555	2694	0013328	1376	15130												
		OBS	0800	1250	35554	2694			15130												
		STD	0900	1001	3526	2717	0010973	1497	15056												
		OBS	0900	1001	35263	2717			15056												
		STD	1000	0800	3506	2734	0009240	1598	14995												
		OBS	1000	0800	35058	2734			14995												
		STD	1100	0642	3505	2756	0007010	1679	14950												
		OBS	1100	0642	35050	2756			14950												
		STD	1200	0555	3506	2768	0005805	1743	14932												
		OBS	1200	0555	35060	2768			14932												
		STD	1300	0499	3504	2773	0005270	1799	14925												
		OBS	1300	0499	35043	2773			14925												
		STD	1400	0470	3504	2776	0004997	1850	14930												
		OBS	1400	0470	35040	2776			14930												
		STD	1500	0457	3504	2778	0004890	1900	14942												
		OBS	1500	0457	35044	2778			14942												

TABLE VII. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 24-27 January 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8006.—Continued

REFERENCE CRUISE CODE	SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	MARS SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAT. DEPTH OF SAMPLING	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER		
					TO	MO	DAY		HR	MIN			CRUISE NO.	STATION NUMBER	DIR				PERCENT	SEA
318006	EV	3251 N	07136 W	116	21	01	25	209	1967	A63	030	5303	13	1	2	X2	0 3	0030		
				WATER		WIND		BARO-		AIR TEMP °C										
				COLOR	TRANSP	DUR	SPEED	METER	DRY	WET	VIS	NO. OBS.	SPECIAL							
				CODE	(MT)	(HRS)	(MPS)	(MSAT)	BULB	BULB	(M)	OBS.	OBSERVATIONS							
				DT	SD	12	S10	2B1	194	178	7	24								
MESSAGE TIME HR 1/10	CAS NO	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY (δσ _t)	Σ Δ ρ DYN M 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg-at/l	TOTAL-P μg-at/l	NO ₃ -N μg-at/l	NO ₂ -N μg-at/l	SiO ₄ -Si μg-at/l	pH	χ C			
		STD	0000	1991	3655	2599	0020304	0000	15237											
	209	OBS	0000	1991	36550	2599			15237											
		STD	0010	1989	3655	2599	0020295	0020	15238											
		OBS	0010	1989	36549	2599			15238											
		STD	0020	1985	3655	2600	0020233	0040	15239											
	002	OBS	0020	1985	36549	2600			15239											
		STD	0030	1979	3655	2602	0020115	0060	15239											
		OBS	0030	1979	36550	2602			15239											
		STD	0040	1974	3655	2603	0020026	0100	15241											
		OBS	0040	1974	36555	2603			15241											
		STD	0075	1970	3658	2606	0019855	0150	15244											
		OBS	0075	1970	36577	2606			15244											
		STD	0100	1952	3662	2614	0019184	0199	15244											
		OBS	0100	1952	36620	2614			15244											
		STD	0125	1911	3662	2625	0018274	0246	15236											
		OBS	0125	1911	36618	2625			15236											
		STD	0140	1880	3660	2631	0017743	0291	15231											
		OBS	0140	1880	36599	2631			15231											
		STD	0200	1848	3657	2637	0017362	0379	15230											
		OBS	0200	1848	36569	2637			15230											
		STD	0240	1825	3651	2638	0017394	0466	15231											
		OBS	0240	1825	36511	2638			15231											
		STD	0300	1785	3644	2643	0017126	0552	15227											
		OBS	0300	1785	36440	2643			15227											
		STD	0400	1749	3643	2651	0016689	0721	15233											
		OBS	0400	1749	36429	2651			15233											
		STD	0500	1678	3626	2655	0016602	0887	15226											
		OBS	0500	1678	36256	2655			15226											
		STD	0600	1548	3601	2666	0015744	1049	15200											
		OBS	0600	1548	36010	2666			15200											
		STD	0700	1382	3578	2685	0014110	1198	15161											
		OBS	0700	1382	35781	2685			15161											
		STD	0800	1189	3545	2698	0012883	1333	15108											
		OBS	0800	1189	35450	2698			15108											
		STD	0900	0960	3522	2721	0010544	1451	15040											
		OBS	0900	0960	35222	2721			15040											
		STD	1000	0761	3509	2742	0008394	1545	14980											
		OBS	1000	0761	35089	2742			14980											
		STD	1100	0633	3508	2760	0006643	1620	14947											
		OBS	1100	0633	35082	2760			14947											
		STD	1200	0567	3507	2767	0005909	1683	14937											
		OBS	1200	0567	35070	2767			14937											
		STD	1300	0511	3507	2774	0005226	1739	14931											
		OBS	1300	0511	35071	2774			14931											
		STD	1400	0481	3507	2777	0004936	1790	14935											
		OBS	1400	0481	35069	2777			14935											
		STD	1500	0459	3504	2777	0004959	1819	14943											
		OBS	1500	0459	35039	2777			14943											

TABLE VII. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 24-27 January 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8006.—Continued

REFERENCE CITE CODE	SNIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	MARSDEN SQUARE	STATION TIME IGMT		YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	WAVE OBSERVATIONS	WIND DIRECTION	CLOUD CODES	NODC STATION NUMBER															
					MO	DAY		NO.	STATION NUMBER																				
318006		EV	33115N	07219 W	116	32	01 26	025	1967	A63	031	5212	15	2 2	X2	0 3	0031												
WATER		WIND		SOUND		AIR TEMP		NO. OBS.		SPECIAL																			
COLOR		DIR.		METER		DRY		WET		VS.		OBS.																	
CODE		OF		OR		BULB		BULB		CODE		DEPTHS																	
DT		SD		15		506		278		194		189 7																	
MISSENGER		CAST		CARD		DEPTH		T °C		S. ‰		SIGMA-T		SPECIFIC VOLUME		SOUND		PO ₄ -P		TOTAL-P		NO ₃ -N		NO ₃ -N		SiO ₄ -S		pH	
TIME		NO.		TYPE		(m)								ANOMALY		VELOCITY		μg - liter		μg - liter		μg - liter		μg - liter					
			STD		0000		1995		3657		2599		0020276		0000		15238												
052			OBS		0000		1995		36568		2599						15238												
			STD		0010		1990		3657		2600		0020187		0020		15239												
			OBS		0010		1990		36568		2600						15239												
			STD		0020		1990		3656		2600		0020269		0040		15240												
002			OBS		0020		1990		36561		2600						15240												
			STD		0030		1990		3657		2600		0020261		0060		15242												
			OBS		0030		1990		36568		2600						15242												
			STD		0050		1979		3656		2603		0020080		0101		15242												
			OBS		0050		1979		36565		2603						15242												
			STD		0075		1963		3658		2608		0019664		0150		15242												
			OBS		0075		1963		36580		2608						15242												
			STD		0100		1963		3658		2608		0019756		0200		15246												
			OBS		0100		1963		36580		2608						15246												
			STD		0125		1960		3657		2608		0019828		0249		15249												
			OBS		0125		1960		36572		2608						15249												
			STD		0150		1990		3659		2612		0019538		0298		15251												
			OBS		0150		1990		36590		2612						15251												
			STD		0200		1909		3661		2624		0018561		0394		15248												
			OBS		0200		1909		36609		2624						15248												
			STD		0250		1837		3658		2641		0017155		0483		15236												
			OBS		0250		1837		36585		2641						15236												
			STD		0300		1820		3658		2645		0016952		0568		15239												
			OBS		0300		1820		36580		2645						15239												
			STD		0400		1790		3654		2649		0016866		0737		15246												
			OBS		0400		1790		36539		2649						15246												
			STD		0500		1745		3646		2654		0016715		0905		15249												
			OBS		0500		1745		36458		2654						15249												
			STD		0600		1687		3628		2654		0016967		1073		15246												
			OBS		0600		1687		36280		2654						15246												
			STD		0700		1540		3601		2668		0015866		1238		15214												
			OBS		0700		1540		36010		2668						15214												
			STD		0800		1290		3563		2692		0013581		1385		15145												
			OBS		0800		1290		35630		2692						15145												
			STD		0900		1045		3529		2712		0011565		1511		15072												
			OBS		0900		1045		35291		2712						15072												
			STD		1000		0850		3514		2733		0009459		1616		15015												
			OBS		1000		0850		35140		2733						15015												
			STD		1100		0673		3508		2754		0007253		1699		14962												
			OBS		1100		0673		35080		2754						14962												
			STD		1200		0585		3508		2766		0006054		1766		14944												
			OBS		1200		0585		35085		2766						14944												
			STD		1300		0529		3508		2773		0005412		1823		14938												
			OBS		1300		0529		35080		2773						14938												
			STD		1400		0489		3506		2776		0005076		1876		14938												
			OBS		1400		0489		35065		2776						14938												
035			OBS		1402		0481		35018		2773						14935												
			STD		1500		0466		3506		2778		0004913		1926		14946												
			OBS		1500		0466		35059		2778						14946												
			STD		1750		0417		3531		2779		0004859		2048		14967												
035			OBS		T1876		0397		34988		2780						14980												
			STD		2000		0385		3498		2781		0004601		2168		14956												
035			OBS		T2358		0352		34972		2783						15042												
			STD		2500		0338		3497		2785		0004592		2403		15061												
035			OBS		2844		0307		34965		2787						15107												
			STD		3000		0295		3496		2788		0004346		2627		15129												
035			OBS		3351		0271		34947		2789						15179												
035			OBS		T3830		0246		34911		2788						15252												
			STD		4000		0241		3490		2788		0004420		3065		15280												
035			OBS		4329		0236		34901		2788						15336												

TABLE VII. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 24-27 January 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8006. —Continued

REFERENCE SHIP ID NO.	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	MAGNETIC CORRECTION 1'	MAGNETIC SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER	
						MO	DAY	HR./10		CRUISE NO.	STATION NUMBER			DIR	HGT	PER				SEA
318006	EV	3335 N	07233 W	116	32	01	26	083	1967	A63	032	4938	18	1	1	x2	03	0032		
				WATER	WIND	BARO-		AIR TEMP °C		WE		SPECIAL								
				COLOR	DIR	METER		DBT		NO.		OBS.								
				CODE	OR	254		BULB		CODE		DEPTH'S								
				OT	SO	21		200		194		7		26						
MESSAGE TIME HR 1/10	CASST NO.	CASST TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY-σ _t	SOUND VELOCITY M X 10 ³	O ₂ ml/l	PO ₄ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₂ -N μg - ml/l	NO ₃ -N μg - ml/l	SiO ₄ -Si μg - ml/l	PH	S C C				
	083	STD	0000	1971	3656	2605	0019733	0000	15232											
		OBS	0000	1971	36560	2605			15232											
		STD	0010	1970	3656	2605	0019743	0019	15233											
		OBS	0010	1970	36560	2605			15233											
		STD	0020	1970	3656	2605	0019779	0039	15235											
	002	OBS	0020	1970	36560	2605			15235											
		STD	0030	1970	3656	2605	0019825	0059	15236											
		OBS	0030	1970	36559	2605			15236											
		STD	0050	1965	3656	2606	0019763	0098	15238											
		OBS	0050	1965	36560	2606			15238											
		STD	0075	1962	3656	2607	0019782	0148	15242											
		OBS	0075	1962	36560	2607			15242											
		STD	0100	1961	3656	2607	0019846	0197	15245											
		OBS	0100	1961	36560	2607			15245											
		STD	0125	1959	3656	2608	0019882	0247	15249											
		OBS	0125	1959	36561	2608			15249											
		STD	0150	1957	3657	2609	0019856	0297	15253											
		OBS	0150	1957	36570	2609			15253											
		STD	0200	1890	3660	2629	0018159	0392	15243											
		OBS	0200	1890	36600	2629			15243											
		STD	0250	1849	3657	2637	0017529	0481	15239											
		OBS	0250	1849	36573	2637			15239											
		STD	0300	1825	3657	2643	0017144	0568	15240											
		OBS	0300	1825	36570	2643			15240											
		STD	0400	1800	3653	2646	0017142	0739	15249											
		OBS	0400	1800	36535	2646			15249											
		STD	0500	1759	3644	2649	0017174	0911	15252											
		OBS	0500	1759	36441	2649			15252											
		STD	0600	1690	3628	2654	0017033	1082	15247											
		OBS	0600	1690	36280	2654			15247											
		STD	0700	1545	3601	2667	0015944	1247	15215											
		OBS	0700	1545	36015	2667			15215											
		STD	0800	1350	3571	2686	0014235	1397	15166											
		OBS	0800	1350	35710	2686			15166											
		STD	0900	1113	3536	2705	0012305	1530	15097											
		OBS	0900	1113	35363	2705			15097											
		STD	1000	0894	3512	2724	0010348	1643	15031											
		OBS	1000	0894	35120	2724			15031											
		STD	1100	0670	3502	2750	0007645	1733	14960											
		OBS	1100	0670	35020	2750			14960											
		STD	1200	0543	3501	2765	0006002	1802	14926											
		OBS	1200	0543	35010	2765			14926											
		STD	1300	0494	3502	2772	0005387	1859	14923											
		OBS	1300	0494	35017	2772			14923											
		STD	1400	0466	3501	2774	0005160	1911	14928											
		OBS	1400	0466	35010	2774			14928											
		STD	1500	0447	3502	2777	0004935	1962	14937											
		OBS	1500	0447	35020	2777			14937											

TABLE VII. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 24-27 January 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8006.—Continued

REFERENCE FORM CODE	SHIP ID. NO.	SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	DATE DD	TIME HH:MM	YEAR	ORIGINATOR'S		DEPTH ID	MAX DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER
								CRUISE NO.	STATION NUMBER			DIR	HGT	PER			
318006	EV		3348 N	07308 W	116	133 01 26 117	1967	A63	033	4663		17	1	5	X1	03	0033
		WATER		WIND		BARO-		AIR TEMP °C		VIS		NO. OBS. DEPTHS		SPECIAL OBSERVATIONS			
		COLOR		TRANS. DR.		METER		DRY WET		CODE							
		DT		SD		SI		247		200 200		7 25					
MESSAGE TIME HR 1/10	CAST NO	CARD TYPE	DEPTH (M)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-20°	$\frac{\Delta \sigma_t}{\sigma_t}$ DWN-W E 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P µg · ml ⁻¹	TOTAL-P µg · ml ⁻¹	NO ₃ -N µg · ml ⁻¹	NO ₂ -N µg · ml ⁻¹	SiO ₄ -Si µg · ml ⁻¹	pH	TEMP. TYPE
	117	STD	0000	2332	3644	2495	0030134	0000	15324								
		OBS	0000	2332	36440	2495			15324								
		STD	0010	2332	3644	2495	0030174	0030	15326								
		OBS	0010	2332	36440	2495			15326								
		STD	0020	2332	3644	2495	0030196	0060	15327								
	003	OBS	0020	2332	36442	2495			15327								
		STD	0030	2308	3647	2505	0029355	0090	15323								
		OBS	0030	2308	36472	2505			15323								
		STD	0050	2150	3676	2571	0023080	0142	15290								
		OBS	0050	2150	3676	2571			15290								
		OBS	0060	2165	36780	2569			15296								
		STD	0075	2030	3656	2589	0021499	0198	15260								
		OBS	0075	2030	36560	2589			15260								
		STD	0100	1975	3658	2605	0020056	0250	15249								
		OBS	0100	1975	36580	2605			15249								
		STD	0125	1971	3659	2607	0019975	0300	15253								
		OBS	0125	1971	36590	2607			15253								
		STD	0150	1968	3659	2608	0019984	0350	15256								
		OBS	0150	1968	36590	2608			15256								
		STD	0200	1945	3663	2617	0019294	0448	15298								
		OBS	0200	1945	36632	2617			15298								
		STD	0250	1860	3660	2636	0017605	0540	15242								
		OBS	0250	1860	36600	2636			15242								
		STD	0310	1838	3658	2641	0017347	0628	15244								
		OBS	0310	1838	36585	2641			15244								
		STD	0300	1838	36585	2641	0017082	0800	15251								
		OBS	0300	1805	3656	2647			15251								
		STD	0430	1835	36560	2647	0017074	0971	15256								
		OBS	0430	1770	3649	2650			15256								
		STD	0500	1770	36491	2650	0016925	1141	15253								
		OBS	0600	1710	3636	2655			15253								
		STD	0700	1580	3608	2665	0016224	1306	15227								
		OBS	0700	1580	36085	2665			15227								
		STD	0800	1391	3578	2683	0014585	1460	15180								
		OBS	0800	1391	35780	2683			15180								
		STD	0900	1149	3542	2703	0012570	1596	15110								
		OBS	0900	1149	35420	2703			15110								
		STD	1000	0955	3524	2723	0010532	1712	15055								
		OBS	1000	0955	35240	2723			15055								
		STD	1100	0750	3512	2746	0008162	1805	14993								
		OBS	1100	0750	35119	2746			14993								
		STD	1200	0605	3506	2761	0006532	1879	14952								
		OBS	1200	0605	35060	2761			14952								
		STD	1300	0537	3505	2769	0005744	1940	14941								
		OBS	1300	0537	35050	2769			14941								
		STD	1400	0491	3504	2774	0005250	1995	14939								
		OBS	1400	0491	35045	2774			14939								
		STD	1500	0455	3502	2776	0005059	2046	14941								
		OBS	1500	0455	35018	2776			14941								

TABLE VII. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 24-27 January 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8006.---Continued

REFERENCE CITY ID. NO.	SHIP CODE	LATITUDE ° '/10	LONGITUDE ° '/10	SECTION	MARSden SQUARE			STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEA TYPE CODE	CLOUD CODES TIME AVG	NODC STATION NUMBER
					10°	1'	10"	MO	DAY	HR:10		CRUISE NO.	STATION NUMBER			DIR	HGT	PER			
318006	EV	34 08 N	073 44 W	116	43	01	26	149	1967	A63	034	4300	17	2	2	X2	0	3	0034		
				WATER		WIND		BARO-		AIR TEMP °C		NO		SPECIAL							
				COLOR		DIR.		METER		DRY		OBS.		OBSERVATIONS							
				DT		SO		17		240		217		211		7		24			
MESSAGE TIME HR 1/10	CAS NO.	CARD TYPE	DEPTH M	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-σ _t	Σ Δ ρ DYN. M X 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₂ -N μg - ml/l	NO ₃ -N μg - ml/l	SiO ₄ -Si μg - ml/l	PH	S C	C			
	149	STD	0000	2280	3645	2511	0028637	0000	15311												
		OBS	0000	2280	36449	2511			15311												
		STD	0010	2279	3644	2511	0028712	0028	15313												
		OBS	0010	2279	36440	2511			15313												
		STD	0020	2260	3648	2519	0027944	0057	15310												
	002	OBS	0020	2260	36480	2519			15310												
		STD	0030	2193	3647	2537	0026267	0084	15294												
		OBS	0030	2193	36466	2537			15294												
		STD	0050	2123	3650	2559	0024210	0134	15280												
		OBS	0050	2123	36505	2559			15280												
		STD	0075	2060	3656	2581	0022253	0192	15268												
		OBS	0075	2060	36562	2581			15268												
		STD	0100	1975	3656	2604	0020182	0245	15249												
		OBS	0100	1975	36562	2604			15249												
		STD	0125	1963	3656	2607	0019974	0295	15250												
		OBS	0125	1963	36562	2607			15250												
		STD	0150	1960	3660	2610	0019721	0345	15254												
		OBS	0150	1960	36599	2610			15254												
		STD	0200	1942	3659	2615	0019509	0443	15257												
		OBS	0200	1942	36591	2615			15257												
		STD	0250	1868	3660	2634	0017815	0536	15245												
		OBS	0250	1868	36598	2634			15245												
		STD	0300	1832	3659	2643	0017165	0624	15242												
		OBS	0300	1832	36591	2643			15242												
		STD	0400	1811	3657	2646	0017166	0796	15253												
		OBS	0400	1811	36568	2646			15253												
		STD	0500	1772	3649	2650	0017112	0967	15257												
		OBS	0500	1772	36492	2650			15257												
		STD	0600	1730	3640	2653	0017113	1138	15260												
		OBS	0600	1730	36400	2653			15260												
		STD	0700	1620	3615	2661	0016634	1307	15240												
		OBS	0700	1620	36154	2661			15240												
		STD	0800	1406	3580	2681	0014757	1464	15185												
		OBS	0800	1406	35800	2681			15185												
		STD	0900	1142	3543	2705	0012389	1600	15108												
		OBS	0900	1142	35427	2705			15108												
		STD	1000	0916	3517	2725	0010348	1713	15040												
		OBS	1000	0916	35172	2725			15040												
		STD	1100	0724	3511	2749	0007809	1804	14983												
		OBS	1100	0724	35112	2749			14983												
		STD	1200	0614	3508	2762	0006512	1876	14956												
		OBS	1200	0614	35080	2762			14956												
		STD	1300	0527	3503	2769	0005741	1937	14937												
		OBS	1300	0527	35032	2769			14937												
		STD	1400	0478	3501	2773	0005287	1992	14933												
		OBS	1400	0478	35015	2773			14933												
		STD	1500	0454	3501	2776	0005064	2044	14940												
		OBS	1500	0454	35015	2776			14940												

TABLE VII. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 24-27 January 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8006.—Continued

REFERENCE CTR CODE	SHIP ID. NO.	SHIP CODE	LATITUDE ° ' /10	LONGITUDE ° ' /10	P B S	WABSEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SOUNDING	WAVE OBSERVATIONS	WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER					
							MO	DAY	HR./10		CRUISE NO.	STATION NUMBER											
318006	EV		3425 N	07409 W		116	44	01	26	190	1967	A63	035	2100		31	1	2	X1	0	3		0035
						WATER		WIND		AIR TEMP. °C		NO. OBS. DEPTHS		SPECIAL OBSERVATIONS									
						COLOR CODE	WAVE DIR.	SPED. OF FLOW	BARO-METER (mb)	DRY BULB	WET BULB	VIS. CODE											
						DT	SD	29	506	220	217	206	7	24									
MESSAGE TIME HR. /10	CASST NO.	CARD TYPE	DEPTH (M)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-σ _t	Σ Δ D DTH. M E 10 ³	SOUND VELOCITY	D ₂ M/L	PO ₄ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₂ -N μg - ml/l	NO ₃ -N μg - ml/l	SiO ₂ -S μg - ml/l	PH	SIG C						
		STO	0000	2251	3642	2517	0028020	0000	15304														
190		OBS	0000	2251	36424	2517			15304														
		STO	0010	2246	3643	2519	0027886	0028	15304														
		OBS	0010	2246	36429	2519			15304														
		STO	0020	2242	3643	2521	0027798	0055	15305														
003		OBS	0020	2242	36432	2521			15305														
		STO	0030	2239	3644	2522	0027719	0083	15306														
		OBS	0030	2239	36437	2522			15306														
		STO	0050	2232	3643	2524	0027625	0138	15307														
		OBS	0050	2232	36435	2524			15307														
		STO	0075	2225	3645	2526	0027450	0207	15310														
		OBS	0075	2225	36446	2526			15310														
		STO	0100	2212	3650	2534	0026829	0275	15311														
		OBS	0100	2212	36497	2534			15311														
		STO	0125	2170	3651	2547	0025670	0341	15305														
		OBS	0125	2170	36515	2547			15305														
		STO	0150	2157	3650	2550	0025519	0405	15305														
		OBS	0150	2157	36501	2550			15305														
		STO	0200	2098	3666	2578	0022974	0526	15300														
		OBS	0200	2098	36664	2578			15300														
		STO	0250	1953	3662	2614	0019784	0633	15268														
		OBS	0250	1953	36617	2614			15268														
		STO	0300	1869	3658	2633	0018127	0728	15253														
		OBS	0300	1869	36582	2633			15253														
		STO	0400	1808	3655	2646	0017228	0904	15251														
		OBS	0400	1808	36549	2646			15251														
		STO	0500	1759	3644	2650	0017156	1076	15252														
		OBS	0500	1759	36443	2650			15252														
		STO	0600	1658	3626	2660	0016439	1244	15237														
		OBS	0600	1658	36259	2660			15237														
		STO	0700	1486	3593	2674	0015269	1403	15196														
		OBS	0700	1486	35929	2674			15196														
		STO	0800	1255	3553	2692	0013567	1547	15132														
		OBS	0800	1255	35535	2692			15132														
		STO	0900	0939	3522	2724	0010222	1666	15032														
		OBS	0900	0939	35216	2724			15032														
		STO	1000	0753	3510	2744	0008182	1758	14977														
		OBS	1000	0753	35100	2744			14977														
		STO	1100	0624	3505	2758	0006763	1833	14943														
		OBS	1100	0624	35048	2758			14943														
		STO	1200	0560	3508	2769	0005722	1895	14934														
		OBS	1200	0560	35082	2769			14934														
		STO	1300	0487	3506	2776	0004996	1949	14921														
		OBS	1300	0487	35058	2776			14921														
		STO	1400	0468	3505	2777	0004920	1998	14930														
		OBS	1400	0468	35047	2777			14930														
		STO	1500	0436	3502	2778	0004791	2047	14933														
		OBS	1500	0436	35019	2778			14933														

TABLE VII. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 24-27 January 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8006.—Continued

REFERENCE CTRY CODE	SHIP ID. NO.	LATITUDE ° 10'	LONGITUDE ° 10'	MARSDEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLING	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER
					10'	1'	MO. DATE		CRUISE NO.	STATION NUMBER			DIR	HGT	PER			
318006	EV	3451 N	07427 W	116 44	01 26	220	1967	A63	036		3292		14	1	3	X1	0 3	0036
				WATER		WIND		BARO- METER		AIR TEMP. °C		VIS		NO. OBS. DEPTH		SPECIAL OBSERVATIONS		
				COLOR	TRANS.	DIR.	SPEED	DRY	WET									
				CODE	UNIT	OR	OR	BULB	BULB									
				OT	SD	17	504	207	222	200	7							
MEASUREMENT TIME HR. 1/10'	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY-30°	S & D DYN. M & 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P µg - ml/l	TOTAL-P µg - ml/l	NO ₃ -N µg - ml/l	NO ₃ -N µg - ml/l	SiO ₄ -Si µg - ml/l	pH	CTD	
220		STO	0000	2304	3644	2504	0029326	0000	15317									
		OBS	0000	2304	36444	2504			15317									
		STO	0010	2273	3647	2515	0028304	0028	15311									
		OBS	0010	2273	36474	2515			15311									
		STO	0020	2248	3651	2525	0027409	0056	15307									
004		OBS	0020	2248	36508	2525			15307									
		STO	0030	2222	3654	2534	0026513	0083	15303									
		OBS	0030	2222	36541	2534			15303									
		STO	0050	2172	3651	2547	0025437	0135	15293									
		OBS	0050	2172	36514	2547			15293									
		STO	0075	2140	3655	2558	0024434	0197	15289									
		OBS	0075	2140	36549	2558			15289									
		STO	0100	2118	3656	2565	0023848	0258	15288									
		OBS	0100	2118	36563	2565			15288									
		STO	0125	2113	3657	2567	0023788	0317	15290									
		OBS	0125	2113	36610	25700			15290									
		STO	0150	2115	3657	2567	0023901	0377	15295									
		OBS	0150	2115	36571	2567			15295									
		STO	0200	2033	3668	2598	0021141	0490	15283									
		OBS	0200	2033	36684	2598			15283									
		STO	0250	1901	3660	2626	0018611	0589	15254									
		OBS	0250	1901	36599	2626			15254									
		STO	0300	1828	3654	2640	0017424	0679	15241									
		OBS	0300	1828	36541	2640			15241									
		STO	0400	1778	3648	2648	0017012	0851	15242									
		OBS	0400	1778	36479	2648			15242									
		STO	0500	1629	3618	2661	0016007	1016	15210									
		OBS	0500	1629	36183	2661			15210									
		STO	0600	1352	3558	2675	0014680	1170	15132									
		OBS	0600	1352	35580	2675			15132									
		STO	0700	0991	3517	2712	0011062	1298	15018									
		OBS	0700	0991	35169	2712			15018									
		STO	0800	0747	3507	2743	0007965	1394	14941									
		OBS	0800	0747	35072	2743			14941									
		STO	0900	0642	3506	2757	0006653	1467	14917									
		OBS	0900	0642	35059	2757			14917									
		STO	1000	0529	3506	2771	0005167	1526	14888									
		OBS	1000	0529	35065	2771			14888									
		STO	1100	0497	3505	2774	0004959	1576	14891									
		OBS	1100	0497	35050	2774			14891									
		STO	1200	0459	3503	2777	0004701	1625	14892									
		OBS	1200	0459	35032	2777			14892									
		STO	1300	0428	3499	2777	0004666	1672	14896									
		OBS	1300	0428	34994	2777			14896									
		STO	1400	0412	3498	2778	0004631	1718	14906									
		OBS	1400	0412	34984	2778			14906									
244		OBS	T1402	0401	34957	2777			14901									
		STO	1500	0407	3499	2779	0004601	1764	14920									
		OBS	1500	0407	34991	2779			14920									
		STO	1750	0386	3496	2779	0004739	1881	14953									
244		OBS	T1895	0374	34954	2780			14973									
		STO	2000	0364	3496	2781	0004673	1999	14986									
244		OBS	T2366	0340	34963	2784			15039									
		STO	2500	0339	3496	2783	0004718	2233	15061									
244		OBS	2765	0336	34938	2782			15105									
		STO	3000	0270	3492	2787	0004262	2458	15117									
244		OBS	3034	0256	34918	2788			15118									

TABLE VII. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 24-27 January 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8006.—Continued

REFERENCE		SHIP CODE	LATITUDE ° ' /10	LONGITUDE ° ' /10	WASDEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	WAVE DEPTH OF SWELL	WAVE OBSERVATIONS			WEATHER CODE	CLOUD CODES	NODC STATION NUMBER			
CTRY CODE	ID. NO.				10'	30'	MO	DAY	HR./10	CRUISE NO.	STATION NUMBER			DIR	HGT	PER	SEA	TRF	RWT			
	318006	EV	3509N	075020W	116	55	01	27	051	1967	A63	037	0440		19	2	2		x1	0	3	0037
					WATER		WIND		BARO	AIR TEMP °C		NO. OBS DEPTHS		SPECIAL OBSERVATIONS								
			COLOR TRANS. CODE		DIR.		SPEED OR FORCE		METER (mb)	DRY BULB	WET BULB	VIL CODE										
			DT		SD	17	515	159	222	206	7	13										
MISSING TIME HR./10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME AND WALT. REF.	S Δ D OYN M & 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₂ -P μg-atm/l	TOTAL-P μg-atm/l	NO ₂ -M μg-atm/l	NO ₃ -N μg-atm/l	SiO ₄ -S μg-atm/l	PH	S	CC				
	051	STD	0000	2190	3634	2528	0026967	0000	15287													
		OBS	0000	2190	36343	2528			15287													
		STD	0010	2153	3632	2537	0026180	0026	15279													
		OBS	0010	2153	36320	2537			15279													
		STD	0020	2110	3635	2551	0024875	0052	15270													
	001	OBS	0020	2110	36350	2551			15270													
		STD	0030	2086	3636	2559	0024214	0076	15265													
		OBS	0030	2086	36360	2559			15265													
		STD	0040	2030	3637	2574	0022782	0123	15254													
		OBS	0050	2030	36370	2574			15254													
		STD	0075	1900	3634	2606	0019847	0176	15222													
		OBS	0075	1900	36339	2606			15222													
		STD	0100	1773	3613	2622	0018408	0224	15187													
		OBS	0100	1773	36130	2622			15187													
		STD	0125	1458	3580	2670	0013915	0265	15091													
		OBS	0125	1458	35800	2670			15091													
		STD	0150	1305	3559	2686	0012433	0298	15042													
		OBS	0150	1305	35591	2686			15042													
		STD	0200	1149	3542	2703	0010882	0356	14995													
		OBS	0200	1149	35420	2703			14995													
		STD	0250	0912	3518	2726	0008737	0405	14915													
		OBS	0250	0912	35179	2726			14915													
		STD	0300	0851	3514	2733	0008171	0447	14900													
		OBS	0300	0851	35140	2733			14900													
		OBS	0380	0730	35061	2744			14865													

TABLE VIII. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 13-15 November 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8028.

REFERENCE SHIP CODE	SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	DEPTH METER	MARSDEN SQUARE			STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLES	WAVE OBSERVATIONS DIR HGT PER STA	WEA- THER CODE	CLOUD CODES TYP AMT	NODC STATION NUMBER		
					10'	30'	MD	DAY	HR 1/10	CRUISE NO		STATION NUMBER									
318028	RC	3508 N	07502 W		116	55	11	13	076	1967	A64	001	0507		30	6	2	X1	0	3	0001
					WATER			WIND			BARO-			AIR TEMP °C			SPECIAL				
					COLOR CODE	TRANS (m)	DIR	SPEED OF FORCE	BARO- METER (mb)	DRY BULB	WET BULB	VS CODE	NO. OBS DEPTHS	OBSERVATIONS							
					OT	SD	SO	534	122	206	180	7	26								
MISSING TIME HR 1/10	CASE NO	CARD TYPE	DEPTH M	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANDWALY-SHET	Sigma-D DYN. M & 10 ²	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P µg - ml ⁻¹	TOTAL-P µg - ml ⁻¹	NO ₂ -N µg - ml ⁻¹	NO ₃ -N µg - ml ⁻¹	SiO ₄ -Si µg - ml ⁻¹	PH	STATION NO				
076		STO OBS	0000	2516	3614	2418	0037511	0000	15365												
		STO OBS	0010	2518	3615	2417	0037598	0037	15367												
		STO OBS	0020	2517	3615	2418	0037611	0075	15368												
005		STO OBS	0030	2505	3615	2422	0037234	0112	15367												
		STO OBS	0045	2400	36240	2460			15366												
		STO OBS	0050	2394	3624	2462	0033477	0183	15345												
		STO OBS	0050	2394	36245	2462			15345												
		STO OBS	0060	2366	36242	2470			15340												
		STO OBS	0075	2360	3626	2473	0032521	0265	15341												
		STO OBS	0075	2360	36259	2473			15341												
		STO OBS	0090	2326	36210	2479			15335												
		STO OBS	0100	2286	3624	2493	0030707	0344	15327												
		STO OBS	0100	2286	36238	2493			15327												
		STO OBS	0115	2167	36180	2523			15298												
		STO OBS	0125	1947	3608	2574	0023063	0412	15240												
		STO OBS	0125	1947	36080	2574			15240												
		STO OBS	0136	1845	36038	2597			15213												
		STO OBS	0142	1833	36037	2600			15210												
		STO OBS	0150	1737	3598	2619	0018832	0464	15183												
		STO OBS	0150	1737	35978	2619			15183												
		STO OBS	0176	1393	35709	2677			15077												
		STO OBS	0200	1213	3553	2699	0011257	0539	15019												
		STO OBS	0200	1213	35530	2699			15019												
		STO OBS	0210	1121	35396	2706			14987												
		STO OBS	0250	0983	3522	2717	0009592	0591	14941												
		STO OBS	0250	0983	35220	2717			14941												
		STO OBS	0300	0869	3509	2726	0008785	0637	14906												
		STO OBS	0300	0869	35094	2726			14906												
		STO OBS	0350	0835	35063	2729			14901												
		STO OBS	0400	0755	3501	2737	0007885	0721	14878												
		STO OBS	0400	0755	35008	2737			14878												
		STO OBS	0421	0726	35022	2742			14870												
		STO OBS	0441	0658	35003	2750			14846												
		STO OBS	0445	0612	34998	2756			14829												
		STO OBS	0467	0612	35002	2756			14832												

REFERENCE SHIP CODE	SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	DEPTH METER	MARSDEN SQUARE			STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLES	WAVE OBSERVATIONS DIR HGT PER STA	WEA- THER CODE	CLOUD CODES TYP AMT	NODC STATION NUMBER		
					10'	30'	MD	DAY	HR 1/10	CRUISE NO		STATION NUMBER									
318028	RC	3446 N	074332W		116	44	11	13	112	1967	A64	002	3177		32	6	2	X1	0	3	0002
					WATER			WIND			BARO-			AIR TEMP °C			SPECIAL				
					COLOR CODE	TRANS (m)	DIR	SPEED OF FORCE	BARO- METER (mb)	DRY BULB	WET BULB	VS CODE	NO. OBS DEPTHS	OBSERVATIONS							
					OT	SD	SO	528	130	188	156	18									
MISSING TIME HR 1/10	CASE NO	CARD TYPE	DEPTH M	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANDWALY-SHET	Sigma-D DYN. M & 10 ²	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P µg - ml ⁻¹	TOTAL-P µg - ml ⁻¹	NO ₂ -N µg - ml ⁻¹	NO ₃ -N µg - ml ⁻¹	SiO ₄ -Si µg - ml ⁻¹	PH	STATION NO				
112		STO OBS	0000	2470	3630	2443	0035057	0000	15356												
		STO OBS	0010	2438	3636	2458	0033753	0034	15350												
		STO OBS	0010	2438	36358	2458			15350												
		STO OBS	0020	2324	3643	2497	0030032	0066	15325												
002		STO OBS	0020	2324	36435	2497			15325												
		STO OBS	0030	2323	3644	2498	0029972	0096	15327												
		STO OBS	0030	2323	36445	2498			15327												
		STO OBS	0050	2318	3645	2500	0029888	0156	15329												
		STO OBS	0050	2318	36448	2500			15329												
		STO OBS	0075	2313	3646	2502	0029778	0230	15332												
		STO OBS	0075	2313	36457	2502			15332												
		STO OBS	0096	2260	36515	2522			15323												
		STO OBS	0100	2208	3653	2537	0026512	0301	15310												
		STO OBS	0100	2208	36526	2537			15310												
		STO OBS	0125	1987	3657	2601	0020529	0359	15257												
		STO OBS	0125	1987	36569	2601			15257												
		STO OBS	0150	1903	3657	2623	0018516	0408	15238												
		STO OBS	0150	1903	36570	2623			15238												
		STO OBS	0200	1870	3657	2631	0017882	0499	15237												
		STO OBS	0200	1870	36570	2631			15237												
		STO OBS	0250	1841	3654	2636	0017598	0588	15236												
		STO OBS	0250	1841	36536	2636			15236												
		STO OBS	0300	1817	3652	2641	0017293	0675	15237												
		STO OBS	0300	1817	36522	2641			15237												
		STO OBS	0400	1766	3646	2649	0016834	0846	15238												
		STO OBS	0400	1766	36465	2649			15238												
		STO OBS	0500	1687	3632	2658	0016339	1012	15230												
		STO OBS	0500	1687	36322	2658			15230												
		STO OBS	0600	1456	3592	2679	0014409	1165	15170												
		STO OBS	0600	1456	35918	2679			15170												
		STO OBS	0700	1205	3550	2699	0012552	1300	15098												
		STO OBS	0700	1205	35505	2699			15098												
		STO OBS	0750	1080	35339	2709			15060												

TABLE VIII. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 13-15 November 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8028.—Continued

REFERENCE CIRCUIT NO.	SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	MARSDEN SQUARE 10° 1'	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEA- THR CODE	CLOUD CODES	NODC STATION NUMBER		
					MO.	DAY	HR./10		CRUISE NO.	STATION NUMBER			DIR	HGT	PER				SEA	
318028	RC	34280N	074049W	116 44	11	13	138	1967	A64	003	3695		33	13	2	X1	0	3	0003	
				WIND		BARO- METER		AIR TEMP °C		NO. OF DEPTHS		SPECIAL OBSERVATIONS								
				DIR	SPEED KNOTS	DRY BULL	WET BULL													
				01	50	35	512	147	206	171	7	29								
MISSING TIME HR 1/10	CIRCUIT NO.	CARD TYPE	DEPTH (M)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME AND WALT-RATE	SOUND VELOCITY	O ₂ (ML)	PO ₄ -P μg · liter ⁻¹	TOTAL-P μg · liter ⁻¹	NO ₃ -N μg · liter ⁻¹	NO ₂ -N μg · liter ⁻¹	SIO ₄ -Si μg · liter ⁻¹	pH	S C				
	130	STD	0000	2312	3643	2500	0029653	0000	15319											
		OBS	0000	2312	36430	2500			15319											
		STD	0010	2312	3643	2500	0029675	0029	15321											
		OBS	0010	2312	36432	2500			15321											
		STD	0020	2312	3643	2500	0029714	0059	15322											
	002	OBS	0020	2312	36432	2500			15322											
		STD	0030	2312	3643	2500	0029754	0089	15324											
		OBS	0030	2312	36432	2500			15324											
		STD	0050	2308	3648	2505	0029380	0148	15327											
		OBS	0050	2308	36480	2505			15327											
		OBS	0064	2308	36729	2524			15332											
		STD	0075	2268	3672	2535	0076611	0418	15324											
		OBS	0075	2268	36725	2535			15324											
		STD	0100	2137	3670	2570	0023352	0480	15294											
		OBS	0100	2137	36701	2570			15294											
		STD	0125	2008	3666	2602	0020397	0335	15263											
		OBS	0125	2008	36660	2602			15263											
		STD	0150	1926	3661	2620	0018810	0384	15244											
		OBS	0150	1926	36608	2620			15244											
		STD	0200	1885	3658	2629	0018148	0476	15241											
		OBS	0200	1885	36585	2629			15241											
		STD	0250	1850	3657	2636	0017592	0566	15239											
		OBS	0250	1850	36568	2636			15239											
		STD	0300	1825	3654	2641	0017342	0653	15240											
		OBS	0300	1825	36542	2641			15240											
		STD	0400	1781	3649	2648	0016996	0825	15243											
		OBS	0400	1781	36492	2648			15243											
		STD	0500	1716	3637	2654	0016675	0993	15239											
		OBS	0500	1716	36369	2654			15239											
		OBS	0597	1599	36142	2665			15217											
		STD	0600	1592	3614	2666	0015795	1155	15215											
		OBS	0600	1592	36140	2666			15215											
		OBS	0635	1499	35969	2674			15190											
		STD	0700	1408	3583	2683	0014320	1306	15170											
		OBS	0700	1408	35828	2683			15170											
		OBS	0743	1336	35689	2687			15151											
		STD	0800	1134	3539	2704	0012231	1439	15088											
		OBS	0800	1134	35395	2704			15088											
		STD	0900	0927	3519	2724	0010218	1551	15028											
		OBS	0900	0927	35189	2724			15028											
		STD	1000	0708	3502	2745	0008059	1642	14959											
		OBS	1000	0708	35022	2745			14959											
		STD	1100	0570	3498	2760	0006470	1715	14920											
		OBS	1100	0570	34981	2760			14920											
		STD	1200	0501	3498	2768	0005639	1776	14909											
		OBS	1200	0501	34980	2768			14909											
		OBS	1295	0456	34970	2772			14906											
		STD	1300	0453	3497	2773	0005184	1830	14906											
		OBS	1300	0453	34969	2773			14906											
		STD	1400	0439	3497	2774	0005090	1881	14917											
		OBS	1400	0439	34970	2774			14917											
		STD	1500	0425	3497	2776	0005007	1932	14928											
		OBS	1500	0425	34969	2776			14928											

TABLE VIII. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 13-15 November 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8028.—Continued

REFERENCE CTF CODE	SHIP ID. NO.	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	L S S E	MARSSEN SQUARE	STATION TIME (GMT)		YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER																											
							MO	DAY		HR	TO			CRUISE NO.	STATION NUMBER	DR				HGT	PER	SEA	TYPE	AMT																						
318028	RC		34088N	073349W		116	43	11	13	1967	A64	094	4680		3	1	5	2	X1	0	3	0004																								
<table border="1"> <thead> <tr> <th colspan="2">WATER</th> <th colspan="2">WIND</th> <th rowspan="2">BARO- METER UNITS</th> <th rowspan="2">AIR TEMP °C</th> <th rowspan="2">WET BULB</th> <th rowspan="2">WET BULB</th> <th rowspan="2">VIS CODE</th> <th rowspan="2">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>COLOR CODE</th> <th>TEMP °C</th> <th>DIR</th> <th>SPEED KNOTS</th> <th>DRY BULB</th> <th>WET BULB</th> <th>VIS CODE</th> </tr> </thead> <tbody> <tr> <td></td> <td>50</td> <td>33</td> <td>520</td> <td>139</td> <td>193</td> <td>150</td> <td>7</td> <td>28</td> <td></td> </tr> </tbody> </table>																				WATER		WIND		BARO- METER UNITS	AIR TEMP °C	WET BULB	WET BULB	VIS CODE	SPECIAL OBSERVATIONS	COLOR CODE	TEMP °C	DIR	SPEED KNOTS	DRY BULB	WET BULB	VIS CODE		50	33	520	139	193	150	7	28	
WATER		WIND		BARO- METER UNITS	AIR TEMP °C	WET BULB	WET BULB	VIS CODE	SPECIAL OBSERVATIONS																																					
COLOR CODE	TEMP °C	DIR	SPEED KNOTS							DRY BULB	WET BULB	VIS CODE																																		
	50	33	520	139	193	150	7	28																																						
WISSENER TIME HR 1/10	CASE NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-σ _t	Δσ _t DW. M x 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - ml/l	PO ₄ -N μg - ml/l	NO ₃ -N μg - ml/l	NO ₂ -N μg - ml/l	SiO ₄ -S μg - ml/l	pH	S C C																													
166		STO	0000	2291	3649	2511	0028637	0000	15315																																					
		OBS	0000	2291	36490	2511			15315																																					
		STO	0010	2292	3649	2511	0028704	0028	15316																																					
		OBS	0010	2292	36490	2511			15316																																					
		STO	0020	2293	3649	2510	0028770	0057	15318																																					
003		OBS	0020	2293	36490	2510			15318																																					
		STO	0030	2293	3649	2510	0028810	0086	15320																																					
		OBS	0030	2293	36490	2510			15320																																					
		STO	0050	2293	3649	2510	0028871	0143	15323																																					
		OBS	0050	2293	36493	2510			15323																																					
		STO	0075	2293	3651	2512	0028833	0216	15328																																					
		OBS	0075	2293	36512	2512			15328																																					
		OBS	0079	2290	36559	2516			15328																																					
		OBS	0049	2178	36690	2558			15303																																					
		STO	0100	2147	3665	2564	0023996	0282	15296																																					
		OBS	0100	2147	36649	2564			15296																																					
		STO	0125	2027	3663	2595	0021069	0338	15268																																					
		OBS	0125	2027	36635	2595			15268																																					
		STO	0150	1927	3657	2617	0019072	0388	15244																																					
		OBS	0150	1927	36575	2617			15244																																					
		STO	0200	1883	3657	2628	0018211	0481	15240																																					
		OBS	0200	1883	36569	2628			15240																																					
		STO	0250	1840	3653	2636	0017588	0571	15236																																					
		OBS	0250	1840	36534	2636			15236																																					
		STO	0300	1817	3651	2640	0017392	0658	15237																																					
		OBS	0300	1817	36509	2640			15237																																					
		STO	0400	1761	3643	2648	0016966	0830	15236																																					
		OBS	0400	1761	36430	2648			15236																																					
		STO	0500	1705	3635	2655	0016559	0998	15235																																					
		OBS	0500	1705	36349	2655			15235																																					
		OBS	0550	1667	36257	2657			15213																																					
		STO	0600	1587	3611	2665	0015871	1160	15213																																					
		OBS	0600	1587	36113	2665			15213																																					
		STO	0700	1436	3585	2679	0014737	1313	15179																																					
		OBS	0700	1436	35853	2679			15179																																					
		STO	0800	1208	3546	2695	0013214	1453	15115																																					
		OBS	0800	1208	35456	2695			15115																																					
		STO	0900	0953	3521	2722	0010478	1571	15037																																					
		OBS	0900	0953	35215	2722			15037																																					
		STO	1000	0775	3508	2739	0008682	1667	14985																																					
		OBS	1000	0775	35080	2739			14985																																					
		STO	1100	0608	3501	2757	0006803	1744	14936																																					
		OBS	1100	0608	35010	2757			14936																																					
		STO	1200	0531	3497	2764	0006128	1809	14921																																					
		OBS	1200	0531	34970	2764			14921																																					
		OBS	1250	0488	34965	2768			14912																																					
		STO	1300	0469	3496	2770	0005426	1867	14912																																					
		OBS	1300	0469	34965	2770			14912																																					
		STO	1400	0446	3497	2773	0005201	1920	14919																																					
		OBS	1400	0446	34968	2773			14919																																					
		STO	1500	0436	3498	2776	0005045	1971	14932																																					
		OBS	1500	0436	34984	2776			14932																																					

TABLE VIII. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 13-15 November 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8028.---Continued

REFERENCE		SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	SOUNDING METER	WADSWORTH SQUARE				STATION TIME (GMT)				YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLE'S	WAVE OBSERVATIONS			WEATHER CODE	CLOUD CODES		NODC STATION NUMBER
CRUISE CODE	ID NO.					10'	1'	MO	DAY	HR	MIN	CRUISE NO.	STATION NUMBER		DIR	HGT			PER	SEA	DIR		HTM	AMT	
318028	RC		33490N	073080W		116	33	11	13	194	1967	A64	005		4535		34	5	2		X1	0	3		0005
WATER		WIND		BARO-METER		AIR TEMP		SOUND		NO. OBS DEPTHS		SPECIAL OBSERVATIONS													
COLOR CODE	TRANSP. NO.	DIR.	SPEED OF GUST	NO.	UNIT	DRY BULB	WET BULB	VIS CODE	NO.	NO.	NO.														
OT	SD	33	510	123	196	156	7	29																	
MISSION TIME 1/10	CAST NO.	CAST TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME AND (MALT-2) 10 ³	Σ Δ D DYN. H. 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₃ -N μg - ml/l	NO ₃ -N μg - ml/l	SI O ₄ -S μg - ml/l	PH	SPC								
194		STO	0000	2333	3641	2493	0030389	0000	15324																
		OBS	0000	2333	36409	2493			15324																
		STO	0010	2332	3641	2493	0030392	0030	15325																
		OBS	0010	2332	36410	2493			15325																
		STO	0020	2332	3641	2493	0030414	0060	15327																
002		OBS	0020	2332	36412	2493			15327																
		OBS	0027	2328	36425	2495			15327																
		STO	0030	2318	36439	2499	0029872	0090	15326																
		OBS	0030	2318	36439	2499			15326																
		STO	0050	2300	3645	2505	0029361	0150	15325																
		OBS	0050	2300	36452	2505			15325																
		STO	0075	2291	36466	2509	0029114	0223	15327																
		OBS	0075	2291	36465	2509			15327																
		OBS	0082	2288	36486	2511			15327																
		STO	0100	2165	3668	2561	0024252	0290	15301																
		OBS	0100	2165	36680	2561			15301																
		STO	0125	2038	3661	2590	0021532	0347	15271																
		OBS	0125	2038	36609	2590			15271																
		STO	0150	1947	3658	2612	0019537	0398	15250																
		OBS	0150	1947	36579	2612			15250																
		STO	0200	1887	3658	2628	0018203	0492	15241																
		OBS	0200	1887	36583	2628			15241																
		STO	0250	1865	3656	2632	0017976	0583	15243																
		OBS	0250	1865	36565	2632			15243																
		STO	0300	1837	3654	2637	0017662	0672	15243																
		OBS	0300	1837	36538	2637			15243																
		STO	0400	1788	3651	2647	0017045	0846	15245																
		OBS	0400	1788	36508	2647			15245																
		STO	0500	1737	3641	2652	0016870	1015	15246																
		OBS	0500	1737	36410	2652			15246																
		OBS	0554	1706	36343	2655			15244																
		STO	0600	1647	3624	2661	0016330	1181	15233																
		OBS	0600	1647	36239	2661			15233																
		OBS	0650	1577	36090	2666			15218																
		STO	0700	1495	3596	2674	0015234	1339	15199																
		OBS	0700	1495	35960	2674			15199																
		STO	0800	1288	3560	2690	0013747	1484	15144																
		OBS	0800	1288	35601	2690			15144																
		STO	0900	1042	3529	2712	0011542	1610	15071																
		OBS	0900	1042	35286	2712			15071																
		STO	1000	0829	3508	2731	0009558	1716	15006																
		OBS	1000	0829	35079	2731			15006																
		STO	1100	0633	3500	2753	0007227	1800	14946																
		OBS	1100	0633	35002	2753			14946																
		STO	1200	0543	3499	2764	0006135	1867	14926																
		OBS	1200	0543	34992	2764			14926																
		OBS	1250	0513	34995	2768			14922																
		STO	1300	0498	3500	2770	0005531	1925	14925																
		OBS	1300	0498	35005	2770			14925																
		STO	1400	0466	3499	2773	0005319	1979	14928																
		OBS	1400	0466	34989	2773			14928																
		STO	1500	0438	3497	2774	0005184	2032	14933																
		OBS	1500	0438	34969	2774			14933																

TABLE VIII. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 13-15 November 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8028.—Continued

REFERENCE CTRY CODE	SHIP ID NO.	SHIP CODE	LATITUDE ° ' /10	LONGITUDE ° ' /10	L- OBS E	MARSSEN SQUARE		STATION TIME IGMT:			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	WAVE DEPTH OF SWAGLS	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES		NODC STATION NUMBER
						10'	1'	MO	DAT	HR		TO	CRUISE NO.			STATION NUMBER	DR	HGT		PER	STA	
						32	11	13	221	1967	A64	006	5370	32	4	2	X1	0	3	0006		
						WATER	WIND	BARO- METER	AIR TEMP °C		NO. OBS DEPTHS		SPECIAL OBSERVATIONS									
						COLOR	DIR	DIR	DRY	WET	VIS											
						TEMP	OF	RULR	RULR	DEPTH												
						DT	SD	SOB	126	184	146	7	29									
MISSING TIME HR /10	CAST NO	CARD TYPE	DEPTH (M)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-1987	$\frac{\sigma_t}{\sigma_{\theta}}$ DN x 10 ³	SOUND VELOCITY	O ₂ (M)	PO ₄ -P µg - ml	TOTAL-P µg - ml	NO ₃ -N µg - ml	NO ₂ -N µg - ml	SiO ₄ -S µg - ml	PH	CHL OC					
		STD	0000	2316	3646	2501	0029553	0000	15320													
221		OBS	0000	2316	36459	2501			15320													
		STD	0010	2316	3646	2501	0029584	0029	15322													
		OBS	0010	2316	36460	2501			15322													
		STD	0020	2317	3646	2501	0029651	0059	15324													
002		OBS	0020	2317	36460	2501			15324													
		STD	0030	2316	36463	2502	0029645	0088	15325													
		OBS	0030	2316	36463	2502			15325													
		STD	0050	2294	3648	2509	0028980	0147	15323													
		OBS	0050	2294	36482	2509			15323													
		STD	0075	2258	3654	2524	0027652	0218	15319													
		OBS	0075	2258	36543	2524			15319													
		STD	0100	2061	3661	2585	0021994	0480	15273													
		OBS	0100	2061	36615	2585			15273													
		STD	0125	1959	3660	2611	0019575	0332	15249													
		OBS	0125	1959	36603	2611			15249													
		STD	0150	1909	3659	2623	0018508	0379	15240													
		OBS	0150	1909	36591	2623			15240													
		STD	0200	1874	3657	2630	0017983	0471	15238													
		OBS	0200	1874	36570	2630			15238													
		STD	0250	1848	3655	2636	0017672	0560	15238													
		OBS	0250	1848	36550	2636			15238													
		STD	0300	1817	3652	2641	0017293	0647	15237													
		OBS	0300	1817	36523	2641			15237													
		STD	0400	1778	3648	2647	0017030	0819	15244													
		OBS	0400	1778	36477	2647			15242													
		STD	0500	1708	3633	2654	0016732	0988	15236													
		OBS	0500	1708	36335	2654			15236													
		STD	0600	1594	3613	2665	0015922	1151	15216													
		OBS	0600	1594	36128	2665			15216													
		OBS	0604	1588	36124	2666			15214													
		STD	0700	1401	3580	2682	0014392	1302	15167													
		OBS	0700	1401	35798	2682			15167													
		STD	0800	1209	3552	2699	0012778	1438	15116													
		OBS	0800	1209	35518	2699			15116													
		OBS	0873	1082	35316	2707			15081													
		STD	0900	0998	3524	2716	0011083	1558	15054													
		OBS	0900	0998	35240	2716			15054													
		STD	1000	0773	3508	2740	0008659	1656	14985													
		OBS	1000	0773	35078	2740			14985													
		OBS	1015	0779	35090	2740			14990													
		STD	1100	0653	3502	2752	0007382	1737	14954													
		OBS	1100	0653	35021	2752			14954													
		STD	1200	0558	3501	2764	0006176	1804	14932													
		OBS	1200	0558	35015	2764			14932													
		OBS	1247	0531	35008	2767			14929													
		STD	1248	0526	35010	2767			14927													
		OBS	1300	0498	3499	2769	0005637	1863	14924													
		STD	1300	0498	34990	2769			14924													
		OBS	1400	0467	3499	2773	0005331	1918	14928													
		STD	1400	0467	34989	2773			14928													
		OBS	1500	0459	3501	2775	0005179	1971	14942													
		STD	1500	0450	35009	2775			14942													

TABLE VIII. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 13-15 November 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8028.—Continued

REFERENCE		SHIP CODE	LATITUDE °/10	LONGITUDE °/10	WARDEN SQUARE 10° 1'	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SWATH	WAVE OBSERVATIONS			WEATHER CODE	CLOUD CODES	NODC STATION NUMBER																														
CRUISE CODE	ID. NO.					MO	DAY	HR./10		CRUISE NO.	STATION NUMBER			DIR	HGT	PER				SEA	TYPE	AMT																											
318028	RC		33115N	072040W	116 32 11	14	010	1967	A64	007	5121			30	3	2	X1	0	3	0007																													
<table border="1"> <thead> <tr> <th colspan="2">WATER</th> <th colspan="3">WIND</th> <th colspan="2">BARO-METER</th> <th colspan="2">AIR TEMP °C</th> <th rowspan="2">NO. OBS. DEPTHS</th> <th rowspan="2">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>COLOR CODE</th> <th>TRANS. DIR.</th> <th>SPEED OR FORCE</th> <th>DIR.</th> <th>WET BULB</th> <th>DRY BULB</th> <th>WET BULB</th> <th>VIL CODE</th> </tr> </thead> <tbody> <tr> <td>DT</td> <td>SD</td> <td>30</td> <td>SOB</td> <td>125</td> <td>206</td> <td>197</td> <td>7</td> <td>27</td> <td></td> <td></td> </tr> </tbody> </table>																				WATER		WIND			BARO-METER		AIR TEMP °C		NO. OBS. DEPTHS	SPECIAL OBSERVATIONS	COLOR CODE	TRANS. DIR.	SPEED OR FORCE	DIR.	WET BULB	DRY BULB	WET BULB	VIL CODE	DT	SD	30	SOB	125	206	197	7	27		
WATER		WIND			BARO-METER		AIR TEMP °C		NO. OBS. DEPTHS	SPECIAL OBSERVATIONS																																							
COLOR CODE	TRANS. DIR.	SPEED OR FORCE	DIR.	WET BULB	DRY BULB	WET BULB	VIL CODE																																										
DT	SD	30	SOB	125	206	197	7	27																																									
MISSION TIME HR./10	CASID NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-10 ³	Σ Δ D DYN. M. 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₂ -P μg-μl/l	TOTAL-P μg-μl/l	NO ₂ -N μg-μl/l	NO ₃ -N μg-μl/l	SI O ₄ -S μg-μl/l	PH	SEC																																
		STO	0000	2360	3659	2499	0029798	0000	15333																																								
	010	OBS	0000	2360	36595	2499			15333																																								
		STD	0010	2361	3660	2498	0029857	0029	15335																																								
		OBS	0010	2361	36596	2498			15335																																								
		STD	0020	2361	3660	2498	0029897	0059	15336																																								
	002	OBS	0020	2361	36596	2498			15336																																								
		STD	0030	2362	3660	2498	0029965	0089	15338																																								
		OBS	0030	2362	36596	2498			15338																																								
		STD	0050	2362	3660	2498	0030036	0149	15341																																								
		OBS	0050	2362	36598	2498			15341																																								
		OBS	0059	2362	36598	2498			15343																																								
		OBS	0063	2226	36664	2543			15311																																								
		STD	0075	2177	3675	2563	0023967	0217	15301																																								
		OBS	0075	2177	36750	2563			15301																																								
		STD	0100	2051	3669	2593	0021197	0273	15271																																								
		OBS	0100	2051	36689	2593			15271																																								
		STD	0125	1929	3658	2617	0019000	0323	15241																																								
		OBS	0125	1929	36580	2617			15241																																								
		STD	0150	1874	3657	2630	0017823	0369	15229																																								
		OBS	0150	1874	36568	2630			15229																																								
		STD	0200	1838	3655	2638	0017269	0457	15227																																								
		OBS	0200	1838	36548	2638			15227																																								
		STD	0250	1822	3654	2641	0017131	0543	15231																																								
		OBS	0250	1822	36538	2641			15231																																								
		STD	0300	1816	3653	2642	0017212	0629	15237																																								
		OBS	0300	1816	36531	2642			15237																																								
		STD	0400	1779	3650	2649	0016869	0799	15243																																								
		OBS	0400	1779	36503	2649			15243																																								
		STD	0500	1745	3644	2653	0016849	0968	15248																																								
		OBS	0500	1745	36440	2653			15248																																								
		OBS	0552	1704	36355	2656			15244																																								
		STD	0600	1641	3624	2663	0016154	1133	15231																																								
		OBS	0600	1641	36245	2663			15231																																								
		STD	0700	1428	3585	2680	0014585	1287	15176																																								
		OBS	0700	1428	35850	2680			15176																																								
		STD	0800	1189	3551	2703	0012446	1422	15109																																								
		OBS	0800	1189	35511	2703			15109																																								
		STD	0900	0928	3517	2723	0010344	1536	15028																																								
		OBS	0900	0928	35174	2723			15028																																								
		STD	1000	0737	3505	2742	0008317	1629	14970																																								
		OBS	1000	0737	35048	2742			14970																																								
		STD	1100	0593	3501	2759	0006563	1704	14930																																								
		OBS	1100	0593	35013	2759			14930																																								
		STD	1200	0524	3501	2768	0005703	1765	14919																																								
		OBS	1200	0524	35015	2768			14919																																								
		STD	1300	0478	3501	2773	0005224	1819	14916																																								
		OBS	1300	0478	35009	2773			14916																																								
		STD	1400	0456	3501	2775	0005022	1871	14924																																								
		OBS	1400	0456	35010	2775			14924																																								
		STD	1500	0436	3500	2777	0004940	1921	14932																																								
		OBS	1500	0436	34998	2777			14932																																								

REFERENCE		SHIP CODE	LATITUDE °/10	LONGITUDE °/10	WARDEN SQUARE 10° 1'	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SWATH	WAVE OBSERVATIONS			WEATHER CODE	CLOUD CODES	NODC STATION NUMBER																														
CRUISE CODE	ID. NO.					MO	DAY	HR./10		CRUISE NO.	STATION NUMBER			DIR	HGT	PER				SEA	TYPE	AMT																											
318028	RC		33115N	072044W	116 32 11	14	028	1967	A64	007	5121			30	3	2	X1	8	2	0008																													
<table border="1"> <thead> <tr> <th colspan="2">WATER</th> <th colspan="3">WIND</th> <th colspan="2">BARO-METER</th> <th colspan="2">AIR TEMP °C</th> <th rowspan="2">NO. OBS. DEPTHS</th> <th rowspan="2">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>COLOR CODE</th> <th>TRANS. DIR.</th> <th>SPEED OR FORCE</th> <th>DIR.</th> <th>WET BULB</th> <th>DRY BULB</th> <th>WET BULB</th> <th>VIL CODE</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td>30</td> <td>SOB</td> <td>125</td> <td>206</td> <td>197</td> <td>7</td> <td>08</td> <td></td> <td></td> </tr> </tbody> </table>																				WATER		WIND			BARO-METER		AIR TEMP °C		NO. OBS. DEPTHS	SPECIAL OBSERVATIONS	COLOR CODE	TRANS. DIR.	SPEED OR FORCE	DIR.	WET BULB	DRY BULB	WET BULB	VIL CODE			30	SOB	125	206	197	7	08		
WATER		WIND			BARO-METER		AIR TEMP °C		NO. OBS. DEPTHS	SPECIAL OBSERVATIONS																																							
COLOR CODE	TRANS. DIR.	SPEED OR FORCE	DIR.	WET BULB	DRY BULB	WET BULB	VIL CODE																																										
		30	SOB	125	206	197	7	08																																									
MISSION TIME HR./10	CASID NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-10 ³	Σ Δ D DYN. M. 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₂ -P μg-μl/l	TOTAL-P μg-μl/l	NO ₂ -N μg-μl/l	NO ₃ -N μg-μl/l	SI O ₄ -S μg-μl/l	PH	SEC																																
		OBS	11416	0454	35007	2775			14924																																								
		STD	1500	0438	3500	2777	0004964		14931																																								
	028	OBS	11657	0412	34986	2778			14947																																								
		STD	1750	0404	3499	2779	0004822		14959																																								
		STD	2000	0381	3498	2781	0004738		14992																																								
	028	OBS	2189	0364	34982	2783			15017																																								
		STD	2500	0335	3496	2785	0004601		15057																																								
	028	OBS	T2704	0317	34954	2785			15085																																								
		STD	3000	0292	3494	2787	0004464		15125																																								
	028	OBS	3224	0276	34930	2787			15157																																								
	02P	OBS	T374	0247	34910	2788			15235																																								
		STD	4000	0243	3491	2788	0004431		15278																																								
	028	OBS	4253	0239	34903	2788			15321																																								
	028	OBS	T4764	0231	34884	2787			15408																																								

TABLE VIII. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 13-15 November 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8028.—Continued

REFERENCE CITY CODE	SHIP ID. NO. CODE	LATITUDE ° ' /10	LONGITUDE ° ' /10	WASDEN SQUARE ° ' /10	STATION TIME (GMT)			YEAR	ORIGINATOR'S			DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER	
					MO	DAY	HR./10		CRUISE NO.	STATION NUMBER	GR.			HGT.	PER	SEA				TITLE
318028	RC	32520N	071360W	116 21	11	14	065	1967	A64	008		5193		31	2	2	X1	0	3	0009
				WATER		WIND		AIR TEMP. °C			NO. OBS. DEPTHS		SPECIAL OBSERVATIONS							
				COLOR CODE	TRNSP. (m)	DIL.	SPEED OF FORCE	BARO-METER (mb)	DBT BULB	WET BULB	VIS. CODE									
				DT	SD	31	SOB	117	197	167	7	27								
WISSENER TIME HR. /10	CASST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY-σ _t	S Δ D DIN. M. ± 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg. ml/l	TOTAL-P μg. ml/l	NO ₃ -N μg. ml/l	NO ₂ -N μg. ml/l	SiO ₄ -Si μg. ml/l	PH	S CODE			
		STO	0000	2354	3654	2496	0030025	0000	15331											
	D65	OBS	0000	2354	36540	2496			15331											
		STO	0010	2354	3654	2497	003003B	0030	15332											
		OBS	0010	2354	36544	2497			15332											
		STO	0020	2355	3654	2496	0030097	0060	15334											
	D05	OBS	0020	2355	36545	2496			15334											
		STO	0030	2355	3655	2496	0030137	0090	15336											
		OBS	0030	2355	36546	2496			15336											
		STO	0050	2356	3655	2496	0030235	0150	15339											
		OBS	0050	2356	36547	2496			15339											
		OBS	0062	2356	36549	2496			15341											
		STO	0075	2158	3664	2560	0024273	0218	15295											
		OBS	0075	2158	36638	2560			15295											
		STO	0100	2023	3668	2600	0020551	0274	15264											
		OBS	0100	2023	36679	2600			15264											
		STO	0125	1927	3662	2621	0018666	0323	15241											
		OBS	0125	1927	36619	2621			15241											
		STO	0150	1892	3661	2629	0017954	0369	15235											
		OBS	0150	1892	36611	2629			15235											
		STO	0200	1854	3657	2636	0017472	0458	15232											
		OBS	0200	1854	36573	2636			15232											
		STO	0250	1828	3655	2641	0017178	0544	15233											
		OBS	0250	1828	36551	2641			15233											
		STO	0300	1808	3654	2645	0016911	0630	15235											
		OBS	0300	1808	36545	2645			15235											
		STO	0400	1766	3648	2650	0016735	0798	15238											
		OBS	0400	1766	36478	2650			15238											
		STO	0500	1710	3637	2656	0016509	0964	15237											
		OBS	0500	1710	36373	2656			15237											
		OBS	0558	1657	36265	2660			15229											
		STO	0600	1580	3612	2667	0015685	1125	15211											
		OBS	0600	1580	36117	2667			15211											
		STO	0700	1401	3582	2684	0014231	1275	15167											
		OBS	0700	1401	35820	2684			15167											
		STO	0800	1188	3550	2702	0012507	1408	15108											
		OBS	0800	1188	35499	2702			15108											
		STO	0900	0950	3521	2722	0010446	1523	15036											
		OBS	0900	0950	35212	2722			15036											
		STO	1000	0735	3502	2741	0008481	1618	14969											
		OBS	1000	0735	35021	2741			14969											
		OBS	1007	0699	35008	2745			14956											
		STO	1100	0623	3506	2759	0006663	1693	14942											
		OBS	1100	0623	35059	2759			14942											
		STO	1200	0547	3504	2767	0005819	1756	14928											
		OBS	1200	0547	35043	2767			14928											
		STO	1300	0510	3505	2772	0005364	1812	14930											
		OBS	1300	0510	35050	2772			14930											
		STO	1400	0481	3505	2776	0005095	1864	14935											
		OBS	1400	0481	35048	2776			14935											
		STO	1500	0461	3505	2778	0004922	1914	14943											
		OBS	1500	0461	35048	2778			14943											

TABLE VIII. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 13-15 November 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8028.—Continued

REFERENCE CIN CODE	SHIP ID. NO.	SHIP CODE	LATITUDE ° ' /10	LONGITUDE ° ' /10	DEPTH M	MARSDEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH ID.	WAVE OBSERVATIONS	WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER	
							MO	DAY	HR./10		CRUISE NO.	STATION NUMBER						
318028	PC		32°33'N	071°04'W	116	21	11	14	102	1967	A64	009	5205	2	2	X1	10	0010
						WATER		WIND		BARO-		AIR TEMP °C		NO. OBS.		SPECIAL		
						COLOR		DIR.		METER		DRY		WET		OBS.		
						CODE		SPEED		OR		BULB		BULB		DEPTH		
						DT		SD		S08		112		196		165		
						30		508		112		196		165		26		
MESSAGE TIME HR. / 10	CAS NO.	CARD TYPE	DEPTH (M)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY (δσ _t)	ΔD DYN. M x 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₂ -P μg-at/l	TOTAL-P μg-at/l	NO ₃ -N μg-at/l	NO ₂ -N μg-at/l	SiO ₄ -S μg-at/l	PH	CHL COLOR	
		STD	0000	2378	3655	2490	0030634	0000	15337									
		OBS	0000	2378	36550	2490			15337									
		STD	0010	2379	3655	2490	0030701	0030	15338									
		OBS	0010	2379	36550	2490			15338									
		STD	0020	2380	3655	2489	0030778	0061	15340									
	002	OBS	0020	2380	36549	2489			15340									
		STD	0030	2380	3655	2489	0030818	0092	15342									
		OBS	0030	2380	36549	2489			15342									
		STD	0050	2380	3655	2489	0030899	0153	15345									
		OBS	0050	2380	36549	2489			15345									
		OBS	0064	2380	36549	2489			15348									
		OBS	0072	2376	36542	2490			15348									
		STD	0075	2337	3655	2502	0029789	0229	15339									
		STD	0100	2086	3659	2576	0022821	0495	15279									
		OBS	0100	2086	36590	2576			15279									
		STD	0125	1947	3659	2608	0019839	0348	15252									
		OBS	0125	1967	36595	2608			15252									
		STD	0150	1919	3659	2621	0018754	0397	15242									
		OBS	0150	1919	36592	2621			15242									
		STD	0200	1886	3659	2629	0018158	0489	15241									
		OBS	0200	1886	36587	2629			15241									
		STD	0250	1851	3656	2635	0017692	0579	15239									
		OBS	0250	1851	36557	2635			15239									
		STD	0300	1827	3654	2640	0017406	0666	15240									
		OBS	0300	1827	36540	2640			15240									
		STD	0400	1789	3651	2647	0017082	0839	15245									
		OBS	0400	1789	36506	2647			15245									
		STD	0500	1747	3643	2652	0016959	1009	15249									
		OBS	0500	1747	36431	2652			15249									
		OBS	0570	1705	36357	2656			15247									
		STD	0600	1659	3625	2659	0016520	1176	15237									
		OBS	0600	1659	36251	2659			15237									
		STD	0700	1446	3588	2679	0014758	1333	15182									
		OBS	0700	1446	35880	2679			15182									
		STD	0800	1224	3554	2698	0012916	1471	15121									
		OBS	0800	1224	35540	2698			15121									
		STD	0900	0963	3523	2721	0010540	1588	15041									
		OBS	0900	0963	35230	2721			15041									
		STD	1000	0766	3508	2741	0008520	1684	14982									
		OBS	1000	0766	35082	2741			14982									
		STD	1100	0618	3505	2759	0006659	1760	14940									
		OBS	1100	0618	35049	2759			14940									
		STD	1200	0558	3505	2767	0005928	1823	14933									
		OBS	1200	0558	35049	2767			14933									
		STD	1300	0508	3505	2773	0005340	1879	14929									
		OBS	1300	0508	35050	2773			14929									
		STD	1400	0477	3503	2775	0005134	1931	14933									
		OBS	1400	0477	35034	2775			14933									
		STD	1500	0447	3501	2777	0004979	1982	14937									
		OBS	1500	0447	35014	2777			14937									

TABLE VIII. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 13-15 November 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8028.—Continued

REFERENCE CITY CODE	SHIP NO.	LATITUDE 1/10	LONGITUDE 1/10	MARS SQUA RE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPL'S	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NOQC STATION NUMBER				
					MO	DAY	HR./10		CRUISE NO.	STATION NUMBER			DIR.	NG	PER				SEA			
318028	RC	32143N	070320W	116	20	11	14	1967	A64	010	5706		2	9	4	2	X1	0	3	00111		
					WATER		WIND		BARO- METER		AIR TEMP. °C		NO. OBS. DEPTHS		SPECIAL OBSERVATIONS							
					COLOR	TRANS- PAR.	DIR.	SPEED OR FORCE	BARO- METER (mb)	DRY BULB	WET BULB	VIS CODE										
					OT	SO	32	S10	135	197	162	7	Z6									
MESSING TIME HR 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-β _{σ-t}	δ D DYN IN 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₂ -N μg - ml/l	NO ₃ -N μg - ml/l	SiO ₄ -S μg - ml/l	PH	S C					
130		STD	0000	2368	3651	2490	0030625	0000	15334													
		OBS	0000	2368	36512	2490			15334													
		STD	0010	2368	3651	2490	0030638	0030	15335													
		OBS	0010	2368	36515	2490			15335													
		STD	0020	2368	3651	2490	0030678	0061	15337													
	003	OBS	0020	2368	36515	2490			15337													
		STD	0030	2368	3651	2490	0030718	0092	15339													
		OBS	0030	2368	36515	2490			15339													
		STD	0050	2369	3652	2490	0030825	0153	15342													
		OBS	0050	2369	36516	2490			15342													
		STD	0075	2108	3656	2568	0023525	0221	15281													
		OBS	0075	2108	36558	2568			15281													
		STD	0100	1998	3657	2599	0020674	0276	15256													
		OBS	0100	1998	36575	2599			15256													
		STD	0125	1938	3658	2615	0019210	0326	15243													
		OBS	0125	1938	36581	2615			15243													
		STD	0150	1913	3658	2621	0018690	0373	15241													
		OBS	0150	1913	36580	2621			15241													
		STD	0200	1887	3658	2628	0018230	0466	15241													
		OBS	0200	1887	36580	2628			15241													
		STD	0250	1859	3656	2634	0017866	0556	15242													
		OBS	0250	1859	36560	2634			15242													
		STD	0300	1847	3655	2636	0017811	0645	15246													
		OBS	0300	1847	36551	2636			15246													
		STD	0400	1813	3653	2643	0017518	0822	15253													
		OBS	0400	1813	36526	2643			15253													
		STD	0500	1768	3647	2650	0017145	0995	15255													
		OBS	0500	1768	36475	2650			15255													
		STD	0600	1712	3636	2655	0016981	1166	15254													
		OBS	0600	1712	36359	2655			15254													
		STD	0700	1542	3636	2671	0015565	1329	15215													
		OBS	0700	1542	36059	2671			15215													
		STD	0800	1336	3665	2690	0013764	1475	15150													
		OBS	0800	1336	36650	2690			15150													
		STD	0900	1018	3531	2718	0010931	1599	15062													
		OBS	0900	1018	35310	2718			15062													
		STD	1000	0815	3510	2735	0009200	1699	15001													
		OBS	1000	0815	35097	2735			15001													
		STD	1100	0645	3505	2756	0007035	1780	14951													
		OBS	1100	0645	35052	2756			14951													
		STD	1200	0568	3505	2765	0006070	1846	14937													
		OBS	1200	0568	35050	2765			14937													
		STD	1300	0518	3505	2772	0005450	1904	14933													
		OBS	1300	0518	35054	2772			14933													
		STD	1320	0513	35054	2772			14935													
		OBS	1325	0507	35051	2773			14933													
		STD	1400	0486	3504	2774	0005234	1957	14937													
		OBS	1400	0486	35038	2774			14937													
		STD	1500	0465	3503	2776	0005111	2009	14945													
		OBS	1500	0465	35029	2776			14945													

TABLE VIII. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 13-15 November 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8028.—Continued

REFERENCE SHIP CODE	SHIP ID. NO.	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	DATE MO DAY HR	WAGGON SQUARE	STATION TIME (GMT)	YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLE'S	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER		
									CRUISE NO.	STATION NUMBER			DIR	PERIOD	SEA					
318028	RC		31542N	070075W	110	10	11	14	165	1967	A64	011	5712	29	4	2	X1	03	0012	
					WATER		WIND		BARO-		AIR TEMP. °C									
					COLOR		TRANS.		DIR.		TIME		OF		PRES.		WET		VIS	
					DT		S0		S10		129		206		179		7		29	
MISSING TIME HR 1/10	CAS# NO.	CARD TYPE	DEPTH (M)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY-20°	Δ D OYN W X 10 ³	SOUND VELOCITY	O ₂ (M)	PO ₄ -P µg - (M)	TOTAL-P µg - (M)	NO ₃ -N µg - (M)	NO ₂ -N µg - (M)	SiO ₄ -S µg - (M)	PH	S CODE			
	165	STD	0000	2373	3651	2489	0030743	0000	15335											
		OBS	0000	2373	36515	2489			15335											
		STD	0010	2373	3651	2489	0030783	0030	15337											
		OBS	0010	2373	36515	2489			15337											
	002	STD	0020	2373	3651	2489	0030823	0061	15338											
		OBS	0020	2373	36515	2489			15338											
		STD	0030	2373	3651	2489	0030863	0092	15340											
		OBS	0030	2373	36515	2489			15340											
		STD	0050	2374	3651	2488	0030971	0154	15343											
		OBS	0050	2374	36515	2488			15343											
		STD	0075	2372	3651	2489	0031017	0231	15347											
		OBS	0075	2372	36515	2489			15347											
		STD	0100	2139	3663	2564	0023959	0300	15294											
		OBS	0100	2139	36625	2564			15294											
		STD	0125	2007	3660	2598	0020795	0356	15263											
		OBS	0125	2007	36602	2598			15263											
		STD	0150	1945	3659	2615	0019265	0406	15248											
		OBS	0150	1940	36593	2615			15248											
		STD	0200	1893	3658	2627	0018349	0500	15243											
		OBS	0200	1893	36584	2627			15243											
		STD	0250	1867	3656	2632	0018049	0591	15244											
		OBS	0250	1867	36562	2632			15244											
		STD	0300	1841	3654	2637	0017736	0681	15244											
		OBS	0300	1841	36541	2637			15244											
		STD	0400	1791	3650	2646	0017164	0855	15246											
		OBS	0400	1791	36501	2646			15246											
		STD	0500	1747	3643	2651	0016986	1026	15249											
		OBS	0500	1747	36427	2651			15249											
		STD	0600	1682	3631	2658	0016649	1194	15244											
		OBS	0600	1682	36308	2658			15244											
		STD	0660	1587	36136	2667			15223											
		OBS	0700	1505	3599	2674	0015228	1353	15203											
		STD	0700	1505	35992	2674			15203											
		OBS	0800	1268	3561	2695	0013282	1496	15137											
		STD	0800	1268	35610	2695			15137											
		OBS	0900	0997	3524	2716	0011072	1618	15054											
		STD	0900	0997	35240	2716			15054											
		OBS	0970	0809	35118	2737			14994											
		STD	1000	0786	3509	2738	0008793	1717	14990											
		OBS	1000	0786	35088	2738			14990											
		STD	1025	0711	35057	2747			14964											
		OBS	1100	0633	3504	2756	0006953	1796	14946											
		STD	1100	0633	35040	2756			14946											
		OBS	1200	0547	3503	2767	0005898	1860	14928											
		STD	1200	0547	35032	2767			14928											
		OBS	1300	0506	3503	2771	0005449	1917	14928											
		STD	1300	0506	35031	2771			14928											
		OBS	1359	0488	35029	2773			14931											
		STD	1365	0485	35029	2773			14930											
		OBS	1400	0478	3503	2775	0005182	1970	14933											
		STD	1400	0478	35030	2775			14933											
		OBS	1400	0478	35030	2775			14940											
		STD	1500	0454	3500	2775	0005135	2021	14940											
		OBS	1500	0454	35005	2775			14940											

TABLE VIII. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 13-15 November 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8028.—Continued

REFERENCE CRFT NO.	SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	MARSION SQUARE	STATION TIME (GMT)				YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPL	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES (TYP AWT)	NODC STATION NUMBER
					10'	1'	MO	DAY		HR	1/10			CAUSE NO	STATION NUMBER	DIR			
318028	RC	31542N	070075W	116	10	11	14	217	1967	A64	011	5712		3	5	2	X1	8 5	0013
					WATER		WIND		BARO- METER		AIR TEMP. °C		WET BULB		SPECIAL OBSERVATIONS				
					COLOR CODE	TRANS UNIT	OK	SPEED OR FORCE	DIR	NO.	UNIT	WET BULB	VIS CODE	NO. OBS. DEPTH					
								30	S10	129	206	179	7	07					
MESSAGE TIME HR 1/10	CASE NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME AND WALT-10 ³	S Δ D OIN, M ± 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P µg - ml/l	TOTAL-P µg - ml/l	NO ₃ -N µg - ml/l	NO ₂ -N µg - ml/l	SiO ₄ -Si µg - ml/l	PH	S CTD		
217	OBS		T1492	0452															
	STD		1500	0450															
	STD		1750	0407															
217	OBS		T1754	0406	34986	2779			14960										
	STD		2000	0385	3499	2781	0004771		14992										
217	OBS		2267	0361	34980	2783			15028										
	STD		2500	0339	3497	2784	0004636		15058										
217	OBS		T2780	0315	34954	2786			15096										
	STD		3000	0296	3494	2786	0004499		15126										
217	OBS		3296	0274	34930	2787			15168										
217	OBS		T3817	0245	34911	2788			15246										
	STD		4000	0239	3491	2789	0004381		15276										
217	OBS		T4329	0235	34900	2788			15332										

REFERENCE CRFT NO.	SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	MARSION SQUARE	STATION TIME (GMT)				YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPL	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES (TYP AWT)	NODC STATION NUMBER	
					10'	1'	MO	DAY		HR	1/10			CAUSE NO	STATION NUMBER	DIR				HGT
318028	RC	31556N	068544W	115	18	11	15	040	1967	A64	012	5099		26	4	2	X1	0 3	0014	
					WATER		WIND		BARO- METER		AIR TEMP. °C		WET BULB		SPECIAL OBSERVATIONS					
					COLOR CODE	TRANS UNIT	OK	SPEED OR FORCE	DIR	NO.	UNIT	WET BULB	VIS CODE	NO. OBS. DEPTH						
								50	S26	S08	132	216	178	7	34					
MESSAGE TIME HR 1/10	CASE NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME AND WALT-10 ³	S Δ D OIN, M ± 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P µg - ml/l	TOTAL-P µg - ml/l	NO ₃ -N µg - ml/l	NO ₂ -N µg - ml/l	SiO ₄ -Si µg - ml/l	PH	S CTD			
015	OBS		0000	2374	3649	2487	0030961	0000	15335											
	STD		0000	2374	36489	2487			15335											
	STD		0010	2374	3649	2487	0031001	0031	15337											
	OBS		0010	2374	36489	2487			15337											
	STD		0020	2374	3649	2487	0031041	0062	15338											
003	OBS		0020	2374	36489	2487			15338											
	STD		0030	2374	3649	2487	0031081	0093	15340											
	OBS		0030	2374	36489	2487			15340											
	STD		0050	2374	3649	2487	0031161	0155	15343											
	OBS		0050	2374	36489	2487			15343											
	OBS		0059	2371	36490	2487			15344											
	OBS		0068	2193	36535	2540			15301											
	STD		0075	2193	3664	2550	0025218	0225	15304											
	OBS		0075	2193	36636	2550			15304											
	OBS		0079	2187	36636	2552			15303											
	STD		0100	2026	3662	2595	0021030	0283	15264											
	OBS		0100	2026	36623	2595			15264											
	STD		0125	1946	3661	2615	0019202	0333	15246											
	OBS		0125	1946	36610	2615			15246											
	STD		0150	1906	3660	2625	0018372	0380	15239											
	OBS		0150	1906	36600	2625			15239											
	STD		0200	1877	3657	2630	0018038	0471	15239											
	OBS		0200	1877	36572	2630			15239											
	STD		0250	1849	3657	2637	0017556	0560	15239											
	OBS		0250	1849	36569	2637			15239											
	STD		0300	1824	3655	2641	0017278	0647	15240											
	OBS		0300	1824	36548	2641			15240											
	STD		0400	1775	3649	2650	0016831	0818	15241											
	OBS		0400	1775	36495	2650			15241											
	STD		0500	1734	3642	2654	0016707	0986	15245											
	OBS		0500	1734	36423	2654			15245											
	OBS		0560	1594	36350	2658			15242											
	STD		0600	1634	3623	2663	0016094	1150	15229											
	OBS		0600	1634	36230	2663			15229											
	OBS		0650	1546	36030	2668			15208											
	STD		0700	1438	3588	2681	0014561	1303	15180											
	OBS		0700	1438	35883	2681			15180											
	STD		0800	1185	3550	2703	0012431	1438	15107											
	OBS		0800	1185	35502	2703			15107											
	STD		0900	0944	3523	2724	0010231	1551	15034											
	OBS		0900	0944	35227	2724			15034											
	OBS		0982	0744	35043	2741			14970											
	STD		1000	0734	3505	2743	0008284	1644	14969											
	OBS		1000	0734	35046	2743			14969											
	OBS		1050	0634	35000	2753			14938											
	STD		1100	0581	3499	2759	0006560	1718	14925											
	OBS		1100	0581	34990	2759			14925											
	OBS		1150	0587	34980	2757			14935											
	STD		1200	0501	3498	2768	0005639	1779	14909											
	OBS		1200	0501	34980	2768			14909											
	OBS		1258	0490	34990	2770			14909											
	OBS		1266	0474	34980	2771			14909											
	STD		1300	0459	3498	2773	0005167	1833	14908											
	OBS		1300	0459	34982	2773			14908											
	STD		1400	0447	3500	2776	0004958	1884	14920											
	OBS		1400	0447	35003	2776			14920											
	STD		1500	0441	3502	2778	0004826	1933	14935											
	OBS		1500	0441	35023	2778			14935											

TABLE VIII. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 13-15 November 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8028.—Continued

REFERENCE OBS CODE	SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	L S E	MARS DEN COLOR CODE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLE'S	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES (T, B, C, O)	NODC STATION NUMBER				
						TP	1 st	MO		DAY	HR.			1/10	CRUISE NO.	STATION NUMBER				DIR	HIGHER	SEA	
31802B	RC	31546N	067443W		115	17	11	15	097	1967	A64	013	4956		24	4	3	X1	1	0	0015		
					WATER		WIND		BARO-		AIR TEMP. °C		VIS		NO. OBS DEPTHS		SPECIAL OBSERVATIONS						
					COLOR	TRANS.	DIR.	SPEED	METER	OR	INCHES	DRY	WET	DRY	WET	CODE							
					DT	SD	24	514	115			219	182	3	28								
MESSAGE TIME HR. 1/10	CASST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY- σ_{θ}	Δ D DIN M. E 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P µg - ml/l	TOTAL-P µg - ml/l	NO ₃ -N µg - ml/l	NO ₂ -N µg - ml/l	SiO ₄ -Si µg - ml/l	PH	CHLOROPHYLL						
	097	STO	0000	2338	3643	2493	0030352	0000	15325														
		OBS	0000	2338	36433	2493			15325														
		STO	0010	2338	3643	2493	0030410	0030	15327														
		OBS	0010	2338	36430	2493			15327														
		STO	0020	2339	3644	2493	0030414	0060	15329														
	002	OBS	0020	2339	36439	2493			15329														
		STO	0030	2340	3644	2493	0030481	0091	15331														
		OBS	0030	2340	36439	2493			15331														
		STO	0050	2341	3645	2493	0030543	0152	15335														
		OBS	0050	2341	36446	2493			15335														
		OBS	0061	2341	36460	2494			15337														
		OBS	0067	2220	36460	2526			15310														
		STO	0075	2221	3666	2544	0025809	0422	15311														
		OBS	0075	2221	36659	2544			15311														
		STO	0100	2056	3661	2586	0021858	0282	15272														
		OBS	0100	2056	36615	2586			15272														
		STO	0125	1947	3659	2613	0019374	0333	15246														
		OBS	0125	1947	36589	2613			15246														
		STO	0150	1902	3657	2623	0018489	0381	15237														
		OBS	0150	1902	36570	2623			15237														
		STO	0200	1868	3657	2632	0017855	0472	15236														
		OBS	0200	1868	36568	2632			15236														
		STO	0250	1835	3654	2638	0017424	0560	15234														
		OBS	0250	1835	36540	2638			15234														
		STO	0300	1805	3651	2644	0017063	0646	15234														
		OBS	0300	1805	36514	2644			15234														
		STO	0400	1760	3646	2651	0016714	0815	15236														
		OBS	0400	1760	36462	2651			15236														
		STO	0500	1722	3639	2654	0016671	0982	15241														
		OBS	0500	1722	36389	2654			15241														
		OBS	0560	1664	36271	2659			15232														
		STO	0600	1584	3612	2666	0015761	1144	15212														
		OBS	0600	1584	36120	2666			15212														
		STO	0700	1385	3579	2685	0014123	1293	15162														
		OBS	0700	1385	35788	2685			15162														
		STO	0800	1181	3549	2702	0012452	1426	15106														
		OBS	0800	1181	35488	2702			15106														
		STO	0900	0931	3518	2723	0010350	1540	15029														
		OBS	0900	0931	35180	2723			15029														
		STO	1000	0723	3501	2742	0008358	1634	14964														
		OBS	1000	0723	35012	2742			14964														
		OBS	1050	0646	35004	2752			14942														
		STO	1100	0604	3502	2758	0006687	1709	14934														
		OBS	1100	0604	35018	2758			14934														
		STO	1200	0524	3499	2766	0005853	1772	14918														
		OBS	1200	0524	34995	2766			14918														
		STO	1300	0494	3502	2772	0005351	1828	14923														
		OBS	1300	0494	35022	2772			14923														
		STO	1400	0465	3501	2774	0005157	1880	14928														
		OBS	1400	0465	35009	2774			14928														
		STO	1500	0446	3501	2776	0005001	1931	14937														
		OBS	1500	0446	35008	2776			14937														

TABLE VIII. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 13-15 November 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8028.—Continued

REFERENCE CRUISE CODE	SHIP ID. NO.	SHIP CODE	LATITUDE ° '	LONGITUDE ° '	SURFACE SOUNDING M	MARSDEN SQUARE		STATION TIME SIGMTI		TEAP	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES TFR J A W	NODC STATION NUMBER							
						10'	1"	MO	DAY		HR	1/10			CRUISE NO.	STATION NUMBER	DIR				HGT	PER	SEA				
MESSAGE TIME NR 1/10		CAST NO	CARD TYPE	DEPTH (M)	T °C	S ‰	SIGMA-T	WATER		WIND		BARO- METER		AIR TEMP °C		VIS CODE	NO. OBS. DEPTH	SPECIAL OBSERVATIONS	SOUND VELOCITY	O ₂ ml/l	PCO ₂ μg-atm	TOTAL-P μg-atm	NO ₃ -N μg-atm	NO ₂ -N μg-atm	SiO ₄ -S μg-atm	pH	S C
OT	SO							25	S16	142	DIR	SPEED OF FORCE	DRY BULB	WET BULB	OT												
318028	RC		31551N	066342W	115	16	11	15	147	1967	A64	014	5110		24	3	2	X1	0	3							0016
			STD	3000	2348	3639	2487	0030951	0000	15327																	
	147		OBS	0000	2348	36389	2487			15327																	
			STD	0010	2347	3639	2487	0030955	0031	15329																	
			OBS	0010	2347	36390	2487			15329																	
			STD	0020	2347	3639	2487	0030986	0061	15330																	
	002		OBS	0020	2347	36391	2487			15330																	
			STD	0030	2347	3639	2487	0031017	0092	15332																	
			OBS	0030	2347	36392	2487			15332																	
			STD	0050	2347	3643	2490	0030824	0154	15336																	
			OBS	0050	2347	36430	2490			15336																	
			OBS	0059	2342	36480	2495			15337																	
			STD	0075	2154	3663	2560	0024218	0223	15294																	
			OBS	0075	2154	36630	2560			15294																	
			STD	0100	2028	3663	2595	0021040	0280	15264																	
			OBS	0100	2028	36629	2595			15264																	
			STD	0125	1922	3662	2622	0018547	0329	15239																	
			OBS	0125	1922	36618	2622			15239																	
			STD	0150	1885	3660	2630	0017862	0375	15233																	
			OBS	0150	1885	36599	2630			15233																	
			STD	0200	1838	3656	2630	0017169	0462	15227																	
			OBS	0200	1838	36562	2630			15227																	
			STD	0250	1808	3653	2644	0016820	0547	15227																	
			OBS	0250	1808	36534	2644			15227																	
			STD	0300	1781	3651	2649	0016530	0631	15227																	
			OBS	0300	1781	36509	2649			15227																	
			STD	0400	1747	3646	2654	0016427	0795	15233																	
			OBS	0400	1747	36458	2654			15233																	
			STD	0500	1679	3633	2661	0016055	0958	15227																	
			OBS	0500	1679	36335	2661			15227																	
			STD	0552	1637	36188	2666			15212																	
			OBS	0600	1508	3601	2675	0014828	1112	15187																	
			STD	0600	1508	36015	2675			15187																	
			OBS	0700	1303	3568	2694	0013184	1252	15133																	
			STD	0700	1303	35685	2694			15133																	
			OBS	0800	1077	3537	2712	0011360	1375	15068																	
			STD	0800	1077	35369	2712			15068																	
			OBS	0900	0872	3516	2731	0009459	1479	15007																	
			STD	0900	0872	35165	2731			15007																	
			OBS	1000	0667	3504	2751	0007322	1563	14943																	
			STD	1000	0667	35038	2751			14943																	
			OBS	1048	0601	35020	2759			14924																	
			STD	1100	0558	3504	2766	0005883	1629	14916																	
			OBS	1100	0558	35038	2766			14916																	
			STD	1200	0508	3503	2771	0005376	1685	14912																	
			OBS	1200	0508	35030	2771			14912																	
			STD	1300	0457	3502	2775	0004940	1737	14908																	
			OBS	1300	0457	35010	2775			14908																	
			STD	1304	0455	35010	2776			14907																	
			OBS	1400	0430	3500	2777	0004761	1785	14913																	
			STD	1400	0430	34999	2777			14913																	
			OBS	1500	0410	3499	2779	0004655	1832	14922																	
			STD	1500	0410	34989	2779			14922																	

TABLE VIII. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 13-15 November 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8028.—Continued

REFERENCE CRUISE ID NO.	SHIP CODE	LATITUDE ° 10'	LONGITUDE ° 10'	MARSSEN SQUARE 10' 10'	STATION TIME IGMT				YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES TYP H AMT	NODC STATION NUMBER	
					MO	DAY	HR	MIN		CRUISE NO.	STATION NUMBER			DIR	HGT	PER				SEA
					10'	10'	10'	10'		A64	015			23	4	2				X1
318028	RC	3159 N	06526 W	115	15	11	15	197	1967	A64	015	5084		23	4	2	X1	0	3	0017
		WATER		WIND		BARO- METER		AIR TEMP °C		SPECIAL OBSERVATIONS										
		COLOR CODE	TRANS (%)	DIR	SPEED OF FORCE	DRY BULB	WET BULB	VEL CODE	NO. OBS. DEPTHS											
		DT	SO	25	514	122	228	208	7	30										
MISSION TIME HR 1/10	CAS NO.	CARD TYPE	DEPTH m	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY- σ_t	S D DTN, M $\pm 10^3$	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P µg-ml	TOTAL-P µg-ml	NO ₂ -N µg-ml	NO ₃ -N µg-ml	SiO ₄ -Si µg-ml	pH	S C C			
	197	OBS	0000	2379	3638	2476	0031923	0000	15335											
		STD	0000	2379	36375	2476			15335											
		STD	0010	2368	3638	2480	0031600	0031	15334											
		OBS	0010	2368	36382	2480			15334											
		STD	0020	2367	3639	2481	0031540	0063	15335											
	002	OBS	0020	2367	36392	2481			15335											
		STD	0030	2367	3639	2481	0031562	0094	15337											
		OBS	0030	2367	36395	2481			15337											
		STD	0050	2368	3641	2482	0031542	0158	15341											
		OBS	0050	2368	36412	2482			15341											
		OBS	0058	2369	36424	2483			15342											
		OBS	0068	2186	36616	2550			15301											
		STD	0075	2161	3662	2557	0024490	0228	15295											
		OBS	0075	2161	36618	2557			15295											
		STD	0100	2047	3663	2590	0021486	0285	15270											
		OBS	0100	2047	36635	2590			15270											
		STD	0125	1949	3662	2615	0019221	0336	15247											
		OBS	0125	1949	36618	2615			15247											
		STD	0150	1908	3660	2624	0018382	0383	15239											
		OBS	0150	1908	36605	2624			15239											
		STD	0200	1871	3659	2633	0017756	0473	15237											
		OBS	0200	1871	36591	2633			15237											
		STD	0250	1837	3656	2639	0017317	0561	15235											
		OBS	0250	1837	36562	2639			15235											
		STD	0300	1814	3655	2644	0017040	0647	15237											
		OBS	0300	1814	36548	2644			15237											
		STD	0400	1762	3648	2651	0016643	0815	15237											
		OBS	0400	1762	36478	2651			15237											
		STD	0500	1717	3641	2657	0016416	0981	15240											
		OBS	0500	1717	36408	2657			15240											
		OBS	0572	1653	36280	2663			15231											
		STD	0600	1598	3617	2667	0015711	1141	15217											
		OBS	0600	1598	36170	2667			15217											
		STD	0700	1351	3576	2689	0013626	1288	15150											
		OBS	0700	1351	35760	2689			15150											
		OBS	0748	1243	35586	2698			15120											
		OBS	0770	1216	35565	2701			15114											
		STD	0800	1108	3541	2710	0011639	1414	15079											
		OBS	0800	1108	35410	2710			15079											
		STD	0900	0870	3516	2731	0009447	1520	15006											
		OBS	0900	0870	35162	2731			15006											
		STD	1000	0654	3501	2751	0007320	1603	14937											
		OBS	1000	0654	35012	2751			14937											
		STD	1100	0556	3502	2764	0006002	1670	14915											
		OBS	1100	0556	35018	2764			14915											
		OBS	1104	0549	35014	2765			14913											
		STD	1200	0509	3504	2772	0005326	1727	14913											
		OBS	1200	0509	35038	2772			14913											
		STD	1300	0468	3501	2774	0005053	1779	14912											
		OBS	1300	0468	35014	2774			14912											
		STD	1400	0443	3501	2777	0004848	1828	14919											
		OBS	1400	0443	35010	2777			14919											
		STD	1500	0427	3501	2779	0004750	1876	14929											
		OBS	1500	0427	35008	2779			14929											

REFERENCE CRUISE ID NO.	SHIP CODE	LATITUDE ° 10'	LONGITUDE ° 10'	MARSSEN SQUARE 10' 10'	STATION TIME IGMT				YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES TYP H AMT	NODC STATION NUMBER	
					MO	DAY	HR	MIN		CRUISE NO.	STATION NUMBER			DIR	HGT	PER				SEA
					10'	10'	10'	10'		A64	015			23	4	2				X1
318028	RC	3159N	06526W	115	15	11	15	218	1967	A64	015	5084		23	4	2	X1	8	2	0018
		WATER		WIND		BARO- METER		AIR TEMP °C		SPECIAL OBSERVATIONS										
		COLOR CODE	TRANS (%)	DIR	SPEED OF FORCE	DRY BULB	WET BULB	VEL CODE	NO. OBS. DEPTHS											
		25	514	122	228	208	7	09												
MISSION TIME HR 1/10	CAS NO.	CARD TYPE	DEPTH m	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY- σ_t	S D DTN, M $\pm 10^3$	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P µg-ml	TOTAL-P µg-ml	NO ₂ -N µg-ml	NO ₃ -N µg-ml	SiO ₄ -Si µg-ml	pH	S C C			
	218	OBS	1420	0441	34996	2776			14919											
		STD	1500	0426	3499	2777	0004897		14926											
	218	OBS	T1623	0407	34976	2778			14939											
		STD	1750	0349	3498	2779	0004805		14957											
		STD	2000	0381	3499	2782	0004694		14992											
	218	OBS	T2108	0372	34993	2783			15006											
		STD	2500	0330	3496	2785	0004553		15055											
	218	OBS	T2624	0318	34953	2785			15071											
		STD	3000	0289	3494	2787	0004409		15124											
	218	OBS	3118	0280	34937	2787			15140											
	218	OBS	T3634	0237	34916	2790			15212											
		STD	4000	0231	3491	2790	0004200		15273											
	218	OBS	T4148	0224	34910	2790			15298											
	218	OBS	T4667	0228	34900	2789			15390											
	218	OBS	T4754	0229	34894	2788			15406											

TABLE IX. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 12-14 December 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8032.

REFERENCE	SHIP CODE	LATITUDE N/S	LONGITUDE E/W	MAGNETIC CORRECTION	MAGNETIC SQUARE		STATION TIME (GMT)		YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER		
					10'	1"	MO	DAY		HR	MIN			CRUISE NO.	STATION NUMBER	DIR				HGT	PER
318032	RC	35061N	075030W		116	55	12	11	099	1967	A65	001	1006		23	3	2	X6	0	3	0001
				WATER		WIND		BARO- METER		AIR TEMP °C		VIS CODE		SPECIAL OBSERVATIONS							
				COLOR CODE		SPEED OF FORCE		DRY BULB		WET BULB		NO. OBS DEPTH									
				QT		SD		23		S15		083									
				23		S15		083		231		211		6							
				34																	
MESSAGE TIME HR 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME AND MAX T-VISP	S Δ σ _t 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - ml/l	POTAL-N μg - ml/l	NO ₃ -N μg - ml/l	NO ₃ -N μg - ml/l	SiO ₄ -Si μg - ml/l	pH	χ _c				
		STD	0000	2400	3633	2467	0032849	0000	15339												
099		OBS	0000	2400	36328	2467			15339												
		STD	0010	2404	3633	2466	0032990	0032	15342												
		OBS	0010	2404	36330	2466			15342												
		STD	0020	2401	3633	2467	0032939	0065	15343												
003		OBS	0020	2401	36331	2467			15343												
		STD	0030	2397	3634	2468	0032825	0098	15344												
		OBS	0030	2397	36337	2468			15344												
		OBS	0042	2386	36346	2472			15343												
		STD	0050	2316	3633	2491	0030686	0162	15327												
		OBS	0050	2316	36329	2491			15327												
		OBS	0066	2192	36279	2523			15298												
		STD	0075	2192	3628	2523	0027764	0235	15299												
		OBS	0075	2192	36280	2523			15299												
		OBS	0088	2191	36284	2524			15301												
		STD	0100	2171	3626	2527	0027458	0304	15298												
		OBS	0100	2171	36257	2527			15298												
		OBS	0119	2158	36279	2533			15298												
		STD	0125	2094	3622	2545	0025812	0371	15281												
		OBS	0125	2094	36217	2545			15281												
		OBS	0129	2016	36215	2566			15261												
		STD	0150	1794	3612	2616	0019161	0427	15201												
		OBS	0150	1794	36117	2616			15201												
		OBS	0169	1576	35937	2654			15137												
		OBS	0179	1555	35897	2656			15131												
		STD	0200	1409	3573	2675	0013598	0509	15087												
		OBS	0200	1409	35735	2675			15087												
		STD	0250	1158	3542	2701	0011189	0571	15006												
		OBS	0250	1158	35417	2701			15006												
		OBS	0270	1076	35320	2709			14980												
		STD	0300	1048	3529	2712	0011260	0624	14974												
		OBS	0300	1048	35294	2712			14974												
		OBS	0363	0969	35207	2719			14955												
		STD	0400	0824	3510	2734	0008250	0717	14905												
		OBS	0400	0824	35099	2734			14905												
		OBS	0440	0664	34999	2749			14849												
		OBS	0468	0594	34997	2758			14825												
		OBS	0480	0517	34921	2761			14795												
		STD	0500	0506	3494	2764	0005178	0784	14794												
		OBS	0500	0506	34942	2764			14794												
		STD	0600	0476	3496	2769	0004816	0834	14798												
		OBS	0600	0476	34957	2769			14798												
		OBS	0624	0473	34951	2769			14802												
		OBS	0658	0455	34954	2771			14799												
		STD	0700	0454	3496	2772	0004650	0881	14806												
		OBS	0700	0454	34959	2772			14806												
		OBS	0785	0443	34951	2772			14815												
		OBS	0790	0428	34934	2773			14810												
		STD	0800	0427	3496	2775	0004393	0926	14811												
		OBS	0800	0427	34963	2775			14811												
		OBS	0836	0424	34964	2775			14816												

TABLE IX. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 12-14 December 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8032.—Continued

REFERENCE CRUISE CODE	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	L 2 3 4	MARSDEN SQUARE			STATION TIME (GMT)			YEAR	ORIGINATOR'S			DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLES	WAVE OBSERVATIONS	WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER																									
					10'	1"	MD	DAY	HR.	1/10		CRUISE NO.	STATION NUMBER																																
318032	RC	14483N	074333W		116	144	12	11	131	1967	A65	002	2981		22	4	2	X2	03	0002																									
<table border="1"> <thead> <tr> <th colspan="2">WATER</th> <th colspan="2">WIND</th> <th rowspan="2">BARO- METER</th> <th colspan="2">AIR TEMP. °C</th> <th rowspan="2">NO. OBS. DEPTHS</th> <th rowspan="2">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>COLOR CODE</th> <th>TRANSP. (M)</th> <th>DIR.</th> <th>SPEED OR FORCE</th> <th>DRY BULB</th> <th>WET BULB</th> <th>VS CODE</th> </tr> </thead> <tbody> <tr> <td>DT</td> <td>SD</td> <td>19</td> <td>518</td> <td>103</td> <td>233</td> <td>221</td> <td>6</td> <td></td> </tr> </tbody> </table>																					WATER		WIND		BARO- METER	AIR TEMP. °C		NO. OBS. DEPTHS	SPECIAL OBSERVATIONS	COLOR CODE	TRANSP. (M)	DIR.	SPEED OR FORCE	DRY BULB	WET BULB	VS CODE	DT	SD	19	518	103	233	221	6	
WATER		WIND		BARO- METER	AIR TEMP. °C		NO. OBS. DEPTHS	SPECIAL OBSERVATIONS																																					
COLOR CODE	TRANSP. (M)	DIR.	SPEED OR FORCE		DRY BULB	WET BULB			VS CODE																																				
DT	SD	19	518	103	233	221	6																																						
MESSAGE TIME HR 1/10	CASST NO.	CARD TYPE	DEPTH (M)	T °C	S ‰	SIGMA-T	SPECMIC VOLUME ANDOMAL-1818	S Δ D DYN M X 10 ³	SOUND VELOCITY	O ₂ (M/L)	PO ₄ -P μg - ml ⁻¹	TOTAL-P μg - ml ⁻¹	NO ₂ -N μg - ml ⁻¹	NO ₃ -N μg - ml ⁻¹	SI O ₄ -Si μg - ml ⁻¹	PH	S C C																												
		STD.	0000	2489	3620	2430	0036348	0000	15359																																				
		OBS.	0000	2489	36197	2430			15359																																				
		STD.	0010	2489	3620	2430	0036388	0036	15361																																				
		OBS.	0010	2489	36197	2430			15361																																				
		STD.	0020	2491	3620	2429	0036484	0072	15363																																				
002		OBS.	0020	2491	36197	2429			15363																																				
		STD.	0030	2492	3621	2430	0036479	0109	15365																																				
		OBS.	0030	2492	36207	2430			15365																																				
		OBS.	0040	2488	36217	2432			15366																																				
		STD.	0050	2368	3636	2478	0031950	0177	15340																																				
		OBS.	0050	2368	36356	2478			15340																																				
		STD.	0075	2285	3650	2513	0028724	0453	15325																																				
		OBS.	0075	2285	36497	2513			15325																																				
		STD.	0100	2174	3659	2551	0025158	0320	15302																																				
		OBS.	0100	2174	36587	2551			15302																																				
		STD.	0125	2069	3670	2589	0021709	0379	15280																																				
		OBS.	0125	2069	36696	2589			15280																																				
		STD.	0150	1954	3665	2616	0019231	0430	15253																																				
		OBS.	0150	1954	36646	2616			15253																																				
		OBS.	0178	1889	36622	2631			15239																																				
		STD.	0200	1881	3661	2632	0017877	0923	15240																																				
		OBS.	0200	1881	36609	2632			15240																																				
		STD.	0250	1822	3656	2643	0016960	0610	15231																																				
		OBS.	0250	1822	36562	2643			15231																																				
		STD.	0300	1794	3653	2648	0016653	0694	15231																																				
		OBS.	0300	1794	36535	2648			15231																																				
		STD.	0400	1732	3642	2654	0016347	0859	15228																																				
		OBS.	0400	1732	36421	2654			15228																																				
		OBS.	0450	1674	36324	2661			15218																																				
		STD.	0500	1583	3615	2669	0015218	1017	15196																																				
		OBS.	0500	1583	36149	2669			15196																																				
		OBS.	0562	1464	35925	2678			15166																																				
		STD.	0600	1353	3576	2689	0013409	1160	15134																																				
		OBS.	0600	1353	35757	2689			15134																																				
		OBS.	0642	1281	35637	2694			15116																																				
		STD.	0700	1084	3536	2711	0011295	1284	15054																																				
		OBS.	0700	1084	35364	2711			15054																																				
		STD.	0800	0884	3512	2726	0009825	1389	14994																																				
		OBS.	0800	0884	35117	2726			14994																																				
		OBS.	0830	0826	35036	2728			14976																																				
		OBS.	0858	0664	35021	2751			14918																																				
		STD.	0900	0559	3502	2764	0005810	1467	14883																																				
		OBS.	0900	0559	35016	2764			14883																																				
		OBS.	0950	0519	34987	2766			14875																																				
		OBS.	0970	0484	34982	2770			14863																																				
		STD.	1000	0476	3500	2772	0004964	1521	14865																																				
		OBS.	1000	0476	34997	2772			14865																																				
		OBS.	1064	0464	34992	2773			14871																																				
		STD.	1100	0436	3437	2775	0004749	1570	14865																																				
		OBS.	1100	0436	34371	2775			14865																																				
		STD.	1200	0449	3562	2777	0004673	1617	14888																																				
		OBS.	1200	0449	35017	2777			14888																																				
		STD.	1300	0433	3501	2778	0004620	1663	14898																																				
		OBS.	1300	0433	35010	2778			14898																																				
		STD.	1400	0413	3500	2779	0004555	1709	14906																																				
		OBS.	1400	0413	34996	2779			14906																																				
		STD.	1500	0402	3499	2780	0004530	1755	14918																																				
		OBS.	1500	0402	34992	2780			14918																																				

TABLE IX. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 12-14 December 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8032.—Continued

REFERENCE CENTER CODE	SHIP CODE	LATITUDE ° ' /10	LONGITUDE ° ' /10	MARSSEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODE	NODC STATION NUMBER		
					MO	DAY	HR:10		CRUISE NO.	STATION NUMBER			DIR	HGT	PER				DIR	HGT
318032	RC	3426N	074050W	116	12	11	173	1967	AO5	003	3658		20	5	3	X6	0	3	0003	
				WATER		WIND		BARO- METER		AIR TEMP °C		NO. OBS DEPTH		SPECIAL OBSERVATIONS						
				COLOR CODE	TRANS PAR	DIR	SPEED OR FORCE	BARO- METER (MM)	DRY BULB	WET BULB	WET BULB	WET BULB	WET BULB	WET BULB	WET BULB	WET BULB	WET BULB	WET BULB	WET BULB	WET BULB
				D.T	SD	SD	S30	106	219	209	5									
MISSION TIME HR:10	CASE NO.	CARD TYPE	DEPTH (M)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY-σ _t	Σ Δ D DYN. W X 10 ³	SOUND VELOCITY	O ₂ M/L	PO ₄ -P μg - ml	TOTAL-P μg - ml	NO ₃ -N μg - ml	NO ₂ -N μg - ml	SiO ₄ -Si μg - ml	pH				
		STD	0000	2084	3657	2575	0022551	0000	15262											
		OBS	0000	2084	36567	2575			15262											
		STD	0010	2084	3657	2575	0022598	0022	15264											
		OBS	0010	2084	36566	2575			15264											
		STD	0020	2084	3657	2575	0022636	0045	15266											
		OBS	0020	2084	36566	2575			15266											
		STD	0030	2073	3659	2579	0022238	0067	15264											
		OBS	0030	2073	36587	2579			15264											
		STD	0050	2073	3661	2581	0022160	0112	15268											
		OBS	0050	2073	36609	2581			15268											
		STD	0075	2067	3662	2583	0022046	0167	15271											
		OBS	0075	2067	36616	2583			15271											
		STD	0100	2056	3662	2586	0021831	0222	15272											
		OBS	0100	2056	36619	2586			15272											
		OBS	0119	2044	36600	2588			15272											
		STD	0125	1944	3660	2615	0019220	0473	15245											
		OBS	0125	1944	36600	2615			15245											
		STD	0150	1904	3660	2625	0018345	0320	15238											
		OBS	0150	1904	36597	2625			15238											
		STD	0200	1842	3659	2627	0018286	0412	15243											
		OBS	0200	1842	36589	2627			15243											
		STD	0250	1848	3656	2636	0017609	0501	15238											
		OBS	0250	1848	36558	2636			15238											
		STD	0300	1814	3655	2644	0017049	0588	15237											
		OBS	0300	1814	36546	2644			15237											
		STD	0400	1766	3649	2651	0016655	0756	15239											
		OBS	0400	1766	36490	2651			15239											
		STD	0500	1706	3638	2658	0016345	0921	15236											
		OBS	0500	1706	36382	2658			15236											
		STD	0600	1611	3618	2667	0015687	1082	15218											
		OBS	0600	1611	36183	2667			15218											
		STD	0700	1393	3583	2686	0014016	1430	15165											
		OBS	0700	1393	35826	2686			15165											
		STD	0800	1146	3545	2706	0012079	1361	15093											
		OBS	0800	1146	35447	2706			15093											
		STD	0900	0882	3517	2730	0009558	1469	15011											
		OBS	0900	0882	35175	2730			15011											
		STD	1000	0683	3504	2750	0007543	1554	14949											
		OBS	1000	0683	35041	2750			14949											
		OBS	1080	0565	34998	2762			14915											
		STD	1100	0567	3502	2763	0006135	1623	14919											
		OBS	1100	0567	35021	2763			14919											
		OBS	1171	0503	34986	2768			14905											
		STD	1200	0505	3502	2770	0005438	1681	14911											
		OBS	1200	0509	35035	2771			14923											
		STD	1300	0478	3502	2774	0005171	1734	14917											
		OBS	1300	0478	35017	2774			14917											
		STD	1400	0456	3501	2775	0005031	1785	14924											
		OBS	1400	0456	35009	2775			14924											
		STD	1500	0426	3500	2778	0004791	1834	14928											
		OBS	1500	0426	35000	2778			14928											

TABLE IX. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 12-14 December 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8032. —Continued

REFERENCE		SHIP CODE	LATITUDE ° ' /10	LONGITUDE ° ' /10	MARKS SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEATHER CODE	CLOUD CODES	NODC STATION NUMBER																													
CRUISE CODE	ID. NO.					MO	DAY	HR		MIN	SEC			CRUISE NO.	STATION NUMBER	DIR.				HIGHER	SEA	TIME (AMT)																										
318732	RC		34071N	07335W	116	43	12	11	208	1967	A65	004	4169	17	5	3	K2	0	3	0004																												
<table border="1"> <thead> <tr> <th colspan="2">WATER</th> <th colspan="2">WIND</th> <th colspan="2">BAROM.</th> <th colspan="2">AIR TEMP °C</th> <th colspan="2">NO. OBS. DEPTHS</th> <th rowspan="3">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>COLOR CODE</th> <th>TRANS. (M)</th> <th>DIR.</th> <th>SPEED OF FORCE</th> <th>WET BULB</th> <th>DRY BULB</th> <th>WET BULB</th> <th>DRY BULB</th> <th>WET BULB</th> <th>DRY BULB</th> </tr> <tr> <th>DT</th> <th>SD</th> <th>19</th> <th>S30</th> <th>114</th> <th>214</th> <th>206</th> <th>5</th> </tr> </thead> </table>																				WATER		WIND		BAROM.		AIR TEMP °C		NO. OBS. DEPTHS		SPECIAL OBSERVATIONS	COLOR CODE	TRANS. (M)	DIR.	SPEED OF FORCE	WET BULB	DRY BULB	WET BULB	DRY BULB	WET BULB	DRY BULB	DT	SD	19	S30	114	214	206	5
WATER		WIND		BAROM.		AIR TEMP °C		NO. OBS. DEPTHS		SPECIAL OBSERVATIONS																																						
COLOR CODE	TRANS. (M)	DIR.	SPEED OF FORCE	WET BULB	DRY BULB	WET BULB	DRY BULB	WET BULB	DRY BULB																																							
DT	SD	19	S30	114	214	206	5																																									
MESSING TIME 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY (10 ³)	S.D. ON 10 ³	SOUND VELOCITY	D ₂ (m)	PO ₄ -P (µg/l)	TOTAL-P (µg/l)	NO ₃ -N (µg/l)	NO ₂ -N (µg/l)	SiO ₄ -Si (µg/l)	PH	CHL																															
		STD	0000	2058	3658	2583	0021808	0000	15255																																							
		OBS	0000	2058	36577	2583			15255																																							
		STD	0010	2058	3658	2583	0021845	0021	15257																																							
		OBS	0010	2058	36577	2583			15257																																							
		STD	0020	2057	3658	2583	0021865	0043	15258																																							
		OBS	0020	2057	36577	2583			15258																																							
		STD	0030	2047	3658	2586	0021603	0065	15257																																							
		OBS	0030	2047	36583	2586			15257																																							
		OBS	0033	2019	36586	2594			15250																																							
		STD	0050	2009	3660	2598	0020562	0107	15251																																							
		OBS	0050	2009	36603	2598			15251																																							
		STD	0075	2008	3661	2599	0020546	0159	15255																																							
		OBS	0075	2008	36614	2599			15255																																							
		STD	0100	2007	3661	2599	0020630	0210	15259																																							
		OBS	0100	2007	36612	2599			15259																																							
		STD	0125	1946	3660	2614	0019284	0460	15246																																							
		OBS	0125	1946	36599	2614			15246																																							
		STD	0150	1881	3659	2630	0017852	0306	15232																																							
		OBS	0150	1881	36587	2630			15232																																							
		STD	0200	1854	3657	2636	0017481	0095	15232																																							
		OBS	0200	1854	36572	2636			15232																																							
		STD	0250	1825	3655	2641	0017141	0081	15232																																							
		OBS	0250	1825	36546	2641			15232																																							
		STD	0300	1798	3653	2646	0016817	0066	15232																																							
		OBS	0300	1798	36526	2646			15232																																							
		STD	0400	1746	3646	2654	0016418	0732	15232																																							
		OBS	0400	1746	36456	2654			15232																																							
		STD	0500	1694	3636	2659	0016255	0896	15232																																							
		OBS	0500	1694	36356	2659			15232																																							
		STD	0600	1519	3604	2675	0014901	1051	15191																																							
		OBS	0600	1519	36038	2675			15191																																							
		STD	0700	1298	3566	2693	0013276	1142	15131																																							
		OBS	0700	1298	35659	2693			15131																																							
		STD	0800	1038	3531	2714	0011104	1314	15053																																							
		OBS	0800	1038	35307	2714			15053																																							
		OBS	0848	0897	35149	2726			15007																																							
		STD	0900	0809	3508	2735	0009013	1415	14982																																							
		OBS	0900	0809	35085	2735			14982																																							
		STD	1000	0654	3501	2751	0007302	1496	14937																																							
		OBS	1000	0654	35015	2751			14937																																							
		STD	1100	0538	3499	2764	0005957	1563	14907																																							
		OBS	1100	0538	34991	2764			14907																																							
		STD	1200	0478	3499	2771	0005293	1619	14899																																							
		OBS	1200	0478	34986	2771			14899																																							
		STD	1300	0448	3498	2774	0005010	1670	14904																																							
		OBS	1300	0448	34984	2774			14904																																							
		STD	1400	0431	3498	2776	0004896	1720	14913																																							
		OBS	1400	0431	34982	2776			14913																																							
		STD	1500	0418	3499	2778	0004780	1768	14925																																							
		OBS	1500	0418	34987	2778			14925																																							

TABLE IX. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 12-14 December 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8032.—Continued

REFERENCE CRUISE CODE	SHIP NO.	LATITUDE ° 1/10	LONGITUDE ° 1/10	MARPEN SQUARE	STATION TIME (GMT)		YEAR	ORIGINATOR'S STATION NUMBER		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPL'S	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES TIME (GMT)	NODC STATION NUMBER			
					10'	1"		MO	DAY			HR. 1/10	CRUISE NO.	STATION NUMBER				SW	HGT	PER
318032	RC	33502N	073025W	116	33	12	12	003	1967	A65	005	4609		20	4	3	X2	0	3	0005
				WATER		WIND		BARO- METER (mmHg)		AIR TEMP °C		NO. OF SPLS		SPECIAL OBSERVATIONS						
				COLOR CODE		DIR. OR FORCE		DRY BULB		WET BULB		VE CODE								
				DT	SO	20	S23	139	216	206	5									
MISSING TIME HR 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-σ _t		Σ Δ D OTN, M x 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₂ -P μg-at/l	TOTAL-P μg-at/l	NO ₃ -N μg-at/l	NO ₂ -N μg-at/l	SiO ₄ -S μg-at/l	PH			
		STD	0000	2009	3658	2596	0020530		0000	15242										
		OBS	0000	2009	36581	2596				15242										
		STD	0010	2009	3658	2596	0020567		0020	15244										
		OBS	0010	2009	36582	2596				15244										
		STD	0020	2010	3659	2596	0020596		0041	15246										
002		OBS	0020	2010	36586	2596				15246										
		STD	0030	2009	3659	2597	0020569		0061	15247										
		OBS	0030	2009	36591	2597				15247										
		STD	0050	2010	3660	2597	0020617		0102	15251										
		OBS	0050	2010	36599	2597				15251										
		STD	0075	2010	3661	2598	0020637		0154	15255										
		OBS	0075	2010	36609	2598				15255										
		STD	0100	2010	3661	2598	0020739		0206	15259										
		OBS	0100	2010	36607	2598				15259										
		STD	0125	2008	3660	2598	0020858		0258	15263										
		OBS	0125	2008	36597	2598				15263										
		STD	0150	1888	3659	2629	0017989		0306	15234										
		OBS	0150	1888	36592	2629				15234										
		STD	0200	1859	3657	2635	0017581		0305	15233										
		OBS	0200	1859	36575	2635				15233										
		STD	0250	1818	3656	2644	0016895		0481	15230										
		OBS	0250	1818	36557	2644				15230										
		STD	0300	1796	3653	2647	0016699		0565	15231										
		OBS	0300	1796	36535	2647				15231										
		STD	0400	1754	3648	2653	0016468		0731	15235										
		OBS	0400	1754	36476	2653				15235										
		STD	0500	1639	3639	2660	0016151		0894	15234										
		OBS	0500	1639	36386	2660				15234										
		STD	0554	1643	36276	2665				15225										
		OBS	0600	1559	3611	2672	0015235		1051	15205										
		STD	0600	1559	36115	2672				15205										
		OBS	0700	1351	3577	2690	0013573		1195	15150										
		STD	0700	1351	35767	2690				15150										
		OBS	0800	1094	3538	2710	0011618		1321	15074										
		STD	0800	1094	35377	2710				15074										
		OBS	0900	0861	3512	2730	0009590		1427	15002										
		STD	0900	0861	35122	2730				15002										
		OBS	0930	0810	35035	2731				14987										
		STD	1000	0697	3503	2747	0007822		1514	14955										
		OBS	1000	0697	35031	2747				14955										
		STD	1100	0565	3500	2762	0006228		1585	14918										
		OBS	1100	0565	35005	2762				14918										
		STD	1200	0483	3499	2771	0005351		1642	14901										
		OBS	1200	0483	34987	2771				14901										
		STD	1300	0477	3503	2774	0005089		1695	14916										
		OBS	1300	0477	35026	2774				14916										
		STD	1400	0447	3500	2776	0004940		1745	14920										
		OBS	1400	0447	35005	2776				14920										
		STD	1500	0422	3500	2778	0004759		1793	14927										
		OBS	1500	0422	34997	2778				14927										

TABLE IX. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 12-14 December 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8032.—Continued

REFERENCE CITE CODE	SHIP NO.	LATITUDE 1/10	LONGITUDE 1/10	MARSDEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLING	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER	
					10'	10'	10'		CRUISE NO.	STATION NUMBER			DR	HGT	PER				SEA
318032	RC	33299N	072355W	116	32	12	12	1037	1967	A65	006	4956	19	3	2	X2	0	3	0006
				WATER		WIND		BARO- METER		AIR TEMP °C		NO. OF DEPTHS		SPECIAL OBSERVATIONS					
				COLOR	TRANS- PARENCY	DIR.	SPEED OF FORCE	NO.	DRY BULB	WET BULB	VIS CODE								
				NT	SD	18	525	148	221	211									
MESSNGR TIME OF HR 1/10	CASE NO.	CARD TYPE	DEPTH DMI	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME AND WAT-TEMP	SOUND VELOCITY	σ _t	PO ₄ -P μg - liter	TOTAL-P μg - liter	NO ₃ -N μg - liter	NO ₂ -N μg - liter	SiO ₄ -Si μg - liter	PH	S C	C		
	003	STD	0000	2066	3659	2581	0021953	0000	15258										
		OBS	0000	2066	36586	2581			15258										
		STD	0010	2064	3659	2582	0021936	0021	15259										
		OBS	0010	2064	36586	2582			15259										
		STD	0020	2059	3658	2582	0021919	0043	15259										
		OBS	0020	2059	36576	2582			15259										
		OBS	0021	2034	36576	2589			15252										
		STD	0030	2032	3658	2590	0021259	0065	15253										
		OBS	0030	2032	36577	2590			15253										
		STD	0050	2031	3659	2591	0021197	0107	15257										
		OBS	0050	2031	36592	2591			15257										
		STD	0075	2026	3659	2592	0021200	0160	15259										
		OBS	0075	2026	36587	2592			15259										
		STD	0100	2011	3661	2598	0020757	0413	15260										
		OBS	0100	2011	36608	2598			15260										
		STD	0125	1928	3662	2620	0018684	0262	15241										
		OBS	0125	1928	36620	2620			15241										
		STD	0140	1908	3661	2625	0018309	0308	15240										
		OBS	0150	1908	36615	2625			15240										
		STD	0200	1877	3660	2632	0017857	0399	15239										
		OBS	0200	1877	36597	2632			15239										
		STD	0250	1844	3657	2638	0017410	0487	15237										
		OBS	0250	1844	36573	2638			15237										
		STD	0300	1811	3654	2644	0016984	0573	15236										
		OBS	0300	1811	36545	2644			15236										
		OBS	0364	1792	36531	2648			15241										
		STD	0400	1768	3649	2651	0016701	0741	15239										
		OBS	0400	1768	36489	2651			15239										
		STD	0500	1706	3638	2658	0016345	0907	15236										
		OBS	0500	1706	36382	2658			15236										
		STD	0600	1601	3618	2667	0015732	1067	15218										
		OBS	0600	1601	36176	2667			15218										
		STD	0700	1448	3590	2680	0014635	1419	15183										
		OBS	0700	1448	35902	2680			15183										
		STD	0800	1195	3550	2701	0012606	1355	15111										
		OBS	0800	1195	35505	2701			15111										
		STD	0900	0949	3519	2721	0010578	1471	15036										
		OBS	0900	0949	35192	2721			15036										
		OBS	0940	0844	35126	2733			15002										
		STD	1000	0733	3506	2744	0008184	1565	14969										
		OBS	1000	0733	35057	2744			14969										
		OBS	1017	0703	35028	2746			14960										
		STD	1100	0599	3500	2758	0006728	1639	14932										
		OBS	1100	0599	35002	2758			14932										
		STD	1200	0528	3502	2768	0005740	1702	14920										
		OBS	1200	0528	35017	2768			14920										
		STD	1300	0485	3501	2772	0005324	1757	14919										
		OBS	1300	0485	35009	2772			14919										
		STD	1400	0449	3499	2775	0005052	1809	14921										
		OBS	1400	0449	34993	2775			14921										
		STD	1500	0441	3499	2777	0004914	1859	14930										
		OBS	1500	0431	34992	2777			14930										

TABLE IX. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 12-14 December 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8032.—Continued

REFERENCE SHIP CODE	SHIP NO.	LATITUDE 1/10	LONGITUDE 1/10	MARSDEN SQUARE		STATION TIME (GMT)		YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPL'S	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER		
				10'	1"	MO	DAY		HR	1/10			CRUISE NO.	STATION NUMBER	DIR				HGT	PER
318032	RC	33107N	072059W	116	32	12	12	1967	A65	007	5136	18	3	2	X1	0	3	0007		
				WATER		WIND		AIR TEMP °C												
				COLOR CODE	TRANS (M)	DIR	SPEED OF FORCE	BARO- METER (mbars)	DRY BULB	WET BULB	VIS CODE	NO. OBS. DEPTH	SPECIAL OBSERVATIONS							
				NT	SD	17	528	148	219	209	7									
MESSING TIME HR 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY- σ_{θ}	$\Sigma \Delta \sigma$ OTM, M. $\times 10^3$	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P µg · ml ⁻¹	TOTAL-P µg · ml ⁻¹	NO ₂ -N µg · ml ⁻¹	NO ₃ -N µg · ml ⁻¹	SiO ₄ -S µg · ml ⁻¹	PH	S C			
	003	STD	0000	2085	3660	2577	0022361	0000	15263											
		OBS	0000	2085	36598	2577			15263											
		STD	0010	2084	3660	2577	0022344	0022	15264											
		OBS	0010	2084	36601	2577			15264											
		STD	0020	2084	3660	2577	0022391	0044	15266											
		OBS	0020	2084	36600	2577			15266											
		STD	0030	2084	3660	2578	0022411	0067	15268											
		OBS	0030	2084	36603	2578			15268											
		STD	0050	2077	3660	2579	0022305	0111	15269											
		OBS	0050	2077	36603	2579			15269											
		STD	0075	2071	3660	2581	0022236	0167	15272											
		OBS	0075	2071	36604	2581			15272											
		STD	0100	2065	3660	2582	0022221	0223	15274											
		OBS	0100	2065	36598	2582			15274											
		OBS	0102	2049	36600	2587			15270											
		STD	0125	1996	3659	2600	0020621	0276	15259											
		OBS	0125	1996	36587	2600			15259											
		STD	0150	1961	3662	2612	0019621	0326	15254											
		OBS	0150	1961	36617	2612			15254											
		OBS	0168	1924	36618	2621			15247											
		OBS	0171	1899	36607	2627			15240											
		STD	0200	1879	3660	2631	0017894	0420	15239											
		OBS	0200	1879	36599	2631			15239											
		STD	0250	1848	3657	2637	0017555	0509	15238											
		OBS	0250	1848	36566	2637			15238											
		STD	0300	1818	3654	2642	0017213	0596	15238											
		OBS	0300	1818	36537	2642			15238											
		STD	0400	1767	3649	2652	0016637	0765	15239											
		OBS	0400	1767	36495	2652			15239											
		STD	0500	1712	3640	2657	0016376	0930	15238											
		OBS	0500	1712	36397	2657			15238											
		OBS	0550	1671	36297	2660			15233											
		STD	0600	1598	3617	2667	0015729	1091	15217											
		OBS	0600	1598	36167	2667			15217											
		OBS	0645	1449	35997	2676			15192											
		OBS	0665	1489	35987	2677			15192											
		STD	0700	1401	3585	2686	0013981	1239	15168											
		OBS	0700	1401	35855	2686			15168											
		OBS	0733	1338	35712	2688			15151											
		STD	0800	1144	3543	2705	0012192	1370	15092											
		OBS	0800	1144	35427	2705			15092											
		STD	0900	0960	3525	2723	0010366	1483	15040											
		OBS	0900	0960	35247	2723			15040											
		STD	1000	0754	3507	2741	0008442	1577	14977											
		OBS	1000	0754	35067	2741			14977											
		OBS	1088	0616	35006	2756			14937											
		STD	1100	0616	3504	2759	0006664	1652	14939											
		OBS	1100	0616	35045	2759			14939											
		OBS	1118	0589	35002	2759			14931											
		STD	1200	0527	3500	2767	0005817	1715	14920											
		OBS	1200	0527	35005	2767			14920											
		OBS	1240	0498	35009	2771			14915											
		STD	1300	0480	3500	2772	0005345	1771	14917											
		OBS	1300	0480	34997	2772			14917											
		OBS	1387	0456	35006	2774			14926											
		STD	1400	0455	3499	2774	0005142	1823	14923											
		OBS	1400	0455	34992	2774			14923											
		STD	1500	0431	3499	2777	0004922	1873	14930											
		OBS	1500	0431	34991	2777			14930											

REFERENCE SHIP CODE	SHIP NO.	LATITUDE 1/10	LONGITUDE 1/10	MARSDEN SQUARE		STATION TIME (GMT)		YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPL'S	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER		
				10'	1"	MO	DAY		HR	1/10			CRUISE NO.	STATION NUMBER	DIR				HGT	PER
318032	RC	33107N	072059W	116	32	12	12	1967	A65	007	5128	19	3	2	X1	5	8	0008		
				WATER		WIND		AIR TEMP °C												
				COLOR CODE	TRANS (M)	DIR	SPEED OF FORCE	BARO- METER (mbars)	DRY BULB	WET BULB	VIS CODE	NO. OBS. DEPTH	SPECIAL OBSERVATIONS							
					17	528	150	219	209	6	05									
MESSING TIME HR 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY- σ_{θ}	$\Sigma \Delta \sigma$ OTM, M. $\times 10^3$	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P µg · ml ⁻¹	TOTAL-P µg · ml ⁻¹	NO ₂ -N µg · ml ⁻¹	NO ₃ -N µg · ml ⁻¹	SiO ₄ -S µg · ml ⁻¹	PH	S C			
102		OBS	1110	0610	35026	2758			14937											
		STD	1200	0555	3502	2765	0006097		14930											
		STD	1300	0504	3501	2770	0005550		14926											
		STD	1400	0464	3501	2774	0005155		14926											
	102	OBS	11438	0452	35006	2776			14927											
		STD	1500	0444	3502	2778	0004880		14935											
		STD	1750	0414	3505	2783	0004490		14965											
	102	OBS	11781	0411	35052	2784			14969											
		STD	2000	0389	3502	2783	0004593		14996											
	102	OBS	12157	0374	34999	2783			15016											
		STD	2500	0341	3496	2784	0004698		15061											
	102	OBS	12545	0337	34960	2784			15066											

TABLE IX. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 12-14 December 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8032.—Continued

REFERENCE CYS CODE	SHIP CODE	LATITUDE ° '"/10	LONGITUDE ° '"/10	MAGNETIC CORRECTION °	MAGNETIC SQUARE		STATION TIME (GMT)			YEAR	ORIGINATOR'S STATION NUMBER		DEPTH TO BOTTOM	MAX. DEPTH OF SOUNDING	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER	
					10°	1'	MO	DAY	HR./10		CRUISE NO.	STATION NUMBER			DIR	HGT	PER				DIR
318032	RC	32535N	071355W	116	21	12	12	158	1967	A65	008	5176			19	4	2	X1	0	3	0009
				WATER		WIND		AIR TEMP. °C		NO. OBS. DEPTHS		SPECIAL OBSERVATIONS									
				COLOR CODE	TRANS (m)	DIL.	SPID OF FOGCI	BARO-METER (mbal)	DRY BULB	WET BULB	VIS CODE										
				DT	SO	18	S30	155	234	217	7										
MISSING TIME HR./10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY (10 ³)	S Δ σ DTN, M E 10 ³	SOUND VELOCITY	D ₂ (m/s)	PO ₄ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₃ -N μg - ml/l	NO ₂ -N μg - ml/l	SiO ₄ -Si μg - ml/l	PH	S CODE				
		STD	0000	2095	3665	2578	0022234	0000	15266												
		OBS	0000	2095	36651	2578			15266												
		STD	0010	2094	3664	2578	0022299	0022	15267												
		OBS	0010	2094	36643	2578			15267												
		STD	0020	2092	3663	2578	0022373	0044	15268												
	003	OBS	0020	2092	36632	2578			15268												
		STD	0030	2084	3661	2578	0022330	0067	15268												
		OBS	0030	2084	36614	2578			15268												
		STD	0050	2079	3661	2580	0022269	0111	15270												
		OBS	0050	2079	36615	2580			15270												
		STD	0075	2079	3662	2580	0022355	0167	15274												
		OBS	0075	2079	36616	2580			15274												
		STD	0100	2068	3661	2583	0022185	0423	15275												
		OBS	0100	2068	36613	2583			15275												
		STD	0125	1928	3664	2622	0018566	0273	15241												
		OBS	0125	1928	36636	2622			15241												
		STD	0150	1889	3661	2630	0017890	0319	15234												
		OBS	0150	1889	36609	2630			15234												
		STD	0200	1847	3657	2638	0017307	0407	15230												
		OBS	0200	1847	36573	2638			15230												
		STD	0250	1819	3655	2643	0016959	0493	15230												
		OBS	0250	1819	36552	2643			15230												
		STD	0300	1796	3654	2648	0016690	0577	15231												
		OBS	0300	1796	36536	2648			15231												
		STD	0400	1751	3647	2654	0016421	0742	15234												
		OBS	0400	1751	36472	2654			15234												
		STD	0500	1694	3637	2659	0016174	0705	15232												
		OBS	0500	1694	36367	2659			15232												
		OBS	0520	1665	36308	2662			15226												
		OBS	0550	1640	36259	2664			15223												
		STD	0600	1529	3603	2672	0015206	1062	15194												
		OBS	0600	1529	36027	2672			15194												
		STD	0700	1321	3572	2693	0013286	1405	15140												
		OBS	0700	1321	35722	2693			15140												
		STD	0800	1118	3545	2711	0011565	1329	15083												
		OBS	0800	1118	35446	2711			15083												
		STD	0900	0917	3520	2727	0009968	1437	15024												
		OBS	0900	0917	35199	2727			15024												
		STD	1000	0712	3508	2749	0007677	1525	14961												
		OBS	1000	0712	35082	2749			14961												
		STD	1100	0619	3506	2760	0006582	1596	14941												
		OBS	1100	0619	35062	2760			14941												
		STD	1200	0552	3506	2768	0005797	1658	14930												
		OBS	1200	0552	35056	2768			14930												
		STD	1300	0507	3505	2773	0005293	1714	14929												
		OBS	1300	0507	35055	2773			14929												
		STD	1400	0468	3503	2776	0005008	1765	14929												
		OBS	1400	0468	35035	2776			14929												
		STD	1500	0447	3503	2778	0004891	1815	14937												
		OBS	1500	0447	35026	2778			14937												

TABLE IX. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 12-14 December 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8032.—Continued

REFERENCE CRUISE NO.	SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	MARENGO SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF WAVE	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES (1-10)	NODC STATION NUMBER	
					10'	30'	MD		DAY	HR			MIN	CRUISE NO.	STATION NUMBER				SW
318032	RC	32323N	071061W	116	21	12	12	195	1967	A65	009	5194	19	3	3	X1	0	3	0010
				WATER		WIND		AIR TEMP °C		NO. OBS. DEPTHS		SPECIAL OBSERVATIONS							
				COLOR CODE	TRANS. (m)	DIR.	SPEED OF FORCE	BARO. METER	DRY BULB	WET BULB	VIS CODE								
				DT	SD	21	S25	169	232	219	7								
MISSING TIME HR 1/10	CASIT NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME AND WALT-SPR	S.D. DYN. M 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₂ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₂ -N μg - ml/l	NO ₃ -N μg - ml/l	SiO ₄ -S μg - ml/l	PH	SIG CODE		
		STD	0000	2131	3664	2576	0022451	0000	15268										
		OBS	0000	2101	36642	2576			15268										
		STD	0010	2100	3664	2576	0022462	0022	15269										
		OBS	0010	2100	36642	2576			15269										
		STD	0020	2099	3664	2576	0022482	0044	15270										
	002	OBS	0020	2099	36642	2576			15270										
		STD	0030	2099	3664	2576	0022520	0067	15272										
		OBS	0030	2099	36642	2576			15272										
		STD	0050	2099	3664	2576	0022596	0112	15275										
		OBS	0050	2099	36642	2576			15275										
		STD	0075	2097	3664	2577	0022673	0169	15279										
		OBS	0075	2097	36637	2577			15279										
		OBS	0099	2097	36635	2576			15283										
		STD	0100	2078	3663	2581	0022313	0225	15278										
		OBS	0100	2078	36632	2581			15278										
		STD	0125	1928	3660	2619	0018847	0276	15241										
		OBS	0125	1928	36597	2619			15241										
		STD	0150	1897	3659	2626	0018244	0323	15236										
		OBS	0150	1897	36587	2626			15236										
		STD	0200	1857	3657	2635	0017554	0412	15233										
		OBS	0200	1857	36572	2635			15233										
		STD	0250	1829	3655	2640	0017233	0499	15233										
		OBS	0250	1829	36547	2640			15233										
		STD	0300	1804	3653	2645	0016918	0585	15234										
		OBS	0300	1804	36531	2645			15234										
		STD	0400	1759	3648	2652	0016578	0752	15236										
		OBS	0400	1759	36477	2652			15236										
		STD	0500	1704	3638	2658	0016298	0916	15235										
		OBS	0500	1704	36382	2658			15235										
		STD	0600	1564	3610	2669	0015473	1075	15206										
		OBS	0600	1564	36097	2669			15206										
		STD	0700	1369	3576	2685	0014014	1223	15156										
		OBS	0700	1369	35757	2685			15156										
		STD	0800	1099	3538	2709	0011697	1351	15076										
		OBS	0800	1099	35379	2709			15076										
		STD	0900	0862	3515	2731	0009423	1457	15003										
		OBS	0900	0862	35147	2731			15003										
		STD	1000	0687	3504	2749	0007588	1542	14951										
		OBS	1000	0687	35043	2749			14951										
		STD	1100	0577	3503	2763	0006196	1611	14924										
		OBS	1100	0577	35032	2763			14924										
		STD	1200	0489	3500	2771	0005297	1668	14904										
		OBS	1200	0489	35005	2771			14904										
		STD	1300	0447	3500	2775	0004901	1719	14903										
		OBS	1300	0447	34997	2775			14903										
		STD	1400	0418	3498	2778	0004713	1767	14908										
		OBS	1400	0418	34983	2778			14908										
		STD	1500	0398	3498	2779	0004587	1814	14916										
		OBS	1500	0398	34977	2779			14916										

TABLE IX. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 12-14 December 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8032.—Continued

REFERENCE CITY CODE	SNIP CODE	LATITUDE 1/10	LONGITUDE 1/10	MARSDEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLING	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER	
					MO	DAY	HR:1/10		CRUISE NO.	STATION NUMBER			DIR	HGT	PER				SEA
318032	RC	32140N	070350W	116	20	12	12	227	1967	A65	010	5198		22	3	2	X1	013	0011
				WATER		WIND		BARO-		AIR TEMP °C		NO.		SPECIAL					
				COLOR	TRANS	DIR	SPEED	METER	DRY	WET	VIS	NO.	OBS.						
				CODE	(m)	(deg)	(m/s)	(mb)	BULB	BULB	CODE	DEPTHS	OBSERVATIONS						
				BT	SD	21	517	188	223	218	6								
MISSING TIME HR 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-σ _t	Σ Δ D DTN. W z 10 ²	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₃ -N μg - ml/l	NO ₂ -N μg - ml/l	SiO ₄ -Si μg - ml/l	ph	χ _c		
		STD	0000	21.75	366.2	2553	0024582	0000	15287										
		OBS	0000	21.75	366.17	2553			15287										
		STD	0010	21.75	366.3	2554	0024566	0024	15288										
		OBS	0010	21.75	366.25	2554			15288										
		STD	0020	21.75	366.3	2554	0024605	0049	15290										
002		OBS	0020	21.75	366.25	2554			15290										
		STD	0030	21.75	366.3	2554	0024635	0073	15292										
		OBS	0030	21.75	366.26	2554			15292										
		STD	0050	21.78	366.3	2553	0024785	0123	15296										
		OBS	0050	21.78	366.27	2553			15296										
		STD	0075	21.79	366.4	2554	0024836	0185	15300										
		OBS	0075	21.79	366.37	2554			15300										
		STD	0100	21.77	366.4	2554	0024887	0247	15304										
		OBS	0100	21.77	366.36	2554			15304										
		STD	0125	19.74	366.0	2607	0019939	0303	15254										
		OBS	0125	19.74	366.05	2607			15254										
		STD	0150	19.28	366.0	2619	0018937	0352	15245										
		OBS	0150	19.28	365.97	2619			15245										
		STD	0200	18.79	366.0	2631	0017921	0444	15239										
		OBS	0200	18.79	365.96	2631			15239										
		STD	0250	18.41	365.6	2638	0017418	0532	15236										
		OBS	0250	18.41	365.62	2638			15236										
		STD	0300	18.12	365.3	2643	0017084	0618	15236										
		OBS	0300	18.12	365.35	2643			15236										
		STD	0400	17.71	365.0	2651	0016729	0787	15240										
		OBS	0400	17.71	364.96	2651			15240										
		STD	0500	17.15	364.0	2657	0016450	0953	15239										
		OBS	0500	17.15	363.97	2657			15239										
		STD	0559	16.77	363.28	2661			15236										
		OBS	0600	16.14	361.9	2665	0015914	1115	15222										
		STD	0600	16.14	361.92	2665			15222										
		STD	0700	14.16	358.5	2682	0014356	1266	15172										
		OBS	0700	14.16	358.46	2682			15172										
		STD	0800	11.78	354.8	2702	0012439	1400	15105										
		OBS	0800	11.78	354.82	2702			15105										
		STD	0900	09.19	352.0	2726	0009981	1513	15025										
		OBS	0900	09.19	352.02	2726			15025										
		STD	1000	07.19	350.5	2745	0008021	1603	14963										
		OBS	1000	07.19	350.50	2745			14963										
		STD	1100	06.06	350.2	2758	0006683	1676	14935										
		OBS	1100	06.06	350.22	2758			14935										
		STD	1200	05.51	350.5	2768	0005786	1738	14930										
		OBS	1200	05.51	350.55	2768			14930										
		STD	1300	05.16	350.5	2772	0005461	1795	14932										
		OBS	1300	05.16	350.49	2772			14932										
		STD	1400	04.80	350.4	2775	0005153	1848	14934										
		OBS	1400	04.80	350.38	2775			14934										
		STD	1500	04.47	350.2	2778	0004899	1898	14937										
		OBS	1500	04.47	350.24	2778			14937										

TABLE IX. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 12-14 December 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8032.—Continued

REFERENCE CRUISE CODE	SHIP ID NO.	LATITUDE 1/10	LONGITUDE 1/10	DEPTH METER	MARSOEN SQUARE		STATION TIME (GMT)		YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLE	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES		NODC STATION NUMBER		
					10'	1'	MO	DAY		HR	1/10			CRUISE NO.	STATION NUMBER	DIR		HGT	PER		1/10	1/10
318032	RC	31550N	070060W		116	10	12	13	022	1967	A65	011	5128		22	2	2		X1	0	3	0012
				WATER		WIND		BARO- METER		AIR TEMP °C		VIS		NO OBS DEPTH		SPECIAL OBSERVATIONS						
				COLOR CODE	TRANS- M	DIR	DIR OF FORCE	DIR	DIR BULB	WET BULB	WET BULB	WET BULB	WET BULB	WET BULB	WET BULB	WET BULB	WET BULB	WET BULB	WET BULB	WET BULB	WET BULB	WET BULB
				OT	50	24	517	206	227	221	7	06										
MESSAGE TIME 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY-σ _t	Σ Δ σ DTM M 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₂ -N μg - ml/l	NO ₃ -N μg - ml/l	SiO ₄ -Si μg - ml/l	pH	σ _t	σ _θ				
			ST0	0000	2197	3669	2553	0024663	0000	15293												
			OBS	0000	2197	36687	2553			15293												
			ST0	0010	2197	3669	2553	0024702	0024	15295												
			OBS	0010	2197	36687	2553			15295												
			ST0	0020	2197	3669	2553	0024741	0049	15296												
	002		OBS	0020	2197	36687	2553			15296												
			ST0	0030	2197	3669	2553	0024781	0074	15298												
			OBS	0030	2197	36687	2553			15298												
			ST0	0050	2197	3669	2553	0024858	0123	15301												
			OBS	0050	2197	36687	2553			15301												
			ST0	0075	2197	3669	2553	0024947	0186	15305												
			OBS	0075	2197	36688	2553			15305												
			ST0	0100	2194	3667	2552	0025116	0448	15308												
			OBS	0100	2194	36667	2552			15308												
			ST0	0125	1999	3664	2603	0020350	0305	15261												
			OBS	0125	1999	36636	2603			15261												
			OBS	0141	1979	36652	2609			15258												
			ST0	0150	1955	3664	2615	0019331	0355	15253												
			OBS	0150	1955	36636	2615			15253												
			OBS	0170	1907	36602	2624			15242												
			ST0	0200	1872	3658	2632	0017883	0448	15237												
			OBS	0200	1872	36577	2632			15237												
			ST0	0250	1837	3655	2638	0017425	0536	15235												
			OBS	0250	1837	36547	2638			15235												
			ST0	0300	1800	3653	2646	0016854	0622	15232												
			OBS	0300	1800	36527	2646			15232												
			ST0	0400	1750	3645	2652	0016582	0789	15233												
			OBS	0400	1750	36447	2652			15233												
			ST0	0500	1695	3635	2658	0016345	0953	15232												
			OBS	0500	1695	36347	2658			15232												
			ST0	0600	1584	3613	2667	0015689	1114	15212												
			OBS	0600	1584	36129	2667			15212												
			ST0	0700	1404	3581	2682	0014351	1464	15168												
			OBS	0700	1404	35812	2682			15168												
			OBS	0738	1311	35668	2691			15142												
			OBS	0761	1278	35638	2695			15134												
			ST0	0800	1200	3551	2700	0012667	1399	15113												
			OBS	0800	1200	35510	2700			15113												
			ST0	0900	0929	3517	2722	0010417	1514	15028												
			OBS	0900	0929	35166	2722			15028												
			ST0	1000	0720	3501	2742	0008342	1608	14963												
			OBS	1000	0720	35008	2742			14963												
			OBS	1045	0646	35017	2753			14942												
			ST0	1100	0599	3503	2760	0006551	1683	14932												
			OBS	1100	0599	35027	2760			14932												
			ST0	1200	0529	3501	2767	0005814	1744	14921												
			OBS	1200	0529	35009	2767			14921												
			ST0	1300	0485	3501	2772	0005307	1800	14919												
			OBS	1300	0485	35011	2772			14919												
			ST0	1400	0450	3501	2775	0005058	1852	14925												
			OBS	1400	0459	35011	2775			14925												
			ST0	1500	0431	3500	2777	0004870	1901	14930												
			OBS	1500	0431	34999	2777			14930												

REFERENCE CRUISE CODE	SHIP ID NO.	LATITUDE 1/10	LONGITUDE 1/10	DEPTH METER	MARSOEN SQUARE		STATION TIME (GMT)		YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLE	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES		NODC STATION NUMBER		
					10'	1'	MO	DAY		HR	1/10			CRUISE NO.	STATION NUMBER	DIR		HGT	PER		1/10	1/10
318032	RC	31550N	070060W		116	10	12	13	033	1967	A65	011	5128		22	2	2		X1	6	6	0015
				WATER		WIND		BARO- METER		AIR TEMP °C		VIS		NO OBS DEPTH		SPECIAL OBSERVATIONS						
				COLOR CODE	TRANS- M	DIR	DIR OF FORCE	DIR	DIR BULB	WET BULB	WET BULB	WET BULB	WET BULB	WET BULB	WET BULB	WET BULB	WET BULB	WET BULB	WET BULB	WET BULB	WET BULB	WET BULB
				24	517	206	227	221	7	06												
MESSAGE TIME 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY-σ _t	Σ Δ σ DTM M 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₂ -N μg - ml/l	NO ₃ -N μg - ml/l	SiO ₄ -Si μg - ml/l	pH	σ _t	σ _θ				
	033	OBS	T1270	0503	35032	2772			14920													
		ST0	1300	0495	3503	2773	0005301		14922													
		ST0	1400	0469	3503	2775	0005082		14928													
		ST0	1500	0440	3502	2778	0004896		14935													
	033	OBS	1500	0428	35019	2779			14943													
		ST0	1700	0409	3501	2781	0004695		14962													
		ST0	2000	0381	3500	2783	0004600		14992													
	033	OBS	T2131	0368																		
		ST0	2500	0335	3498	2786	0004491		15058													
	033	OBS	2669	0321	34971	2786			15081													
		ST0	3000	0293	3494	2787	0004446		15126													
	033	OBS	T211	0279	34938	2788			15156													
	033	OBS	T3749	0254	34955	2771			15240													

TABLE IX. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 12-14 December 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8032.—Continued

REFERENCE		SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	WAGS CODE		STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF TEMPL'S	WAVE OBSERVATIONS			WEATHER CODE	CLOUD CODES	NODC STATION NUMBER	
CTRY CODE	ID NO.				10	11	MO	DAY	HR		1/10	CRUISE NO.			STATION NUMBER	DIR	HGT				PER
318032	RC		31545N	068562W	115	18	12	13	093	1967	A65	012	5103		23	2	2	X1	0	3	0014
		WATER		WIND		BARO-METER		AIR TEMP °C				NO. OBS. DEPTHS		SPECIAL OBSERVATIONS							
		COLOR CODE		WAVE DIR.		SPEED OR FORCE		WET BULB		VIS CODE											
		DT		SD		25		512		218		226		219							
MISSING TIME HR 1/10	CASST NO.	CARD TYPE	DEPTH (M)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME AND H ₂ O 10 ⁻³	S Δ σ _T M x 10 ⁻³	SOUND VELOCITY	O ₂ ml/l	PO ₂ -P μg · ml ⁻¹	TOTAL-P μg · ml ⁻¹	NO ₂ -N μg · ml ⁻¹	NO ₃ -N μg · ml ⁻¹	SiO ₄ -Si μg · ml ⁻¹	PH	CHL				
		STO	0000	2176	3651	2545	0025353	0000	15280												
		OBS	0000	2176	36514	2545			15286												
		STO	0010	2174	3652	2546	0025328	0025	15287												
		OBS	0010	2174	36516	2546			15287												
		STO	0020	2174	3652	2546	0025366	0050	15288												
		OBS	0020	2174	36516	2546			15288												
002		STO	0030	2175	3652	2546	0025432	0076	15290												
		OBS	0030	2175	36515	2546			15290												
		STO	0050	2172	3651	2547	0025437	0127	15293												
		OBS	0050	2172	36515	2547			15293												
		STO	0075	2169	3652	2548	0025433	0190	15296												
		OBS	0075	2169	36517	2548			15296												
		STO	0100	2161	3654	2551	0025184	0253	15298												
		OBS	0100	2161	36536	2551			15298												
		STO	0125	2031	3662	2593	0021296	0311	15269												
		OBS	0125	2031	36618	2593			15269												
		STO	0150	1959	3659	2610	0019748	0363	15253												
		OBS	0150	1959	36592	2610			15253												
		STO	0175	1912	36585	2622			15244												
		OBS	0175	1912	36585	2622			15244												
		STO	0200	1898	3659	2626	0018450	0458	15245												
		OBS	0200	1898	36587	2626			15245												
		STO	0250	1872	3657	2631	0018078	0550	15245												
		OBS	0250	1872	36575	2631			15245												
		STO	0300	1839	3655	2638	0017636	0639	15244												
		OBS	0300	1839	36549	2638			15244												
		STO	0400	1779	3650	2649	0016869	0811	15242												
		OBS	0400	1779	36502	2649			15242												
		STO	0500	1741	3643	2653	0016811	0980	15247												
		OBS	0500	1741	36432	2653			15247												
		STO	0600	1667	3628	2659	0016510	1146	15240												
		OBS	0600	1667	36278	2659			15240												
		STO	0700	1468	3593	2677	0014891	1303	15190												
		OBS	0700	1468	35927	2677			15190												
		STO	0800	1294	3564	2692	0013613	1446	15146												
		OBS	0800	1294	35637	2692			15146												
		STO	0900	1073	3533	2710	0011809	1573	15082												
		OBS	0900	1073	35328	2710			15082												
		STO	1000	0853	3510	2729	0009785	1681	15015												
		OBS	1000	0853	35103	2729			15015												
		STO	1022	0799	35082	2736			14998												
		OBS	1035	0799	35075	2735			15000												
		STO	1100	0654	3500	2750	0007571	1768	14954												
		OBS	1100	0654	34998	2750			14954												
		STO	1168	0549	34977	2762			14923												
		OBS	1200	0536	3498	2764	0006151	1836	14923												
		STO	1200	0536	34977	2764			14923												
		OBS	1261	0507	34997	2769			14922												
		STO	1300	0478	3498	2771	0005444	1874	14916												
		OBS	1300	0478	34979	2771			14916												
		STO	1400	0454	3499	2774	0005130	1947	14923												
		OBS	1400	0454	34992	2774			14923												
		STO	1500	0427	3498	2777	0004926	1948	14928												
		OBS	1500	0427	34984	2777			14928												

TABLE X. Observed and interpolated oceanographic data taken by USCGC MENDOTA, 8-10 April 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1262.

REFERENCE CITE CODE	SHIP ID. NO.	SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	MARSSEN SQUARE	STATION TIME (GMT)				YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLE	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER		
						TO	1'	MO	DAY		HEI/10	CRUISE NO.			STATION NUMBER	DIR	HGT				PER	SEA
311262	ME		31545N	065252W	115	15	05	07	098	1968	A66	001	4847	15	02		2	X8	6	8	0019	
					WATER		WIND		BARO- METER		AIR TEMP °C		NO. OBS. DEPTH		SPECIAL OBSERVATIONS							
					COLOR CODE	TRAN- SP	DIR.	SPEED OF FORCE	DIR.	WET BULB	WET BULB	WET BULB	WET BULB	WET BULB	WET BULB	WET BULB	WET BULB	WET BULB	WET BULB	WET BULB	WET BULB	WET BULB
						02	511	213	200	200	5	14										
MESSAGE TIME HR 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPEED VOLUME AND MAX. SPEED	S D OTN. M E 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P µg - ml/l	TOTAL-P µg - ml/l	NO ₂ -N µg - ml/l	NO ₃ -N µg - ml/l	SiO ₄ -Si µg - ml/l	pH	S C C					
		STD	0000	2014	3656	2593	0020822	0000	15243													
098		OBS	0000	2014	36558	2593			15243													
		STD	0010	2011	3662	2598	0020340	0021	15245													
		STD	0020	2008	3666	2602	0020017	0041	15246													
098		OBS	0025	2007	36679	2604			15247													
		STD	0030	2000	3668	2606	0019697	0061	15246													
		STD	0050	1971	3669	2614	0018998	0099	15241													
098		OBS	0051	1970	36686	2614			15241													
		STD	0075	1935	3666	2622	0018351	0146	15235													
098		OBS	0076	1934	36663	2622			15235													
		STD	0100	1904	3663	2627	0017923	0191	15230													
098		OBS	0101	1903	36628	2627			15230													
		STD	0125	1862	3659	2635	0017255	0235	15222													
		STD	0150	1832	3656	2640	0016886	0278	15217													
098		OBS	0152	1830	36553	2640			15217													
		STD	0200	1811	3653	2644	0016717	0362	15219													
098		OBS	0202	1810	36533	2644			15219													
		STD	0250	1800	3650	2644	0016880	0446	15224													
		STD	0300	1783	3646	2645	0016907	0530	15227													
		STD	0400	1724	3639	2654	0016364	0697	15225													
098		OBS	T0403	1722	36390	2654			15225													
		STD	0500	1636	3623	2663	0015825	0858	15213													
098		OBS	0505	1630	36216	2663			15212													
		STD	0600	1475	3594	2677	0014654	1010	15176													
098		OBS	T0606	1464	35919	2678			15173													
		STD	0700	1230	3555	2698	0012709	1147	15107													
		STD	0800	1005	3527	2717	0010780	1264	15041													
098		OBS	0810	0984	35251	2719			15034													
		STD	0900	0789	3515	2743	0008219	1359	14975													
		STD	1000	0631	3508	2760	0006486	1433	14929													
098		OBS	T1007	0622	35071	2760			14927													
		STD	1100	0582	3504	2763	0006211	1496	14926													
		STD	1200	0541	3502	2766	0005904	1557	14926													
098		OBS	1265	0515	35010	2769			14926													
		STD	1300	0502	3501	2770	0005573	1614	14926													
		STD	1400	0464	3500	2774	0005211	1668	14927													
		STD	1500	0429	3499	2777	0004894	1719	14929													
098		OBS	T1516	0424	34991	2777			14930													

TABLE X. Observed and interpolated oceanographic data taken by USCGC MENDOTA, 8-10 April 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1262.—Continued

REFERENCE CIR CODE	SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	# OBS	MARENG SQUARE		STATION TIME IGMT?			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPL.	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES		NODC STATION NUMBER
					10'	1'	MO	DAY	HR		MIN	CRUISE NO.			STATION NUMBER	DR	HGT		PER	SEA	
311262	ME	31525N	070040W	116	10	05	08	054	1968	A66	004	5212	17	33	3	2	X2	6	8	0022	
				WATER		WIND		BARO- METER		AIR TEMP. °C		NO. OBS. DEPTH		SPECIAL OBSERVATIONS							
				COLOR CODE	TRAN- SP.	DIR.	IMP. OR FORCE	METER IMBET	DRY BULB	WET BULB	VS CODE										
				06	517		284	183	167	7	14										
RESIDUAL TIME HR 1/10	CASIT NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-30°	S Δ D DTN. M. ± 10 ²	SOUND VELOCITY	O ₂ M/L	PO ₄ -P μg - μl/l	TOTAL-P μg - μl/l	NO ₃ -N μg - μl/l	NO ₂ -N μg - μl/l	SiO ₄ -S μg - μl/l	pH	1 C C				
		STO	0000	2087	3655	2573	0022744	0000	15263												
	054	OBS	0000	2087	36551	2573			15263												
		STD	0010	2087	3655	2573	0022789	0023	15264												
		STO	0020	2087	3655	2573	0022827	0046	15266												
	054	OBS	0029	2087	36549	2573			15268												
		STO	0030	2080	3655	2575	0022684	0068	15266												
		STO	0050	1969	3655	2604	0019932	0111	15239												
	054	OBS	0057	1944	36555	2611			15234												
		STO	0075	1928	3658	2617	0018786	0159	15232												
	054	OBS	0086	1918	36589	2621			15232												
		STO	0100	1902	3658	2624	0018235	0206	15229												
	054	OBS	0115	1889	36579	2627			15228												
		STO	0125	1889	3659	2628	0017934	0251	15230												
		STO	0150	1886	3660	2630	0017878	0296	15233												
	054	OBS	0170	1882	36610	2631			15235												
		STO	0200	1871	3660	2634	0017689	0385	15237												
	054	OBS	10226	1861	36586	2635			15238												
		STO	0250	1852	3658	2637	0017547	0473	15240												
		STO	0300	1831	3656	2641	0017358	0560	15242												
		STO	0400	1789	3650	2646	0017124	0732	15245												
	054	OBS	10446	1769	36472	2649			15247												
		STO	0500	1757	3645	2651	0017057	0903	15252												
	054	OBS	0565	1714	36373	2655			15249												
		STD	0600	1676	3630	2659	0016561	1071	15242												
	054	OBS	10670	1578	36120	2668			15222												
		STO	0700	1506	3599	2674	0015261	1230	15203												
		STD	0800	1276	3563	2695	0013298	1373	15140												
	054	OBS	0893	1074	35365	2713			15082												
		STO	0900	1056	3535	2715	0011334	1496	15076												
		STO	1000	0833	3517	2738	0008961	1598	15009												
		STO	1100	0665	3505	2753	0007353	1679	14959												
	054	OBS	11108	0654	35038	2753			14956												
		STO	1200	0595	3504	2761	0006537	1749	14948												
		STO	1300	0540	3504	2768	0005858	1811	14942												
	054	OBS	1399	0497	35042	2773			14941												
		STO	1400	0497	3504	2773	0005374	1867	14941												
		STO	1500	0463	3503	2776	0005082	1919	14944												
	054	OBS	11699	0428	35001	2778			14963												

TABLE X. Observed and interpolated oceanographic data taken by USCGC MENDOTA, 8-10 April 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1262.—Continued

REFERENCE CRUISE NO.	SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	MARSDEN SQUARE ID ^a T ^b	STATION TIME (GMT)			YEAR	ORIGINATOR'S STATION		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLE ^c	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES T ^d A ^e M ^f	NODC STATION NUMBER		
					MO	DAY	HR. 1/10		CRUISE NO.	STATION NUMBER			DIR.	HGT.	PER.				SEA	
311262	ME	32142N	070431W	116	20	05	08	086	1968	A66	005	5212	16	00		3	X1	8	6	0023
				WATER		WIND		BARO-		AIR TEMP. °C		NO. OBS.		SPECIAL						
				COLOR		DIR.		METER		DRY		OBS.		OBSERVATIONS						
				TRANS		SPEED		(mbr)		BULB		DEPTH								
				516		516		284		183		167		8						
MESSAGE TIME NR. 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY (δ _t)	Σ Δ σ DTM, M. ± 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₃ -N μg - ml/l	NO ₂ -N μg - ml/l	SiO ₄ -Si μg - ml/l	pH	ST C			
	086	STO	0000	2105	3643	2559	0024065	0000	15266											
		OBS	0000	2105	36433	2559			15266											
		STO	0010	2107	3643	2558	0024145	0024	15268											
		STO	0020	2108	3643	2558	0024232	0048	15270											
	086	OBS	0025	2109	36432	2558			15271											
		STO	0030	2083	3644	2565	0023557	0072	15265											
		STO	0050	2001	3650	2592	0021099	0117	15247											
	086	OBS	0050	2001	36500	2592			15247											
		STO	0075	1952	3658	2611	0019360	0167	15239											
		OBS	0075	1952	36583	2611			15239											
	086	STO	0100	1914	3654	2618	0018791	0215	15232											
		OBS	0100	1914	36544	2618			15232											
		STO	0125	1909	3659	2623	0018425	0262	15235											
		STO	0150	1902	3662	2627	0018126	0307	15238											
	086	OBS	0150	1902	36620	2627			15238											
		STO	0200	1879	3660	2632	0017873	0397	15239											
	086	OBS	T0201	1878	36596	2631			15239											
		STO	0250	1857	3658	2636	0017669	0486	15241											
		STO	0300	1836	3656	2639	0017479	0574	15243											
	086	OBS	T0395	1795	36505	2645			15246											
		STO	0400	1794	3650	2645	0017244	0748	15247											
	086	OBS	0495	1751	36428	2650			15249											
		STO	0500	1748	3642	2650	0017060	0919	15249											
	086	OBS	T0598	1664	36274	2659			15238											
		STO	0600	1661	3627	2660	0016429	1087	15238											
		STO	0700	1485	3593	2674	0015235	1245	15195											
	086	OBS	0799	1297	35635	2691			15147											
		STO	0800	1294	3563	2691	0013662	1389	15146											
		STO	0900	1059	3534	2713	0011462	1515	15077											
		STO	1000	0863	3514	2731	0009678	1621	15020											
	086	OBS	T1010	0846	35123	2732			15015											
		STO	1100	0713	3508	2748	0007867	1708	14978											
		STO	1200	0597	3504	2761	0006559	1781	14948											
	086	OBS	1281	0529	35020	2768			14934											
		STO	1300	0525	3501	2768	0005865	1843	14935											
		STO	1400	0501	3499	2769	0005795	1901	14942											
		STO	1500	0477	3498	2771	0005644	1958	14949											
	086	OBS	T1556	0464	34975	2772			14953											

TABLE X. Observed and interpolated oceanographic data taken by USCGC MENDOTA, 8-10 April 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1262.—Continued

REFERENCE CURT CODE	SHIP ID. NO.	LATITUDE 1/10	LONGITUDE 1/10	STATION NO.	MARSDEN SQUARE		STATION TIME (GMT)		YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLE	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES TTH AMT	NODC STATION NUMBER										
					10'	1'	MO	DAY		HR	MIN			CRUISE NO.	STATION NUMBER	DIR				HGT	PER	SIA							
311262	ME	32512N	071365W	116	21	05	08	142	1968	A66	006	5212	16	34	2	2	X1	8	5	0024									
				WATER		WIND		BARO- METER		AIR TEMP. °C		SPECIAL OBSERVATIONS																	
				COLOR CODE	TRANL M	DIR. M	SPEED OF FORCE	DIR. M	WET BULL	WET BULL	VIL CODE	NO. OF DEPTHS																	
				05	515	305	178	128	8	14																			
MISSING TIME HR 1/10	CAST NO.	CARD TYPE	DEPTH (M)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-20°	Σ Δ D DTM (M x 10 ³)	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₃ -N μg - ml/l	NO ₂ -N μg - ml/l	SiO ₄ -Si μg - ml/l	pH	S C												
		STD	0000	2100	3645	2561	0023834	0000	15265																				
142		OBS	0000	2100	36447	2561			15265																				
		STD	0010	2097	3645	2562	0023777	0024	15266																				
		STD	0020	2094	3646	2564	0023670	0048	15267																				
142		OBS	0025	2093	36467	2565			15268																				
		STD	0030	2088	3647	2566	0023469	0071	15267																				
142		OBS	0049	2051	36503	2579			15261																				
		STD	0050	2046	3650	2580	0022216	0117	15260																				
142		OBS	0074	1956	36538	2607			15239																				
		STD	0075	1955	3654	2607	0019746	0169	15239																				
142		OBS	0099	1940	36626	2618			15240																				
		STD	0100	1939	3663	2618	0018817	0217	15240																				
		STD	0125	1916	3662	2623	0018417	0264	15238																				
142		OBS	0148	1900	36606	2627			15237																				
		STD	0150	1899	3661	2627	0018153	0310	15237																				
142		OBS	0199	1884	36606	2631			15241																				
		STD	0200	1884	3661	2631	0017971	0400	15241																				
		STD	0250	1861	3658	2634	0017803	0489	15242																				
		STD	0300	1836	3655	2638	0017587	0578	15243																				
		STD	0400	1779	3648	2648	0017000	0751	15242																				
142		OBS	T0400	1779	36484	2648			15242																				
		STD	0500	1714	3637	2655	0016618	0919	15238																				
142		OBS	0504	1710	36363	2655			15238																				
		STD	0600	1593	3615	2667	0015741	1081	15215																				
142		OBS	T0608	1581	36130	2668			15213																				
		STD	0700	1369	3577	2686	0013922	1229	15156																				
		STD	0800	1144	3545	2706	0012021	1359	15092																				
142		OBS	0820	1100	35400	2711			15080																				
		STD	0900	0895	3522	2732	0009444	1466	15016																				
		STD	1000	0694	3505	2749	0007641	1552	14954																				
142		OBS	T1033	0641	35016	2753			14938																				
		STD	1100	0585	3501	2760	0006474	1622	14926																				
		STD	1200	0516	3500	2768	0005703	1683	14915																				
		STD	1300	0465	3499	2773	0005193	1737	14911																				
142		OBS	1305	0463	34986	2773			14911																				
		STD	1400	0448	3498	2774	0005136	1789	14920																				
		STD	1500	0432	3498	2776	0005018	1840	14930																				
142		OBS	T1985	0418	34977	2777			14939																				

REFERENCE CURT CODE	SHIP ID. NO.	LATITUDE 1/10	LONGITUDE 1/10	STATION NO.	MARSDEN SQUARE		STATION TIME (GMT)		YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLE	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES TTH AMT	NODC STATION NUMBER										
					10'	1'	MO	DAY		HR	MIN			CRUISE NO.	STATION NUMBER	DIR				HGT	PER	SIA							
311262	ME	33117N	072067W	116	32	05	08	171	1968	A66	007	3310	15	05	3		X1	8	5	0025									
				WATER		WIND		BARO- METER		AIR TEMP. °C		SPECIAL OBSERVATIONS																	
				COLOR CODE	TRANL M	DIR. M	SPEED OF FORCE	DIR. M	WET BULL	WET BULL	VIL CODE	NO. OF DEPTHS																	
				05	509	318	188	133	7	14																			
MISSING TIME HR 1/10	CAST NO.	CARD TYPE	DEPTH (M)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-20°	Σ Δ D DTM (M x 10 ³)	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₃ -N μg - ml/l	NO ₂ -N μg - ml/l	SiO ₄ -Si μg - ml/l	pH	S C												
		STD	0000	1959	3651	2604	0019788	0000	15228																				
		OBS	0000	1959	36510	2604			15228																				
		STD	0010	1955	3650	2604	0019808	0020	15228																				
		STD	0020	1952	3649	2604	0019825	0040	15229																				
171		OBS	0022	1951	36488	2604			15229																				
		STD	0030	1950	3649	2605	0019826	0059	15230																				
171		OBS	0045	1949	36494	2605			15232																				
		STD	0050	1941	3650	2608	0019625	0099	15231																				
171		OBS	0069	1920	36502	2613			15228																				
		STD	0075	1918	3651	2615	0019046	0147	15229																				
171		OBS	0092	1912	36542	2619			15230																				
		STD	0100	1905	3654	2621	0018570	0194	15230																				
		STD	0125	1887	3655	2626	0018160	0240	15229																				
171		OBS	0139	1879	36556	2628			15229																				
		STD	0150	1875	3656	2629	0017898	0285	15230																				
171		OBS	T0187	1861	36570	2634			15232																				
		STD	0200	1859	3657	2634	0017614	0374	15233																				
		STD	0250	1848	3657	2637	0017523	0462	15238																				
		STD	0300	1832	3655	2640	0017454	0549	15242																				
171		OBS	T0371	1798	36506	2645			15243																				
		STD	0400	1780	3648	2647	0017053	0722	15242																				
171		OBS	0467	1734	36399	2652			15239																				
		STD	0500	1715	3636	2654	0016714	0891	15238																				
171		OBS	T0563	1653	36249	2660			15229																				
		STD	0600	1584	3611	2666	0015827	1053	15212																				
		STD	0700	1385	3577	2683	0014255	1204	15161																				
		OBS	0754	1270	35606	2694			15130																				
		STD	0800	1144	3545	2706	0012021	1335	15092																				
		STD	0900	0909	3519	2727	0009900	1445	15021																				
171		OBS	T0948	0814	35102	2735			14992																				
		STD	1000	0733	3508	2746	0008004	1534	14969																				
		STD	1100	0606	3504	2760	0006534	1607	14935																				
		STD	1200	0513	3500	2768	0005633	1668	14914																				
171		OBS	1202	0512	35003	2768			14914																				
		STD	1300	0486	3500	2771	0005402	1723	14920																				
		STD	1400	0459	3500	2774	0005173	1776	14925																				
171		OBS	T1464	0442	34994	2776			14929																				

TABLE X. Observed and interpolated oceanographic data taken by USCGC MENDOTA, 8-10 April 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1262.—Continued

REFERENCE SHIP CODE	ID. NO.	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	MARSSEN SQUARE	STATION TIME GMT	YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	WAVE DEPTH OF SAMPLING	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER									
								CRUISE NO.	STATION NUMBER			DIR	PER SEC	SEA												
					10"	1"	MO	DAY	HR	1/10	AIR TEMP °C		VIS CODE	NO. OBS. DEPTHS	SPECIAL OBSERVATIONS											
WATER		WIND		BARO- METER		AIR TEMP °C		VIS CODE		SPECIAL OBSERVATIONS																
COLOR CODE		TRAIL DIR		SPEED OR FORCE		METER (mm)		WET BULB		SPECIAL OBSERVATIONS																
06		513		318		183		161		8		14														
311262	ME	33301N	072357W	116	32	05	08	200	1968	A66	008	5030	13	07	2	2	X1	8	6	0026						
MESSAGE TIME HR 1/10	CAS NO	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY- σ_{θ}	$\Delta \rho$ DYN. M $\times 10^3$	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P µg-at/l	TOTAL-P µg-at/l	NO ₂ -N µg-at/l	NO ₃ -N µg-at/l	SiO ₄ -S µg-at/l	pH	S CODE									
		STO	0000	2444	3616	2441	0035310	0000	15348																	
		OBS	0000	2444	36160	2441			15348																	
		STO	0010	2445	3616	2440	0035391	0035	15350																	
		STO	0020	2447	3616	2440	0035469	0071	15352																	
		OBS	0022	2447	36160	2440			15352																	
		STO	0030	2447	3616	2440	0035517	0106	15354																	
		OBS	0043	2447	36161	2440			15356																	
		STO	0050	2401	3629	2463	0033349	0175	15347																	
		OBS	0063	2318	36475	2502			15331																	
		STO	0075	2238	3655	2531	0027049	0251	15314																	
		OBS	0082	2200	36582	2544			15306																	
		STO	0100	2161	3665	2560	0024355	0315	15300																	
		OBS	0123	2116	36705	2577			15292																	
		STO	0125	2113	3670	2577	0022822	0374	15292																	
		STO	0150	2073	3669	2587	0021944	0430	15285																	
		OBS	T0162	2054	36685	2592			15282																	
		STO	0200	1981	3665	2609	0020061	0535	15268																	
		STO	0250	1902	3660	2626	0018628	0632	15254																	
		STO	0300	1843	3656	2638	0017648	0722	15245																	
		OBS	T0314	1830	36548	2640			15244																	
		OBS	0344	1786	36489	2646			15243																	
		STO	0400	1784	3648	2646	0017134	0896	15244																	
		OBS	T0478	1773	36394	2652			15240																	
		STO	0500	1699	3633	2655	0016556	1065	15233																	
		STO	0600	1527	3602	2672	0015209	1223	15193																	
		OBS	0652	1424	35852	2681			15167																	
		STO	0700	1299	3566	2692	0013283	1366	15131																	
		STO	0800	1063	3534	2713	0011313	1489	15062																	
		OBS	T0840	0978	35244	2720			15037																	
		STO	0900	0849	3516	2734	0009116	1591	14998																	
		STO	1000	0675	3505	2751	0007355	1673	14946																	
		OBS	T0849	0562	34983	2761			14915																	
		STO	1100	0558	3498	2761	0006286	1742	14915																	
		STO	1200	0518	3498	2766	0005867	1802	14916																	
		STO	1300	0479	3498	2771	0005447	1859	14916																	
		OBS	T1348	0460	34980	2773			14917																	

REFERENCE SHIP CODE	ID. NO.	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	MARSSEN SQUARE	STATION TIME GMT	YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	WAVE DEPTH OF SAMPLING	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER									
								CRUISE NO.	STATION NUMBER			DIR	PER SEC	SEA												
					10"	1"	MO	DAY	HR	1/10	AIR TEMP °C		VIS CODE	NO. OBS. DEPTHS	SPECIAL OBSERVATIONS											
WATER		WIND		BARO- METER		AIR TEMP °C		VIS CODE		SPECIAL OBSERVATIONS																
COLOR CODE		TRAIL DIR		SPEED OR FORCE		METER (mm)		WET BULB		SPECIAL OBSERVATIONS																
07		515		315		183		144		8		14														
311262	ME	33480N	073045W	116	33	05	08	232	1968	A66	009	4755	11	04	3	X1	8	6	0027							
		STO	0000	2465	3613	2432	0036151	0000	15353																	
		OBS	0000	2465	36127	2432			15353																	
		STO	0010	2467	3613	2431	0036255	0036	15355																	
		STO	0020	2468	3612	2431	0036349	0073	15357																	
		OBS	0024	2469	36123	2430			15357																	
		STO	0030	2452	3619	2441	0035445	0108	15355																	
		OBS	0049	2379	36359	2475			15343																	
		STO	0050	2372	3636	2477	0032026	0176	15341																	
		STO	0075	2236	3649	2526	0027442	0250	15313																	
		OBS	0075	2236	36488	2526			15313																	
		OBS	0099	2159	36599	2557			15298																	
		STO	0100	2157	3660	2557	0024609	0315	15298																	
		STO	0125	2103	3665	2576	0022920	0375	15289																	
		OBS	0148	2046	36661	2592			15277																	
		STO	0150	2039	3666	2594	0021283	0430	15276																	
		OBS	T0197	1904	36604	2625			15246																	
		STO	0200	1901	3660	2626	0018425	0529	15246																	
		STO	0250	1853	3654	2634	0017861	0620	15239																	
		STO	0300	1803	3647	2641	0017334	0708	15233																	
		OBS	T0370	1728	36356	2650			15221																	
		STO	0400	1717	3634	2652	0016576	0877	15222																	
		OBS	0454	1631	36193	2661			15204																	
		STO	0500	1462	3590	2677	0014372	1032	15155																	
		OBS	T0532	1356	35720	2685			15123																	
		STO	0600	1172	3546	2702	0011997	1164	15069																	
		OBS	0674	0999	35251	2717			15017																	
		STO	0700	0945	3520	2722	0010041	1274	15001																	
		OBS	T0799	0769	35064	2739			14950																	
		STO	0800	0767	3506	2739	0008362	1366	14949																	
		STO	0900	0635	3503	2755	0006769	1442	14913																	
		OBS	0966	0564	35007	2762			14898																	
		STO	1000	0542	3500	2765	0005820	1505	14892																	
		STO	1100	0487	3499	2770	0005271	1560	14886																	
		OBS	T1135	0477	34987	2771			14888																	

TABLE X. Observed and interpolated oceanographic data taken by USCGC MENDOTA, 8-10 April 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1262. —Continued

REFERENCE	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	WASDEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF 'EMPL'S	WAVE OBSERVATIONS			WEATHER CODE	CLOUD CODES	NODC STATION NUMBER				
					MO	DAY	HR:1/10		CAUSE NO.	STATION NUMBER			DIR	HGT	PER				SEA			
CTRY CODE	ID. NO.				10'	1'																
311262	ME	34064N	073320W		116	43	05	024	1968	A66	010	4298	16	03	2	2	X1	8	2	0028		
				WATER		WIND		BARO-METER		AIR TEMP. °C		NO. OBS. DEPTHS		SPECIAL OBSERVATIONS								
				COLOR CODE		DIR.		WET BULB		WET BULB		WET BULB										
				08		S13		318		183		128		8		14						
MISSING TIME 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-20°	S Δ D (m)	SOUND VELOCITY	D ₂ m/s	PO ₂ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₂ -N μg - ml/l	NO ₃ -N μg - ml/l	SiO ₂ -S μg - ml/l	pH	SEC					
		STO	0000	2418	3614	2447	0034719	0000	15342													
	024	OBS	0000	2418	36139	2447			15342													
		STO	0010	2418	3613	2447	0034784	0035	15343													
		STO	0020	2417	3613	2447	0034842	0070	15345													
	024	OBS	0026	2417	36127	2446			15345													
		STO	0030	2392	3618	2458	0033807	0104	15341													
		STO	0050	2285	3640	2506	0029317	0167	15320													
	024	OBS	0051	2280	36408	2508			15319													
		STO	0075	2188	3653	2543	0025845	0236	15301													
	024	OBS	0077	2182	36536	2545			15300													
		STO	0100	2123	3663	2569	0023494	0298	15290													
	024	OBS	0103	2115	36643	2572			15288													
		STO	0125	2047	3664	2591	0021518	0354	15274													
		STO	0150	1985	3664	2607	0020037	0406	15261													
	024	OBS	0155	1975	36642	2610			15259													
		STO	0200	1917	3664	2625	0018531	0502	15251													
	024	OBS	10209	1906	36632	2627			15249													
		STO	0250	1890	3662	2630	0018188	0594	15251													
		STO	0300	1859	3659	2636	0017821	0684	15250													
		STO	0400	1763	3645	2649	0016865	0858	15237													
	024	OBS	10422	1735	36402	2652			15232													
		STO	0500	1622	3620	2664	0015723	1020	15208													
	024	OBS	0510	1566	36104	2669			15195													
		STO	0600	1399	3579	2682	0014125	1170	15150													
	024	OBS	10638	1308	35645	2689			15124													
		STO	0700	1133	3551	2713	0011140	1296	15073													
		STO	0800	0895	3533	2740	0008447	1394	15001													
	024	OBS	0855	0787																		
		STO	0900	0719	3519	2756	0006838	1470	14949													
		STO	1000	0593	3508	2765	0005941	1534	14914													
	024	OBS	11072	0524	35021	2768			14897													
		STO	1100	0511	3501	2769	0005445	1591	14897													
		STO	1200	0469	3500	2773	0005067	1644	14896													
		STO	1300	0438	3498	2775	0004906	1694	14900													
	024	OBS	1343	0427	34978	2776			14902													
		STO	1400	0416	3497	2777	0004786	1742	14907													
		STO	1500	0403	3497	2778	0004707	1790	14918													
	024	OBS	11615	0401	34970	2778			14937													

TABLE X. Observed and interpolated oceanographic data taken by USCGC MENDOTA, 8-10 April 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1262.—Continued

REFERENCE CRUISE CODE	SHIP ID. NO.	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	DEPTH M	MARSDEN SQUARE		STATION TIME IGMT			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPL.	WAVE OBSERVATIONS			WEA- THES CODE	CLOUD CODES	NODC STATION NUMBER	
						10'	1"	MO	DAY	HR		MIN	SEC			CRUISE NO.	STATION NUMBER	DIR				HGT
311262	ME		34272N	074154W	116	44	05	09	054	1968	A66	011	3658	16	04	2	12	X1	8	2	0029	
						WATER		WIND		BARO- METER		AIR TEMP °C		VIS		NO. OBS DEPTHS		SPECIAL OBSERVATIONS				
						COLOR	TRANSP	DIR	SPEED OR FORCE	DRY BULB	WET BULB	WET BULB	WET BULB	WET BULB	WET BULB	WET BULB	WET BULB	WET BULB	WET BULB	WET BULB	WET BULB	WET BULB
						12	508	315	178	133	8	14										
MISSING TIME HR 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY- σ_{θ}	$\Sigma \Delta D$ DYN. M. $\times 10^3$	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P $\mu g - ml/l$	TOTAL-P $\mu g - ml/l$	NO ₂ -N $\mu g - ml/l$	NO ₃ -N $\mu g - ml/l$	SiO ₄ -Si $\mu g - ml/l$	pH	S C					
	054	STD	0000	2313	3623	2485	0031088	0000	15317													
		OBS	0000	2313	36234	2485			15317													
		STD	0010	2303	3624	2488	0030808	0031	15316													
		STD	0020	2292	3625	2492	0030473	0062	15315													
	054	OBS	0027	2284	36263	2496			15315													
		STD	0030	2282	3628	2498	0030021	0092	15315													
		STD	0050	2258	3634	2509	0029010	0151	15313													
	054	OBS	0054	2250	36355	2512			15312													
		STD	0075	2190	3639	2532	0026908	0221	15300													
	054	OBS	0082	2167	36408	2540			15296													
		STD	0100	2096	3646	2563	0024014	0284	15281													
	054	OBS	0108	2068	36486	2573			15275													
		STD	0125	2024	3656	2590	0021527	0341	15267													
		STD	0150	1971	3663	2610	0019770	0393	15257													
	054	OBS	0162	1950	36652	2617			15254													
		STD	0200	1914	3664	2626	0018457	0489	15250													
	054	OBS	T0220	1896	36628	2629			15248													
		STD	0250	1879	3662	2633	0017918	0579	15248													
		STD	0300	1849	3659	2638	0017578	0668	15247													
		STD	0400	1782	3651	2649	0016884	0841	15243													
	054	OBS	T0435	1757	36466	2652			15241													
		STD	0500	1751	3645	2652	0016915	1010	15250													
	054	OBS	0542	1674	36311	2660			15232													
		STD	0600	1406	3583	2683	0013982	1164	15152													
	054	OBS	T0653	1192	35488	2700			15085													
		STD	0700	1032	3536	2720	0010387	1286	15035													
		STD	0800	0759	3515	2747	0007579	1376	14947													
	054	OBS	0867	0627	35052	2758			14905													
		STD	0900	0599	3505	2761	0006111	1444	14899													
		STD	1000	0527	3503	2769	0005396	1502	14887													
	054	OBS	T1083	0481	35015	2773			14881													
		STD	1100	0476	3501	2773	0004978	1554	14882													
		STD	1200	0449	3500	2775	0004803	1602	14888													
		STD	1300	0427	3499	2777	0004688	1650	14895													
	054	OBS	1355	0417	34987	2778			14900													
		STD	1400	0410	3498	2778	0004634	1696	14905													
		STD	1500	0397	3498	2779	0004554	1742	14916													
	054	OBS	T1625	0388	34967	2779			14933													

REFERENCE CRUISE CODE	SHIP ID. NO.	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	DEPTH M	MARSDEN SQUARE		STATION TIME IGMT			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPL.	WAVE OBSERVATIONS			WEA- THES CODE	CLOUD CODES	NODC STATION NUMBER	
						10'	1"	MO	DAY	HR		MIN	SEC			CRUISE NO.	STATION NUMBER	DIR				HGT
311262	ME		34423N	074322W	116	44	05	09	085	1968	A66	012	2972	06	07	07	2	X1	8	2	0030	
						WATER		WIND		BARO- METER		AIR TEMP °C		VIS		NO. OBS DEPTHS		SPECIAL OBSERVATIONS				
						COLOR	TRANSP	DIR	SPEED OR FORCE	DRY BULB	WET BULB	WET BULB	WET BULB	WET BULB	WET BULB	WET BULB	WET BULB	WET BULB	WET BULB	WET BULB	WET BULB	WET BULB
						10	508	315	178	133	8	14										
MISSING TIME HR 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY- σ_{θ}	$\Sigma \Delta D$ DYN. M. $\times 10^3$	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P $\mu g - ml/l$	TOTAL-P $\mu g - ml/l$	NO ₂ -N $\mu g - ml/l$	NO ₃ -N $\mu g - ml/l$	SiO ₄ -Si $\mu g - ml/l$	pH	S C					
	085	STD	0000	2556	3614	2405	0038690	0000	15374													
		OBS	0000	2556	36143	2405			15374													
		STD	0010	2557	3614	2405	0038762	0039	15376													
	085	OBS	0016	2558	36145	2405			15377													
		STD	0020	2558	3615	2405	0038802	0078	15378													
		STD	0030	2556	3614	2405	0038818	0116	15379													
	085	OBS	0033	2556	36144	2405			15380													
	085	OBS	0048	2556	36144	2405			15382													
		STD	0050	2555	3615	2406	0038844	0194	15382													
	085	OBS	0064	2548	36158	2409			15383													
		STD	0075	2486	3623	2433	0036322	0288	15371													
	085	OBS	0096	2366	36340	2478			15347													
		STD	0100	2343	3636	2486	0031411	0373	15342													
		STD	0125	2196	3642	2533	0027053	0446	15310													
	085	OBS	T0125	2196	36419	2533			15310													
		STD	0150	2002	3632	2578	0022793	0508	15262													
		STD	0200	1657	3607	2645	0016496	0606	15168													
	085	OBS	T0234	1456	35860	2675			15109													
		STD	0250	1365	3573	2684	0012877	0680	15080													
	085	OBS	0280	1226	35536	2697			15036													
		STD	0300	1160	3546	2704	0011035	0739	15016													
	085	OBS	T0317	1111	35398	2708			15001													
	085	OBS	0347	0964	35232	2721			14959													
		STD	0400	0957	3523	2722	0009401	0842	14957													
	085	OBS	T0476	0774	35111	2742			14899													
		STD	0500	0704	35009	2750	0006708	0922	14875													
	085	OBS	0562	0562	35026	2764			14828													
		STD	0600	0502	3497	2767	0005038	0981	14809													
	085	OBS	T0625	0473	34936	2768			14801													

TABLE X. Observed and interpolated oceanographic data taken by USCGC MENDOTA, 8-10 April 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1262.—Continued

REFERENCE		SNIP CODE	LATITUDE 1/10	LONGITUDE 1/10	STATION	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEATHER CODE	CLOUD CODES	NODC STATION NUMBER																																			
CRUISE NO.	STATION NUMBER					CRUISE NO.	STATION NUMBER	10'		1"	MO. DAY IN. 1/10			CRUISE NO.	STATION NUMBER	Dir				HGT	PER	SEA	TYPE	AMT																														
311262	ME		35028N	075056W	116	55	05	09	113	1968	A66	013	0530	05	14	2	2	X1	6	6	0031																																	
<table border="1"> <thead> <tr> <th colspan="4">WATER</th> <th colspan="3">WIND</th> <th colspan="3">BARO-METER</th> <th colspan="3">AIR TEMP. °C</th> <th rowspan="2">NO. OBS. DEPTHS</th> <th rowspan="2">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>COLOR CODE</th> <th>TEMP. (°C)</th> <th>DIR.</th> <th>SPEED OF FORCE</th> <th>DRY BULB</th> <th>WET BULB</th> <th>VIS. CODE</th> <th>NO. OBS. DEPTHS</th> <th>SPECIAL OBSERVATIONS</th> </tr> </thead> <tbody> <tr> <td></td> <td>16</td> <td>S04</td> <td>305</td> <td>194</td> <td>156</td> <td>8</td> <td>09</td> <td></td> </tr> </tbody> </table>																						WATER				WIND			BARO-METER			AIR TEMP. °C			NO. OBS. DEPTHS	SPECIAL OBSERVATIONS	COLOR CODE	TEMP. (°C)	DIR.	SPEED OF FORCE	DRY BULB	WET BULB	VIS. CODE	NO. OBS. DEPTHS	SPECIAL OBSERVATIONS		16	S04	305	194	156	8	09	
WATER				WIND			BARO-METER			AIR TEMP. °C			NO. OBS. DEPTHS	SPECIAL OBSERVATIONS																																								
COLOR CODE	TEMP. (°C)	DIR.	SPEED OF FORCE	DRY BULB	WET BULB	VIS. CODE	NO. OBS. DEPTHS	SPECIAL OBSERVATIONS																																														
	16	S04	305	194	156	8	09																																															
MESSAGE TIME OF HR 1/10	CASST NO.	CARD TYPE	DEPTH (M)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-σ _t	Δσ	SOUND VELOCITY	O ₂ (M/L)	PO ₄ -P (μg - liter)	TOTAL-P (μg - liter)	NO ₃ -N (μg - liter)	NO ₂ -N (μg - liter)	SiO ₄ -Si (μg - liter)	pH	SEC																																					
		STD	0000	2317	3635	2493	0030370	0000	15319																																													
	113	OBS	0000	2317	36349	2493			15319																																													
		STD	0010	2312	3635	2494	0030291	0030	15320																																													
		STD	0020	2307	3634	2495	0030219	0061	15320																																													
	113	OBS	0027	2304	36342	2496			15320																																													
		STD	0030	2282	3635	2503	0029502	0090	15316																																													
		STD	0050	2126	3642	2552	0024884	0145	15280																																													
	113	OBS	0052	2110	36429	2557			15276																																													
		STD	0075	1910	3639	2607	0019718	0201	15225																																													
	113	OBS	0079	1872	36366	2615			15215																																													
		STD	0100	1648	3616	2654	0015314	0244	15150																																													
	113	OBS	0105	1604	36120	2662			15137																																													
		STD	0125	1504	3598	2674	0013561	0280	15108																																													
		STD	0150	1384	3580	2686	0012464	0313	15071																																													
	113	OBS	0158	1347	35749	2689			15060																																													
		STD	0200	1158	3547	2705	0010676	0371	14999																																													
	113	OBS	T0212	1109	35401	2709			14983																																													
		STD	0250	0965	3531	2728	0008604	0419	14936																																													
		STD	0300	0805	3520	2744	0007048	0458	14883																																													
		STD	0400	0586	3497	2756	0005881	0523	14810																																													
	113	OBS	T0415	0565	34930	2756			14804																																													
	113	*STD	0485	0530	34927	2760	0005566	0571	14801																																													

TABLE XI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 7-10 October 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8060.

REFERENCE CITY CODE	SHIP CODE	LATITUDE ° ' 1/16	LONGITUDE ° ' 1/16	MARSSEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLE	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES		NODC STATION NUMBER
					MO	DAY	HR./10		CRUISE NO.	STATION NUMBER			DR	HGT	PER		SEA	TTN	
318060	EV	3155 N	065228W	115	15	10	06	203	1968	A67	001	4645	43	13	1	X1	0	3	0001
				WATER		WIND		BARO- METER		AIR TEMP °C		NO. OBS. DEPTH		SPECIAL OBSERVATIONS					
				COLOR CODE	TRANS MM	DIL.	SPED OF FORCE	DIR.	WIND DIR.	WIND SPEED (mkt)	DRY BULB	WET BULB	VIS CODE						
				OT	50	14	509			230	267	228	7	31					
MESSING TIME HR 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-20°	$\frac{\Delta \sigma}{\sigma}$ 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P µg - ml/l	TOTAL-P µg - ml/l	NO ₃ -N µg - ml/l	NO ₂ -N µg - ml/l	SI O ₄ -S µg - ml/l	PH	S CODE		
		STO	0000	2547	3636	2424	0036863	0000	15374										
	203	OBS	0000	2547	36360	2424			15374										
		STO	0010	2547	3635	2424	0036991	0037	15376										
		OBS	0010	2547	36348	2424			15376										
		STO	0020	2537	3636	2427	0036666	0074	15375										
	003	OBS	0020	2537	36358	2427			15375										
		STO	0030	2537	3636	2427	0036707	0110	15377										
		OBS	0030	2537	36358	2427			15377										
		STO	0050	2316	3655	2508	0029106	0176	15330										
		OBS	0050	2316	36548	2508			15330										
		STO	0075	2096	3661	2575	0022844	0241	15278										
		OBS	0075	2096	36609	2575			15278										
		STO	0100	1996	3661	2602	0020369	0495	15255										
		OBS	0100	1996	36609	2602			15255										
		STO	0125	1945	3657	2612	0019476	0345	15245										
		OBS	0125	1945	36568	2612			15245										
		STO	0150	1904	3657	2623	0018551	0393	15238										
		OBS	0150	1904	36568	2623			15238										
		STO	0200	1846	3656	2637	0017378	0482	15230										
		OBS	0200	1846	36559	2637			15230										
		STO	0250	1817	3654	2642	0017005	0568	15229										
		OBS	0250	1817	36538	2642			15229										
		STO	0300	1796	3649	2644	0017029	0653	15231										
		OBS	0300	1796	36489	2644			15231										
		STO	0400	1736	3641	2652	0016530	0821	15229										
		OBS	0400	1736	36408	2652			15229										
		STO	0500	1634	3619	2660	0016083	0984	15212										
		OBS	0500	1634	36188	2660			15212										
		STO	0600	1435	3581	2675	0014746	1138	15161										
		OBS	0600	1435	35807	2675			15161										
		STO	0700	1136	3540	2704	0012011	1272	15072										
		OBS	0700	1136	35398	2704			15072										
		STO	0800	0846	3508	2729	0009468	1380	14979										
		OBS	0800	0846	35080	2729			14979										
		STO	0900	0615	3501	2756	0006630	1460	14905										
		OBS	0900	0615	35010	2756			14905										
		STO	1000	0554	3503	2765	0005771	1522	14898										
		OBS	1000	0554	35029	2765			14898										
		STO	1100	0506	3503	2771	0005246	1577	14895										
		OBS	1100	0506	35028	2771			14895										
		STO	1200	0475	3503	2775	0004897	1628	14899										
		OBS	1200	0475	35034	2775			14899										
		STO	1300	0454	3503	2777	0004737	1676	14907										
		OBS	1300	0454	35032	2777			14907										
	215	OBS	T1356	0453	35031	2777			14916										
		STO	1400	0437	3503	2779	0004611	1723	14917										
		OBS	1400	0437	35032	2779			14917										
		STO	1500	0418	3502	2780	0004556	1769	14925										
		OBS	1500	0418	35018	2780			14925										
	215	STO	1750	0399	3501	2782	0004585	1883	14959										
		OBS	T1899	0385	35003	2783			14979										
		STO	2000	0373	3500	2784	0004511	1997	14991										
	215	OBS	2426	0323	34967	2786			15042										
		STO	2500	0314	3496	2786	0004335	2418	15051										
	215	OBS	T2946	0269	34933	2788			15108										
		STO	3000	0264	3493	2788	0004119	2429	15115										
	215	OBS	3461	0232	34908	2789			15181										
	215	OBS	3966	0228	34897	2789			15268										
		STO	4000	0227	3490	2789	0004259	2848	15274										
	215	OBS	T4350	0216	34891	2789			15331										

TABLE XI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 7-10 October 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8060.—Continued

REFERENCE		SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	MARSden SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEATHER CODE	CLOUD CODES	NODC STATION NUMBER
CRUISE CODE	ID NO.					10'	1"	MO		DAY	HR./10			CRUISE NO.	STATION NUMBER	DIR			
318060		EV	3156 N	06629 W	115	16	10	08	038	1968	A67	002	4846	15	13	2	X1	03	0002
					WATER		WIND		BARO-METER		AIR TEMP °C		NO. OBS DEPTHS		SPECIAL OBSERVATIONS				
					COLOR CODE	TRANS. (M)	DIL.	SPEED (KNOTS)	DRY BULB	WET BULB	VIS CODE								
					DT	SO	15	510	220	256	239	7	24						
MISSION TIME HR 1/10	CASE NO	CARD TYPE	DEPTH (M)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY-σ _t	Σ Δ D ODN. M x 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg-at/l	TOTAL-P μg-at/l	NO ₃ -N μg-at/l	NO ₂ -N μg-at/l	SiO ₄ -Si μg-at/l	pH	SIC		
	038	OBS	0000	2546	3615	2409	0038352	0000	15372										
		OBS	0000	2546	36149	2409			15372										
		STD	0010	2531	36111	2411	0038211	0038	15370										
		OBS	0010	2531	36113	2411			15370										
		STD	0020	2525	3631	2427	0036673	0076	15372										
	003	OBS	0020	2525	36308	2427			15372										
		STD	0030	2396	3638	2471	0032508	0110	15344										
		OBS	0030	2396	36376	2471			15344										
		STD	0050	2213	3645	2530	0027018	0170	15303										
		OBS	0050	2213	36447	2530			15303										
		STD	0075	2121	3665	2571	0023202	0233	15285										
		OBS	0075	2121	36650	2571			15285										
		STD	0100	2023	3659	2593	0021207	0288	15263										
		OBS	0100	2023	36588	2593			15263										
		STD	0125	1947	3667	2619	0018796	0338	15247										
		OBS	0125	1947	36669	2619			15247										
		STD	0150	1912	3659	2622	0018611	0385	15240										
		OBS	0150	1912	36587	2622			15240										
		STD	0200	1861	3658	2635	0017561	0475	15234										
		OBS	0200	1861	36584	2635			15234										
		STD	0250	1836	3657	2640	0017268	0562	15235										
		OBS	0250	1836	36565	2640			15235										
		STD	0300	1816	3653	2642	0017205	0649	15237										
		OBS	0300	1816	36531	2642			15237										
		STD	0400	1773	3648	2649	0016886	0819	15240										
		OBS	0400	1773	36480	2649			15240										
		STD	0500	1704	3635	2656	0016514	0986	15233										
		OBS	0500	1704	36352	2656			15233										
		STD	0600	1537	3634	2671	0015299	1145	15197										
		OBS	0600	1537	36038	2671			15197										
		STD	0700	1324	3568	2689	0013668	1290	15140										
		OBS	0700	1324	35677	2689			15140										
		STD	0800	1036	3529	2713	0011209	1414	15054										
		OBS	0800	1036	35287	2713			15052										
		STD	0900	0821	3511	2735	0009017	1515	14987										
		OBS	0900	0821	35111	2735			14987										
		STD	1000	0639	3506	2767	0006728	1594	14932										
		OBS	1000	0639	35063	2757			14932										
		STD	1100	0549	3505	2767	0005702	1656	14912										
		OBS	1100	0549	35046	2767			14912										
		STD	1200	0488	3502	2772	0005197	1711	14904										
		OBS	1200	0488	35017	2772			14904										
		STD	1300	0455	3502	2776	0004875	1761	14907										
		OBS	1300	0455	35015	2776			14907										
		STD	1400	0427	3500	2777	0004749	1809	14912										
		OBS	1400	0427	34995	2777			14912										
		STD	1500	0411	3499	2779	0004682	1856	14922										
		OBS	1500	0411	34988	2779			14922										

TABLE XI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 7-10 October 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8060.—Continued

REFERENCE SHIP CODE	SHIP ID. NO.	LATITUDE 1/10	LONGITUDE 1/10	SOUNDING NO.	WABSEN SQUARE		STATION TIME (GMT)				YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SOUNDING	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER	
					TO	W	MO	DAY	HR	MIN		CRUISE NO.	STATION NUMBER			DIR.	HGT	PER				STA.
318060	EV	31553N	067439W	115	17	10	08	098	1968	A67	003	5121	15	24	1		X1	013		0003		
				WATER		WIND		AIR TEMP														
				COLOR	TRANS	DIR.	VEED	BARO-	AIR TEMP	WET	VIS	NO.	SPECIAL									
				CODE	50	24	516	METER	°C	RULE	DEPTH	25	OBSERVATIONS									
				NT	50	24	516	200	256	233	7	25										
MISSING TIME HR 1/10	CASE NO.	CARD TYPE	DEPTH M	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-20°	$\Sigma \Delta$ DIN $\times 10^3$	SOUND VELOCITY	D ₂ (m/s)	PO ₄ -P µg-at/l	TOTAL-P µg-at/l	NO ₃ -N µg-at/l	NO ₂ -N µg-at/l	SiO ₄ -S µg-at/l	pH	CHL COCT					
	098	STO	0000	2596	3636	2409	0038344	0000	15386													
		OBS	0000	2596	36356	2409			15386													
		STO	0010	2596	3636	2409	0038364	0038	15387													
		OBS	0010	2596	36359	2409			15387													
		STO	0020	2596	3636	2409	0038398	0077	15389													
	003	OBS	0020	2596	36360	2409			15389													
		STO	0030	2596	3636	2409	0038440	0115	15391													
		OBS	0030	2596	36360	2409			15391													
		OBS	0043	2595	36361	2410			15393													
		STO	0050	2358	3639	2484	0031430	0185	15336													
		OBS	0050	2358	36388	2484			15338													
		STO	0075	2114	3655	2565	0023762	0454	15282													
		OBS	0075	2114	36547	2565			15282													
		STO	0100	1981	3661	2606	0020005	0309	15251													
		OBS	0100	1981	36607	2606			15251													
		STO	0125	1931	3659	2617	0018984	0357	15241													
		OBS	0125	1931	36588	2617			15241													
		STO	0150	1887	3660	2629	0017910	0404	15233													
		OBS	0150	1887	36599	2629			15233													
		STO	0200	1850	3659	2638	0017265	0492	15231													
		OBS	0200	1850	36588	2638			15231													
		STO	0250	1819	3656	2644	0016894	0577	15230													
		OBS	0250	1819	36560	2644			15230													
		STO	0300	1804	3655	2646	0016608	0661	15234													
		OBS	0300	1804	36546	2646			15234													
		STO	0400	1764	3649	2652	0016621	0828	15238													
		OBS	0400	1764	36487	2652			15238													
		STO	0500	1717	3637	2654	0016667	0995	15239													
		OBS	0500	1717	36373	2654			15239													
		STO	0600	1562	3609	2669	0015515	1156	15205													
		OBS	0600	1562	36085	2669			15205													
		STO	0700	1354	3576	2689	0013676	1302	15151													
		OBS	0700	1354	35761	2689			15151													
		STO	0800	1120	3541	2707	0011895	1429	15083													
		OBS	0800	1120	35405	2707			15083													
		STO	0900	0875	3514	2729	0009678	1537	15008													
		OBS	0900	0875	35142	2729			15008													
		STO	1000	0678	3504	2750	0007466	1623	14947													
		OBS	1000	0678	35041	2750			14947													
		STO	1100	0573	3505	2765	0005995	1690	14922													
		OBS	1100	0573	35052	2765			14922													
		STO	1200	0529	3508	2773	0005290	1747	14921													
		OBS	1200	0529	35081	2773			14921													
		STO	1300	0477	3505	2776	0004923	1798	14917													
		OBS	1300	0477	35049	2776			14917													
		STO	1400	0450	3504	2778	0004757	1846	14922													
		OBS	1400	0450	35036	2778			14922													
		STO	1500	0434	3503	2780	0004677	1893	14932													
		OBS	1500	0434	35031	2780			14932													

TABLE XI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 7-10 October 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8060.—Continued

REFERENCE CTN CODE	SHIP CODE	LATITUDE ° '/10	LONGITUDE ° '/10	MARSDEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLING	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER
					MO	DAY	HR./10		CRUISE NO.	STATION NUMBER			DIR	HGT	PER			
318060	EV	31548N	068560W	115 18	10	08	158	1968	A67	004	5267	15	26	2	X1	0 3	0004	
				WATER		WIND		BARO- METER (mb)	AIR TEMP. °C		NO. OBS. DEPTH	SPECIAL OBSERVATIONS						
		COLOR CODE	TRANS- (m)	DIR	SPEED OF FORCE	DRY BULB	WET BULB		WV CODE									
		OT	SD	29	506	213	278	233	7	25								
MISSING TIME HR '/10	CST NO	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-σ _t	Σ Δ D DYN. M x 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - μM/l	TOTAL P μg - μM/l	NO ₂ -N μg - μM/l	NO ₃ -N μg - μM/l	SiO ₄ -Si μg - μM/l	PH	S CODE	
158		STO	0000	2571	3622	2407	0038572	0000	15378									
		OBS	0000	2571	36221	2407			15378									
		STO	0010	2568	3622	2408	0038503	0039	15379									
		OBS	0010	2568	36224	2408			15379									
		STO	0020	2567	3626	2411	0038263	0077	15381									
003		OBS	0020	2567	36259	2411			15381									
		OBS	0025	2567	36488	2428			15385									
		STO	0030	2376	3658	2493	0030488	0111	15341									
		OBS	0030	2376	36578	2493			15341									
		STO	0050	2126	3649	2557	0024408	0166	15281									
		OBS	0050	2126	36488	2557			15281									
		STO	0075	1964	3656	2606	0019840	0422	15242									
		OBS	0075	1964	36558	2606			15242									
		STO	0100	1906	3659	2623	0018290	0269	15230									
		OBS	0100	1906	36586	2623			15230									
		STO	0125	1872	3657	2631	0017678	0314	15225									
		OBS	0125	1872	36568	2631			15225									
		STO	0150	1850	3658	2637	0017183	0358	15223									
		OBS	0150	1850	36575	2637			15223									
		STO	0200	1829	3656	2641	0016982	0443	15225									
		OBS	0200	1829	36557	2641			15225									
		STO	0250	1814	3655	2644	0016861	0928	15228									
		OBS	0250	1814	36548	2644			15228									
		STO	0300	1795	3652	2646	0016810	0612	15231									
		OBS	0300	1795	36516	2646			15231									
		STO	0400	1749	3644	2652	0016605	0779	15233									
		OBS	0400	1749	36440	2652			15233									
		STO	0500	1662	3625	2658	0016255	0943	15221									
		OBS	0500	1662	36253	2658			15221									
		STO	0600	1476	3590	2674	0014936	1099	15176									
		OBS	0600	1476	35904	2674			15176									
		STO	0700	1251	3559	2697	0012832	1238	15114									
		OBS	0700	1251	35590	2697			15114									
		STO	0800	0996	3526	2718	0010730	1356	15037									
		OBS	0800	0996	35255	2718			15037									
		STO	0900	0762	3507	2740	0008387	1451	14964									
		OBS	0900	0762	35069	2740			14964									
		STO	1000	0630	3507	2759	0006560	1526	14929									
		OBS	1000	0630	35068	2759			14929									
		STO	1100	0559	3507	2768	0005681	1587	14917									
		OBS	1100	0559	35068	2768			14917									
		STO	1200	0506	3505	2773	0005214	1642	14912									
		OBS	1200	0506	35048	2773			14912									
		STO	1300	0469	3504	2776	0004917	1693	14913									
		OBS	1300	0469	35035	2776			14913									
		STO	1400	0442	3502	2778	0004751	1741	14918									
		OBS	1400	0442	35022	2778			14918									
		STO	1500	0426	3502	2780	0004641	1788	14929									
		OBS	1500	0426	35021	2780			14929									

TABLE XI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 7-10 October 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8060.—Continued

REFERENCE CRUISE ID. NO.	SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	MARSDEN SQUARE 10° 1'	STATION TIME IGMT		YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	WAVE DIRECTION OF SAMPLING	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES TYPE (amt)	NODC STATION NUMBER				
					MO	DAY		HR	MIN			CRUISE NO.	STATION NUMBER	DIR				HGT	PER	SEA	
318060	EV	3210 N	070327W	116 20	10 09	027	1968	Ab7	006	548b	15	30					0006				
				WATER		WIND		AIR TEMP °C		NO. OBS. DEPTHS		SPECIAL OBSERVATIONS									
				COLOR CODE	TRANS. (m)	DIR.	SPEED OR FORCE	BARO-METER (mbal)	DRY BULB	WET BULB	VIS CODE										
				DT	SD	02	512	213	239	189	7	24									
PRESENCE TIME HR 1/10	CASID NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY-σ _t	Σ Δ σ	Δ σ	Δ σ	Δ σ	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₃ -N μg - ml/l	NO ₂ -N μg - ml/l	SI O ₄ -S μg - ml/l	pH	CTD	
		STD	0000	2520	3624	2423	0036963	0000				15367									
027		OBS	0000	2520	36236	2423						15367									
		STD	0010	2521	3624	2423	0037033	0037				15369									
		OBS	0010	2521	36236	2423						15369									
		STD	0020	2521	3624	2423	0037067	0074				15370									
003		OBS	0020	2521	36237	2423						15370									
		STD	0030	2519	3624	2424	0037028	0111				15372									
		OBS	0030	2519	36240	2424						15372									
		STD	0050	2236	3651	2528	0027178	0175				15309									
		OBS	0050	2236	36511	2528						15309									
		STD	0075	2096	3655	2570	0023306	0238				15277									
		OBS	0075	2096	36545	2570						15277									
		STD	0100	1987	3658	2602	0020373	0293				15253									
		OBS	0100	1987	36577	2602						15253									
		STD	0125	1934	3659	2616	0019058	0342				15244									
		OBS	0125	1934	36588	2616						15244									
		STD	0150	1899	3660	2626	0018218	0389				15237									
		OBS	0150	1899	36597	2626						15237									
		STD	0200	1855	3657	2635	0017524	0478				15232									
		OBS	0200	1855	36569	2635						15232									
		STD	0250	1833	3656	2640	0017253	0565				15234									
		OBS	0250	1833	36557	2640						15234									
		STD	0300	1816	3654	2643	0017155	0651				15237									
		OBS	0300	1816	36538	2643						15237									
		STD	0400	1779	3649	2648	0016957	0822				15242									
		OBS	0400	1779	36490	2648						15242									
		STD	0500	1706	3634	2655	0016619	0990				15235									
		OBS	0500	1706	36344	2655						15235									
		STD	0600	1565	3607	2667	0015668	1151				15206									
		OBS	0600	1565	36073	2667						15206									
		STD	0700	1329	3568	2688	0013755	1498				15142									
		OBS	0700	1329	35679	2688						15142									
		STD	0800	1063	3535	2713	0011255	1423				15062									
		OBS	0800	1063	35348	2713						15062									
		STD	0900	0827	3509	2732	0009253	1526				14989									
		OBS	0900	0827	35092	2732						14989									
		STD	1000	0623	3501	2755	0006876	1606				14925									
		OBS	1000	0623	35011	2755						14925									
		STD	1100	0537	3503	2767	0005668	1669				14907									
		OBS	1100	0537	35028	2767						14907									
		STD	1200	0508	3505	2773	0005241	1724				14912									
		OBS	1200	0508	35048	2773						14912									
		STD	1300	0471	3504	2776	0004907	1774				14914									
		OBS	1300	0471	35040	2776						14914									
		STD	1400	0448	3503	2778	0004781	1823				14921									
		OBS	1400	0448	35029	2778						14921									
		STD	1500	0429	3503	2780	0004653	1870				14930									
		OBS	1500	0429	35025	2780						14930									

TABLE XI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 7-10 October 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8060.—Continued

REFERENCE CTW CODE	SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	MARSDEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SPLS	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER
					MO	DAY	HR:1/10		CRUISE NO.	STATION NUMBER			DIR	HGT	PER			
318060	EV	3227 N	07103 W	116 21	10 09	061	1968	A67	007	7106	15	35		2	X1	013	0007	
				WATER		WIND		AIR TEMP. °C		NO. OBS. DEPTHS		SPECIAL OBSERVATIONS						
				COLOR CODE	TEMP. (°C)	DIR.	SPEED OF FORCE	BARO-METER (mb)	DRY BULB	WET BULB	VIS. CODE							
				DT	SD	02	512	207	239	183	7	24						
MESSING TIME HR 1/10	CASE NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY-20°	S.D. DTM, M x 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₂ -P µg - ml/l	TOTAL-P µg - ml/l	NO ₂ -N µg - ml/l	NO ₃ -N µg - ml/l	SIO ₄ -S µg - ml/l	pH	STATION NO.	
		STD	0000	2514	3642	2439	0035463	0000	15367									
	061	OBS	0000	2514	36420	2439			15367									
		STD	0010	2514	3642	2439	0035490	0035	15369									
		OBS	0010	2514	36422	2439			15369									
		STD	0020	2515	3642	2439	0035561	0071	15371									
	003	OBS	0020	2515	36422	2439			15371									
		STD	0030	2515	3650	2445	0035033	0106	15374									
		OBS	0030	2515	36501	2445			15374									
		STD	0050	2155	3655	2554	0024739	0166	15289									
		OBS	0050	2155	36548	2554			15289									
		STD	0075	2017	3658	2594	0021004	0223	15257									
		OBS	0075	2017	36582	2594			15257									
		STD	0100	1934	3658	2616	0019018	0273	15238									
		OBS	0100	1934	36581	2616			15238									
		STD	0125	1894	3658	2626	0018143	0320	15231									
		OBS	0125	1894	36578	2626			15231									
		STD	0150	1847	3655	2636	0017284	0364	15222									
		OBS	0150	1847	36551	2636			15222									
		STD	0200	1821	3655	2642	0016869	0449	15222									
		OBS	0200	1821	36546	2642			15222									
		STD	0250	1803	3653	2645	0016749	0533	15225									
		OBS	0250	1803	36527	2645			15225									
		STD	0300	1779	3650	2649	0016537	0617	15226									
		OBS	0300	1779	36501	2649			15226									
		STD	0400	1736	3651	2660	0015822	0778	15230									
		OBS	0400	1736	36506	2660			15230									
		STD	0500	1636	3620	2660	0016063	0938	15213									
		OBS	0500	1636	36197	2660			15213									
		STD	0600	1445	3588	2678	0014481	1091	15166									
		OBS	0600	1445	35875	2678			15166									
		STD	0700	1236	3555	2696	0012848	1227	15109									
		OBS	0700	1236	35547	2696			15109									
		STD	0800	0942	3521	2723	0010134	1342	15017									
		OBS	0800	0942	35208	2723			15017									
		STD	0900	0740	3508	2744	0007994	1433	14955									
		OBS	0900	0740	35076	2744			14955									
		STD	1000	0614	3504	2759	0006541	1505	14922									
		OBS	1000	0614	35039	2759			14922									
		STD	1100	0540	3505	2769	0005556	1566	14909									
		OBS	1100	0540	35049	2769			14909									
		STD	1200	0495	3505	2774	0005057	1619	14907									
		OBS	1200	0495	35049	2774			14907									
		STD	1300	0470	3505	2777	0004835	1668	14914									
		OBS	1300	0470	35048	2777			14914									
		STD	1400	0449	3505	2779	0004670	1716	14922									
		OBS	1400	0449	35046	2779			14922									
		STD	1500	0433	3503	2780	0004648	1763	14932									
		OBS	1500	0433	35033	2780			14932									

TABLE XI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 7-10 October 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8060.—Continued

REFERENCE SHIP CODE	SHIP ID. NO.	LATITUDE °	LONGITUDE °	MARS DEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	WAVE OBSERVATIONS			WEA- PHER CODE	CLOUD CODES	NODC STATION NUMBER	
					MO	DAY	HR:1/10		CRUISE NO.	STATION NUMBER		WAVE DIRECTION	PERIOD	PERCENT				
318060	EV	32473N	07136 W	116	21	10	09	1968	A67	008	5449	15	36	2	2	X1	03	0008
				WATER		WIND		BARO-		AIR TEMP. °C		SPECIAL						
				COLOR		DIRECTION		METER		DRY		OBS.						
				CODE		DIAL		RECORD		BULB		DEPTHS						
				DT		SD		213		239		7						
				515		213		189		27								
MISSION TIME HR 1/10	CAST NO.	CARD TYPE	DEPTH (M)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-20°	Σ Δ D DYN M x 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₂ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₃ -N μg - ml/l	NO ₂ -N μg - ml/l	SI O ₄ -S μg - ml/l	pH	S CCT	
	098	STD	0000	2510	3649	2466	0034857	0000	15367									
		OBS	0000	2510	36488	2466			15367									
		STD	0010	2511	3649	2465	0034928	0035	15369									
		OBS	0010	2511	36488	2465			15369									
		STD	0020	2512	3649	2465	0034998	0070	15371									
	003	OBS	0020	2512	36488	2465			15371									
		STD	0030	2512	3649	2465	0035039	0105	15373									
		OBS	0030	2512	36488	2465			15373									
		OBS	0040	2512	36495	2465			15374									
		STD	0050	2197	3661	2547	0025426	0165	15300									
		OBS	0050	2197	36608	2547			15300									
		STD	0075	2025	3660	2593	0021071	0223	15259									
		OBS	0075	2025	36601	2593			15259									
		STD	0100	1935	3659	2616	0018992	0274	15238									
		OBS	0100	1935	36588	2616			15238									
		STD	0125	1869	3657	2632	0017598	0319	15224									
		OBS	0125	1869	36569	2632			15224									
		STD	0150	1835	3655	2639	0017009	0363	15218									
		OBS	0150	1835	36549	2639			15218									
		STD	0200	1804	3653	2645	0016549	0446	15217									
		OBS	0200	1804	36534	2645			15217									
		STD	0250	1780	3652	2650	0016252	0528	15218									
		OBS	0250	1780	36520	2650			15218									
		STD	0300	1770	3650	2651	0016352	0610	15223									
		OBS	0300	1770	36497	2651			15223									
		STD	0400	1677	3629	2657	0016024	0772	15210									
		OBS	0400	1677	36288	2657			15210									
		STD	0500	1465	3597	2681	0013950	0922	15157									
		OBS	0500	1465	35967	2681			15157									
		STD	0600	1306	3566	2691	0013159	1057	15117									
		OBS	0600	1306	35660	2691			15117									
		STD	0700	1063	3535	2713	0011038	1178	15046									
		OBS	0700	1063	35347	2713			15046									
		STD	0800	0862	3514	2731	0009260	1280	14986									
		OBS	0800	0862	35144	2731			14986									
		STD	0900	0683	3503	2748	0007484	1363	14932									
		OBS	0900	0683	35028	2748			14932									
		STD	1000	0558	3503	2765	0005856	1430	14899									
		OBS	1000	0558	35025	2765			14899									
		STD	1100	0506	3503	2771	0005253	1486	14895									
		OBS	1100	0506	35027	2771			14895									
		STD	1132	0479	35019	2774			14889									
		OBS	1132	0479	35019	2774			14889									
		STD	1158	0492	35042	2774			14899									
		OBS	1200	0473	3503	2775	0004929	1537	14898									
		STD	1200	0473	35026	2775			14898									
		OBS	1300	0460	3505	2778	0004678	1585	14910									
		STD	1300	0460	35051	2778			14910									
		OBS	1400	0436	3503	2779	0004649	1631	14916									
		STD	1400	0436	35025	2779			14916									
		OBS	1500	0418	3501	2780	0004600	1678	14925									
		STD	1500	0418	35012	2780			14925									

TABLE XI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 7-10 October 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8060.—Continued

REFERENCE CITE CODE	SHIP ID. NO.	SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	STATION NO.	MARSDEN SQUARE			STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPL.	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER		
						16'	1"	MO	DAY	HR./10	CRUISE NO.		STATION NUMBER	DIR.			HGT.	PER.	SEA.					
318060	EV		3306 N	072025W		116	32	10	09	139	1968	A67	009		5303	41	36	2	2	X1	0	3	0009	
						WATER		WIND		BARO- METER		AIR TEMP. °C		VIS		SPECIAL OBSERVATIONS								
						COLOR CODE	TRANL IN	DIR.	SPEED OR FORCE	READ- ING	DRY BULB	WET BULB	WIS CODE	NO. DYS. DEPTH										
						DT	SD	02		234	256	222	7	32										
MESSAGE TIME HR. 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY-σ _t	Σ Δ D DTN X 10 ³	SOUND VELOCITY	D ₂ ml/l	PO ₄ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₂ -N μg - ml/l	NO ₃ -N μg - ml/l	SiO ₄ -Si μg - ml/l	pH	SIC							
		STD	0000	2562	3652	2432	0036155	0000	15380															
139		OBS	0000	2562	36520	2432			15380															
		STD	0010	2562	3652	2432	0036196	0036	15381															
		OBS	0010	2562	36520	2432			15381															
		STD	0020	2562	3652	2432	0036238	0072	15383															
003		OBS	0020	2562	36520	2432			15383															
		STD	0030	2562	3652	2432	0036279	0109	15385															
		OBS	0030	2562	36520	2432			15385															
		STD	0050	2304	3649	2507	0029206	0174	15326															
		OBS	0050	2304	3648R	2507			15326															
		STD	0075	2126	3656	2563	0023997	0241	15285															
		OBS	0075	2126	3655R	2563			15285															
		STD	0100	2006	3656	2595	0020991	0297	15258															
		OBS	0100	2006	3655R	2595			15258															
		STD	0125	1916	3654	2618	0018938	0347	15237															
		OBS	0125	1916	36543	2618			15237															
		STD	0150	1855	3654	2633	0017572	0392	15224															
		OBS	0150	1855	3653R	2633			15224															
		STD	0200	1812	3652	2642	0016871	0479	15219															
		OBS	0200	1812	36516	2642			15219															
		STD	0250	1802	3651	2644	0016863	0563	15225															
		OBS	0250	1802	3650R	2644			15225															
		STD	0300	1770	3644	2646	0016793	0647	15223															
		OBS	0300	1770	36436	2646			15223															
		STD	0400	1638	3618	2658	0015928	0811	15197															
		OBS	0400	1638	3617R	2658			15197															
		STD	0500	1473	3587	2672	0014803	0964	15158															
		OBS	0500	1473	35873	2672			15158															
		STD	0600	1296	3562	2690	0013263	1105	15113															
		OBS	0600	1296	3561R	2690			15113															
		STD	0700	1073	3533	2710	0011321	1228	15049															
		OBS	0700	1073	35333	2710			15049															
		STD	0800	0849	3511	2731	0009268	1330	14981															
		OBS	0800	0849	35114	2731			14981															
		STD	0900	0659	3503	2752	0007102	1412	14923															
		OBS	0900	0659	35032	2752			14923															
		STD	1000	0574	3504	2764	0005982	1478	14906															
		OBS	1000	0574	3503R	2764			14906															
		STD	1100	0520	3504	2770	0005384	1535	14901															
		OBS	1100	0520	35035	2770			14901															
		STD	1200	0484	3501	2772	0005202	1587	14902															
		OBS	1200	0484	35009	2772			14902															
151		OBS	T1246	0449	34986	2774			14895															
		STD	1300	0451	3501	2776	0004859	1638	14905															
		OBS	1300	0451	35010	2776			14905															
		STD	1400	0444	3503	2778	0004742	1686	14919															
		OBS	1400	0444	35027	2778			14919															
		STD	1500	0427	3503	2780	0004626	1733	14929															
		OBS	1500	0427	35025	2780			14929															
151		OBS	1713	0403	34994	2780			14955															
		STD	1750	0400	3499	2780	0004745	1850	14960															
		STD	2000	0381	3499	2782	0004696	1968	14904															
151		OBS	2180	0365	34980	2783			15018															
		STD	2500	0331	3497	2785	0004509	2198	15058															
151		OBS	2645	0318	34962	2786			15077															
		STD	3000	0295	3495	2787	0004444	2422	15129															
151		OBS	3112	0287	34944	2787			15145															
151		OBS	3580	0254	34922	2789			15212															
		STD	4000	0234	3491	2789	0004283	2458	15277															
151		OBS	T4042	0232	34908	2789			15283															
151		OBS	T4143	0233	34907	2789			15302															

TABLE XI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 7-10 October 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8060.—Continued

REFERENCE CIR CODE	SHIP ID. NO.	SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	MARSOM SQUARE	STATION TIME GMT			YEAR	ORIGINATOR'S STATION NUMBER		DEPTH ID BOTTOM	MAX. DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES TTL AMT	NODC STATION NUMBER
						10'	1'	MO DAY HR.1/10		CLUSTER NO.	STATION NUMBER			DIR	HGT	PER			
318060	EV		33475N	073043W	116 33 10	10	000	1968	A67	011	4846	15	36		2	X1	0 3	0011	
					WATER		WIND		BARO- METER		AIR TEMP. °C		NO. OF DEPTHS		SPECIAL OBSERVATIONS				
					COLOR CODE	TRANS M	DIR.	SPEED OF FORCE	BARO- METER (MM)	DRY BULB	WET BULB	VIL CODE							
					01	50	05	520	227	244	200	7	28						
MESSAGE TIME HR. 1/10	CASST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY-σ _t	Σ Δ D DWN. M. x 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₃ -N μg - ml/l	NO ₂ -N μg - ml/l	SiO ₄ -Si μg - ml/l	PH	S TDC		
	000	STO	0000	2539	3626	2419	0037347	0000	15371										
		OBS	0000	2539	36260	2419			15371										
		STO	0010	2539	3626	2420	0037374	0037	15373										
		OBS	0010	2539	36262	2420			15373										
		STO	0020	2539	3626	2420	0037408	0075	15375										
	002	OBS	0020	2539	36263	2420			15375										
		STO	0030	2539	3626	2420	0037449	0112	15376										
		OBS	0030	2539	36263	2420			15376										
		OBS	0040	2539	36264	2420			15378										
		STO	0050	2396	3638	2472	0032574	0182	15347										
		OBS	0050	2396	36378	2472			15247										
		STO	0075	2160	3665	2560	0024247	0253	15295										
		OBS	0075	2160	36648	2560			15295										
		STO	0100	2061	3659	2583	0022153	0311	15273										
		OBS	0100	2061	36592	2583			15273										
		STO	0125	1975	3662	2608	0019873	0364	15254										
		OBS	0125	1975	36617	2608			15254										
		STO	0150	1934	3661	2618	0018961	0412	15247										
		OBS	0150	1934	36614	2618			15247										
		STO	0200	1890	3661	2629	0018118	0505	15243										
		OBS	0200	1890	36605	2629			15243										
		STO	0250	1861	3659	2635	0017702	0595	15242										
		OBS	0250	1861	36589	2635			15242										
		STO	0300	1851	3658	2637	0017735	0683	15248										
		OBS	0300	1851	36575	2637			15248										
		STO	0400	1805	3652	2644	0017364	0859	15250										
		OBS	0400	1805	36520	2644			15250										
		STO	0500	1754	3643	2649	0017159	1031	15251										
		OBS	0500	1754	36426	2649			15251										
		STO	0600	1640	3617	2657	0016659	1200	15230										
		OBS	0600	1640	36171	2657			15230										
		STO	0700	1436	3584	2678	0014828	1358	15179										
		OBS	0700	1436	35840	2678			15179										
		OBS	0750	1354	35725	2686			15159										
		STO	0800	1303	3567	2692	0013592	1500	15149										
		OBS	0800	1303	35665	2692			15149										
		OBS	0850	1225	35945	2698			15130										
		OBS	0840	1186	35447	2698			15120										
		STO	0900	1134	3541	2705	0012393	1630	15105										
		OBS	0900	1134	35405	2705			15105										
		STO	1000	0876	3511	2726	0010130	1742	15024										
		OBS	1000	0876	35108	2726			15024										
		STO	1100	0689	3505	2749	0007739	1832	14968										
		OBS	1100	0689	35047	2749			14968										
		STO	1200	0559	3503	2765	0006122	1901	14933										
		OBS	1200	0559	35025	2765			14933										
		STO	1300	0501	3502	2771	0005457	1959	14926										
		OBS	1300	0501	35021	2771			14926										
		STO	1400	0467	3501	2774	0005193	2012	14929										
		OBS	1400	0467	35008	2774			14929										
		STO	1500	0447	3501	2776	0005036	2063	14937										
		OBS	1500	0447	35006	2776			14937										

TABLE XI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 7-10 October 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8060.—Continued

REFERENCE		SHIP CODE	LATITUDE ° ' /10	LONGITUDE ° ' /10	L.S. NO.	MARSDEN SQUARE		STATION TIME (GMT)		YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SYMBOLS	WAVE OBSERVATIONS		WEA-THER CODE	CLOUD CODES	NODC STATION NUMBER		
CRS CODE	ID. NO.					10'	1"	MO	DAY		HR.	10			CRUISE NO.	STATION NUMBER				DIR.	HGT
318060	EV		34058N	073331W		116	43	10	034	1968	A67	012	4389	15	36	2	2	X1	0	3	0012
		WATER		WIND		BARO-METER		AIR TEMP °C		NO. OBS. DEPTHS		SPECIAL OBSERVATIONS									
		COLOR CODE	TRANS. (m)	DIR.	SPEED OF FORCE	DRY BULB	WET BULB	VIS. CODE													
		DT	SD	OS	S22	234	233	189	7												
MESSAGE TIME HR 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-σ _t	Σ Δ D DYN. M × 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg-at/l	TOTAL-P μg-at/l	NO ₃ -N μg-at/l	NO ₂ -N μg-at/l	SiO ₄ -Si μg-at/l	pH	CHL				
	034	STO	0000	2505	3624	2428	0036511	0000	15363												
		OBS	0000	2505	36238	2428			15363												
		STO	0010	2505	3624	2428	0036545	0037	15365												
		OBS	0010	2505	36239	2428			15365												
		STO	0020	2506	3624	2428	0036600	0073	15367												
	003	OBS	0020	2506	36241	2428			15367												
		STO	0030	2506	3624	2428	0036641	0110	15368												
		OBS	0030	2506	36241	2428			15368												
		STO	0050	2508	3624	2427	0036781	0183	15372												
		OBS	0050	2508	36241	2427			15372												
		OBS	0060	2285	36548	2517			15324												
		STO	0075	2181	3669	2557	0024518	0260	15301												
		OBS	0075	2181	36688	2557			15301												
		STO	0100	2106	3669	2578	0022630	0319	15286												
		OBS	0100	2106	36688	2578			15286												
		STO	0125	2042	3667	2594	0021209	0373	15273												
		OBS	0125	2042	36668	2594			15273												
		STO	0150	1956	3659	2611	0019669	0425	15253												
		OBS	0150	1956	36592	2611			15253												
		STO	0200	1905	3661	2625	0018459	0520	15247												
		OBS	0200	1905	36609	2625			15247												
		STO	0250	1866	3657	2633	0017939	0611	15244												
		OBS	0250	1866	36573	2633			15244												
		STO	0300	1841	3656	2638	0017571	0700	15245												
		OBS	0300	1841	36564	2638			15245												
		STO	0400	1813	3653	2643	0017499	0875	15253												
		OBS	0400	1813	36528	2643			15253												
		STO	0500	1761	3645	2650	0017153	1048	15253												
		OBS	0500	1761	36450	2650			15253												
		STO	0600	1686	3631	2657	0016729	1218	15246												
		OBS	0600	1686	36309	2657			15246												
		STO	0700	1505	3597	2672	0015391	1378	15202												
		OBS	0700	1505	35969	2672			15202												
		STO	0800	1313	3566	2690	0013817	1524	15153												
		OBS	0800	1313	35662	2690			15153												
		STO	0900	1066	3534	2712	0011620	1652	15080												
		OBS	0900	1066	35336	2712			15080												
		STO	1000	0837	3513	2734	0009326	1756	15010												
		OBS	1000	0837	35129	2734			15010												
		STO	1100	0690	3506	2750	0007637	1841	14969												
		OBS	1100	0690	35063	2750			14969												
		STO	1200	0562	3503	2764	0006142	1910	14934												
		OBS	1200	0562	35028	2764			14934												
		OBS	1240	0515	35011	2769			14922												
		STO	1300	0492	3502	2772	0005333	1967	14922												
		OBS	1300	0492	35021	2772			14922												
		STO	1400	0486	3505	2775	0005177	2020	14937												
		OBS	1400	0486	35046	2775			14937												
		STO	1500	0448	3502	2777	0004977	2071	14938												
		OBS	1500	0448	35016	2777			14938												

TABLE XI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 7-10 October 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8060.—Continued

REFERENCE CTD CODE	SHIP ID. NO.	SHIP CODE	LATITUDE ° ' /10	LONGITUDE ° ' /10	P C S	MARSSEN SQUARE			STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLE	WAVE OBSERVATIONS				WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER
						10'	1'	MO	DAY	HR	MIN		SEC	CLUSE NO.			STATION NUMBER	DIR.	PER SEC	PER SEC			
						WATER		WIND		BARO- METER		AIR TEMP. °C		VIS CODE	NO. OBS. DEPTH	SPECIAL OBSERVATIONS							
						COLOR CODE	TRANS. M	DIA. M	TYPE OF FORCE	DIR. M	WET BULB	DRY BULB	WET BULB										
						DT	SD	06	S12	227	233	194	7	24									
MESSAGE TIME HR /10	CASI NO.	CARD TYPE	DEPTH (M)	T °C	S °C	SIGMA-T	SPECIFIC VOLUME ANOMALY-σ _t	Σ Δ C DIN. M. S 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₃ -N μg - ml/l	NO ₂ -N μg - ml/l	SiO ₄ -Si μg - ml/l	PH	S CODE						
		STD	0000	2516	3626	2427	0036645	0000	15366														
		OBS	0000	2516	36264	2427			15366														
	070	STD	0010	2517	3627	2427	0036708	0037	15368														
		OBS	0010	2517	36265	2427			15368														
		STD	0020	2518	3627	2426	0036771	0073	15370														
	003	OBS	0020	2518	36266	2426			15370														
		STD	0030	2520	3627	2426	0036863	0110	15372														
		OBS	0030	2520	36267	2426			15372														
		STD	0050	2521	3627	2426	0036967	0184	15376														
		OBS	0050	2521	36268	2426			15376														
		STD	0075	2196	3654	2542	0025987	0263	15303														
		OBS	0075	2196	36540	2542			15303														
		STD	0100	2074	3661	2581	0022367	0323	15276														
		OBS	0100	2074	36609	2581			15276														
		STD	0125	2004	3661	2599	0020679	0377	15262														
		OBS	0125	2004	36607	2599			15262														
		STD	0150	1958	3662	2612	0019531	0427	15253														
		OBS	0150	1958	36618	2612			15253														
		STD	0200	1941	3662	2617	0019309	0524	15257														
		OBS	0200	1941	36615	2617			15257														
		STD	0250	1927	3659	2618	0019328	0621	15261														
		OBS	0250	1927	36589	2618			15261														
		STD	0300	1911	3657	2621	0019260	0717	15264														
		OBS	0300	1911	36568	2621			15264														
		STD	0400	1875	3653	2627	0018990	0909	15270														
		OBS	0400	1875	36531	2627			15270														
		STD	0500	1822	3644	2634	0018701	1097	15271														
		OBS	0500	1822	36439	2634			15271														
		STD	0600	1730	3626	2642	0018152	1281	15258														
		OBS	0600	1730	36255	2642			15258														
		STD	0700	1521	3590	2663	0016256	1453	15206														
		OBS	0700	1521	35898	2663			15206														
		STD	0800	1284	3552	2684	0014263	1606	15141														
		OBS	0800	1284	35519	2684			15141														
		STD	0900	0996	3521	2714	0011290	1734	15053														
		OBS	0900	0996	35207	2714			15053														
		STD	1000	0756	3506	2741	0008510	1833	14978														
		OBS	1000	0756	35062	2741			14978														
		STD	1100	0504	3501	2759	0006746	1909	14934														
		OBS	1100	0504	35010	2758			14934														
		STD	1200	0524	3502	2769	0005645	1971	14919														
		OBS	1200	0524	35023	2769			14919														
		STD	1300	0477	3503	2774	0005091	2025	14916														
		OBS	1300	0477	35026	2774			14916														
		STD	1400	0448	3501	2776	0004920	2075	14921														
		OBS	1400	0448	35010	2776			14921														
		STD	1500	0432	3501	2779	0004818	2123	14931														
		OBS	1500	0432	35008	2778			14931														

TABLE XI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 7-10 October 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8060.—Continued

REFERENCE CIRY CODE	SHIP CODE	LATITUDE ° '"/10	LONGITUDE ° '"/10	L 10 S	MARSSEN SQUARE	STATION TIME SIGMET			YEAR	ORIGINATOR'S		DEPTH NO.	MAX DEPTH OF SAMPL'S	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER		
						MO	DAY	HR./10		CRUISE NO.	STATION NUMBER			DR	HGT	PER				DIR	PER
318060	EV	34455N	074355W	116	44	10	10	107	1968	A67	014	3292	15	07	1	2	X1	013	0014		
				WATER		WIND		BARO-		AIR TEMP. °C		NO. OBS.		SPECIAL							
				COLOR		SPEED		METER		DRY		WET		DEPTHS		OBS.					
				CODE		OF		OMPH		BULB		BULB				SPECIAL					
				DT		SO		07		S15		234		233		189		7		25	
MISSION TIME HR /10	CAST NO.	CARD TYPE	DEPTH m	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-20°	$\frac{\Delta \sigma}{\sigma}$ DYN. M x 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P µg · ml ⁻¹	TOTAL-P µg · ml ⁻¹	NO ₃ -N µg · ml ⁻¹	NO ₂ -N µg · ml ⁻¹	SiO ₄ -S µg · ml ⁻¹	PH	CHLOROPHYLL				
	107	STD	0000	26.38	36.27	2389	0040250	0000	15394												
		OBS	0000	26.38	36.266	2389			15394												
		STD	0010	25.86	36.26	2405	0038793	0040	15384												
		OBS	0010	25.86	36.258	2405			15384												
		STD	0020	25.56	36.24	2412	0038089	0078	15378												
	002	OBS	0020	25.56	36.238	2412			15378												
		STD	0030	25.51	36.24	2414	0038004	0116	15379												
		OBS	0030	25.51	36.235	2414			15379												
		STD	0050	25.51	36.23	2413	0038136	0192	15382												
		OBS	0050	25.51	36.228	2413			15382												
		OBS	0062	25.51	36.229	2413			15384												
		STD	0075	25.31	36.27	2423	0037348	0287	15382												
		OBS	0075	25.31	36.270	2423			15382												
		STD	0100	23.22	36.49	2502	0029903	0371	15339												
		OBS	0100	23.22	36.488	2502			15339												
		STD	0125	21.63	36.55	2552	0025240	0439	15303												
		OBS	0125	21.63	36.548	2552			15303												
		STD	0150	20.61	36.62	2585	0022153	0499	15281												
		OBS	0150	20.61	36.618	2585			15281												
		STD	0200	19.34	36.60	2617	0019264	0602	15255												
		OBS	0200	19.34	36.597	2617			15255												
		STD	0250	18.82	36.57	2629	0018345	0696	15248												
		OBS	0250	18.82	36.571	2629			15248												
		STD	0300	18.61	36.55	2632	0018137	0788	15250												
		OBS	0300	18.61	36.553	2632			15250												
		STD	0400	17.99	36.49	2643	0017450	0965	15248												
		OBS	0400	17.99	36.488	2643			15248												
		STD	0500	17.20	36.35	2652	0016918	1137	15240												
		OBS	0500	17.20	36.348	2652			15240												
		STD	0600	14.88	35.93	2673	0015007	1297	15180												
		OBS	0600	14.88	35.930	2673			15180												
		STD	0700	11.87	35.49	2701	0012325	1434	15091												
		OBS	0700	11.87	35.488	2701			15091												
		STD	0800	09.30	35.21	2725	0009929	1545	15012												
		OBS	0800	09.30	35.208	2725			15012												
		STD	0900	07.05	35.06	2748	0007615	1633	14941												
		OBS	0900	07.05	35.055	2748			14941												
		STD	1000	05.86	35.04	2762	0006121	1701	14911												
		OBS	1000	05.86	35.042	2762			14911												
		STD	1100	04.88	35.03	2773	0005012	1757	14887												
		OBS	1100	04.88	35.027	2773			14887												
		STD	1200	04.56	35.01	2775	0004843	1806	14891												
		OBS	1200	04.56	35.007	2775			14891												
		STD	1300	04.36	34.99	2776	0004799	1854	14899												
		OBS	1300	04.36	34.991	2776			14899												
		STD	1400	04.18	35.00	2779	0004600	1901	14908												
		OBS	1400	04.18	34.999	2779			14908												
		STD	1500	04.15	35.00	2779	0004676	1948	14924												
		OBS	1500	04.15	34.996	2779			14924												

TABLE XI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 7-10 October 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8060.—Continued

REFERENCE	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	MARSDEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLES	WAVE OBSERVATIONS			WFA-THER CODE	CLOUD CODES	NODC STATION NUMBER
					MO	DAY	HR:1/10		CRUISE NO.	STATION NUMBER			DIR	HGT	PER			
318060	EV	35040N	075033W	116	55	10	10	142	1968	A67	015	0119	07	07				0015
				WATER		WIND		AIR TEMP °C		NO. DES. DEPTHS		SPECIAL OBSERVATIONS						
				COLOR CODE	TEMP (°C)	DIR	SPEED OR FORCE	BARO-METER (mb)	DRY BULB	WET BULB	VIS CODE							
				DT	SD	10	521	251	244	189	7							
MESSAGE NO. 1/10	CARD NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY (10 ³)	S Δ D DYN. M. 10 ³	SDUND VELOCITY	O ₂ (ml/l)	PO ₄ -P (μg - μM)	TOTAL-P (μg - μM)	NO ₂ -N (μg - μM)	NO ₃ -N (μg - μM)	SiO ₄ -Si (μg - μM)	pH	σ _t (kg m ⁻³)	
	142	STD	0000	2747	3614	2345	0044477	0000	15417									
		OBS	0000	2747	36141	2345			15417									
		STD	0010	2748	3614	2344	0044550	0045	15419									
		OBS	0010	2748	36141	2344			15419									
		STD	0020	2748	3614	2344	0044586	0089	15420									
	001	OBS	0020	2748	36142	2344			15420									
		STD	0030	2750	3616	2345	0044596	0134	15423									
		OBS	0030	2750	36155	2345			15423									
		STD	0050	2741	3626	2355	0043663	0422	15425									
		OBS	0050	2741	36258	2355			15425									
		STD	0075	2636	3637	2397	0039770	0326	15407									
		OBS	0075	2636	36368	2397			15407									
		STD	0100	2446	3643	2460	0033843	0418	15368									
		OBS	0100	2446	36428	2460			15368									
		STD	0125	2296	3669	2524	0027841	0495	15339									
		OBS	0125	2296	36688	2524			15339									
		STD	0150	2076	3644	2567	0023840	0560	15283									
		OBS	0150	2076	36438	2567			15283									
		STD	0200	1596	3613	2664	0014726	0656	15150									
		OBS	0200	1596	36126	2664			15150									
		STD	0250	1506	3591	2668	0014472	0729	15128									
		OBS	0250	1506	35913	2668			15128									
		STD	0300	1245	3554	2694	0012057	0796	15046									
		OBS	0300	1245	35538	2694			15046									
		STD	0400	0796	3499	2729	0008638	0899	14893									
		OBS	0400	0796	34988	2729			14893									
		STD	0430	0676	35018	2749			14852									
		OBS	0430	0625	3498	2752	0006439	0975	14843									
		STD	0500	0625	34978	2752			14843									
		OBS	0500	0625	3497	2764	0005341	1033	14819									
		STD	0600	0525	34968	2764			14819									
		OBS	0600	0495	3498	2768	0005024	1085	14823									
		STD	0700	0495	34976	2768			14823									
		OBS	0700	0475	34981	2771			14823									

TABLE XII. Observed and interpolated oceanographic data taken by USCGC McCULLOCH, 3-4 December 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1386.

REFERENCE CIRCUIT NO.	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	MAGNETIC CORRECTION	MAGNETIC SQUARE			STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER																													
					10'	1"	M/D	HR./10	CRUISE NO.	STATION NUMBER		DIR.	HGT.			PER.	SEA	TYPE				AMT																												
311386	ML	3155 N	06525 W		115	15	12	03	008	1968	A68	001	4389	16	10	2	3	X1	8	2	0001																													
<table border="1"> <thead> <tr> <th colspan="3">WATER</th> <th colspan="3">WIND</th> <th colspan="3">AIR TEMP. °C</th> <th rowspan="2">NO. OBS DEPTHS</th> <th rowspan="2">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>COLOR CODE</th> <th>TEMP. (°C)</th> <th>DIL.</th> <th>SPEED OF FORCE</th> <th>BARO- METER (MM)</th> <th>DBI BULB</th> <th>WET BULB</th> <th>VS CODE</th> </tr> </thead> <tbody> <tr> <td></td> <td>06</td> <td>S14</td> <td>193</td> <td>222</td> <td>194</td> <td>7</td> <td>14</td> <td></td> <td></td> </tr> </tbody> </table>																						WATER			WIND			AIR TEMP. °C			NO. OBS DEPTHS	SPECIAL OBSERVATIONS	COLOR CODE	TEMP. (°C)	DIL.	SPEED OF FORCE	BARO- METER (MM)	DBI BULB	WET BULB	VS CODE		06	S14	193	222	194	7	14		
WATER			WIND			AIR TEMP. °C			NO. OBS DEPTHS	SPECIAL OBSERVATIONS																																								
COLOR CODE	TEMP. (°C)	DIL.	SPEED OF FORCE	BARO- METER (MM)	DBI BULB	WET BULB	VS CODE																																											
	06	S14	193	222	194	7	14																																											
REFERENCE TIME NR 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-20°	S Δ D OPN W. x 10 ³	SOUND VELOCITY	O ₂ ML/L	PO ₄ -P µg - ml/l	TOTAL-P µg - ml/l	NO ₂ -N µg - ml/l	NO ₃ -N µg - ml/l	SIO ₄ -Si µg - ml/l	pH	SEC																																	
		STD	0000	2282	3654	2517	0028013	0000	15313																																									
	008	OBS	0000	2282	36542	2517			15313																																									
		STD	0010	2282	3654	2517	0028085	0028	15315																																									
		STD	0020	2283	3654	2517	0028157	0056	15316																																									
	008	OBS	0026	2283	36534	2516			15317																																									
		STD	0030	2283	3654	2517	0028204	0084	15318																																									
		STD	0050	2282	3654	2517	0028225	0141	15321																																									
	008	OBS	0051	2282	36540	2517			15321																																									
		STD	0075	2280	3655	2519	0028202	0411	15325																																									
	008	OBS	0078	2280	36560	2519			15325																																									
		STD	0100	2073	3665	2584	0022044	0474	15277																																									
	008	OBS	0104	2044	36663	2593			15270																																									
		STD	0125	1971	3663	2610	0019679	0326	15253																																									
		STD	0150	1905	3659	2624	0018417	0374	15238																																									
	008	OBS	0156	1892	36585	2627			15236																																									
		STD	0200	1840	3656	2638	0017226	0463	15228																																									
	008	OBS	T0206	1834	36553	2639			15227																																									
		STD	0250	1812	3654	2644	0016871	0548	15228																																									
		STD	0300	1789	3651	2647	0016710	0632	15229																																									
	008	OBS	0310	1784	36505	2648			15229																																									
		STD	0400	1745	3643	2652	0016583	0799	15232																																									
	008	OBS	T0407	1740	36425	2653			15231																																									
		STD	0500	1648	3626	2662	0015883	0961	15217																																									
	008	OBS	0512	1631	36233	2664			15214																																									
		STD	0600	1471	3595	2679	0014495	1113	15175																																									
	008	OBS	T0618	1435	35892	2682			15165																																									
		STD	0700	1208	3555	2702	0012280	1247	15099																																									
		STD	0800	0971	3525	2722	0010328	1360	15028																																									
	008	OBS	0835	0896	35172	2728			15006																																									
		STD	0900	0782	3512	2742	0008328	1453	14972																																									
		STD	1000	0631	3505	2757	0006706	1528	14929																																									
	008	OBS	T1067	0558	35017	2764			14909																																									
		STD	1100	0547	3502	2765	0005901	1591	14911																																									
		STD	1200	0521	3501	2768	0005692	1649	14917																																									
		STD	1300	0495	3501	2771	0005485	1705	14923																																									
		STD	1400	0469	3500	2773	0005267	1759	14929																																									
		STD	1500	0443	3500	2776	0005044	1810	14935																																									
	008	OBS	T1648	0405	34991	2780			14944																																									

TABLE XII. Observed and interpolated oceanographic data taken by USCGC McCULLOCH, 3-4 December 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1386.—Continued

REFERENCE		SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	MARSSEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLES	WAVE OBSERVATIONS	WEATHER CODE	CLOUD CODES	NODC STATION NUMBER										
CTRY CODE	ID. NO.					10'	1"	MO		DAY	HR							MIN	SEC	CRUISE NO.	STATION NUMBER						
311386	ML		31565N	066335W		11	15	16	12	03	05	3	1968	A68	002	4572	16	10	2	3	X1	8	2		0002		
		WATER		WIND		AIR TEMP. °C		BARO. METER (mb)		VIS. CODE		NO. OBS. DEPTHS		SPECIAL OBSERVATIONS													
		COLOR CODE		TRANS. (m)		DIR. OF FORCE		SPEED (knot)		DRY BULB		WET BULB															
		06		S14		193		222		194		7		14													
MESSING TIME HR 1/10	CASST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-20°	S Δ D (10 ³)	SOUND VELOCITY	O ₂ (ml/l)	PO ₄ -P (μg - 0.1/l)	TOTAL-P (μg - 0.1/l)	NO ₃ -N (μg - 0.1/l)	NO ₂ -N (μg - 0.1/l)	SiO ₄ -Si (μg - 0.1/l)	pH	SIC										
		STO	0000	2280	3655	2519	0027886	0000	15312																		
053		OBS	0000	2280	3655	2519			15312																		
		STO	0010	2280	3655	2519	0027944	0028	15314																		
		STO	0020	2281	3655	2518	0027991	0056	15316																		
053		OBS	0027	2281	3655	2518			15317																		
		STO	0030	2281	3655	2518	0028046	0084	15318																		
		STO	0050	2281	3655	2518	0028125	0140	15321																		
053		OBS	0053	2281	3655	2518			15321																		
		STO	0075	2258	3652	2522	0027832	0210	15319																		
053		OBS	0079	2241	36511	2527			15315																		
		STO	0100	2067	3658	2580	0022395	0273	15274																		
053		OBS	0105	2034	36590	2590			15266																		
		STO	0125	1964	3658	2608	0019664	0326	15251																		
		STO	0150	1897	3658	2625	0018292	0373	15236																		
053		OBS	0157	1883	36572	2628			15233																		
		STO	0200	1843	3654	2636	0017443	0463	15228																		
053		OBS	0211	1834	36538	2638			15228																		
		STO	0250	1814	3652	2642	0017063	0549	15228																		
		STO	0300	1788	3649	2646	0016831	0634	15228																		
053		OBS	0315	1781	36476	2647			15229																		
		STO	0400	1746	3641	2650	0016751	0802	15232																		
053		OBS	T0420	1732	36390	2652			15231																		
		STO	0500	1657	3626	2660	0016089	0966	15220																		
053		OBS	0527	1620	36192	2663			15212																		
		STO	0600	1489	3596	2675	0014812	1120	15181																		
053		OBS	T0631	1427	35863	2681			15165																		
		STO	0700	1238	3558	2698	0012648	1258	15110																		
		STO	0800	1000	3528	2719	0010618	1374	15039																		
053		OBS	0842	0912	35186	2726			15012																		
		STO	0900	0806	3514	2739	0008563	1470	14981																		
		STO	1000	0650	3507	2756	0006838	1547	14937																		
053		OBS	T1054	0580	35042	2763			14917																		
		STO	1100	0566	3504	2765	0005993	1611	14919																		
		STO	1200	0536	3503	2768	0005745	1670	14924																		
		STO	1300	0506	3502	2771	0005499	1726	14928																		
		STO	1400	0475	3502	2774	0005243	1780	14932																		
		STO	1500	0445	3501	2777	0004981	1831	14936																		
053		OBS	T1593	0417	35003	2779			14940																		

REFERENCE		SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	MARSSEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLES	WAVE OBSERVATIONS	WEATHER CODE	CLOUD CODES	NODC STATION NUMBER										
CTRY CODE	ID. NO.					10'	1"	MO		DAY	HR							MIN	SEC	CRUISE NO.	STATION NUMBER						
311386	ML		31535N	06741 W		11	17	12	03	10	1	1968	A68	003	4846	09	09	2	2	X1	8	2		0003			
		WATER		WIND		AIR TEMP. °C		BARO. METER (mb)		VIS. CODE		NO. OBS. DEPTHS		SPECIAL OBSERVATIONS													
		COLOR CODE		TRANS. (m)		DIR. OF FORCE		SPEED (knot)		DRY BULB		WET BULB															
		05		S08		183		217		200		7		13													
MESSING TIME HR 1/10	CASST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-20°	S Δ D (10 ³)	SOUND VELOCITY	O ₂ (ml/l)	PO ₄ -P (μg - 0.1/l)	TOTAL-P (μg - 0.1/l)	NO ₃ -N (μg - 0.1/l)	NO ₂ -N (μg - 0.1/l)	SiO ₄ -Si (μg - 0.1/l)	pH	SIC										
		STD	0000	2172	3644	2541	0025807	0000	15284																		
		OBS	0000	2172	36436	2541			15284																		
		STO	0010	2174	3644	2540	0025891	0026	15286																		
		STO	0020	2175	3644	2540	0025972	0052	15288																		
101		OBS	0024	2176	36436	2539			15289																		
		STO	0030	2176	3644	2539	0026029	0078	15290																		
101		OBS	0049	2176	36437	2540			15293																		
		STO	0050	2176	3644	2540	0026099	0130	15293																		
101		OBS	0073	2173	36435	2540			15296																		
		STO	0075	2173	3644	2540	0026137	0195	15296																		
101		OBS	0097	2176	36437	2540			15301																		
		STO	0100	2161	3645	2545	0025798	0260	15297																		
		STO	0125	2049	3657	2585	0022096	0320	15273																		
101		OBS	0145	1980	36617	2607			15259																		
		STO	0150	1969	3661	2609	0019865	0372	15256																		
101		OBS	T0194	1890	36593	2628			15241																		
		STO	0200	1885	3659	2629	0018104	0467	15241																		
		STO	0250	1845	3656	2637	0017522	0556	15237																		
101		OBS	0289	1821	36538	2641			15237																		
		STO	0300	1818	3653	2642	0017232	0643	15238																		
101		OBS	0384	1786	36504	2648			15242																		
		STO	0400	1780	3650	2649	0016909	0814	15243																		
101		OBS	0478	1730	36417	2655			15240																		
		STO	0500	1713	3638	2656	0016523	0981	15238																		
101		OBS	T0571	1623	36214	2664			15221																		
		STO	0600	1546	3612	2675	0014906	1138	15200																		
		STO	0700	1286	3572	2700	0012586	1276	15128																		
101		OBS	0740	1184	35510	2703			15097																		
		STO	0800	1034																							
101		OBS	T0873	0856																							

TABLE XII. Observed and interpolated oceanographic data taken by USCGC McCULLOCH, 3-4 December 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1386.—Continued

REFERENCE		SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	MARSQU SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLES	WAVE OBSERVATIONS	WEATHER CODE	CLOUD CODES	NODC STATION NUMBER				
CRUISE NO.	ID. NO.					MO	DAY	HR:1/10		CRUISE NO.	STATION NUMBER										
311386	ML		32145N	070350W	116	20	12	03	232	1968	A68	006	5121	15	08	1	2	X1	2	6	0006
		WATER		WIND		AIR TEMP °C															
		COLOR CODE		WAVE DIR		SPEED OF FORCE		BARO-METER (mbal)		DRY BULB		WET BULB		VIS CODE		NO. OBS. DEPTHS		SPECIAL OBSERVATIONS			
		13		S10		152		212		191		7		14							
MISSING TIME 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME AND MAX. 10°	S.D. D. (M x 10 ³)	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P (μg - ml/l)	TOTAL-P (μg - ml/l)	NO ₂ -N (μg - ml/l)	NO ₃ -N (μg - ml/l)	SiO ₄ -Si (μg - ml/l)	pH	S.C.C.				
		STD	0000	2212	3648	2533	0026530	0000	15295												
232		OBS	0000	2212	36484	2533			15295												
		STD	0010	2207	3649	2535	0026420	0026	15295												
		STD	0020	2203	3649	2536	0026344	0053	15296												
232		OBS	0025	2201	36488	2536			15296												
		STD	0030	2200	3649	2537	0026281	0079	15296												
		STD	0050	2196	3650	2539	0026172	0132	15299												
232		OBS	0050	2196	36501	2539			15299												
		STD	0075	2192	3649	2539	0026255	0197	15302												
232		OBS	0075	2192	36488	2539			15302												
		STD	0100	2185	3651	2542	0026012	0462	15304												
232		OBS	0100	2185	36509	2542			15304												
		STD	0125	2057	3658	2583	0022230	0323	15276												
		STD	0150	1967	3662	2610	0019764	0375	15256												
232		OBS	0150	1967	36617	2610			15256												
		STD	0200	1906	3661	2625	0018476	0471	15247												
232		OBS	T0202	1904	36605	2625			15247												
		STD	0250	1870	3658	2632	0017986	0562	15245												
		STD	0300	1842	3656	2638	0017624	0651	15245												
232		OBS	0301	1841	36555	2638			15245												
232		OBS	T0398	1804	36509	2643			15249												
		STD	0400	1804	3651	2643	0017426	0826	15250												
		STD	0500	1764	3646	2650	0017131	0999	15254												
232		OBS	0502	1763	36462	2650			15254												
		STD	0600	1690	3631	2656	0016815	1169	15247												
232		OBS	T0602	1688	36303	2656			15246												
		STD	0700	1513	3599	2672	0015415	1330	15205												
		STD	0800	1305	3568	2693	0013524	1475	15150												
232		OBS	0804	1296	35663	2693			15148												
		STD	0900	1024	3534	2719	0010824	1596	15065												
		STD	1000	0792	3507	2736	0009024	1696	14992												
232		OBS	T1009	0774	35055	2738			14986												
		STD	1100	0716	3505	2745	0008154	1782	14979												
		STD	1200	0651	3504	2754	0007385	1859	14970												
		STD	1300	0587	3503	2761	0006637	1929	14961												
		STD	1400	0523	3502	2768	0005904	1992	14951												
		STD	1500	0458	3501	2775	0005177	2047	14942												
232		OBS	T1516	0448	35006	2776			14940												

REFERENCE		SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	MARSQU SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLES	WAVE OBSERVATIONS	WEATHER CODE	CLOUD CODES	NODC STATION NUMBER				
CRUISE NO.	ID. NO.					MO	DAY	HR:1/10		CRUISE NO.	STATION NUMBER										
311386	ML		3232 N	07103 W	116	21	12	04	023	1968	A68	007	5121	13	08	2	2	X1	7	6	0007
		WATER		WIND		AIR TEMP °C															
		COLOR CODE		WAVE DIR		SPEED OF FORCE		BARO-METER (mbal)		DRY BULB		WET BULB		VIS CODE		NO. OBS. DEPTHS		SPECIAL OBSERVATIONS			
		17		S16		149		211		194		7		13							
MISSING TIME 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME AND MAX. 10°	S.D. D. (M x 10 ³)	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P (μg - ml/l)	TOTAL-P (μg - ml/l)	NO ₂ -N (μg - ml/l)	NO ₃ -N (μg - ml/l)	SiO ₄ -Si (μg - ml/l)	pH	S.C.C.				
		STD	0000	2145	3650	2553	0024601	0000	15278												
		OBS	0000	2145	36504	2553			15278												
		STD	0010	2145	3650	2553	0024678	0025	15279												
		STD	0020	2146	3650	2553	0024727	0049	15281												
		OBS	0024	2146	36498	2553			15282												
		STD	0030	2146	3650	2553	0024776	0074	15283												
		OBS	0049	2147	36502	2553			15286												
		STD	0050	2147	3650	2553	0024860	0124	15286												
		OBS	0072	2144	36502	2553			15289												
		STD	0075	2144	3650	2553	0024882	0186	15290												
		OBS	0096	2146	36506	2553			15294												
		STD	0100	2118	3651	2561	0024229	0247	15287												
		STD	0125	1971	3656	2605	0020185	0303	15252												
		OBS	0145	1894	36580	2626			15234												
		STD	0150	1888	3658	2628	0018071	0351	15233												
		OBS	T0190	1848	36580	2638			15229												
		STD	0200	1843	3657	2638	0017226	0439	15229												
		STD	0250	1819	3654	2642	0017039	0525	15230												
		OBS	0285	1804	36517	2644			15231												
		STD	0300	1801	3651	2644	0016990	0610	15232												
		OBS	T0374	1773	36483	2649			15236												
		STD	0400	1761	3646	2650	0016745	0778	15237												
		STD	0500	1679	3630	2658	0016308	0944	15227												
		OBS	T0553	1612	36183	2665			15214												
		STD	0600	1529	3603	2672	0015180	1101	15194												
		STD	0700	1332	3571	2690	0013592	1245	15143												
		OBS	0733	1260	35610	2696			15123												
		STD	0800	1077	3539	2714	0011206	1369	15068												
		OBS	T0898	0852	35129	2732			14998												
		STD	0900	0850	3513	2732	0009363	1472	14998												
		STD	1000	0763	3510	2743	0008328	1560	14981												
		STD	1100	0676	3508	2753	0007325	1638	14963												
		STD	1200	0588	3505	2763	0006367	1707	14945												
		STD	1300	0501	3502	2771	0005442	1766	14926												
		OBS	T1347	0460	35010	2775			14917												

TABLE XII. Observed and interpolated oceanographic data taken by USCGC McCULLOCH, 3-4 December 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1386.—Continued

REFERENCE CITY CODE	SHIP ID. NO.	SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	S 10'S	MARSSEN SQUARE			STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLE	WAVE OBSERVATIONS				WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER
						10'	1'	MO	DAY	HR	1/10		CRUISE NO.	STATION NUMBER			DR	HGT	PER	SEA			
						10'	1'	MO	DAY	HR	1/10		NO.	STATION NUMBER			DR	HGT	PER	SEA			
311386	ML		3254 N	07130 W		116	21	12	04	055	1968	A68	008	5121	15	08	2	3		X1	6	7	0008
						WATER		WIND		BARO- METER		AIR TEMP. °C		VIS		NO. OBS DEPTH		SPECIAL OBSERVATIONS					
						COLOR CODE		DIR.		DRY BULB		WET BULB		NO. OBS DEPTH									
						20		510		129		211		194		7		14					
MISSING TIME HR 1/10	CST NO.	CARD TYPE	DEPTH (M)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-20°	Σ Δ D DTN. M ± 10'	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P µg - µl/l	TOTAL-P µg - µl/l	NO ₃ -N µg - µl/l	NO ₂ -N µg - µl/l	SiO ₄ -S µg - µl/l	PH	IC C						
		STD	0000	2174	3654	2548	0025116	0000	15285														
055		OBS	0000	2174	36539	2548			15285														
		STD	0010	2175	3654	2548	0025176	0025	15287														
		STD	0020	2176	3654	2547	0025231	0050	15289														
055		OBS	0024	2176	36540	2547			15290														
		STD	0030	2176	3654	2548	0025264	0076	15291														
055		OBS	0047	2176	36547	2548			15294														
		STD	0050	2175	3655	2548	0025285	0126	15294														
055		OBS	0072	2172	36539	2548			15297														
		STD	0075	2173	3654	2548	0025359	0189	15297														
055		OBS	0095	2176	36543	2548			15302														
		STD	0100	2154	3655	2554	0024890	0252	15297														
		STD	0125	2050	3657	2584	0022122	0311	15274														
055		OBS	0143	1979	36572	2603			15257														
		STD	0150	1949	3657	2611	0019653	0363	15250														
055		OBS	0191	1808	36525	2644			15217														
		STD	0200	1801	3652	2645	0016579	0454	15216														
		STD	0250	1756	3646	2652	0016119	0536	15211														
055		OBS	0287	1715	36387	2656			15204														
		STD	0300	1698	3635	2657	0015731	0615	15200														
055		OBS	T0384	1576	36114	2668			15174														
		STD	0400	1548	3607	2671	0014701	0767	15168														
055		OBS	0482	1406	35861	2686			15133														
		STD	0500	1378	3581	2688	0013263	0907	15127														
055		OBS	T0579	1248	35605	2698			15094														
		STD	0600	1204	3554	2702	0012025	1034	15081														
		STD	0700	1007	3528	2718	0010528	1146	15025														
055		OBS	0778	0869	35150	2730			14985														
		STD	0800	0830	3514	2736	0008770	1243	14974														
		STD	0900	0674	3511	2756	0006750	1320	14930														
055		OBS	T0978	0575	35090	2768			14903														
055		OBS	T1502	0425	35005	2778			14928														

REFERENCE CITY CODE	SHIP ID. NO.	SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	S 10'S	MARSSEN SQUARE			STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLE	WAVE OBSERVATIONS				WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER
						10'	1'	MO	DAY	HR	1/10		CRUISE NO.	STATION NUMBER			DR	HGT	PER	SEA			
						10'	1'	MO	DAY	HR	1/10		NO.	STATION NUMBER			DR	HGT	PER	SEA			
311386	ML		3311 N	07205 W		116	32	12	04	083	1968	A68	009	5121	19	08	2	4		X2	6	8	0009
						WATER		WIND		BARO- METER		AIR TEMP. °C		VIS		NO. OBS DEPTH		SPECIAL OBSERVATIONS					
						COLOR CODE		DIR.		DRY BULB		WET BULB		NO. OBS DEPTH									
						20		514		105		217		189		7		14					
MISSING TIME HR 1/10	CST NO.	CARD TYPE	DEPTH (M)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-20°	Σ Δ D DTN. M ± 10'	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P µg - µl/l	TOTAL-P µg - µl/l	NO ₃ -N µg - µl/l	NO ₂ -N µg - µl/l	SiO ₄ -S µg - µl/l	PH	IC C						
		STD	0000	2156	3653	2552	0024674	0000	15281														
		OBS	0000	2156	36534	2552			15281														
		STD	0010	2156	3654	2553	0024706	0025	15282														
		STD	0020	2156	3654	2553	0024744	0049	15284														
083		OBS	0028	2156	36536	2553			15285														
		STD	0030	2156	3654	2553	0024773	0074	15286														
		STD	0050	2155	3654	2553	0024817	0124	15289														
083		OBS	0056	2155	36539	2553			15290														
		STD	0075	2154	3654	2553	0024913	0186	15293														
083		OBS	0085	2154	36532	2553			15294														
		STD	0100	2067	3656	2579	0022539	0445	15274														
083		OBS	0114	1999	36572	2598			15258														
		STD	0125	1963	3657	2607	0019912	0298	15250														
		STD	0150	1896	3656	2624	0018412	0346	15235														
083		OBS	0172	1854	36549	2634			15227														
		STD	0200	1837	3654	2638	0017298	0435	15227														
083		OBS	T0232	1820	36526	2641			15227														
		STD	0250	1815	3652	2642	0017087	0521	15228														
		STD	0300	1798	3651	2645	0016925	0606	15232														
083		OBS	0354	1776	36478	2648			15234														
		STD	0400	1769	3646	2648	0016935	0776	15239														
083		OBS	0477	1708	36348	2655			15232														
		STD	0500	1669	3628	2659	0016221	0942	15224														
		STD	0600	1484	3596	2676	0014704	1096	15179														
083		OBS	0603	1478	35947	2677			15177														
		STD	0700	1265	3561	2695	0012964	1235	15119														
083		OBS	T0729	1202	35527	2701			15102														
		STD	0800	1007	3535	2723	0010232	1351	15042														
		STD	0900	0785	3515	2743	0008156	1442	14974														
083		OBS	0987	0641	35036	2755			14930														
		STD	1000	0632	3503	2756	0006867	1518	14929														
		STD	1100	0565	3502	2763	0006117	1582	14919														
		STD	1200	0508	3501	2770	0005520	1641	14912														
083		OBS	T1244	0486	35006	2772			14910														
		STD	1300	0477	3500	2773	0005256	1695	14916														
		STD	1400	0462	3500	2774	0005173	1747	14926														
		STD	1500	0446	3500	2776	0005085	1798	14937														
		STD	1750	0408	3499	2779	0004848	1922	14963														
083		OBS	T1895	0385	34985	2781			14978														

TABLE XII. Observed and interpolated oceanographic data taken by USCGC McCULLOCH, 3-4 December 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1386.—Continued

REFERENCE CRUISE CODE	SHIP ID. NO.	LATITUDE 1/10	LONGITUDE 1/10	L S R	MARSDEN SQUARE	STATION TIME (GMT)	YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLE	WAVE OBSERVATIONS	WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER																																											
								CRUISE NO.	STATION NUMBER																																																	
311386	ML	3332 N	07233 W		116 32	12 04 117	1968	A68	010	5049	15	24	2	2	X1	6	6	0010																																								
<table border="1"> <thead> <tr> <th colspan="3">WATER</th> <th colspan="3">WIND</th> <th colspan="3">BARO- METER</th> <th colspan="3">AIR TEMP. °C</th> <th colspan="3">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>COLOR CODE</th> <th>TRANS- M. (M)</th> <th>DIR.</th> <th>SPEED OF FORCE</th> <th>BARO- METER (MB)</th> <th>DRY BULB</th> <th>WET BULB</th> <th>VIS CODE</th> <th>NO. OBS. DEPTH</th> <th colspan="3"></th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td>20</td> <td>S17</td> <td>078</td> <td>217</td> <td>189</td> <td>7</td> <td>14</td> <td colspan="3"></td> </tr> </tbody> </table>																			WATER			WIND			BARO- METER			AIR TEMP. °C			SPECIAL OBSERVATIONS			COLOR CODE	TRANS- M. (M)	DIR.	SPEED OF FORCE	BARO- METER (MB)	DRY BULB	WET BULB	VIS CODE	NO. OBS. DEPTH							20	S17	078	217	189	7	14			
WATER			WIND			BARO- METER			AIR TEMP. °C			SPECIAL OBSERVATIONS																																														
COLOR CODE	TRANS- M. (M)	DIR.	SPEED OF FORCE	BARO- METER (MB)	DRY BULB	WET BULB	VIS CODE	NO. OBS. DEPTH																																																		
			20	S17	078	217	189	7	14																																																	
MESSAGE TIME HR 1/10	CAS- T NO.	CARD TYPE	DEPTH (M)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY-20°	S Δ D DYN. M 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₃ -N μg - ml/l	NO ₂ -N μg - ml/l	SI O ₄ -S μg - ml/l	PH	S C C																																									
		STD	0000	2214	3645	2530	0026807	0000	15295																																																	
117		OBS	0000	2214	36453	2530			15295																																																	
		STD	0010	2216	3645	2530	0026885	0027	15297																																																	
		STD	0020	2218	3646	2529	0026958	0054	15299																																																	
117		OBS	0023	2218	36456	2529			15300																																																	
		STD	0030	2217	3646	2530	0026975	0081	15300																																																	
117		OBS	0045	2214	36456	2530			15302																																																	
		STD	0050	2209	3646	2532	0026817	0135	15302																																																	
117		OBS	0067	2190	36465	2538			15300																																																	
		STD	0075	2184	3647	2540	0026185	0201	15299																																																	
117		OBS	0089	2164	36472	2546			15297																																																	
		STD	0100	2123	3653	2561	0024216	0264	15288																																																	
		STD	0125	2043	3662	2590	0021581	0321	15272																																																	
117		OBS	0131	2026	36630	2595			15269																																																	
		STD	0150	1980	3662	2607	0020069	0373	15259																																																	
117		OBS	T0173	1934	36606	2618			15250																																																	
		STD	0200	1904	3660	2625	0018535	0470	15246																																																	
		STD	0250	1863	3657	2634	0017859	0561	15243																																																	
117		OBS	0254	1860	36572	2634			15243																																																	
		STD	0300	1844	3655	2637	0017745	0650	15245																																																	
117		OBS	T0332	1831	36536	2639			15247																																																	
		STD	0400	1800	3651	2645	0017316	0825	15249																																																	
117		OBS	0421	1791	36501	2646			15249																																																	
		STD	0500	1761	3644	2649	0017225	0998	15253																																																	
117		OBS	T0513	1752	36429	2650			15252																																																	
		STD	0600	1665	3626	2658	0016594	1167	15239																																																	
		STD	0700	1508	3599	2673	0015305	1326	15203																																																	
117		OBS	0707	1495	35974	2675			15200																																																	
		STD	0800	1244	3560	2699	0012875	1467	15129																																																	
117		OBS	T0899	1014	35282	2717			15060																																																	
117		OBS	T1466	0450	34996	2775			14933																																																	

REFERENCE CRUISE CODE	SHIP ID. NO.	LATITUDE 1/10	LONGITUDE 1/10	L S R	MARSDEN SQUARE	STATION TIME (GMT)	YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLE	WAVE OBSERVATIONS	WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER																																											
								CRUISE NO.	STATION NUMBER																																																	
311386	ML	3350 N	07305 W		116 33	12 04 151	1968	A68	011	4572	06	23	4	2	X1	8	4	0011																																								
<table border="1"> <thead> <tr> <th colspan="3">WATER</th> <th colspan="3">WIND</th> <th colspan="3">BARO- METER</th> <th colspan="3">AIR TEMP. °C</th> <th colspan="3">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>COLOR CODE</th> <th>TRANS- M. (M)</th> <th>DIR.</th> <th>SPEED OF FORCE</th> <th>BARO- METER (MB)</th> <th>DRY BULB</th> <th>WET BULB</th> <th>VIS CODE</th> <th>NO. OBS. DEPTH</th> <th colspan="3"></th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td>18</td> <td>S27</td> <td>060</td> <td>222</td> <td>194</td> <td>7</td> <td>12</td> <td colspan="3"></td> </tr> </tbody> </table>																			WATER			WIND			BARO- METER			AIR TEMP. °C			SPECIAL OBSERVATIONS			COLOR CODE	TRANS- M. (M)	DIR.	SPEED OF FORCE	BARO- METER (MB)	DRY BULB	WET BULB	VIS CODE	NO. OBS. DEPTH							18	S27	060	222	194	7	12			
WATER			WIND			BARO- METER			AIR TEMP. °C			SPECIAL OBSERVATIONS																																														
COLOR CODE	TRANS- M. (M)	DIR.	SPEED OF FORCE	BARO- METER (MB)	DRY BULB	WET BULB	VIS CODE	NO. OBS. DEPTH																																																		
			18	S27	060	222	194	7	12																																																	
MESSAGE TIME HR 1/10	CAS- T NO.	CARD TYPE	DEPTH (M)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY-20°	S Δ D DYN. M 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₃ -N μg - ml/l	NO ₂ -N μg - ml/l	SI O ₄ -S μg - ml/l	PH	S C C																																									
		STD	0000	2129	3643	2552	0024700	0000	15273																																																	
		OBS	0000	2129	36432	2552			15273																																																	
		STD	0010	2130	3643	2552	0024787	0025	15274																																																	
		STD	0020	2130	3642	2551	0024882	0050	15276																																																	
151		OBS	0020	2130	36421	2551			15276																																																	
		STD	0030	2130	3642	2551	0024893	0074	15277																																																	
151		OBS	0040	2129	36425	2552			15279																																																	
		STD	0050	2129	3643	2552	0024931	0124	15281																																																	
151		OBS	0063	2128	36425	2552			15282																																																	
		STD	0075	2129	3643	2552	0025014	0187	15285																																																	
151		OBS	0081	2129	36428	2552			15286																																																	
		STD	0100	2130	3643	2552	0025119	0249	15289																																																	
151		OBS	0122	2131	36432	2552			15293																																																	
		STD	0125	2101	3643	2560	0024434	0311	15286																																																	
		STD	0150	1897	3644	2614	0019319	0366	15234																																																	
151		OBS	T0158	1847	36440	2627			15222																																																	
		STD	0200	1778	3641	2642	0016830	0456	15208																																																	
151		OBS	0230	1740	36380	2649			15202																																																	
		STD	0250	1723	3635	2651	0016144	0539	15200																																																	
151		OBS	T0293	1692	36296	2654			15197																																																	
		STD	0300	1692	3629	2654	0016027	0619	15198																																																	
151		OBS	0353	1661	36241	2658			15197																																																	
		STD	0400	1571	3607	2665	0015208	0775	15175																																																	
151		OBS	T0417	1542	36020	2668			15168																																																	
		STD	0500	1422	3581	2678	0014178	0922	15141																																																	
		STD	0600	1328	3567	2687	0013531	1061	15125																																																	
151		OBS	0650	1302	35643	2690			15124																																																	

TABLE XIII. Observed and interpolated oceanographic data taken by USCGC HUMBOLDT, 6-8 June 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1484.

REFERENCE CRIP CODE	SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	MARSIS SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	WAVE DEPTH OF SAMPL.	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES (TH/AUT)	NODC STATION NUMBER		
					10 ¹	1 ¹	MO DAY HR:1/10		CRUISE NO.	STATION NUMBER			DIR	HGT	PER				SEA	
311484	HU	3155 N	06525 W	115	15	06	02	113	1969	A69	001	4023	15	00	0	X	X1	8	6	0001
				WATER		WIND		BARO- METER		AIR TEMP °C		VIS		NO. OBS. DEPTH		SPECIAL OBSERVATIONS				
				COLOR CODE	TRNSP 1/10	DIR	SPED OR FORCE	DEPTH (mb)	DRY BULB	WET BULB	CODE	NO.	DEPTH							
				36	50	4	173	228	222	6	14									
REFERENCE TIME HR 1/10	CAS NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY- σ_{θ}	$\Sigma \Delta \sigma$ DYN M $\times 10^2$	SOUND VELOCITY	O ₂ ml/l	PO ₂ -P µg - ml/l	TOTAL-P µg - ml/l	NO ₃ -N µg - ml/l	NO ₂ -N µg - ml/l	SiO ₄ -S µg - ml/l	pH	S C			
113		STD	0000	2284	3668	2527	0027087	0000	15315											
		OBS	0000	2284	36678	2527			15315											
		STD	0010	2237	3668	2541	0025836	0026	15305											
113		OBS	0010	2237	36679	2541			15305											
		STD	0020	2194	3668	2553	0024702	0052	15295											
		STD	0030	2137	3668	2569	0023205	0076	15282											
113		OBS	0031	2131	36684	2571			15281											
		STD	0050	1982	3664	2608	0019607	0118	15244											
113		OBS	0051	1976	36634	2609			15242											
		STD	0075	1904	3661	2626	0017955	0165	15226											
113		OBS	0076	1902	36612	2627			15226											
		STD	0100	1862	3659	2635	0017187	0209	15218											
113		OBS	0101	1861	36588	2635			15218											
		STD	0125	1842	3657	2639	0016937	0252	15216											
		STD	0150	1824	3656	2642	0016665	0294	15215											
113		OBS	0152	1823	36556	2642			15215											
		STD	0200	1798	3651	2645	0016551	0377	15215											
113		OBS	T0202	1797	36512	2645			15215											
		STD	0250	1781	3650	2649	0016406	0459	15218											
113		OBS	T0254	1780	36501	2649			15219											
		STD	0300	1773	3649	2650	0016474	0542	15224											
113		OBS	T0304	1772	36487	2650			15224											
		STD	0400	1749	3642	2650	0016750	0708	15233											
		STD	0500	1664	3627	2659	0016178	0872	15222											
113		OBS	0507	1656	36257	2660			15221											
		STD	0600	1466	3592	2677	0014605	1026	15173											
		STD	0700	1266	3562	2696	0012912	1164	15120											
113		OBS	0762	1144	35459	2707			15086											
		STD	0800	1057	3538	2717	0010912	1283	15061											
		STD	0900	0853	3521	2738	0008816	1382	15000											
		STD	1000	0686	3508	2752	0007300	1462	14951											
113		OBS	T1014	0666	35062	2754			14945											
		STD	1100	0624	3505	2758	0006765	1533	14943											
		STD	1200	0576	3503	2763	0006321	1598	14940											
		STD	1300	0528	3501	2767	0005878	1659	14937											
		STD	1400	0479	3500	2772	0005440	1716	14933											
		STD	1500	0431	3498	2776	0005005	1768	14930											
113		OBS	T1520	0421	34977	2777			14929											

REFERENCE CRIP CODE	SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	MARSIS SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	WAVE DEPTH OF SAMPL.	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES (TH/AUT)	NODC STATION NUMBER		
					10 ¹	1 ¹	MO DAY HR:1/10		CRUISE NO.	STATION NUMBER			DIR	HGT	PER				SEA	
311484	HU	3155 N	06635 W	115	16	06	02	160	1969	A69	002	4755	15	00	0	X	X1	8	6	0002
				WATER		WIND		BARO- METER		AIR TEMP °C		VIS		NO. OBS. DEPTH		SPECIAL OBSERVATIONS				
				COLOR CODE	TRNSP 1/10	DIR	SPED OR FORCE	DEPTH (mb)	DRY BULB	WET BULB	CODE	NO.	DEPTH							
				00	500	4	179	272	228	7	14									
REFERENCE TIME HR 1/10	CAS NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY- σ_{θ}	$\Sigma \Delta \sigma$ DYN M $\times 10^2$	SOUND VELOCITY	O ₂ ml/l	PO ₂ -P µg - ml/l	TOTAL-P µg - ml/l	NO ₃ -N µg - ml/l	NO ₂ -N µg - ml/l	SiO ₄ -S µg - ml/l	pH	S C			
160		STD	0000	2290	3667	2525	0027295	0000	15316											
		OBS	0000	2290	36672	2525			15316											
		STD	0010	2235	3667	2540	0025876	0027	15304											
160		OBS	0010	2235	36666	2540			15304											
		STD	0020	2205	3667	2549	0025091	0052	15298											
		STD	0030	2163	3667	2561	0023994	0077	15289											
160		OBS	0030	2163	36670	2561			15289											
160		OBS	0049	2049	36673	2592			15262											
		STD	0050	2043	3667	2594	0020938	0122	15261											
160		OBS	0074	1931	36626	2620			15234											
		STD	0075	1929	3663	2621	0018477	0171	15233											
160		OBS	0098	1897	36630	2629			15228											
		STD	0100	1895	3663	2630	0017702	0216	15228											
		STD	0125	1876	3662	2634	0017399	0260	15226											
160		OBS	0147	1859	36612	2637			15225											
		STD	0150	1856	3661	2638	0017075	0303	15225											
160		OBS	0196	1822	36566	2643			15222											
		STD	0200	1819	3656	2644	0016720	0387	15222											
160		OBS	T0247	1795	36512	2646			15222											
		STD	0250	1794	3651	2646	0016657	0471	15222											
160		OBS	T0294	1782	36508	2649			15226											
		STD	0300	1780	3651	2649	0016529	0554	15226											
		STD	0400	1750	3647	2654	0016439	0719	15233											
160		OBS	0487	1723	36430	2657			15239											
		STD	0500	1700	3638	2659	0016219	0882	15234											
		STD	0600	1519	3603	2674	0014960	1038	15191											
		STD	0700	1328	3571	2690	0013510	1180	15142											
160		OBS	0729	1270	35633	2696			15126											
		STD	0800	1094	3544	2715	0011156	1304	15075											
		STD	0900	0882	3522	2734	0009225	1406	15011											
160		OBS	T0969	0760	35096	2743			14975											
		STD	1000	0741	3509	2745	0008059	1492	14973											
		STD	1100	0681	3508	2753	0007371	1569	14965											
		STD	1200	0620	3507	2760	0006686	1639	14956											
		STD	1300	0560	3506	2767	0006020	1703	14950				</							

TABLE XIII. Observed and interpolated oceanographic data taken by USCGC HUMBOLDT, 6-8 June 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1484.—Continued

REFERENCE CRUISE CODE	SHIP ID. NO.	LATITUDE ° 1/10	LONGITUDE ° 1/10	MARSBON SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLE'S	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER				
					10'	1'	MO		DAY	HR.			MIN.	CRUISE NO.	STATION NUMBER				DIR	HGT	PER	SEA
					10'	1'	MO		DAY	HR.			MIN.	A69	003				5	12	1	5
WATER		WIND		BARO- METER (mb)	AIR TEMP. °C		VIL CODE	NO. OBS. DEPTH	SPECIAL OBSERVATIONS	COLOR		TRANSL.		DIR.		SPEED OF FORCE						
CODE	CODE	14	5		12	173				238	227	7	14	14	5	12	173	238	227	7	14	
MISSING TIME HR. 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-σ _t	Σ Δ O DTN. M x 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₃ -N μg - ml/l	NO ₂ -N μg - ml/l	SiO ₄ -Si μg - ml/l	PH	COL.					
		STD	0000	2351	3651	2495	0030170	0000	15330													
	005	OBS	0000	2351	36508	2495			15330													
		STD	0010	2331	3651	2501	0029652	0030	15326													
	005	OBS	0010	2331	36508	2501			15326													
		STD	0020	2212	3653	2536	0026275	0058	15298													
		STD	0030	2114	3655	2565	0023569	0083	15275													
	005	OBS	0034	2081	36559	2575			15267													
		STD	0050	1987	3659	2603	0020094	0126	15245													
	005	OBS	0053	1969	36591	2607			15240													
		STD	0075	1832	3652	2637	0016883	0173	15205													
	005	OBS	0080	1812	36509	2641			15200													
		STD	0100	1783	3651	2649	0015878	0214	15194													
	005	OBS	0106	1776	36511	2651			15193													
		STD	0125	1770	3651	2652	0015659	0253	15195													
		STD	0150	1763	3651	2654	0015580	0292	15197													
	005	OBS	0159	1761	36508	2654			15198													
		STD	0200	1755	3649	2654	0015708	0370	15202													
	005	OBS	T0214	1752	36484	2654			15204													
		STD	0250	1745	3648	2656	0015716	0449	15208													
	005	OBS	T0267	1740	36470	2656			15209													
		STD	0300	1725	3643	2657	0015779	0528	15209													
	005	OBS	T0320	1713	36406	2658			15209													
		STD	0400	1648	3627	2663	0015490	0684	15201													
		STD	0500	1515	3604	2676	0014500	0834	15173													
	005	OBS	0531	1462	35952	2681			15161													
		STD	0600	1303	3570	2695	0012808	0970	15117													
	005	OBS	0682	1125	35446	2710			15066													
		STD	0700	1083	3541	2714	0010943	1089	15054													
		STD	0800	0872	3525	2738	0008650	1187	14991													
		STD	0900	0697	3511	2753	0007092	1266	14939													
	005	OBS	T0964	0605	35044	2760			14912													
		STD	1000	0594	3504	2761	0006229	1332	14914													
		STD	1100	0562	3504	2765	0005950	1393	14918													
		STD	1200	0530	3503	2769	0005674	1452	14921													
		STD	1300	0499	3503	2772	0005389	1507	14925													
		STD	1400	0467	3502	2775	0005105	1559	14929													
	005	OBS	ST1500	0435	3502	2778	0004813	1609	14932													
		STD	T1517	0430	35014	2779			14933													

REFERENCE CRUISE CODE	SHIP ID. NO.	LATITUDE ° 1/10	LONGITUDE ° 1/10	MARSBON SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLE'S	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER				
					10'	1'	MO		DAY	HR.			MIN.	CRUISE NO.	STATION NUMBER				DIR	HGT	PER	SEA
					10'	1'	MO		DAY	HR.			MIN.	A69	004				5	300	16	14
WATER		WIND		BARO- METER (mb)	AIR TEMP. °C		VIL CODE	NO. OBS. DEPTH	SPECIAL OBSERVATIONS	COLOR		TRANSL.		DIR.		SPEED OF FORCE						
CODE	CODE	14	5		10	156				228	211	7	14	14	5	10	156	228	211	7	14	
MISSING TIME HR. 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-σ _t	Σ Δ O DTN. M x 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₃ -N μg - ml/l	NO ₂ -N μg - ml/l	SiO ₄ -Si μg - ml/l	PH	COL.					
		STD	0000	2281	3653	2517	0028072	0000	15312													
	073	OBS	0000	2281	36530	2517			15312													
		STD	0010	2280	3655	2518	0027964	0028	15314													
	073	OBS	0011	2280	36549	2518			15314													
		STD	0020	2211	3658	2541	0025888	0055	15299													
		STD	0030	2136	3660	2563	0023785	0080	15281													
	073	OBS	0034	2107	36604	2571			15274													
		STD	0053	1992	3659	2601	0020220	0124	15246													
	073	OBS	0053	1973	36587	2606			15241													
		STD	0075	1848	3656	2636	0016978	0170	15210													
	073	OBS	0080	1830	36553	2640			15205													
		STD	0100	1807	3653	2644	0016302	0212	15202													
	073	OBS	0106	1802	36529	2645			15201													
		STD	0125	1794	3652	2647	0016153	0252	15202													
		STD	0150	1785	3652	2649	0016026	0493	15203													
	073	OBS	0159	1782	36516	2649			15204													
		STD	0200	1773	3651	2651	0015987	0373	15208													
	073	OBS	T0212	1770	36506	2652			15209													
		STD	0250	1762	36499	2652	0016044	0453	15213													
	073	OBS	T0268	1758	36482	2653			15214													
		STD	0300	1752	3647	2653	0016122	0533	15218													
	073	OBS	T0319	1745	36450	2653			15219													
		STD	0400	1658	3626	2660	0015790	0693	15204													
		STD	0500	1512	3600	2673	0014725	0845	15172													
	073	OBS	0534	1452	35913	2680			15157													
		STD	0600	1266	3565	2698	0012434	0981	15104													
		STD	0700	1022	3534	2720	0010355	1095	15031													
	073	OBS	0787	0847	35146	2734			14978													
		STD	0800	0828	3514	2736	0008738	1191	14973													
		STD	0900	0693	3509	2752	0007179	1270	14937													
		STD	1000	0582	3504	2763	0006080	1336	14909													
	073	OBS	T1076	0512	35015	2769			14893													
		STD	1100	0508	3501	2770	0005369	1394	14895													
		STD	1200	0489	3501	2772	0005255	1447	14904													
		STD	1300	0470	3501	2774	0005136	1499	14913													
		STD	1400	0451	3500	2775	0005012	1549	14922													
		STD	1500	0432	3500	2777	0004884															

TABLE XIII. Observed and interpolated oceanographic data taken by USCGC HUMBOLDT, 6-8 June 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1484.—Continued

REFERENCE CITE CODE	SHIP CODE NO.	LATITUDE ° '/10	LONGITUDE ° '/10	WASDEN SQUARE 10° 1'	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	WAVE DEPTH OF STIMUS	WAVE OBSERVATIONS DIR HGT PER SEA	WEA- THER CODE	CLOUD CODES TNN LWT	NODC STATION NUMBER			
					MO	DAY	HR/10		CRUISE NO.	STATION NUMBER									
					10° 1'	06 03 129	1969		A69	006									
311484	HU	3252 N	07135 W	116 21	06 03 129	1969	A69	005		5303	17	14	3	2	X1	8	6	0005	
				WATER		WIND		BARO-		AIR TEMP °C		SPECIAL							
				COLOR CODE		SPEED OR FORCE		METER IMBET		DRY BULB		WET BULB		VIL CODE		NO. OBS. DEPTHS		OBSERVATIONS	
				14		S15		156		233		222		7		14			
MISSING TIME HR 1/10	CASE NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-20°	Σ Δ D DYN M X 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₂ -P μg - ml/l	TOTAL P μg - ml/l	NO ₂ -N μg - ml/l	NO ₃ -N μg - ml/l	SiO ₄ -S μg - ml/l	PH	S CODE		
129		STO	0000	2340	3655	2501	0029538	0000	15327										
		OBS	0000	2340	36553	2501			15327										
		STO	0010	2340	3655	2501	0029585	0030	15329										
129		OBS	0011	2340	36552	2501			15329										
		STO	0020	2263	3657	2525	0027370	0058	15312										
		STO	0030	2189	3658	2547	0025336	0084	15295										
129		OBS	0035	2156	36582	2556			15287										
		STO	0050	2076	3659	2579	0022367	0132	15269										
129		OBS	0055	2054	36591	2585			15264										
		STO	0075	1995	3659	2601	0020367	0186	15251										
129		OBS	0083	1973	36594	2607			15246										
		STO	0100	1930	3660	2618	0018796	0234	15237										
129		OBS	0110	1909	36600	2624			15233										
		STO	0125	1889	3659	2628	0017934	0280	15230										
		STO	0150	1861	3658	2635	0017413	0325	15226										
129		OBS	0165	1848	36579	2638			15225										
		STO	0200	1829	3657	2642	0016888	0410	15225										
129		OBS	T0218	1820	36558	2643			15225										
		STO	0250	1807	3654	2645	0016751	0494	15226										
129		OBS	T0278	1795	36521	2647			15227										
		STO	0300	1786	3651	2648	0016638	0578	15228										
129		OBS	T0330	1772	36486	2650			15229										
		STO	0400	1750	3643	2651	0016701	0745	15233										
		STO	0500	1659	3627	2660	0016063	0908	15221										
129		OBS	0551	1586	36158	2669			15205										
		STO	0600	1443	3592	2682	0014112	1059	15165										
		STO	0700	1181	3552	2705	0011977	1190	15090										
		STO	0800	0959	3523	2722	0010266	1301	15023										
129		OBS	0809	0941	35213	2724			15018										
		STO	0900	0787	3514	2742	0008260	1394	14974										
		STO	1000	0644	3507	2757	0006749	1469	14934										
129		OBS	T1098	0531	35022	2768			14905										
		STO	1100	0531	3502	2768	0005623	1530	14905										
		STO	1200	0507	3501	2770	0005483	1586	14912										
		STO	1300	0484	3501	2772	0005329	1640	14919										
		STO	1400	0461	3500	2774	0005178	1693	14926										
		STO	1500	0438	3499	2776	0005015	1744	14933										
129		OBS	T1655	0402	34980	2779			14944										

REFERENCE CITE CODE	SHIP CODE NO.	LATITUDE ° '/10	LONGITUDE ° '/10	WASDEN SQUARE 10° 1'	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	WAVE DEPTH OF STIMUS	WAVE OBSERVATIONS DIR HGT PER SEA	WEA- THER CODE	CLOUD CODES TNN LWT	NODC STATION NUMBER			
					MO	DAY	HR/10		CRUISE NO.	STATION NUMBER									
					10° 1'	32 06 03 192	1969		A69	006									
311484	HU	3330 N	07235 W	116 32	06 03 192	1969	A69	006		5121	16	16	3	2	X8	8	8	0006	
				WATER		WIND		BARO-		AIR TEMP °C		SPECIAL							
				COLOR CODE		SPEED OR FORCE		METER IMBET		DRY BULB		WET BULB		VIL CODE		NO. OBS. DEPTHS		OBSERVATIONS	
				16		S21		152		228		222		7		14			
MISSING TIME HR 1/10	CASE NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-20°	Σ Δ D DYN M X 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₂ -P μg - ml/l	TOTAL P μg - ml/l	NO ₂ -N μg - ml/l	NO ₃ -N μg - ml/l	SiO ₄ -S μg - ml/l	PH	S CODE		
192		STO	0000	2454	3636	2453	0034128	0000	15353										
		OBS	0000	2454	36364	2453			15353										
		STO	0010	2451	3636	2454	0034082	0034	15354										
192		OBS	0010	2451	36364	2454			15354										
		STO	0020	2431	3642	2464	0033147	0068	15351										
		STO	0030	2394	3647	2470	0031774	0100	15344										
192		OBS	0032	2385	36476	2482			15343										
		STO	0050	2269	3656	2522	0027724	0160	15318										
192		OBS	0051	2263	36568	2525			15317										
		STO	0075	2129	3658	2563	0023918	0224	15287										
192		OBS	0076	2124	36585	2565			15285										
		STO	0100	2044	3661	2589	0021585	0281	15268										
192		OBS	0102	2038	36615	2591			15267										
		STO	0125	1989	3662	2604	0020226	0333	15258										
		STO	0150	1946	3662	2616	0019223	0383	15250										
192		OBS	0153	1941	36619	2617			15249										
		STO	0200	1891	3661	2629	0018107	0476	15243										
192		OBS	T0204	1887	36604	2630			15242										
		STO	0250	1845	3659	2639	0017305	0565	15238										
192		OBS	0258	1840	36583	2640			15236										
		STO	0300	1830	3657	2642	0017261	0651	15242										
192		OBS	T0312	1826	36562	2642			15242										
		STO	0400	1820	3651	2639	0017834	0826	15254										
		STO	0500	1750	3644	2651	0016963	1000	15250										
192		OBS	0519	1729	36428	2656			15246										
		STO	0600	1574	3612	2689	0015530	1163	15209										
		STO	0700	1377	3570	2686	0013944	1310	15159										
192		OBS	0743	1248	35603	2698			15124										
		STO	0800	1148	3551	2710	0011661	1438	15094										
		STO	0900	0909	3528	2734	0009244	1543	15022										
		STO	1000	0712	3510	2750	0007549	1627	14961										
192		OBS	T1041	0644	35044	2755			14941										
		STO	1100	0618	3504	2756	0006758	1698	14940										
		STO	1200	0574	3502	2763	0006346	1764	14939										
		STO	1300	0530	3501	2767	0005937	1825	14938										
		STO	1400	0485															

TABLE XIII. Observed and interpolated oceanographic data taken by USCGC HUMBOLDT, 6-8 June 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1484.—Continued

REFERENCE CRUISE NO.	SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	MARSSEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPL'S	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER					
					10'	1"	MO DAY HR 1/10		CRUISE NO.	STATION NUMBER			DR	HGT	PER				STA				
311484	HU	33395 N	07249 W	116	32	06	03	228	1969	A69	007	4938	20	16	2	2	X8	8	6	0007			
				WATER		WIND		BARO-		AIR TEMP °C		NO. OBS.		SPECIAL									
				COLOR		DIR.		METER		DRY		WET		VIS		NO. OBS.		SPECIAL					
				CODE		SPEED		(mbars)		BULB		BULB		CODE		DEPTHS		OBSERVATIONS					
						16		517		142		228		222		6		15					
MESSING TIME HR 1/10	CASST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME AND MAX-T-90°	S Δ D DYN M 10 ³	SOUND VELOCITY	O ₂ (ml)	PO ₄ -P μg - ml	TOTAL-P μg - ml	NO ₃ -N μg - ml	NO ₂ -N μg - ml	SiO ₄ -Si μg - ml	PH	CHLOROPHYLL						
228		STD	0000	2457	3638	2454	0034085	0000	15354														
		OBS	0000	2457	36382	2454			15354														
		STD	0010	2452	3637	2454	0034075	0034	15354														
228		OBS	0010	2452	36369	2454			15354														
		STD	0020	2425	3639	2464	0033191	0068	15349														
		STD	0030	2386	3643	2478	0031836	0100	15342														
228		OBS	0031	2381	36436	2480			15341														
		STD	0050	2272	3654	2520	0027951	0160	15319														
228		OBS	0051	2266	36546	2522			15317														
		STD	0075	2120	3659	2567	0023609	0224	15284														
228		OBS	0076	2116	36595	2568			15283														
		STD	0100	2055	3660	2585	0021941	0281	15271														
228		OBS	0101	2053	36604	2586			15271														
		STD	0125	2017	3661	2596	0021016	0335	15265														
		STD	0150	1982	3661	2605	0020207	0387	15260														
228		OBS	0152	1979	36608	2606			15259														
		STD	0200	1915	3660	2622	0018756	0484	15249														
228		OBS	T0203	1912	36602	2623			15249														
		STD	0250	1868	3659	2634	0017865	0576	15244														
228		OBS	T0255	1864	36584	2634			15244														
		STD	0300	1838	3656	2639	0017527	0664	15244														
228		OBS	T0305	1835	36559	2640			15244														
		STD	0400	1817	3654	2643	0017509	0839	15254														
		STD	0500	1752	3644	2651	0017011	1012	15250														
228		OBS	0505	1747	36432	2652			15249														
		STD	0600	1633	3619	2660	0016362	1179	15228														
		STD	0700	1474	3592	2676	0015068	1336	15192														
228		OBS	0758	1365	35764	2687			15164														
		STD	0800	1239	3562	2701	0012631	1474	15127														
		STD	0900	0975	3532	2726	0010095	1588	15047														
		STD	1000	0759	3508	2742	0008426	1681	14979														
228		OBS	T1009	0742	35067	2743			14974														
		STD	1100	0665	3505	2753	0007353	1759	14959														
		STD	1200	0590	3503	2761	0006523	1829	14945														
		STD	1300	0526	3501	2768	0005872	1891	14936														
		STD	1400	0472	3499	2772	0005371	1947	14930														
		STD	1500	0429	3497	2776	0005025	1999	14929														
228		OBS	T1516	0423	34971	2776			14929														
		STD	1750	0399	3497	2778	0004910	2123	14959														
		STD	2000	0374	3496	2780	0004808	2245	14991														
228		OBS	T2010	0373	34961	2780			14992														

REFERENCE CRUISE NO.	SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	MARSSEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPL'S	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER					
					10'	1"	MO DAY HR 1/10		CRUISE NO.	STATION NUMBER			DR	HGT	PER				STA				
311484	HU	3349 N	07305 W	116	33	06	04	014	1969	A69	008	4663	20	18	2	2	X8	9	6	0008			
				WATER		WIND		BARO-		AIR TEMP °C		NO. OBS.		SPECIAL									
				COLOR		DIR.		METER		DRY		WET		VIS		NO. OBS.		SPECIAL					
				CODE		SPEED		(mbars)		BULB		BULB		CODE		DEPTHS		OBSERVATIONS					
						08		516		156		233		227		7		14					
MESSING TIME HR 1/10	CASST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME AND MAX-T-90°	S Δ D DYN M 10 ³	SOUND VELOCITY	O ₂ (ml)	PO ₄ -P μg - ml	TOTAL-P μg - ml	NO ₃ -N μg - ml	NO ₂ -N μg - ml	SiO ₄ -Si μg - ml	PH	CHLOROPHYLL						
014		STD	0000	2472	3639	2450	0034438	0000	15357														
		OBS	0000	2472	36393	2450			15357														
		STD	0010	2472	3639	2450	0034486	0034	15359														
014		OBS	0010	2472	36392	2450			15359														
		STD	0020	2421	3640	2466	0033012	0068	15349														
		STD	0030	2372	3641	2481	0031621	0101	15338														
014		OBS	0030	2372	36405	2481			15338														
		STD	0050	2278	3657	2520	0027920	0160	15320														
014		OBS	0050	2278	36567	2520			15320														
014		OBS	0074	2166	36577	2553			15296														
		STD	0075	2161	3658	2555	0024764	0226	15295														
014		OBS	0099	2063	36602	2583			15273														
		STD	0100	2061	3660	2584	0022081	0284	15273														
		STD	0125	2012	3661	2597	0020896	0338	15264														
014		OBS	0148	1974	36608	2607			15257														
		STD	0150	1971	3661	2608	0019929	0389	15257														
014		OBS	T0199	1913	36602	2623			15249														
		STD	0200	1912	3660	2623	0018697	0486	15249														
		STD	0250	1872	3659	2633	0017963	0577	15245														
014		OBS	T0251	1871	36586	2632			15245														
014		OBS	T0298	1847	36566	2637			15246														
		STD	0300	1847	3657	2637	0017709	0667	15246														
		STD	0400	1824	3651	2639	0017866	0845	15256														
014		OBS	0491	1766	36468	2550			15253														
		STD	0500	1759	3645	2650	0017105	1019	15252														
		STD	0600	1657	3623	2658	0016625	1188	15236														
		STD	0700	1513	3598	2674	0015268	1347	15202														
014		OBS	0733	1441	35892	2681			15186														
		STD	0800	1248	3565	2702	0012593	1487	15131														
		STD	0900	0989	3533	2725	0010270	1601	15052														
014		OBS	T0974	0819	35123	2736			14998														

TABLE XIII. Observed and interpolated oceanographic data taken by USCGC HUMBOLDT, 6-8 June 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1484.—Continued

REFERENCE CSTM CODE	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	MARSSEN SQUARE	STATION TIME (GMT)				YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER				
					10'	1"	MO	DAY		HR.	MIN.			CRUISE NO.	STATION NUMBER	DIR.				HGT.	PER.	SEA	1/10
311484	HU	3357 N	07318 W	116	33	06	04	040	1969	A69	009	4478	19	15	2	2	X1	8	3	0009			
				WATER		WIND		AIR TEMP. °C		NO. OBS.		SPECIAL											
				COLOR		DIR.		WET		VS.		OBSERVATIONS											
				18		511		152		233		222		7		15							
MESSAGE NO.	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-20°	Σ Δ DYN M 3 103	SOUND VELOCITY	O ₂ (M)	PO ₄ -P μg - 0/1	TOTAL-P μg - 0/1	NO ₂ -N μg - 0/1	NO ₃ -N μg - 0/1	SiO ₄ -Si μg - 0/1	pH	2	3					
	040	STD	0000	2388	3647	2481	0031484	0000	15338														
		OBS	0000	2388	36470	2481			15338														
		STD	0010	2385	3647	2482	0031439	0031	15339														
	040	OBS	0010	2385	36470	2482			15339														
		STD	0020	2336	3647	2496	0030119	0062	15329														
		STD	0030	2290	3647	2509	0028899	0092	15319														
	040	OBS	0031	2286	36466	2510			15318														
		STD	0050	2207	3656	2540	0026077	0147	15302														
	040	OBS	0050	2207	36555	2540			15302														
		STD	0075	2107	3662	2573	0023052	0208	15281														
	040	OBS	0075	2107	36620	2573			15281														
		STD	0100	2043	3662	2590	0021516	0264	15268														
	040	OBS	0100	2043	36616	2590			15268														
		STD	0125	1982	3658	2603	0020317	0316	15255														
	040	OBS	0149	1931	36560	2615			15245														
		STD	0150	1929	3656	2616	0019227	0366	15245														
	040	OBS	0198	1853	36558	2635			15231														
		STD	0200	1852	3656	2635	0017531	0457	15231														
	040	OBS	T0246	1829	36545	2640			15232														
		STD	0250	1827	3654	2640	0017231	0544	15232														
	040	OBS	T0295	1808	36510	2643			15234														
		STD	0300	1807	3652	2643	0017100	0630	15234														
		STD	0400	1782	3650	2648	0016954	0800	15243														
	040	OBS	0486	1760	36485	2652			15251														
		STD	0500	1749	3646	2653	0016795	0969	15250														
		STD	0600	1643	3622	2660	0016375	1135	15232														
		STD	0700	1485	3595	2675	0015091	1292	15196														
	040	OBS	0704	1478	35941	2676			15194														
		STD	0800	1209	3556	2702	0012475	1430	15116														
		STD	0900	0972	3525	2721	0010552	1545	15045														
	040	OBS	T0952	0865	35122	2729			15012														
		STD	1000	0806	3510	2736	0009031	1643	14998														
		STD	1100	0695	3506	2749	0007736	1727	14971														
		STD	1200	0600	3503	2760	0006676	1799	14949														
		STD	1300	0521	3500	2767	0005889	1862	14934														
		STD	1400	0457	3498	2773	0005262	1916	14924														
	040	OBS	T1444	0434	34975	2775			14922														
		STD	1500	0429	3497	2776	0005020	1969	14924														
		STD	1750	0404	3497	2778	0004950	2094	14961														
	040	OBS	1939	0386	34960	2780			14985														

TABLE XIII. Observed and interpolated oceanographic data taken by USCGC HUMBOLDT, 6-8 June 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1484.—Continued

REFERENCE CRUISE CODE	SHIP NO.	LATITUDE 1/10	LONGITUDE 1/10	MARSSEN SQUARE	STATION TIME (GMT)		YEAR	ORIGINATOR'S STATION NUMBER		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLER	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES (TPT) (amt)	NODC STATION NUMBER																						
					10'	MO DAY HR:10		CRUISE NO.	STATION NUMBER			DIR	HGT	PER				SEA																					
311484	HU	3408 N	07335 W	116 43	06 04	067	1969	A69	010	4206	21	17	4	2	X1	8 5	0010																						
<table border="1"> <thead> <tr> <th rowspan="2">WATER COLOR CODE</th> <th rowspan="2">TRANS MPT</th> <th rowspan="2">WIND DIR</th> <th rowspan="2">WIND DR. OR FORCE</th> <th rowspan="2">BARO- METER DRIFT</th> <th colspan="2">AIR TEMP °C</th> <th rowspan="2">VIS CODE</th> <th rowspan="2">NO. OBS DEPTH</th> <th rowspan="2">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>DRY BULB</th> <th>WET BULB</th> </tr> </thead> <tbody> <tr> <td>17</td> <td>S15</td> <td>17</td> <td>S15</td> <td>146</td> <td>238</td> <td>222</td> <td>7</td> <td>13</td> <td></td> </tr> </tbody> </table>																		WATER COLOR CODE	TRANS MPT	WIND DIR	WIND DR. OR FORCE	BARO- METER DRIFT	AIR TEMP °C		VIS CODE	NO. OBS DEPTH	SPECIAL OBSERVATIONS	DRY BULB	WET BULB	17	S15	17	S15	146	238	222	7	13	
WATER COLOR CODE	TRANS MPT	WIND DIR	WIND DR. OR FORCE	BARO- METER DRIFT	AIR TEMP °C		VIS CODE	NO. OBS DEPTH	SPECIAL OBSERVATIONS																														
					DRY BULB	WET BULB																																	
17	S15	17	S15	146	238	222	7	13																															
MISSING TIME HR 1/10	CAST NO	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANDWALT-10 ³	S Δ D DYN. M ± 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₃ -N μg - ml/l	NO ₂ -N μg - ml/l	SiO ₄ -Si μg - ml/l	pH	S CODE																						
	067	STD	0000	2385	3661	2493	0030361	0000	15339																														
	067	OBS	0000	2385	36614	2493			15339																														
	067	OBS	0009	2383	36618	2494			15340																														
		STD	0010	2372	3662	2497	0030013	0030	15338																														
		STD	0020	2271	3661	2525	0027329	0059	15314																														
		STD	0030	2189	3659	2546	0025235	0085	15295																														
	067	OBS	0032	2175	36592	2552			15292																														
		STD	0050	2084	3656	2574	0022798	0133	15270																														
	067	OBS	0050	2084	36559	2574			15270																														
		STD	0075	2031	3662	2593	0021086	0188	15261																														
	067	OBS	0076	2029	36622	2594			15261																														
		STD	0100	1978	3661	2607	0019879	0239	15251																														
	067	OBS	0102	1974	36613	2608			15250																														
		STD	0125	1931	3661	2619	0018824	0288	15242																														
		STD	0150	1875	3660	2627	0018098	0334	15236																														
	067	OBS	0153	1891	36598	2628			15235																														
		STD	0200	1855	3657	2635	0017517	0423	15232																														
	067	OBS	T0206	1851	36562	2636			15232																														
		STD	0250	1838	3655	2638	0017451	0510	15235																														
		STD	0300	1824	3653	2640	0017396	0597	15239																														
		STD	0400	1794	3650	2645	0017282	0771	15247																														
		STD	0500	1765	3646	2649	0017169	0943	15254																														
	067	OBS	0518	1760	36456	2650			15256																														
		STD	0600	1644	3628	2655	0016891	1113	15245																														
		STD	0700	1553	3605	2668	0015870	1277	15218																														
	067	OBS	0766	1443	35887	2680			15192																														
		STD	0800	1344	3576	2691	0013747	1425	15164																														
		STD	0900	1080	3543	2717	0011196	1550	15086																														
		STD	1000	0858	3517	2734	0009376	1653	15018																														
	067	OBS	1050	0763	35055	2740			14989																														
		STD	1100	0718	3505	2745	0008164	1740	14980																														
		STD	1200	0635	3503	2755	0007193	1817	14963																														
		STD	1300	0563	3501	2763	0006414	1885	14951																														
		STD	1400	0501	3499	2769	0005796	1946	14944																														
		STD	1500	0451	3498	2774	0005281	2002	14938																														
	067	OBS	T1542	0413	34972	2777			14938																														
		STD	1750	0401	3497	2778	0004901	2129	14960																														
		STD	2000	0383	3497	2780	0004865	2251	14994																														
	067	OBS	2131	0373	34967	2781			15013																														

REFERENCE CRUISE CODE	SHIP NO.	LATITUDE 1/10	LONGITUDE 1/10	MARSSEN SQUARE	STATION TIME (GMT)		YEAR	ORIGINATOR'S STATION NUMBER		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLER	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES (TPT) (amt)	NODC STATION NUMBER																						
					10'	MO DAY HR:10		CRUISE NO.	STATION NUMBER			DIR	HGT	PER				SEA																					
311484	HU	3415 N	07348 W	116 43	06 04	089	1969	A69	011	4114	15	18	2	2	X1	8 5	0011																						
<table border="1"> <thead> <tr> <th rowspan="2">WATER COLOR CODE</th> <th rowspan="2">TRANS MPT</th> <th rowspan="2">WIND DIR</th> <th rowspan="2">WIND DR. OR FORCE</th> <th rowspan="2">BARO- METER DRIFT</th> <th colspan="2">AIR TEMP °C</th> <th rowspan="2">VIS CODE</th> <th rowspan="2">NO. OBS DEPTH</th> <th rowspan="2">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>DRY BULB</th> <th>WET BULB</th> </tr> </thead> <tbody> <tr> <td>19</td> <td>S12</td> <td>19</td> <td>S12</td> <td>152</td> <td>238</td> <td>233</td> <td>7</td> <td>14</td> <td></td> </tr> </tbody> </table>																		WATER COLOR CODE	TRANS MPT	WIND DIR	WIND DR. OR FORCE	BARO- METER DRIFT	AIR TEMP °C		VIS CODE	NO. OBS DEPTH	SPECIAL OBSERVATIONS	DRY BULB	WET BULB	19	S12	19	S12	152	238	233	7	14	
WATER COLOR CODE	TRANS MPT	WIND DIR	WIND DR. OR FORCE	BARO- METER DRIFT	AIR TEMP °C		VIS CODE	NO. OBS DEPTH	SPECIAL OBSERVATIONS																														
					DRY BULB	WET BULB																																	
19	S12	19	S12	152	238	233	7	14																															
MISSING TIME HR 1/10	CAST NO	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANDWALT-10 ³	S Δ D DYN. M ± 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₃ -N μg - ml/l	NO ₂ -N μg - ml/l	SiO ₄ -Si μg - ml/l	pH	S CODE																						
	089	STD	0000	2446	3651	2467	0032818	0000	15352																														
	089	OBS	0000	2446	36514	2467			15352																														
	089	OBS	0009	2444	36505	2467			15353																														
		STD	0010	2433	3651	2471	0032515	0033	15351																														
		STD	0020	2334	3657	2504	0029328	0064	15329																														
		STD	0030	2263	3660	2527	0027193	0092	15314																														
	089	OBS	0030	2263	36600	2527			15314																														
	089	OBS	0047	2204	36592	2543			15301																														
		STD	0050	2186	3659	2549	0025243	0144	15297																														
	089	OBS	0070	2093	36603	2576			15276																														
		STD	0075	2076	3661	2580	0022317	0204	15273																														
	089	OBS	0092	2034	36624	2593			15265																														
		STD	0100	2016	3662	2597	0020797	0258	15261																														
		STD	0125	1967	3662	2610	0019651	0308	15252																														
	089	OBS	0139	1945	36614	2616			15248																														
		STD	0150	1935	3661	2618	0019014	0357	15247																														
	089	OBS	T0184	1902	36601	2626			15243																														
		STD	0200	1882	3659	2630	0018030	0449	15240																														
	089	OBS	0232	1852	36585	2636			15237																														
		STD	0250	1843	3656	2638	0017474	0538	15237																														
	089	OBS	T0277	1829	36556	2641			15237																														
		STD	0300	1818	3654	2642	0017195	0625	15238																														
		STD	0400	1749	3646	2644	0016937	0795	15239																														
	089	OBS	0471	1734	36403	2653			15240																														
		STD	0500	1649	3631	2656	0016468	0962	15230																														
		STD	0600	1521	3600	2671	0015221	1121	15191																														
	089	OBS	0646	1335	35723	2649			15145																														
		STD	0700	1328	3571	2650	0013510	1264	15142																														
		STD	0800	1069	3541	2717	0010913	1386	15065																														
		STD	0900	0854	3518	2735	0009752	1486	15000																														
	089	OBS	T0944	0745	35074	2742			14970																														
		STD	1000	0726	3506	2745	0008320	1572	14966																														
		STD	1100	0661	3504	2753	0007355	1649	14957																														
		STD	1200	0597	3502	2759	0006696	1712	14948																														
		STD	1300	0533	3500	2766	0006061	1783	14939																														
		STD	1400	0468	3498	2771	0005439	1840	14924																														
	089	OBS	T1452	0435	34966	2774			14924																														

TABLE XIII. Observed and interpolated oceanographic data taken by USCGC HUMBOLDT, 6-8 June 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1484.—Continued

REFERENCE CITY CODE	SHIP NO.	SHIP CODE	LATITUDE 1°/10'	LONGITUDE 1°/10'	L C S E	WASSON SQUARE		STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLE	WAVE OBSERVATIONS				WEA- THER CODE	CLOUD CODES		NODC STATION NUMBER		
						10'	1"	MO	DAT	HR.		1/10	CRUISE NO.			STATION NUMBER	DIR	HGT	PER		SEA	1101		1102	
311484	HU		3427 N	07405 W		116	44	06	04	114	1969	A69	012	3749	14	18	2	2	X1	8	6	0012			
						WATER		WIND		BARO- METER		AIR TEMP. °C		VIS CODE		NO. OBS DEPTH		SPECIAL OBSERVATIONS							
						COLOR		DIR.		DRY BULB		WET BULB													
						18		514		156		238		233		7		14							
MEASUR- ING TIME HR 1/10	CAS- T NO.	CARD TYPE	DEPTH (M)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY (σ _t)	Σ Δ Δ DTN. M E 10 ³	SOUND VELOCITY	O ₂ (M/L)	PO ₄ -P μM - μM/L	TOTAL-P μM - μM/L	NO ₃ -N μM - μM/L	NO ₂ -N μM - μM/L	SiO ₄ -Si μM - μM/L	PH	Q C C								
		STD	0000	2390	3663	2493	0030358	0000	15340																
114		OBS	0000	2390	36634	2493			15340																
114		OBS	0009	2388	36637	2494			15341																
		STD	0010	2377	3664	2497	0030025	0030	15339																
		STD	0020	2271	3661	2526	0027271	0059	15314																
		STD	0030	2182	3659	2550	0025055	0085	15293																
		OBS	0031	2174	36591	2552			15291																
		STD	0050	2055	3662	2587	0021578	0132	15263																
		OBS	0050	2055	36617	2587			15263																
		STD	0075	1973	3658	2606	0019892	0183	15245																
		OBS	0076	1970	36581	2606			15244																
		STD	0100	1916	3660	2622	0018457	0431	15233																
		OBS	0100	1916	36597	2622			15233																
		STD	0125	1873	3657	2631	0017688	0477	15225																
		STD	0150	1845	3656	2637	0017171	0320	15221																
		OBS	0151	1844	36556	2637			15221																
		STD	0200	1836	3658	2641	0016977	0406	15227																
		OBS	T0204	1835	36583	2641			15227																
		STD	0250	1833	3658	2642	0017065	0491	15234																
		OBS	T0253	1832	36583	2642			15235																
		STD	0300	1818	3655	2643	0017116	0576	15238																
		OBS	T0302	1817	36547	2643			15238																
		STD	0400	1803	3653	2645	0017243	0748	15250																
		OBS	0498	1717	36360	2655			15239																
		STD	0500	1713	3637	2655	0016595	0917	15238																
		STD	0600	1514	3599	2672	0015140	1076	15189																
		STD	0700	1298	3565	2692	0013336	1218	15131																
		OBS	0721	1250	35588	2697			15118																
		STD	0800	1016	3537	2723	0010246	1336	15046																
		STD	0900	0770	3514	2745	0007992	1427	14968																
		OBS	T0966	0639	35021	2754			14926																
		STD	1000	0624	3502	2756	0006843	1501	14925																
		STD	1100	0579	3501	2761	0006412	1568	14924																
		STD	1200	0533	3499	2765	0005988	1630	14922																
		STD	1300	0488	3498	2770	0005560	1687	14920																
		STD	1400	0443	3497	2774	0005141	1741	14918																
114		OBS	T1447	0422	34966	2776			14917																

TABLE XIII. Observed and interpolated oceanographic data taken by USCGC HUMBOLDT, 6-8 June 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1484.—Continued

REFERENCE CITY CODE	SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	WAVE DIR	WAVELENGTH SQUARE		STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLER	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER
					10°	1'	MO	DAY	HR./10		CRUISE NO.	STATION NUMBER			DIR	HGT	PER			
311484	HU	3445 N	07435 W	116	44	06	04	164	1969	A69	014	3292	20	21	1	2	X1	8	5	0014
				WATER		WIND		AIR TEMP °C		NO. OBS DEPTHS		SPECIAL OBSERVATIONS								
				COLOR CODE	TRANSP. (m)	DIR.	SPEED OF FORCE	BARO-METER (mb)	DRY BULB	WET BULB	WIND CODE									
				26	S07		166	250	222	7	15									
MESSING TIME HR 1/10	CASE NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY-σ _t	S & D DYN. M & 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - ml ⁻¹	PO ₄ -N μg - ml ⁻¹	NO ₃ -N μg - ml ⁻¹	NO ₃ -M μg - ml ⁻¹	SiO ₄ -Si μg - ml ⁻¹	pH	S C			
		STD	0000	2768	3614	2338	0045107	0000	15422											
		OBS	0000	2768	36144	2338			15422											
		STD	0010	2763	3615	2340	0044958	0045	15422											
		OBS	0010	2763	36149	2340			15422											
		STD	0020	2692	3619	2366	0042519	0089	15409											
		OBS	0020	2616	3623	2393	0039973	0130	15394											
		STD	0030	2608	36240	2396			15392											
		OBS	0031	2457	36364	2452			15361											
		OBS	0049	2449	3638	2456	0034072	0204	15360											
		STD	0074	2268	36657	2530			15323											
		OBS	0075	2259	3666	2533	0026828	0280	15321											
		STD	0099	2079	36676	2584			15278											
		OBS	0100	2074	3667	2585	0021926	0341	15277											
		STD	0125	1961	3663	2613	0019428	0393	15250											
		OBS	0148	1887	36599	2629			15233											
		STD	0150	1884	3660	2630	0017851	0439	15233											
		OBS	0200	1822	3655	2642	0016879	0526	15223											
		STD	T0200	1822	36548	2642			15223											
		OBS	0250	1792	3651	2647	0016610	0610	15222											
		STD	T0252	1791	36508	2647			15222											
		OBS	0297	1762	36480	2652			15220											
		STD	0300	1758	3647	2652	0016264	0692	15219											
		OBS	0400	1602	3613	2663	0015463	0851	15185											
		STD	0400	1398	35816	2684			15132											
		OBS	0500	1352	3577	2690	0013020	0993	15118											
		STD	0600	0953	3535	2732	0008873	1103	14990											
		OBS	0700	0668	3507	2754	0006653	1180	14894											
		STD	0713	0639	35047	2756			14884											
		OBS	0800	0570	3502	2763	0005799	1243	14871											
		STD	0900	0505	3499	2768	0005280	1298	14861											
		OBS	T0968	0468	34976	2771			14856											
		STD	1000	0462	3498	2772	0004946	1349	14859											
		OBS	1100	0446	3497	2774	0004867	1398	14869											
		STD	1200	0431	3497	2775	0004797	1446	14880											
		OBS	1300	0418	3497	2776	0004754	1494	14891											
		STD	1400	0406	3496	2777	0004714	1542	14903											
		OBS	1466	0399	34960	2778			14911											
		STD	1500	0396	3496	2778	0004687	1589	14915											
		OBS	1750	0377	3496	2780	0004643	1705	14950											
		STD	T1975	0368	34962	2781			14984											

TABLE XIII. Observed and interpolated oceanographic data taken by USCGC HUMBOLDT, 6-8 June 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1484.—Continued

REFERENCE CITY ID. NO.	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	MARSSEN SQUARE 10' 1"	STATION TIME (GMT)		YEAR	ORIGINATOR'S STATION NUMBER		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLING	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES TPT TWT	NODC STATION NUMBER
					MO	DAY		HR	1/10			CRUISE NO.	STATION NUMBER	DR			
311484	HU	34518N	074442W	116 44	06 04	186	1969	A69 015	2926	19	06	2	2	X1	8 5	0015	
				WATER		WIND		AIR TEMP °C		NO. OBS. DEPTHS		SPECIAL OBSERVATIONS					
				COLOR CODE	TRANS. (mm)	DIR.	SPEED OF FORCE	BARO-METER (mbst)	DRY BULB	WET BULB	VIL CODE						
				07	508		166	272	244	7	15						
MESSAGE TIME HR 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY- σ_{θ}	S Δ D DYN M x 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₂ -N μg - ml/l	NO ₃ -N μg - ml/l	SiO ₂ -S μg - ml/l	pH	SEC
		STD	0000	2784	3612	2331	0045800	0000	15425								
		OBS	0000	2784	36117	2331			15425								
		STD	0010	2782	36111	2331	0045801	0046	15426								
186		OBS	0011	2781	36114	2332			15426								
		STD	0020	2771	3613	2336	0045377	0091	15425								
		STD	0030	2759	3615	2341	0044934	0137	15425								
186		OBS	0035	2753	36154	2344			15424								
		STD	0050	2593	3630	2406	0038865	0220	15393								
186		OBS	0055	2441	36351	2426			15382								
		STD	0075	2338	3660	2506	0029444	0306	15340								
186		OBS	0082	2276	36647	2527			15326								
		STD	0100	2142	3664	2564	0023923	0372	15295								
186		OBS	0109	2084	36630	2580			15281								
		STD	0125	1998	3657	2598	0020794	0428	15260								
		STD	0150	1893	3649	2619	0018845	0478	15234								
186		OBS	0163	1852	36472	2629			15224								
		STD	0200	1809	3648	2640	0017067	0568	15218								
186		OBS	0218	1783	36482	2647			15213								
		STD	0250	1723	3635	2651	0016144	0651	15200								
186		OBS	T0271	1688	36281	2654			15192								
		STD	0300	1655	3624	2659	0015543	0730	15186								
186		OBS	T0323	1619	36194	2664			15178								
		STD	0400	1335	3572	2690	0012764	0871	15095								
		STD	0500	1019	3527	2715	0010376	0987	14996								
186		OBS	0519	0965	35212	2720			14979								
		STD	0600	0747	3511	2746	0007353	1076	14909								
		STD	0700	0555	3502	2765	0005469	1140	14888								
186		OBS	0728	0516	35007	2768			14837								
		STD	0800	0490	3501	2771	0004861	1192	14838								
		STD	0900	0459	3500	2775	0004602	1239	14842								
186		OBS	T0955	0445	35000	2776			14845								
		STD	1000	0439	3500	2777	0004470	1284	14850								
		STD	1100	0427	3499	2777	0004492	1329	14860								
		STD	1200	0416	3498	2777	0004523	1374	14874								
		STD	1300	0406	3498	2779	0004489	1419	14886								
		STD	1400	0397	3498	2779	0004464	1464	14899								
186		OBS	T1429	0394	34974	2779			14903								
		STD	1500	0388	3497	2783	0004495	1509	14912								
		STD	1750	0371	3477	2781	0004525	1621	14947								
186		OBS	1928	0363	34962	2782			14974								

REFERENCE CITY ID. NO.	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	MARSSEN SQUARE 10' 1"	STATION TIME (GMT)		YEAR	ORIGINATOR'S STATION NUMBER		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLING	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES TPT TWT	NODC STATION NUMBER
					MO	DAY		HR	1/10			CRUISE NO.	STATION NUMBER	DR			
311484	HU	3505 N	07504 W	116 55	06 04	214	1969	A69 016	0713	07	04	1		X1	8 5	0016	
				WATER		WIND		AIR TEMP °C		NO. OBS. DEPTHS		SPECIAL OBSERVATIONS					
				COLOR CODE	TRANS. (mm)	DIR.	SPEED OF FORCE	BARO-METER (mbst)	DRY BULB	WET BULB	VIL CODE						
				01	511		166	250	227	7	12						
MESSAGE TIME HR 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY- σ_{θ}	S Δ D DYN M x 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₂ -N μg - ml/l	NO ₃ -N μg - ml/l	SiO ₂ -S μg - ml/l	pH	SEC
		STD	0000	2475	3597	2417	0037549	0000	15353								
		OBS	0000	2475	35973	2417			15353								
		STD	0010	2466	3596	2419	0037395	0037	15353								
214		OBS	0010	2466	35964	2419			15353								
		STD	0020	2338	3605	2464	0033188	0073	15324								
		STD	0030	2229	3613	2501	0029660	0104	15300								
214		OBS	0031	2219	36136	2505			15297								
		STD	0050	2069	3628	2557	0024427	0158	15263								
214		OBS	0050	2069	36280	2557			15263								
		STD	0075	1866	3624	2607	0019746	0413	15211								
214		OBS	0075	1866	36238	2607			15211								
		STD	0100	1706	3616	2641	0016621	0259	15168								
214		OBS	0100	1706	36161	2641			15168								
		STD	0125	1430	3582	2677	0013182	0296	15082								
		STD	0150	1244	3559	2698	0011248	0327	15022								
214		OBS	0150	1244	35592	2698			15022								
		STD	0200	1143	3545	2706	0010551	0381	14993								
214		OBS	T0201	1141	35445	2706			14993								
		STD	0250	1005	3528	2718	0009534	0431	14950								
214		OBS	T0240	1005	35277	2718			14950								
		STD	0300	0866	3515	2731	0008325	0476	14905								
214		OBS	0302	0861	35142	2731			14904								
		STD	0400	0674	3504	2751	0006498	0550	14846								
		STD	0500	3548	3498	2762	0005418	0610	14812								
214		OBS	T0506	0543	34979	2763			14811								
		STD	0600	0488	3497	2769	0004836	0661	14804								
214		OBS	0647	0484	34971	2769			14813								

TABLE XIII. Observed and interpolated oceanographic data taken by USCGC HUMBOLDT, 6-8 June 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1484.—Continued

REFERENCE		SNIP CODE	LATITUDE 1/10	LONGITUDE 1/10	MAGNETIC CORRECTED	STATION TIME (GMT)				YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	WAVE OBSERVATIONS	WEATHER CODE	CLOUD CODES	NODC STATION NUMBER				
SHIP CODE	ID. NO.					10"	1"	MO	DAY		HR.	MIN.						CRUISE NO.	STATION NUMBER		
311484	HU		3506 N	075098 W	116	55	06	04	226	1969	A69	017	0183	02	04	1	2	X1	8	6	0017
WATER		WIND		RAD. METER		AIR TEMP °C		NO. OBS. DEPTHS		SPECIAL OBSERVATIONS											
COLOR CODE		SPEED OF FORCE		DIR. OF USE		DRY BULB		WET BULB		V.L. CODE											
04		512		163		250		227		7											
MESSAGE TIME HR. 1/10	CASE NO.	CARD TYPE	DEPTH (M)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY- σ_t	$\Sigma \Delta$ D DYN. M S 10 ³	SOUND VELOCITY	O ₂ (M)	PO ₄ -P µg - ml/l	TOTAL P µg - ml/l	NO ₂ -N µg - ml/l	NO ₃ -N µg - ml/l	SiO ₄ -Si µg - ml/l	pH	S C				
		STD	0000	2548	3613	2406	0038576	0000	15372												
226		OBS	0000	2548	36126	2406			15372												
		STD	0010	2547	3613	2407	0038559	0039	15373												
226		OBS	0010	2547	36130	2407			15373												
		STD	0020	2501	3608	2417	0037613	0077	15364												
		STD	0030	2399	3601	2443	0035229	0113	15340												
226		OBS	0031	2386	36007	2446			15337												
		STD	0050	2024	3584	2536	0026457	0175	15246												
226		OBS	0051	2006	35838	2540			15241												
		STD	0075	1630	3596	2643	0016286	0228	15138												
226		OBS	0076	1618	35962	2646			15135												
		STD	0100	1399	3571	2676	0013280	0465	15067												
226		OBS	0101	1392	35701	2676			15064												
		STD	0125	1307	3564	2689	0012037	0297	15039												
		STD	0150	1223	3555	2699	0011161	0326	15014												
226		OBS	0152	1217	35537	2699			15012												
226		OBS	10170	1161	35456	2704			14995												

TABLE XIV. Observed and interpolated oceanographic data taken by USCGC McCULLOCH, 8-10 September 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1526.—Continued

REFERENCE CRIP CODE NO.	SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	MARSDEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER			
					10'	1"	MO DAY HRS/10		CRUISE NO.	STATION NUMBER			DIR	HGT	PER				SEA		
311526	ML	32280N	071050W	116	21	09	08	164	1969	A6	1003	5394		16	3	2	X1	8	4	0003	
				WATER		WIND		BARO- METER		AIR TEMP °C		VIS		NO. OBS. DEPTH		SPECIAL OBSERVATIONS					
				COLOR CODE	TRANS (mt)	DIR	SPEED OR FORCE	METER (mbal)	DRY RULE	WET RULE	VIS CODE	NO. OBS. DEPTH									
					16	S20	170	285	245	7	14										
MESSING TIME HR 1/10	CASST NO	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-30°C	S Δ D DYN. M x 10 ²	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P µg - 0.1/l	TOTAL-P µg - 0.1/l	NO ₃ -N µg - 0.1/l	NO ₂ -N µg - 0.1/l	SiO ₄ -Si µg - 0.1/l	pH	S CIC				
164		STD	0000	2732	3615	2350	0043949	0000	15414												
		OBS	0000	2732	35150	2350			15414												
		STD	0010	2726	3615	2352	0043807	0044	15414												
164		OBS	0011	2775	36146	2352			15414												
		STD	0020	2721	3615	2354	0043695	0088	15415												
164		OBS	0029	2693	36190	2366			15410												
		STD	0030	2689	3620	2368	0042397	0131	15410												
164		OBS	0047	2562	36346	2419			15385												
		STD	0050	2508	3640	2439	0035638	0209	15374												
164		OBS	0070	2218	36618	2541			15309												
		STD	0075	2170	3661	2554	0024787	0284	15298												
164		OBS	0091	2042	36593	2588			15266												
		STD	0100	2004	3659	2598	0020709	0341	15257												
164		OBS	0125	1918	3659	2621			15238												
		STD	0135	1891	36582	2627	0018647	0390	15232												
164		OBS	0150	1863	3657	2633			15226												
		STD	T0177	1826	36550	2641	0017534	0436	15220												
164		OBS	0200	1815	3655	2644			15221												
		STD	T0215	1805	36540	2646	0016697	0521	15220												
164		OBS	0250	1775	3649	2649			15216												
		STD	0252	1774	36490	2649	0016329	0604	15216												
164		OBS	0300	1761	3648	2652			15220												
		STD	0300	1739	3646	2656	0016262	0685	15220												
164		OBS	T0411	1737	36457	2656	0016225	0848	15230												
		STD	0500	1728	3644	2657	0016409	1011	15243												
164		OBS	0600	1717	3643	2659			15256												
		STD	0600	1717	3643	2659	0016604	1176	15256												
164		OBS	0636	1713	36421	2659			15261												
		STD	0700	1678	3620	2650	0017647	1347	15258												
164		OBS	0800	1599	3590	2646			15247												
		STD	0800	1599	3590	2646	0018292	1327	15247												
164		OBS	0877		35695																
164		OBS	T1406	0466	34994	2773			14929												

REFERENCE CRIP CODE NO.	SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	MARSDEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER			
					10'	1"	MO DAY HRS/10		CRUISE NO.	STATION NUMBER			DIR	HGT	PER				SEA		
311526	ML	32400N	071350W	116	21	09	08	194	1969	A6	1004	5300		17	4	2	X6	7	7	0004	
				WATER		WIND		BARO- METER		AIR TEMP °C		VIS		NO. OBS. DEPTH		SPECIAL OBSERVATIONS					
				COLOR CODE	TRANS (mt)	DIR	SPEED OR FORCE	METER (mbal)	DRY RULE	WET RULE	VIS CODE	NO. OBS. DEPTH									
					17	S16	145	280	245	7	13										
MESSING TIME HR 1/10	CASST NO	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-30°C	S Δ D DYN. M x 10 ²	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P µg - 0.1/l	TOTAL-P µg - 0.1/l	NO ₃ -N µg - 0.1/l	NO ₂ -N µg - 0.1/l	SiO ₄ -Si µg - 0.1/l	pH	S CIC				
194		STD	0000	2687	3625	2372	0041836	0000	15405												
		OBS	0000	2687	36252	2372			15405												
		STD	0010	2686	3625	2372	0041862	0042	15406												
194		OBS	0010	2686	36250	2372			15406												
		STD	0020	2681	3626	2375	0041645	0084	15407												
		STD	0030	2676	3628	2378	0041418	0125	15408												
194		OBS	0031	2675	36280	2378			15408												
194		OBS	0049	2420	36640	2484			15356												
		STD	0050	2410	3664	2487	0031078	0198	15354												
194		OBS	0074	2212	36654	2546			15309												
		STD	0075	2206	3665	2547	0025462	0268	15307												
194		OBS	0098	2083	36649	2581			15279												
		STD	0100	2079	3665	2582	0022229	0328	15278												
194		OBS	0125	2025	3661	2594			15267												
		STD	0125	1979	36585	2614	0021177	0382	15267												
194		OBS	0145	1962	3658	2609			15258												
		STD	0150	1962	3658	2609	0019877	0433	15254												
194		OBS	T0196	1850	36574	2637			15230												
		STD	0200	1848	3657	2637	0017347	0527	15230												
194		OBS	T0241	1824	36540	2641			15230												
		STD	0250	1819	3653	2641	0017111	0613	15230												
194		OBS	0288	1798	36512	2645			15230												
		STD	0300	1796	3651	2646	0016877	0698	15231												
194		OBS	0400	1772	3650	2651			15240												
		STD	0400	1772	3650	2651	0016718	0866	15240												
194		OBS	T0474	1748	36465	2644			15245												
		STD	0500	1742	3644	2653	0016773	1033	15247												
194		OBS	0600	1704	3635	2656			15251												
		STD	0600	1704	3635	2656	0016855	1201	15251												
194		OBS	0691	1646	36245	2661			15248												
194		OBS	T1390	0492	35047	2774			14938												

TABLE XIV. Observed and interpolated oceanographic data taken by USCGC McCULLOCH, 8-10 September 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1526.—Continued

REFERENCE SHIP CODE	SHIP NO.	LATITUDE 1/10	LONGITUDE 1/10	MARSSEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPL.	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES (1/10)	NODC STATION NUMBER
					10'	1'	MO DAT HR:1/10		CRUISE NO.	STATION NUMBER			DIR	HGT	PER			
				WATER		WIND		AIR TEMP. °C		VIS		NO. OBS. DEPTHS		SPECIAL OBSERVATIONS				
				COLOR	TRANSP.	DIR.	SPED. OR FORCE	BARO-METER (mb)	DBT BULB	WET BULB	VIS CODE	NO. OBS. DEPTHS	SPECIAL OBSERVATIONS					
				16	16	16	16	130	259	239	7	13						
MESSAGE TIME HR. 1/10	CASE NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-σ _t	S.D.D. DTN. M x 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₃ -N μg - ml/l	NO ₂ -N μg - ml/l	SiO ₄ -Si μg - ml/l	PH	SIC	
311526	ML	33115N	07204 W	116 32 09 08 222	1969	A6	1005		5200		17	6	2	X2	7	8	0005	
		STD	0000	2692	3654	2393	0039897	0000	15409									
		OBS	0000	2692	36543	2393			15409									
		STD	0010	2693	3654	2392	0039982	0040	15411									
		OBS	0011	2693	36541	2392			15411									
		STD	0020	2692	3654	2392	0039998	0080	15412									
		STD	0030	2690	3654	2393	0040004	0120	15414									
		OBS	0033	2690	36539	2393			15414									
		STD	0050	2413	3668	2490	0030868	0191	15355									
		OBS	0051	2400	36690	2494			15352									
		STD	0075	2183	3667	2556	0024679	0260	15302									
		OBS	0076	2175	36672	2558			15300									
		STD	0100	2070	3664	2584	0022013	0319	15276									
		STD	0125	1983	3662	2606	0020089	0371	15256									
		STD	0150	1919	3659	2620	0018791	0420	15242									
		OBS	0153	1913	36582	2621			15241									
		STD	0200	1863	3662	2637	0017386	0510	15235									
		OBS	0202	1861	36616	2637			15235									
		STD	0250	1835	3656	2640	0017280	0597	15235									
		OBS	T0252	1834	36558	2640			15235									
		STD	0300	1813	3653	2643	0017114	0683	15236									
		OBS	0301	1812	36531	2643			15236									
		STD	0400	1810	3650	2641	0017665	0857	15251									
		OBS	T0498	1761	36460	2650			15253									
		STD	0500	1759	3646	2651	0017033	1030	15253									
		STD	0600	1642	3621	2660	0016424	1198	15231									
		STD	0700	1499	3596	2673	0015324	1356	15200									
		OBS	0760	1401	35811	2683			15177									
		STD	0800	1303	3569	2694	0013411	1500	15150									
		STD	0900	1081	3541	2715	0011360	1624	15086									
		STD	1000	0893	3519	2730	0009820	1730	15031									
		OBS	T1036	0833	35123	2734			15014									
		STD	1100	0791	3511	2739	0008893	1823	15008									
		STD	1200	0725	3509	2747	0008171	1909	15000									
		STD	1300	0647	3506	2755	0007458	1987	14990									
		STD	1400	0594	3504	2761	0006760	2058	14981									
		STD	1500	0528	3502	2768	0006085	2122	14971									
		OBS	T1599	0463	34997	2774			14960									

REFERENCE SHIP CODE	SHIP NO.	LATITUDE 1/10	LONGITUDE 1/10	MARSSEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPL.	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES (1/10)	NODC STATION NUMBER
					10'	1'	MO DAT HR:1/10		CRUISE NO.	STATION NUMBER			DIR	HGT	PER			
				WATER		WIND		AIR TEMP. °C		VIS		NO. OBS. DEPTHS		SPECIAL OBSERVATIONS				
				COLOR	TRANSP.	DIR.	SPED. OR FORCE	BARO-METER (mb)	DBT BULB	WET BULB	VIS CODE	NO. OBS. DEPTHS	SPECIAL OBSERVATIONS					
				16	16	16	16	101	269	249	1	14						
MESSAGE TIME HR. 1/10	CASE NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-σ _t	S.D.D. DTN. M x 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₃ -N μg - ml/l	NO ₂ -N μg - ml/l	SiO ₄ -Si μg - ml/l	PH	SIC	
311526	ML	33365N	07238 W	116 32 09 09 015	1969	A6	1006		4938		17	7	3	X6	5	8	0006	
		STD	0000	2684	3645	2388	0040329	0000	15406									
		OBS	0000	2684	36449	2388			15406									
		STD	0010	2687	3646	2388	0040376	0040	15409									
		OBS	0010	2687	36461	2388			15409									
		STD	0020	2667	3648	2396	0039687	0080	15406									
		STD	0030	2646	3649	2403	0039003	0120	15403									
		OBS	0031	2644	36493	2404			15403									
		OBS	0048	2329	36685	2515			15334									
		STD	0050	2311	3668	2519	0028016	0187	15330									
		OBS	0072	2155	36670	2563			15294									
		STD	0075	2145	3667	2566	0023676	0251	15292									
		OBS	0096	2080	36682	2585			15278									
		STD	0100	2066	3668	2588	0021647	0308	15275									
		STD	0125	1991	3666	2607	0019966	0360	15259									
		OBS	0139	1957	36647	2615			15252									
		STD	0150	1938	3663	2619	0018945	0409	15248									
		OBS	T0179	1894	36605	2628			15240									
		STD	0200	1869	3659	2633	0017713	0500	15236									
		OBS	T0217	1854	36572	2636			15235									
		STD	0250	1836	3656	2639	0017340	0588	15235									
		OBS	0255	1834	36552	2639			15235									
		STD	0300	1823	3655	2642	0017237	0674	15239									
		STD	0400	1780	3650	2649	0016880	0845	15243									
		OBS	0400	1780	36504	2649			15243									
		STD	0500	1715	3638	2655	0016570	1012	15239									
		OBS	0509	1634	36201	2661			15227									
		STD	0600	1623	3616	2660	0016349	1177	15225									
		STD	0700	1504	3584	2663	0016300	1340	15200									
		OBS	0704		35617													
		STD	0800	1359	3558	2674	0015360	1498	15167									
		STD	0900	1187	3536	2691	0013740	1644	15123									
		STD	1000	0988	3519	2714	0014479	1770	15066									
		STD	1100	0763	3508	2741	0008655	1871	14997									
		OBS	T1599	0577	35026	2762			14936									

TABLE XIV. Observed and interpolated oceanographic data taken by USCGC McCULLOCH, 8-10 September 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1526.—Continued

REFERENCE SHIP CODE	SHIP ID. NO.	LATITUDE 1/10	LONGITUDE 1/10	MARSIN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPL.	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES TPT AMT	NODC STATION NUMBER																									
					10'	1'	MO		DAY	HR:2/10			CRUISE NO.	STATION NUMBER	DIR				HGT	PER	SEA																						
311526	ML	34150N	073550W	116 43	09 09	185	1969	A6	1007	4170		28			X1	816	0007																										
<table border="1"> <thead> <tr> <th colspan="2">WATER</th> <th colspan="2">WIND</th> <th rowspan="2">BARO- METER (mb)</th> <th colspan="2">AIR TEMP. °C</th> <th rowspan="2">SPL CODE</th> <th rowspan="2">NO. OBS. DEPTH</th> <th rowspan="2">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>COLOR CODE</th> <th>TRAN- SP.</th> <th>DIR</th> <th>SPEED OF FORCE</th> <th>DRY RULE</th> <th>WET RULE</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td>29</td> <td>513</td> <td>110</td> <td>285</td> <td>240</td> <td>7</td> <td>13</td> <td></td> </tr> </tbody> </table>																		WATER		WIND		BARO- METER (mb)	AIR TEMP. °C		SPL CODE	NO. OBS. DEPTH	SPECIAL OBSERVATIONS	COLOR CODE	TRAN- SP.	DIR	SPEED OF FORCE	DRY RULE	WET RULE			29	513	110	285	240	7	13	
WATER		WIND		BARO- METER (mb)	AIR TEMP. °C		SPL CODE	NO. OBS. DEPTH	SPECIAL OBSERVATIONS																																		
COLOR CODE	TRAN- SP.	DIR	SPEED OF FORCE		DRY RULE	WET RULE																																					
		29	513	110	285	240	7	13																																			
MISSING TIME HR 1/10	CAS NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-10 ³	Σ Δ σ DYN. M. x 10 ²	SOUND VELOCITY	O ₂ ml/l	PO ₂ -P μg - 0/1/	TOTAL-P μg - 0/1/	NO ₂ -N μg - 0/1/	NO ₃ -N μg - 0/1/	SiO ₂ -Si μg - 0/1/	pH	CL CODE																										
185		STD	0000	2734	3620	2354	0043623	0000	15415																																		
		OBS	0000	2734	36204	2354			15415																																		
185		OBS	0009	2728	36205	2356			15415																																		
		STD	0010	2727	3621	2356	0043429	0044	15415																																		
		STD	0020	2715	3621	2360	0043049	0087	15414																																		
		STD	0030	2703	3622	2365	0042659	0130	15413																																		
185		OBS	0037	2694	36226	2368			15412																																		
185		OBS	0045	2556	36398	2425			15384																																		
		STD	0050	2447	3647	2463	0033367	0206	15360																																		
185		OBS	0068	2159	36654	2561			15294																																		
		STD	0075	2123	3665	2571	0023226	0276	15286																																		
185		OBS	0094	2034	36655	2595			15265																																		
		STD	0100	2008	3665	2602	0020377	0331	15259																																		
		STD	0125	1920	3661	2622	0018552	0380	15239																																		
185		OBS	0130	1906	36606	2625			15236																																		
		STD	0150	1874	3659	2632	0017657	0425	15230																																		
185		OBS	T0177	1839	36568	2639			15224																																		
		STD	0200	1815	3655	2644	0016697	0511	15221																																		
185		OBS	T0215	1804	36535	2645			15220																																		
		STD	0250	1791	3651	2647	0016564	0594	15221																																		
185		OBS	0254	1789	36510	2647			15221																																		
		STD	0300	1778	3649	2648	0016593	0677	15226																																		
185		OBS	T0397	1717	36437	2654			15229																																		
185		OBS	T1196	0467	34999	2773			14894																																		
		STD	1200	0466	3500	2773	0005040		14895																																		
		STD	1300	0452	3499	2775	0004999		14905																																		
		STD	1400	0437	3499	2776	0004953		14916																																		
		STD	1500	0422	3498	2777	0004895		14926																																		
185		OBS	T1730	0388	34963	2779			14951																																		

REFERENCE SHIP CODE	SHIP ID. NO.	LATITUDE 1/10	LONGITUDE 1/10	MARSIN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPL.	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES TPT AMT	NODC STATION NUMBER																									
					10'	1'	MO		DAY	HR:2/10			CRUISE NO.	STATION NUMBER	DIR				HGT	PER	SEA																						
311526	ML	3427 N	07403 W	116 44	09 09	206	1969	A6	1008	3846		29	5	6		8	5	0008																									
<table border="1"> <thead> <tr> <th colspan="2">WATER</th> <th colspan="2">WIND</th> <th rowspan="2">BARO- METER (mb)</th> <th colspan="2">AIR TEMP. °C</th> <th rowspan="2">SPL CODE</th> <th rowspan="2">NO. OBS. DEPTH</th> <th rowspan="2">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>COLOR CODE</th> <th>TRAN- SP.</th> <th>DIR</th> <th>SPEED OF FORCE</th> <th>DRY RULE</th> <th>WET RULE</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td>33</td> <td>505</td> <td>110</td> <td>279</td> <td>232</td> <td>7</td> <td>15</td> <td></td> </tr> </tbody> </table>																		WATER		WIND		BARO- METER (mb)	AIR TEMP. °C		SPL CODE	NO. OBS. DEPTH	SPECIAL OBSERVATIONS	COLOR CODE	TRAN- SP.	DIR	SPEED OF FORCE	DRY RULE	WET RULE			33	505	110	279	232	7	15	
WATER		WIND		BARO- METER (mb)	AIR TEMP. °C		SPL CODE	NO. OBS. DEPTH	SPECIAL OBSERVATIONS																																		
COLOR CODE	TRAN- SP.	DIR	SPEED OF FORCE		DRY RULE	WET RULE																																					
		33	505	110	279	232	7	15																																			
MISSING TIME HR 1/10	CAS NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-10 ³	Σ Δ σ DYN. M. x 10 ²	SOUND VELOCITY	O ₂ ml/l	PO ₂ -P μg - 0/1/	TOTAL-P μg - 0/1/	NO ₂ -N μg - 0/1/	NO ₃ -N μg - 0/1/	SiO ₂ -Si μg - 0/1/	pH	CL CODE																										
		STD	0000	2725	3621	2357	0043338	0000	15413																																		
		OBS	0000	2725	36205	2357			15413																																		
206		OBS	0007	2722	36193	2357			15413																																		
		STD	0010	2719	3620	2358	0043267	0043	15413																																		
		STD	0020	2710	3621	2362	0042937	0086	15413																																		
206		OBS	0022	2708	36210	2362			15413																																		
		STD	0030	2667	3627	2380	0041224	0128	15406																																		
206		OBS	0035	2615	36327	2401			15395																																		
		STD	0050	2319	3661	2512	0028743	0198	15331																																		
206		OBS	0052	2290	36630	2522			15324																																		
206		OBS	0069	2139	36652	2566			15289																																		
		STD	0075	2132	3665	2568	0023496	0264	15288																																		
		STD	0100	2104	3665	2576	0022844	0322	15285																																		
206		OBS	0105	2098	36646	2577			15284																																		
		STD	0125	1982	3661	2605	0020100	0375	15256																																		
206		OBS	T0143	1908	36592	2623			15238																																		
		STD	0150	1893	3658	2626	0018194	0423	15235																																		
206		OBS	T0176	1849	36564	2636			15227																																		
		STD	0200	1831	3655	2640	0017081	0511	15225																																		
206		OBS	0212	1823	36549	2642			15225																																		
		STD	0250	1816	3654	2643	0016967	0597	15229																																		
		STD	0300	1796	3652	2646	0016805	0681	15231																																		
206		OBS	T0358	1758	36467	2652			15229																																		
		STD	0400	1669	3641	2669	0014957	0840	15209																																		
		STD	0500	1469	3623	2701	0012129	0975	15161																																		
206		OBS	0562		36075																																						
		STD	0600	1286	3590	2714	0011015	1091	15114																																		
		STD	0700	1118	3551	2716	0010860	1200	15067																																		
206		OBS	T0790	0980	35229	2718			15029																																		
206		OBS	T1306	0440	34981	2775			14901																																		
		STD	1400	0429	3498	2776	0004898		14913																																		
		STD	1500	0418	3498	2777	0004864		14925																																		
		STD	1750	0390	3497	2779	0004760		14955																																		
206		OBS	T1820	0382	34967	2780			14964																																		

TABLE XIV. Observed and interpolated oceanographic data taken by USCGC McCULLOCH, 8-10 September 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1526.—Continued

REFERENCE CITY ID. NO.	SHIP CODE	LATITUDE ° '"/10	LONGITUDE ° '"/10	MAGNETIC CORRECTION °	MAGNETIC SQUARE			STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SWATH	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES TTL A-101	NODC STATION NUMBER		
					10"	1'	MO	DAY	HR	MIN		CRUISE NO.	STATION NUMBER			DR	HGT	PER				DIR	
311526	ML	34325N	074215W	116	44	09	09	230	1969	A6	1009	3383			28	5	7	X1	8	7	0009		
				WATER		WIND		BARO- METER		AIR TEMP °C		NO. OBS. DEPTH		SPECIAL OBSERVATIONS									
				COLOR CODE		TRANL (m)		DIAL		SPEED OF FORCE		METER (mb)		DRY BUL		WET BUL		VIS CODE					
				02		S03		125		261		222		7		15							
REFERENCE HR 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-20°C	S D O IN. x 10 ³	SOUND VELOCITY	D ₂ m/s	PO ₄ -P µg - ml/l	TOTAL-P µg - ml/l	NO ₃ -N µg - ml/l	NO ₂ -N µg - ml/l	SI O ₄ -S µg - ml/l	pH	T CODE						
	230	STO	0000	2783	3606	2327	0046207	0000	15424														
		OBS	0000	2783	36056	2327			15424														
		STO	0010	2784	3605	2326	0046292	0046	15426														
	230	OBS	0011	2784	36054	2326			15426														
		STO	0020	2775	3609	2332	0045805	0092	15426														
		STO	0030	2765	3613	2338	0045263	0138	15426														
	230	OBS	0033	2762	36139	2340			15426														
		STO	0050	2383	3663	2495	0030384	0213	15347														
	230	OBS	0050	2383	36631	2495			15347														
		STO	0075	2212	3670	2550	0025242	0283	15309														
	230	OBS	0077	2201	36709	2553			15307														
		STO	0100	2094	3666	2580	0022466	0343	15282														
	230	OBS	0101	2089	36654	2580			15281														
		STO	0125	1983	3663	2607	0019981	0396	15256														
		STO	0150	1902	3660	2626	0018270	0444	15238														
	230	OBS	0151	1899	36594	2626			15237														
		STO	0200	1822	3651	2639	0017183	0532	15222														
	230	OBS	T0200	1822	36506	2639			15222														
	230	OBS	T0246	1802	36502	2643			15224														
		STO	0250	1802	3650	2643	0016921	0617	15224														
	230	OBS	0297	1791	36493	2645			15229														
		STO	0300	1791	3649	2645	0016902	0702	15229														
		STO	0400	1758	3642	2648	0016963	0871	15235														
	230	OBS	T0493	1651	36240	2660			15217														
		STO	0500	1630	3620	2662	0015905	1036	15211														
		STO	0600	1344	3573	2689	0013422	1182	15131														
		STO	0700	1092	3538	2710	0011326	1306	15057														
	230	OBS	0748	0983	35251	2720			15024														
		STO	0800	0872	3520	2734	0009015	1408	14991														
		STO	0900	0688	3510	2753	0007031	1488	14935														
		STO	1000	0541	3503	2767	0005586	1551	14892														
	230	OBS	1007	0532	35028	2768			14890														
		STO	1100	0505	3502	2771	0005291	1605	14894														
		STO	1200	0479	3501	2773	0005127	1657	14900														
		STO	1300	0455	3501	2776	0004912	1708	14907														
		STO	1400	0434	3500	2777	0004805	1756	14915														
		STO	1500	0415	3500	2779	0004647	1804	14924														
	230	OBS	T1555	0406	34997	2780			14929														
		STO	1750	0380	3500	2782	0004436	1917	14951														
		STO	2000	0361	3499	2784	0004402	2028	14986														
	230	OBS	T2135	0357	34991	2784			15007														

TABLE XIV. Observed and interpolated oceanographic data taken by USCGC McCULLOCH, 8-10 September 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1526.—Continued

REFERENCE CTD CODE	SHIP ID. NO.	LATITUDE 1/10	LONGITUDE 1/10	MARBON SQUARE		STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER	
				1°	1'	MO	DAY	HR		MIN	SEC			CRUISE NO.	STATION NUMBER	DIR				HGT
311526	ML	3440 N	07430 W	116	44	09	10	014	1969	A6	1010	3200			02	2	5	X1	8 2	0010
				WATER		WIND		BARO- METER		AIR TEMP °C		NO. OBS. DEPTHS		SPECIAL OBSERVATIONS						
				COLOR CODE	TEMP. (°C)	DIR.	SPEED OR FORCE	WET BULB	DRY BULB	WET BULB	VIS. CODE									
				03	S05		145	270	230	7	15									
MESSAGE NR 1/10	CAST NO.	CARD TYPE	DEPTH (M)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-20°	S ₀ DIN. M x 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P µg - ml/l	TOTAL-P µg - ml/l	NO ₃ -N µg - ml/l	NO ₂ -N µg - ml/l	SiO ₄ -Si µg - ml/l	PH	S CODE			
	014	STD	0000	2834	3593	2301	0048684	0000	15433											
		OBS	0000	2834	35934	2301			15433											
		STD	0010	2834	3594	2301	0048669	0049	15435											
	014	OBS	0010	2834	35942	2301			15435											
		STD	0020	2835	3595	2302	0048663	0097	15437											
		STD	0030	2835	3596	2302	0048657	0146	15439											
	014	OBS	0030	2835	35960	2302			15439											
	014	OBS	0045	2666	36202	2375			15407											
		STD	0050	2591	3631	2407	0038733	0233	15392											
	014	OBS	0068	2389	36596	2490			15351											
		STD	0075	2351	3663	2504	0029591	0319	15343											
	014	OBS	0090	2285	36692	2528			15330											
		STD	0100	2269	3669	2532	0026997	0390	15328											
		STD	0125	2230	3668	2543	0026068	0456	15322											
	014	OBS	0133	2217	36680	2546			15320											
		STD	0150	2073	3664	2583	0022305	0716	15285											
	014	OBS	T0174	1938	36606	2617			15252											
		STD	0200	1904	3659	2624	0018571	0819	15246											
	014	OBS	T0213	1887	36578	2628			15243											
		STD	0250	1837	3654	2638	0017473	0709	15235											
	014	OBS	0256	1829	36528	2639			15233											
		STD	0300	1808	3649	2641	0017309	0796	15234											
		STD	0400	1687	3629	2655	0016240	0963	15213											
	014	OBS	T0408	1673	36269	2657			15210											
		STD	0500	1410	3582	2682	0013854	1114	15137											
	014	OBS	0594	1160	35461	2704			15064											
		STD	0600	1143	3545	2706	0011525	1241	15059											
		STD	0700	0881	3523	2735	0008762	1342	14978											
	014	OBS	0798	0680	35066	2752			14915											
		STD	0800	0678	3507	2752	0006979	1421	14914											
		STD	0900	0589	3504	2762	0006015	1486	14895											
		STD	1000	0515	3502	2770	0005294	1542	14882											
		STD	1100	0457	3500	2775	0004803	1593	14874											
	014	OBS	T1188	0419	34981	2777			14873											
		STD	1200	0418	3498	2777	0004543	1639	14875											
		STD	1300	0410	3498	2778	0004545	1685	14888											
		STD	1400	0403	3498	2779	0004543	1730	14902											
		STD	1500	0395	3498	2780	0004539	1776	14915											
	014	OBS	T1547	0391	34978	2780			14921											

TABLE XIV. Observed and interpolated oceanographic data taken by USCGC McCULLOCH, 8-10 September 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1526.—Continued

REFERENCE		SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	WATER SURFACE TEMPERATURE	MARSDEN SQUARE			STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEATHER CODE	CLOUD CODES TIME (A-U)	NODC STATION NUMBER	
CHY CODE	ID. NO.					10'	1'	MO	DAY	HR	1/10		CRUISE NO.	STATION NUMBER			DIR	HGT	PER				STA
311526	ML		3455 N	07446 W	11.6	44	09	10	026	1969	A6	1011	2834			04	1	5		X1	8	2	0011
					WATER			WIND			AIR TEMP °C			NO. OBS DEPTHS		SPECIAL OBSERVATIONS							
					COLOR CODE	TRANS. (m)	DIR	SPEED OR FORCE	BARO-METER (mb)	DRY BULB	WET BULB	WIND CODE	NO. OBS DEPTHS	SPECIAL OBSERVATIONS									
					05	510		145	270	215	7	15											
MESSAGE TIME HR 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY- σ_{θ}	$\Sigma \Delta \sigma$ DYN. M $\times 10^3$	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P $\mu\text{g} \cdot \text{lit}^{-1}$	TOTAL-P $\mu\text{g} \cdot \text{lit}^{-1}$	NO ₂ -N $\mu\text{g} \cdot \text{lit}^{-1}$	NO ₃ -N $\mu\text{g} \cdot \text{lit}^{-1}$	SiO ₄ -S $\mu\text{g} \cdot \text{lit}^{-1}$	pH	S. TEMP						
		STD	0000	2837	3388	2295	0049196	0000	15433														
026		OBS	0000	2837	35876	2295			15433														
026		OBS	0009	2831	35883	2298			15434														
		STD	0010	2831	3588	2298	0048997	0049	15434														
		STD	0020	2833	3589	2298	0049026	0098	15436														
026		OBS	0027	2834	35900	2298			15438														
		STD	0030	2782	3603	2325	0046489	0146	15428														
026		OBS	0042	2595	36391	2412			15393														
		STD	0050	2492	3639	2443	0035279	0428	15370														
026		OBS	0065	2333	36373	2490			15334														
		STD	0075	2258	3655	2525	0027594	0306	15319														
026		OBS	0085	2191	36666	2553			15305														
		STD	0100	2133	3664	2567	0023685	0370	15292														
		STD	0125	2050	3660	2587	0021905	0427	15274														
026		OBS	0126		36594																		
		STD	0150	1981	3656	2602	0020528	0480	15259														
026		OBS	0166	1945	36541	2610			15252														
		STD	0200	1890	3652	2623	0018718	0578	15242														
026		OBS	10201	1888	36521	2623			15241														
026		OBS	0234	1832	36474	2634			15230														
		STD	0250	1823	3637	2628	0018364	0671	15229														
		STD	0300	1771	3608	2619	0019392	0766	15219														
026		OBS	T0353	1678																			
		STD	0400	1523	3561	2641	0017491	0950	15154														
		STD	0500	1198	3528	2683	0013555	1105	15059														
026		OBS	0511	1163	35251	2687			15049														
		STD	0600	0842	3514	2734	0008594	1216	14946														
		STD	0700	0564	3505	2766	0005366	1286	14852														
026		OBS	0712	0537	35042	2769			14843														
		STD	0800	0510	3503	2771	0004932	1337	14847														
		STD	0900	0482	3502	2773	0004761	1386	14852														
		STD	1000	0459	3501	2775	0004650	1433	14859														
		STD	1100	0439	3500	2777	0004571	1479	14867														
026		OBS	T1159	0429	34998	2778			14867														
		STD	1200	0423	3500	2778	0004495	1524	14877														
		STD	1300	0410	3499	2779	0004453	1569	14888														
		STD	1400	0402	3499	2780	0004471	1614	14901														
		STD	1500	0397	3498	2780	0004525	1659	14916														
026		OBS	T1551	0396	34982	2780			14924														

REFERENCE		SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	WATER SURFACE TEMPERATURE	MARSDEN SQUARE			STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEATHER CODE	CLOUD CODES TIME (A-U)	NODC STATION NUMBER	
CHY CODE	ID. NO.					10'	1'	MO	DAY	HR	1/10		CRUISE NO.	STATION NUMBER			DIR	HGT	PER				STA
311526	ML		3506 N	07502 W	11.6	55	09	10	061	1969	A6	1012	1035			16	3	4		X1	2	3	0012
					WATER			WIND			AIR TEMP °C			NO. OBS DEPTHS		SPECIAL OBSERVATIONS							
					COLOR CODE	TRANS. (m)	DIR	SPEED OR FORCE	BARO-METER (mb)	DRY BULB	WET BULB	WIND CODE	NO. OBS DEPTHS	SPECIAL OBSERVATIONS									
					06	510		145	253	202	7	12											
MESSAGE TIME HR 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY- σ_{θ}	$\Sigma \Delta \sigma$ DYN. M $\times 10^3$	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P $\mu\text{g} \cdot \text{lit}^{-1}$	TOTAL-P $\mu\text{g} \cdot \text{lit}^{-1}$	NO ₂ -N $\mu\text{g} \cdot \text{lit}^{-1}$	NO ₃ -N $\mu\text{g} \cdot \text{lit}^{-1}$	SiO ₄ -S $\mu\text{g} \cdot \text{lit}^{-1}$	pH	S. TEMP						
		STD	0000	2671	3583	2346	0044376	0000	15397														
		OBS	0000	2671	35831	2346			15397														
		STD	0010	2669	3581	2345	0044493	0044	15398														
061		OBS	0013	2666	35806	2345			15397														
		STD	0020	2650	3586	2354	0043624	0088	15396														
061		OBS	0038	2610	35043	2381			15393														
		STD	0050	2450	3624	2445	0035109	0409	15359														
061		OBS	0058	2345	36324	2483			15335														
		STD	0075	2121	3631	2545	0025657	0285	15281														
061		OBS	0087	1972	36282	2583			15243														
		STD	0100	1805	3621	2620	0018574	0340	15197														
061		OBS	0116	1639	36130	2654			15150														
		STD	0125	1601	3608	2659	0014931	0382	15139														
		STD	0150	1492	3594	2673	0013674	0418	15107														
061		OBS	0172	1392	35814	2685			15077														
		STD	0200	1242	3563	2701	0011064	0480	15030														
061		OBS	T0226	1127	35481	2712			14992														
		STD	0250	1047	3535	2716	0009712	0532	14966														
061		OBS	T0279	0942	35225	2721			14939														
		STD	0300	0910	3517	2725	0008871	0578	14922														
061		OBS	0331	0839	35102	2731			14900														
		STD	0400	0695	3505	2749	0006715	0656	14855														
		STD	0500	0543	3500	2765	0005206	0716	14810														
061		OBS	T0525	0515	34991	2767			14803														
		STD	0600	0497	3499	2769	0004841	0766	14807														
		STD	0700	0473	3498	2771	0004693	0813	14814														
061		OBS	0764	0457	34980	2773			14818														

TABLE XV. Observed and interpolated oceanographic data taken by USCGC ABSECON, 16-17 November 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1566.

REFERENCE CRUISE CODE	SHIP ID. NO.	LATITUDE ° 10'	LONGITUDE ° 10'	WADSWORTH SQUARE 10'	STATION TIME (GMT)			YEAR	ORIGINATOR'S STATION NUMBER		DEPTH ID	MAX DEPTH OF SAMPLING	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES (1-4)	NODC STATION NUMBER		
					MO	DAY	HR:10		CRUISE NO.	STATION NUMBER			DIR	HGT	PER				SEA	
311566	AZ	3156 N	07006 W	116	10	11	16	096	1969	A6	1101	5303		30	2	3	X1	6	4	0001
				WATER		WIND		AIR TEMP °C												
				COLOR	TRANSP	DIR	SPEED OR FORCE	BARO- METER (MMHG)	DBT BULB	WBT BULB	VIS CODE	NO. OBS. DEPTH	SPECIAL OBSERVATIONS							
				31	519		255	159	117	7	14									
MESSAGE TIME HR 1/10	CAS NO.	CARD TYPE	DEPTH (M)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY (10 ³)	Σ Δ D DYN. M 10 ³	SOUND VELOCITY	D ₂ (M/L)	PO ₄ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₂ -N μg - ml/l	NO ₃ -N μg - ml/l	SiO ₄ -Si μg - ml/l	pH	S CODE			
		STO	0000	2275	3647	2514	0028340	0000	15310											
	096	OBS	0000	2275	36470	2514			15310											
		STO	0010	2272	3647	2515	0028291	0028	15311											
	096	OBS	0011	2272	36472	2515			15311											
		STO	0020	2270	3647	2515	0028279	0057	15312											
		STO	0030	2269	3647	2516	0028272	0085	15314											
	096	OBS	0034	2268	36472	2516			15314											
	096	OBS	0040	2269	36478	2516			15315											
		STO	0050	2250	3651	2524	0027548	0141	15313											
		STO	0075	2201	3659	2544	0025732	0407	1.05											
	096	OBS	0076	2199	36597	2545			15305											
		STO	0100	1988	3660	2603	0020232	0465	15253											
	096	OBS	0102	1973	36601	2607			15249											
		STO	0125	1926	3659	2619	0018823	0314	15240											
		STO	0150	1883	3658	2629	0017920	0359	15232											
	096	OBS	0151		36584															
	096	OBS	0199	1825	36547	2641			15223											
		STO	0200	1825	3655	2641	0016958	0447	15223											
	096	OBS	0246	1831	36521	2645			15224											
		STO	0250	1798	3652	2646	0016681	0531	15224											
	096	OBS	T0243	1774	36491	2650			15223											
		STO	0300	1774	3649	2650	0016479	0614	15224											
		STO	0400	1767	3648	2651	0016721	0780	15239											
	096	OBS	0468	1762	36476	2651			15248											
		STO	0500	1680	3647	2671	0015104	0939	15229											
		STO	0600	1441	3635	2716	0010956	1069	15170											
	096	OBS	0673		36139															
		STO	0700	1224	3596	2731	0009614	1172	15110											
		STO	0800	1031	3543	2725	0010078	1270	15052											
	096	OBS	T0848	0947	35249	2726			15027											
		STO	0900	0862	3521	2736	0008951	1366	15004											
		STO	1000	0716	3514	2753	0007310	1447	14963											
		STO	1100	0593	3507	2764	0006148	1514	14931											
	096	OBS	T1130	0561	35049	2766			14922											

REFERENCE CRUISE CODE	SHIP ID. NO.	LATITUDE ° 10'	LONGITUDE ° 10'	WADSWORTH SQUARE 10'	STATION TIME (GMT)			YEAR	ORIGINATOR'S STATION NUMBER		DEPTH ID	MAX DEPTH OF SAMPLING	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES (1-4)	NODC STATION NUMBER		
					MO	DAY	HR:10		CRUISE NO.	STATION NUMBER			DIR	HGT	PER				SEA	
311566	AZ	3214 N	07035 W	116	20	11	16	130	1969	A6	1102	5304		26	2	2	X1	8	6	0002
				WATER		WIND		AIR TEMP °C												
				COLOR	TRANSP	DIR	SPEED OR FORCE	BARO- METER (MMHG)	DBT BULB	WBT BULB	VIS CODE	NO. OBS. DEPTH	SPECIAL OBSERVATIONS							
				31	512		262	178	125	7	13									
MESSAGE TIME HR 1/10	CAS NO.	CARD TYPE	DEPTH (M)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY (10 ³)	Σ Δ D DYN. M 10 ³	SOUND VELOCITY	D ₂ (M/L)	PO ₄ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₂ -N μg - ml/l	NO ₃ -N μg - ml/l	SiO ₄ -Si μg - ml/l	pH	S CODE			
		STO	0000	2262	3648	2519	0027884	0000	15307											
	130	OBS	0000	2262	36484	2519			15307											
		STO	0010	2262	3648	2519	0027923	0028	15309											
	130	OBS	0010	2262	36484	2519			15309											
		STO	0020	2259	3649	2520	0027879	0056	15310											
		STO	0030	2256	3649	2521	0027825	0084	15311											
	130	OBS	0031	2256	36487	2521			15311											
	130	OBS	0049	2256	36487	2521			15314											
		STO	0050	2256	3649	2521	0027901	0139	15314											
	130	OBS	0074	2261	36486	2519			15319											
		STO	0075	2246	3649	2524	0027699	0209	15316											
	130	OBS	0098	1986	36592	2603			15252											
		STO	0100	1986	3659	2603	0020244	0269	15252											
		STO	0125	1981	3657	2603	0020367	0320	15255											
	130	OBS	0147	1977	36550	2602			15257											
		STO	0150	1963	3655	2606	0020148	0370	15254											
	130	OBS	T0197	1805	36523	2644			15217											
		STO	0200	1803	3652	2645	0016627	0462	15217											
	130	OBS	0247	1779	36494	2649			15217											
		STO	0250	1777	3649	2649	0016398	0545	15217											
	130	OBS	0297	1752	36474	2654			15217											
		STO	0300	1752	3647	2653	0016122	0626	15218											
		STO	0400	1728	3641	2655	0016327	0788	15226											
	130	OBS	0499	1661	36305	2663			15221											
		STO	0500	1658	3630	2663	0015823	0949	15221											
		STO	0600	1384	3597	2699	0012507	1091	15147											
		STO	0700	1143	3567	2724	0010164	1204	15078											
		STO	0800	0935	3543	2742	0008393	1297	15017											
		STO	0900	0759	3522	2753	0007235	1375	14965											
		STO	1000	0615	3506	2760	0006402	1443	14923											
	130	OBS	T1018	0593	35040	2761			14916											
		STO	1100	0567	3504	2764	0006035	1505	14920											
		STO	1200	0535	3503	2768	0005764	1564	14923											
		STO	1300	0504	3502	2771	0005492	1621	14927											
		STO	1400	0472	3501	2774	0005214	1674	14931											
		STO	1500	0440	3501	2777	0004926	1725	14934											
	130	OBS	T1566	0419	35003	2779			14937											

TABLE XV. Observed and interpolated oceanographic data taken by USCGC ABSECON, 16-17 November 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1566.—Continued

REFERENCE CITY CODE	SHIP ID. NO.	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	MARSDEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPL.	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER																															
						10'	1"	MO		DAY	HR./10			CRUISE NO.	STATION NUMBER	DIR.				HGT	PER	SEA	TRN	AMT																										
311566	AZ		32335N	071055W	116	21	11	16	160	1969	A6	1103	5486	26	2	2	X1	6	7	0003																														
<table border="1"> <thead> <tr> <th colspan="3">WATER</th> <th colspan="3">WIND</th> <th colspan="3">AIR TEMP °C</th> <th rowspan="2">NO. OBS. DEPTHS</th> <th rowspan="2">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>COLOR CODE</th> <th>TRANS. (m)</th> <th>DIP</th> <th>SPEED OF FORCE</th> <th>DIR.</th> <th>BARO. METER (mb)</th> <th>DRY BULB</th> <th>WET BULB</th> <th>WIL. CODE</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td>31</td> <td>S18</td> <td>284</td> <td>190</td> <td>130</td> <td>7</td> <td>14</td> <td></td> </tr> </tbody> </table>																				WATER			WIND			AIR TEMP °C			NO. OBS. DEPTHS	SPECIAL OBSERVATIONS	COLOR CODE	TRANS. (m)	DIP	SPEED OF FORCE	DIR.	BARO. METER (mb)	DRY BULB	WET BULB	WIL. CODE				31	S18	284	190	130	7	14	
WATER			WIND			AIR TEMP °C			NO. OBS. DEPTHS	SPECIAL OBSERVATIONS																																								
COLOR CODE	TRANS. (m)	DIP	SPEED OF FORCE	DIR.	BARO. METER (mb)	DRY BULB	WET BULB	WIL. CODE																																										
			31	S18	284	190	130	7	14																																									
MESSAGE TIME HR./10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY- σ_{θ}	$\Delta \sigma_{\theta}$ DIN. M $\times 10^3$	SOUND VELOCITY	O ₂ (ml/l)	PO ₄ -P $\mu\text{g} \cdot \text{ml}^{-1}$	TOTAL-P $\mu\text{g} \cdot \text{ml}^{-1}$	NO ₂ -N $\mu\text{g} \cdot \text{ml}^{-1}$	NO ₃ -N $\mu\text{g} \cdot \text{ml}^{-1}$	SiO ₄ -Si $\mu\text{g} \cdot \text{ml}^{-1}$	pH	CHLOROPHYLL																																	
		STD	0000	2258	3646	2518	0027963	0000	15306																																									
160		OBS	0000	2258	36458	2518			15306																																									
		STD	0010	2259	3646	2518	0028034	0028	15308																																									
160		OBS	0011	2259	36457	2518			15308																																									
		STD	0020	2254	3646	2519	0027939	0056	15308																																									
		STD	0030	2251	3646	2520	0027904	0084	15309																																									
160		OBS	0035	2250	36456	2520			15310																																									
		STD	0050	2252	3645	2519	0028032	0140	15312																																									
160		OBS	0055	2252	36449	2519			15313																																									
		STD	0075	2098	3656	2570	0023250	0204	15278																																									
160		OBS	0083	2047	36589	2587			15266																																									
		STD	0100	1963	3659	2609	0019712	0458	15246																																									
160		OBS	0110	1920	36583	2620			15236																																									
		STD	0125	1893	3657	2626	0018177	0305	15231																																									
		STD	0150	1855	3656	2635	0017412	0349	15224																																									
160		OBS	0165		36547																																													
		STD	0200	1797	3652	2646	0016484	0434	15215																																									
160		OBS	T0223	1780	36497	2648			15214																																									
		STD	0250	1771	3646	2648	0016473	0517	15215																																									
160		OBS	0275	1762	36427	2648			15216																																									
		STD	0300	1753	3641	2648	0016580	0599	15217																																									
160		OBS	0330	1739	36383	2650			15218																																									
		STD	0400	1712	3634	2653	0016459	0764	15221																																									
		STD	0500	1623	3620	2663	0015746	0925	15209																																									
160		OBS	0548	1558	36105	2671			15195																																									
		STD	0600	1425	3589	2684	0013947	1074	15159																																									
		STD	0700	1191	3554	2704	0012024	1204	15093																																									
		STD	0800	0986	3527	2721	0010445	1316	15034																																									
160		OBS	T0804	0978	35262	2721			15031																																									
		STD	0700	0809	3516	2741	0008465	1411	14983																																									
		STD	1000	0661	3507	2755	0007000	1488	14941																																									
160		OBS	T1095	0547	34999	2764			14910																																									
		STD	1100	0546	3500	2764	0006003	1553	14911																																									
		STD	1200	0522	3500	2767	0005785	1612	14918																																									
		STD	1300	0498	3500	2770	0005568	1669	14924																																									
		STD	1400	0474	3500	2773	0005340	1723	14931																																									
		STD	1500	0450	3500	2775	0005115	1776	14938																																									
160		OBS	T1659	0412	35002	2780			14949																																									

REFERENCE CITY CODE	SHIP ID. NO.	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	MARSDEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPL.	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER																															
						10'	1"	MO		DAY	HR./10			CRUISE NO.	STATION NUMBER	DIR.				HGT	PER	SEA	TRN	AMT																										
311566	AZ		3248 N	07134 W	116	21	11	16	190	1969	A6	1104	5121	06	2	2	X1	8	6	0004																														
<table border="1"> <thead> <tr> <th colspan="3">WATER</th> <th colspan="3">WIND</th> <th colspan="3">AIR TEMP °C</th> <th rowspan="2">NO. OBS. DEPTHS</th> <th rowspan="2">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>COLOR CODE</th> <th>TRANS. (m)</th> <th>DIP</th> <th>SPEED OF FORCE</th> <th>DIR.</th> <th>BARO. METER (mb)</th> <th>DRY BULB</th> <th>WET BULB</th> <th>WIL. CODE</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td>33</td> <td>S21</td> <td>275</td> <td>180</td> <td>147</td> <td>8</td> <td>14</td> <td></td> </tr> </tbody> </table>																				WATER			WIND			AIR TEMP °C			NO. OBS. DEPTHS	SPECIAL OBSERVATIONS	COLOR CODE	TRANS. (m)	DIP	SPEED OF FORCE	DIR.	BARO. METER (mb)	DRY BULB	WET BULB	WIL. CODE				33	S21	275	180	147	8	14	
WATER			WIND			AIR TEMP °C			NO. OBS. DEPTHS	SPECIAL OBSERVATIONS																																								
COLOR CODE	TRANS. (m)	DIP	SPEED OF FORCE	DIR.	BARO. METER (mb)	DRY BULB	WET BULB	WIL. CODE																																										
			33	S21	275	180	147	8	14																																									
MESSAGE TIME HR./10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY- σ_{θ}	$\Delta \sigma_{\theta}$ DIN. M $\times 10^3$	SOUND VELOCITY	O ₂ (ml/l)	PO ₄ -P $\mu\text{g} \cdot \text{ml}^{-1}$	TOTAL-P $\mu\text{g} \cdot \text{ml}^{-1}$	NO ₂ -N $\mu\text{g} \cdot \text{ml}^{-1}$	NO ₃ -N $\mu\text{g} \cdot \text{ml}^{-1}$	SiO ₄ -Si $\mu\text{g} \cdot \text{ml}^{-1}$	pH	CHLOROPHYLL																																	
		STD	0000	2257	3646	2519	0027899	0000	15306																																									
190		OBS	0000	2257	36463	2519			15306																																									
		OBS	0009	2253	36459	2519			15306																																									
		STD	0010	2252	3646	2520	0027838	0028	15306																																									
		STD	0020	2248	3645	2520	0027834	0056	15307																																									
190		OBS	0029	2247	36441	2520			15308																																									
		STD	0030	2247	3644	2520	0027916	0084	15308																																									
190		OBS	0046	2250	36437	2519			15311																																									
		STD	0050	2252	3644	2518	0028125	0140	15312																																									
190		OBS	0069	2267	36448	2517			15317																																									
		STD	0075	2255	3645	2518	0028233	0210	15317																																									
190		OBS	0092	2261	36441	2520			15319																																									
		STD	0100	2249	3649	2523	0027889	0480	15321																																									
		STD	0125	2244	3656	2530	0027446	0349	15324																																									
		STD	0137	2242	36580	2532			15326																																									
		STD	0150	2088	3657	2574	0023200	0412	15288																																									
190		OBS	T0185	1821	36537	2641			15220																																									
		STD	0200	1810	3653	2644	0016722	0512	15219																																									
190		OBS	0230	1791	36509	2647			15218																																									
		STD	0250	1780	3650	2649	0016397	0595	15218																																									
190		OBS	T0274	1767	36486	2651			15218																																									
		STD	0300	1759	3647	2652	0016261	0677	15220																																									
		STD	0400	1727	3642	2656	0016232	0839	15226																																									
190		OBS	0441	1708	36389	2658			15230																																									
		STD	0500	1660	3628	2661	0016014	1000	15221																																									
		STD	0600	1514	3600	2673	0015068	1156	15189																																									
190		OBS	T0686	1364	35765	2687			15152																																									
		STD	0700	1324	3572	2692	0013356	1298	15141																																									
		STD	0800	1165	3542	2718	0010767	1419	15064																																									
		STD	0900	0949	3519	2737	0008847	1517	14998																																									
190		OBS	T0950	0757	35091	2743			14970																																									
		STD	1000	0727	3508	2747	0007909	1601	14967																																									
		STD	1100	0648	3507	2754	0007280	1677	14960																																									
		STD	1200	0609	3505	2761	0006661	1747	14953																																									
		STD	1300	0549	3503	2766	0006053	1810	14946																																									

TABLE XV. Observed and interpolated oceanographic data taken by USCGC ABSECON, 16-17 November 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1566.—Continued

REFERENCE		SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	MARS DEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLE	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODE	NODC STATION NUMBER	
CRUISE CODE	ID. NO.					10"	1"	MO		DAY	HR.1/10			CRUISE NO.	STATION NUMBER	DIR.				HGT.
311566		AZ	3349 N	07305 W	116 33	11	17	041	1969	A6	1107	5029		36	2	3	X1	8	3	0007
WATER		WIND		BARO-		AIR TEMP °C		VIS		NO. 1		SPECIAL								
COLOR		DIR.		METER		DET		WET		OBS.		OBSERVATIONS								
CODE	1/10	1/10	1/10	1/10	1/10	1/10	1/10	1/10	1/10	1/10	1/10	1/10	1/10							
	36	S14	331	331	156	331	156	331	7	14										
MESSAGE TIME HR 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-σ _t	Σ Δ σ DIN. M x 10 ³	SOUND VELOCITY	O ₂ (ml/l)	PO ₄ -P μg - 01/l	TOTAL-P μg - 01/l	NO ₃ -N μg - 01/l	NO ₂ -N μg - 01/l	SiO ₄ -Si μg - 01/l	PH	CHL C			
		STD	0000	2268	3639	2510	0028755	0000	15308											
		041	08S 0000	2268	36386	2510			15308											
		STD	0010	2267	3639	2510	0028767	0029	15309											
		041	08S 0010	2267	36386	2510			15309											
		STD	0020	2264	3639	2511	0028725	0058	15310											
		STD	0030	2262	3639	2512	0028676	0086	15311											
		041	08S 0032	2261	36389	2512			15311											
		STD	0050	2263	3638	2511	0028836	0144	15314											
		041	08S 0050	2263	36383	2511			15314											
		STD	0075	2269	3639	2510	0029042	0216	15320											
		041	08S 0076	2269	36397	2510			15320											
		STD	0100	2248	3661	2533	0026965	0486	15322											
		041	08S 0100	2248	36613	2533			15322											
		STD	0125	2147	3663	2562	0024252	0350	15300											
		STD	0150	2055	3664	2588	0021846	0408	15280											
		041	08S 0151	2052	36640	2589			15279											
		STD	0200	1901	3660	2626	0018425	0508	15246											
		041	08S T0203	1894	36595	2627			15244											
		STD	0250	1833	3656	2640	0017232	0598	15234											
		041	08S 0252	1831	36559	2641			15234											
		STD	0300	1801	3653	2646	0016852	0683	15233											
		041	08S 0303	1799	36525	2646			15233											
		STD	0400	1783	3652	2650	0016836	0851	15244											
		STD	0500	1721	3643	2658	0016350	1017	15241											
		041	08S 0505	1717	36424	2658			15241											
		STD	0600	1610	3618	2665	0015909	1178	15221											
		STD	0700	1460	3593	2679	0014693	1331	15187											
		041	08S T0743	1385	35814	2687			15169											
		STD	0800	1226	3562	2704	0012374	1467	15123											
		STD	0900	0980	3534	2727	0010038	1579	15049											
		STD	1000	0778	3512	2742	0008435	1671	14987											
		041	08S T1013	0755	35094	2743			14980											
		STD	1100	0702	3508	2750	0007708	1752	14974											
		STD	1200	0642	3506	2757	0007056	1826	14966											
		STD	1300	0581	3504	2763	0006424	1893	14959											
		STD	1400	0520	3503	2769	0005794	1954	14951											
		STD	1500	0459	3501	2775	0005176	2009	14942											
		041	08S T1545	0432	35002	2778			14938											

TABLE XV. Observed and interpolated oceanographic data taken by USCGC ABSECON, 16-17 November 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1566.—Continued

REFERENCE		SHIP CODE	LATITUDE ° ' /10	LONGITUDE ° ' /10	MAGNETIC SQUARE		STATION TIME (GMT)		YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEA- THER CODES		NODC STATION NUMBER		
CRUISE CODE	ID NO.				10'	1"	NO	DAY		HR	1/10			CRUISE NO.	STATION NUMBER	GR	HGT	PER		DIR	SEA
311566	AZ		3408 N	07335 W	110	43	11	17	072	1969	A6	1108	4298		06	2	3	X1	8	2	0008
					WATER		WIND		BARO- METER		AIR TEMP °C		VIS CODE	NO. OBS. DEPTHS	SPECIAL OBSERVATIONS						
					CODE	TEMP	DIR	SPEED	NO.	DRY	WET										
					03	31.4	330	157	121	7	14										
MISSION TIME HR 1/10	CASE NO.	CARGO TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY-σ _t	Σ Δ σ DIN. M. ± 10'	SOUND VELOCITY	O ₂ ml/l	NO ₂ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₂ -N μg - ml/l	NO ₃ -N μg - ml/l	SiO ₂ -Si μg - ml/l	pH	S C				
		STO 0000	2240	3640	2518		0027921	0000	15301												
	072	OBS 0000	2240	36396	2518				15301												
		STO 0010	2239	3640	2519		0027909	0028	15302												
	072	OBS 0013	2239	36402	2519				15303												
		STO 0020	2236	3640	2520		0027847	0056	15303												
		STO 0030	2233	3640	2521		0027805	0084	15304												
	072	OBS 0040	2232	36402	2521				15305												
		STO 0050	2234	3640	2520		0027925	0139	15307												
	072	OBS 0061	2236	36397	2520				15310												
		STO 0075	2237	3642	2521		0027946	0209	15312												
	072	OBS 0092	2237	36443	2523				15316												
		STO 0100	2237	3648	2526		0027618	0279	15317												
	072	OBS 0124	2236																		
		STO 0125	2234	3656	2533		0027063	0347	15322												
		STO 0150	2174	3662	2554		0025110	0412	15311												
	072	OBS 0185	2079	36653	2583				15292												
		STO 0200	2018	3663	2597		0021146	0528	15278												
	072	OBS 0247	1880	36570	2629				15247												
		STO 0250	1877	3657	2630		0018230	0626	15247												
		STO 0300	1826	3654	2640		0017381	0715	15240												
	072	OBS 0309	1818	36531	2642				15239												
	072	OBS 70372	1777	36485	2648				15237												
		STO 0400	1777	3647	2647		0017053	0887	15241												
		STO 0500	1737	3638	2650		0017088	1058	15245												
		STO 0600	1638	3622	2661		0016260	1225	15230												
	072	OBS 0625	1604	36173	2666				15223												
		STO 0700	1383	3584	2689		0013707	1375	15161												
		STO 0800	1127	3547	2711		0011554	1501	15087												
		STO 0400	0914	3520	2727		0009912	1608	15023												
	072	OBS 70951	0822	35097	2734				14995												
		STO 1000	0763	3508	2741		0008489	1700	14981												
		STO 1100	0655	3506	2755		0007130	1779	14955												
		STO 1200	0563	3504	2765		0006069	1845	14935												
	072	OBS 11278	0503	35025	2771				14923												
		STO 1300	0499	3502	2771		0005437	1902	14925												
		STO 1400	0481	3501	2773		0005366	1956	14934												
		STO 1500	0462	3499	2773		0005364	2010	14943												
		STO 1750	0417	3497	2777		0005118	2141	14966												
	072	OBS 1916	0386	34968	2780				14981												

TABLE XV. Observed and interpolated oceanographic data taken by USCGC ABSECON, 16-17 November 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1566.—Continued

REFERENCE	SHIP ID. NO.	SNIP CODE	LATITUDE 1/10	LONGITUDE 1/10	MARESDEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEATHER CODE	CLOUD CODES	NODC STATION NUMBER																															
						MO	DAY	HR./10		CRUISE NO.	STATION NUMBER			DIR	HGT	PER				SEA																														
CTRY CODE	NO.					10"	1'																																											
311566	AZ		3415 N	07350 W	116 43	11 17	094	1969	A6	1109	4023		06	2	3	X1	8	2	0009																															
<table border="1"> <thead> <tr> <th colspan="2">WATER</th> <th colspan="3">WIND</th> <th colspan="2">BARO-METER</th> <th colspan="3">AIR TEMP. °C</th> <th rowspan="2">NO. OBS. DEPTHS</th> <th rowspan="2">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>COLOR CODE</th> <th>TRANS. (m)</th> <th>DIR.</th> <th>SPEED OR FORCE</th> <th>READ-METER (mb)</th> <th>DRY BULB</th> <th>WET BULB</th> <th>WIB CODE</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td>05</td> <td>514</td> <td>335</td> <td>155</td> <td>120</td> <td>7</td> <td>15</td> <td></td> <td></td> </tr> </tbody> </table>																				WATER		WIND			BARO-METER		AIR TEMP. °C			NO. OBS. DEPTHS	SPECIAL OBSERVATIONS	COLOR CODE	TRANS. (m)	DIR.	SPEED OR FORCE	READ-METER (mb)	DRY BULB	WET BULB	WIB CODE			05	514	335	155	120	7	15		
WATER		WIND			BARO-METER		AIR TEMP. °C			NO. OBS. DEPTHS	SPECIAL OBSERVATIONS																																							
COLOR CODE	TRANS. (m)	DIR.	SPEED OR FORCE	READ-METER (mb)	DRY BULB	WET BULB	WIB CODE																																											
		05	514	335	155	120	7	15																																										
MISSING TIME HR. 1/10	CASE NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME AND WALT. ST	Σ Δ σ _t IN 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₂ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₂ -N μg - ml/l	NO ₃ -N μg - ml/l	SiO ₄ -S μg - ml/l	pH	SIC																																	
		STD	0000	2361	3635	2480	0031603	0000	15330																																									
094		OBS	0000	2361	36348	2480			15330																																									
		OBS	0009	2358	36347	2480			15331																																									
094		STD	0010	2358	3635	2480	0031566	0032	15331																																									
		STD	0020	2354	3634	2481	0031523	0063	15332																																									
		STD	0030	2352	3634	2482	0031536	0095	15333																																									
094		OBS	0030	2352	36339	2482			15333																																									
094		OBS	0044	2353	36357	2483			15336																																									
		STD	0050	2354	3636	2482	0031553	0158	15337																																									
094		OBS	0065	2356	36348	2481			15340																																									
		STD	0075	2351	3644	2490	0030959	0436	15341																																									
094		OBS	0087	2341	36534	2500			15342																																									
		STD	0100	2321	3657	2508	0029291	0311	15339																																									
		STD	0125	2283	3662	2523	0027975	0383	15335																																									
094		OBS	0131	2274	36627	2526			15333																																									
		STD	0150	2105	3662	2573	0023255	0447	15293																																									
094		OBS	0175	1951	36619	2614			15256																																									
		STD	0200	1901	3656	2623	0018714	0552	15245																																									
094		OBS	0220	1866	36530	2629			15238																																									
		STD	0250	1823	3653	2640	0017207	0642	15231																																									
094		OBS	0264	1806	36523	2644			15228																																									
		STD	0300	1806	3651	2643	0017138	0727	15234																																									
		STD	0400	1780	3646	2646	0017176	0899	15242																																									
094		OBS	0445	1755	36443	2651			15242																																									
		STD	0500	1722	3635	2651	0016951	1070	15240																																									
		STD	0600	1618	3614	2660	0016380	1436	15223																																									
094		OBS	T0663	1524	35985	2669			15202																																									
		STD	0700	1420	3584	2681	0014487	1391	15174																																									
		STD	0800	1164	3550	2706	0012039	1523	15100																																									
		STD	0900	0948	3524	2725	0010206	1634	15036																																									
094		OBS	T0920	0909	35191	2727			15024																																									
		STD	1000	0811	3515	2739	0008747	1729	15000																																									
		STD	1100	0701	3510	2752	0007536	1811	14974																																									
		STD	1200	0607	3506	2761	0006559	1681	14953																																									
		STD	1300	0528	3503	2769	0005768	1943	14937																																									
		STD	1400	0464	3500	2774	0005211	1998	14927																																									
094		OBS	T1435	0445	34995	2776			14925																																									
		STD	1500	0437	3499	2776	0005006	2049	14933																																									
		STD	1750	0408	3498	2778	0004924	2173	14963																																									
094		OBS	T1958	0383	34970	2780			14987																																									

TABLE XV. Observed and interpolated oceanographic data taken by USCGC ABSECON, 16-17 November 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1566.—Continued

REFERENCE CRF CODE	SHIP ID. NO.	LATITUDE ° 1/10	LONGITUDE ° 1/10	S 1000 M	MARDEN SQUARE		STATION TIME (GMT)		YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPL'S	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER																								
					10'	1"	MO	DAY		HR	1/10			CRUISE NO.	STATION NUMBER	DR				HGT	PER SEA																						
311566	AZ	3427 N	07405 W	116	44	11 17	120	1969	A6	1110	3658		06	2	3	X1	6	5	0010																								
<table border="1"> <thead> <tr> <th colspan="2">WATER</th> <th colspan="2">WIND</th> <th colspan="2">AIR TEMP. °C</th> <th rowspan="2">NO. OBS. DEPTHS</th> <th rowspan="2">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>COLOR CODE</th> <th>TRANS (m)</th> <th>DIR</th> <th>SPEED OR FORCE</th> <th>BARO-METER (mb)</th> <th>DRY BULB</th> <th>WET BULB</th> <th>VIS CODE</th> </tr> </thead> <tbody> <tr> <td></td> <td>06</td> <td>510</td> <td>349</td> <td>158</td> <td>120</td> <td>7</td> <td>15</td> </tr> </tbody> </table>																				WATER		WIND		AIR TEMP. °C		NO. OBS. DEPTHS	SPECIAL OBSERVATIONS	COLOR CODE	TRANS (m)	DIR	SPEED OR FORCE	BARO-METER (mb)	DRY BULB	WET BULB	VIS CODE		06	510	349	158	120	7	15
WATER		WIND		AIR TEMP. °C		NO. OBS. DEPTHS	SPECIAL OBSERVATIONS																																				
COLOR CODE	TRANS (m)	DIR	SPEED OR FORCE	BARO-METER (mb)	DRY BULB			WET BULB	VIS CODE																																		
	06	510	349	158	120	7	15																																				
MISSING TIME HR 1/10	CASST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME AND (M ³ -KG ⁻¹)	S Δ D DYN. M × 10 ³	SOUND VELOCITY	O ₂ (ml/l)	PO ₄ -P (μg - ml/l)	TOTAL-P (μg - ml/l)	NO ₂ -N (μg - ml/l)	NO ₃ -N (μg - ml/l)	SiO ₄ -Si (μg - ml/l)	pH	SCT																										
		STD	0000	2422	3628	2457	0033788	0000	15344																																		
	120	OBS	0000	2422	36284	2457			15344																																		
		STD	0010	2420	3629	2458	0033700	0034	15345																																		
	120	OBS	0010	2420	36294	2458			15345																																		
		STD	0020	2417	3629	2459	0033666	0067	15346																																		
		STD	0030	2415	3630	2460	0033625	0101	15347																																		
	120	OBS	0033	2414	36295	2460			15348																																		
		STD	0050	2417	3629	2459	0033781	0168	15351																																		
	120	OBS	0052	2417	36292	2459			15352																																		
		STD	0075	2420	3629	2458	0033973	0253	15356																																		
	120	OBS	0079	2421	36294	2458			15357																																		
		STD	0100	2302	3646	2505	0029550	0333	15333																																		
	120	OBS	0105	2275	36489	2515			15328																																		
		STD	0125	2164	3655	2551	0025252	0401	15303																																		
		STD	0150	2050	3660	2587	0021999	0460	15278																																		
	120	OBS	0157	2024	36604	2594			15272																																		
		STD	0200	1917	3656	2619	0019109	0563	15250																																		
	120	OBS	T0210	1898	36555	2623			15246																																		
		STD	0250	1846	3655	2635	0017763	0655	15237																																		
	120	OBS	0254	1841	36525	2635			15237																																		
		STD	0300	1797	3648	2643	0017118	0742	15231																																		
	120	OBS	0315	1782	36469	2646			15229																																		
		STD	0400	1720	3641	2656	0016155	0909	15224																																		
		STD	0500	1623	3634	2674	0014756	1063	15210																																		
	120	OBS	0529		36316																																						
		STD	0600	1499	3606	2681	0014306	1209	15185																																		
		STD	0700	1350	3574	2688	0013745	1349	15149																																		
	120	OBS	0782	1208	35520	2700			15112																																		
		STD	0800	1157	3548	2706	0012051	1478	15097																																		
		STD	0900	0900	3527	2735	0009164	1584	15019																																		
		STD	1000	0688	3510	2753	0007184	1666	14952																																		
	120	OBS	T1073	0563	35007	2763			14913																																		
		STD	1100	0553	3500	2763	0006096	1732	14913																																		
		STD	1200	0517	3499	2767	0005790	1791	14915																																		
		STD	1300	0484	3498	2770	0005524	1848	14918																																		
		STD	1400	0456	3497	2772	0005321	1902	14924																																		
		STD	1500	0431	3496	2774	0005155	1955	14930																																		
	120	OBS	T1625	0406	34955	2777			14940																																		
		STD	1750	0387	3496	2779	0004622	2079	14954																																		
		STD	2000	0366	3495	2781	0004747	2199	14987																																		
	120	OBS	T2175	0366	34953	2781			15017																																		

REFERENCE CRF CODE	SHIP ID. NO.	LATITUDE ° 1/10	LONGITUDE ° 1/10	S 1000 M	MARDEN SQUARE		STATION TIME (GMT)		YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPL'S	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER																								
					10'	1"	MO	DAY		HR	1/10			CRUISE NO.	STATION NUMBER	DR				HGT	PER SEA																						
311566	AZ	3435 N	07420 W	116	44	11 17	146	1969	A6	1111	3292		06	2	3	A1	b	6	0011																								
<table border="1"> <thead> <tr> <th colspan="2">WATER</th> <th colspan="2">WIND</th> <th colspan="2">AIR TEMP. °C</th> <th rowspan="2">NO. OBS. DEPTHS</th> <th rowspan="2">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>COLOR CODE</th> <th>TRANS (m)</th> <th>DIR</th> <th>SPEED OR FORCE</th> <th>BARO-METER (mb)</th> <th>DRY BULB</th> <th>WET BULB</th> <th>VIS CODE</th> </tr> </thead> <tbody> <tr> <td></td> <td>06</td> <td>514</td> <td>354</td> <td>171</td> <td>130</td> <td>7</td> <td>09</td> </tr> </tbody> </table>																				WATER		WIND		AIR TEMP. °C		NO. OBS. DEPTHS	SPECIAL OBSERVATIONS	COLOR CODE	TRANS (m)	DIR	SPEED OR FORCE	BARO-METER (mb)	DRY BULB	WET BULB	VIS CODE		06	514	354	171	130	7	09
WATER		WIND		AIR TEMP. °C		NO. OBS. DEPTHS	SPECIAL OBSERVATIONS																																				
COLOR CODE	TRANS (m)	DIR	SPEED OR FORCE	BARO-METER (mb)	DRY BULB			WET BULB	VIS CODE																																		
	06	514	354	171	130	7	09																																				
MISSING TIME HR 1/10	CASST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME AND (M ³ -KG ⁻¹)	S Δ D DYN. M × 10 ³	SOUND VELOCITY	O ₂ (ml/l)	PO ₄ -P (μg - ml/l)	TOTAL-P (μg - ml/l)	NO ₂ -N (μg - ml/l)	NO ₃ -N (μg - ml/l)	SiO ₄ -Si (μg - ml/l)	pH	SCT																										
	146	OBS	0000	2470	3602	2422	0037088	0000	15353																																		
		STD	0000	2470	36017	2422			15353																																		
		STD	0010	2468	3602	2423	0037055	0037	15354																																		
	146	OBS	0011	2468	36022	2423			15354																																		
		STD	0020	2465	3602	2424	0036984	0074	15355																																		
		STD	0030	2462	3603	2425	0036921	0111	15356																																		
	146	OBS	0033	2461	36025	2425			15356																																		
		STD	0050	2416	3631	2460	0033632	0182	15351																																		
	146	OBS	0052	2412	36328	2463			15351																																		
		STD	0075	2391	3638	2473	0032518	0264	15350																																		
	146	OBS	0079	2376	36404	2479			15347																																		
		STD	0100	2226	3664	2541	0026172	0338	15316																																		
	146	OBS	0104	2202	36665	2550			15311																																		
		STD	0125	2136	3665	2567	0023788	0400	15297																																		
		STD	0150	2061	3662	2585	0022138	0458	15281																																		
	146	OBS	0157	2040	36616	2590			15277																																		
		STD	0200	1911	3658	2622	0018816	0560	15248																																		
	146	OBS	T0210	1889	36569	2627			15243																																		
		STD	0250	1631	3652	2638	0017473	0651	15233																																		
	146	OBS	0263	1822	36502	2638			15232																																		

TABLE XV. Observed and interpolated oceanographic data taken by USCGC ABSECON, 16-17 November 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1566.—Continued

REFERENCE CRUISE ID. NO.	SHIP CODE	LATITUDE ° ' 1/10	LONGITUDE ° ' 1/10	MARS SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPL'S	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER
					MO	DAY	HR:1/10		CRUISE NO.	STATION NUMBER			DIR.	HGT	PER			
311566	AZ	34472N	074345W	116 44	11	17	172	1969	A6	1112	3109	06	2	3	X1	8 5	0012	
				WATER	WIND		BARO-		AIR TEMP. °C		NO.		SPECIAL					
				COLOR	DIR.	SPED	METER	DIR	WET	WET	VIS	NO.	OBS.					
				CODE	IN	OR	UMBT	BULB	BULB	CODE	DEPTHS	OBSERVATIONS						
				06	512	334	334	176	127	7	13							
MESSAGE TIME HR 1/10	CAS NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-σ _t	Δσ _t DYN. M ± 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - μl/l	TOTAL-P μg - μl/l	NO ₃ -N μg - μl/l	NO ₂ -N μg - μl/l	SiO ₂ -S μg - μl/l	pH	ST CODE	
		STD	0000	2497	3584	2400	0039151	0000	15357									
		OBS	0000	2497	35839	2400			15357									
		STD	0010	2493	3584	2402	0039080	0039	15358									
		OBS	0011	2493	35843	2402			15358									
		STD	0020	2491	3584	2403	0039036	0078	15359									
		STD	0030	2489	3584	2403	0039017	0117	15360									
		OBS	0033	2488	35840	2403			15360									
		STD	0050	2495	3586	2403	0039149	0195	15365									
		OBS	0052	2496	35871	2403			15366									
		STD	0075	2424	3613	2448	0034896	0288	15356									
		OBS	0077	2412	36205	2454			15354									
		STD	0100	2206	3651	2537	0026569	0365	15310									
		OBS	0102	2190	36531	2543			15306									
		STD	0125	2051	3659	2586	0022003	0425	15274									
		STD	0150	1931	3660	2618	0018987	0477	15246									
		OBS	0151		36604													
		STD	0200	1787	3644	2642	0016826	0566	15211									
		OBS	T0201	1785	36439	2643			15211									
		OBS	0247	1767	36484	2651			15214									
		STD	0250	1762	3647	2651	0016188	0649	15212									
		OBS	0292	1692	36343	2658			15197									
		STD	0300	1681	3629	2657	0015775	0729	15195									
		STD	0400	1500	3577	2658	0015834	0887	15149									
		OBS	0463		1350													
		STD	0500	1208	3537	2688	0013089	1031	15064									
		STD	0600	0885	3511	2725	0009504	1144	14961									
		OBS	T0637	0789	35053	2735			14930									
		STD	0700	0654	3504	2753	0006675	1225	14888									
		STD	0800	0513	3502	2770	0005052	1284	14848									
		OBS	T0813	0501	35016	2771			14845									

REFERENCE CRUISE ID. NO.	SHIP CODE	LATITUDE ° ' 1/10	LONGITUDE ° ' 1/10	MARS SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPL'S	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER
					MO	DAY	HR:1/10		CRUISE NO.	STATION NUMBER			DIR.	HGT	PER			
311566	AZ	3454 N	07450 W	116 44	11	17	195	1969	A6	1113	2561	06	2	3	X1	6 6	0013	
				WATER	WIND		BARO-		AIR TEMP. °C		NO.		SPECIAL					
				COLOR	DIR.	SPED	METER	DIR	WET	WET	VIS	NO.	OBS.					
				CODE	IN	OR	UMBT	BULB	BULB	CODE	DEPTHS	OBSERVATIONS						
				07	513	330	330	176	125	8	14							
MESSAGE TIME HR 1/10	CAS NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-σ _t	Δσ _t DYN. M ± 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - μl/l	TOTAL-P μg - μl/l	NO ₃ -N μg - μl/l	NO ₂ -N μg - μl/l	SiO ₂ -S μg - μl/l	pH	ST CODE	
		STD	0000	2459	3591	2417	0037542	0000	15349									
		OBS	0000	2459	35910	2417			15349									
		OBS	0008	2458	35909	2418			15350									
		STD	0010	2456	3591	2418	0037493	0038	15350									
		STD	0020	2445	3591	2421	0037232	0075	15349									
		OBS	0027	2438	35921	2424			15348									
		STD	0030	2427	3593	2428	0036637	0112	15346									
		OBS	0041	2374	35939	2445			15335									
		STD	0050	2286	3599	2474	0032300	0181	15316									
		OBS	0061		2223													
		STD	0075	2229	3611	2500	0029986	0259	15307									
		OBS	0081	2232														
		STD	0100	2080	3617	2546	0025692	0328	15273									
		OBS	0120		36187													
		STD	0125	1901	3618	2594	0021196	0387	15228									
		STD	0150	1746	3615	2630	0017793	0436	15188									
		OBS	T0156	1713	36130	2637			15179									
		OBS	0190	1550	35990	2664			15133									
		STD	0200	1458	3595	2681	0013037	0513	15105									
		OBS	0221	1296	35856	2708			15054									
		STD	0250	1258	3572	2705	0010844	0572	15044									
		STD	0300	1170	3550	2705	0010926	0627	15020									
		OBS	0330	1126	35425	2708			15007									
		STD	0400	0891	3515	2727	0008915	0726	14931									
		OBS	T0412	0844	35124	2729			14923									
		STD	0500	0740	3508	2745	0007302	0807	14889									
		OBS	T0519	0713	35073	2748			14882									
		STD	0600	0494	3504	2761	0005705	0872	14848									
		STD	0700	0443	3500	2776	0004173	0921	14801									
		OBS	0724	0394	34988	2760			14786									

TABLE XV. Observed and interpolated oceanographic data taken by USCGC ABSECON, 16-17 November 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1566.—Continued

REFERENCE CRUISE ID. NO.	SHIP CODE	LATITUDE ° '/10	LONGITUDE ° '/10	MARSSEN SQUARE 10° 1'	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES (1-4)	NODC STATION NUMBER
					MO	DAY	HR./10		CRUISE NO.	STATION NUMBER			DR.	HGT	PER			
311566	AZ	3505 N	07505 W	116 55	11	17	220	1969	A6	1114	0190		07	1	2	X1	6 4	0014
				WATER		WIND		AIR TEMP °C		NO. OBS DEPTHS		SPECIAL OBSERVATIONS						
				COLOR CODE	TRANS. (m)	DIR.	SPEED OR FORCE	BARO-METER (mbars)	DRY BULB	WET BULB	VIS. CODE							
					07	S13	328	176	125	7	07							
MESSING TIME HR 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-BIB	$\Sigma \Delta D$ DYN. M x 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P µg - ml/l	TOTAL-P µg - ml/l	NO ₃ -N µg - ml/l	NO ₂ -N µg - ml/l	SiO ₄ -Si µg - ml/l	PH	S CC	
		STD	0000	2320	3585	2454	0034066	0000	15314									
		OBS	0000	2320	35848	2454			15314									
		STD	0010	2321	3587	2455	0033960	0034	15317									
		OBS	0010	2321	35872	2455			15317									
		STD	0020	2284	3560	2461	0033485	0068	15308									
		STD	0030	2265	3573	2461	0033516	0101	15304									
		OBS	0033	2263	35710	2460			15304									
		STD	0050	2285	3585	2464	0033293	0168	15314									
		OBS	0052	2288	35872	2465			15315									
		STD	0075	2002	3637	2582	0022157	0237	15250									
		OBS	0079	1958	36400	2596			15239									
		STD	0100	1756	3621	2632	0017422	0287	15183									
		OBS	0105	1715	36168	2639			15171									
		STD	0125		3602													
		STD	0150		3587													
		OBS	0157		35840													

REFERENCE CRUISE ID. NO.	SHIP CODE	LATITUDE ° '/10	LONGITUDE ° '/10	MARSSEN SQUARE 10° 1'	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES (1-4)	NODC STATION NUMBER
					MO	DAY	HR./10		CRUISE NO.	STATION NUMBER			DR.	HGT	PER			
311566	AZ	3503 N	07505 W	116 55	11	17	236	1969	A6	1115	0585		07	1	2	X1	6 3	0015
				WATER		WIND		AIR TEMP °C		NO. OBS DEPTHS		SPECIAL OBSERVATIONS						
				COLOR CODE	TRANS. (m)	DIR.	SPEED OR FORCE	BARO-METER (mbars)	DRY BULB	WET BULB	VIS. CODE							
					07	S14	328	175	124	7	07							
MESSING TIME HR 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-BIB	$\Sigma \Delta D$ DYN. M x 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P µg - ml/l	TOTAL-P µg - ml/l	NO ₃ -N µg - ml/l	NO ₂ -N µg - ml/l	SiO ₄ -Si µg - ml/l	PH	S CC	
		STD	0000	2332	3590	2454	0034024	0000	15318									
		OBS	0000	2332	35900	2454			15318									
		STD	0010	2329	3591	2456	0033944	0034	15319									
		OBS	0010	2329	35905	2456			15319									
		STD	0020	2326	3590	2456	0033914	0068	15320									
		STD	0030	2324	3590	2457	0033912	0102	15321									
		OBS	0033	2323	35900	2457			15321									
		STD	0050	2319	3599	2465	0033222	0169	15324									
		OBS	0042	2319	36003	2466			15324									
		STD	0075	2024	3629	2570	0023294	0440	15255									
		OBS	0078	1990	36313	2581			15247									
		STD	0100	1780	3631	2634	0017258	0290	15191									
		OBS	0103	1756	36296	2639			15185									
		STD	0125		3612													
		STD	0150		3574													
		OBS	0155		35640													

TABLE XVI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 29 January to 1 February 1967, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8006.

REFERENCE CTRY CODE	SHIP ID. NO.	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	MARS SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLING	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER		
						MO	DAY	HR./10		CRUISE NO.	STATION NUMBER			OK	HGT	PER				SEA	
318006	EV		2824 N	07012 W	080	80	01	29	068	1967	A71	038	5395	30	5	1	X1	8	6	0038	
						WIND		AIR TEMP. °C		NO. OBS. DEPTHS		SPECIAL OBSERVATIONS									
						COLOR CODE	TRANS. DIR.	SPED. OR FORCE	REDD. METER (mbal)	DRY BULB	WET BULB	VIS. CODE									
						30	S30	146	206	194	7	20									
MESSAGE TIME NE 1/10	CASST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-σ _t	S & D DYN. M x 10 ²	SOUND VELOCITY	D ₂ ml/l	PO ₄ -P μg - μl/l	TOTAL-P μg - μl/l	NO ₃ -N μg - μl/l	NO ₃ -N μg - μl/l	Si D ₄ -Si μg - μl/l	pH	χ _{Cl}				
		STD	0000	2255	3662	2531	0026686	0000	15307												
070		OBS	0000	2255	36624	2531			15307												
		STD	0010	2256	3661	2530	0026825	0026	15309	502											
070		OBS	0010	2256	36614	2530			15309	502											
		STD	0020	2256	3661	2530	0026865	0053	15310	499											
		STD	0030	2256	3661	2530	0026904	0080	15312	497											
		STD	0050	2256	3661	2530	0026974	0134	15315	489											
070		OBS	0051	2256	36615	2530			15316	489											
		STD	0075	2228	3671	2545	0025674	0200	15314	474											
		STD	0100	2176	3675	2564	0024018	0262	15305	464											
070		OBS	0102	2171	36755	2565			15304	463											
		STD	0125	2079	3674	2589	0021666	0319	15283	460											
		STD	0150	1997	3670	2609	0019891	0371	15265	456											
070		OBS	0152	1991	36700	2610			15264	456											
		STD	0200	1892	3659	2627	0018277	0466	15243	449											
070		OBS	T0203	1887	36585	2628			15242	449											
		STD	0250	1847	3657	2637	0017483	0556	15238	481											
		STD	0300	1811	3655	2645	0016948	0642	15236	497											
070		OBS	0304	1808	36547	2645			15236	497											
		STD	0400	1756	3647	2652	0016568	0809	15235	466											
070		OBS	T0404	1753	36463	2653			15235	465											
		STD	0500	1672	3629	2658	0016256	0973	15229	434											
		STD	0600	1532	3605	2672	0015120	1130	15195	404											
070		OBS	0606	1522	36032	2674			15193	402											
		STD	0700	1295	3568	2695	0013049	1271	15130	368											
		STD	0800	1075	3539	2715	0011152	1392	15067	345											
070		OBS	T0807	1060	35375	2716			15063	344											
		STD	0900	0859	3519	2735	0009052	1493	15002												
		STD	1000	0696	3507	2750	0007537	1576	14955												
070		OBS	1007	0687	35063	2751			14952												
		STD	1100	0610	3506	2761	0006454	1646	14937												
		STD	1200	0542	3506	2770	0005610	1706	14926												
070		OBS	T1206	0538	35061	2770			14926												
		STD	1300	0488	3503	2773	0005227	1761	14921												
		STD	1400	0449	3501	2776	0004945	1811	14921												
070		OBS	T1498	0424	35006	2779			14927												
		STD	1500	0424	3501	2779	0004712	1860	14927												
070		OBS	T1556	0416	35013	2780			14934	592											
		STD	1750	0396	3501	2782	0004555	1976	14958	592											
		STD	2000	0370	3500	2784	0004487	2089	14989	592											
082		OBS	2082	0362	34994	2784			15000	592											
		STD	2500	0318	3496	2786	0004357	2310	15052	603											
082		OBS	T2591	0310	34959	2786			15064	605											
		STD	3000	0278	3494	2788	0004259	2525	15121	544											
082		OBS	3133	0269	34932	2788			15140	542											
082		OBS	3660	0244	34920	2789			15221	620											
		STD	4000	0239	3491	2789	0004351	2956	15279												
082		OBS	T4182	0236	34905	2789			15309												
		STD	5000	0225	3489	2788	0004687	3408	15450												
082		OBS	5116	0223	34884	2788			15470												

TABLE XVI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 29 January to 1 February 1967, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8006.—Continued

REFERENCE		SNP CODE	LATITUDE 1/10	LONGITUDE 1/10	MARSSEN SQUARE	STATION TIME (GMT)		YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEATHER CODE	CLOUD CODES TYPE AMT	NODC STATION NUMBER																											
CTRY CODE	ID. NO.					MO	DAY		HR	MIN			CRUISE NO.	STATION NUMBER	DIR				HGT	PER	SEA																								
318006	EV		2831 N	07124 W	080	01	29	171	1967	A71	039	5395	30	5	2	X1	8	5	0039																										
<table border="1"> <thead> <tr> <th colspan="2">WATER</th> <th colspan="2">WIND</th> <th rowspan="2">BARO-METER (mb)</th> <th colspan="2">AIR TEMP. °C</th> <th rowspan="2">VIS. CODE</th> <th rowspan="2">NO. OBS. DEPTHS</th> <th rowspan="2">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>COLOR CODE</th> <th>TRANS. (m)</th> <th>DIR</th> <th>SPEED OF FORCE</th> <th>DRY BULB</th> <th>WET BULB</th> </tr> </thead> <tbody> <tr> <td>30</td> <td>S30</td> <td>193</td> <td>226</td> <td>167</td> <td>7</td> <td>14</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>																				WATER		WIND		BARO-METER (mb)	AIR TEMP. °C		VIS. CODE	NO. OBS. DEPTHS	SPECIAL OBSERVATIONS	COLOR CODE	TRANS. (m)	DIR	SPEED OF FORCE	DRY BULB	WET BULB	30	S30	193	226	167	7	14			
WATER		WIND		BARO-METER (mb)	AIR TEMP. °C		VIS. CODE	NO. OBS. DEPTHS	SPECIAL OBSERVATIONS																																				
COLOR CODE	TRANS. (m)	DIR	SPEED OF FORCE		DRY BULB	WET BULB																																							
30	S30	193	226	167	7	14																																							
MISSING TIME HR 1/10	CASST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-σ _t	S Δ D DYN. M x 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - ml ⁻¹	TOTAL-P μg - ml ⁻¹	NO ₃ -N μg - ml ⁻¹	NO ₂ -N μg - ml ⁻¹	SiO ₄ -Si μg - ml ⁻¹	pH	S.C.C.																												
		STO	0000	2247	3662	2534	0026477	0000	15305	486																																			
		OBS	0000	2247	36623	2534			15305	486																																			
		STO	0010	2246	3662	2534	0026499	0026	15306	490																																			
	174	OBS	0011	2246	36622	2534			15307	490																																			
		STO	0020	2246	3662	2534	0026538	0053	15308	488																																			
		STO	0030	2246	3662	2534	0026568	0079	15310	487																																			
		STO	0050	2246	3662	2534	0026647	0132	15313	483																																			
	174	OBS	0052	2246	36623	2534			15313																																				
		STO	0075	2233	3668	2542	0025983	0198	15314	479																																			
	174	OBS	0076	2232	36682	2542			15314	479																																			
		STO	0100	2195	3675	2558	0024564	0261	15310	497																																			
	174	OBS	0101	2193	36749	2558			15309	497																																			
		STO	0125	2121	3675	2579	0022686	0320	15295	473																																			
	174	OBS	0149	2052	36748	2597			15280	461																																			
		STO	0150	2049	3675	2598	0020923	0375	15280	461																																			
		STO	0200	1915	3665	2626	0018419	0473	15250	476																																			
	174	OBS	0204	1907	36644	2628			15248	477																																			
		STO	0250	1858	3659	2636	0017604	0563	15242	466																																			
		STO	0300	1816	3655	2643	0017095	0650	15237	458																																			
	174	OBS	0306	1812	36543	2644			15237	458																																			
		STO	0400	1770	3649	2650	0016756	0819	15240	462																																			
	174	OBS	T0408	1765	36481	2651			15239	462																																			
		STO	0500	1692	3633	2657	0016388	0985	15231	440																																			
		STO	0600	1569	3612	2670	0015442	1144	15208	413																																			
	174	OBS	0613	1550	36087	2671			15204	409																																			
		STO	0700	1378	3581	2688	0013838	1291	15160	369																																			
		STO	0800	1184	3553	2705	0012180	1421	15107	342																																			
	174	OBS	T0815	1155	35496	2708			15099	340																																			
		STO	0900	0970	3528	2724	0010304	1533	15044	348																																			
		STO	1000	0793	3511	2739	0008764	1628	14993	358																																			
	174	OBS	1027	0753	35077	2742			14981	361																																			
		STO	1100	0670	3507	2753	0007309	1709	14961	416																																			
		STO	1200	0577	3505	2765	0006166	1776	14941	477																																			
	174	OBS	T1226	0557	35051	2767			14937	491																																			
		STO	1300	0508	3504	2772	0005401	1834	14929	524																																			
		STO	1400	0461	3503	2776	0004961	1886	14927	555																																			
		STO	1500	0439	3502	2778	0004835	1935	14934	571																																			
	174	OBS	T1542	0436	35012	2778			14940	573																																			

REFERENCE		SNP CODE	LATITUDE 1/10	LONGITUDE 1/10	MARSSEN SQUARE	STATION TIME (GMT)		YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEATHER CODE	CLOUD CODES TYPE AMT	NODC STATION NUMBER																											
CTRY CODE	ID. NO.					MO	DAY		HR	MIN			CRUISE NO.	STATION NUMBER	DIR				HGT	PER	SEA																								
318006	EV		28315 N	07232 W	080	02	01	30	004	1967	A71	040	4746	30	9	3	X1	8	2	0040																									
<table border="1"> <thead> <tr> <th colspan="2">WATER</th> <th colspan="2">WIND</th> <th rowspan="2">BARO-METER (mb)</th> <th colspan="2">AIR TEMP. °C</th> <th rowspan="2">VIS. CODE</th> <th rowspan="2">NO. OBS. DEPTHS</th> <th rowspan="2">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>COLOR CODE</th> <th>TRANS. (m)</th> <th>DIR</th> <th>SPEED OF FORCE</th> <th>DRY BULB</th> <th>WET BULB</th> </tr> </thead> <tbody> <tr> <td>30</td> <td>S11</td> <td>213</td> <td>213</td> <td>7</td> <td>14</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>																				WATER		WIND		BARO-METER (mb)	AIR TEMP. °C		VIS. CODE	NO. OBS. DEPTHS	SPECIAL OBSERVATIONS	COLOR CODE	TRANS. (m)	DIR	SPEED OF FORCE	DRY BULB	WET BULB	30	S11	213	213	7	14				
WATER		WIND		BARO-METER (mb)	AIR TEMP. °C		VIS. CODE	NO. OBS. DEPTHS	SPECIAL OBSERVATIONS																																				
COLOR CODE	TRANS. (m)	DIR	SPEED OF FORCE		DRY BULB	WET BULB																																							
30	S11	213	213	7	14																																								
MISSING TIME HR 1/10	CASST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-σ _t	S Δ D DYN. M x 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - ml ⁻¹	TOTAL-P μg - ml ⁻¹	NO ₃ -N μg - ml ⁻¹	NO ₂ -N μg - ml ⁻¹	SiO ₄ -Si μg - ml ⁻¹	pH	S.C.C.																												
		STO	0000	2201	3668	2551	0024845	0000	15294	492																																			
		OBS	0000	2201	36677	2551			15294	492																																			
		STO	0010	2199	3668	2551	0024820	0024	15295	497																																			
	008	OBS	0010	2199	36679	2551			15295	497																																			
		STO	0020	2199	3668	2552	0024850	0049	15297	505																																			
		STO	0030	2198	3668	2552	0024880	0074	15298	510																																			
	008	OBS	0049	2198	36678	2552			15301	510																																			
		STO	0050	2198	3668	2552	0024931	0124	15301	509																																			
	008	OBS	0074	2187	36729	2559			15303	492																																			
		STO	0075	2186	3673	2559	0024348	0185	15303	492																																			
	008	OBS	0099	2171	36765	2566			15304	483																																			
		STO	0100	2165	3676	2567	0023664	0246	15302	482																																			
		STO	0125	2042	3670	2597	0020963	0301	15273	469																																			
	008	OBS	0148	1958	36662	2616			15254	462																																			
		STO	0150	1954	3666	2617	0019132	0351	15253	462																																			
	008	OBS	T0198	1872	36614	2634			15237	465																																			
		STO	0200	1871	3661	2635	0017594	0443	15237	465																																			
		STO	0250	1837	3658	2640	0017209	0530	15235	460																																			
	008	OBS	0249	1809	36545	2645			15235	458																																			
		STO	0300	1809	3654	2645	0016938	0616	15235	458																																			
		STO	0400	1766	3648	2651	0016691	0784	15238	462																																			
	008	OBS	T0400	1766	36485	2651			15238	462																																			
		STO	0500	1703	3635	2656	0016540	0950	15235	439																																			
	008	OBS	0504	1586	36141	2667			15212	412																																			
		STO	0600	1572	3612	2669	0015516	1110	15209	408																																			
		STO	0700	1347	3575	2689	0013648	1256	15149	361																																			
	008	OBS	T0747	1144	3546	2707			15092	336																																			
		STO	0800	1137	3545	2708	0011879	1384	15090	336																																			
		STO	0900	0930	3524	2727	0009920	1493	15029	344																																			
	008	OBS	0947	0772	3510	2741			14984	352																																			
		STO	1000	0769	3510	2742	0008437	1584	14983	354																																			
		STO	1100	0663	3507	2755	0007168	1662	14958	416																																			
	008	OBS	T1194	0583	35051	2764			14942	466																																			
		STO	1200	0578	3505	2764	0006213	1729	14941	469																																			
		STO	1300	0514	3503	2771	0005543	1788	14931	511																																			
		STO	1400	0470	3502	2775	0005111	1841	14930	543																																			
	008	OBS	T1408	0446	35020	2777			14936	565																																			

TABLE XVI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 29 January to 1 February 1967, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8006.—Continued

REFERENCE CITE CODE	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	MARS DEN SITY	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	WAVE OBSERVATIONS	WEA- THE- RE CODE	CLOUD CODES	NODC STATION NUMBER				
					19	1'	M.O.		DAY	HR./10						CRUISE NO.	STATION NUMBER		
318006	EV	2834 N	07339 W	080	83	01	30	083	1967	A71	041	4480	30	5	2	X1	8	6	0041
				WATER		WIND		AIR TEMP °C		NO. J		SPECIAL							
				COLOR	TRANSP	DIR.	SPEED	BARO-	DRY	WET	VIS	NO. J	OBSERVATIONS						
				CODE	(m)	(kts)	(m/s)	METER	BULB	BULB	CODE	DEPTHS							
				30	S14		213				7	21							
MESSAGE TIME HR 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY- σ_t	$\frac{\Delta \sigma_t}{\Delta \sigma_t}$ 10 ³	SOUND VELOCITY	O ₂ (ml/l)	PO ₄ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₂ -N μg - ml/l	NO ₃ -N μg - ml/l	SiO ₄ -Si μg - ml/l	pH	S C		
		STD	0000	2251	3661	2532	0026677	0000	15306	498									
085		OBS	0000	2251	36611	2532			15306	498									
085		OBS	0009	2251	36608	2531			15307	504									
		STD	0010	2251	3661	2531	0026734	0026	15307	504									
		STD	0020	2251	3661	2531	0026765	0053	15309	500									
		STD	0030	2251	3661	2532	0026786	0080	15311	496									
085		OBS	0049	2251	36613	2532			15314	492									
		STD	0050	2253	3661	2531	0026892	0133	15315	492									
		STD	0075	2253	3661	2531	0026999	0201	15319	490									
085		OBS	0075	2253	36614	2531			15319	490									
085		OBS	0099	2185	36724	2559			15307	472									
		STD	0100	2181	3672	2560	0024372	0265	15306	471									
		STD	0125	2096	3673	2584	0022139	0323	15288	448									
085		OBS	0148	2024	36742	2604			15273	438									
		STD	0150	2017	3674	2606	0020184	0376	15271	439									
085		OBS	T0198	1889	36619	2630			15242	452									
		STD	0200	1887	3662	2631	0017959	0471	15242	452									
		STD	0250	1837	3656	2639	0017299	0560	15235	454									
085		OBS	0246	1799	36519	2645			15231	454									
		STD	0300	1798	3652	2646	0016871	0645	15232	454									
085		OBS	T0394	1747	36442	2652			15231	452									
		STD	0400	1743	3643	2653	0016524	0812	15231	451									
		STD	0500	1644	3623	2661	0015983	0975	15216	428									
085		OBS	0543	1504	36001	2675			15185	402									
		STD	0600	1486	3597	2677	0014672	1128	15180	397									
		STD	0700	1247	3560	2698	0012676	1265	15113	347									
085		OBS	0795	1042	35336	2716			15054	331									
		STD	0800	1031	3533	2717	0010834	1382	15050	332									
		STD	0900	0828	3515	2737	0008808	1480	14990	359									
085		OBS	0996	0680	35053	2751			14947	398									
		STD	1000	0676	3505	2751	0007351	1561	14947	401									
		STD	1100	0590	3505	2763	0006253	1629	14929	470									
		STD	1200	0521	3505	2771	0005438	1688	14918	522									
085		OBS	T1203	0519	35045	2771			14917	523									
		STD	1300	0470	3503	2775	0004980	1740	14913	552									
		STD	1400	0436	3501	2778	0004730	1788	14916	574									
096		OBS	1424	0431	35012	2778			14918	579									
		STD	1500	0420	3500	2779	0004683	1835	14926	591									
085		OBS	T1502	0420	35004	2779			14926	591									
		STD	1750	0387	3499	2781	0004555	1951	14954	596									
096		OBS	1900	0370	34985	2783			14972	599									
		STD	2000	0360	3498	2783	0004465	2063	14985	601									
096		OBS	2300	0325	34965	2786			15035	606									
		STD	2500	0315	3496	2786	0004328	2283	15051	606									
096		OBS	2864	0285	34946	2788			15101	608									
		STD	3000	0273	3493	2787	0004251	2498	15119	610									
096		OBS	T3324	0250	34920	2789			15165	613									
096		OBS	T3848	0231	35001	2797			15250	610									
		STD	4000	0228	3500	2797	0003528	2887	15275	605									
096		OBS	T4106	0226	35000	2797			15293	601									

TABLE XVI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 29 January to 1 February 1967, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8006.—Continued

REFERENCE STATION CODE	SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	MAGNETIC CORRECTION °	STATION TIME (GMT)			YEAR	ORIGINATOR'S STATION NUMBER		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLING	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES TPT/AMT	NODC STATION NUMBER
					10 ^h	MO	DAY		HR/10	CBUSE NO.			STATION NUMBER	DIR.	HGT/FT			
318006	EV	2832 N	07600 W	080	01	31	005	1967	A71	044	4846	30	12	1	X1	815	0044	
				WATER		WIND		BARO- METER		AIR TEMP. °C		NO. OF OFFHS		SPECIAL OBSERVATIONS				
				COLOR CODE	TRANS- MITS	DIR.	SPEED OR FORCE	METER (mmHg)	DRY RULE	WET RULE	WET RULE	WET RULE	WET RULE					
				30	506		220	206	150	7	14							
MESSING TIME HR 1/10	CAS NO.	CARD TYPE	DEPTH (M)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY- σ_t	$\Delta \rho$ DYN. M. x 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₂ -P #g - ml/l	TOTAL-N #g - ml/l	NO ₃ -N #g - ml/l	NO ₂ -N #g - ml/l	SiO ₄ -S #g - ml/l	PH	S CO ₂	
008		STO	0000	2160	3660	2556	0024301	0000	15283	495								
		OBS	0000	2160	36601	2556			15283	495								
008		OBS	0009	2160	36585	2555			15284	504								
		STO	0010	2160	3658	2555	0024448	0024	15284	503								
		STO	0020	2156	3658	2556	0024405	0048	15284	498								
		STO	0030	2153	3658	2557	0024389	0073	15285	494								
008		OBS	0048	2149	36572	2557			15287	490								
		STO	0050	2149	3657	2557	0024411	0122	15288	490								
008		OBS	0072	2148	36563	2557			15291	490								
		STO	0075	2146	3656	2557	0024534	0183	15291	490								
008		OBS	0097	2132	36534	2559			15290	490								
		STO	0100	2130	3653	2560	0024383	0244	15290	490								
		STO	0125	2112	3654	2565	0023987	0304	15290	488								
008		OBS	0145		36537					486								
		STO	0150	2088	3656	2573	0023281	0363	15288	481								
008		OBS	T0193	2033	36687	2598			15282	454								
		STO	0200	2015	3668	2602	0020748	0473	15278	457								
		STO	0250	1908	3660	2624	0018758	0572	15256	474								
008		OBS	0288	1850	36556	2635			15245	477								
		STO	0300	1844	3655	2636	0017774	0664	15245	479								
008		OBS	T0384	1796	36477	2643			15244	465								
		STO	0400	1792	3647	2644	0017398	0839	15246	465								
		STO	0500	1729	3638	2652	0016891	1011	15243	453								
008		OBS	0575	1637	36237	2663			15226	435								
		STO	0600	1584	3614	2668	0015626	1173	15213	417								
		STO	0700	1371	3578	2687	0013892	1321	15157	365								
008		OBS	T0772	1216	35558	2701			15114	347								
		STO	0800	1144	3547	2708	0011880	1450	15093	351								
		STO	0900	0917	3522	2728	0009835	1559	15024	365								
008		OBS	0959	0805	35116	2738			14990	374								
		STO	1000	0739	3509	2746	0008029	1648	14972	404								
		STO	1100	0606	3504	2760	0006523	1721	14935	466								
008		OBS	T1145	0555	35024	2765			14923	492								
		STO	1200	0533	3501	2766	0005897	1783	14922	516								
		STO	1300	0492	3498	2769	0005619	1840	14922	553								
		STO	1400	0451	3497	2773	0005251	1895	14921	577								
008		OBS	1438	0435	34968	2774			14921	583								

TABLE XVI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 29 January to 1 February 1967, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8006.—Continued

REFERENCE CHIT CODE	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	TIME H	MAGNETON SQUARE		STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPL.	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES (T, A, M)	NODC STATION NUMBER
					10'	1"	MO	DAY	HR		1/10	CRUISE NO.			STATION NUMBER	DIR.	HGT			
318006	EV	2831 N	07643 W	080	86	01	31	043	1967	A71	045	3589	29	2	2	1	X1	8 5	0045	
				WATER		WIND		BARO- METER (mb)		AIR TEMP. °C		NO. OBS. DEPTHS		SPECIAL OBSERVATIONS						
				COLDR CODE	TRANS. DIR.	WIND DIR.	SPEED OF FORCE	DRY RULE	WET RULE	WEA. CODE										
						30	508	220	206	150	7	18								
MESSAGE TIME HR 1/10	CAST NO.	CARD TYPE	DEPTH m	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-σ _t	Σ Δ D DYN. M × 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - ml	TOTAL-P μg - ml	NO ₂ -N μg - ml	NO ₃ -N μg - ml	SiO ₄ -S μg - ml	pH	CHLOROPHYLL			
046		STD	0000	2359	3660	2499	0029744	0000	15332	472										
		OBS	0000	2359	36599	2499			15332	472										
		STD	0010	2360	3661	2499	0029757	0029	15334	485										
046		OBS	0010	2360	36606	2499			15334	485										
		STD	0020	2359	3660	2500	0029797	0059	15336	482										
		STD	0030	2358	3660	2500	0029837	0089	15337	480										
		STD	0050	2357	3660	2500	0029899	0149	15340	477										
046		OBS	0051	2357	36597	2500			15340	477										
		STD	0075	2357	3660	2500	0029972	0223	15344	477										
		STD	0100	2356	3660	2500	0030036	0298	15348	478										
046		OBS	0102	2356	36602	2500			15349	478										
		STD	0125	2341	3666	2509	0029300	0373	15349	460										
		STD	0150	2325	3671	2518	0028573	0445	15350	455										
046		OBS	0152	2324	36718	2519			15350	454										
		STD	0200	2149	3678	2574	0023448	0575	15315	440										
046		OBS	T0203	2139	36785	2576			15313	440										
		STD	0250	1990	3669	2609	0020203	0684	15280	450										
		STD	0300	1878	3661	2633	0018139	0780	15256	457										
046		OBS	0305	1869	36603	2634			15254	458										
		STD	0400	1793	3652	2647	0017102	0956	15247	460										
046		OBS	T0401	1792	36515	2647			15247	460										
		STD	0500	1661	3627	2660	0016140	1122	15221	418										
		STD	0600	1496	3599	2676	0014726	1277	15183	383										
046		OBS	0609	1479	35765	2678			15179	380										
		STD	0700	1279	3563	2694	0013065	1416	15124	358										
		STD	0800	1058	3535	2715	0011100	1937	15061	333										
046		OBS	T0810	1036	35331	2717			15054	331										
		STD	0900	0793	3517	2744	0008112	1633	14977	410										
		STD	1000	0601	3506	2762	0006191	1704	14917	480										
046		OBS	1015	0574	35049	2764			14910	489										
		STD	1100	0520	3504	2770	0005353	1762	14900	528										
		STD	1200	0465	3503	2776	0004824	1813	14894	564										
046		OBS	T1211	0440	35025	2776			14894	567										
		STD	1300	0432	3501	2778	0004599	1860	14897	587										
		STD	1400	0409	3500	2780	0004481	1906	14904	599										
054		OBS	1479	0398	34993	2780			14913	601										
		STD	1500	0346	3499	2781	0004457	1950	14916	600										
046		OBS	1513	0335	34991	2781			14917	600										
		STD	1750	0372	3498	2786	0004445	2061	14947	597										
054		OBS	1978	0351	34964	2783			14977	597										
		STD	2000	0349	3496	2783	0004448	2173	14980	598										
054		OBS	T2476	0313	34938	2785			15046	606										
		STD	2500	0311	3494	2785	0004453	2395	15044	606										
054		OBS	2979	0278	34924	2787			15117	608										
		STD	3000	0277	3492	2787	0004346	2615	15120	608										
054		OBS	T3386	0255	34916	2788			15178	617										

TABLE XVI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 29 January to 1 February 1967, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8006.—Continued

REFERENCE STATION CODE	SHIP ID. NO.	LATITUDE 1/10	LONGITUDE 1/10	MARSDEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES TPT AMT	NODC STATION NUMBER																												
					10'	1'	MO. DAY HR. 1/10		CRUISE NO.	STATION NUMBER			DIR	HGT	PER				STA																											
318006	EV	2834 N	07829 W	080 88	01	31	157	1967	A71	048	0933	00	0	X	X1	8 3	0048																													
<table border="1"> <thead> <tr> <th colspan="2">WATER</th> <th colspan="2">WIND</th> <th rowspan="2">BARO- METER UNSAT</th> <th colspan="3">AIR TEMP. °C</th> <th rowspan="2">WIL CODE</th> <th rowspan="2">NO. OBS. DEPTH</th> <th rowspan="2">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>COLOR CODE</th> <th>TRANS- MITS</th> <th>DIR.</th> <th>SPEED OF FORCE</th> <th>DRY BULB</th> <th>WET BULB</th> <th>WET BULB</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td>27</td> <td>503</td> <td>281</td> <td>239</td> <td>161</td> <td>7</td> <td>12</td> <td></td> </tr> </tbody> </table>																		WATER		WIND		BARO- METER UNSAT	AIR TEMP. °C			WIL CODE	NO. OBS. DEPTH	SPECIAL OBSERVATIONS	COLOR CODE	TRANS- MITS	DIR.	SPEED OF FORCE	DRY BULB	WET BULB	WET BULB				27	503	281	239	161	7	12	
WATER		WIND		BARO- METER UNSAT	AIR TEMP. °C			WIL CODE	NO. OBS. DEPTH	SPECIAL OBSERVATIONS																																				
COLOR CODE	TRANS- MITS	DIR.	SPEED OF FORCE		DRY BULB	WET BULB	WET BULB																																							
			27	503	281	239	161	7	12																																					
MESSING TIME HR. 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY-30°	$\Sigma \Delta D$ DTN. M. $\times 10^2$	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P µg - ml/l	TOTAL-P µg - ml/l	NO ₂ -N µg - ml/l	NO ₃ -N µg - ml/l	SiO ₄ -S µg - ml/l	PH	S C C																													
		STD	0000	2251	3653	2526	0027221	0000	15305	483																																				
	159	OBS	0000	2251	36535	2526			15305	483																																				
		STD	0010	2245	3653	2527	0027097	0027	15305	502																																				
	159	OBS	0010	2245	36535	2527			15305	502																																				
		STD	0020	2245	3654	2528	0027127	0054	15307	496																																				
		STD	0030	2245	3654	2528	0027157	0081	15308	491																																				
		STD	0050	2244	3654	2528	0027209	0135	15311	488																																				
	159	OBS	0050	2244	36537	2528			15311	488																																				
		STD	0075	2243	3654	2528	0027279	0203	15315	494																																				
	159	OBS	0075	2243	36538	2528			15315	494																																				
		STD	0100	2231	3659	2535	0026714	0271	15317	464																																				
	159	OBS	0101	2230	36588	2536			15317	463																																				
		STD	0125	2151	3668	2565	0023975	0334	15301	440																																				
		STD	0150	2074	3672	2589	0021759	0391	15286	427																																				
	159	OBS	0151	2071	36720	2590			15285	427																																				
		STD	0200	1940	3664	2619	0019075	0494	15257	440																																				
	159	OBS	T0202	1935	36640	2620			15256	441																																				
		STD	0250	1857	3658	2636	0017667	0585	15241	455																																				
		STD	0300	1795	3652	2647	0016770	0671	15231	461																																				
	159	OBS	0301	1794	36521	2647			15231	461																																				
		STD	0400	1730	3641	2654	0016390	0837	15227	448																																				
	159	OBS	T0401	1729	36407	2654			15227	448																																				
		STD	0500	1565	3611	2670	0015069	0995	15190	452																																				
		STD	0500	1373	3579	2687	0013609	1138	15141	457																																				
	159	OBS	0603	1367	35777	2687			15139	457																																				
		STD	0700	1160	3528	2690	0013361	1273	15079	398																																				
		STD	0800	0909	3503	2715	0010873	1394	15002	337																																				
	159	OBS	0803	0901	35027	2716			15000	335																																				
	159	OBS	0899	0622	35056	2759			14908	452																																				

REFERENCE STATION CODE	SHIP ID. NO.	LATITUDE 1/10	LONGITUDE 1/10	MARSDEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES TPT AMT	NODC STATION NUMBER																												
					10'	1'	MO. DAY HR. 1/10		CRUISE NO.	STATION NUMBER			DIR	HGT	PER				STA																											
318006	EV	2835 N	07900 W	080 89	01	31	197	1967	A71	049	0941	00	0	X	X1	2 2	0049																													
<table border="1"> <thead> <tr> <th colspan="2">WATER</th> <th colspan="2">WIND</th> <th rowspan="2">BARO- METER UNSAT</th> <th colspan="3">AIR TEMP. °C</th> <th rowspan="2">WIL CODE</th> <th rowspan="2">NO. OBS. DEPTH</th> <th rowspan="2">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>COLOR CODE</th> <th>TRANS- MITS</th> <th>DIR.</th> <th>SPEED OF FORCE</th> <th>DRY BULB</th> <th>WET BULB</th> <th>WET BULB</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td>00</td> <td>500</td> <td>264</td> <td>239</td> <td>144</td> <td>8</td> <td>11</td> <td></td> </tr> </tbody> </table>																		WATER		WIND		BARO- METER UNSAT	AIR TEMP. °C			WIL CODE	NO. OBS. DEPTH	SPECIAL OBSERVATIONS	COLOR CODE	TRANS- MITS	DIR.	SPEED OF FORCE	DRY BULB	WET BULB	WET BULB				00	500	264	239	144	8	11	
WATER		WIND		BARO- METER UNSAT	AIR TEMP. °C			WIL CODE	NO. OBS. DEPTH	SPECIAL OBSERVATIONS																																				
COLOR CODE	TRANS- MITS	DIR.	SPEED OF FORCE		DRY BULB	WET BULB	WET BULB																																							
			00	500	264	239	144	8	11																																					
MESSING TIME HR. 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY-30°	$\Sigma \Delta D$ DTN. M. $\times 10^2$	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P µg - ml/l	TOTAL-P µg - ml/l	NO ₂ -N µg - ml/l	NO ₃ -N µg - ml/l	SiO ₄ -S µg - ml/l	PH	S C C																													
		STD	0000	2265	3653	2522	0027611	0000	15309	502																																				
	199	OBS	0000	2265	36534	2522			15309	502																																				
		STD	0010	2248	3653	2526	0027242	0027	15306	520																																				
	199	OBS	0010	2248	36526	2526			15306	520																																				
		STD	0020	2246	3652	2526	0027227	0054	15307	508																																				
		STD	0030	2244	3652	2527	0027230	0081	15308	500																																				
		STD	0050	2241	3652	2527	0027263	0136	15311	495																																				
	199	OBS	0050	2241	36519	2527			15311	495																																				
		STD	0075	2240	3651	2527	0027369	0204	15314	508																																				
	199	OBS	0075	2240	36514	2527			15314	508																																				
		STD	0100	2240	3652	2528	0027431	0273	15318	483																																				
	199	OBS	0100	2240	36519	2528			15318	483																																				
		STD	0125	2209	3669	2549	0025477	0339	15317	455																																				
		STD	0150	2152	3677	2571	0023474	0400	15307	438																																				
	199	OBS	0150	2152	36766	2571			15307	438																																				
		STD	0200	1961	3667	2615	0019433	0507	15263	438																																				
	199	OBS	T0201	1958	36666	2616			15262	438																																				
		STD	0250	1877	3658	2630	0018197	0601	15247	443																																				
		STD	0300	1794	3652	2647	0016770	0689	15231	454																																				
	199	OBS	0300	1794	36519	2647			15231	454																																				
		STD	0400		3651					462																																				
	199	OBS	0400		36511					462																																				
	199	OBS	T0607	1272	35644	2697			15107	348																																				
		STD	0700	1031	3534	2718			15034	359																																				
	199	OBS	0789	0765	35095	2742			14947	370																																				

TABLE XVI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 29 January to 1 February 1967, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8006.—Continued

REFERENCE CRUISE ID. NO.	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	WAVE DIRECTION	MARSSEN SQUARE		STATION TIME (GMT)		YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLES	WAVE OBSERVATIONS	WEA- THER CODE	CLOUD CODES (TYP. AMT)	NODC STATION NUMBER			
					10'	1"	MO	DAY		HR	1/10							CRUISE NO.	STATION NUMBER	
318006	EV	28325N	07918 W		080	89	01	31	217	1967	A71	050	0823	00	0	X	1	3	5	0050
				WATER		WIND		BARO- METER		AIR TEMP °C		VIS CODE		NO. OBS. DEPTH		SPECIAL OBSERVATIONS				
				COLOR CODE	TRANSL (m)	DIR.	SPEED OF FORCE	BARO- METER (mb)	DRY BULB	WET BULB	VIS CODE	NO. OBS. DEPTH								
				00	500		257	206	139	7	10									
MESSAGE TIME HR 1/10	CASST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY- σ_{θ}	$\Sigma \Delta \sigma$ DTN. AL. $\times 10^3$	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P $\mu\text{g} \cdot \text{dl}^{-1}$	TOTAL-P $\mu\text{g} \cdot \text{dl}^{-1}$	NO ₃ -N $\mu\text{g} \cdot \text{dl}^{-1}$	NO ₂ -N $\mu\text{g} \cdot \text{dl}^{-1}$	SiO ₄ -Si $\mu\text{g} \cdot \text{dl}^{-1}$	pH	S C C			
		STD	0000	2436	3637	2459	0033594	0000	15348	472										
219		OBS	0000	2436	36367	2459			15348	472										
219		OBS	0009	2426	36356	2461			15347	477										
		STD	0010	2425	3636	2461	0033417	0033	15347	477										
		STD	0020	2420	3635	2462	0033339	0066	15348	475										
		STD	0030	2416	3635	2463	0033279	0100	15348	473										
219		OBS	0041	2413					472											
		STD	0050	2412	3635	2465	0033251	0166	15351	472										
219		OBS	0061	2410	36346	2465			15352	471										
		STD	0075	2407	3635	2466	0033224	0249	15354	469										
219		OBS	0082	2406	36347	2466			15355	468										
		STD	0100	2361	3643	2486	0031424	0330	15348	468										
		STD	0125	2298	3653	2512	0029004	0406	15337	461										
219		OBS	0125	2298	36535	2512			15337	461										
		STD	0150	2211	3663	2545	0025991	0474	15321	443										
219		OBS	0169		36685				433											
		STD	0200	2061	3667	2589	0021971	0594	15290	429										
		STD	0250	1944	3663	2617	0019438	0698	15266	421										
219		OBS	0259	1926	36624	2621			15263	420										
		STD	0300	1877	3659	2631	0018247	0792	15255	414										
219		OBS	0350	1808	36526	2644			15243	449										
219		OBS	0707	1048	35265	2709			15041											

REFERENCE CRUISE ID. NO.	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	WAVE DIRECTION	MARSSEN SQUARE		STATION TIME (GMT)		YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLES	WAVE OBSERVATIONS	WEA- THER CODE	CLOUD CODES (TYP. AMT)	NODC STATION NUMBER			
					10'	1"	MO	DAY		HR	1/10							CRUISE NO.	STATION NUMBER	
318006	EV	28325N	07935 W		080	89	01	31	237	1967	A71	051	0786	00	0	X	1	3	5	0051
				WATER		WIND		BARO- METER		AIR TEMP °C		VIS CODE		NO. OBS. DEPTH		SPECIAL OBSERVATIONS				
				COLOR CODE	TRANSL (m)	DIR.	SPEED OF FORCE	BARO- METER (mb)	DRY BULB	WET BULB	VIS CODE	NO. OBS. DEPTH								
				27	504		504	254	200	150	8	10								
MESSAGE TIME HR 1/10	CASST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY- σ_{θ}	$\Sigma \Delta \sigma$ DTN. AL. $\times 10^3$	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P $\mu\text{g} \cdot \text{dl}^{-1}$	TOTAL-P $\mu\text{g} \cdot \text{dl}^{-1}$	NO ₃ -N $\mu\text{g} \cdot \text{dl}^{-1}$	NO ₂ -N $\mu\text{g} \cdot \text{dl}^{-1}$	SiO ₄ -Si $\mu\text{g} \cdot \text{dl}^{-1}$	pH	S C C			
		STD	0000	2516	3625	2426	0036766	0000	15366	464										
		OBS	0000	2516	36248	2426			15366	464										
		STD	0010	2516	3625	2426	0036807	0036	15368	472										
239		OBS	0010	2516	36248	2426			15368	472										
		STD	0020	2513	3625	2427	0036720	0073	15369	471										
		STD	0030	2508	3626	2429	0036570	0110	15369	469										
239		OBS	0048	2492	36268	2434			15368	461										
		STD	0050	2489	3629	2437	0035870	0182	15368	457										
		STD	0075	2448	3649	2465	0033345	0269	15365	421										
239		OBS	0096	2413	36530	2479			15361	413										
		STD	0100	2380	3649	2484	0031553	0350	15353	425										
		STD	0125	2203	3627	2519	0028310	0425	15310	472										
239		OBS	0145	2092	36230	2547			15284	477										
		STD	0150	2075	3629	2556	0024915	0491	15281	463										
239		OBS	0193	1941	36617	2617			15256	372										
		STD	0200	1923	3660	2620	0018981	0601	15252	369										
		STD	0250	1795	3645	2641	0017121	0691	15222	348										
239		OBS	0288	1696	36309	2655			15197	336										
		STD	0300	1665	3625	2657	0015712	0773	15189	334										
239		OBS	10383	1445	35859	2677			15130	320										
		STD	0400	1382	3576	2683	0013408	0919	15111	318										
		STD	0500	1058	3529	2710	0010892	1040	14011	305										
239		OBS	10576	0868	35055	2723			14950	296										
		STD	0600	0818	3503	2729	0009029	1140	14935	304										
		STD	0700	0661	3492	2743	0007633	1223	14889	361										
239		OBS	0740	0622	34882	2745			14880	307										

TABLE XVI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 29 January to 1 February 1967, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8006.—Continued

REFERENCE CRUISE ID. NO.	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	WASSON SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLE	WAVE OBSERVATIONS	WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER			
					10'	1"	MO		DAY	HR							MIN	CRUISE NO.	STATION NUMBER
318006	EV	2834 N	07953 W	080	02	01	015	1967	A71	052	0274	00	0	X	X	1	8	2	0052
				WATER		WIND		AIR TEMP °C		NO. OBS. DEPTHS		SPECIAL OBSERVATIONS							
				COLOR CODE	TRANS. (M)	DIP	SPEED OF FORCE	BARO-METER (MM Hg)	DRY RULE	WET RULE	VIS. CODE								
				00	500		254	206	139	8	07								
MISSING TIME HR 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME AND MALT-3107	$\frac{\Delta \sigma}{\Delta T}$ DYN. M $\times 10^3$	SOUND VELOCITY	Q2 (M/S)	PO ₂ -P µg - 01/1	TOTAL-P µg - 01/1	NO ₂ -N µg - 01/1	NO ₃ -N µg - 01/1	SIO ₄ -Si µg - 01/1	pH	S C C		
		STO	0000	2469	3610	2429	0036475	0000	15353	458									
	018	OBS	0000	2469	36099	2429			15353	458									
	018	OBS	0007	2473	36099	2427			15356	478									
		STO	0010	2473	3610	2427	0036615	0036	15356	477									
		STO	0020	2469	3610	2429	0036556	0073	15357	473									
		STO	0030	2466	3610	2430	0036496	0109	15358	469									
	018	OBS	0046	2461	36103	2431			15359	465									
		STO	0050	2441	3612	2430	0035695	0181	15355	465									
		STO	0075	2321	3623	2482	0031647	0266	15331	468									
	018	OBS	0092	2243	36277	2508			15315	469									
		STO	0100	2219	3629	2516	0028542	0341	15311	469									
		STO	0125	2109	3632	2549	0025470	0408	15280	453									
	018	OBS	0129	2086	36324	2556			15281	448									
		STO	0150	1929	3624	2591	0021522	0467	15241	386									
	018	OBS	0184	1614	36106	2658			15153	318									
		STO	0200	1459	3592	2679	0013290	0554	15105	302									
	018	OBS	0228	1138	35425	2705			14996	295									

REFERENCE CRUISE ID. NO.	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	WASSON SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLE	WAVE OBSERVATIONS	WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER			
					10'	1"	MO		DAY	HR							MIN	CRUISE NO.	STATION NUMBER
318006	EV	2836 N	08012 W	081	02	01	040	1967	A71	053	0037	00	0	X	X	1	8	2	0053
				WATER		WIND		AIR TEMP °C		NO. OBS. DEPTHS		SPECIAL OBSERVATIONS							
				COLOR CODE	TRANS. (M)	DIP	SPEED OF FORCE	BARO-METER (MM Hg)	DRY RULE	WET RULE	VIS. CODE								
				00	500		254	206	139	8	03								
MISSING TIME HR 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME AND MALT-3107	$\frac{\Delta \sigma}{\Delta T}$ DYN. M $\times 10^3$	SOUND VELOCITY	Q2 (M/S)	PO ₂ -P µg - 01/1	TOTAL-P µg - 01/1	NO ₂ -N µg - 01/1	NO ₃ -N µg - 01/1	SIO ₄ -Si µg - 01/1	pH	S C C		
		STO	0000	2196	3626	2521	0027684	0000	15288	483									
	041	OBS	0000	2196	36265	2521			15288	483									
		STO	0010	2190	36246	2522	0027586	0027	15288	477									
	041	OBS	0010	2190	36262	2522			15288	477									
		STO	0020	2182	3626	2524	0027434	0055	15288	478									
	041	OBS	0025	2178	36259	2525			15287	478									

TABLE XVII. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 26-28 June 1967, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-1087.

REFERENCE FORM NO.	SHIP CODE	LATITUDE ° ' / 15"	LONGITUDE ° ' / 15"	S °	W °	MARSSEN SQUARE	STATION TIME GMT				YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLE	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES TFR 1/8	NODC STATION NUMBER	
							MO	DAY	HR	10		CRUISE NO.	STATION NUMBER			DR	HGT	PER				SEA
						WATER		WIND		BARO- METER		AIR TEMP. °C		NO. OF DEPTHS	SPECIAL OBSERVATIONS							
						COLOR	TRANSP.	DR.	DIR.	OR.	WET	WET	WET				WET	WET				
311087	A1	2835 N	07015 W	080	80	06	26	135	1967	A72	001	5394	00	0	0	X1	6	2	0012			
						15	507	163	278	239	7	14										
MESSAGE TIME HR 1/15	CASST NO.	CARD TYPE	DEPTH M	T °C	S %	SIGMA-T	SPECIFIC VOLUME ANOMALY-20°	Σ Δ σ DYN. M. 1/10	SOUND VELOCITY	O ₂ M/L	PO ₂ -P PB - ST/1	TOTAL-P PB - ST/1	NO ₂ -N PB - ST/1	NO ₃ -N PB - ST/1	SiO ₂ -Si PB - ST/1	PH	COND.					
		STD	0000	2629	3637	2400	0039230	0000	15393													
135		085	0000	2629	3637	2400			15393													
		STD	0010	2564	3642	2418	0037562	0038	15385													
		STD	0020	2536	3648	2437	0035731	0075	15376													
135		085	0026	2505	36527	2450			15371													
		STD	0030	2470	3658	2465	0033127	0109	15364													
		STD	0050	2310	3676	2526	0027376	0170	15330													
135		085	0052		36772																	
		STD	0075	2145	3672	2565	0023357	0233	15292													
135		085	0078		36713																	
		STD	0100	2021	3665	2601	00204+2	0288	15263													
135		085	0104	2005	36683	2605			15259													
		STD	0125	1946	3665	2618	0014931	0337	15246													
		STD	0150	1846	3662	2629	0017932	0343	15236													
135		085	0155	1889	36617	2630			15235													
		STD	0200	1874	3662	2635	0017577	0472	15239													
135		085	T0209	1870	36626	2636			15239													
135		085	T0413	1733	36442	2656			15230													
		STD	0500	1659	3631	2664			15221													
135		085	0517	1635	3626P	2666			15216													
		STD	0600	1448	3555	2680			15173													
135		085	T0618	1428	35886	2683			15163													
		STD	0700	1215	3558	2703			15102													
		STD	0800	0944	3531	2722			15037													
135		085	0830	0936	35245	2727			15020													
		STD	0900	0814	3517	2740			14987													
		STD	1000	0681	3508	2753			14949													
135		085	T1045	0631	35057	2758			14936													
		STD	1100	0545	3506	2763			14931													
		STD	1200	0537	3506	2770			14924													
		STD	1300	0450	3506	2776			14922													
135		085	1316	0483	35060	2776			14922													
		STD	1400	0452	3505	2779			14923													
		STD	1500	0425	3503	2791			14924													
135		085	T1548	0408	35006	2790			14937													

REFERENCE FORM NO.	SHIP CODE	LATITUDE ° ' / 15"	LONGITUDE ° ' / 15"	S °	W °	MARSSEN SQUARE	STATION TIME GMT				YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLE	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES TFR 1/8	NODC STATION NUMBER	
							MO	DAY	HR	10		CRUISE NO.	STATION NUMBER			DR	HGT	PER				SEA
						WATER		WIND		BARO- METER		AIR TEMP. °C		NO. OF DEPTHS	SPECIAL OBSERVATIONS							
						COLOR	TRANSP.	DR.	DIR.	OR.	WET	WET	WET				WET					
311087	A1	2835 N	07125 W	080	81	06	26	183	1967	A72	002	5121	18	2	2	X1	8	5	0013			
						19	512	203	266	239	7	14										
MESSAGE TIME HR 1/15	CASST NO.	CARD TYPE	DEPTH M	T °C	S %	SIGMA-T	SPECIFIC VOLUME ANOMALY-20°	Σ Δ σ DYN. M. 1/10	SOUND VELOCITY	O ₂ M/L	PO ₂ -P PB - ST/1	TOTAL-P PB - ST/1	NO ₂ -N PB - ST/1	NO ₃ -N PB - ST/1	SiO ₂ -Si PB - ST/1	PH	COND.					
		STD	0000	2653	3626	2384	0040731	0000	15397													
183		085	0000	2653	36263	2384			15397													
		STD	0010	2566	3638	2420	0037316	0039	15381													
		STD	0020	2485	3649	2454	0034167	0074	15365													
183		085	0024	2454	36538	2466			15359													
		STD	0030	2420	3663	2483	0031391	0107	15353													
		STD	0050	2315	3681	2528	0027213	0166	15332													
183		085	0050	2199	36807	2559			15307													
		STD	0075		36776																	
183		085	0075		36776																	
		STD	0099		36708																	
		STD	1100	2102	3671	2581	0022389	0289	15285													
		STD	0125	2023	3670	2602	0020472	0342	15268													
183		085	0149	1964	36698	2617			15256													
		STD	0150	1962	3670	2617	0019089	0392	15256													
		STD	0200	1894	3659	2627	0018322	0485	15244													
183		085	T0200	1894	36591	2627			15244													
		STD	0250	1854	3658	2636	0017584	0575	15240													
		STD	0300	1816	3656	2644	0017014	0661	15238													
183		085	0303	1756	36493	2654			15234													
		STD	0400	1756	3645	2654	0016396	0829	15235													
183		085	0406	1707	36390	2658			15234													
		STD	0500	1686	3635	2660	0016123	0991	15230													
183		085	T0578	1576	36137	2670			15206													
		STD	0600	1551	3609	2672	0015219	1148	15202													
		STD	0700	1425	3588	2683	0014331	1296	15176													
183		085	0763	1328	35734	2692			15152													
		STD	0800	1252	3562	2699	0012857	1432	15132													
		STD	0900	1055	3537	2717	0011128	1551	15076													
183		085	T0942	0976	35292	2724			15054													
		STD	1000	0853	3521	2738	0008968	1652	15017													
		STD	1100	0681	3511	2755	0007140	1732	14966													
183		085	1173	0588	35062	2764			14940													
		STD	1200	0574	3506	2765	0006088	1799	14940													
		STD	1300	0524	3505	2771	0005556	1857	14936													
		STD	1400	0474	3504	2776	0005037	1910	14932													
183		085	T1402	0473	35042	2776			14932													

TABLE XVII. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 26-28 June 1967, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-1087.—Continued

REFERENCE		SHIP CODE	LATITUDE 1/19	LONGITUDE 1/18	MARSDEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEATHER CODE	CLOUD CODES	NODC STATION NUMBER	
CTRY CODE	ID. NO.					MO	DAY	HR		MIN	SEC			CRUISE NO.	STATION NUMBER	DIR				HGT
311087	AI	2835 N	07234 W	080	82	06	26	1967	A72	003	4572	00	0	0	X1	9	4	0014		
				WATER		WIND		BARO-METER		AIR TEMP. °C		NO. DISL DEPTHS		SPECIAL OBSERVATIONS						
				COLOR CODE		DR. TRANSL. MI		SPEED OF FORCE		DIR. BULB		WET BULB		VLS. CODE						
				13		505		1466		272		239		7		13				
MESSAGE NO. 1/19	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SGMA-T	SPECIFIC VOLUME ANOMALY-20°	Δσ _t D. (σ _t - σ _s)	SOUND VELOCITY	O ₂ (ml/l)	PO ₂ -P (μg - μg/l)	TOTAL-P (μg - μg/l)	NO ₃ -N (μg - μg/l)	NO ₂ -N (μg - μg/l)	SI ₀₄ -S (μg - μg/l)	PH	ST. CODE			
		STO	0000	2710	3628	2367	0042341	0000	15410											
		OBS	0000	2710	36280	2367			15410											
		STO	0010	2572	3653	2425	0036453	0039	15384											
		STO	0020	2457	3670	2478	0031869	0073	15360											
		OBS	0024	2417	3675C	2493			15352											
		STO	0030	2376	3677	2507	0029130	0104	15343											
		STO	0050	2251	3680C	2546	0025496	0158	15316											
		OBS	0050	2251	3680C	2546			15316											
		STO	0075	2148	3677	2572	0023096	0219	15294											
		STO	0100	2061	3673	2594	0021153	0274	15275											
		STO	0125	1990	3670	2610	0019653	0325	15259											
		OBS	0149	1937	36675	2622			15248											
		STO	0150	1936	3667	2623	0018563	0373	15248											
		STO	0200	1873	3663	2635	0017549	0463	15238											
		OBS	T0201	1872	36626	2635			15238											
		STO	0250	1835	3659	2642	0017073	0550	15235											
		OBS	0299	1801	36549	2647			15233											
		STO	0300	1800	3655	2647	0016710	0634	15233											
		OBS	T0397	1738	3620Q	2636Q														
		STO	0400	1738	3643	2654	0016413	0800	15229											
		OBS	0492	1670	36321	2662			15223											
		STO	0500	1655	3629	2663	0015821	0961	15220											
		OBS	T0587	1489	35587	2677			15179											
		STO	0600	1464	3554	2680	0014391	1112	15173											
		OBS	0683	1295	35686	2695			15128											
		STO	0700	1254	3563	2699	0012605	1247	15116											
		OBS	0779	1077	35407	2715			15065											
		STO	0800	1031	3536	2720	0010585	1363	15051											
		STO	0900	0836	3517	2737	0008805	1460	14993											
		OBS	0973	0717	35066	2747			14958											
		OBS	T1464	0449	35038	2778			14932											

REFERENCE		SHIP CODE	LATITUDE 1/19	LONGITUDE 1/18	MARSDEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEATHER CODE	CLOUD CODES	NODC STATION NUMBER	
CTRY CODE	ID. NO.					MO	DAY	HR		MIN	SEC			CRUISE NO.	STATION NUMBER	DIR				HGT
311087	AI	2835 N	07344 W	080	83	06	27	1967	A72	004	4389	15	3	2	X1	8	2	0015		
				WATER		WIND		BARO-METER		AIR TEMP. °C		NO. DISL DEPTHS		SPECIAL OBSERVATIONS						
				COLOR CODE		DR. TRANSL. MI		SPEED OF FORCE		DIR. BULB		WET BULB		VLS. CODE						
				15		50E		160		264		239		7		13				
MESSAGE NO. 1/19	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SGMA-T	SPECIFIC VOLUME ANOMALY-20°	Δσ _t D. (σ _t - σ _s)	SOUND VELOCITY	O ₂ (ml/l)	PO ₂ -P (μg - μg/l)	TOTAL-P (μg - μg/l)	NO ₃ -N (μg - μg/l)	NO ₂ -N (μg - μg/l)	SI ₀₄ -S (μg - μg/l)	PH	ST. CODE			
		STO	0000	2695	3635	2377	0041395	0000	15408											
		OBS	0000	2695	36348	2377			15408											
		STO	0010	2622	3636	2401	0039144	0040	15393											
		STO	0020	2552	3637	2423	0037058	0078	15379											
		OBS	0022	2539	36369	2428			15376											
		STO	0030	2495	3651	2452	0034390	0114	15369											
		OBS	0046		36735															
		STO	0050	2390	3673	2500	0029847	0178	15350											
		STO	0075	2272	3673	2534	0026702	0249	15325											
		STO	0100	2167	3671	2563	0024062	0312	15302											
		STO	0125	2077	3670	2587	0021910	0369	15282											
		OBS	0137	2038	36485	2546			15274											
		STO	0150	1949	3667	2605	0020199	0422	15265											
		OBS	T0181	1924	36037	2623			15249											
		STO	0200	1804	3663	2627	0018325	0518	15247											
		STO	0250	1958	3659	2637	0017577	0508	15241											
		OBS	0264	1846	36586	2639			15240											
		STO	0300	1821	3657	2644	0017370	0695	15239											
		OBS	T0344	1792	36535	2648			15237											
		STO	0400	1759	3647	2652	0016596	0863	15236											
		OBS	0427	1741	36441	2654			15235											
		STO	0500	1691	3635	2659	0016239	1027	15231											
		OBS	T0513	1676	36322	2660			15228											
		STO	0600	1524	3615	2675	0014924	1193	15193											
		OBS	0600	1524	36051	2675			15193											
		OBS	0627	1320	35715	2642			15157											
		STO	0700	1267	3567	2696	0012958	1322	15128											
		STO	0800	1053	3538	2717	0010874	1442	15059											
		OBS	0866	1520	35220	2724			15020											
		OBS	T1322	0452	35025	2777			14999											

TABLE XVII. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 26-28 June 1967, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-1087.—Continued

REFERENCE SHIP CODE	SHIP ID. NO.	LATITUDE ° /10'	LONGITUDE ° /10'	MARSSEN SOLAR 10° 1'	STATION TIME MO DAY HLT/10	YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLE	WAVE OBSERVATIONS			WEA- TH- ER CODE	CLOUD CODES TFR [AMT]	NODC STATION NUMBER		
							CRUISE NO.	STATION NUMBER			DR.	HGT (M)	SEA					
311087	AI	2835 N	07457 W	080	84 06 27 095	1967	A72	005	4755		14	0	4	X1	8 2	0016		
				WATER		WIND		BARO- METER (MM)		AIR TEMP. °C		NO. OF SPL. DEPTHS		SPECIAL OBSERVATIONS				
				COLOR CODE		TRAMS. M		DR. OF FORCE		DRY RULE		WET RULE		VTL CODE				
				15		506		132		267		239		7 14				
MISSION TIME HR 1/10	CASST NO.	CARD TYPE	DEPTH M	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY-20°	Δσ _t DYN. M. 10 ³	SOUND VELOCITY	O ₂ M/L	PO ₄ -P pg - M/L	TOTAL-P pg - M/L	NO ₃ -N pg - M/L	NO ₂ -N pg - M/L	SI O ₄ -S pg - M/L	pH	CTD NO.	
095		STO	0000	2656	3632	2375	0041623	0000	15408									
		OBS	0000	2696	36320	2375			15408									
		STO	0010	2566	3639	2421	0037235	0039	15381									
		STO	0020	2445	3648	2463	0033231	0074	15355									
095		OBS	0026	2376	36505	2487			15340									
		STO	0030	2331	3654	2503	0029510	0106	15330									
		STO	0050	2133	3667	2569	0023269	0158	15284									
095		OBS	0051	2124	36676	2572			15282									
		STO	0075	2054	3667	2590	0021356	0214	15268									
		STO	0100	1992	3665	2606	0019931	0266	15255									
		STO	0125	1940	3664	2619	0018812	0314	15245									
		STO	0150	1898	3663	2629	0017982	0360	15237									
095		OBS	0153	1894	36626	2630			15236									
095		OBS	T0154	1851	36601	2639			15231									
		STO	0200	1848	3660	2639	0017136	0448	15231									
		STO	0250	1820	3658	2645	0016752	0533	15231									
095		OBS	0257	1793	36570	2651			15230									
		STO	0300	1791	3657	2651	0016372	0616	15230									
095		OBS	T0384	1739	36445	2655			15227									
		STO	0400	1733	3643	2655	0016295	0779	15228									
095		OBS	0472	1666	36310	2662			15219									
		STO	0500	1613	3621	2666	0015465	0938	15206									
095		OBS	T0556	1500	36007	2677			15177									
		STO	0600	1404	3555	2685	0013775	1084	15152									
095		OBS	0541	1312	35713	2694			15127									
		STO	0700	1173	3552	2706	0011859	1212	15097									
095		OBS	0724	1119	35445	2711			15071									
		STO	0800	0949	3526	2726	0009886	1321	15020									
095		OBS	T0886	0790	35114	2740			14973									
		STO	0900	0770	3511	2743	0008204	1411	14967									
		STO	1000	0643	3509	2756	0006621	1495	14934									
		STO	1100	0548	3507	2765	0005549	1546	14912									
095		OBS	1103	0546	35065	2765			14912									
		STO	1200	0486	3505	2775	0004927	1598	14903									
		STO	1300	0456	3504	2778	0004708	1647	14908									
095		OBS	T1318	0454	35038	2778			14910									

REFERENCE SHIP CODE	SHIP ID. NO.	LATITUDE ° /10'	LONGITUDE ° /10'	MARSSEN SOLAR 10° 1'	STATION TIME MO DAY HLT/10	YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLE	WAVE OBSERVATIONS			WEA- TH- ER CODE	CLOUD CODES TFR [AMT]	NODC STATION NUMBER		
							CRUISE NO.	STATION NUMBER			DR.	HGT (M)	SEA					
311087	AI	2835 N	075295W	080	85 06 27 133	1967	A72	006	4755		13	1	2	X1	8 2	0017		
				WATER		WIND		BARO- METER (MM)		AIR TEMP. °C		NO. OF SPL. DEPTHS		SPECIAL OBSERVATIONS				
				COLOR CODE		TRAMS. M		DR. OF FORCE		DRY RULE		WET RULE		VTL CODE				
				13		507		125		272		242		7 14				
MISSION TIME HR 1/10	CASST NO.	CARD TYPE	DEPTH M	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY-20°	Δσ _t DYN. M. 10 ³	SOUND VELOCITY	O ₂ M/L	PO ₄ -P pg - M/L	TOTAL-P pg - M/L	NO ₃ -N pg - M/L	NO ₂ -N pg - M/L	SI O ₄ -S pg - M/L	pH	CTD NO.	
133		STO	0000	2621	3639	2403	0038884	0000	15392									
		OBS	0000	2621	36386	2403			15392									
		STO	0010	2528	3646	2438	0035607	0037	15373									
		STO	0020	2429	3653	2474	0032268	0071	15352									
133		OBS	0025	2377	36567	2492			15341									
		STO	0030	2314	3660	2513	0028584	0101	15326									
133		OBS	0049	2108	36711	2579			15278									
		STO	0050	2105	3671	2580	0022253	0152	15278									
		STO	0075	2026	3667	2598	0020602	0206	15260									
		STO	0100	1960	3663	2613	0019285	0255	15246									
		STO	0125	1908	3661	2625	0018274	0302	15235									
133		OBS	0146	1875	36593	2632			15229									
		STO	0150	1872	3659	2633	0017588	0347	15229									
133		OBS	T0199	1834	36577	2641			15226									
		STO	0200	1834	3658	2641	0016952	0434	15226									
		STO	0250	1809	3655	2646	0016702	0518	15227									
133		OBS	0292	1784	36519	2649			15226									
		STO	0300	1780	3651	2650	0016476	0601	15227									
133		OBS	T0387	1723	36417	2656			15223									
		STO	0400	1714	3640	2657	0016111	0764	15222									
133		OBS	0481	1626	36222	2664			15207									
		STO	0500	1593	3616	2667	0015360	0921	15199									
133		OBS	T0574	1450	35925	2681			15164									
		STO	0600	1391	3584	2687	0013591	1066	15147									
133		OBS	0664	1242	35837	2702			15106									
		STO	0700	1153	3582	2710	0011431	1191	15080									
133		OBS	0751	1035	35383	2721			15045									
		STO	0800	0928	3529	2732	0009318	1295	15013									
		STO	0900	0764	3514	2749	0007600	1379	14958									
133		OBS	T0927	0722	35108	2752			14945									
		STO	1000	0615	3509	2762	0006214	1448	14923									
		STO	1100	0521	3506	2771	0005251	1506	14901									
133		OBS	1163	0477	35036	2775			14893									
		STO	1200	0467														
		STO	1300	0442														
		STO	1400	0416														
133		OBS	T1412	0413														

TABLE XVII. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 26-28 June 1967, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-1087.—Continued

REFERENCE CTRY CODE	SHIP ID. NO.	LATITUDE N/S	LONGITUDE W/E	MARSSEN SQUARE	STATION TIME GMT			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER	
					10'	1'	MO. DAY HELI/10		CRUISE NO.	STATION NUMBER			DIR.	HGT PER	SEA				
				WATER		WIND		BARO- METER		AIR TEMP. °C		NO. OBS. DEPTHS		SPECIAL OBSERVATIONS					
				COLOR	TRANSL.	DIR.	SPEED	DRY	WET	VS. COG.									
				17	505	146	278	244	7	14									
311087	AI	2833 N	076015W	080	86	06	27	169	1967	A72	007	4755	17	1	2	X1	8	5	0018
MISSING TIME N/S	CASST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME AND MALT-38T	Σ Δ D DTN, M x 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₂ -N μg - ml/l	NO ₃ -N μg - ml/l	SiO ₄ -Si μg - ml/l	pH	CTD		
169		STO	0000	2743	3616	2347	0044244	0000	15416										
		OBS	0000	2743	36157	2347			15416										
		STO	0010	2451	3621	2443	0035170	0039	15352										
		STO	0020	2188	3627	2523	0027534	0071	15289										
169		OBS	0029	1977	36316	2584			15235										
		STO	0030	1977	3634	2587	0021555	0095	15236										
169		OBS	0043		36456														
		STO	0050	1972	3666	2612	0019211	0136	15241										
		STO	0075	1966	3668	2615	0019049	0184	15244										
		STO	0100	1960	3669	2617	0019887	0231	15247										
		STO	0125	1954	367C	2620	0018716	0278	15249										
169		OBS	0127		367C6														
		STO	0150	1548	3667	2619	0018887	0325	15251										
169		OBS	T0176	1942	36644	2619			15254										
		STO	0200	1908	3662	2626	0018435	0418	15248										
		STO	0250	1851	3659	2638	0017439	0508	15240										
169		OBS	0251	1850	36591	2638			15239										
		STO	0300	1815	3658	2646	0016824	0594	15237										
169		OBS	T0327	1798	36566	2649			15237										
		STO	0400	1762	3645	2652	0016544	0761	15237										
169		OBS	0409	1756	36480	2653			15237										
169		OBS	T0480	1699	36388	2660			15231										
		STO	0500	1676	3634	2662	0015954	0923	15227										
169		OBS	0567	1578	36155	2670			15205										
		STO	0600	1513	3604	2676	0014752	1077	15189										
169		OBS	0644	1425	35891	2684			15167										
		STO	0700	1273	3570	2701	0012494	1213	15123										
		STO	0800	1035	3541	2723	0010270	1327	15053										
169		OBS	0801		35411														
		STO	0900	0839	3532	2749	0007753	1417	14996										
		STO	1000	0686	3524	2765	0006148	1486	14953										
169		OBS	1000	0686															
		STO	1100	0576	3515	2772	0005316	1544	14924										
169		OBS	T1197	0509	35065	2774			14913										

REFERENCE CTRY CODE	SHIP ID. NO.	LATITUDE N/S	LONGITUDE W/E	MARSSEN SQUARE	STATION TIME GMT			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER	
					10'	1'	MO. DAY HELI/10		CRUISE NO.	STATION NUMBER			DIR.	HGT PER	SEA				
				WATER		WIND		BARO- METER		AIR TEMP. °C		NO. OBS. DEPTHS		SPECIAL OBSERVATIONS					
				COLOR	TRANSL.	DIR.	SPEED	DRY	WET	VS. COG.									
				17	505	132	311	261	7	14									
311087	AI	2834 N	07635 W	080	86	06	27	205	1967	A72	008	4023	17	0		X1	0	4	0019
MISSING TIME N/S	CASST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME AND MALT-38T	Σ Δ D DTN, M x 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₂ -N μg - ml/l	NO ₃ -N μg - ml/l	SiO ₄ -Si μg - ml/l	pH	CTD		
206		STO	0000	2818	3605	2318	0047067	0000	15432										
		OBS	0000	2818	36090	2318			15432										
		STO	0010	2674	3622	2374	0041755	0044	15403										
		STO	0020	2560	3634	2419	0037494	0084	15380										
206		OBS	0027	2454	36421	2444			15358										
		STO	0030	2486	3646	2451	0034480	0120	15366										
		STO	0050	2467	3669	2492	0030673	0185	15353										
206		OBS	0053	2356	36716	2497			15352										
		STO	0075	2313	3672	2522	0027433	0258	15335										
		STO	0100	2228	3672	2547	0025572	0325	15317										
		STO	0125	2147	3673	2570	0023513	0386	15301										
		STO	0150	2075	3673	2590	0021705	0443	15287										
206		OBS	0156		36734														
		STO	0200	1956	3668	2618	0014197	0545	15262										
206		OBS	T0213	1920	36661	2626			15255										
		STO	0250	1876	3663	2634	0017409	0637	15247										
		STO	0300	1813	3657	2646	0016886	0724	15237										
206		OBS	0312	1794	36551	2648			15234										
		STO	0400		3642														
206		OBS	0415	17640	36355	26450													
		STO	0500		3625														
206		OBS	0518	1610	36205	2667			15208										
		STO	0600	1418	3587	2684			15157										
206		OBS	T0618	1376	35868	2688			15145										
		STO	0700	1179	3553	2706			15089										
206		OBS	0722	1128	35463	2710			15074										
		STO	0800	0954	3525	2725			15022										
206		OBS	0822	0909	35205	2725			15008										
		STO	0900	0763	3514	2746			14965										
		STO	1000	0618	3507	2760			14924										
206		OBS	1021	0593	35058	2763			14917										
		STO	1100	0541	3505	2769			14909										
		STO	1200	0488	3504	2774			14904										
206		OBS	1264	0460	35025	2777			14904										
		STO	1300	0449	3503	2777			14905										
		STO	1400	0425	3502	2775			14911										
		STO	1500	0414	3501	2780			14923										
206		OBS	T1510	0414	35005	2780			14925										

TABLE XVII. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 26-28 June 1967, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-1087.—Continued

REFERENCE CITY NO.	SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	P S	MARSDEN SQUARE		STATION TIME (GMT)				YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF FATHMS	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER
					10'	1'	MO	DAY	HR	1/10		CRUISE NO.	STATION NUMBER			DIR	HGT	PER			
311087	A1	28355N	07715 W	080	87	06	27	238	1967	A72	009	1051		20	0	2	X1	0	5		0020
				WATER		WIND		BARO- METER		AIR TEMP. °C		VLS CODE	NO. OBS DEPTH	SPECIAL OBSERVATIONS							
				COLOR CODE	TRNSL M	DIR	PREO OR FORCE	METER (mb)	DRY BULB	WET BULB											
				17	506	129	278	239	7	13											
MISSING TIME HR 1/10	CASIT NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPICIC VOLUME ANOMALY- σ_{θ}	$\Sigma \Delta \sigma$ DYN. M. $\times 10^2$	SOUND VELOCITY	D ₃ m/s	NO ₂ -P pg - m/l	TOTAL-P pg - m/l	NO ₃ -M pg - m/l	NO ₂ -M pg - m/l	SiO ₄ -S pg - m/l	pH	S C				
238		STD	0000	2755	3613	2341	0044845	0000	15418												
		D8S	0000	2755	36125	2341			15418												
		STD	0010	2619	3632	2399	0039372	0042	15392												
		STD	0020	2496	3647	2448	0034685	0079	15367												
238		D8S	0025	2439	36528	2476			15355												
		STD	0030	2416	3657	2480	0031709	0112	15351												
238		D8S	0049		36682																
		STD	0050	2327	3668	2515	0028465	0172	15334												
		STD	0075	2228	3668	2544	0025819	0240	15313												
		STD	0100	2141	3669	2568	0023570	0302	15295												
		STD	0125	2067	3669	2589	0021691	0358	15280												
238		D8S	0145	2016	36692	2603			15269												
		STD	0150	2006	3669	2605	0020236	0411	15267												
238		D8S	T0197	1921	36652	2625			15251												
		STD	0200	1916	3665	2626	0018455	0507	15250												
		STD	0250	1843	3659	2640	0017283	0597	15237												
238		D8S	0287	1800	36542	2647			15230												
		STD	0300	1796	3654	2648	0016690	0682	15231												
238		D8S	T0379	1731	36425	2655			15224												
		STD	0400	1700	3636	2658	0016021	0845	15217												
238		D8S	0473	1558	36108	2671			15183												
		STD	0500	1485	3595	2678	0014232	0996	15163												
238		D8S	T0572	1284	35681	2697			15106												
		STD	0600	1197	3556	2705	0011766	1126	15079												
238		D8S	0668	1005	35316	2721			15019												
		STD	0700	0917	3523	2729	0009342	1232	14991												
238		D8S	0765	0776	35111	2742			14947												
		STD	0800	0753	3509	2744	0007896	1318	14944												
238		D8S	T0879	0650	35066	2756			14916												
		STD	0900	0611	3506	2761	0006199	1389	14904												
238		D8S	T0917	0575	35057	2765			14893												

REFERENCE CITY NO.	SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	P S	MARSDEN SQUARE		STATION TIME (GMT)				YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF FATHMS	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER
					10'	1'	MO	DAY	HR	1/10		CRUISE NO.	STATION NUMBER			DIR	HGT	PER			
311087	A1	28355N	07752 W	080	87	06	28	027	1967	A72	010	0988		20	0	2	X1	8	5		0021
				WATER		WIND		BARO- METER		AIR TEMP. °C		VLS CODE	NO. OBS DEPTH	SPECIAL OBSERVATIONS							
				COLOR CODE	TRNSL M	DIR	PREO OR FORCE	METER (mb)	DRY BULB	WET BULB											
				18	506	132	272	242	7	09											
MISSING TIME HR 1/10	CASIT NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPICIC VOLUME ANOMALY- σ_{θ}	$\Sigma \Delta \sigma$ DYN. M. $\times 10^2$	SOUND VELOCITY	D ₃ m/s	NO ₂ -P pg - m/l	TOTAL-P pg - m/l	NO ₃ -M pg - m/l	NO ₂ -M pg - m/l	SiO ₄ -S pg - m/l	pH	S C				
027		STD	0000	2756	3650	2365	0042150	0000	15423												
		D8S	0000	2756	36504	2369			15423												
		STD	0010	2658	3657	2405	0038754	0040	15404												
		STD	0020	2565	3662	2437	0035722	0077	15386												
		STD	0030	2499	3667	2466	0033055	0112	15369												
		STD	0050	2353	3675	2512	0028711	0173	15341												
027		D8S	0053	2336	36758	2518			15337												
		STD	0075	2311	3675	2524	0027657	0244	15335												
		STD	0100	2283	3673	2531	0027074	0312	15332												
		STD	0125	2254	3672	2538	0026507	0379	15329												
		STD	0150	2226	3670	2545	0025440	0445	15325												
027		D8S	0159	2216	36696	2548			15324												
		STD	0200	1864	3649	2627	0018323	0595	15234												
		D8S	0213	1775	36425	2644			15210												
		STD	0250	1657	3625	2655	0015366	0640	15179												
		STD	0300	1521	3604	2675	0014005	0713	15142												
027		D8S	T0321	1471	35665	2680			15129												
		STD	0400	1338	3574	2691	0012485	0847	15096												
027		D8S	0430	1285	35654	2695			15082												
		STD	0500	1160	3545	2707	0011276	0966	15049												
027		D8S	T0540	1063	35402	2714			15027												
		STD	0600	0947	3524	2725	0009564	1071	14986												
027		D8S	0647	0857	35156	2733			14952												
		STD	0700	0771	3510	2741	0007988	1158	14935												
027		D8S	T0757	0699	35040	2750			14916												

TABLE XVII. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 26-28 June 1967, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-1087.—Continued

REFERENCE CTRN CODE	SHIP ID. NO.	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	E W	MARSDEN SQUARE				STATION TIME (GMT)			YEAR	ORIGINATOR'S STATION NUMBER		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPL.	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES (1/10)	NODC STATION NUMBER
						10'	1'	MD	DAT	HR	MIN	SEC		CRUISE NO.	STATION NUMBER			DR	HGT	PER			
311087	AI	2832 N	07824 W	080	08	06	28	056	1967	A72	011	0914	18	0	2	X1	6	5	0022				
		WATER		WIND		BARO- METER		AIR TEMP. °C		VIS.		SPECIAL OBSERVATIONS											
		COLOR CODE		DIR. OF FORCE		METER INCH		DRY WET RULE		VIS. CODE		NO. OBS. DEPTH											
		18		S1C		509		122		272 250		7 12											
MESSAGE TIME HR 1/10	CASST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-20°	Σ Δ D DTN. M. ± 10'	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₂ -N μg - ml/l	NO ₃ -N μg - ml/l	SIO ₄ -S μg - ml/l	pH	S CODE						
056		STD	0000	2722																			
		DPS	0000	2722																			
		STD	0010	2620																			
		STD	0020	2545																			
056		OBS	0026	2496																			
		STD	0030	2477																			
		STD	0050	2358																			
056		DPS	0051																				
		STD	0075	2234																			
		STD	0100	2129																			
		STD	0125	2042																			
		STD	0150	1575																			
056		OBS	0155	1564																			
		STD	0200	1503																			
056		DPS	0207	1894																			
		STD	0250	1837																			
		STD	0300	1732																			
056		OBS	0310	1773																			
		STD	0400	1727																			
056		OBS	T0416	1707																			
		STD	0500	1546																			
056		OBS	0516	1504																			
		STD	0600	1259																			
056		OBS	T0615	1218																			
		STD	0700	1014																			
056		OBS	0726	0596																			
		STD	0800	0802																			
056		DPS	0831	07320																			
056		DPS	T0869	0670																			

REFERENCE CTRN CODE	SHIP ID. NO.	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	E W	MARSDEN SQUARE				STATION TIME (GMT)			YEAR	ORIGINATOR'S STATION NUMBER		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPL.	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES (1/10)	NODC STATION NUMBER
						10'	1'	MD	DAT	HR	MIN	SEC		CRUISE NO.	STATION NUMBER			DR	HGT	PER			
311087	AI	28337 N	C7900 W	080	09	06	28	087	1967	A72	C12	0805	13	1	2	X2	6	8	0023				
		WATER		WIND		BARO- METER		AIR TEMP. °C		VIS.		SPECIAL OBSERVATIONS											
		COLOR CODE		DIR. OF FORCE		METER INCH		DRY WET RULE		VIS. CODE		NO. OBS. DEPTH											
		18		S1C		272		244		7 10													
MESSAGE TIME HR 1/10	CASST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-20°	Σ Δ D DTN. M. ± 10'	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₂ -N μg - ml/l	NO ₃ -N μg - ml/l	SIO ₄ -S μg - ml/l	pH	S CODE						
087		STD	0000	2782	3597	2320	0040812	0000	15423														
		OBS	0000	2782	3598	2320			15423														
		STD	0010	2634	3598	2365	0042237	0044	15342														
		STD	0020	2458	3600	2413	0038083	0084	15362														
087		OBS	0025	2435	3622	2433			15344														
		STD	0030	2426	3605	2438	0035723	0121	15347														
		STD	0050	2368	3615	2457	0031976	0191	15343														
087		OBS	0050	2341	3639	2488	0031123	0272	15338														
		STD	0100	2291	3654	2515	0028651	0347	15332														
		STD	0125	2241	3668	2538	0026550	0416	15324														
		STD	0150	2189	3672	2557	0024829	0480	15316														
087		OBS	0152		3678				15247														
087		DPS	T0196	2090	3667	2582			15295														
		STD	0200	2078	3668	2585	0022373	0598	15295														
		STD	0250	1847	3664	2617	0019502	0703	15267														
		STD	0300	1848	3658	2638	0017613	0796	15247														
087		OBS	0302	1845	3658	2639			15246														
		STD	0400	1751	3645	2652	0016592	0907	15234														
087		DPS	T0405	1744	3643	2653			15232														
		STD	0500	1555	3606	2669	0015195	1126	15186														
087		DPS	0505	1544	3606	2670			15183														
		STD	0600	1328	3571	2690	0013258	1268	15125														
087		OBS	T0606	1312	3568	2692			15121														
		STD	0700	1037	3531	2715	0010430	1388	15036														
087		OBS	T0707	1014	3522	2717			15024														

TABLE XVII. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 26-28 June 1967, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-1087.—Continued

REFERENCE CTM CODE	SNIP CODE ID. NO.	LATITUDE 1/10	LONGITUDE 1/10	C D S	MARENGO SQUARE		STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLE	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER																									
					10'	1"	MO	DAY	HR		1/10	CRUISE NO.			STATION NUMBER	DIR.	HGT				PER	SEA	TYPE	AMT																					
311087	A1	28350N	079175W	080	89	06	28	121	1967	A72	013	0805	18	0			X1	6	6	0024																									
<table border="1"> <thead> <tr> <th colspan="2">WATER</th> <th colspan="2">WIND</th> <th rowspan="2">BARO- METER (mb)</th> <th colspan="2">AIR TEMP. °C</th> <th rowspan="2">VIL CODE</th> <th rowspan="2">NO. OBS. DEPTH</th> <th rowspan="2">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>COLOR CODE</th> <th>TRNSP. M</th> <th>DIR. TRF OR FORCE</th> <th>DRY BULB</th> <th>WET BULB</th> </tr> </thead> <tbody> <tr> <td></td> <td>18</td> <td>S07</td> <td></td> <td>125</td> <td>283</td> <td>256</td> <td>7</td> <td>09</td> <td></td> </tr> </tbody> </table>																					WATER		WIND		BARO- METER (mb)	AIR TEMP. °C		VIL CODE	NO. OBS. DEPTH	SPECIAL OBSERVATIONS	COLOR CODE	TRNSP. M	DIR. TRF OR FORCE	DRY BULB	WET BULB		18	S07		125	283	256	7	09	
WATER		WIND		BARO- METER (mb)	AIR TEMP. °C		VIL CODE	NO. OBS. DEPTH	SPECIAL OBSERVATIONS																																				
COLOR CODE	TRNSP. M	DIR. TRF OR FORCE	DRY BULB		WET BULB																																								
	18	S07		125	283	256	7	09																																					
MESSAGE TIME HR 1/10		CASE NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY-20°	Σ Δ σ DWN. M. 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₃ -N μg - ml/l	NO ₂ -N μg - ml/l	SiO ₄ -Si μg - ml/l	PH	CO ₂																											
121			STD	0000	2845	3606	2305	0048233	0000	15433																																			
			085	0000	2849	36063	2305			15438																																			
			STD	0010		3605																																							
			STD	0020		3612																																							
121			085	0027		3613C																																							
			STD	0030		3613																																							
			STD	0050		3614																																							
121			085	0052		36146																																							
			STD	0075		3636																																							
			STD	0100		3654																																							
			STD	0125		3667																																							
			STD	0150		3674																																							
121			085	0152		36745																																							
			STD	0200		3670																																							
121			085	T0204	1972	36695	2615			15264																																			
			STD	0250	1903	3663	2628			15255																																			
			STD	0300	1830	3656	2639			15244																																			
121			085	0312	1826	36550	2641			15242																																			
			STD	0400	1762	36495	2648			15243																																			
121			085	0415	1764	36495	2650			15240																																			
			STD	0500	1602	3617	2666			15232																																			
121			085	0517	1564	36102	2659			15192																																			
			STD	0600	1352	3576	2689			15134																																			
121			085	T0618	1360	3568	2694			15119																																			

REFERENCE CTM CODE	SNIP CODE ID. NO.	LATITUDE 1/10	LONGITUDE 1/10	C D S	MARENGO SQUARE		STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLE	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER																									
					10'	1"	MO	DAY	HR		1/10	CRUISE NO.			STATION NUMBER	DIR.	HGT				PER	SEA	TYPE	AMT																					
311087	A1	28355N	07935 W	080	89	06	28	134	1967	A72	014	0759	14	1	2		X1	8	2	0025																									
<table border="1"> <thead> <tr> <th colspan="2">WATER</th> <th colspan="2">WIND</th> <th rowspan="2">BARO- METER (mb)</th> <th colspan="2">AIR TEMP. °C</th> <th rowspan="2">VIL CODE</th> <th rowspan="2">NO. OBS. DEPTH</th> <th rowspan="2">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>COLOR CODE</th> <th>TRNSP. M</th> <th>DIR. TRF OR FORCE</th> <th>DRY BULB</th> <th>WET BULB</th> </tr> </thead> <tbody> <tr> <td></td> <td>15</td> <td>S10</td> <td></td> <td>122</td> <td>278</td> <td>261</td> <td>7</td> <td>10</td> <td></td> </tr> </tbody> </table>																					WATER		WIND		BARO- METER (mb)	AIR TEMP. °C		VIL CODE	NO. OBS. DEPTH	SPECIAL OBSERVATIONS	COLOR CODE	TRNSP. M	DIR. TRF OR FORCE	DRY BULB	WET BULB		15	S10		122	278	261	7	10	
WATER		WIND		BARO- METER (mb)	AIR TEMP. °C		VIL CODE	NO. OBS. DEPTH	SPECIAL OBSERVATIONS																																				
COLOR CODE	TRNSP. M	DIR. TRF OR FORCE	DRY BULB		WET BULB																																								
	15	S10		122	278	261	7	10																																					
MESSAGE TIME HR 1/10		CASE NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY-20°	Σ Δ σ DWN. M. 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₃ -N μg - ml/l	NO ₂ -N μg - ml/l	SiO ₄ -Si μg - ml/l	PH	CO ₂																											
139			STD	0000	2843	3605	2307	0048115	0000	15437																																			
			085	0000	2843	36054	2307			15437																																			
			STD	0010	2788	3606	2325	0046353	0047	15427																																			
			STD	0020	2735	3608	2344	0044638	0042	15417																																			
139			085	0026		3608E																																							
			STD	0030	2683	3609	2362	0042967	0136	15407																																			
			STD	0050	2562	3614	2397	0039700	0219	15388																																			
139			085	0050		36140																																							
			STD	0075	2465	3640	2453	0034490	0311	15368																																			
			STD	0100	2355	3659	2500	0030090	0392	15348																																			
			STD	0125	2254	3672	2539	0026498	0463	15328																																			
139			085	0143		36763																																							
			STD	0150	2161	3675	2568	0023811	0526	15309																																			
139			085	T0199	2007	36691	2605			15276																																			
			STD	0200	2002	3669	2606	0020320	0636	15274																																			
			STD	0250	1882	3652	2632	0018036	0732	15249																																			
			085	0292	1794	36530	2648			15224																																			
			STD	0300	1766	3652	2649	0016586	0819	15228																																			
139			085	T0389	1633	36251	2665			15194																																			
			STD	0400	1599	3618	2668	0015016	0977	15185																																			
139			085	0484	1339	3570E	2688			15110																																			
			STD	0500	1280	3560	2692	0012792	1116	15091																																			
139			085	0579	1036	35242	2710			15015																																			
139			085	T0597	0992	35197	2714			15001																																			

TABLE XVII. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 26-28 June 1967, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-1087.—Continued

REFERENCE CRUISE CODE	SHIP CODE ID. NO.	LATITUDE ° 1/10	LONGITUDE ° 1/10	MAGNETIC CORRECTION 1/10	MAGNETIC SQUARE		STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF TEMP. °C	WAVE OBSERVATIONS				WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER						
					10'	1"	MO	DAY	HR		MIN	SEC			CRUISE NO.	STATION NUMBER	DR.	HGT				PER	SEA				
311087	A1	28355N	07953 W	080	89	06	28	157	1967	A72	015	D310		18	0	2		X1	8	14		0026					
												WATER		WIND		AIR TEMP. °C		NO. OBS. DEPTHS		SPECIAL OBSERVATIONS							
												COLOR CODE	TRANSP. M	DIR.	SPEED OF FORCE	BARO-METER (mbars)	DRY BULB	WET BULB	VIL CODE								
																20	S10	125	294	256	7	08					
MESSAGE NO. 1/10	CASE NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY-20°	$\Sigma \Delta \sigma_t$ DYN. M. 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P µg - ml/l	TOTAL-P µg - ml/l	NO ₃ -N µg - ml/l	NO ₂ -N µg - ml/l	SiO ₂ -Si µg - ml/l	pH	SIC										
157		STD	0000	2860	3612	2306	0048151	0000	15441																		
		ONS	0000	2860	36124	2306			15441																		
		STD	0010	2767	3610	2335	0045424	0046	15422																		
		STD	0020	2884	3609	2361	0043017	0091	15406																		
157		ONS	0025		3608e																						
		STD	0030	2613	3605	2384	0040882	0133	15391																		
		STD	0050	2501	3611	2419	0037542	0211	15369																		
157		ONS	0050	2501	36107	2419			15369																		
		STD	0075	24e1	3625	2442	0035499	0302	15365																		
157		ONS	0075		3624e																						
		STD	0100	2422	3654	2476	0032383	0367	15363																		
157		ONS	0105	2414	36571	2481			15363																		
		STD	0125	2382	3657	2490	0031127	0466	15359																		
		STD	0150	1943	3656	2612	0019554	0530	15249																		
157		ONS	0150	1943	36564	2612			15249																		
157		ONS	02010	1571	36095	26074																					
157		ONS	02460	1472	35764	26660																					

REFERENCE CRUISE CODE	SHIP CODE ID. NO.	LATITUDE ° 1/10	LONGITUDE ° 1/10	MAGNETIC CORRECTION 1/10	MAGNETIC SQUARE		STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF TEMP. °C	WAVE OBSERVATIONS				WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER						
					10'	1"	MO	DAY	HR		MIN	SEC			CRUISE NO.	STATION NUMBER	DR.	HGT				PER	SEA				
311087	A1	2835 N	08008 W	081	80	06	28	173	1967	A72	016	D046		18	0	2		X1	8	14		0027					
												WATER		WIND		AIR TEMP. °C		NO. OBS. DEPTHS		SPECIAL OBSERVATIONS							
												COLOR CODE	TRANSP. M	DIR.	SPEED OF FORCE	BARO-METER (mbars)	DRY BULB	WET BULB	VIL CODE								
																20	S10	125	294	256	7	03					
MESSAGE NO. 1/10	CASE NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY-20°	$\Sigma \Delta \sigma_t$ DYN. M. 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P µg - ml/l	TOTAL-P µg - ml/l	NO ₃ -N µg - ml/l	NO ₂ -N µg - ml/l	SiO ₂ -Si µg - ml/l	pH	SIC										
173		STD	0000	2748	3603	2323	0046575	0000	15425																		
		ONS	0000	2748	36027	2323			15425																		
		STD	0010	2772	3604	2329	0046044	0046	15423																		
		STD	0020	2757	3605	2335	0045503	0092	15421																		
173		ONS	0025	2744	36059	2338			15421																		
		STD	0030	2376	3609	2455	0034041	0131	15336																		
173		ONS	0035	1862	36121	2494			15207																		

TABLE XVIII. Observed and interpolated oceanographic data taken by USCGC SEBAGO, 24-26 June 1968, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-1273.

REFERENCE CITY CODE	SHIP ID. NO.	SHIP CODE	LATITUDE ° ' / 10	LONGITUDE ° ' / 10	L S E C	MARSDEN SQUARE		STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	WAVE DEPTH OF SPL'S	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NOOC STATION NUMBER																				
						10'	1"	MO.	DAY	HR./10		CRUISE NO.	STATION NUMBER			DIR.	HGT	PER				SEA																			
311273	55		2835 N	07008 W		080	80	06	24	007	1968	A73	001	5194	14	24			1	X1	0	5		0021																	
																						WATER		WIND		BARO- METER		AIR TEMP. °C		VIS		NO. OBS DEPTH		SPECIAL OBSERVATIONS							
																						COLOR		DIR.		SPED OF FORCE		DRY BULB		WET BULB		7									
																						23		508		214		263		244		7		14							
MISSION TIME HR. / 10	CASST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-σ _t	Δ σ DPN M x 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - ml	TOTAL-P μg - ml	NO ₂ -N μg - ml	NO ₃ -N μg - ml	SiO ₄ -S μg - ml	pH	S CC																								
		STD	0000	2631	3630	2403	0038918	0000	15386																																
	007	OBS	0000	2601	36297	2403	0038571	0039	15386																																
		STD	0010	2589	3630	2407	0037746	0077	15385																																
		STD	0020	2577	3637	2416			15385																																
	007	OBS	0022	2574	36389	2418	0030671	0111	15385																																
		STD	0030	2383	3658	2491			15343																																
	007	OBS	0045	2141	36784	2576	0022273	0164	15287																																
		STD	0050	2125	3678	2580			15284																																
	007	OBS	0067	2057	36732	2595	0020042	0217	15268																																
		STD	0075	2007	3668	2604			15255																																
	007	OBS	0089	1937	36613	2618	0018386	0465	15238																																
		STD	0100	1914	3660	2622	0017616	0310	15233																																
	007	OBS	0125	1873	3658	2631			15225																																
	007	OBS	0134	1862	36569	2633	0017340	0354	15223																																
	007	OBS	0150	1852	3656	2635			15223																																
		STD	T0179	1836	36554	2639	0017033	0440	15225																																
		STD	0200	1829	3655	2640	0016871	0524	15227																																
		STD	0250	1809	3653	2644	0016735	0608	15228																																
	007	OBS	0300	1787	3650	2647			15229																																
		STD	0355	1760	36459	2651	0016607	0775	15232																																
	007	OBS	0400	1746	3643	2652			15228																																
	007	OBS	0444	1710	36364	2655	0019878	0938	15212																																
		STD	0500	1632	3621	2662			15200																																
	007	OBS	T0528	1583	36128	2667	0013781	1086	15145																																
		STD	0600	1386	3580	2685	0011649	1213	15072																																
	007	OBS	0715	1097	35394	2711			15061																																
		STD	0800	0885	3520	2732	0009230	1317	14995																																
		STD	0900	0699	3506	2749	0007488	1401	14939																																
	007	OBS	0901	0697	35057	2749			14938																																
		STD	1000	0615	3506	2760	0006438	1471	14922																																
	007	OBS	1100	0547	3505	2768	0005616	1531	14912																																
		STD	1136	0526	35053	2771			14909																																
		STD	1200	0493	3505	2774	0005022	1584	14906																																
	007	OBS	1300	0453	3503	2777	0004739	1633	14906																																
		STD	T1371	0434	35013	2778			14910																																

REFERENCE CITY CODE	SHIP ID. NO.	SHIP CODE	LATITUDE ° ' / 10	LONGITUDE ° ' / 10	L S E C	MARSDEN SQUARE		STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	WAVE DEPTH OF SPL'S	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NOOC STATION NUMBER																				
						10'	1"	MO.	DAY	HR./10		CRUISE NO.	STATION NUMBER			DIR.	HGT	PER				SEA																			
311273	55		2835 N	07125 W		080	81	06	24	060	1968	A73	002	5029	15	16			1	X1	6	5		0022																	
																						WATER		WIND		BARO- METER		AIR TEMP. °C		VIS		NO. OBS DEPTH		SPECIAL OBSERVATIONS							
																						COLOR		DIR.		SPED OF FORCE		DRY BULB		WET BULB		7									
																						14		507		215		257		248		7		14							
MISSION TIME HR. / 10	CASST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-σ _t	Δ σ DPN M x 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - ml	TOTAL-P μg - ml	NO ₂ -N μg - ml	NO ₃ -N μg - ml	SiO ₄ -S μg - ml	pH	S CC																								
		STD	0000	2571	3637	2418	0037479	0000	15380																																
	060	OBS	0000	2571	36373	2418	0036764	0037	15380																																
		STD	0010	2559	3643	2426	0036031	0074	15379																																
		STD	0020	2548	3649	2434			15379																																
	060	OBS	0024	2543	36504	2437	0030862	0107	15341																																
		STD	0030	2377	3653	2489			15252																																
	060	OBS	0049	2013	36589	2596	0020607	0158	15250																																
		STD	0050	2007	3659	2597			15225																																
	060	OBS	0072	1904	36584	2624	0018072	0207	15224																																
		STD	0075	1899	3658	2625			15219																																
	060	OBS	0096	1868	36575	2632	0017405	0251	15219																																
		STD	0100	1865	3657	2633	0017130	0294	15219																																
	060	OBS	0125	1850	3657	2637			15219																																
		STD	0145	1840	36566	2639	0016965	0337	15219																																
	060	OBS	T0193	1822	36553	2642			15221																																
		STD	0200	1821	3655	2642	0016869	0422	15222																																
		STD	0250	1808	3650	2642	0017086	0506	15226																																
		STD	0300	1787	3645	2643	0017110	0592	15228																																
	060	OBS	T0379	1741																																					
		STD	0400	1731	3635	2649	0016839	0762	15226																																
	060	OBS	0476	1660	36274	2660			15217																																
		STD	0500	1623	3620	2663	0015746	0925	15209																																
	060	OBS	T0569	1501	35991	2675			15180																																
		STD	0600	1423	3590	2685	0013833	1072	15159																																
		STD	0700	1185	3562	2712	0011327	1198	15092																																
	060	OBS	0767	1035	35456	2727			15048																																
		STD	0800	0953	3537	2734	0009141	1301	15023																																
		STD	0900	0743	3518	2752	0007279	1383	14958																																
	060	OBS	0965	0639	35102	2760			14927																																
		STD	1000	0610	3511	2765	0005963	1449	14921																																
		STD	1100	0539	3513	2775	0004947	1503	14909																																
		STD	1200	0485	3515	2783	0004181	1549	14904																																
	060	OBS	1216	0478	35153	2784			14904																																
		STD	1300	0448	3516	2788	0003719	1589	14906																																
		STD	1400	0428	3517	2791	0003481	1625	14915																																
	060	OBS	T1478	0424	35173	2792			14926																																

TABLE XVIII. Observed and interpolated oceanographic data taken by USCGC SEBAGO, 24-26 June 1968, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-1273.—Continued

REFERENCE CRP CODE	SHIP ID. NO.	SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	MARSSEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER																																
						10'	11'	12'		MO	DAY			HR. 1/10	CRUISE NO.	STATION NUMBER				DIR.	HGT	PER	SEA																												
311273	55		2835 N	07455 W	080	94	06	24	206	1968	A73	005	4682	14	20		1	X2	6	8		0025																													
<table border="1"> <thead> <tr> <th colspan="2">WATER</th> <th colspan="2">WIND</th> <th colspan="2">AIR TEMP. °C</th> <th colspan="2">NO. OBS. DEPTHS</th> <th colspan="2">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>COLOR CODE</th> <th>TRANS. (m)</th> <th>DIR.</th> <th>SPEED OR FORCE</th> <th>BARO-METER (mb)</th> <th>DBT BULB</th> <th>WET BULB</th> <th>WIL CODE</th> <th>NO. OBS. DEPTHS</th> <th>SPECIAL OBSERVATIONS</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td>19</td> <td>508</td> <td>210</td> <td>273</td> <td>252</td> <td>7</td> <td>14</td> </tr> </tbody> </table>																						WATER		WIND		AIR TEMP. °C		NO. OBS. DEPTHS		SPECIAL OBSERVATIONS		COLOR CODE	TRANS. (m)	DIR.	SPEED OR FORCE	BARO-METER (mb)	DBT BULB	WET BULB	WIL CODE	NO. OBS. DEPTHS	SPECIAL OBSERVATIONS				19	508	210	273	252	7	14
WATER		WIND		AIR TEMP. °C		NO. OBS. DEPTHS		SPECIAL OBSERVATIONS																																											
COLOR CODE	TRANS. (m)	DIR.	SPEED OR FORCE	BARO-METER (mb)	DBT BULB	WET BULB	WIL CODE	NO. OBS. DEPTHS	SPECIAL OBSERVATIONS																																										
			19	508	210	273	252	7	14																																										
MISSING TIME HR. 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-δ _σ -T	Σ Δ D DYN. M. 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg · ml ⁻¹	TOTAL-P μg · ml ⁻¹	NO ₂ -N μg · ml ⁻¹	NO ₃ -N μg · ml ⁻¹	SiO ₄ -Si μg · ml ⁻¹	pH	S. COND.																																		
		STO	0000	2637	3609	2376	0041486	0000	15392																																										
	206	OBS	0000	2637	36090	2376			15392																																										
		STO	0010	2613	3609	2384	0040794	0041	15388																																										
		STO	0020	2590	3610	2391	0040110	0082	15385																																										
	206	OBS	0024	2580	36096	2394			15383																																										
		STO	0030	2477	3627	2439	0035590	0119	15362																																										
	206	OBS	0049	2245	36618	2534			15312																																										
		STO	0050	2240	3662	2535	0026522	0182	15311																																										
	206	OBS	0072	2155	36599	2558			15293																																										
		STO	0075	2149	3661	2560	0024229	0245	15292																																										
	206	OBS	0096	2104	36675	2578			15285																																										
		STO	0100	2092	3667	2580	0022394	0303	15282																																										
		STO	0125	2027	3667	2598	0020810	0357	15269																																										
	206	OBS	0144	1985	36657	2608			15260																																										
		STO	0150	1975	3665	2610	0019727	0408	15258																																										
	206	OBS	T0191	1913	36627	2625			15248																																										
		STO	0200	1906	3662	2626	0018404	0503	15247																																										
		STO	0250	1867	3659	2634	0017841	0594	15244																																										
		STO	0300	1830	3655	2640	0017406	0682	15241																																										
	206	OBS	T0369	1781	36492	2648			15238																																										
		STO	0400	1768	3647	2649	0016839	0853	15239																																										
	206	OBS	0463	1718	36386	2655			15233																																										
		STO	0500	1672	3630	2660	0016146	1018	15225																																										
	206	OBS	T0550	1593	36153	2667			15207																																										
		STO	0600	1466	3593	2678	0014532	1172	15173																																										
		STO	0700	1220	3556	2700	0012440	1306	15103																																										
	206	OBS	0724	1163	35481	2705			15087																																										
		STO	0800	0970	3527	2723	0010165	1419	15028																																										
	206	OBS	T0892	0783	35096	2739			14971																																										
		STO	0900	0772	3509	2741	0008390	1512	14968																																										
		STO	1000	0654	3507	2756	0006896	1589	14938																																										
		STO	1100	0563	3504	2765	0005942	1653	14918																																										
	206	OBS	1131	0540	35039	2768			14914																																										
		STO	1200	0499	3503	2772	0005251	1709	14909																																										
		STO	1300	0462	3502	2776	0004932	1760	14910																																										
	206	OBS	T1183	0453	35016	2776			14920																																										

REFERENCE CRP CODE	SHIP ID. NO.	SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	MARSSEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER																																
						10'	11'	12'		MO	DAY			HR. 1/10	CRUISE NO.	STATION NUMBER				DIR.	HGT	PER	SEA																												
311273	55		2835 N	07529 W	080	85	06	24	234	1968	A73	006	4755	15	22		1	X2	6	8		0026																													
<table border="1"> <thead> <tr> <th colspan="2">WATER</th> <th colspan="2">WIND</th> <th colspan="2">AIR TEMP. °C</th> <th colspan="2">NO. OBS. DEPTHS</th> <th colspan="2">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>COLOR CODE</th> <th>TRANS. (m)</th> <th>DIR.</th> <th>SPEED OR FORCE</th> <th>BARO-METER (mb)</th> <th>DBT BULB</th> <th>WET BULB</th> <th>WIL CODE</th> <th>NO. OBS. DEPTHS</th> <th>SPECIAL OBSERVATIONS</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td>20</td> <td>508</td> <td>200</td> <td>262</td> <td>257</td> <td>7</td> <td>14</td> </tr> </tbody> </table>																						WATER		WIND		AIR TEMP. °C		NO. OBS. DEPTHS		SPECIAL OBSERVATIONS		COLOR CODE	TRANS. (m)	DIR.	SPEED OR FORCE	BARO-METER (mb)	DBT BULB	WET BULB	WIL CODE	NO. OBS. DEPTHS	SPECIAL OBSERVATIONS				20	508	200	262	257	7	14
WATER		WIND		AIR TEMP. °C		NO. OBS. DEPTHS		SPECIAL OBSERVATIONS																																											
COLOR CODE	TRANS. (m)	DIR.	SPEED OR FORCE	BARO-METER (mb)	DBT BULB	WET BULB	WIL CODE	NO. OBS. DEPTHS	SPECIAL OBSERVATIONS																																										
			20	508	200	262	257	7	14																																										
MISSING TIME HR. 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-δ _σ -T	Σ Δ D DYN. M. 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg · ml ⁻¹	TOTAL-P μg · ml ⁻¹	NO ₂ -N μg · ml ⁻¹	NO ₃ -N μg · ml ⁻¹	SiO ₄ -Si μg · ml ⁻¹	pH	S. COND.																																		
		STO	0000	2611	3612	2386	0040504	0000	15386																																										
	234	OBS	0000	2611	36118	2386			15386																																										
		STO	0010	2576	3615	2400	0039272	0040	15380																																										
		STO	0020	2532	3620	2417	0037656	0078	15372																																										
	234	OBS	0025	2506	36229	2427			15368																																										
		STO	0030	2469	3629	2443	0035215	0115	15360																																										
		STO	0050	2340	3648	2496	0030264	0180	15335																																										
	234	OBS	0051	2334	36483	2498			15333																																										
		STO	0075	2220	3661	2540	0026121	0251	15310																																										
	234	OBS	0075	2220	36611	2540			15310																																										
		STO	0100	2160	3666	2561	0024271	0314	15300																																										
	234	OBS	0100	2160	36658	2561			15300																																										
		STO	0125	2090	3668	2582	0022364	0372	15286																																										
		STO	0150	2030	3668	2598	0020907	0426	15274																																										
	234	OBS	0151	2028	36681	2599			15273																																										
		STO	0200	1941	3664	2619	0019107	0526	15257																																										
	234	OBS	0202	1938	36641	2619			15257																																										
		STO	0250	1883	3658	2629	0018305	0620	15248																																										
		STO	0300	1812	3649	2640	0017405	0709	15235																																										
		STO	0400	1626	3622	2664	0015352	0873	15193																																										
	234	OBS	T0403	1620	36206	2665			15192																																										
		STO	0500	1383	3581	2687	0013366	1016	15128																																										
	234	OBS	0502	1379	35804	2687			15127																																										
		STO	0600	1209	3556	2702	0011976	1143	15083																																										
	234	OBS	T0606	1198	35545	2703			15080																																										
		STO	0700	0940	3527	2725	0009785	1252	15008																																										
		STO	0800	0764	3509	2742	0008096	1341	14948																																										
	234	OBS	0802	0761	35087	2742			14947																																										
		STO	0900	0627	3507	2759	0006375	1414	14911																																										
		STO	1000	0549	3505	2768	0005563	1473	14896																																										
	234	OBS	T1001	0549	35048	2768			14896																																										
	234	*STO	T1251Q	0455	35014	2776	0004832	1604	14896																																										
	234	*STO	T1498Q	0435	35006	2777	0004871	1724	14896																																										

TABLE XVIII. Observed and interpolated oceanographic data taken by USCGC SEBAGO, 24-26 June 1968, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-1273.—Continued

REFERENCE CITE NO.	SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	SOUNDING NO.	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLER	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER	
					CRUISE NO.	STATION NUMBER	10"		1"	MO			DAY	HR./10	CRUISE NO.				STATION NUMBER
311273	55	2835 N	07606 W	080	86	06	25	023	1968	A73	007	4846	15	21	1	X2	6	8	0027
					WATER		WIND		AIR TEMP °C		NO. OF DEPTHS		SPECIAL OBSERVATIONS						
					COLOR CODE	SEAL (M)	DIR	SPEED OR FORCE	BAROMETER (mb)	DAY	WET	VIS CODE							
					19	507	200	264	251	7	14								
MESSAGE TIME HR 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-818†	Σ Δ ρ CTD IN X 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₂ -N μg - ml/l	NO ₃ -N μg - ml/l	SiO ₂ -Si μg - ml/l	pH	S μM		
		STO	0000	2565	3605	2395	0039625	0000	15375										
023		OBS	0000	2565	36050	2395			15375										
		STD	0010	2530	3608	2409	0038405	0039	15369										
		STD	0020	2473	3611	2428	0036564	0076	15358										
023		OBS	0023	2451	36123	2436			15353										
		STD	0030	2359	3630	2477	0032013	0111	15334										
023		OBS	0048	2189	36604	2549			15298										
		STD	0050	2180	3661	2552	0024957	0168	15296										
023		OBS	0071	2108	36653	2575			15281										
		STD	0075	2101	3666	2577	0022606	0227	15280										
023		OBS	0095	2063	36679	2589			15274										
		STD	0100	2050	3668	2592	0021270	0282	15271										
		STD	0125	1992	3666	2606	0020013	0334	15259										
023		OBS	0143	1957	36644	2615			15252										
		STD	0150	1947	3664	2617	0019097	0383	15251										
023		OBS	T0191	1893	36602	2628			15242										
		STD	0200	1887	3660	2629	0018081	0475	15242										
		STD	0250	1853	3658	2637	0017572	0565	15240										
		STD	0300	1816	3654	2643	0017140	0651	15237										
023		OBS	T0384	1746	36434	2652			15229										
		STD	0400	1738	3642	2653	0016490	0820	15229										
023		OBS	0484	1650	36256	2661			15215										
		STD	0500	1618	3620	2665	0015633	0980	15207										
023		OBS	T0582	1447	35910	2681			15164										
		STD	0600	1398	3583	2685	0013814	1127	15150										
		STD	0700	1147	3547	2707	0011694	1255	15077										
023		OBS	0778	0976	35266	2722			15026										
		STD	0800	0930	3523	2727	0009768	1362	15013										
		STD	0900	0748	3511	2746	0007869	1450	14959										
023		OBS	T0975	0642	35046	2755			14929										
		STD	1000	0621	3504	2758	0006635	1523	14925										
		STD	1100	0546	3503	2767	0005778	1585	14911										
		STD	1200	0488	3502	2773	0005175	1640	14904										
023		OBS	1240	0470	35016	2774			14903										
		STD	1300	0448	3501	2776	0004819	1690	14904										
		STD	1400	0425	3500	2778	0004685	1737	14911										
		STD	1500	0420	3499	2778	0004787	1785	14926										
023		OBS	T1501	0420	34985	2777			14926										

TABLE XVIII. Observed and interpolated oceanographic data taken by USCGC SEBAGO, 24-26 June 1968, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-1273.—Continued

REFERENCE SHIP NO.	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	MARSIN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S STATION NUMBER		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER	
					10'	1'	DAY HR:1/10		CRUISE NO.	STATION NUMBER			DIR	HGT	PER				SEA
311273	S5	2835 N	07640 W	080	86	06	25 055	1968	A73	008	2743	15	18			1	X2	6 8	0028
				WATER		WIND		AIR TEMP. °C		NO. OBS DEFS		SPECIAL OBSERVATIONS							
				COLOR CODE	TRANL (m)	DIR.	SPED OR FORCE	BARO-METER (mm)	DBT BULB	WET BULB	VIL CODE	NO. OBS DEFS							
				16	S10	203	258	252	7	14									
MESSING TIME HR 1/10	CASE NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY- σ_{θ}	$\Delta \sigma$ DYN. M $\times 10^3$	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P µg - ml/l	TOTAL-P µg - ml/l	NO ₃ -N µg - ml/l	NO ₂ -N µg - ml/l	SIO ₄ -Si µg - ml/l	pH	S C		
	055	STD	0000	2640	3598	2366	0042396	0000	15391										
		OBS	0000	2640	35976	2366			15391										
		STD	0010	2578	3617	2401	0039188	0041	15381										
		STD	0020	2507	3633	2434	0035989	0078	15368										
	055	OBS	0024	2476	36380	2448			15362										
		STD	0030	2407	3643	2472	0032431	0113	15347										
		STD	0050	2242	3657	2531	0026894	0172	15311										
	055	OBS	0050	2242	36573	2531			15311										
	055	OBS	0074	2180	36662	2556			15301										
		STD	0075	2179	36666	2556	0024637	0236	15300										
	055	OBS	0099	2146	36705	2568			15296										
		STD	0100	2144	36711	2569	0023507	0297	15296										
		STD	0125	2103	36711	2580	0022509	0354	15289										
	055	OBS	0149	2070	36709	2589			15285										
		STD	0150	2069	36711	2590	0021703	0409	15285										
	055	OBS	0199	2019	36697	2602			15279										
		STD	0200	2018	3670	2602	0020670	0515	15279										
		STD	0250	1948	3665	2617	0019434	0615	15267										
		STD	0300	1887	3660	2629	0018450	0710	15258										
	055	OBS	0397	1791	36503	2646			15245										
		STD	0400	1790	3650	2646	0017148	0888	15246										
	055	OBS	0495	1726	36391	2654			15241										
		STD	0500	1721	3638	2654	0016711	1057	15240										
	055	OBS	0594	1605	36174	2666			15218										
		STD	0600	1593	3615	2667	0015741	1220	15215										
		STD	0700	1388	3580	2685	0014101	1369	15163										
	055	OBS	0792	1176	35514	2705			15103										
		STD	0800	1149	35448	2708	0011898	1499	15094										
		STD	0900	0851	3518	2736	0009002	1603	14999										
	055	OBS	0983	0667	35009	2749			14940										
		STD	1000	0648	3501	2752	0007255	1685	14935										
		STD	1100	0551	3501	2764	0006002	1751	14913										
		STD	1200	0478	3501	2773	0005128	1807	14900										
	055	OBS	1240	0456	35008	2775			14897										
		STD	1300	0430	3500	2778	0004654	1856	14896										
		STD	1400	0406	3499	2779	0004508	1901	14903										
	055	OBS	1490	0406	34981	2779			14918										

REFERENCE SHIP NO.	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	MARSIN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S STATION NUMBER		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER	
					10'	1'	DAY HR:1/10		CRUISE NO.	STATION NUMBER			DIR	HGT	PER				SEA
311273	S5	2835 N	07715 W	080	87	06	25 086	1968	A73	009	1024	10	20			1	X2	7 8	0029
				WATER		WIND		AIR TEMP. °C		NO. OBS DEFS		SPECIAL OBSERVATIONS							
				COLOR CODE	TRANL (m)	DIR.	SPED OR FORCE	BARO-METER (mm)	DBT BULB	WET BULB	VIL CODE	NO. OBS DEFS							
				18	S09	186	271	257	6	13									
MESSING TIME HR 1/10	CASE NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY- σ_{θ}	$\Delta \sigma$ DYN. M $\times 10^3$	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P µg - ml/l	TOTAL-P µg - ml/l	NO ₃ -N µg - ml/l	NO ₂ -N µg - ml/l	SIO ₄ -Si µg - ml/l	pH	S C		
	086	STD	0000	2660	3636	2389	0040225	0000	15400										
		OBS	0000	2660	36362	2389			15400										
		STD	0010	2652	3644	2398	0039464	0040	15401										
		STD	0020	2614	3653	2416	0037714	0078	15395										
	086	OBS	0024	2590	36562	2426			15390										
		STD	0030	2517	3664	2455	0034092	0114	15376										
	086	OBS	0049	2334	36777	2520			15336										
		STD	0050	2327	3677	2522	0027812	0176	15335										
	086	OBS	0073	2203	36680	2550			15306										
		STD	0075	2199	3669	2552	0024986	0242	15306										
	086	OBS	0096	2160	36736	2567			15300										
		STD	0100	2151	3673	2569	0023512	0303	15298										
		STD	0125	2101	3669	2580	0022579	0360	15289										
	786	OBS	0144	2067	36675	2588			15283										
		STD	0150	2057	3668	2591	0021638	0416	15281										
	786	OBS	0194	1992	36674	2608			15271										
		STD	0200	1984	3667	2610	0019993	0510	15269										
		STD	0250	1924	3662	2621	0019029	0517	15250										
		STD	0300	1871	3658	2632	0018187	0710	15253										
	86	OBS	0376	1803	36515	2644			15246										
		STD	0400	1793	3651	2646	0017148	0887	15247										
	786	OBS	0472	1740	36437	2654			15242										
		STD	0500	1707	3637	2657	0016455	1057	15236										
	86	OBS	0568	1612	36195	2666			15216										
		STD	0600	1554	3609	2671	0015400	1214	15213										
		STD	0700	1359	3577	2689	0013714	1369	15193										
	86	OBS	0762	1227	35594	2702			15116										
		STD	0800	1165	3546	2703	0012749	1444	15100										
		STD	0900	0934	3520	2724	0010555	1610	15090										
	086	OBS	1143	0749	35194	2744			14959										
		STD	1200	0616	3505	2761	0016346	1695	14914										
	86	OBS	1310	0568	35142	2765			14915										

TABLE XVIII. Observed and interpolated oceanographic data taken by USCGC SEBAGO, 24-26 June 1968, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-1273.—Continued

REFERENCE STATION ID. NO.	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	WAVE DIR.	WABSEGEN SQUARE		STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SWAMP'S	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER
					10'	1'	MO	DAY	HR		MIN	CRUISE NO.			STATION NUMBER	DR	HGT			
311273	55	2835 N	07750 W	080	67	06	25	116	1968	A73	010	0992	09	22	1	*1	8	6	0030	
				WATER		WIND		BARO- METER		AIR TEMP °C		NO. OF OBS. DEPTH		SPECIAL OBSERVATIONS						
				COLOR CODE	TRANS M	DIR.	SPEED OR FORCE	IMBT	DRY BULB	WET BULB	VIS CODE									
				18	514	183	267	253	6	12										
MESSAGE TIME HR 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-20°	Σ Δ σ DYN. M E 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₃ -N μg - ml/l	NO ₂ -N μg - ml/l	SiO ₄ -S μg - ml/l	PH	S CLOUD			
	116	STO	0000	2636	3605	2373	0041736	0000	15391											
		OBS	0000	2636	36051	2373			15391											
		STO	0010	2615	3610	2384	0040796	0041	15389											
		STO	0020	2594	3615	2394	0039848	0082	15386											
	116	OBS	0024	2585	36167	2398			15385											
		STO	0030	2496	3636	2440	0035494	0119	15367											
	116	OBS	0049	2290	36735	2530			15325											
		STO	0050	2286	3674	2531	0026929	0182	15324											
	116	OBS	0073	2197	36740	2557			15306											
		STO	0075	2191	3674	2558	0024410	0246	15304											
	116	OBS	0097	2130	36713	2573			15292											
		STO	0100	2126	3671	2574	0022974	0305	15291											
		STO	0125	2085	3671	2586	0022010	0361	15285											
	116	OBS	0146	2046	36710	2596			15278											
		STO	0150	2036	3670	2598	0020917	0415	15276											
	116	OBS	T0195	1939	36634	2619			15256											
		STD	0200	1935	3663	2619	0019051	0915	15255											
		STD	0250	1896	3660	2627	0018480	0609	15254											
		STD	0300	1858	3657	2635	0017941	0700	15249											
	116	OBS	T0392	1791	36491	2645			15244											
		STD	0400	1786	3649	2646	0017124	0875	15244											
	116	OBS	0493	1723	36395	2655			15239											
		STD	0500	1719	3639	2655	0016592	1044	15240											
	116	OBS	T0594	1631	36232	2664			15227											
		STD	0600	1618	3621	2665	0015875	1206	15224											
		STD	0700	1387	3582	2687	0013936	1355	15162											
	116	OBS	0790	1169	35515	2707			15100											
		STD	0800	1144	3543	2709	0011803	1484	15093											
		STD	0900	0891	3521	2732	0009450	1590	15014											
	116	OBS	T0946	0770	35099	2742			14975											

REFERENCE STATION ID. NO.	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	WAVE DIR.	WABSEGEN SQUARE		STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SWAMP'S	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER
					10'	1'	MO	DAY	HR		MIN	CRUISE NO.			STATION NUMBER	DR	HGT			
311273	55	2835 N	07825 W	080	88	06	25	143	1968	A73	011	0952	09	19	1	*2	4	8	0031	
				WATER		WIND		BARO- METER		AIR TEMP °C		NO. OF OBS. DEPTH		SPECIAL OBSERVATIONS						
				COLOR CODE	TRANS M	DIR.	SPEED OR FORCE	IMBT	DRY BULB	WET BULB	VIS CODE									
				18	509	186	273	257	7	12										
MESSAGE TIME HR 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-20°	Σ Δ σ DYN. M E 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₃ -N μg - ml/l	NO ₂ -N μg - ml/l	SiO ₄ -S μg - ml/l	PH	S CLOUD			
	143	STD	0000	2659	3605	2366	0042416	0000	15396											
		OBS	0000	2659	36053	2366			15396											
		STD	0010	2640	3612	2377	0041402	0042	15395											
		STO	0020	2591	3620	2399	0039400	0082	15386											
	143	OBS	0024	2563	36247	2411			15381											
		STD	0030	2473	3636	2447	0034827	0119	15362											
		STO	0050	2265	3663	2529	0027146	0181	15318											
	143	OBS	0050	2265	36625	2529			15318											
	143	OBS	0074	2200	36704	2553			15306											
		STD	0075	2197	3671	2554	0024788	0246	15306											
	143	OBS	0098	2136	36786	2577			15295											
		STD	0100	2133	3678	2578	0022675	0306	15294											
		STD	0125	2087	3675	2588	0021781	0361	15286											
	143	OBS	0148	2042	36723	2598			15277											
		STD	0150	2037	3672	2599	0020798	0414	15276											
	143	OBS	T0198	1933	36645	2621			15255											
		STD	0200	1931	3664	2621	0018879	0514	15254											
		STD	0250	1891	3662	2630	0018213	0606	15251											
		STD	0300	1852	3659	2638	0017651	0696	15248											
	143	OBS	T0395	1740	36505	2649			15242											
		STD	0400	1728	3650	2649	0016861	0869	15242											
	143	OBS	0495	1707	36378	2657			15235											
		STD	0500	1700	3636	2657	0016363	1035	15234											
	143	OBS	T0596	1549	36085	2672			15200											
		STD	0600	1544	3607	2672	0015223	1193	15199											
		STD	0700	1344	3571	2685	0014745	1339	15150											
	143	OBS	0795	1079	35395	2714			15068											
		STD	0800	1062	3538	2716	0011304	1464	15062											
		STD	0900	0668	3509	2755	0006808	1553	14927											
	143	OBS	T0916	0596	35046	2762			14911											

TABLE XVIII. Observed and interpolated oceanographic data taken by USCGC SEBAGO, 24-26 June 1968, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-1273.—Continued

REFERENCE CRUISE CODE	SHIP ID. NO.	LATITUDE 1/10	LONGITUDE 1/10	MARSDEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER																														
					10'	1'	MO. DAY HR. 1/10		CRUISE NO.	STATION NUMBER			DIR	HGT	PER				SEA																													
311273	55	2835 N	07900 W	080	89	06	25 182	1968	A73	012	0823	06	20		1	X2	5 8	0032																														
<table border="1"> <thead> <tr> <th colspan="2">WATER</th> <th colspan="2">WIND</th> <th colspan="2">BARO- METER</th> <th colspan="2">AIR TEMP °C</th> <th rowspan="2">VIS CODE</th> <th rowspan="2">NO. OBS. DEPTHs</th> <th rowspan="2">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>COLOR CODE</th> <th>TRANS- MIT</th> <th>DIR</th> <th>SPEED OR FORCE</th> <th>DRY BULB</th> <th>WET BULB</th> <th>DRY BULB</th> <th>WET BULB</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td>18</td> <td>S10</td> <td>190</td> <td>269</td> <td>267</td> <td>6</td> <td>11</td> <td></td> </tr> </tbody> </table>																			WATER		WIND		BARO- METER		AIR TEMP °C		VIS CODE	NO. OBS. DEPTHs	SPECIAL OBSERVATIONS	COLOR CODE	TRANS- MIT	DIR	SPEED OR FORCE	DRY BULB	WET BULB	DRY BULB	WET BULB				18	S10	190	269	267	6	11	
WATER		WIND		BARO- METER		AIR TEMP °C		VIS CODE	NO. OBS. DEPTHs	SPECIAL OBSERVATIONS																																						
COLOR CODE	TRANS- MIT	DIR	SPEED OR FORCE	DRY BULB	WET BULB	DRY BULB	WET BULB																																									
			18	S10	190	269	267	6	11																																							
MISSING TIME HR 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME AND WALT-TEMP	S.D.D. DYN. M x 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₃ -N μg - ml/l	NO ₂ -N μg - ml/l	SIO ₄ -Si μg - ml/l	pH	S C																															
		STD	0000	2716	3590	2336	0045283	0000	15407																																							
	182	OBS	0000	2716	35896	2336			15407																																							
		STD	0010	2718	3591	2336	0045297	0045	15410																																							
		STD	0020	2721	3592	2336	0045341	0091	15412																																							
	182	OBS	0021	2721	35924	2337			15412																																							
		STD	0030	2649	3593	2348	0044316	0135	15407																																							
	182	OBS	0043	2618	35946	2371			15393																																							
		STD	0050	2552	3614	2406	0038799	0219	15381																																							
	182	OBS	0063	2453	36394	2456			15363																																							
		STD	0075	2397	3649	2480	0031897	0307	15353																																							
	182	OBS	0083	2361	36547	2495			15346																																							
		STD	0100	2287	3669	2527	0027480	0381	15332																																							
	182	OBS	0123	2203	36788	2559			15316																																							
		STD	0125	2198	3678	2559	0024505	0446	15315																																							
		STD	0150	2134	3673	2573	0023254	0506	15302																																							
	182	OBS	10164	2105	36710	2580			15296																																							
		STD	0200	2017	3668	2602	0020760	0616	15278																																							
		STD	0250	1922	3663	2623	0018907	0715	15260																																							
	182	OBS	10295	1855	36584	2636			15248																																							
		STD	0300	1851	3658	2637	0017699	0807	15248																																							
	182	OBS	0366	1787	36502	2647			15239																																							
		STD	0400	1742	3643	2653	0016512	0978	15231																																							
	182	OBS	10443	1675	36315	2660			15216																																							
	182	*STD	05850	1254	35616	2698	0012406	1245	15216																																							

REFERENCE CRUISE CODE	SHIP ID. NO.	LATITUDE 1/10	LONGITUDE 1/10	MARSDEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER																														
					10'	1'	MO. DAY HR. 1/10		CRUISE NO.	STATION NUMBER			DIR	HGT	PER				SEA																													
311273	55	2835 N	07918 W	080	89	06	25 205	1968	A73	013	0783	07	22		1	X2	8 8	0033																														
<table border="1"> <thead> <tr> <th colspan="2">WATER</th> <th colspan="2">WIND</th> <th colspan="2">BARO- METER</th> <th colspan="2">AIR TEMP °C</th> <th rowspan="2">VIS CODE</th> <th rowspan="2">NO. OBS. DEPTHs</th> <th rowspan="2">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>COLOR CODE</th> <th>TRANS- MIT</th> <th>DIR</th> <th>SPEED OR FORCE</th> <th>DRY BULB</th> <th>WET BULB</th> <th>DRY BULB</th> <th>WET BULB</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td>20</td> <td>S10</td> <td>183</td> <td>269</td> <td>262</td> <td>6</td> <td>11</td> <td></td> </tr> </tbody> </table>																			WATER		WIND		BARO- METER		AIR TEMP °C		VIS CODE	NO. OBS. DEPTHs	SPECIAL OBSERVATIONS	COLOR CODE	TRANS- MIT	DIR	SPEED OR FORCE	DRY BULB	WET BULB	DRY BULB	WET BULB				20	S10	183	269	262	6	11	
WATER		WIND		BARO- METER		AIR TEMP °C		VIS CODE	NO. OBS. DEPTHs	SPECIAL OBSERVATIONS																																						
COLOR CODE	TRANS- MIT	DIR	SPEED OR FORCE	DRY BULB	WET BULB	DRY BULB	WET BULB																																									
			20	S10	183	269	262	6	11																																							
MISSING TIME HR 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME AND WALT-TEMP	S.D.D. DYN. M x 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₃ -N μg - ml/l	NO ₂ -N μg - ml/l	SIO ₄ -Si μg - ml/l	pH	S C																															
		STD	0000	2803	3576	2298	0048944	0000	15425																																							
	205	OBS	0000	2803	35762	2298			15425																																							
		STD	0010	2797	3592	2312	0047664	0048	15427																																							
		STD	0020	2775	3604	2326	0046157	0095	15425																																							
	205	OBS	0024	2762	36077	2335			15423																																							
		STD	0030	2722	3609	2349	0044199	0140	15416																																							
	205	OBS	0049	2620	36136	2385			15397																																							
		STD	0050	2617	3614	2386	0040733	0225	15396																																							
	205	OBS	0073	2541	36241	2417			15384																																							
		STD	0075	2531	3627	2422	0037378	0323	15382																																							
	205	OBS	0096	2446	36548	2469			15369																																							
		STD	0100	2431	3657	2476	0032392	0410	15366																																							
		STD	0125	2340	3668	2511	0029123	0487	15349																																							
	205	OBS	0145	2272	36736	2535			15336																																							
		STD	0150	2257	3674	2540	0026492	0557	15333																																							
	205	OBS	10194	2125	36746	2577			15307																																							
		STD	0200	2106	3673	2581	0022706	0680	15303																																							
		STD	0250	1956	3658	2610	0020118	0787	15269																																							
		STD	0300	1820	3644	2634	0017959	0882	15237																																							
	205	OBS	10369	1658	36229	2657			15198																																							
		STD	0400	1608	3615	2663	0015453	1049	15187																																							
	205	OBS	0460	1488	35950	2675			15157																																							
		STD	0500	1374	3576	2685	0013544	1194	15125																																							
	205	OBS	10561	1247	35565	2695			15088																																							
		STD	0600	1145	3542	2704	0011781	1321	15059																																							
	205	OBS	0664	1041	35288	2712			15031																																							

TABLE XVIII. Observed and interpolated oceanographic data taken by USCGC SEBAGO, 24-26 June 1968, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-1273.—Continued

REFERENCE CTRY ID. NO.	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	MARSDEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPL.	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER																										
					10'	1'	MO		DAY	HR. 1/10			CRUISE NO.	STATION NUMBER	DIR				HGT	PER	SEA																							
311273	55	2835 N	07934 W	080	89	06	25	221	1968	A73	014	0750	04	16			X2	6	8	0034																								
<table border="1"> <thead> <tr> <th colspan="2">WATER</th> <th colspan="2">WIND</th> <th colspan="2">AIR TEMP. °C</th> <th colspan="2">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>COLOR CODE</th> <th>TRANS. (MT)</th> <th>DIR.</th> <th>SPEED OR FORCE</th> <th>BARO-METER (mb)</th> <th>DRY BULB</th> <th>WET BULB</th> <th>VIS. CODE</th> <th>NO. OBS. DEPTHS</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td>19</td> <td>509</td> <td>166</td> <td>26.8</td> <td>25.3</td> <td>6</td> <td>11</td> </tr> </tbody> </table>																			WATER		WIND		AIR TEMP. °C		SPECIAL OBSERVATIONS		COLOR CODE	TRANS. (MT)	DIR.	SPEED OR FORCE	BARO-METER (mb)	DRY BULB	WET BULB	VIS. CODE	NO. OBS. DEPTHS			19	509	166	26.8	25.3	6	11
WATER		WIND		AIR TEMP. °C		SPECIAL OBSERVATIONS																																						
COLOR CODE	TRANS. (MT)	DIR.	SPEED OR FORCE	BARO-METER (mb)	DRY BULB	WET BULB	VIS. CODE	NO. OBS. DEPTHS																																				
		19	509	166	26.8	25.3	6	11																																				
MESSING TIME HR. 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-20°	Σ Δ D DTN M x 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₂ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₂ -N μg - ml/l	NO ₃ -N μg - ml/l	SiO ₄ -S μg - ml/l	pH	σ _t	CTD																										
		STD	0000	2845	3609	2308	0047941	0000	15437																																			
	221	OBS	0000	2845	36086	2308			15437																																			
		STD	0010	2817	3604	2318	0047071	0048	15433																																			
	221	OBS	0019	2770	36106	2335			15425																																			
		STD	0020	2760	3611	2338	0045188	0094	15423																																			
		STD	0030	2666	3612	2369	0042272	0137	15404																																			
	221	OBS	0037	2614	36153	2368			15394																																			
		STD	0050	2557	3625	2413	0038155	0218	15384																																			
	221	OBS	0056	2525	36304	2427			15378																																			
		STD	0075	2398	3654	2484	0031536	0305	15354																																			
	221	OBS	0075	2398	36544	2484			15354																																			
		STD	0110	2265	3670	2534	0026803	0378	15327																																			
	221	OBS	0112	2222	36744	2550			15318																																			
		STD	0125	2211	3674	2553	0025129	0443	15318																																			
	221	OBS	10147	2177	36739	2562			15313																																			
		STD	0150	2165	3673	2565	0024077	0504	15310																																			
		STD	0200	1963	3658	2608	0020113	0615	15262																																			
		STD	0250	1758	3635	2643	0016963	0707	15210																																			
	221	OBS	10258	1725	36308	2647			15201																																			
		STD	0300	1550	3604	2668	0014654	0786	15151																																			
	221	OBS	0315	1488	35946	2674			15133																																			
	221	OBS	10373	1251	35563	2694			15060																																			
		STD	0400	1159	3542	2701	0011556	0918	15031																																			
	221	OBS	0430	1071	35287	2707			15003																																			

REFERENCE CTRY ID. NO.	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	MARSDEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPL.	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER																										
					10'	1'	MO		DAY	HR. 1/10			CRUISE NO.	STATION NUMBER	DIR				HGT	PER	SEA																							
311273	55	2835 N	07952 W	080	89	06	25	237	1968	A73	015	0366	03	20			X2	6	8	0035																								
<table border="1"> <thead> <tr> <th colspan="2">WATER</th> <th colspan="2">WIND</th> <th colspan="2">AIR TEMP. °C</th> <th colspan="2">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>COLOR CODE</th> <th>TRANS. (MT)</th> <th>DIR.</th> <th>SPEED OR FORCE</th> <th>BARO-METER (mb)</th> <th>DRY BULB</th> <th>WET BULB</th> <th>VIS. CODE</th> <th>NO. OBS. DEPTHS</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td>18</td> <td>10</td> <td>163</td> <td>26.1</td> <td>24.2</td> <td>08</td> <td></td> </tr> </tbody> </table>																			WATER		WIND		AIR TEMP. °C		SPECIAL OBSERVATIONS		COLOR CODE	TRANS. (MT)	DIR.	SPEED OR FORCE	BARO-METER (mb)	DRY BULB	WET BULB	VIS. CODE	NO. OBS. DEPTHS			18	10	163	26.1	24.2	08	
WATER		WIND		AIR TEMP. °C		SPECIAL OBSERVATIONS																																						
COLOR CODE	TRANS. (MT)	DIR.	SPEED OR FORCE	BARO-METER (mb)	DRY BULB	WET BULB	VIS. CODE	NO. OBS. DEPTHS																																				
		18	10	163	26.1	24.2	08																																					
MESSING TIME HR. 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-20°	Σ Δ D DTN M x 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₂ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₂ -N μg - ml/l	NO ₃ -N μg - ml/l	SiO ₄ -S μg - ml/l	pH	σ _t	CTD																										
		STD	0000	2837	3627	2324	0046402	0000	15438																																			
		OBS	0000	2837	36265	2324			15438																																			
		STD	0010	2819	3634	2336	0045322	0046	15436																																			
		STD	0020	2800	3639	2346	0044428	0091	15434																																			
	237	OBS	0026	2782	3641	2352			15433																																			
		STD	0030	2691	3642	2384	0040878	0133	15413																																			
		STD	0050	2315	3645	2501	0029812	0204	15328																																			
	237	OBS	0053	2276	36461	2513			15319																																			
		STD	0075	2147	3660	2560	0024748	0272	15291																																			
	237	OBS	0080	2111	36603	2572			15283																																			
		STD	0100	1939	3650	2608	0019728	0327	15239																																			
	237	OBS	0106	1882	36463	2618			15225																																			
		STD	0125	1720	3624	2643	0016453	0372	15177																																			
		STD	0150	1537	3599	2667	0014270	0410	15122																																			
	237	OBS	0159	1482	35917	2674			15105																																			
		STD	0200	1327	3569	2689	0012271	0477	15059																																			
	237	OBS	10214	1275	35607	2693			15043																																			
		STD	0250	1142	3541	2704	0010949	0535	15001																																			
	237	OBS	10288	1005	35194	2711			14955																																			

TABLE XVIII. Observed and interpolated oceanographic data taken by USCGC SEBAGO, 24-26 June 1968, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-1273.—Continued

REFERENCE CTM CODE	SHIP ID NO.	SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	C O D E	MARSDEN SQUARE		STATION TIME IGMT			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SWELL'S	WAVE OBSERVATIONS				WEA- THER CODE	CLOUD CODES TYPE AMT	NODC STATION NUMBER	
						10'	1"	MO	DAY	HR		1/10	CRUISE NO.			STATION NUMBER	DIR	HGT	PER				SEA
311273	55		2835 N	08011 W		081	80	06	26	013	1968	A73	016	0040	00	28			1	X2	6	8	0036
						WATER		WIND		BARO-		AIR TEMP °C		NO. OBS DEPTHS		SPECIAL OBSERVATIONS							
						COLOP CODE	TEMP	DIR	SPEED OF FORCE	METER	DRY BULB	WET BULB	VIS CODE										
						26	514	166	246	230	7	03											
MESSAGE TIME HR 1/10	CASE NO.	CARD TYPE	DEPTH (M)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-20°C	Δ D DIN. μ $\times 10^3$	SOUND VELOCITY	D_2 (M/2)	PO_2 -P $\mu g \cdot dl^{-1}$	TOTAL-P $\mu g \cdot dl^{-1}$	NO_2 -N $\mu g \cdot dl^{-1}$	NO_3 -N $\mu g \cdot dl^{-1}$	SiO_2 -Si $\mu g \cdot dl^{-1}$	pH	S C O						
		STO	0000	2606	3587	2369	0042138	0000	15382														
	013	OBS	0000	2606	35870	2369			15382														
		STO	0010	2605	3594	2374	0041682	0042	15385														
		STO	0020	2458	3600	2424	0036945	0081	15353														
	013	OBS	0025	2330	36033	2465			15323														
		STO	0030	2166	3601	2510	0028840	0114	15282														
	013	OBS	0036	1921	35954	2571			15217														

TABLE XIX. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 9-11 December 1969, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8139.

REFERENCE CIRCUIT CODE	SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	MARSDEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPL.	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODE	NODC STATION NUMBER
					MO	DAY	HR. 1/10		CRUISE NO.	STATION NUMBER			DIR	HGT	PER			
318139	A1	2840 N	07012 W	080	12	09	0600	1969	A74	001	5440		07	1	2	X1	0 3	0001
				WATER		WIND		BARO-		AIR TEMP °C		NO. OBS.		SPECIAL				
				COLOR		DIR.		METER		DRY		OBS.		OBSERVATIONS				
				CODE		SPEED		METER		BULB		DEPTH						
				50		11		507		190		210		186		7 27		
MESSING TIME HR. 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME ANOMALY-10 ³	Σ Δ D DYN × 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₂ -P μg - ml/l	1014-L-P μg - ml/l	NO ₃ -N μg - ml/l	NO ₂ -N μg - ml/l	SiO ₄ -S μg - ml/l	PH	3 CODE	
	066	STD	0000	2262	3663	2530	0026831	0000	15309									
		OBS	0000	2262	3663	2530			15309									
		STD	0010	2262	3664	2531	0026798	0026	15311									
		OBS	0010	2262	3664	2531			15311									
		STD	0020	2262	3665	2531	0026774	0053	15312									
	004	OBS	0020	2262	3665	2531			15312									
		STD	0030	2262	3665	2531	0026814	0080	15314									
		OBS	0030	2262	3665	2531			15314									
		STD	0050	2260	3666	2533	0026765	0134	15317									
		OBS	0050	2260	3666	2533			15317									
		STD	0075	2250	3667	2535	0026519	0400	15319									
		OBS	0075	2250	3667	2536			15319									
		OBS	0080	2247	3667	2537			15319									
		OBS	0082	2245	3660	2532			15318									
		OBS	0090	2199	3668	2552			15308									
		STD	0100	2095	3665	2578	0022623	0262	15283									
		OBS	0100	2095	3665	2578			15283									
		STD	0125	1961	3663	2612	0019431	0314	15250									
		OBS	0125	1961	3663	2613			15250									
		STD	0150	1904	3661	2626	0018254	0361	15238									
		OBS	0150	1904	3661	2626			15238									
		STD	0200	1843	3651	2634	0017667	0451	15228									
		OBS	0200	1843	3651	2634			15228									
		STD	0250	1809	3655	2645	0016730	0537	15227									
		OBS	0250	1809	3655	2645			15227									
		STD	0300	1783	3653	2650	0016423	0620	15228									
		OBS	0300	1783	3653	2650			15228									
		STD	0400	1755	3649	2654	0016387	0784	15235									
		OBS	0400	1755	3649	2654			15235									
		STD	0500	1696	3636	2658	0016274	0947	15233									
		OBS	0500	1696	3636	2658			15233									
		STD	0600	1526	3601	2671	0015257	1105	15193									
		OBS	0600	1526	3601	2671			15193									
		STD	0700	1306	3565	2690	0013500	1449	15134									
		OBS	0700	1306	3565	2690			15134									
		STD	0800	1063	3531	2710	0011535	1374	15062									
		OBS	0800	1063	3531	2710			15062									
		STD	0900	0832	3513	2735	0009056	1477	14991									
		OBS	0900	0832	3514	2735			14991									
		STD	1000	0658	3505	2754	0007098	1258	14939									
		OBS	1000	0658	3505	2754			14939									
		STD	1100	0551	3503	2766	0005847	1622	14913									
		OBS	1100	0551	3503	2766			14913									
		STD	1200	0502	3504	2773	0005218	1678	14910									
		OBS	1200	0502	3504	2773			14910									
		STD	1300	0472	3503	2775	0004994	1729	14914									
		OBS	1300	0472	3503	2775			14914									
		STD	1400	0448	3503	2778	0004767	1778	14921									
		OBS	1400	0448	3503	2778			14921									
		STD	1500	0429	3502	2779	0004687	1825	14930									
		OBS	1500	0429	3502	2779			14930									

TABLE XIX. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 9-11 December 1969, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8139.—Continued

REFERENCE		SHIP	LATITUDE	LONGITUDE	MARKEN	STATION TIME			YEAR	ORIGINATOR'S		DEPTH	MAX.	WAVE			WEA-	CLOUD	NODC																																							
CTM	IC	CODE	'	'	SQ	MO	DAY	HR	MIN	CRUISE	STATION	TO	DEPTH	DIR.	HGT	PER	THE	TYPE	AMT																																							
NO	NO		N	W						NO.	NO.	BOTTOM	OF				CODE		NUMBER																																							
3181	99	AI	2835	07125	080	12	09	131	1969	A74	002	5303	09	1	3		X1	0	3	0002																																						
<table border="1"> <thead> <tr> <th colspan="4">WATER</th> <th colspan="3">WIND</th> <th colspan="3">AIR TEMP °C</th> <th colspan="2">NO. OBS. DEPTHS</th> <th colspan="1">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>COLOR CODE</th> <th>TRAN. IN</th> <th>DIR.</th> <th>SPEED OF FORCE</th> <th>BARO-METER (MMHG)</th> <th>DRY BULB</th> <th>WET BULB</th> <th>VIS. CODE</th> <th colspan="2"></th> <th colspan="2"></th> <th></th> </tr> <tr> <th>DT</th> <th>SD</th> <th>10</th> <th>S08</th> <th>193</th> <th>234</th> <th>188</th> <th>7</th> <th>24</th> <th colspan="4"></th> </tr> </thead> </table>																				WATER				WIND			AIR TEMP °C			NO. OBS. DEPTHS		SPECIAL OBSERVATIONS	COLOR CODE	TRAN. IN	DIR.	SPEED OF FORCE	BARO-METER (MMHG)	DRY BULB	WET BULB	VIS. CODE						DT	SD	10	S08	193	234	188	7	24				
WATER				WIND			AIR TEMP °C			NO. OBS. DEPTHS		SPECIAL OBSERVATIONS																																														
COLOR CODE	TRAN. IN	DIR.	SPEED OF FORCE	BARO-METER (MMHG)	DRY BULB	WET BULB	VIS. CODE																																																			
DT	SD	10	S08	193	234	188	7	24																																																		
MESSAGE TIME HR	CASID NO	CARD TYPE	DEPTH (M)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY (σ _t)	Δσ	SOUND VELOCITY	D ₂ (M)	PO ₄ -P (μM)	TOTAL-P (μM)	NO ₃ -N (μM)	NO ₂ -N (μM)	SiO ₄ -Si (μM)	PH	ST. CODE																																									
131		STO	0000	2289	3664	2523	0027502	0000	15316																																																	
		OBS	0000	2289	3664	2523			15316																																																	
		STO	0010	2289	3664	2523	0027542	0027	15317																																																	
		OBS	0010	2289	3664	2523			15317																																																	
		STO	0020	2246	3664	2535	0026402	0054	15308																																																	
		OBS	0020	2246	3664	2535			15308																																																	
		STO	0030	2244	3666	2537	0026251	0080	15310																																																	
		OBS	0030	2244	3666	2537			15310																																																	
		STO	0050	2242	3666	2538	0026275	0133	15312																																																	
		OBS	0050	2242	3666	2538			15312																																																	
		STO	0075	2237	3667	2540	0026164	0198	15315																																																	
		OBS	0075	2237	3667	2540			15315																																																	
		STO	0100	2105	3666	2576	0022814	0260	15285																																																	
		OBS	0100	2105	3666	2576			15285																																																	
		STO	0125	1987	3665	2607	0019941	0313	15258																																																	
		OBS	0125	1987	3665	2607			15258																																																	
		STO	0150	1914	3664	2626	0018284	0361	15241																																																	
		OBS	0150	1914	3664	2626			15241																																																	
		STO	0200	1840	3658	2640	0017089	0449	15228																																																	
		OBS	0200	1840	3658	2640			15228																																																	
		STO	0250	1803	3656	2648	0016511	0533	15225																																																	
		OBS	0250	1803	3656	2648			15225																																																	
		STO	0300	1777	3652	2651	0016357	0615	15226																																																	
		OBS	0300	1777	3652	2651			15226																																																	
		STO	0300	1745	3648	2656	0016228	0778	15232																																																	
		OBS	0300	1745	3648	2656			15232																																																	
		STO	0400	1670	3634	2663	0015815	0939	15225																																																	
		OBS	0400	1670	3634	2663			15225																																																	
		STO	0500	1482	3596	2677	0014659	1091	15178																																																	
		OBS	0500	1482	3596	2677			15178																																																	
		STO	0600	1261	3561	2696	0012891	1229	15118																																																	
		OBS	0600	1261	3561	2696			15118																																																	
		STO	0800	1041	3533	2716	0010984	1348	15054																																																	
		OBS	0800	1041	3533	2716			15054																																																	
		STO	0900	0837	3512	2733	0009208	1449	14993																																																	
		OBS	0900	0837	3512	2733			14993																																																	
		STO	1000	0679	3505	2751	0007419	1532	14948																																																	
		OBS	1000	0679	3505	2751			14948																																																	
		STO	1100	0579	3504	2763	0006165	1600	14924																																																	
		OBS	1100	0579	3504	2763			14924																																																	
		STO	1200	0516	3504	2771	0005407	1658	14916																																																	
		OBS	1200	0516	3504	2771			14916																																																	
		STO	1300	0482	3504	2775	0005051	1710	14918																																																	
		OBS	1300	0482	3504	2775			14918																																																	
		STO	1400	0446	3502	2777	0004813	1760	14920																																																	
		OBS	1400	0446	3502	2777			14920																																																	
		STO	1500	0425	3501	2779	0004708	1807	14928																																																	
		OBS	1500	0425	3501	2779			14928																																																	

TABLE XIX. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 9-11 December 1969, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8139.—Continued

REFERENCE CITY CODE	SHIP ID. NO.	LATITUDE ° 1/10	LONGITUDE ° 1/10	WAVE DIRECTION °	MARSDEN SQUARE			STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF S'MPL'S	WAVE OBSERVATIONS			WEA- TYPE CODE	CLOUD CODES	NODC STATION NUMBER																																			
					10'	1'	10"	MO	DAY	HR:1/10		CRUISE NO.	STATION NUMBER			DIR	HGT	PER				SEA	TRF	AMT																																
318139	A1	2835 N	07235 W	080	82	12	09	188	1969	A74	003	4846			13	2	2	X1	0	13	0003																																			
<table border="1"> <thead> <tr> <th colspan="2">WATER</th> <th colspan="3">WIND</th> <th colspan="3">AIR TEMP °C</th> <th colspan="3">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>COLOR CODE</th> <th>TRANS. (m)</th> <th>DIR.</th> <th>SPEED OF FORCE</th> <th>BARO-METER (mb)</th> <th>DRY BULB</th> <th>WET BULB</th> <th>VIS. CODE</th> <th>NO. OBS DEPTHS</th> <th colspan="3"></th> </tr> <tr> <th>OT</th> <th>SD</th> <th>12</th> <th>509</th> <th>169</th> <th>246</th> <th>214</th> <th>7</th> <th>24</th> <th colspan="3"></th> </tr> </thead> </table>																						WATER		WIND			AIR TEMP °C			SPECIAL OBSERVATIONS			COLOR CODE	TRANS. (m)	DIR.	SPEED OF FORCE	BARO-METER (mb)	DRY BULB	WET BULB	VIS. CODE	NO. OBS DEPTHS				OT	SD	12	509	169	246	214	7	24			
WATER		WIND			AIR TEMP °C			SPECIAL OBSERVATIONS																																																
COLOR CODE	TRANS. (m)	DIR.	SPEED OF FORCE	BARO-METER (mb)	DRY BULB	WET BULB	VIS. CODE	NO. OBS DEPTHS																																																
OT	SD	12	509	169	246	214	7	24																																																
MESSAGE TIME HR 1/10	CAST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME AND MAX-SITE	S Δ D DYN. M. x 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₂ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₂ -N μg - ml/l	NO ₃ -N μg - ml/l	SiO ₂ -Si μg - ml/l	pH	S TDS																																							
188		STD	0000	2325	3661	2510	0028718	0000	15324																																															
		OBS	0000	2325	3661	2510			15324																																															
		STD	0010	2317	3661	2512	0028531	0028	15324																																															
		OBS	0010	2317	3661	2512			15324																																															
		STD	0020	2315	3662	2514	0028444	0057	15325																																															
003		OBS	0020	2315	3662	2514			15325																																															
		STD	0030	2310	3663	2516	0028275	0085	15326																																															
		OBS	0030	2310	3663	2516			15326																																															
		STD	0050	2302	3663	2518	0028128	0141	15327																																															
		OBS	0050	2302	3663	2518			15327																																															
		STD	0075	2237	3660	2535	0026662	0210	15315																																															
		OBS	0075	2237	3660	2535			15315																																															
		STD	0100	2204	3659	2543	0025941	0276	15310																																															
		OBS	0100	2204	3659	2543			15310																																															
		STD	0125	2039	3671	2598	0020836	0334	15272																																															
		OBS	0125	2039	3671	2598			15272																																															
		STD	0150	1945	3666	2619	0018904	0384	15250																																															
		OBS	0150	1945	3666	2619			15250																																															
		STD	0200	1844	3661	2641	0016964	0473	15230																																															
		OBS	0200	1844	3661	2641			15230																																															
		STD	0250	1808	3658	2648	0016486	0557	15227																																															
		OBS	0250	1808	3658	2648			15227																																															
		STD	0300	1782	3654	2651	0016332	0639	15227																																															
		OBS	0300	1782	3654	2651			15227																																															
		STD	0400	1739	3647	2656	0016153	0802	15230																																															
		OBS	0400	1739	3647	2656			15230																																															
		STD	0500	1640	3624	2663	0015845	0962	15214																																															
		OBS	0500	1640	3624	2663			15214																																															
		STD	0600	1449	3593	2682	0014169	1112	15168																																															
		OBS	0600	1449	3593	2682			15168																																															
		STD	0700	1234	3561	2701	0012356	1244	15109																																															
		OBS	0700	1234	3561	2701			15109																																															
		STD	0800	0985	3528	2722	0010353	1358	15033																																															
		OBS	0800	0985	3528	2722			15033																																															
		STD	0900	0799	3512	2739	0008594	1453	14978																																															
		OBS	0900	0799	3512	2739			14978																																															
		STD	1000	0669	3506	2753	0007193	1531	14944																																															
		OBS	1000	0669	3506	2753			14944																																															
		STD	1100	0572	3505	2765	0005997	1597	14922																																															
		OBS	1100	0572	3505	2765			14922																																															
		STD	1200	0509	3504	2772	0005317	1654	14913																																															
		OBS	1200	0509	3504	2772			14913																																															
		STD	1300	0478	3504	2775	0005004	1706	14917																																															
		OBS	1300	0478	3504	2775			14917																																															
		STD	1400	0446	3502	2777	0004813	1755	14920																																															
		OBS	1400	0446	3502	2777			14920																																															
		STD	1500	0430	3502	2779	0004699	1802	14930																																															
		OBS	1500	0430	3502	2779			14930																																															

TABLE XIX. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 9-11 December 1969, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8139.—Continued

REFERENCE CRUISE NO.	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	MARSDEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODE	NODC STATION NUMBER			
					MO	DAY	HR:1/10		CRUISE NO.	STATION NUMBER			DIR	HGT:FT	SEA						
					WIND		AIR TEMP. °C		NO. OF DEPTHS		SPECIAL OBSERVATIONS										
					WATER	WIND	DRY	WET	VIL	NO.											
					COLOR	TRANS	OIL	TYPE OR FORCE	BARO- METER RANGE	DRY	WET	VIL	NO.								
					DT	SO	13	S12	166	232	212	7	25								
MESSAGE NO. 1/10	CAST NO.	CARD TYPE	DEPTH (M)	T °C	S. °C	SIGMA-T	THERMAL VOLUME ANOMALY-°C?	Δ Δ Δ D D.W. IN 1/10?	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - dl/l	POTA ₄ -P μg - dl/l	NO ₃ -N μg - dl/l	NO ₂ -N μg - dl/l	SIO ₄ -S μg - dl/l	BH	S C C				
		STD	0000	2269	3654	2521	0027675	0000	15310												
	004	OBS	0000	2269	3654	2521			15310												
		STD	0010	2269	3655	2522	0027642	0027	15311												
		OBS	0010	2269	3655	2522			15311												
		STD	0020	2269	3655	2522	0027681	0055	15313												
	004	OBS	0020	2269	3655	2522			15313												
		STD	0030	2269	3655	2522	0027721	0083	15315												
		OBS	0030	2269	3655	2522			15315												
		STD	0050	2267	3655	2522	0027745	0138	15317												
		OBS	0050	2267	3655	2522			15317												
		STD	0075	2267	3655	2522	0027843	0406	15322												
		OBS	0075	2267	3655	2522			15322												
		STD	0100	2268	3655	2522	0027969	0277	15326												
		OBS	0100	2268	3655	2522			15326												
		STD	0125	2268	3656	2523	0027994	0347	15330												
		OBS	0125	2268	3656	2523			15330												
		OBS	0130	2268	3656	2523			15331												
		STD	0150	2182	3671	2559	0024683	0413	15314												
		OBS	0150	2182	3671	2559			15314												
		STD	0200	1940	3668	2622	0018823	0522	15257												
		OBS	0200	1940	3668	2622			15257												
		STD	0250	1868	3665	2638	0017436	0612	15245												
		OBS	0250	1868	3665	2638			15245												
		STD	0300	1824	3662	2647	0016756	0698	15240												
		OBS	0300	1824	3662	2647			15240												
		STD	0400	1777	3656	2654	0016409	0864	15243												
		OBS	0400	1777	3656	2654			15243												
		STD	0500	1753	3652	2657	0016460	1028	15252												
		OBS	0500	1753	3652	2657			15252												
		STD	0600	1617	3626	2669	0015496	1188	15224												
		OBS	0600	1617	3626	2669			15224												
		STD	0700	1381	3585	2690	0013591	1433	15161												
		OBS	0700	1381	3585	2690			15161												
		STD	0800	1115	3548	2714	0011257	1458	15083												
		OBS	0800	1115	3548	2714			15083												
		STD	0900	0883	3521	2733	0009320	1560	15011												
		OBS	0900	0883	3521	2733			15011												
		STD	1000	0699	3511	2753	0007276	1643	14956												
		OBS	1000	0699	3511	2753			14956												
		STD	1100	0581	3509	2767	0005834	1709	14926												
		OBS	1100	0581	3509	2767			14926												
		STD	1200	0519	3509	2775	0005080	1764	14917												
		OBS	1200	0519	3509	2775			14917												
		STD	1300	0479	3508	2778	0004725	1813	14918												
		OBS	1300	0479	3508	2778			14918												
		STD	1400	0447	3507	2781	0004489	1859	14922												
		OBS	1400	0447	3507	2781			14922												
		STD	1500	0448	3506	2781	0004517	1904	14934												
		OBS	1500	0448	3506	2781			14934												

TABLE XIX. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 9-11 December 1969, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8139.—Continued

REFERENCE CITY CODE	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	MARS DEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLING	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER		
					10'	1'	MO		DAY	HR			1/10	CAUSE NO.	STATION NUMBER				DIR	HGT
318139	A1	2836 N	07502 W	080	85	12	10	084	1969	A74	005	4892		14	12		X0	0	3	0005
				WATER		WIND		BARG.		AIR TEMP										
				COLOR	TRANSP.	DIR.	SPEED	DIR.	WIND	WIND	DRY	WET	VIS	NO.	SPECIAL					
				CODE	NO.		OF			BULB	BULB	CODE	OF	OBSERVATIONS						
				DT	SO	13	S15	146		229	209	7	25							
MISSING TIME HR	CAST NO.	CARD TYPE	DEPTH (m)	T	S	SIGMA-T	SPECIFIC VOLUME ANOMALY- σ_{θ}	$\Sigma \Delta \sigma$ DIM. $\times 10^3$	SOUND VELOCITY	O ₂ ml/l	PO ₂ -P µg - ml/l	TOTAL-P µg - ml/l	NO ₃ -N µg - ml/l	NO ₂ -N µg - ml/l	SiO ₄ -Si µg - ml/l	pH	S C			
		STO	0000	2327	3654	2504	0029272	0000	15324											
	064	OBS	0000	2327	3654	2504			15324											
		STO	0010	2327	3654	2504	0029312	0029	15326											
		OBS	0010	2327	3654	2504			15326											
		STO	0020	2327	3654	2504	0029352	0058	15327											
	004	OBS	0020	2327	3654	2504			15327											
		STO	0030	2322	3654	2506	0029255	0087	15328											
		OBS	0030	2322	3654	2506			15328											
		OBS	0039	2322	3654	2506			15329											
		STO	0050	2316	3656	2509	0029026	0146	15330											
		OBS	0050	2316	3656	2509			15330											
		STO	0075	2242	3673	2543	0025666	0414	15317											
		OBS	0075	2242	3673	2543			15317											
		STO	0100	2141	3678	2575	0022891	0475	15296											
		OBS	0100	2141	3678	2575			15296											
		STO	0125	2066	3675	2594	0021239	0330	15280											
		OBS	0125	2066	3675	2594			15280											
		STO	0150	1971	3671	2616	0019199	0381	15258											
		OBS	0150	1971	3671	2616			15258											
		STO	0200	1892	3666	2633	0017771	0475	15244											
		OBS	0200	1892	3666	2633			15244											
		STO	0250	1836	3662	2644	0016875	0560	15236											
		OBS	0250	1836	3662	2644			15236											
		STO	0300	1806	3659	2649	0016541	0644	15235											
		OBS	0300	1806	3659	2649			15235											
		STO	0400	1756	3652	2656	0016199	0807	15236											
		OBS	0400	1756	3652	2656			15236											
		STO	0500	1670	3637	2665	0015599	0966	15225											
		OBS	0500	1670	3637	2665			15225											
		STO	0600	1495	3604	2680	0014367	1416	15184											
		OBS	0600	1495	3604	2680			15184											
		STO	0700	1279	3571	2700	0012520	1451	15125											
		OBS	0700	1279	3571	2700			15125											
		STO	0800	1039	3540	2722	0010437	1365	15054											
		OBS	0800	1039	3540	2722			15054											
		STO	0900	0853	3519	2736	0008962	1462	15000											
		OBS	0900	0853	3519	2736			15000											
		STO	1000	0736	3512	2748	0007773	1546	14971											
		OBS	1000	0736	3512	2748			14971											
		STO	1100	0612	3510	2764	0006202	1616	14938											
		OBS	1100	0612	3510	2764			14938											
		STO	1400	0538	3513	2773	0005273	1673	14925											
		OBS	1200	0538	3510	2773			14925											
		STO	1300	0489	3508	2777	0004860	1724	14922											
		OBS	1300	0489	3508	2777			14922											
		STO	1400	0460	3508	2781	0004569	1771	14927											
		OBS	1400	0460	3508	2781			14927											
		STO	1500	0436	3507	2782	0004413	1816	14933											
		OBS	1500	0436	3507	2782			14933											

TABLE XIX. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 9-11 December 1969, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8139.—Continued

REFERENCE CTR CODE	ID. NO.	SHIP CODE	LATITUDE °/10	LONGITUDE °/10	WAVE DIR	WAVE SQUARE		STATION TIME (GMT)		YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLE'S	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER																								
						10°	17'	MO	DAY		HR	MIN			CRUISE NO.	STATION NUMBER	DIR.				HGT	PER SEA																						
318139		A1	2837 N	075285 W	080	85	12	10	100	1969	A74	006	4938		14	2	3	X1	0	3	0006																							
<table border="1"> <thead> <tr> <th colspan="4">WIND</th> <th colspan="2">AIR TEMP. °C</th> <th rowspan="2">NO. OBS. DEPTH</th> <th rowspan="2">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>COLOUR CODE</th> <th>WIND DIR.</th> <th>WIND SPEED OF FORCE</th> <th>BARO- METER (MM)</th> <th>DRY BULB</th> <th>WET BULB</th> <th>VIS. CODE</th> </tr> </thead> <tbody> <tr> <td>DT</td> <td>SO</td> <td>14</td> <td>S25</td> <td>132</td> <td>230</td> <td>207</td> <td>7</td> <td>27</td> </tr> </tbody> </table>																					WIND				AIR TEMP. °C		NO. OBS. DEPTH	SPECIAL OBSERVATIONS	COLOUR CODE	WIND DIR.	WIND SPEED OF FORCE	BARO- METER (MM)	DRY BULB	WET BULB	VIS. CODE	DT	SO	14	S25	132	230	207	7	27
WIND				AIR TEMP. °C		NO. OBS. DEPTH	SPECIAL OBSERVATIONS																																					
COLOUR CODE	WIND DIR.	WIND SPEED OF FORCE	BARO- METER (MM)	DRY BULB	WET BULB			VIS. CODE																																				
DT	SO	14	S25	132	230	207	7	27																																				
MESSAGE TIME HR /10	CASID NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-20°	S.D. DYN. M E 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P μg - ml/l	TOTAL-P μg - ml/l	NO ₂ -N μg - ml/l	NO ₃ -N μg - ml/l	SiO ₄ -Si μg - ml/l	pH	S C																											
		STD	0000	2325	3656	2506	0029072	0000	15324																																			
	100	OBS	0000	2325	3656	2506			15324																																			
		STD	0010	2325	3656	2506	0029112	0029	15325																																			
		OBS	0010	2325	3656	2506			15325																																			
		STD	0020	2325	3656	2506	0029152	0058	15327																																			
	003	OBS	0020	2325	3656	2506			15327																																			
		STD	0030	2311	3656	2510	0028801	0087	15325																																			
		OBS	0030	2311	3656	2510			15325																																			
		STD	0050	2304	3656	2512	0028690	0144	15327																																			
		OBS	0050	2304	3656	2512			15327																																			
		STD	0070	2301	3658	2515			15330																																			
		OBS	0070	2300	3663	2519	0028172	0215	15331																																			
		STD	0075	2300	3663	2519			15331																																			
		OBS	0075	2300	3663	2519			15331																																			
		STD	0080	2280	3677	2535			15328																																			
		OBS	0100	2129	3673	2575	0022935	0279	15292																																			
		STD	0100	2129	3673	2575			15292																																			
		OBS	0125	2039	3672	2599	0020764	0334	15273																																			
		STD	0125	2039	3672	2599			15273																																			
		OBS	0125	2039	3672	2599			15273																																			
		STD	0140	1956	3669	2618	0018961	0383	15254																																			
		OBS	0150	1956	3669	2618			15254																																			
		STD	0150	1872	3665	2637	0017360	0474	15238																																			
		OBS	0200	1872	3665	2637			15238																																			
		STD	0250	1831	3662	2645	0016756	0560	15234																																			
		OBS	0250	1831	3662	2645			15234																																			
		STD	0300	1801	3660	2651	0016550	0642	15234																																			
		OBS	0300	1801	3660	2651			15234																																			
		STD	0400	1752	3654	2659	0015954	0804	15235																																			
		OBS	0400	1752	3654	2659			15235																																			
		STD	0500	1691	3641	2663	0015795	0963	15232																																			
		OBS	0500	1691	3641	2663			15232																																			
		STD	0530	1704	3649	2666			15242																																			
		OBS	0600	1587	3621	2673	0015172	1117	15214																																			
		STD	0600	1587	3621	2673			15214																																			
		OBS	0700	1347	3581	2694	0013175	1259	15149																																			
		STD	0700	1347	3581	2694			15149																																			
		OBS	0800	1127	3551	2714	0011266	1381	15087																																			
		STD	0800	1127	3551	2714			15087																																			
		OBS	0900	0917	3525	2731	0009595	1486	15025																																			
		STD	0900	0917	3525	2731			15025																																			
		OBS	1000	0746	3512	2747	0007428	1573	14975																																			
		STD	1000	0746	3512	2747			14975																																			
		OBS	1100	0624	3509	2761	0006453	1645	14943																																			
		STD	1100	0624	3509	2761			14943																																			
		OBS	1200	0451	3509	2771	0005529	1705	14930																																			
		STD	1200	0451	3509	2771			14930																																			
		OBS	1300	0495	3508	2777	0004943	1757	14924																																			
		STD	1300	0495	3508	2777			14924																																			
		OBS	1400	0463	3508	2780	0004614	1805	14928																																			
		STD	1400	0463	3508	2780			14928																																			
		OBS	1500	0438	3507	2782	0004447	1851	14934																																			
		STD	1500	0438	3507	2782			14934																																			

TABLE XIX. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 9-11 December 1969, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8139.—Continued

REFERENCE CTD CODE	SHIP ID. NO.	SHIP CODE	LATITUDE 1/10	LONGITUDE 1/10	S 10'	MARSDEN SQUARE		STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES TTL [AM]	NODC STATION NUMBER																												
						10'	10'	MO	DAY	HR		1/10	CRUISE NO.			STATION NUMBER	DIR	HGT				PER	SEA																										
318139	A1		2646 N	07605 W	080	86	12	10	160	1969	A74	007	4846		14	3	3	X2	03	0007																													
<table border="1"> <thead> <tr> <th colspan="2">WATER</th> <th colspan="2">WIND</th> <th colspan="2">BARO- METER</th> <th colspan="2">AIR TEMP. °C</th> <th rowspan="2">NO. OF DEPTHS</th> <th rowspan="2">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>COLOR CODE</th> <th>TRANS. M</th> <th>DIR.</th> <th>SPEED OF FORCE</th> <th>WET BULB</th> <th>DRY BULB</th> <th>WET BULB</th> <th>VIL CODE</th> </tr> </thead> <tbody> <tr> <td>01</td> <td>50</td> <td>15</td> <td>522</td> <td>122</td> <td>239</td> <td>213</td> <td>7</td> <td>23</td> <td></td> </tr> </tbody> </table>																						WATER		WIND		BARO- METER		AIR TEMP. °C		NO. OF DEPTHS	SPECIAL OBSERVATIONS	COLOR CODE	TRANS. M	DIR.	SPEED OF FORCE	WET BULB	DRY BULB	WET BULB	VIL CODE	01	50	15	522	122	239	213	7	23	
WATER		WIND		BARO- METER		AIR TEMP. °C		NO. OF DEPTHS	SPECIAL OBSERVATIONS																																								
COLOR CODE	TRANS. M	DIR.	SPEED OF FORCE	WET BULB	DRY BULB	WET BULB	VIL CODE																																										
01	50	15	522	122	239	213	7	23																																									
MISSING TIME HR 1/10	CASID NO.	CARD TYPE	DEPTH (M)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY (10 ³)	Δ D DYN. M ± 10 ³	SOUND VELOCITY	O ₂ (M)	PO ₄ -P µg - ml/l	TOTAL-P µg - ml/l	NO ₂ -N µg - ml/l	NO ₃ -N µg - ml/l	SiO ₄ -S µg - ml/l	PH	S CODE																																
		STD	0000	2420	3650	2474	0032177	0000	15346																																								
	160	OBS	0000	2420	3650	2474			15346																																								
		STD	0010	2420	3650	2474	0032218	0032	15348																																								
		OBS	0010	2420	3650	2474			15348																																								
		STD	0020	2418	3650	2474	0032204	0064	15349																																								
	004	OBS	0020	2418	3650	2474			15349																																								
		STD	0030	2418	3650	2474	0032244	0096	15351																																								
		OBS	0030	2418	3650	2474			15351																																								
		STD	0050	2418	3650	2474	0032325	0161	15354																																								
		OBS	0050	2418	3650	2474			15354																																								
		STD	0075	2367	3654	2492	0030690	0240	15346																																								
		OBS	0075	2367	3654	2492			15346																																								
		STD	0100	2316	3654	2507	0029370	0315	15338																																								
		OBS	0100	2316	3654	2507			15338																																								
		STD	0125	2164	3674	2566	0023887	0381	15306																																								
		OBS	0125	2164	3674	2566			15306																																								
		STD	0150	2058	3678	2598	0020906	0437	15282																																								
		OBS	0150	2058	3678	2598			15282																																								
		STD	0200	1922	3670	2628	0018222	0535	15253																																								
		OBS	0200	1922	3670	2628			15253																																								
		STD	0250	1867	3665	2638	0017400	0624	15245																																								
		OBS	0300	1823	3661	2646	0016810	0710	15240																																								
		STD	0300	1823	3661	2646			15240																																								
		OBS	0300	1823	3661	2646			15240																																								
		STD	0400	1771	3656	2656	0016262	0875	15241																																								
		OBS	0400	1771	3656	2656			15241																																								
		STD	0500	1726	3646	2659	0016252	1037	15243																																								
		OBS	0500	1726	3646	2659			15243																																								
		STD	0600	1637	3631	2669	0015586	1197	15231																																								
		OBS	0600	1637	3631	2669			15231																																								
		STD	0700	1416	3591	2687	0013900	1344	15173																																								
		OBS	0700	1416	3591	2687			15173																																								
		STD	0800	1181	3558	2709	0011783	1473	15107																																								
		OBS	0800	1181	3558	2709			15107																																								
		STD	0900	0956	3531	2729	0009834	1581	15040																																								
		OBS	0900	0956	3531	2729			15040																																								
		STD	1000	0784	3515	2744	0008310	1671	14990																																								
		OBS	1000	0784	3515	2744			14990																																								
		STD	1100	0599	3509	2765	0006091	1743	14933																																								
		OBS	1100	0599	3509	2765			14933																																								
		STD	1200	0520	3510	2775	0005021	1799	14918																																								
		OBS	1200	0520	3510	2775			14918																																								
		STD	1300	0475	3510	2780	0004519	1847	14916																																								
		OBS	1300	0475	3510	2780			14916																																								
		STD	1400	0450	3508	2782	0004431	1891	14922																																								
		OBS	1400	0450	3508	2782			14922																																								
		STD	1500	0427	3508	2784	0004224	1935	14930																																								
		OBS	1500	0427	3508	2784			14930																																								

TABLE XIX. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 9-11 December 1969, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8139.—Continued

REFERENCE CMT ID. NO.	SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	C S E	WASSER SQUARE		STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH (FATHS)	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER
					10°	'	MO	DAY	HR./10		CRUISE NO.	STATION NUMBER			DIR.	HGT	PER			
318139	A1	2835 N	07643 W	080	86	12	10	191	1969	A74	008	2012		15	4	3	X2	0	3	0008
					WATER		WIND		BARO-		AIR TEMP. °C		NO.		SPECIAL					
					COLOR	TRANS.	DIR.	SPEED	METER	DRY	WET	VIS.	NO.	NO.	OBSERVATIONS					
					DT	SO	18	514	112	238	215	7	25	25						
MESSAGE TIME HR 1/10	CASE NO.	CARD TYPE	DEPTH m	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME ANOMALY-20°	$\Sigma \Delta$ D DIN. M 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P µg - ml/l	TOTAL-P µg - ml/l	NO ₂ -N µg - ml/l	NO ₃ -N µg - ml/l	SiO ₂ -Si µg - ml/l	PH	S C C			
	191	STO	0000	2370	3653	2491	0030552	0000	15334											
		OBS	0000	2370	3653	2491			15334											
		STO	0010	2368	3653	2491	0030529	0030	15336											
		OBS	0010	2368	3653	2491			15336											
	004	STO	0020	2367	3654	2492	0030469	0061	15337											
		OBS	0020	2367	3654	2492			15337											
		STO	0030	2366	3654	2493	0030482	0091	15338											
		OBS	0030	2366	3654	2493			15338											
		OBS	0039	2364	3654	2493			15339											
		STO	0050	2320	3650	2503	0029571	0151	15330											
		OBS	0050	2320	3650	2503			15330											
		STO	0075	2316	3671	2520	0028047	0223	15336											
		OBS	0075	2316	3671	2520			15336											
		STO	0100	2173	3673	2563	0024099	0288	15304											
		OBS	0100	2173	3673	2563			15304											
		STO	0125	2044	3675	2600	0020674	0344	15274											
		OBS	0125	2044	3675	2600			15274											
		STO	0150	1958	3668	2617	0019088	0394	15254											
		OBS	0150	1958	3668	2617			15254											
		STO	0200	1872	3666	2638	0017287	0485	15238											
		OBS	0200	1872	3666	2638			15238											
		STO	0250	1834	3664	2646	0016685	0570	15235											
		OBS	0250	1834	3664	2646			15235											
		STO	0300	1808	3662	2651	0016371	0652	15236											
		OBS	0300	1808	3662	2651			15236											
		STO	0400	1765	3656	2657	0016123	0815	15239											
		OBS	0400	1765	3656	2657			15239											
		STO	0500	1693	3640	2662	0015913	0975	15232											
		OBS	0500	1693	3640	2662			15232											
		STO	0600	1504	3606	2680	0014421	1127	15187											
		OBS	0600	1504	3606	2680			15187											
		STO	0700	1279	3576	2704	0012153	1260	15126											
		OBS	0700	1279	3576	2704			15126											
		STO	0800	1131	3552	2714	0011263	1377	15089											
		OBS	0800	1131	3552	2714			15089											
		STO	0900	0868	3521	2735	0009070	1478	15006											
		OBS	0900	0868	3521	2735			15006											
		STO	1000	0646	3509	2758	0006628	1557	14935											
		OBS	1000	0646	3509	2758			14935											
		STO	1100	0545	3508	2771	0005399	1617	14911											
		OBS	1100	0545	3508	2771			14911											
		STO	1200	0489	3508	2777	0004749	1668	14905											
		OBS	1200	0489	3508	2777			14905											
		STO	1300	0451	3506	2780	0004490	1714	14906											
		OBS	1300	0451	3506	2780			14906											
		STO	1400	0414	3504	2782	0004242	1758	14907											
		OBS	1400	0414	3504	2782			14907											
		STO	1500	0396	3504	2784	0004096	1799	14916											
		OBS	1500	0396	3504	2784			14916											

TABLE XIX. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 9-11 December 1969, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8139.—Continued

REFERENCE SHIP CODE NO.	SHIP CODE	LATITUDE ° ' /10	LONGITUDE ° ' /10	L S E	MARSDEN SQUARE				STATION TIME GMT				YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLE	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES		NODC STATION NUMBER
					10'	1"	MO	DAY	HR	1/10	CRUISE NO.	STATION NUMBER		DIR.	HGT			PER	SEA	TYPE		AMT		
318139	AI	2835 N	07748 W		080	87	12	11	020	1969	A74	010	0951			17	5	3	X1	0	3	0010		
					WATER		WIND		BARO- METER		AIR TEMP. °C		NO. OBS. DEPTH		SPECIAL OBSERVATIONS									
					COLOR CODE	TRANS. MM	DIR.	TRD OF FORCE	WIND SPEED	DEF. RULE	WET RULE	VIL CODE												
					DT	SD	18	522	078	236	217	6	20											
MESSING TIME HR. /10	CAS NO.	CARD TYPE	DEPTH (M)	T °C	S ‰	SIGMA-T	SPECIFIC VOLUME KH/MAL-10 ³	$\frac{\Delta \sigma}{\sigma}$ DIN. M E 10 ³	SOUND VELOCITY	O ₂ ml/l	PO ₄ -P µg - ml/l	TOTAL-P µg - ml/l	NO ₂ -N µg - ml/l	NO ₃ -N µg - ml/l	SiO ₄ -Si µg - ml/l	PH	CHL CL							
		STD	0000	2365	3650	2490	0030625	0000	15333															
		OBS	0000	2365	3650	2490			15333															
		STD	0010	2365	3650	2490	0030665	0030	15334															
		OBS	0010	2365	3650	2490			15334															
		STD	0020	2365	3650	2490	0030705	0061	15336															
		OBS	0020	2365	3650	2490			15336															
		STD	0030	2365	3650	2490	0030745	0092	15338															
		OBS	0030	2365	3650	2490			15338															
		OBS	0040	2365	3650	2490			15339															
		OBS	0042	2330	3648	2499			15331															
		STD	0050	2308	3650	2507	0029234	0152	15327															
		OBS	0050	2308	3650	2507			15327															
		STD	0075	2285	3661	2522	0027908	0223	15327															
		OBS	0075	2285	3661	2522			15327															
		STD	0100	2100	3676	2585	0021954	0285	15285															
		OBS	0100	2100	3676	2585			15285															
		STD	0125	2016	3673	2606	0020100	0338	15266															
		OBS	0125	2016	3673	2606			15266															
		STD	0150	1959	3669	2618	0019043	0387	15255															
		OBS	0150	1959	3669	2618			15255															
		STD	0200	1882	3663	2633	0017741	0479	15241															
		OBS	0200	1882	3663	2633			15241															
		STD	0250	1849	3664	2642	0017042	0566	15240															
		OBS	0250	1849	3664	2642			15240															
		STD	0300	1841	3664	2644	0017024	0651	15246															
		OBS	0300	1841	3664	2644			15246															
		STD	0400	1801	3658	2650	0016837	0820	15250															
		OBS	0400	1801	3658	2650			15250															
		STD	0500	1730	3644	2656	0016488	0987	15244															
		OBS	0500	1730	3644	2656			15244															
		STD	0600	1497	3600	2677	0014701	1143	15184															
		OBS	0600	1497	3600	2677			15184															
		STD	0700	1251	3564	2700	0012467	1279	15115															
		OBS	0700	1251	3564	2700			15115															
		STD	0800	0941	3525	2727	0009811	1390	15017															
		OBS	0800	0941	3525	2727			15017															
		STD	0900	0720	3511	2750	0007438	1476	14948															
		OBS	0900	0720	3511	2750			14948															

TABLE XIX. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 9-11 December 1969, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8139.—Continued

REFERENCE CTRY CODE	SHIP ID. NO.	SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	# OF S	MARSSEN SQUARE		STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPL.	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER		
						10'	3"	MO	DAY	HR		LT	CRUISE NO.			STATION NUMBER	DIR.	HGT				PER	SEA
						WATER		WIND		BARO- METER		AIR TEMP. °C		NO. OBS. DEPTHS		SPECIAL OBSERVATIONS							
						COLOR CODE	TEMP. (m)	DIR.	SPEED OF FORCE	DRY BULB	WET BULB	VIS. CODE											
						DT	50	29	521	142	222	197	7	17									
318139	AI		2833 N	07914 W	080	89	12	11	121	1969	A74	013	0869		27	2	3	X1	0	3	0013		
			STD	0000			2473	3615	2431		0036220	0000	15355										
	121		OBS	0000			2473	3615	2431				15355										
			STD	0010			2473	3616	2432		0036188	0036	15357										
			OBS	0010			2473	3616	2432				15357										
			STD	0020			2472	3617	2433		0036129	0072	15358										
	008		OBS	0020			2472	3617	2433				15358										
			STD	0030			2465	3617	2435		0035969	0108	15358										
			OBS	0030			2465	3617	2435				15358										
			STD	0050			2411	3632	2463		0033423	0177	15350										
			OBS	0050			2411	3632	2463				15350										
			STD	0075			2364	3647	2488		0031116	0258	15345										
			OBS	0075			2364	3647	2488				15345										
			STD	0100			2324	3659	2509		0029226	0333	15340										
			OBS	0100			2324	3659	2509				15340										
			STD	0125			2182	3664	2553		0025084	0401	15309										
			OBS	0125			2182	3664	2553				15309										
			STD	0150			2074	3670	2588		0021904	0460	15286										
			OBS	0150			2074	3670	2588				15286										
			STD	0200			1922	3661	2621		0018872	0562	15252										
			OBS	0200			1922	3661	2621				15252										
			STD	0250			1865	3661	2636		0017652	0653	15244										
			OBS	0250			1865	3661	2636				15244										
			STD	0300			1812	3653	2643		0017120	0740	15236										
			OBS	0300			1812	3653	2643				15236										
			STD	0400			1759	3648	2652		0016560	0909	15236										
			OBS	0400			1759	3648	2652				15236										
			STD	0500			1653	3629	2663		0015784	1070	15219										
			OBS	0500			1653	3629	2663				15219										
			STD	0600			1421	3589	2685		0013864	1419	15158										
			OBS	0600			1421	3589	2685				15158										
			STD	0700			0970	3521	2719		0010399	1340	15010										
			OBS	0700			0970	3521	2719				15010										
			STD	0800			0713	3510	2750		0007248	1428	14928										
			OBS	0800			0713	3510	2750				14928										

REFERENCE CTRY CODE	SHIP ID. NO.	SHIP CODE	LATITUDE ° 1/10	LONGITUDE ° 1/10	# OF S	MARSSEN SQUARE		STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX. DEPTH OF SAMPL.	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES	NODC STATION NUMBER		
						10'	3"	MO	DAY	HR		LT	CRUISE NO.			STATION NUMBER	DIR.	HGT				PER	SEA
						WATER		WIND		BARO- METER		AIR TEMP. °C		NO. OBS. DEPTHS		SPECIAL OBSERVATIONS							
						COLOR CODE	TEMP. (m)	DIR.	SPEED OF FORCE	DRY BULB	WET BULB	VIS. CODE											
						DT	50	31	517	142	222	194	7	21									
318139	AI		2835 N	07935 W	080	89	12	11	149	1969	A74	014	0786		27	2	3	X1	0	3	0014		
			STD	0000			2583	3600	2386		0040522	0000	15379										
	149		OBS	0000			2583	3600	2386				15379										
			STD	0010			2583	3600	2386		0040563	0040	15380										
			OBS	0010			2583	3600	2386				15380										
			STD	0020			2583	3600	2386		0040604	0081	15382										
	004		OBS	0020			2583	3600	2386				15382										
			STD	0030			2583	3601	2387		0040572	0121	15384										
			OBS	0030			2583	3601	2387				15384										
			STD	0050			2583	3603	2388		0040509	0402	15387										
			OBS	0050			2583	3603	2388				15387										
			STD	0075			2527	3646	2438		0035866	0498	15383										
			OBS	0075			2527	3646	2438				15383										
			STD	0100			2372	3664	2499		0030210	0380	15353										
			OBS	0100			2372	3664	2499				15353										
			STD	0125			2192	3673	2557		0024705	0449	15313										
			OBS	0125			2192	3673	2557				15313										
			STD	0140			2142	3678	2575				15313										
			OBS	0140			2142	3678	2575				15313										
			STD	0150			2074	3668	2586		0022048	0517	15286										
			OBS	0150			2074	3668	2586				15286										
			STD	0165			2052	3673	2598				15283										
			OBS	0165			2052	3673	2598				15283										
			STD	0200			1901	3659	2625		0016505	0609	15245										
			OBS	0200			1901	3659	2625				15245										
			STD	0250			1783	3648	2648		0016612	0697	15219										
			OBS	0250			1783	3648	2648				15219										
			STD	0300			1684	3632	2658		0015631	0777	15196										
			OBS	0300			1684	3632	2658				15196										
			STD	0400			1444	3590	2681		0013701	0924	15133										
			OBS	0400			1444	3590	2681				15133										
			STD	0500			1119	3539	2706		0011282	1049	15033										
			OBS	0500			1119	3539	2706				15033										
			STD	0600			0956	3516	2717		0010317												

TABLE XIX. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 9-11 December 1969, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8139.—Continued

REFERENCE CRUISE ID. NO.	SHIP CODE	LATITUDE ° ' /10	LONGITUDE ° ' /10	MARSSEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES (1) (2) (3)	NODC STATION NUMBER																										
					10'	1'	MO DAY HR:1/10		CRUISE NO.	STATION NUMBER			DIR	HGT	PER				SEA																									
318139	A1	2835 N	07953 W	080	89	12	11	172	1969	A74	015	0302		28	12		X1	013	0015																									
<table border="1"> <thead> <tr> <th colspan="2">WATER</th> <th colspan="2">WIND</th> <th rowspan="2">BARO- METER (mb)</th> <th colspan="2">AIR TEMP °C</th> <th rowspan="2">VIS CODE</th> <th rowspan="2">NO. OBS DEPTH</th> <th rowspan="2">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>COLOR CODE</th> <th>TEMP (°C)</th> <th>DIR</th> <th>SPEED OF FORCE</th> <th>DRY BULB</th> <th>WET BULB</th> </tr> </thead> <tbody> <tr> <td>DT</td> <td>SD</td> <td>31</td> <td>S15</td> <td>169</td> <td>200</td> <td>178</td> <td>7</td> <td>18</td> <td></td> </tr> </tbody> </table>																			WATER		WIND		BARO- METER (mb)	AIR TEMP °C		VIS CODE	NO. OBS DEPTH	SPECIAL OBSERVATIONS	COLOR CODE	TEMP (°C)	DIR	SPEED OF FORCE	DRY BULB	WET BULB	DT	SD	31	S15	169	200	178	7	18	
WATER		WIND		BARO- METER (mb)	AIR TEMP °C		VIS CODE	NO. OBS DEPTH	SPECIAL OBSERVATIONS																																			
COLOR CODE	TEMP (°C)	DIR	SPEED OF FORCE		DRY BULB	WET BULB																																						
DT	SD	31	S15	169	200	178	7	18																																				
MESSAGE TIME HR 1/10	CASST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME AND WALSLEY-1972	SOUND VELOCITY (10 ³)	D ₂ (m/s)	PO ₄ -P (μg-at/l)	TOTAL-P (μg-at/l)	NO ₃ -N (μg-at/l)	NO ₂ -N (μg-at/l)	SiO ₄ -Si (μg-at/l)	PH	S C C																												
172		STD	0000	2572	3592	2384	0040776	0000	15375																																			
		OBS	0000	2572	3592	2384			15375																																			
		STD	0010	2571	3594	2385	0040635	0040	15377																																			
		OBS	0010	2571	3594	2385			15377																																			
		STD	0020	2571	3594	2385	0040676	0081	15379																																			
		OBS	0020	2571	3594	2385			15379																																			
		STD	0030	2571	3594	2385	0040717	0122	15380																																			
		OBS	0030	2571	3594	2385			15380																																			
		OBS	0042	2571	3594	2385			15382																																			
		STD	0050	2527	3591	2397	0039724	0202	15373																																			
		OBS	0050	2527	3591	2397			15373																																			
		OBS	0065	2472																																								
		OBS	0070	2501	3648	2448			15377																																			
		STD	0075	2470	3641	2452	0034572	0247	15363																																			
		OBS	0075	2470	3641	2452			15364																																			
		OBS	0080	2402	3615	2453			15351																																			
		STD	0100	2202	3645	2533	0026901	0374	15365																																			
		OBS	0100	2202	3645	2533			15365																																			
		OBS	0110	2122	3647	2559			15289																																			
		STD	0125	2002	3639	2583	0021196	0413	15255																																			
		OBS	0125	2002	3639	2583			15255																																			
		OBS	0140	1416	3648	2613			15236																																			
		STD	0150	1864	3642	2622	0018652	0484	15211																																			
		OBS	0150	1864	3642	2622			15201																																			
		STD	0200	1442	3584	2676	0013510	0565	15098																																			
		OBS	0200	1442	3584	2676			15098																																			
		STD	0250	1094	3539	2711	0010241	0624	14983																																			
		OBS	0250	1094	3539	2711			14983																																			
		OBS	0280	1084	3539	2714			14985																																			

REFERENCE CRUISE ID. NO.	SHIP CODE	LATITUDE ° ' /10	LONGITUDE ° ' /10	MARSSEN SQUARE	STATION TIME (GMT)			YEAR	ORIGINATOR'S		DEPTH TO BOTTOM	MAX DEPTH OF SAMPLES	WAVE OBSERVATIONS			WEA- THER CODE	CLOUD CODES (1) (2) (3)	NODC STATION NUMBER																										
					10'	1'	MO DAY HR:1/10		CRUISE NO.	STATION NUMBER			DIR	HGT	PER				SEA																									
318139	A1	2635 N	08010 W	081	80	12	11	198	1969	A74	016	0040		30	14		A1	013	0016																									
<table border="1"> <thead> <tr> <th colspan="2">WATER</th> <th colspan="2">WIND</th> <th rowspan="2">BARO- METER (mb)</th> <th colspan="2">AIR TEMP °C</th> <th rowspan="2">VIS CODE</th> <th rowspan="2">NO. OBS DEPTH</th> <th rowspan="2">SPECIAL OBSERVATIONS</th> </tr> <tr> <th>COLOR CODE</th> <th>TEMP (°C)</th> <th>DIR</th> <th>SPEED OF FORCE</th> <th>DRY BULB</th> <th>WET BULB</th> </tr> </thead> <tbody> <tr> <td>DT</td> <td>SD</td> <td>31</td> <td>S13</td> <td>176</td> <td>214</td> <td>170</td> <td>7</td> <td>54</td> <td></td> </tr> </tbody> </table>																			WATER		WIND		BARO- METER (mb)	AIR TEMP °C		VIS CODE	NO. OBS DEPTH	SPECIAL OBSERVATIONS	COLOR CODE	TEMP (°C)	DIR	SPEED OF FORCE	DRY BULB	WET BULB	DT	SD	31	S13	176	214	170	7	54	
WATER		WIND		BARO- METER (mb)	AIR TEMP °C		VIS CODE	NO. OBS DEPTH	SPECIAL OBSERVATIONS																																			
COLOR CODE	TEMP (°C)	DIR	SPEED OF FORCE		DRY BULB	WET BULB																																						
DT	SD	31	S13	176	214	170	7	54																																				
MESSAGE TIME HR 1/10	CASST NO.	CARD TYPE	DEPTH (m)	T °C	S ‰	SIGMA-t	SPECIFIC VOLUME AND WALSLEY-1972	SOUND VELOCITY (10 ³)	D ₂ (m/s)	PO ₄ -P (μg-at/l)	TOTAL-P (μg-at/l)	NO ₃ -N (μg-at/l)	NO ₂ -N (μg-at/l)	SiO ₄ -Si (μg-at/l)	PH	S C C																												
198		STD	0000	2179	3585	2494	0010234	0000	15279																																			
		OBS	0000	2179	3585	2494			15279																																			
		STD	0010	2178	3585	2494	0030245	0030	15280																																			
		OBS	0010	2178	3585	2494			15280																																			
		STD	0020	2177	3586	2495	0030183	0060	15282																																			
		OBS	0020	2177	3586	2495			15282																																			
		STD	0030	2115	3595	2519	0027932	0089	15268																																			
		OBS	0030	2115	3595	2519			15268																																			

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