

Molletus

Monthly Means of Temperature and Salinity in the Grand Banks Region

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IN THE GRAND BANKS REGION

by

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ABSTRACT

Drinkwater, K.F., and R.W. Trites. 1986. Monthly means of temperature and salinity in the Grand Banks region. Can. Tech. Rep. Fish. Aquat. Sci. 1450: iv + 111 p.

Monthly means of temperature and salinity for the Grand Banks of Newfoundland and contiguous areas are presented. Bottle data collected between 1910 and 1982 were divided into 38 subareas, linearly interpolated vertically to standard depths and averaged by month. Contours of the mean monthly surface temperature and salinity are shown. Plots of the two parameters over time and depth are also presented for selected subareas.

RESUME

Drinkwater, K.F., and R.W. Trites. 1986. Monthly means of temperature and salinity in the Grand Banks region. Can. Tech. Rep. Fish. Aquat. Sci. 1450: iv + 111 p.

Les auteurs présentent des moyennes mensuelles de température et de salinité pour les Grands Bancs de Terre-Neuve et les zones contiguës. Les données collectées au moyen de bouteilles entre 1910 et 1982 ont été réparties en 38 sous-secteurs, elles ont aussi été interpolées linéairement et verticalement à des profondeurs normalisées et des moyennes mensuelles ont été calculées. Des isolignes sont tracées pour la température et la salinité moyenne mensuelle à la surface de l'eau. Des reports graphiques des deux paramètres sont aussi donnés en fonction du temps et de la profondeur pour certains sous-secteurs.

INTRODUCTION

In recent years there has been an increasing demand for knowledge of the physical oceanography of the Grand Banks of Newfoundland region. This demand has resulted from exploration for offshore petroleum resources and the requirements for increased management of offshore fisheries resources. The present report contains information on the mean temperature and salinity characteristics on the Grand Banks and in surrounding areas. Previous studies of the mean water properties were principally based on bottle data collected at a single inshore station in Avalon Channel, known as Station 27, (Bailey 1961, Huyer and Verney 1975, Keeley 1981a) and on a small number of standard sections, (Keeley 1981b, Kollmeyer et al. 1965). Station 27 is located at $47^{\circ}33'N$, $52^{\circ}35'W$ approximately 4 km east of St. John's Harbour and has been occupied on a regular basis since the late 1940's. Monthly means of temperature and salinity have been published by Keeley (1981b) along $47^{\circ}N$ between $42^{\circ}W$ and $52^{\circ}W$ (the Flemish Cap Section) and by the International Ice Patrol of the U.S. Coast Guard (Kollmeyer et al. 1965) for the offshore branch of the Labrador Current off the eastern slope of the Grand Banks. Whereas these previous studies were site- or section-specific, this study presents spatially-averaged mean temperature and salinity conditions over the entire Grand Banks region using all available bottle data.

DATA AND ANALYSIS

Temperature and salinity data were obtained from the Marine Environmental Data Service in Ottawa. They consist of archived bottle data collected by various countries from 1910-1982, inclusive. Approximately 85% of the data were collected after 1950. Temperatures were measured using reversing thermometers and salinities were determined from bottle samples by titration

methods or, in later years, using salinometers. The data were first sorted into 38 subareas covering the Grand Banks, the Newfoundland Basin, Flemish Cap, southern Newfoundland shelf, northern Newfoundland shelf to the Strait of Belle Isle and offshore regions (Fig. 1). The latitudes and longitudes of the corners defining the subareas are listed in Table 1. The areas were chosen to encompass specific topographic features (e.g., banks, channels, continental slopes, basins) within which it was felt horizontal gradients of temperature and salinity may be weak. Extensive topographic features were further subdivided as in the case of the Grand Banks which contained four subareas (19-22).

After grouping the data by subarea all duplicate samples and those of questionable quality were eliminated. Further, only those stations containing measurements at three or more depths were retained. This left a total of over 17,500 stations with an average of 11 depths per station. The number of stations per subarea shows a skewed frequency distribution with the majority of subareas containing less than 300 stations (Fig. 2). The median number of stations per subarea was 250. The heaviest sampled region (greater than 1900 station per subarea) was over the continental slope of the eastern Grand Banks in the Offshore Labrador Current (subareas 12 and 14) and in the Newfoundland Basin (subarea 11). A total of 2,388 stations were occupied in the 4 subareas (19-22) covering the Grand Banks proper. The least sampled region was off the southern coast of Newfoundland where there were only 101 stations for subareas 34 through 37 combined. These are not enough to adequately define the monthly means of temperature and salinity with any degree of certainty. They are included in the report principally to point out the paucity of data.

The data collected throughout the region display a strong seasonal bias with 85% taken during the months April to August (Fig. 3). The winter months are generally undersampled with only 0.5% of the data collected in December and 1% in January.

After the initial quality checks, the station data, where necessary, were linearly interpolated to standard depths (16 between the surface and 1000m). Data were not extrapolated beyond their depth range. The data were then combined within each subarea and monthly means and standard deviations of temperature and salinity were calculated at the standard depths. The results together with the number of observations are listed in the Appendix. Salinities are reported as a ratio following the Practical Salinity Scale 1978 and in accordance with the International System of Units (SI units).

The standard deviations of temperature and salinity result from both spatial as well as temporal variability. Caution must therefore be exercised in future when interpreting deviations from the mean from single point measurements within a subarea.

No adjustments were made in the means to account for possible temporal or spatial aliasing. Temporal aliasing may occur if the majority of the data within a subarea were collected in a single year or not uniformly distributed through the month. Spatial aliasing may occur if most of the data were collected near a single location, along a specific transect or in a limited region within the subarea. A visual check of the data suggested that in general such aliasing is not a problem. It was noted, however, that most of the data for subarea 17 in the northern Avalon Channel were collected at Station 27.

Data from 10 subareas have been plotted to provide a graphical presentation. The subareas were chosen because they are representative of particular areas or oceanographic features and contain sufficient data to adequately define the seasonal cycles. The time-depth distribution of the mean temperature and salinity are shown for the selected subareas in Figure 4. Figure 5 displays the seasonal variation of the mean at selected depths. Finally,

the horizontal distribution of the mean surface temperature and salinity by month appears in Figure 6.

ACKNOWLEDGEMENTS

We thank G. Coughtry, G. Horne and R. Inkpen for their assistance in this study. The majority of the analysis was undertaken through a contract with Wycove Systems Limited and supported by funds from the Office of Energy and Research Development (OERD) of the Department of Energy, Mines and Resources.

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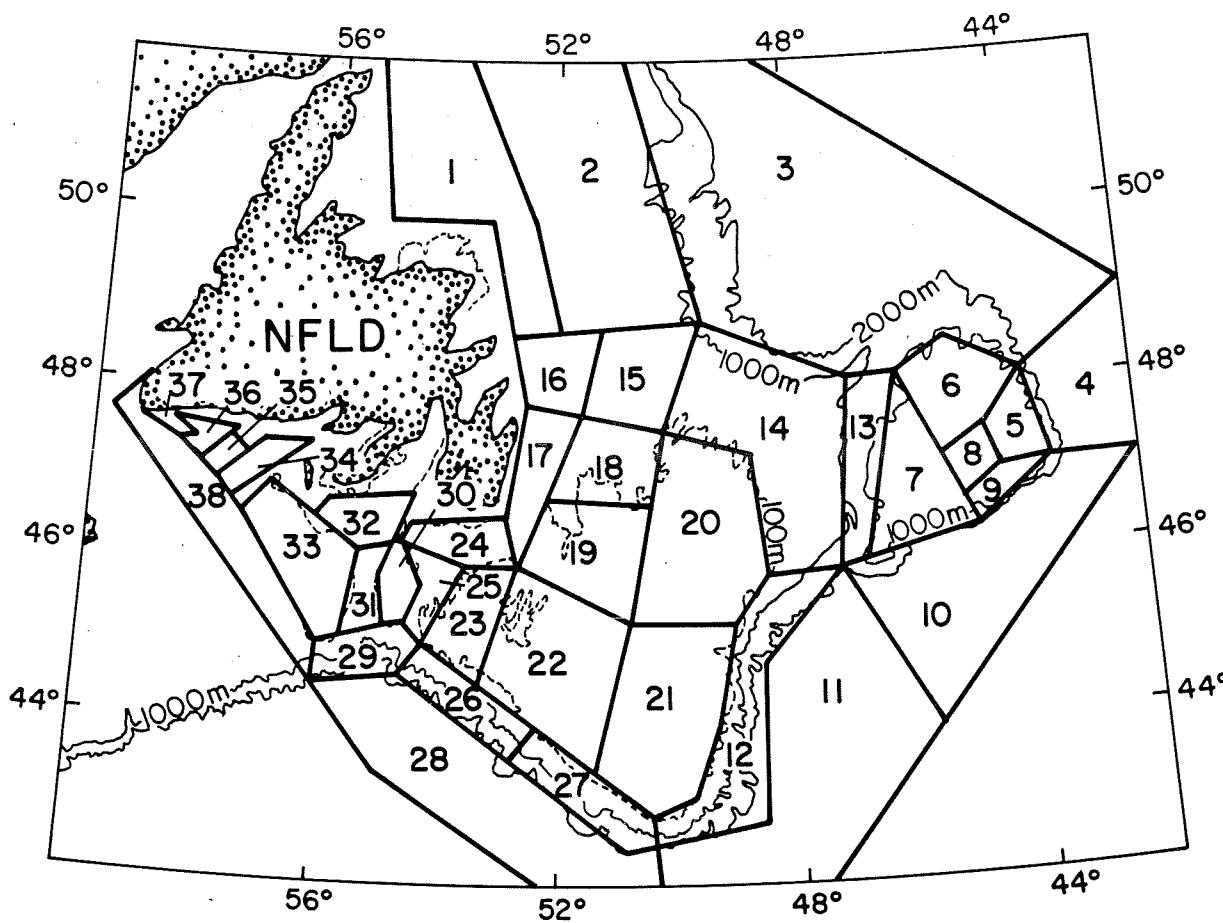
Table 1.

The latitude and longitude of the corners defining the subareas shown in Figure 1.

Subarea	Latitude ($^{\circ}$ N), Longitude ($^{\circ}$ W)
1	52 $^{\circ}$, 55.25 $^{\circ}$; 52 $^{\circ}$, 53.82 $^{\circ}$; 50 $^{\circ}$, 52.41 $^{\circ}$; 48.68 $^{\circ}$, 51.95 $^{\circ}$; 48.63 $^{\circ}$, 52.78 $^{\circ}$; 50 $^{\circ}$, 53.2 $^{\circ}$; 50 $^{\circ}$, 55 $^{\circ}$
2	52 $^{\circ}$, 53.82 $^{\circ}$; 52 $^{\circ}$, 50.56 $^{\circ}$; 50 $^{\circ}$, 49.97 $^{\circ}$; 48.79 $^{\circ}$, 49.48 $^{\circ}$; 48.70 $^{\circ}$, 51.23 $^{\circ}$; 48.68 $^{\circ}$, 51.95 $^{\circ}$; 50 $^{\circ}$, 52.41 $^{\circ}$
3	52 $^{\circ}$, 50.56 $^{\circ}$; 52 $^{\circ}$, 49 $^{\circ}$; 49 $^{\circ}$, 42 $^{\circ}$; 48.07 $^{\circ}$, 43.9 $^{\circ}$; 48.5 $^{\circ}$, 45.2 $^{\circ}$; 48.12 $^{\circ}$, 46.1 $^{\circ}$; 48.1 $^{\circ}$, 46.95 $^{\circ}$; 48.79 $^{\circ}$, 49.48 $^{\circ}$; 50 $^{\circ}$, 49.97 $^{\circ}$
4	48.07 $^{\circ}$, 43.9 $^{\circ}$; 49 $^{\circ}$, 42 $^{\circ}$; 47 $^{\circ}$, 42 $^{\circ}$; 46.98 $^{\circ}$, 43.48 $^{\circ}$
5	47.46 $^{\circ}$, 44.6 $^{\circ}$; 48.07 $^{\circ}$, 43.9 $^{\circ}$; 46.98 $^{\circ}$, 43.48 $^{\circ}$; 46.93 $^{\circ}$, 44.36 $^{\circ}$
6	48.12 $^{\circ}$, 46.1 $^{\circ}$; 48.5 $^{\circ}$, 45.2 $^{\circ}$; 48.07 $^{\circ}$, 43.9 $^{\circ}$; 47.46 $^{\circ}$, 44.6 $^{\circ}$; 47.13 $^{\circ}$, 45.35 $^{\circ}$
7	48.12 $^{\circ}$, 46.1 $^{\circ}$; 47.13 $^{\circ}$, 45.35 $^{\circ}$; 46.6 $^{\circ}$, 45.01 $^{\circ}$; 46.29 $^{\circ}$, 44.76 $^{\circ}$; 45.92 $^{\circ}$, 46.71 $^{\circ}$
8	47.13 $^{\circ}$, 45.35 $^{\circ}$; 47.46 $^{\circ}$, 44.6 $^{\circ}$; 46.93 $^{\circ}$, 44.36 $^{\circ}$; 46.6 $^{\circ}$, 45.01 $^{\circ}$
9	46.93 $^{\circ}$, 44.36 $^{\circ}$; 46.98 $^{\circ}$, 43.48 $^{\circ}$; 46.29 $^{\circ}$, 44.76 $^{\circ}$; 46.6 $^{\circ}$, 45.01 $^{\circ}$
10	45.83 $^{\circ}$, 47.21 $^{\circ}$; 45.92 $^{\circ}$, 46.71 $^{\circ}$; 46.29 $^{\circ}$, 44.76 $^{\circ}$; 46.98 $^{\circ}$, 43.48 $^{\circ}$; 47 $^{\circ}$, 42 $^{\circ}$; 43.95 $^{\circ}$, 45.65 $^{\circ}$
11	45.83 $^{\circ}$, 47.21 $^{\circ}$; 43.95 $^{\circ}$, 45.65 $^{\circ}$; 42 $^{\circ}$, 47.7 $^{\circ}$; 42 $^{\circ}$, 50.26 $^{\circ}$; 42.62 $^{\circ}$, 50.35 $^{\circ}$; 42.85 $^{\circ}$, 48.55 $^{\circ}$; 44.76 $^{\circ}$, 48.52 $^{\circ}$
12	45.79 $^{\circ}$, 48.45 $^{\circ}$; 45.83 $^{\circ}$, 47.21 $^{\circ}$; 44.76 $^{\circ}$, 48.52 $^{\circ}$; 42.85 $^{\circ}$, 48.55 $^{\circ}$; 42.62 $^{\circ}$, 50.35 $^{\circ}$; 42.97 $^{\circ}$, 50.42 $^{\circ}$; 43.18 $^{\circ}$, 49.72 $^{\circ}$; 45.21 $^{\circ}$, 49 $^{\circ}$
13	48.1 $^{\circ}$, 46.95 $^{\circ}$; 48.12 $^{\circ}$, 46.1 $^{\circ}$; 45.92 $^{\circ}$, 46.71 $^{\circ}$; 45.83 $^{\circ}$, 47.21 $^{\circ}$

Subarea	Latitude ($^{\circ}$ N), Longitude ($^{\circ}$ W)
14	48.79 $^{\circ}$, 49.48 $^{\circ}$; 48.1 $^{\circ}$, 46.95 $^{\circ}$; 45.83 $^{\circ}$, 47.21 $^{\circ}$; 45.79 $^{\circ}$, 48.45 $^{\circ}$; 47.24 $^{\circ}$, 48.69 $^{\circ}$; 47.51 $^{\circ}$, 50.18 $^{\circ}$
15	48.7 $^{\circ}$, 51.23 $^{\circ}$; 48.79 $^{\circ}$, 49.48 $^{\circ}$; 47.51 $^{\circ}$, 50.18 $^{\circ}$; 47.71 $^{\circ}$, 51.58 $^{\circ}$
16	48.63 $^{\circ}$, 52.78 $^{\circ}$; 48.70 $^{\circ}$, 51.23 $^{\circ}$; 47.71 $^{\circ}$, 51.58 $^{\circ}$; 47.83 $^{\circ}$, 52.55 $^{\circ}$
17	47.83 $^{\circ}$, 52.55 $^{\circ}$; 47.71 $^{\circ}$, 51.58 $^{\circ}$; 46.7 $^{\circ}$, 52.2 $^{\circ}$; 45.91 $^{\circ}$, 52.68 $^{\circ}$; 46.51 $^{\circ}$, 52.88 $^{\circ}$
18	47.71 $^{\circ}$, 51.58 $^{\circ}$; 47.51 $^{\circ}$, 50.18 $^{\circ}$; 46.64 $^{\circ}$, 50.41 $^{\circ}$; 46.7 $^{\circ}$, 52.2 $^{\circ}$
19	46.7 $^{\circ}$, 52.2 $^{\circ}$; 46.64 $^{\circ}$, 50.41 $^{\circ}$; 45.24 $^{\circ}$, 50.76 $^{\circ}$; 45.91 $^{\circ}$, 52.68 $^{\circ}$
20	47.51 $^{\circ}$, 50.18 $^{\circ}$; 47.24 $^{\circ}$, 48.69 $^{\circ}$; 45.79 $^{\circ}$, 48.45 $^{\circ}$; 45.21 $^{\circ}$, 49 $^{\circ}$; 45.24 $^{\circ}$, 50.76 $^{\circ}$; 46.64 $^{\circ}$, 50.41 $^{\circ}$
21	45.24 $^{\circ}$, 50.76 $^{\circ}$; 45.21 $^{\circ}$, 49 $^{\circ}$; 43.18 $^{\circ}$, 49.72 $^{\circ}$; 42.97 $^{\circ}$, 50.42 $^{\circ}$; 43.49 $^{\circ}$, 51.36 $^{\circ}$
22	45.91 $^{\circ}$, 52.68 $^{\circ}$; 45.24 $^{\circ}$, 50.76 $^{\circ}$; 43.49 $^{\circ}$, 51.36 $^{\circ}$; 44.53 $^{\circ}$, 53.31 $^{\circ}$
23	45.92 $^{\circ}$, 53.59 $^{\circ}$; 45.91 $^{\circ}$, 52.68 $^{\circ}$; 44.53 $^{\circ}$, 53.31 $^{\circ}$; 45 $^{\circ}$, 54.26 $^{\circ}$
24	46.43 $^{\circ}$, 54.5 $^{\circ}$; 46.51 $^{\circ}$, 52.88 $^{\circ}$; 45.91 $^{\circ}$, 52.68 $^{\circ}$; 45.92 $^{\circ}$, 53.59 $^{\circ}$; 46.2 $^{\circ}$, 54.67 $^{\circ}$
25	46.19 $^{\circ}$, 54.57 $^{\circ}$; 45.92 $^{\circ}$, 53.59 $^{\circ}$; 45 $^{\circ}$, 54.26 $^{\circ}$; 45.26 $^{\circ}$, 54.57 $^{\circ}$; 45.72 $^{\circ}$, 54.29 $^{\circ}$
26	45 $^{\circ}$, 54.26 $^{\circ}$; 44.53 $^{\circ}$, 53.31 $^{\circ}$; 44.02 $^{\circ}$, 52.35 $^{\circ}$; 43.63 $^{\circ}$, 52.77 $^{\circ}$; 44.63 $^{\circ}$, 54.65 $^{\circ}$
27	44.02 $^{\circ}$, 52.35 $^{\circ}$; 43.49 $^{\circ}$, 51.36 $^{\circ}$; 42.97 $^{\circ}$, 50.42 $^{\circ}$; 42.62 $^{\circ}$, 50.35 $^{\circ}$; 42.55 $^{\circ}$, 50.82 $^{\circ}$; 43.63 $^{\circ}$, 52.77 $^{\circ}$
28	44.51 $^{\circ}$, 56.09 $^{\circ}$; 44.63 $^{\circ}$, 54.65 $^{\circ}$; 43.63 $^{\circ}$, 52.77 $^{\circ}$; 42.55 $^{\circ}$, 50.82 $^{\circ}$; 42.62 $^{\circ}$, 50.35 $^{\circ}$; 42 $^{\circ}$, 50.26 $^{\circ}$; 42 $^{\circ}$, 52 $^{\circ}$; 43.51 $^{\circ}$, 55 $^{\circ}$

Subarea	Latitude ($^{\circ}$ N), Longitude ($^{\circ}$ W)
29	45 $^{\circ}$, 56.02 $^{\circ}$; 45.08 $^{\circ}$, 55.62 $^{\circ}$; 45.2 $^{\circ}$, 54.92 $^{\circ}$; 45.26 $^{\circ}$, 54.57 $^{\circ}$; 45 $^{\circ}$, 54.26 $^{\circ}$; 44.63 $^{\circ}$, 54.65 $^{\circ}$; 44.51 $^{\circ}$, 56.09 $^{\circ}$
30	46.2 $^{\circ}$, 54.78 $^{\circ}$; 46.19 $^{\circ}$, 54.57 $^{\circ}$; 45.72 $^{\circ}$, 54.29 $^{\circ}$; 45.26 $^{\circ}$, 54.57 $^{\circ}$; 45.2 $^{\circ}$, 54.92 $^{\circ}$; 45.81 $^{\circ}$, 55.02 $^{\circ}$
31	46.1 $^{\circ}$, 55.39 $^{\circ}$; 46.2 $^{\circ}$, 54.78 $^{\circ}$; 45.81 $^{\circ}$, 55.02 $^{\circ}$; 45.2 $^{\circ}$, 54.92 $^{\circ}$; 45.08 $^{\circ}$, 55.62 $^{\circ}$
32	46.7 $^{\circ}$, 55.87 $^{\circ}$; 46.79 $^{\circ}$, 54.44 $^{\circ}$; 46.2 $^{\circ}$, 54.78 $^{\circ}$; 46.1 $^{\circ}$, 55.39 $^{\circ}$; 46.58 $^{\circ}$, 56.15 $^{\circ}$
33	46.84 $^{\circ}$, 56.9 $^{\circ}$; 46.58 $^{\circ}$, 56.15 $^{\circ}$; 46.1 $^{\circ}$, 55.39 $^{\circ}$; 45.08 $^{\circ}$, 55.62 $^{\circ}$; 45 $^{\circ}$, 56.02 $^{\circ}$; 46.49 $^{\circ}$, 57.38 $^{\circ}$
34	47.37 $^{\circ}$, 57.02 $^{\circ}$; 47.35 $^{\circ}$, 56.3 $^{\circ}$; 46.54 $^{\circ}$, 57.55 $^{\circ}$; 46.9 $^{\circ}$, 57.85 $^{\circ}$; 47.21 $^{\circ}$, 57.3 $^{\circ}$
35	47.41 $^{\circ}$, 57.6 $^{\circ}$; 47.21 $^{\circ}$, 57.3 $^{\circ}$; 46.9 $^{\circ}$, 57.85 $^{\circ}$; 47.08 $^{\circ}$, 58.12 $^{\circ}$
36	47.57 $^{\circ}$, 58.67 $^{\circ}$; 47.48 $^{\circ}$, 57.5 $^{\circ}$; 47.41 $^{\circ}$, 57.6 $^{\circ}$; 47.08 $^{\circ}$, 58.12 $^{\circ}$; 47.3 $^{\circ}$, 58.46 $^{\circ}$; 47.35 $^{\circ}$, 58.2 $^{\circ}$
37	47.53 $^{\circ}$, 59.15 $^{\circ}$; 47.57 $^{\circ}$, 58.67 $^{\circ}$; 47.35 $^{\circ}$, 58.2 $^{\circ}$; 47.3 $^{\circ}$, 58.46 $^{\circ}$
38	47.65 $^{\circ}$, 59.75 $^{\circ}$; 47.89 $^{\circ}$, 59.41 $^{\circ}$; 47.53 $^{\circ}$, 59.15 $^{\circ}$; 47.3 $^{\circ}$, 58.46 $^{\circ}$; 47.08 $^{\circ}$, 58.12 $^{\circ}$; 46.9 $^{\circ}$, 57.85 $^{\circ}$; 46.54 $^{\circ}$, 57.55 $^{\circ}$; 46.49 $^{\circ}$, 57.38 $^{\circ}$; 45 $^{\circ}$, 56.02 $^{\circ}$; 44.51 $^{\circ}$, 56.09 $^{\circ}$



- | | | | |
|----|------------------------------------|----|-------------------------|
| 1 | N.E. NEWFOUNDLAND SHELF (INSHORE) | 20 | NORTHEASTERN GRAND BANK |
| 2 | N.E. NEWFOUNDLAND SHELF (OFFSHORE) | 21 | SOUTHEASTERN GRAND BANK |
| 3 | LABRADOR BASIN | 22 | SOUTHWESTERN GRAND BANK |
| 4 | EASTERN OFFSHORE | 23 | WHALE BANK |
| 5 | FLEMISH CAP (EASTERN SLOPE) | 24 | SOUTHERN AVALON CHANNEL |
| 6 | FLEMISH CAP (NORTHERN SLOPE) | 25 | HADDOCK CHANNEL |
| 7 | FLEMISH CAP (WESTERN SLOPE) | 26 | SOUTHWESTERN SLOPE |
| 8 | CENTRAL FLEMISH CAP | 27 | SOUTHERN SLOPE |
| 9 | FLEMISH CAP (SOUTHERN SLOPE) | 28 | SOUTHERN OFFSHORE |
| 10 | NORTHERN NEWFOUNDLAND BASIN | 29 | HALIBUT CHANNEL SLOPE |
| 11 | SOUTHWESTERN NEWFOUNDLAND BASIN | 30 | GREEN BANK |
| 12 | EASTERN SLOPE | 31 | HALIBUT CHANNEL |
| 13 | FLEMISH PASS | 32 | ST. PIERRE CHANNEL |
| 14 | NORTH EASTERN SLOPE | 33 | ST. PIERRE BANK |
| 15 | NORTHERN SLOPE | 34 | HERMITAGE CHANNEL |
| 16 | BACCALIU | 35 | BURGEO BANK |
| 17 | NORTHERN AVALON CHANNEL | 36 | BURGEO CHANNEL |
| 18 | NORTHEASTERN AVALON CHANNEL | 37 | ROSE BLANCHE BANK |
| 19 | NORTHWESTERN GRAND BANK | 38 | LAURENTIAN CHANNEL |

Fig. 1. The Grand Banks of Newfoundland and adjacent regions showing the subareas for which mean temperature and salinity were calculated.

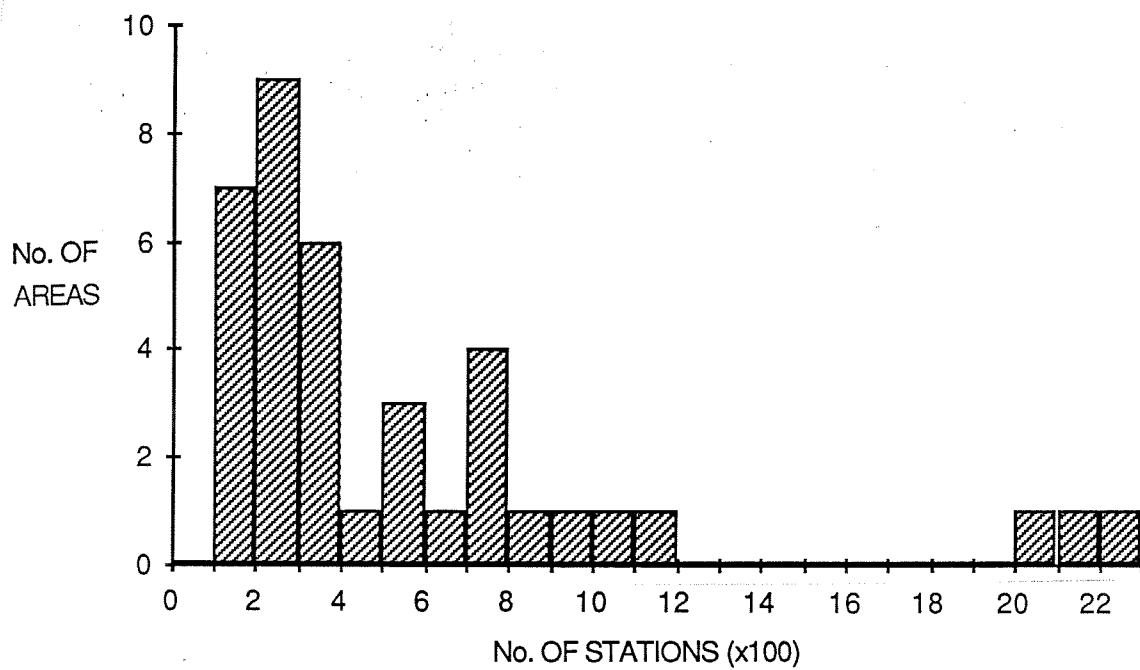


Fig. 2 A histogram of the number of stations per subarea.

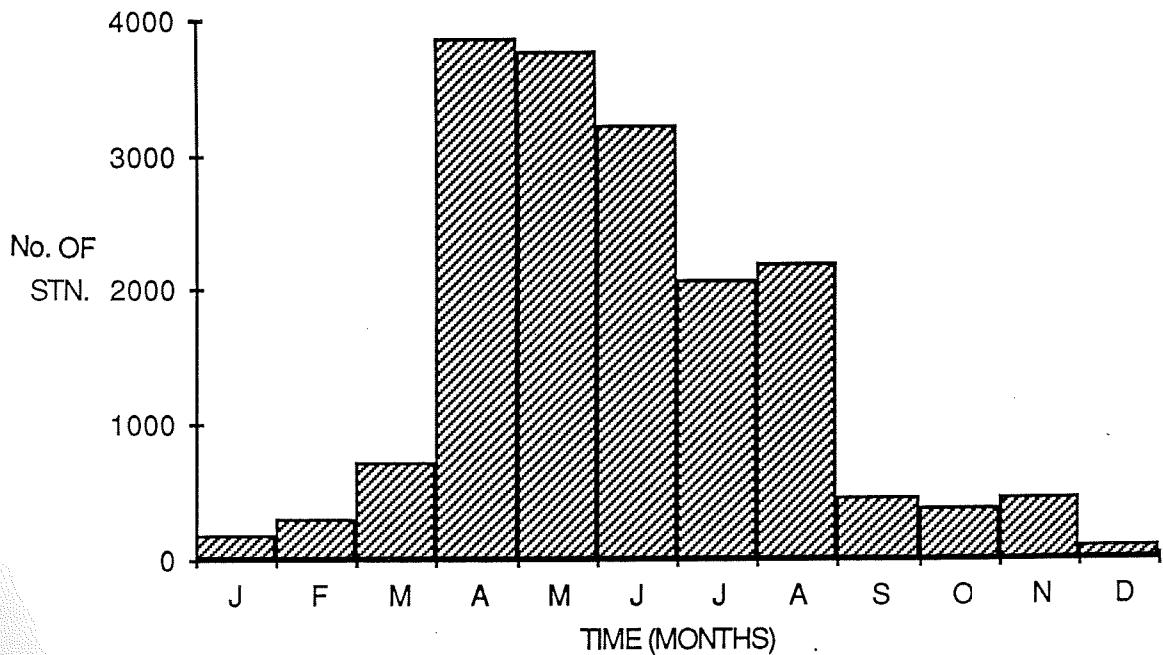


Fig. 3 A histogram of the total number of stations by month.

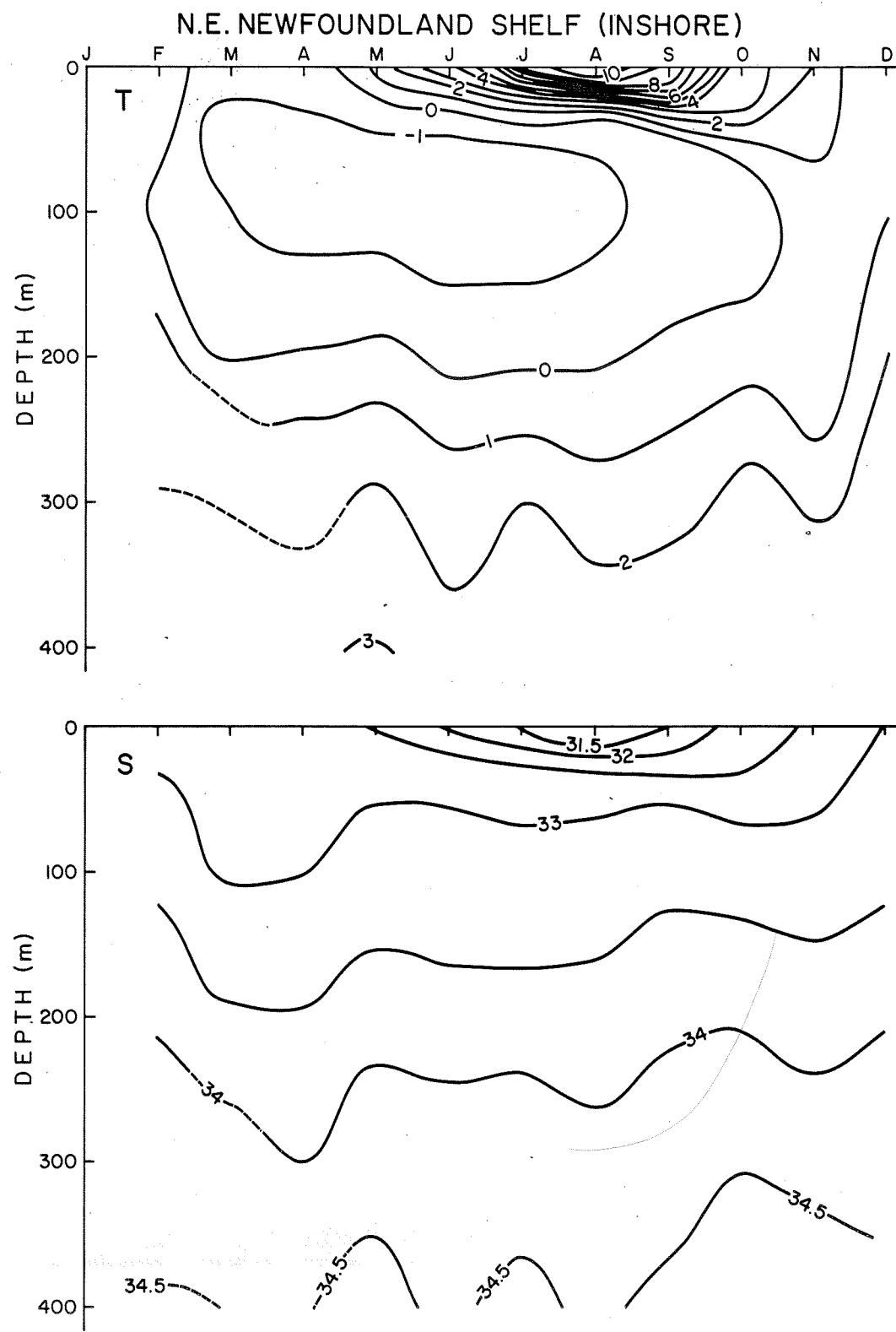


Fig. 4a The vertical distribution of the monthly mean temperature and salinity for subarea 1, the northeastern Newfoundland Shelf (inshore).

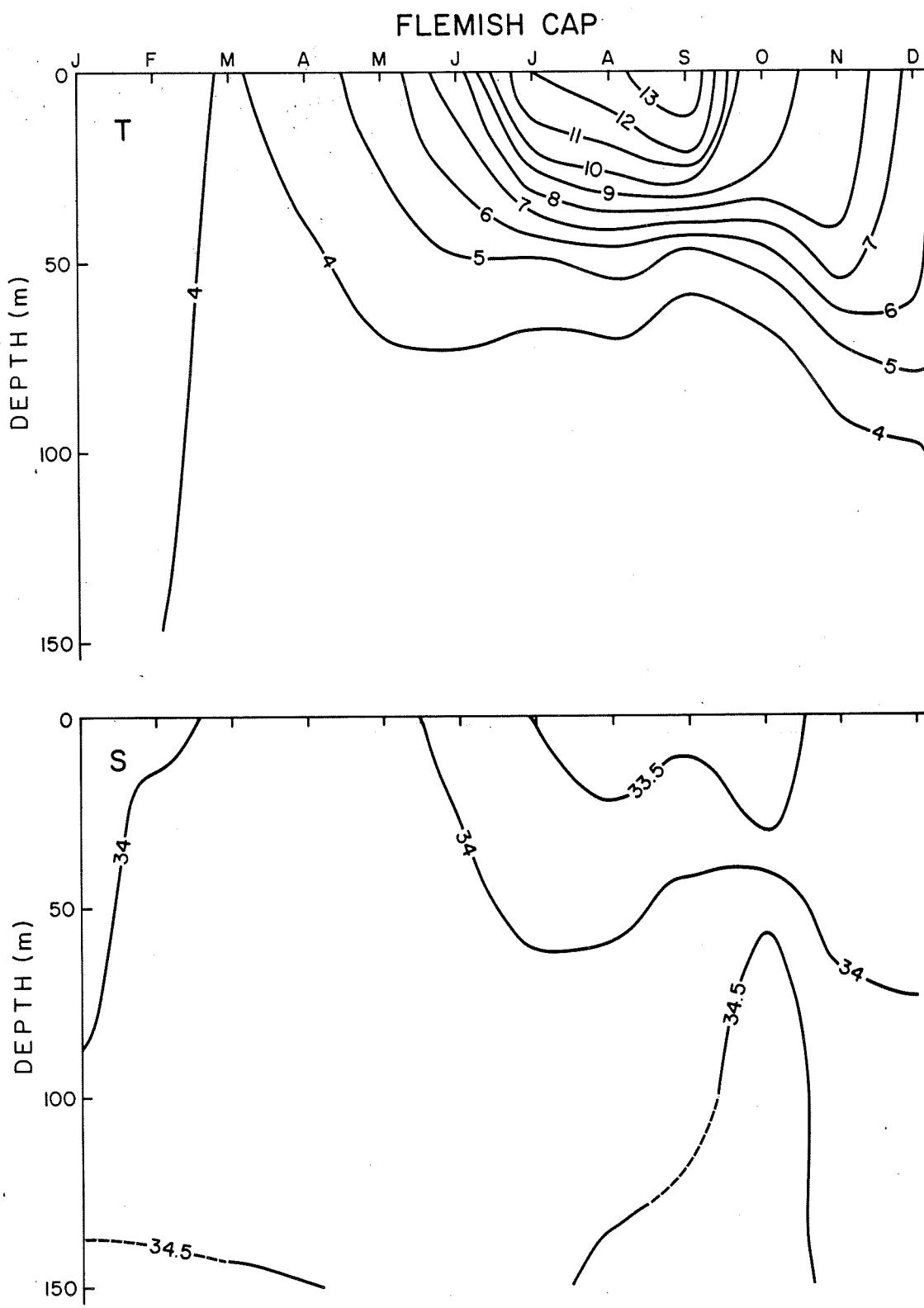


Fig. 4b The vertical distribution of the monthly mean temperature and salinity for subarea 8, central Flemish Cap.

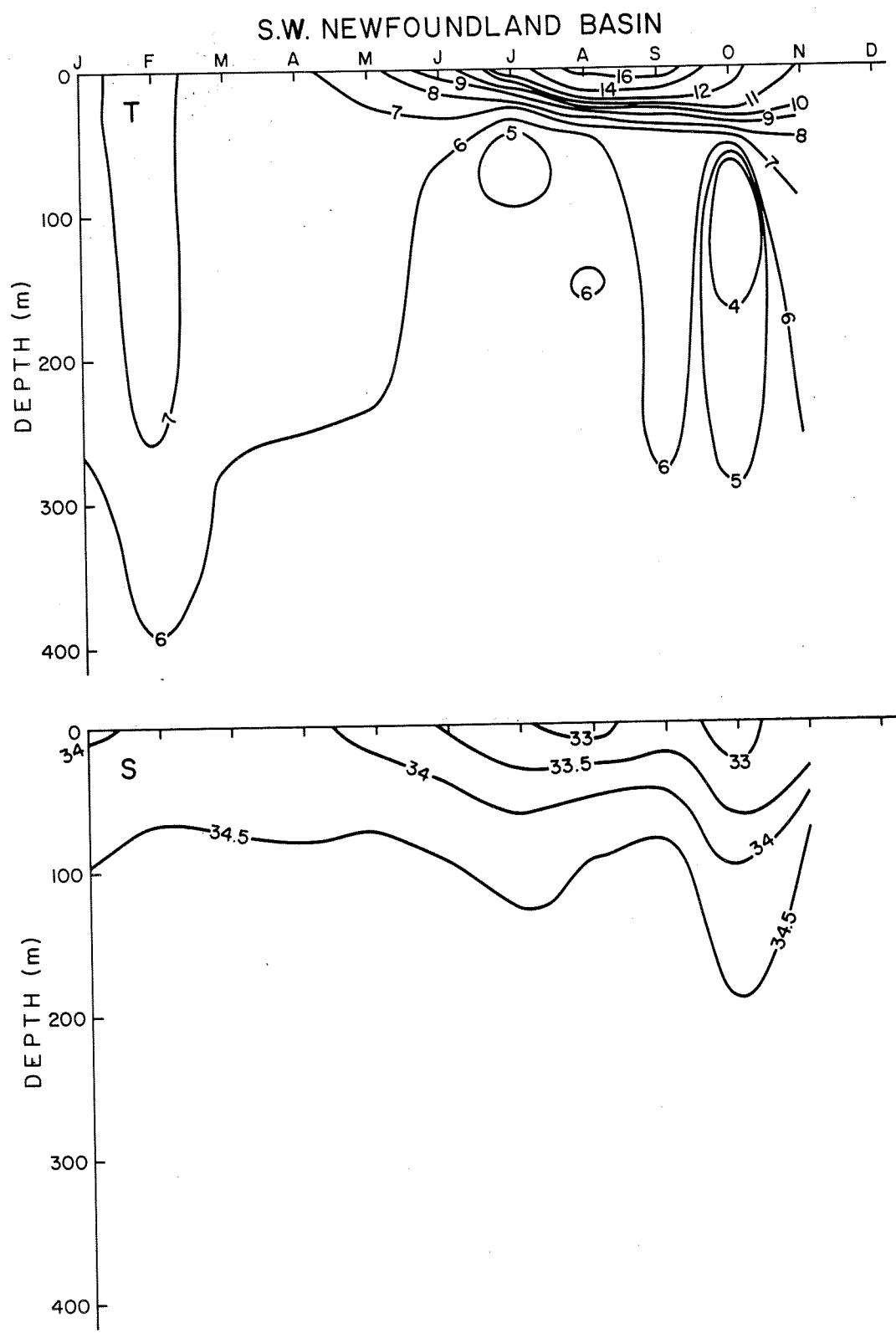


Fig. 4c The vertical distribution of the monthly mean temperature and salinity for subarea 11, the southwestern Newfoundland Basin.

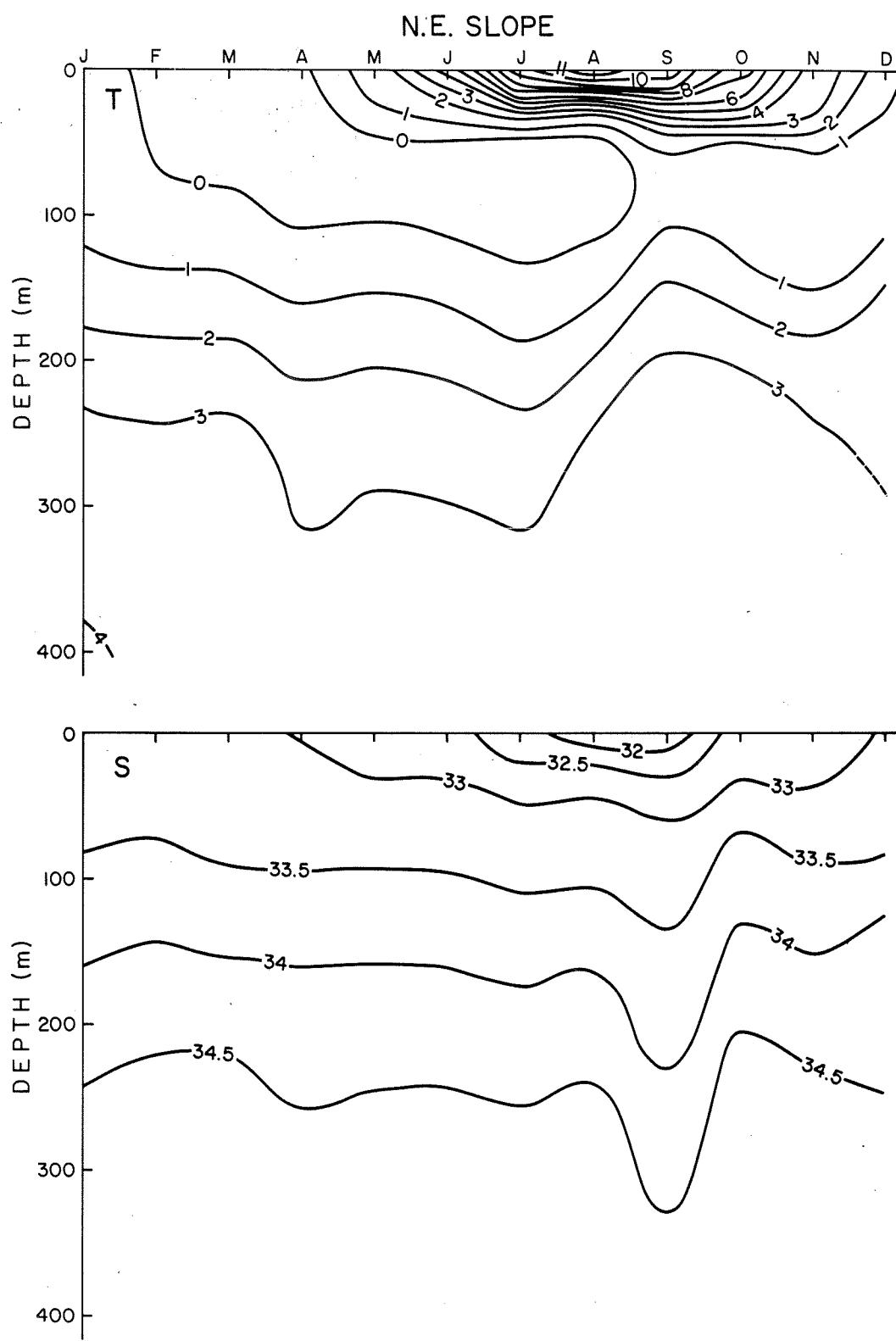


Fig. 4d The vertical distribution of the monthly mean temperature and salinity for subarea 14, the northeastern slope.

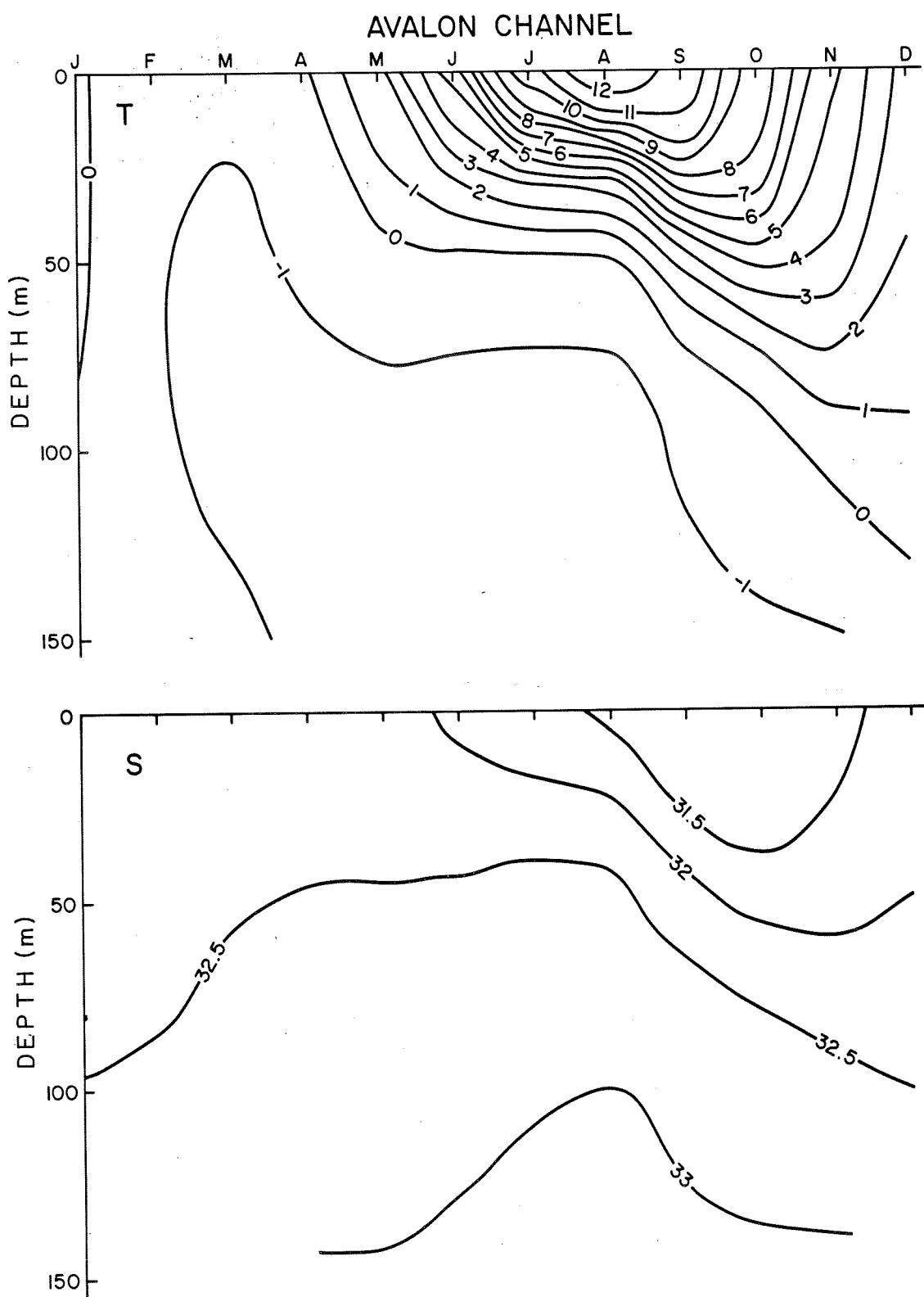


Fig. 4e The vertical distribution of the monthly mean temperature and salinity for subarea 17, the northern Avalon Channel.

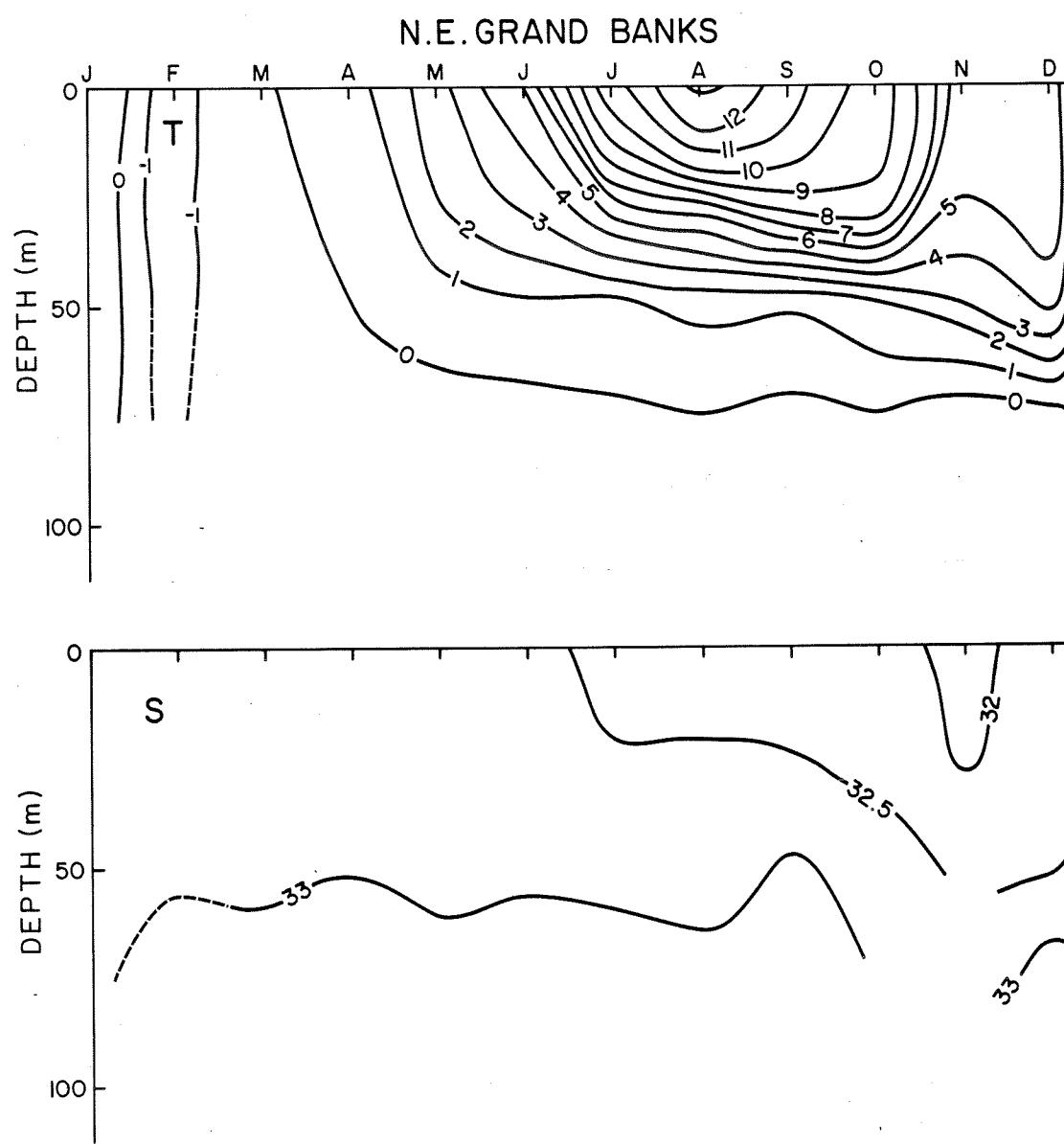


Fig. 4f The vertical distribution of the monthly mean temperature and salinity for subarea 20, the northeastern Grand Bank.

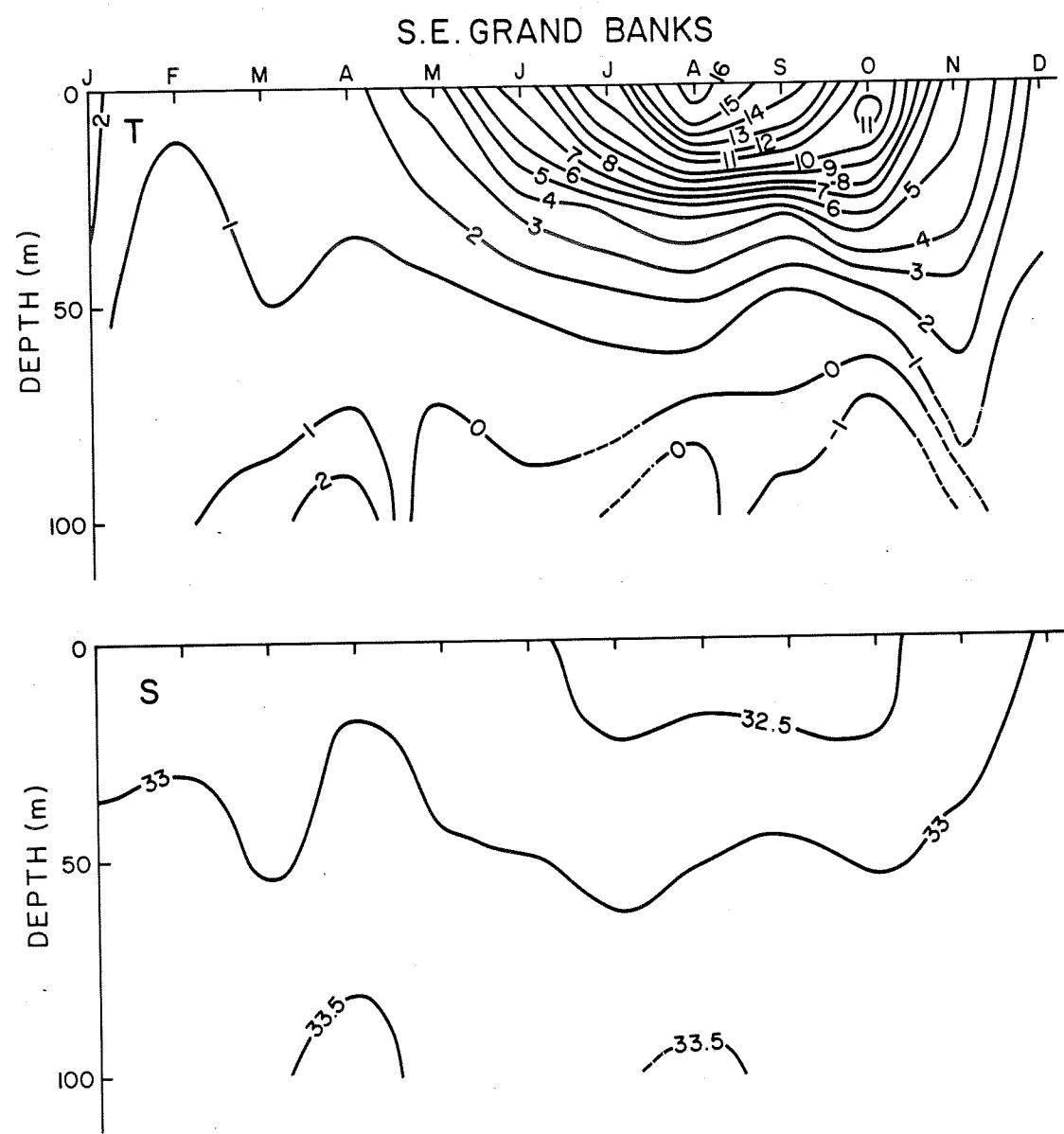


Fig. 4g The vertical distribution of the monthly mean temperature and salinity for subarea 21, the southeastern Grand Bank.

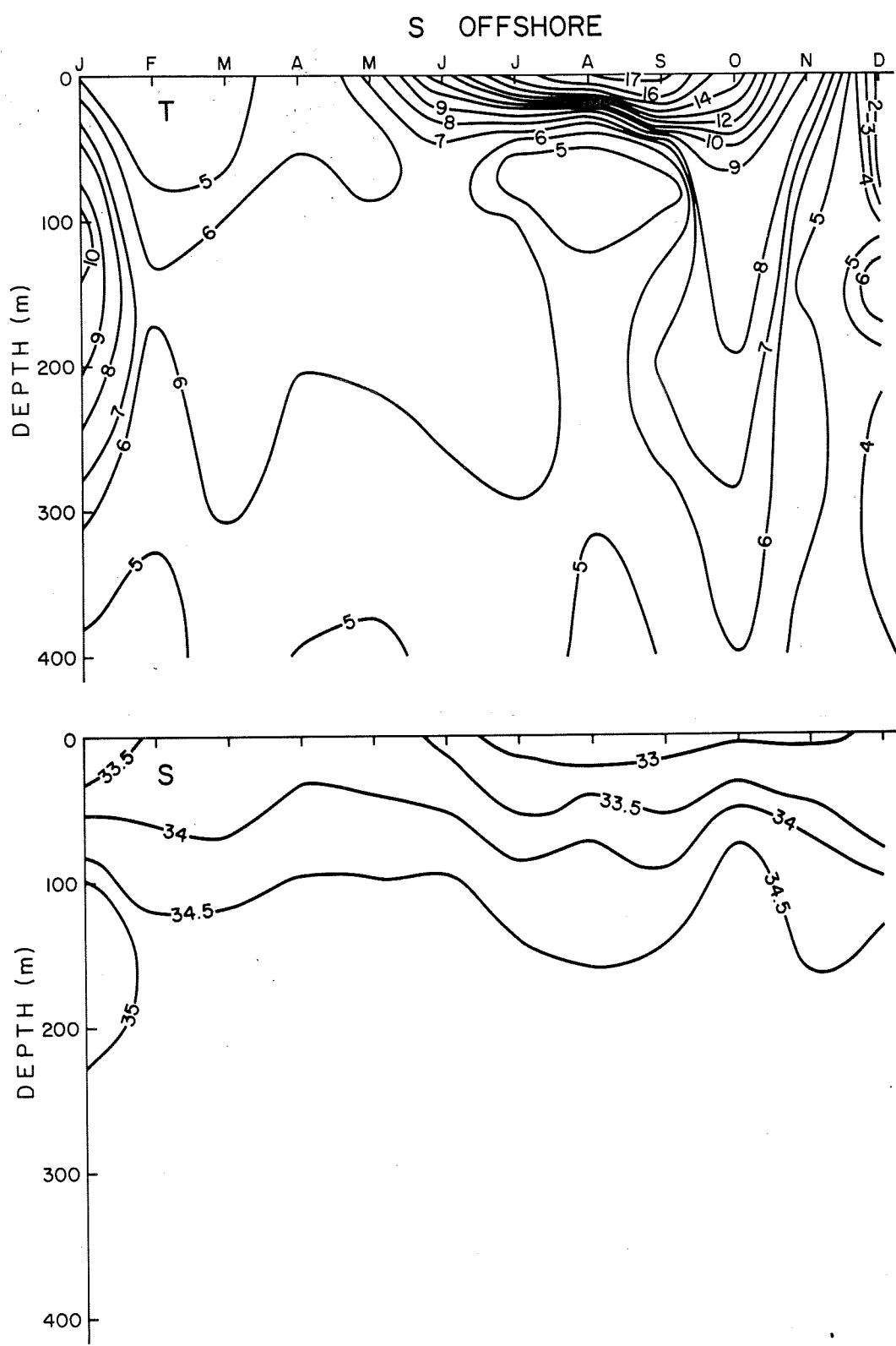


Fig. 4h The vertical distribution of the monthly mean temperature and salinity for subarea 28, the southern offshore.

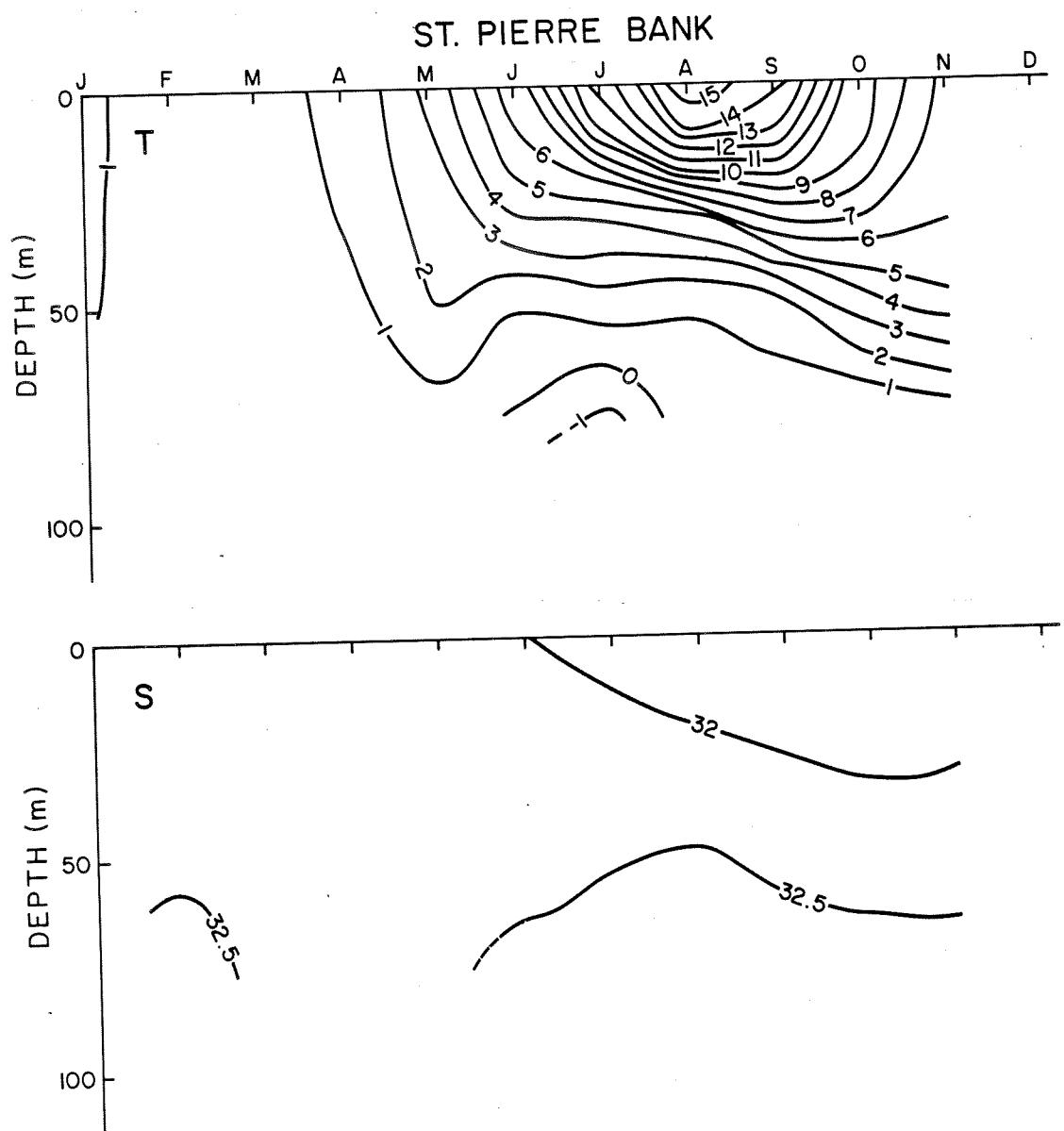


Fig. 4i The vertical distribution of the monthly mean temperature and salinity for subarea 33, St. Pierre Bank.

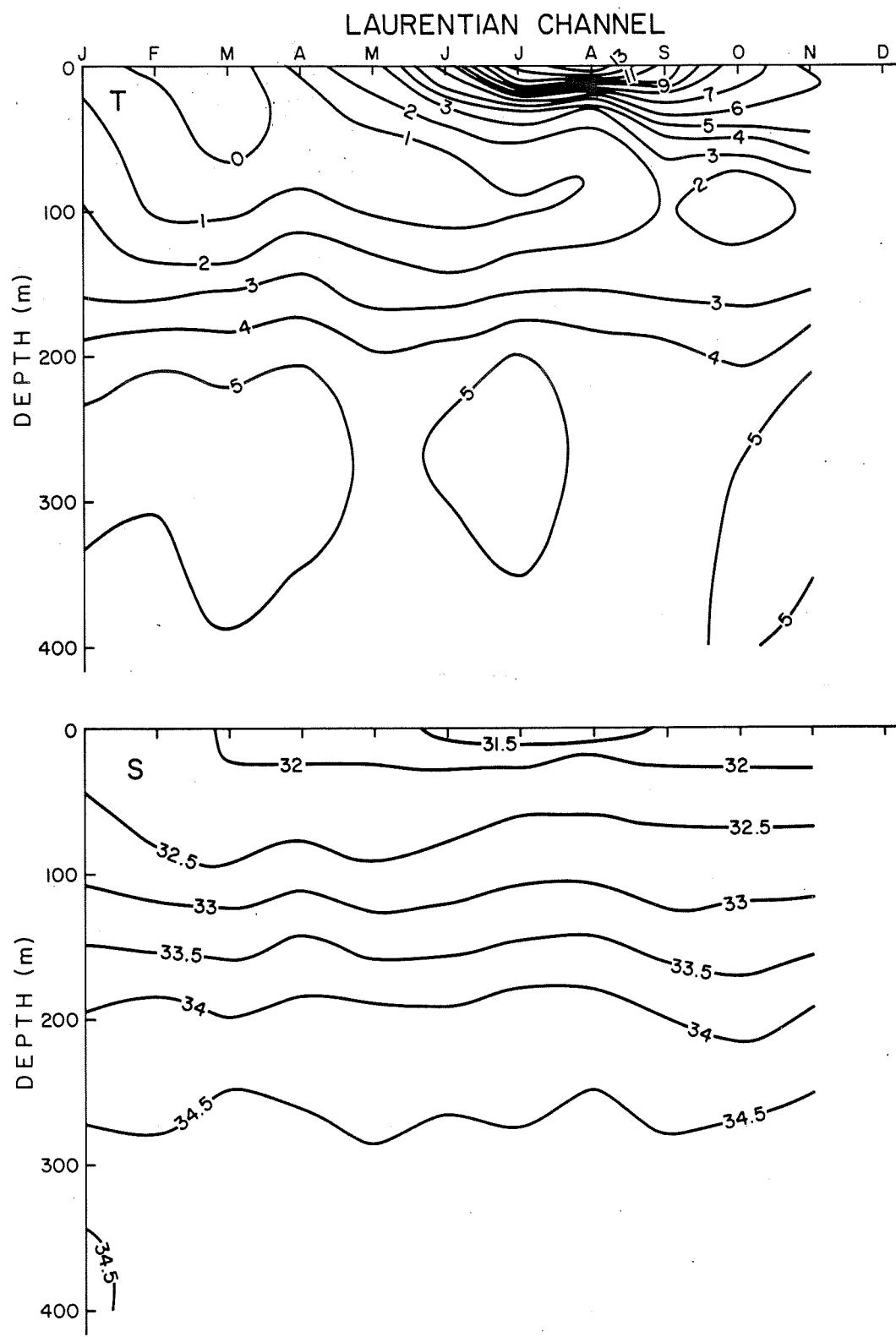


Fig. 4j The vertical distribution of the monthly mean temperature and salinity for subarea 38, the Laurentian Channel.

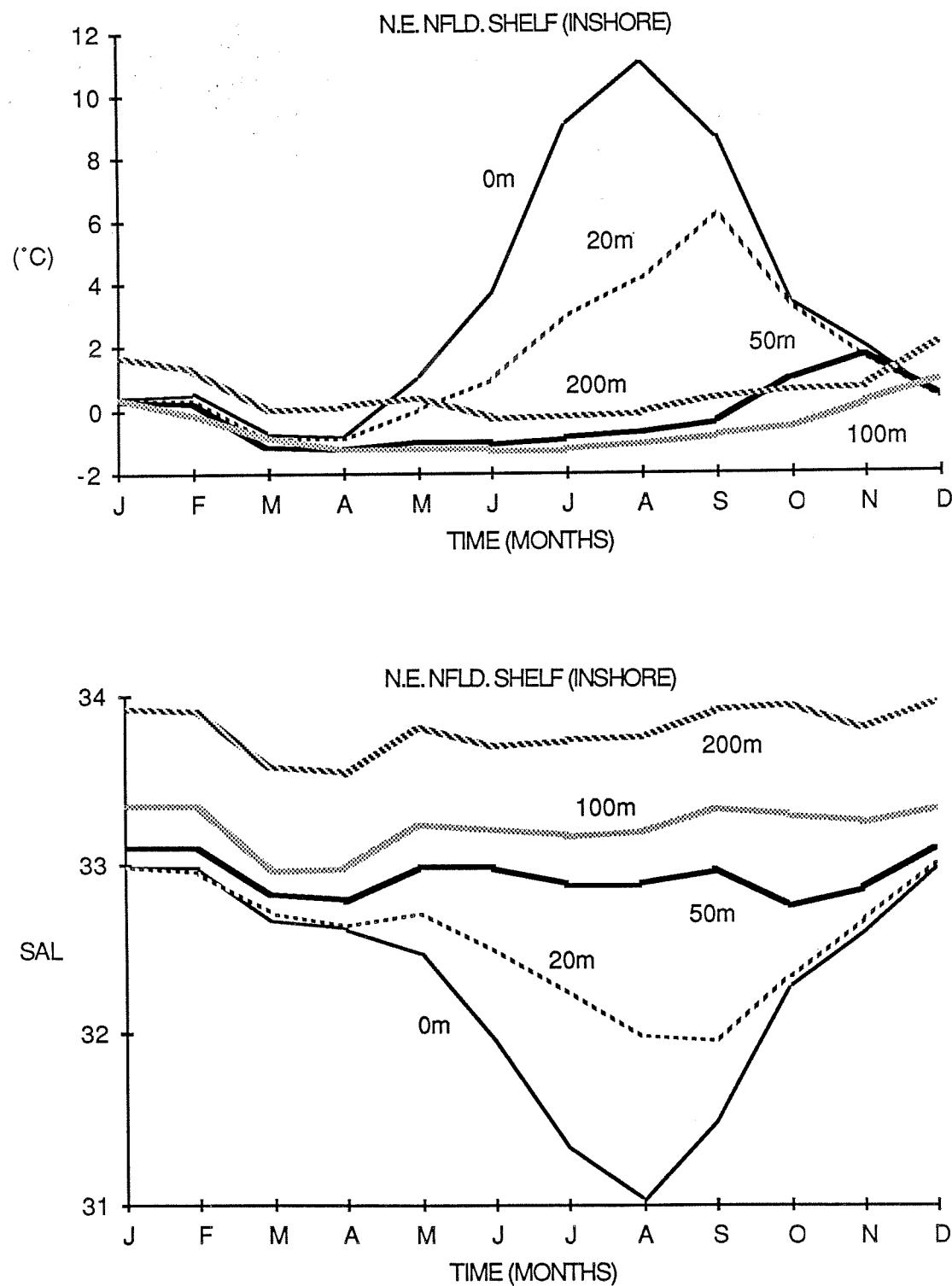


Fig. 5a The seasonal variations of the monthly mean temperature and salinity for subarea 1, the northeastern Newfoundland Shelf (inshore).

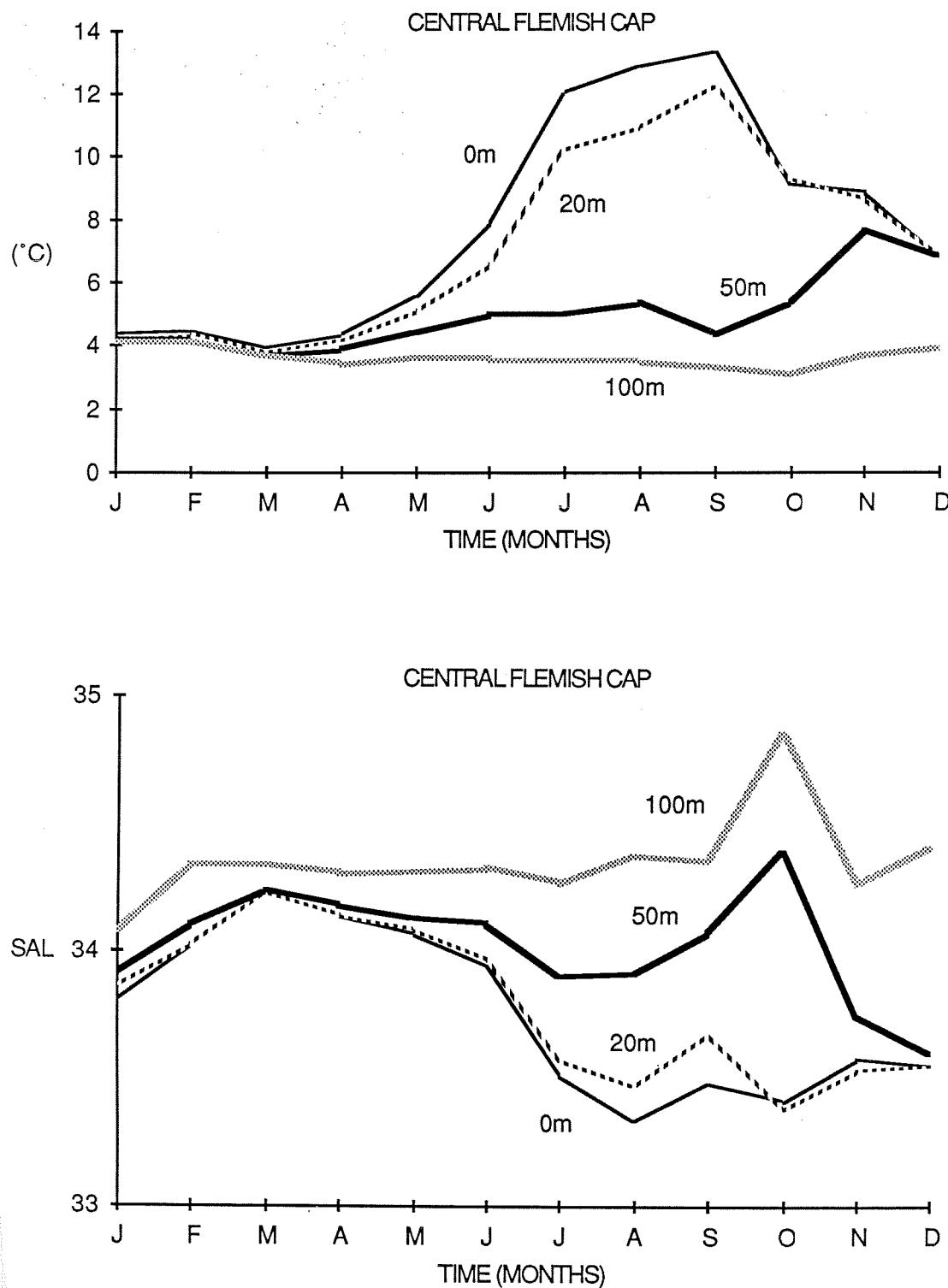


Fig. 5b The seasonal variations of the monthly mean temperature and salinity for subarea 8, central Flemish Cap.

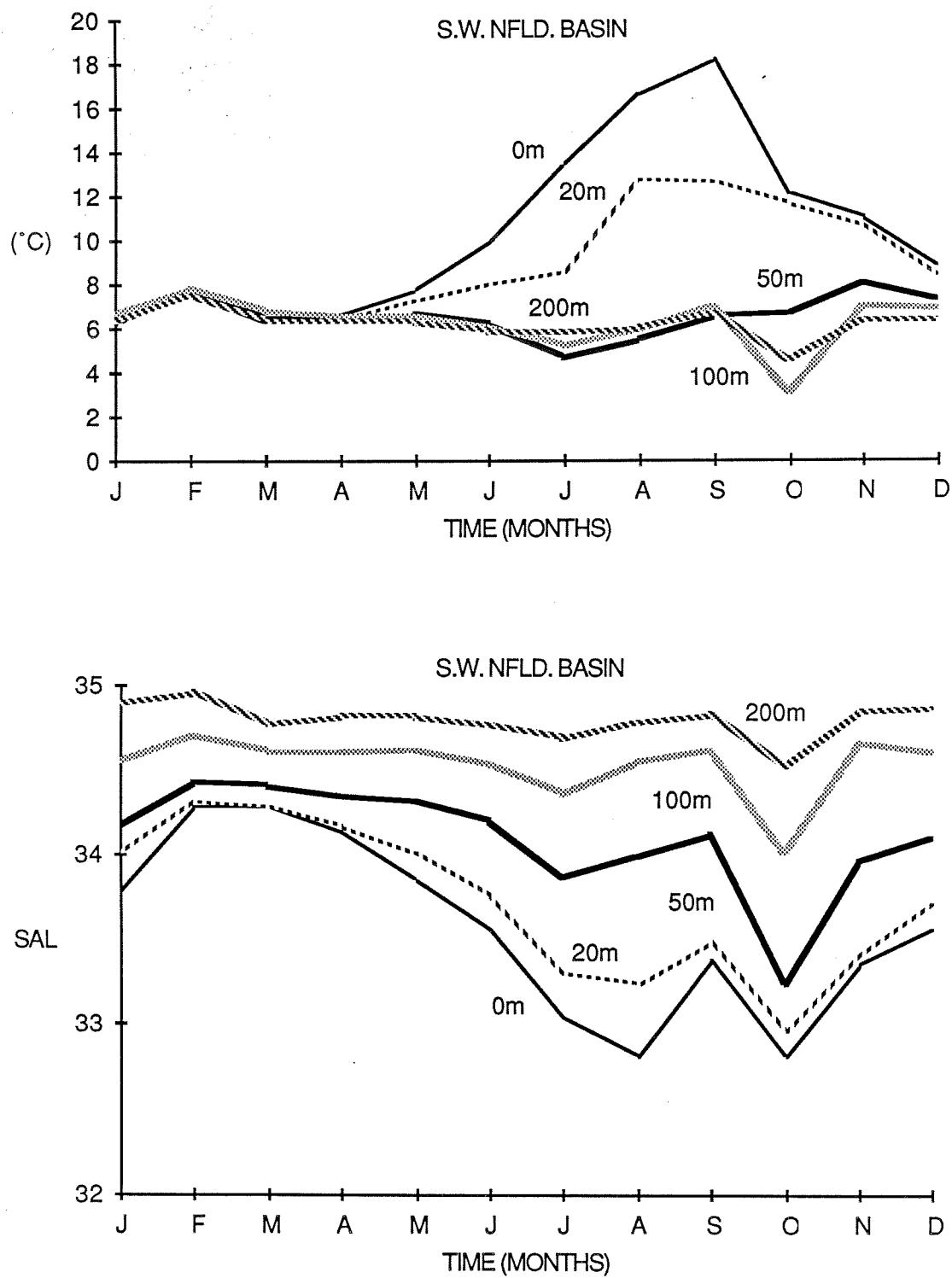


Fig. 5c The seasonal variations of the monthly mean temperature and salinity for subarea 11, the southwestern Newfoundland Basin.

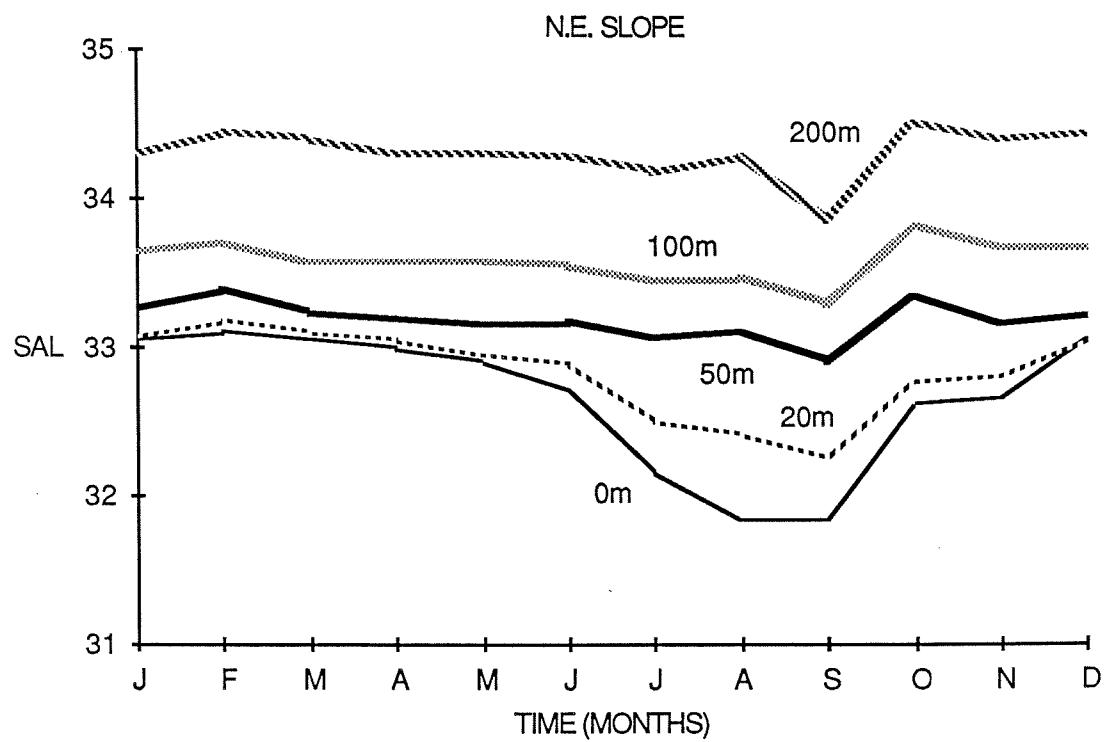
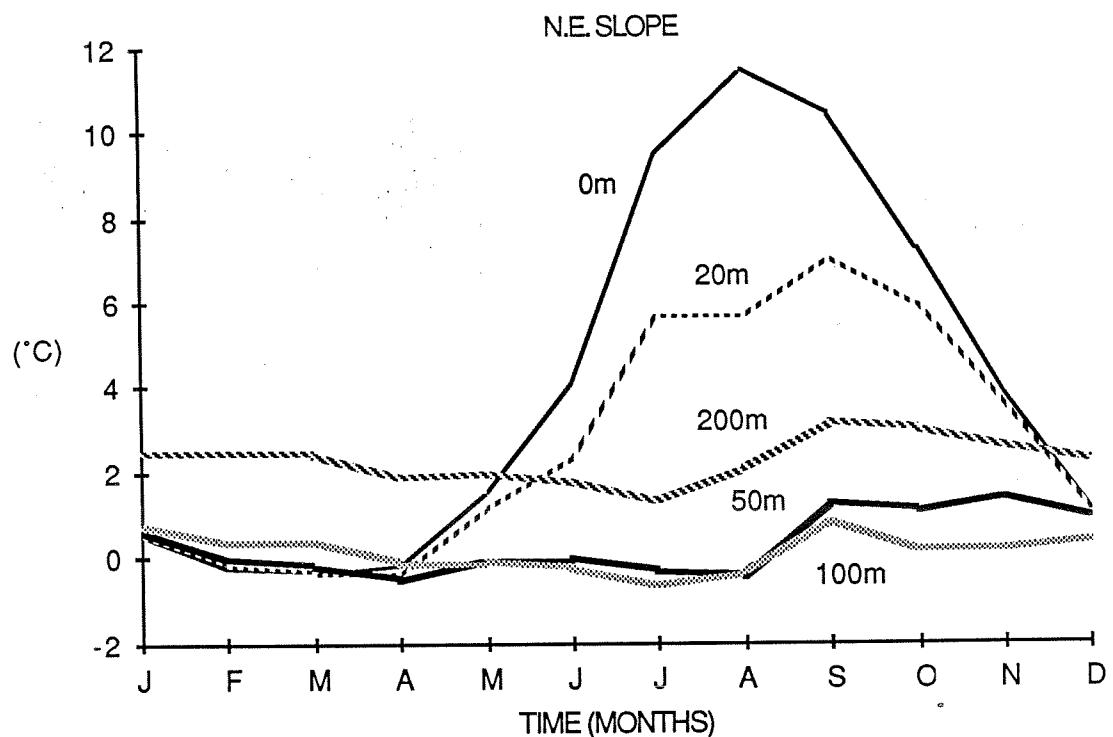


Fig. 5d The seasonal variations of the monthly mean temperature and salinity for subarea 14, the northeastern slope.

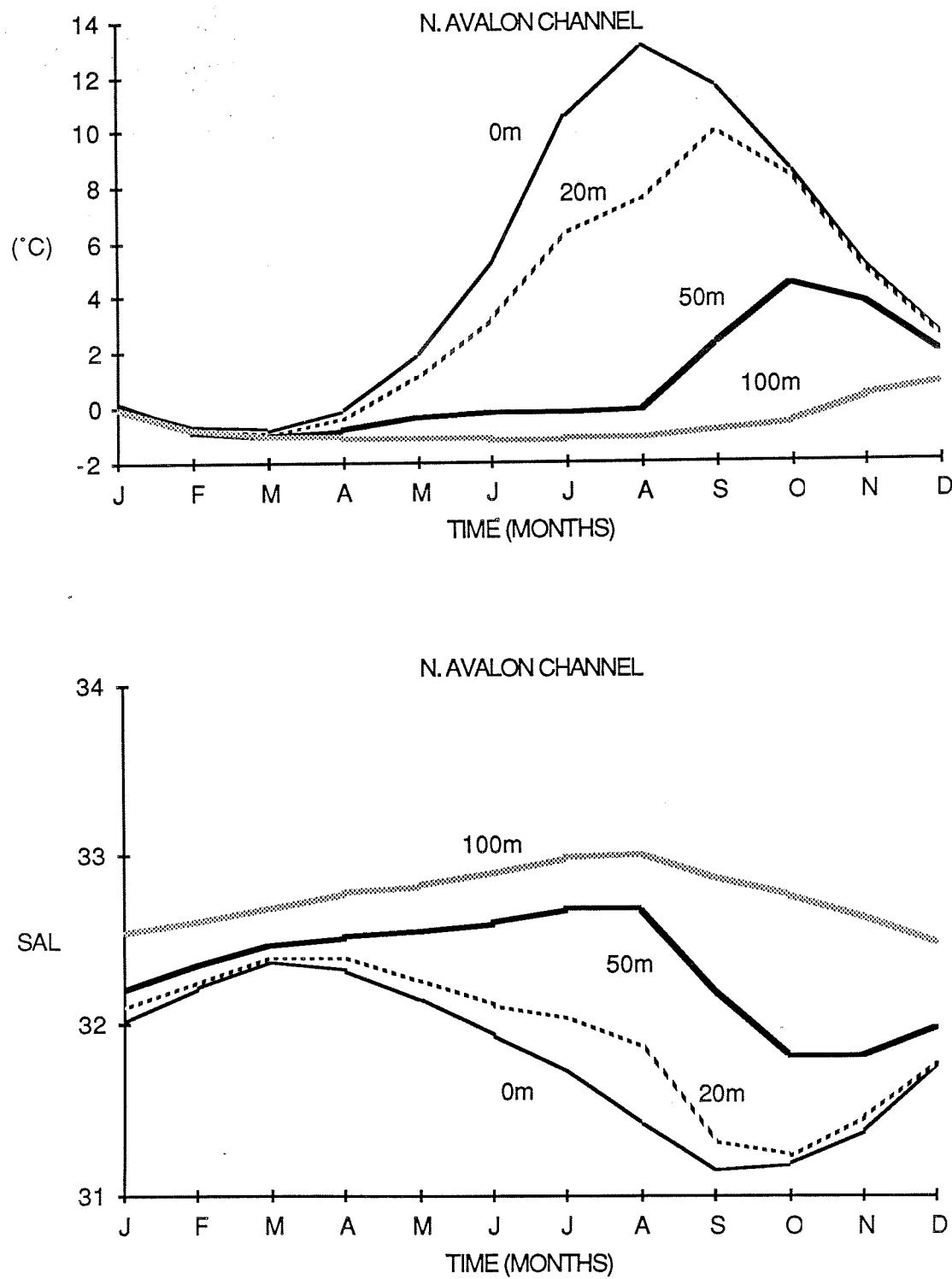


Fig. 5e The seasonal variations of the monthly mean temperature and salinity for subarea 17, the northern Avalon Channel.

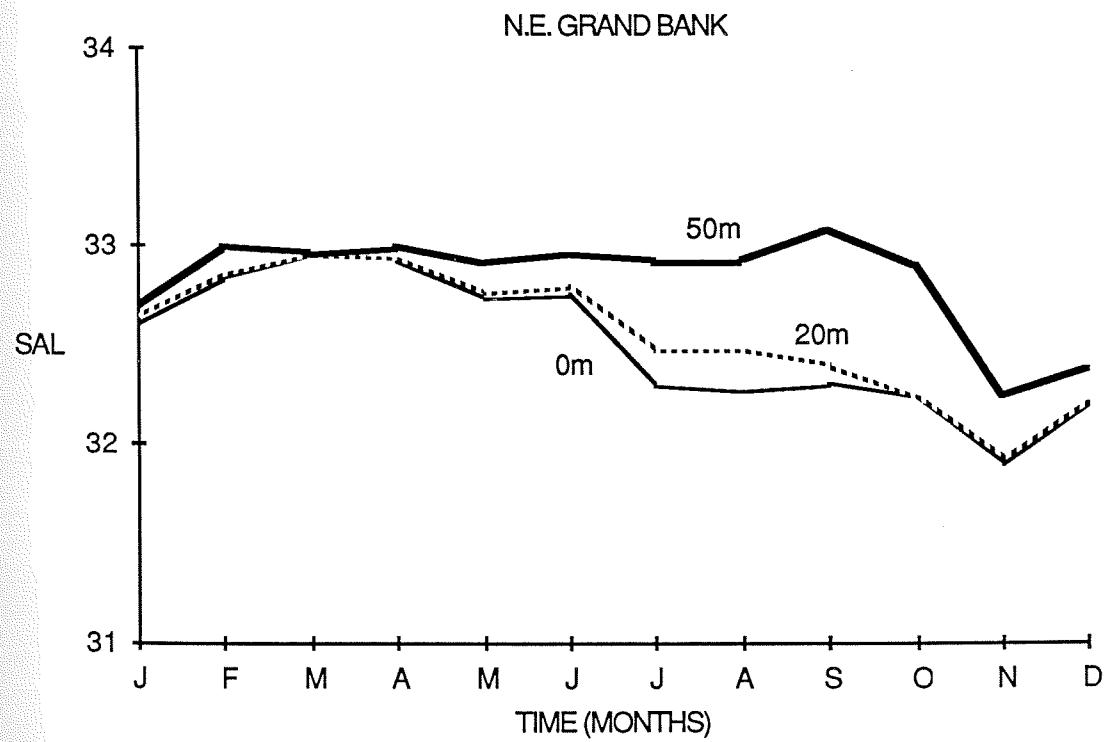
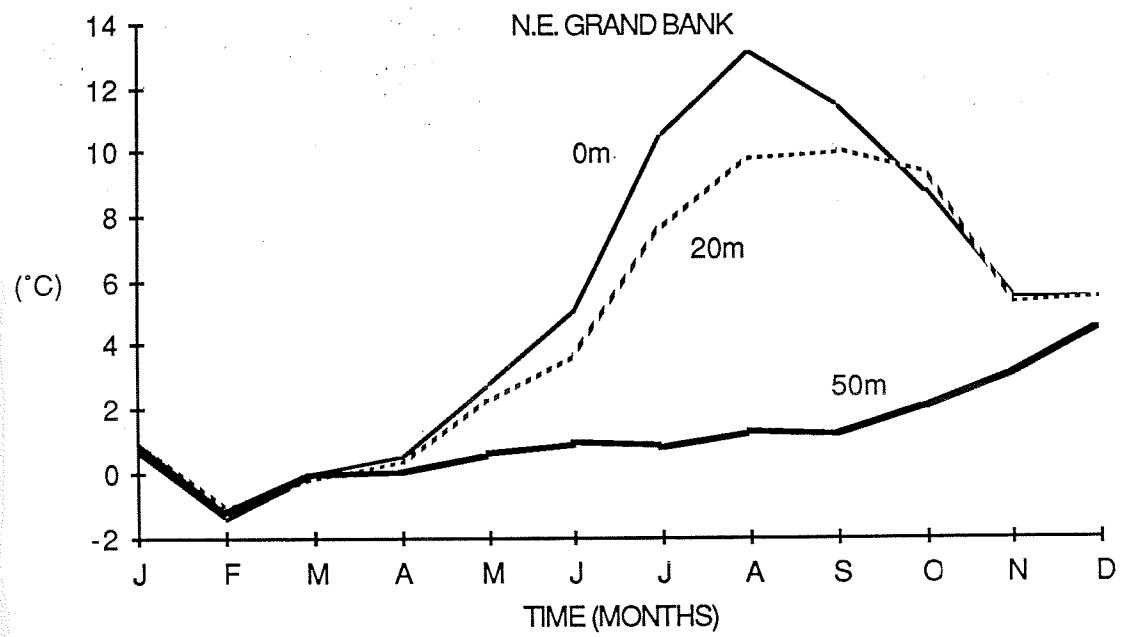


Fig. 5f The seasonal variations of the monthly mean temperature and salinity for subarea 20, the northeastern Grand Bank.

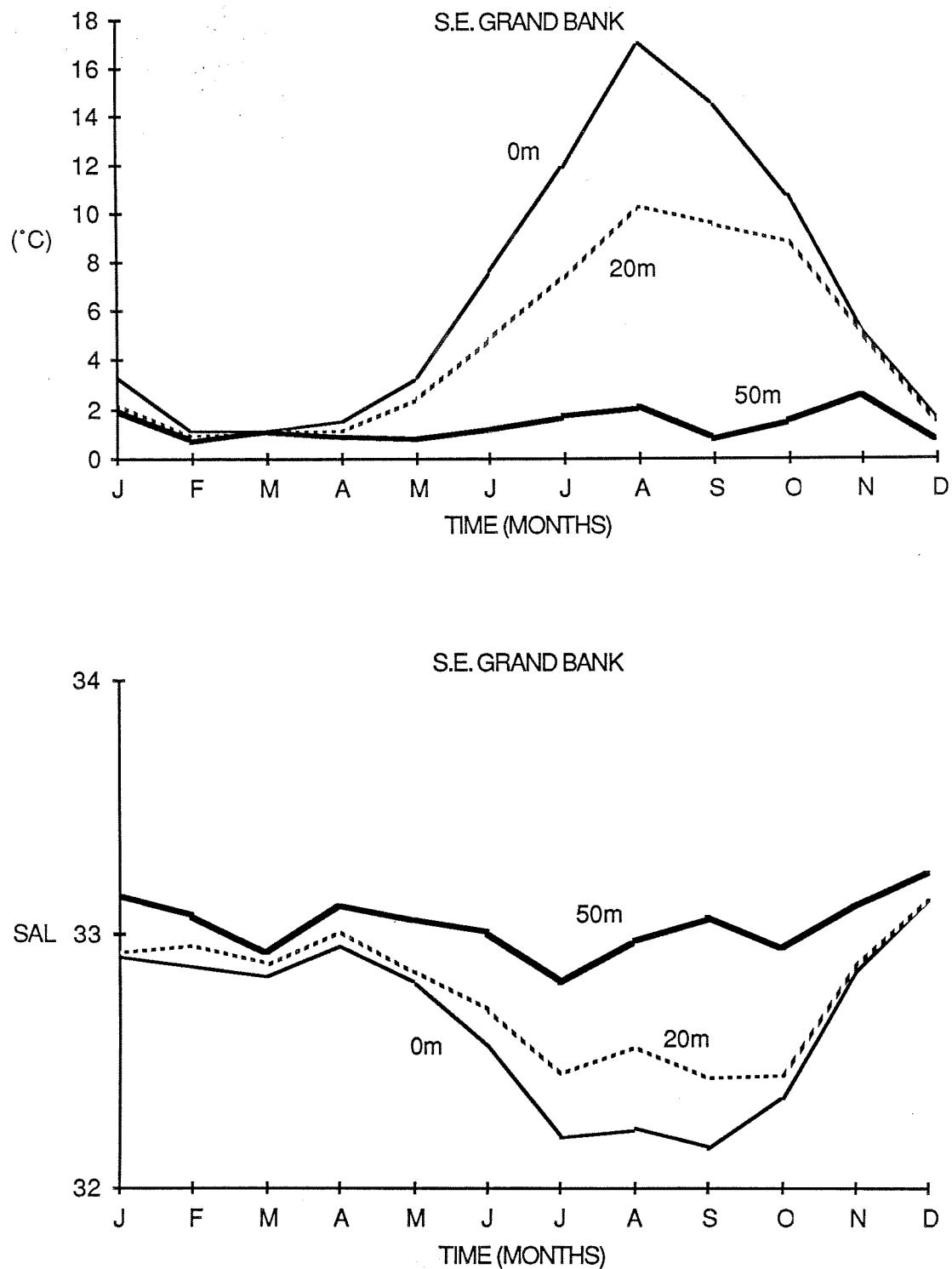


Fig. 5g The seasonal variations of the monthly mean temperature and salinity for subarea 21, the southeastern Grand Bank.

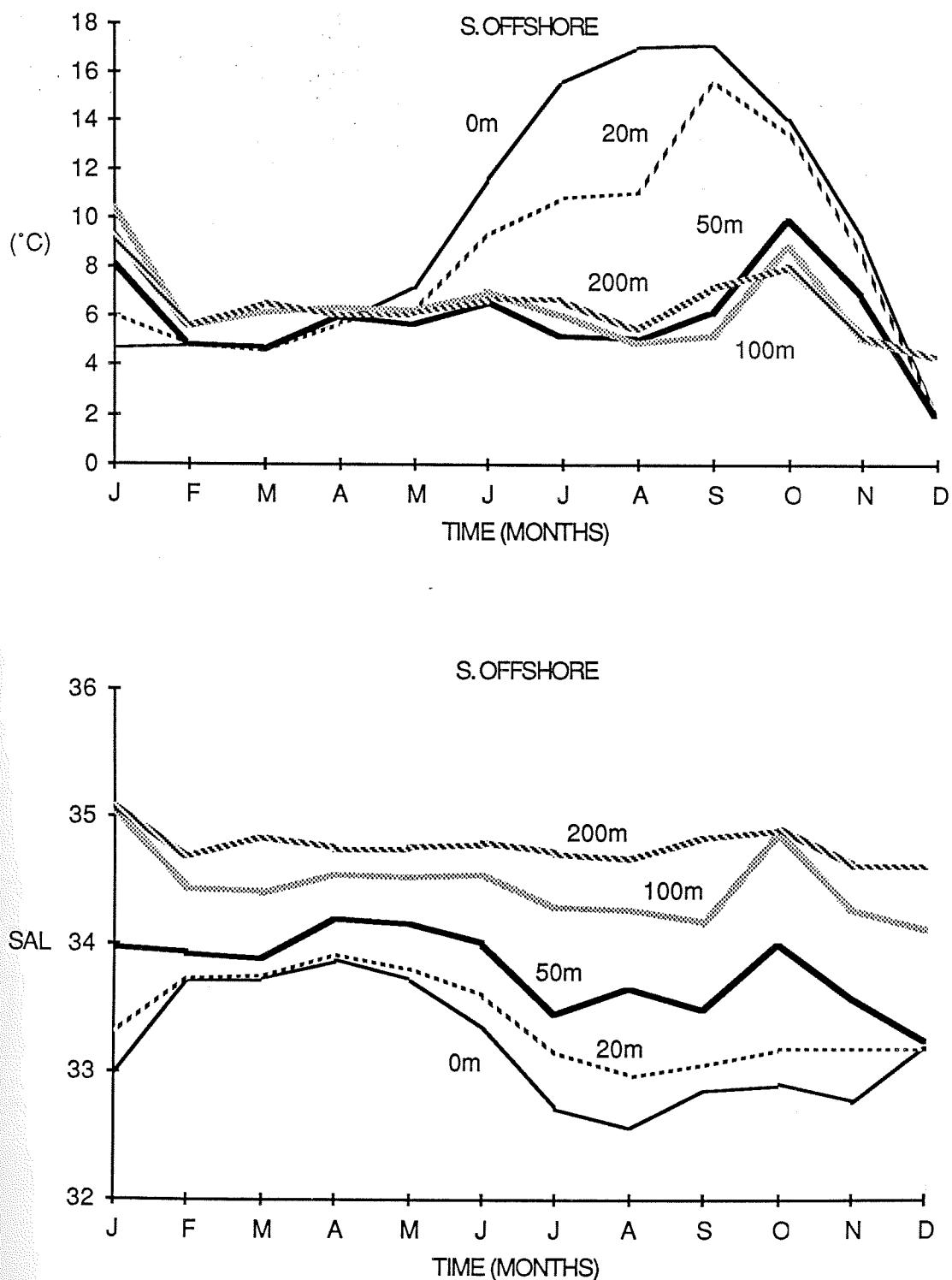


Fig. 5h The seasonal variations of the monthly mean temperature and salinity for subarea 28, the southern offshore.

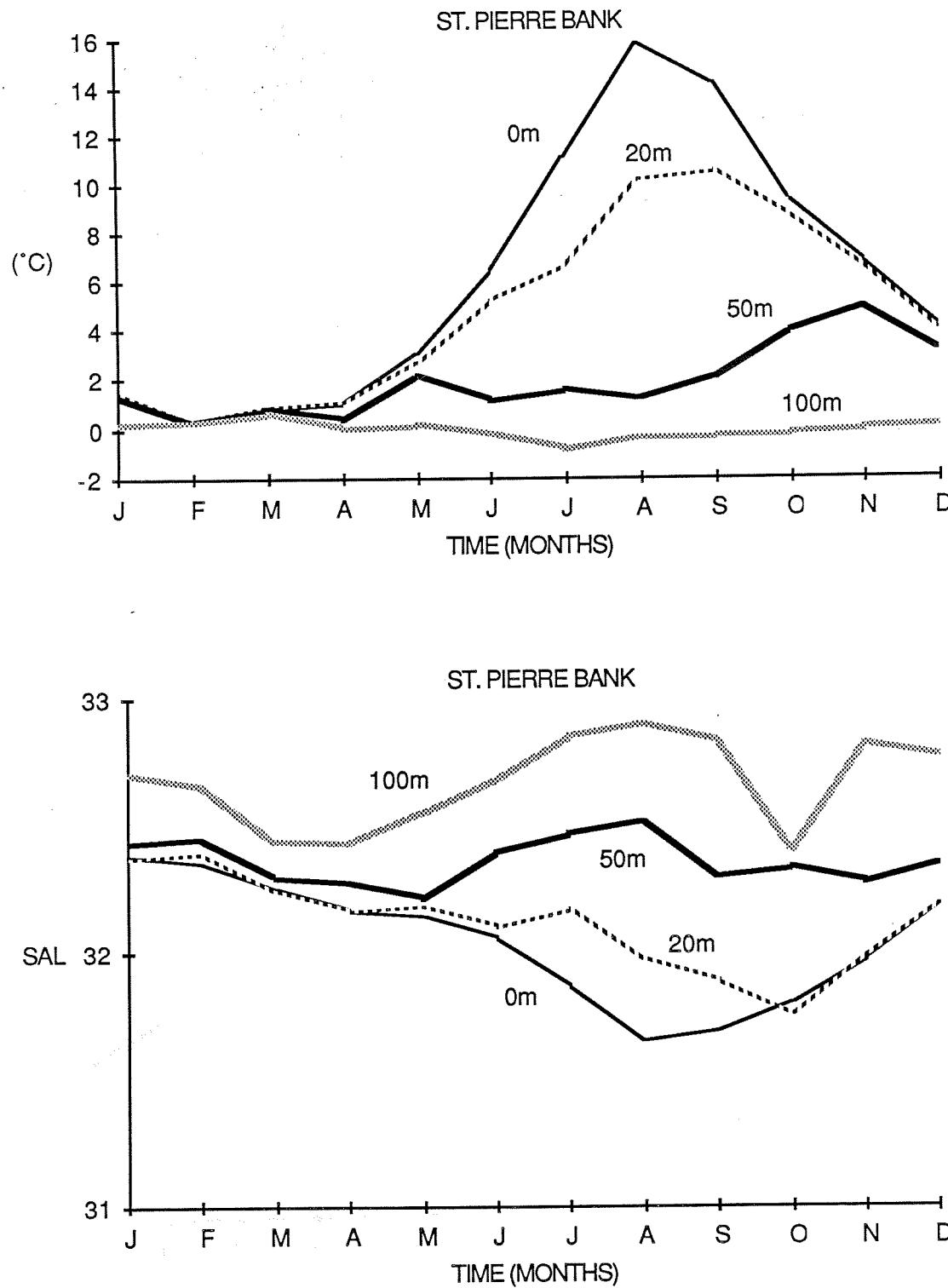


Fig. 5i The seasonal variations of the monthly mean temperature and salinity for subarea 33, St. Pierre Bank.

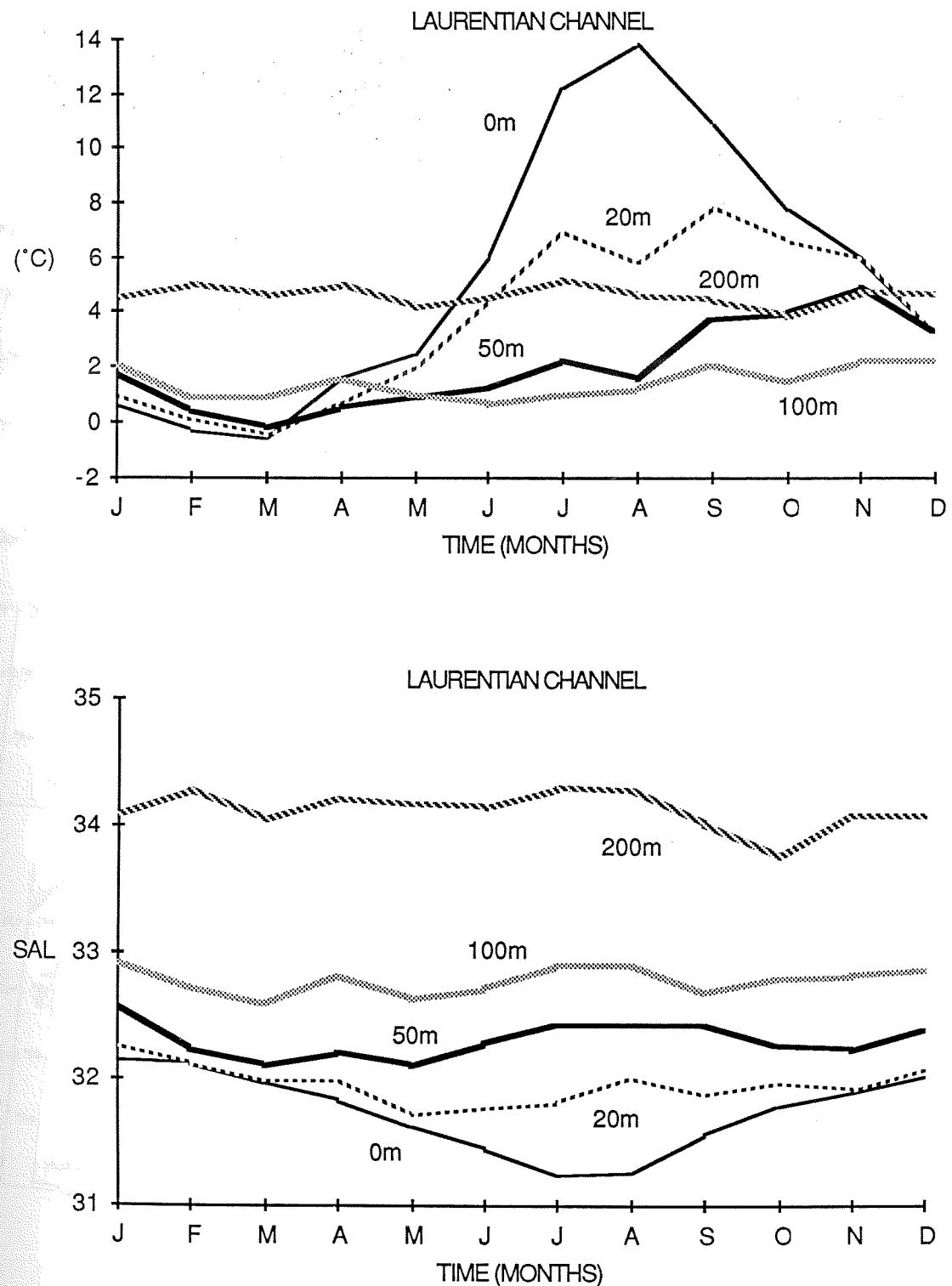


Fig. 5j The seasonal variations of the monthly mean temperature and salinity for subarea 38, the Laurentian Channel.

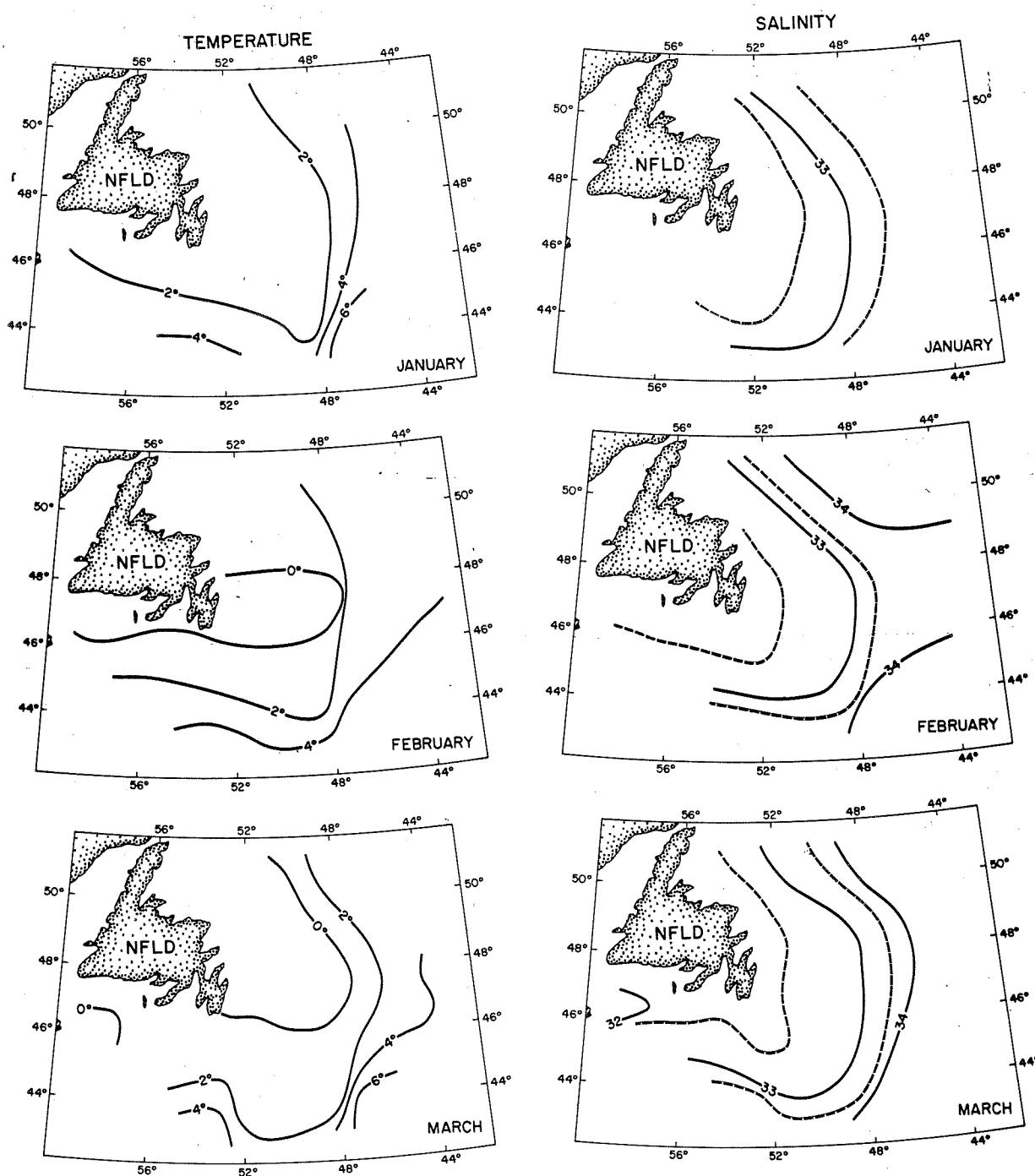


Fig. 6a Monthly mean surface temperature and salinity, January to March.

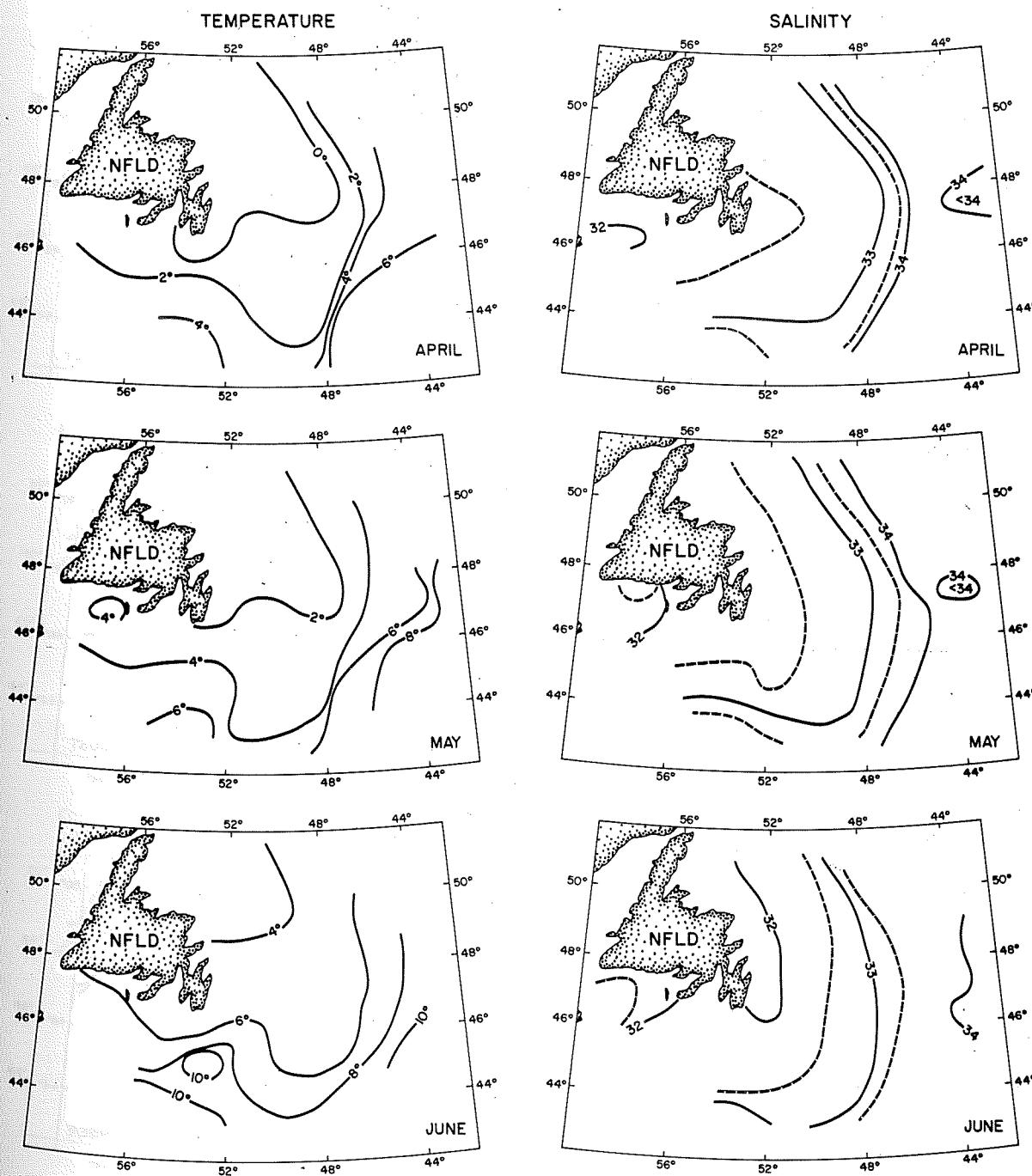


Fig. 6b Monthly mean surface temperature and salinity, April to June.

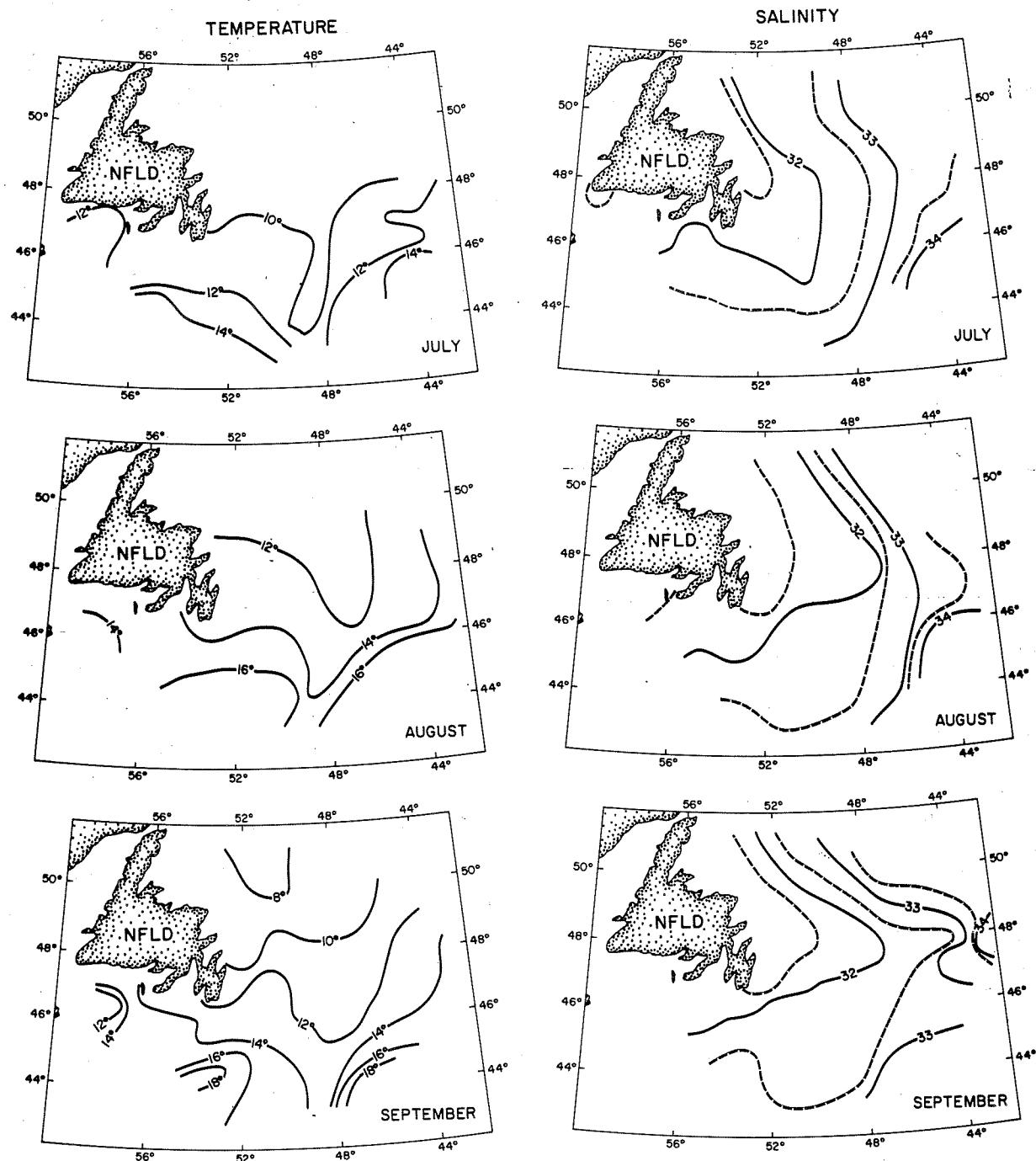


Fig. 6c Monthly mean surface temperature and salinity, July to September.

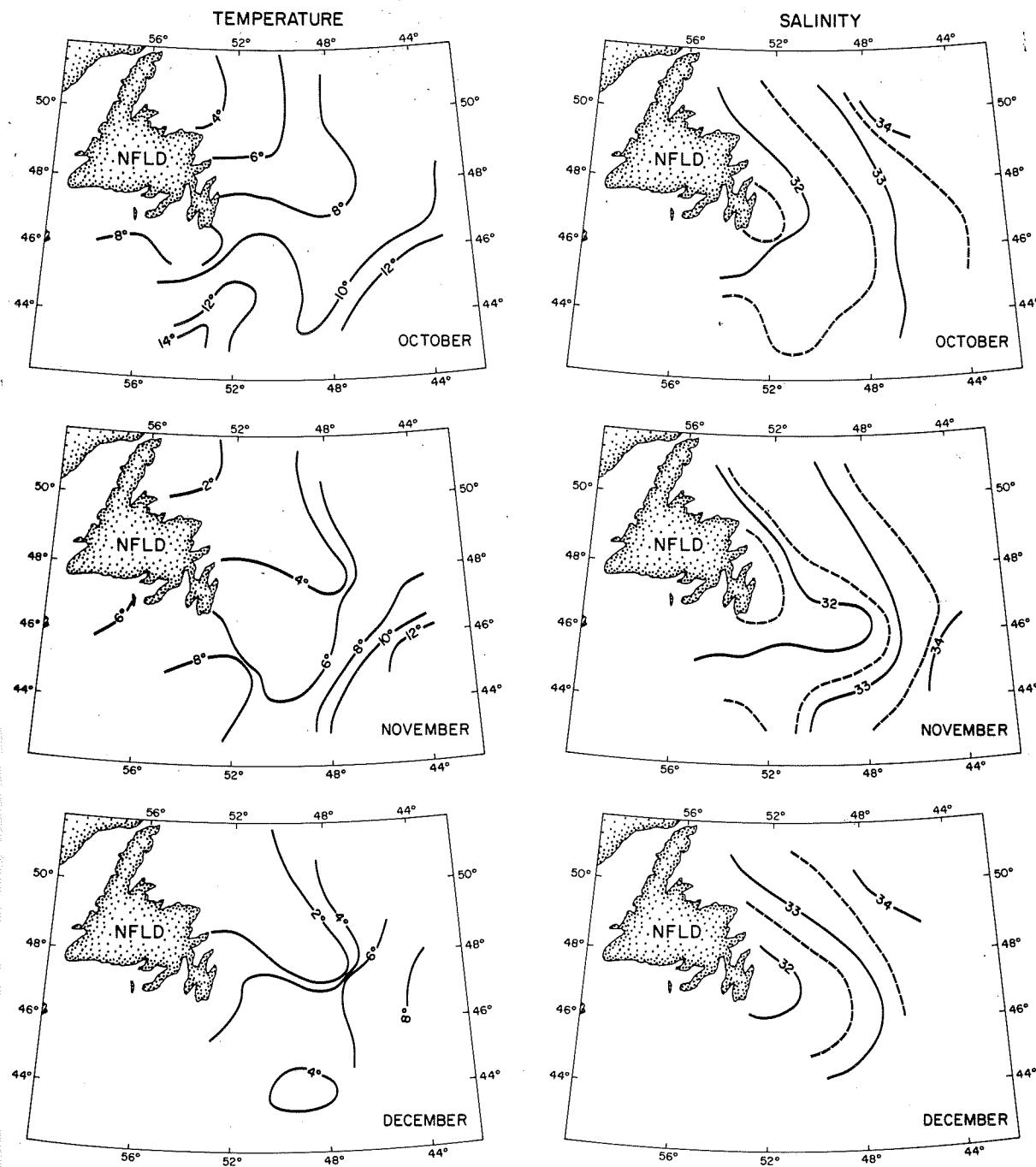
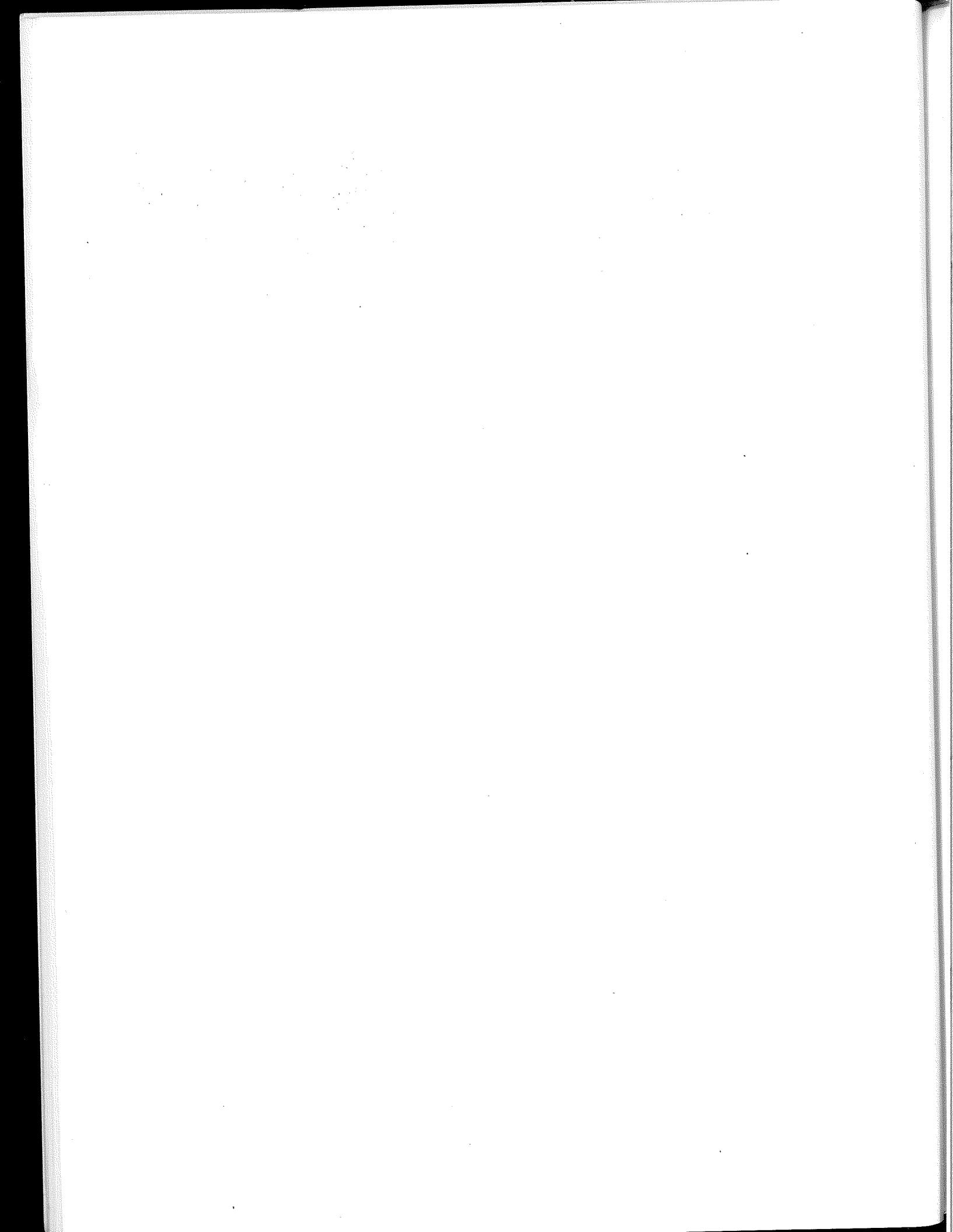


Fig. 6d Monthly mean surface temperature and salinity, October to December.



APPENDIX

Mean Temperature and Salinity Data

TEMPERATURE AT SUBAREA 1 N.E. NFLD SHELF (INSHORE)

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	0.00	.55	-.76	-.84	1.04	3.76	9.11	11.04	8.65	3.38	1.96	.29
	0.00	1.98	.21	.42	1.51	1.73	2.30	1.59	2.31	1.58	.81	.27
	0	3	3	19	52	64	106	72	45	21	24	19
10	0.00	.35	-.88	-.85	.69	2.52	6.18	9.54	8.08	3.32	1.75	.28
	0.00	1.70	.18	.46	1.23	1.41	2.03	2.59	2.17	1.57	.79	.26
	0	4	3	19	52	70	110	72	51	21	26	19
20	0.00	.33	-.95	-.91	.04	.99	2.98	4.17	6.23	3.23	1.59	.29
	0.00	1.68	.12	.45	1.06	1.34	2.08	3.24	2.27	1.54	.75	.27
	0	4	3	19	52	70	110	72	52	21	28	19
30	0.00	.21	-1.15	-1.00	-.31	-.05	.77	1.05	2.98	2.96	2.00	.34
	0.00	1.55	.05	.43	.87	1.22	1.93	2.28	2.50	1.34	2.45	.27
	0	4	3	19	52	71	110	72	51	21	28	19
50	0.00	.21	-1.22	-1.31	-1.07	-1.13	-.92	-.77	-.42	.94	1.68	.37
	0.00	1.53	.05	.42	.50	.61	.94	1.38	1.15	1.59	2.42	.32
	0	4	3	19	52	71	110	72	51	21	28	19
75	0.00	.01	-1.24	-1.44	-1.34	-1.35	-1.34	-1.11	-.92	-.42	.58	.66
	0.00	1.25	.10	.30	.31	.44	.52	1.36	.77	.94	.64	.43
	0	4	3	19	52	71	108	72	51	21	28	19
100	0.00	-.17	-.94	-1.31	-1.30	-1.36	-1.32	-1.14	-.88	-.60	.20	.90
	0.00	.99	.19	.33	.40	.47	.52	1.19	.73	.79	.80	.60
	0	4	3	19	52	70	108	72	51	21	28	19
150	0.00	.84	-.26	-.76	-.74	-1.01	-1.00	-.90	-.46	-.17	.28	1.57
	0.00	.26	.24	.79	.82	.75	.61	.72	.81	.79	.72	.65
	0	3	3	15	47	58	97	68	46	21	30	18
200	0.00	1.21	-.01	.08	.33	-.31	-.22	-.12	.34	.58	.69	2.06
	0.00	.13	.36	.83	.90	1.04	.88	.85	.98	.83	.68	.59
	0	3	3	13	40	47	78	58	35	18	26	14
250	0.00	1.71	0.00	1.17	1.39	.80	.90	.60	.98	1.57	.78	2.40
	0.00	.32	0.00	.65	1.00	.93	.93	.93	1.06	.63	.69	.92
	0	3	0	10	28	34	62	43	26	14	6	10
300	0.00	2.06	0.00	1.76	2.24	1.49	2.04	1.52	1.65	2.43	1.91	2.68
	0.00	.45	0.00	.16	1.15	1.08	.65	1.10	.87	.24	.84	.94
	0	3	0	3	17	16	36	26	13	7	2	5
400	0.00	2.59	0.00	0.00	3.03	2.30	2.86	2.62	2.91	2.74	2.61	3.08
	0.00	.15	0.00	0.00	.04	0.00	.35	0.00	.30	.04	0.00	0.00
	0	2	0	0	2	1	4	1	3	3	1	1
500	0.00	0.00	0.00	0.00	3.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	0	1	0	0	0	0	0	0	0

TEMPERATURE AT SUBAREA 2 N.E. NFLD SHELF (OFFSHORE)

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	.49 .01 2	.24 .88 2	-1.27 .52 5	-.52 .66 24	1.43 1.13 82	3.43 1.15 113	8.93 2.10 168	10.78 1.81 171	7.49 2.20 15	5.00 1.82 18	2.87 .95 28	.85 .54 7
10	.53 .01 2	.07 .55 4	-1.24 .50 5	-.53 .67 24	1.24 .98 82	2.82 1.11 135	7.19 1.88 173	9.68 1.96 171	7.71 2.18 19	4.93 1.86 18	2.31 .92 44	.83 .54 7
20	.52 .02 2	.10 .54 4	-1.20 .54 5	-.53 .70 24	.84 .93 82	1.74 1.25 135	4.30 2.12 174	5.94 2.99 171	7.12 2.16 19	4.86 1.83 18	2.23 .86 44	.84 .54 7
30	.50 .02 2	.13 .53 4	-1.22 .54 5	-.54 .73 24	.14 .72 82	.83 1.38 135	2.07 2.27 174	2.19 2.78 171	4.46 2.99 19	4.32 1.61 18	2.12 .84 44	.83 .55 7
50	.39 .01 2	.20 .52 4	-.98 .83 5	-.64 .89 24	-.39 .75 82	-.51 1.10 135	-.18 1.61 174	-.17 2.11 171	1.88 2.79 19	1.14 2.11 18	1.84 .89 44	.83 .54 7
75	.30 .28 2	.69 .50 4	-.58 1.24 5	-.58 1.02 24	-.45 .82 82	-.70 1.05 135	-.43 1.40 174	-.25 2.10 171	1.08 2.48 19	.35 1.63 18	1.25 .91 44	.97 .51 7
100	.17 .13 2	1.15 .48 4	-.11 1.20 5	-.24 .96 24	-.00 1.01 82	-.52 1.15 135	-.12 1.43 174	-.03 2.03 171	1.12 2.32 19	.45 1.45 18	.80 1.12 44	1.26 .66 7
150	.88 .20 2	1.76 .52 4	.93 1.01 5	.59 1.02 24	.93 1.16 82	.11 1.24 135	.60 1.44 174	.79 1.89 169	1.70 1.87 19	.94 1.18 18	1.27 1.08 46	2.25 .85 7
200	1.42 .03 2	2.17 .55 4	1.43 .91 5	1.38 .72 24	1.73 1.08 82	.90 1.17 134	1.41 1.29 174	1.63 1.62 164	2.21 1.45 19	1.65 1.05 18	1.91 1.12 42	2.69 .79 7
250	2.49 .50 2	2.33 .57 4	1.90 .57 3	1.94 .61 22	2.49 .78 71	1.67 .92 121	2.14 .99 158	2.43 1.28 147	2.78 1.05 13	2.12 .89 18	2.30 .87 29	3.15 .26 5
300	3.15 0.00 1	2.48 .82 4	0.00 .00 0	3.01 .24 7	3.10 .70 43	2.37 .60 75	2.82 .67 96	3.10 1.03 101	3.34 .48 8	2.43 .85 14	2.86 .76 22	3.32 .32 4
400	3.58 0.00 1	0.00 .00 0	0.00 .00 0	3.31 .11 4	3.61 .63 13	3.29 .23 15	3.35 .19 21	3.51 .94 35	3.51 .16 3	3.38 .37 4	3.54 .68 8	3.91 0.00 1
500	0.00 0.00 0	0.00 .00 0	0.00 .00 0	3.44 .11 4	4.11 .64 4	3.39 .20 11	3.45 .16 13	3.83 .66 15	3.40 .14 2	3.64 .05 2	4.00 .39 3	3.84 0.00 1
600	0.00 0.00 0	0.00 .00 0	0.00 .00 0	3.55 .05 2	3.90 .76 3	3.37 .22 8	3.47 .17 9	3.63 .43 8	3.30 .03 2	3.58 .04 2	4.42 0.00 1	3.63 0.00 1
800	0.00 0.00 0	0.00 .00 0	0.00 .00 0	3.56 .00 1	3.80 .53 3	3.36 .13 6	3.52 .18 9	3.40 .25 6	3.10 .15 6	0.00 0.00 2	4.18 0.00 1	0.00 0.00 0
1000	0.00 0.00 0	0.00 .00 0	0.00 .00 0	3.99 .02 2	3.27 0.00 1	3.39 .16 4	3.31 .12 3	2.71 .00 1	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0
	0	0	0	0	2	1	4	3	1	0	0	0

TEMPERATURE AT SUBAREA 3 LABRADOR BASIN

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	3.19 1.69 8	2.55 1.21 18	2.15 1.89 18	2.83 1.95 171	3.84 1.80 182	5.55 1.82 173	8.05 1.61 105	10.30 1.70 63	9.79 1.75 9	8.98 .87 14	6.44 2.38 44	4.71 2.46 7
10	3.44 1.62 8	2.57 1.20 18	2.11 1.71 18	2.78 1.96 214	3.74 1.69 196	5.17 1.70 180	7.05 1.72 108	9.68 2.22 67	9.33 1.60 12	8.99 .90 14	6.21 2.46 46	4.59 2.36 7
20	3.40 1.57 8	2.58 1.15 18	2.12 1.68 18	2.79 1.93 216	3.49 1.72 199	4.69 1.72 180	5.79 2.22 110	7.92 2.95 67	8.87 2.06 12	8.95 .91 14	6.19 2.46 46	4.64 2.37 7
30	3.37 1.51 8	2.57 1.03 19	2.12 1.58 18	2.78 1.92 216	3.27 1.76 199	4.15 1.85 180	4.69 2.50 111	5.46 2.86 67	8.25 2.54 12	8.50 .91 14	6.10 2.39 46	4.65 2.36 7
50	3.32 1.42 8	2.64 .94 19	2.17 1.43 18	2.78 1.76 216	2.91 1.79 199	3.28 1.70 180	3.59 2.18 115	3.87 2.44 67	6.54 3.21 13	5.41 2.17 14	5.63 2.42 46	4.74 2.23 7
75	3.52 1.13 8	2.73 .86 19	2.41 1.27 18	2.85 1.53 216	2.82 1.51 199	2.89 1.28 180	3.37 1.89 115	3.62 2.13 67	4.85 2.23 13	3.64 .71 14	4.60 2.06 46	5.03 1.85 7
100	3.49 .77 8	3.05 .99 19	2.81 .96 18	2.96 1.25 215	2.86 1.17 198	2.87 1.02 180	3.42 1.62 115	3.50 1.77 67	4.46 1.96 14	3.54 .58 14	3.99 1.51 46	4.63 1.59 7
150	3.82 .50 8	3.73 .73 19	3.37 .60 17	3.28 .86 215	3.16 .90 198	3.07 .74 180	3.56 1.31 114	3.63 1.47 68	4.31 1.45 14	3.57 .36 14	3.90 1.08 46	4.23 1.08 7
200	3.86 .53 8	4.16 .29 18	3.88 .40 16	3.51 .71 215	3.40 .77 198	3.28 .61 180	3.59 .85 114	3.70 1.21 68	3.92 .53 13	3.57 .31 14	3.90 .84 46	3.87 .58 7
250	3.94 .40 8	4.17 .26 18	4.11 .34 14	3.63 .56 214	3.55 .55 197	3.37 .44 180	3.59 .63 114	3.69 .94 68	3.86 .50 13	3.55 .23 14	3.92 .70 41	3.89 .34 7
300	3.95 .38 8	4.11 .26 18	4.18 .35 14	3.68 .44 212	3.61 .45 197	3.45 .38 180	3.59 .55 114	3.67 .75 68	3.80 .47 13	3.56 .20 14	3.90 .57 41	3.89 .19 7
400	3.85 .37 7	4.00 .23 17	4.18 .36 14	3.72 .36 212	3.66 .37 196	3.49 .31 180	3.56 .37 113	3.61 .52 67	3.72 .45 13	3.55 .19 14	3.79 .43 41	3.85 .14 7
500	3.81 .32 7	3.91 .24 17	4.06 .28 14	3.70 .30 211	3.64 .31 196	3.49 .28 179	3.52 .30 113	3.58 .39 65	3.68 .41 13	3.54 .19 14	3.78 .30 39	3.85 .13 7
600	3.81 .32 5	3.82 .22 17	3.99 .22 13	3.67 .25 206	3.60 .28 194	3.48 .25 179	3.49 .28 107	3.62 .36 48	3.62 .37 13	3.50 .16 14	3.74 .29 31	3.74 .17 6
800	3.66 .28 4	3.69 .19 14	3.83 .15 13	3.57 .19 198	3.55 .20 187	3.45 .20 175	3.45 .24 102	3.55 .30 45	3.61 .37 9	3.44 .19 6	3.59 .24 29	3.57 .13 6
1000	3.65 .15 3	3.62 .19 11	3.67 .11 10	3.48 .14 176	3.50 .16 170	3.41 .15 158	3.39 .17 93	3.48 .23 41	3.49 .29 41	3.40 .16 9	3.52 .18 5	3.50 .13 27

TEMPERATURE AT SUBAREA 4 E. OFFSHORE

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M.)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	5.70	0.00	4.74	5.08	8.61	10.44	12.29	14.90	15.35	10.40	0.00	0.00
	0.00	0.00	.80	2.30	2.19	2.12	1.41	2.68	2.74	.14	0.00	0.00
	1	0	2	12	11	5	22	5	5	2	0	0
10	5.40	0.00	4.73	5.05	8.15	9.33	11.71	13.44	15.13	10.49	0.00	0.00
	0.00	0.00	.80	2.32	2.56	1.71	1.49	2.34	2.85	.59	0.00	0.00
	1	0	2	12	11	6	24	6	5	2	0	0
20	5.46	0.00	4.72	4.86	7.86	8.52	10.02	11.92	14.62	10.49	0.00	0.00
	0.00	0.00	.81	2.47	2.97	2.09	2.08	2.82	3.35	.60	0.00	0.00
	1	0	2	12	11	6	24	6	5	2	0	0
30	5.47	0.00	4.69	4.85	7.62	7.97	7.75	10.09	12.47	11.36	0.00	0.00
	0.00	0.00	.77	2.67	3.28	2.51	2.65	3.76	4.55	1.85	0.00	0.00
	1	0	2	12	11	6	24	6	5	2	0	0
50	5.50	0.00	4.72	4.65	6.75	7.22	5.52	7.18	10.48	12.75	0.00	0.00
	0.00	0.00	.89	2.86	3.56	3.00	2.79	4.25	6.57	3.91	0.00	0.00
	1	0	2	12	11	6	25	6	5	2	0	0
75	5.47	0.00	4.27	4.65	5.88	6.59	4.72	5.75	10.00	10.40	0.00	0.00
	0.00	0.00	.44	2.64	3.49	3.34	2.55	4.52	6.07	5.88	0.00	0.00
	1	0	2	12	11	6	25	6	5	2	0	0
100	5.68	0.00	4.25	4.74	5.88	5.70	4.63	5.26	8.84	9.14	0.00	0.00
	0.00	0.00	.61	2.63	3.55	2.93	2.34	4.40	6.15	6.51	0.00	0.00
	1	0	2	12	11	6	25	6	5	2	0	0
150	4.67	0.00	4.31	4.74	5.83	5.28	4.62	5.35	8.53	8.37	0.00	0.00
	0.00	0.00	1.02	2.06	2.95	2.58	1.94	3.79	5.56	6.04	0.00	0.00
	1	0	2	12	11	6	25	6	5	2	0	0
200	4.00	0.00	4.32	4.73	5.57	5.03	4.38	5.46	8.49	7.00	0.00	0.00
	0.00	0.00	1.23	1.38	2.34	2.32	1.56	3.24	5.18	4.23	0.00	0.00
	1	0	2	12	11	6	25	6	5	2	0	0
250	3.86	0.00	4.12	4.68	5.22	4.91	4.13	5.15	7.95	6.34	0.00	0.00
	0.00	0.00	.79	1.11	1.95	2.11	1.23	2.50	4.92	3.40	0.00	0.00
	1	0	2	12	11	6	25	6	5	2	0	0
300	3.79	0.00	4.07	4.55	5.10	4.60	4.08	4.72	7.34	5.54	0.00	0.00
	0.00	0.00	.52	.82	1.69	1.56	.94	1.83	4.71	1.66	0.00	0.00
	1	0	2	12	11	6	25	6	5	2	0	0
400	3.64	0.00	4.04	4.25	5.01	4.26	4.01	3.90	6.46	5.17	0.00	0.00
	0.00	0.00	.33	.59	1.24	1.09	.79	.52	3.42	1.58	0.00	0.00
	1	0	2	12	11	6	25	5	5	2	0	0
500	3.55	0.00	3.89	4.19	4.59	4.20	3.87	3.82	5.51	4.08	0.00	0.00
	0.00	0.00	.26	.39	.82	.93	.48	.40	2.42	.26	0.00	0.00
	1	0	2	12	11	6	25	5	5	2	0	0
600	3.55	0.00	3.71	4.05	4.23	3.82	3.85	3.73	4.88	3.86	0.00	0.00
	0.00	0.00	.08	.30	.57	.43	.44	.33	1.55	0.00	0.00	0.00
	1	0	2	11	11	5	25	5	5	1	0	0
800	3.56	0.00	3.61	3.81	3.91	3.69	3.65	3.60	3.76	3.51	0.00	0.00
	0.00	0.00	.08	.17	.35	.24	.27	.27	.28	0.00	0.00	0.00
	1	0	2	11	10	5	24	5	5	1	0	0
1000	3.41	0.00	3.55	3.68	3.75	3.62	3.61	3.44	3.79	3.45	0.00	0.00
	0.00	0.00	.14	.10	.26	.23	.22	.19	.45	0.00	0.00	0.00
	1	0	2	10	10	5	21	4	5	1	0	0

TEMPERATURE AT SUBAREA 5 FLEMISH CAP E. SLOPE

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	4.40	2.10	4.11	4.29	5.94	8.98	11.43	12.39	11.83	8.85	0.00	10.73
	0.00	0.00	.59	1.37	.95	1.43	1.57	1.61	.98	.78	0.00	.18
	1	1	8	16	18	10	40	16	3	2	0	2
10	4.13	2.06	4.00	4.22	5.58	7.30	10.77	11.10	11.73	8.76	0.00	10.75
	0.00	0.00	.61	1.36	1.01	.87	1.53	1.54	1.02	.81	0.00	.21
	1	1	8	16	18	10	41	16	3	2	0	2
20	4.11	2.06	3.88	4.00	5.23	6.19	9.62	9.44	11.54	8.68	0.00	10.79
	0.00	0.00	.65	1.39	1.12	1.16	1.74	1.53	.74	.83	0.00	.15
	1	1	8	16	18	10	41	16	3	2	0	2
30	4.13	2.02	3.78	3.58	4.76	5.62	7.45	7.79	10.61	8.69	0.00	10.29
	0.00	0.00	.62	1.25	1.12	1.16	2.05	1.59	.26	.85	0.00	.13
	1	1	8	16	18	10	41	16	3	2	0	2
50	4.12	1.96	3.55	3.16	3.57	4.26	3.80	4.74	4.71	8.48	0.00	6.49
	0.00	0.00	.60	1.26	1.72	1.20	2.10	1.87	1.05	1.13	0.00	.95
	1	1	8	16	18	10	41	16	3	2	0	2
75	3.83	2.00	3.39	2.76	3.06	3.37	3.16	3.69	3.57	3.42	0.00	6.55
	0.00	0.00	.51	.92	1.20	.78	1.61	1.76	1.22	.54	0.00	1.04
	1	1	8	16	18	10	41	16	3	2	0	2
100	3.86	2.26	3.35	2.84	3.13	3.26	3.27	3.55	3.33	3.30	0.00	5.57
	0.00	0.00	.41	.74	.81	.68	1.30	1.67	.77	.47	0.00	.50
	1	1	8	16	19	10	41	16	3	2	0	2
150	4.52	2.94	3.67	3.28	3.57	3.48	3.51	3.89	3.45	3.46	0.00	4.55
	0.00	0.00	.56	.53	.53	.46	1.04	1.43	.36	.06	0.00	1.09
	1	1	8	16	20	10	41	16	3	2	0	2
200	3.53	3.56	4.07	3.79	3.84	3.76	3.63	4.18	3.45	3.53	0.00	4.57
	0.00	0.00	.19	.37	.38	.35	.81	1.18	.11	.15	0.00	1.00
	1	1	8	15	19	10	41	15	2	2	0	2
250	3.61	3.75	4.05	3.85	3.89	3.80	3.77	4.31	3.60	3.61	0.00	4.52
	0.00	0.00	.17	.21	.22	.15	.61	.97	.11	.16	0.00	1.01
	1	1	6	14	16	8	39	14	2	2	0	2
300	3.64	0.00	3.96	3.88	3.92	3.75	3.87	4.17	3.68	3.64	0.00	4.44
	0.00	0.00	.12	.19	.19	.07	.37	.84	.20	.15	0.00	1.02
	1	0	6	11	16	6	38	12	2	2	0	2
400	3.62	0.00	3.82	3.80	3.91	3.60	3.92	4.15	3.67	3.56	0.00	3.95
	0.00	0.00	.11	.22	.31	.04	.26	.55	.23	0.00	0.00	.59
	1	0	6	7	10	5	20	7	2	1	0	2
500	3.66	0.00	3.73	3.71	3.86	3.50	3.81	3.84	3.46	3.51	0.00	3.50
	0.00	0.00	.14	.20	.25	.09	.23	.20	0.00	0.00	0.00	0.00
	1	0	3	5	9	3	15	6	1	1	0	1
600	0.00	0.00	3.46	3.89	3.81	3.32	3.91	3.90	3.41	3.42	0.00	0.00
	0.00	0.00	0.00	0.00	.24	0.00	0.00	.09	0.00	0.00	0.00	0.00
	0	0	1	1	7	1	1	2	1	1	0	0
800	0.00	0.00	0.00	3.67	3.76	0.00	0.00	3.71	3.29	3.34	0.00	0.00
	0.00	0.00	0.00	0.00	.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	1	2	0	0	1	1	1	0	0
1000	0.00	0.00	0.00	3.66	3.72	0.00	0.00	3.70	3.30	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	1	1	0	0	1	1	0	0	0

TEMPERATURE AT SUBAREA 6 FLEMISH CAP N. SLOPE

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M.)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	4.27	2.57	3.33	4.06	5.17	7.91	10.46	12.32	12.70	8.20	7.51	4.94
	1.32	.87	1.62	1.47	1.32	1.85	1.44	2.41	2.53	0.00	1.34	0.00
	7	9	10	61	60	51	13	12	2	1	9	2
10	4.12	2.60	3.29	3.71	5.00	7.07	9.60	11.68	11.03	8.21	7.39	4.90
	1.35	.87	1.57	1.60	1.17	1.33	1.81	2.26	4.36	0.00	1.25	0.00
	7	9	10	70	64	51	13	12	2	1	9	2
20	4.14	2.60	3.19	3.66	4.77	6.30	7.46	10.62	9.36	8.15	7.33	5.01
	1.36	.80	1.48	1.57	1.18	.89	1.87	3.24	6.20	0.00	1.17	0.00
	7	9	10	70	65	51	13	12	2	1	9	2
30	4.11	2.53	3.12	3.56	4.49	5.66	5.50	9.05	7.99	1.58	7.21	5.00
	1.35	.63	1.41	1.52	1.18	.88	1.77	3.82	7.59	0.00	1.06	0.00
	7	9	10	70	65	51	13	12	2	1	9	2
50	4.12	2.51	3.06	3.42	3.91	4.58	2.11	5.97	7.53	.75	5.67	5.00
	1.36	.68	1.22	1.29	1.29	1.12	1.92	3.70	7.18	0.00	2.20	0.00
	7	9	10	70	65	51	13	12	2	1	9	2
75	3.79	2.60	3.12	3.37	3.60	3.85	2.04	4.14	7.09	1.91	3.96	5.00
	1.12	.69	1.12	1.08	1.08	.86	1.49	2.89	6.47	0.00	1.40	0.00
	7	9	10	70	64	51	13	12	2	1	9	2
100	3.82	2.96	3.22	3.31	3.38	3.55	2.54	3.87	6.86	3.48	3.75	3.38
	.73	.72	.86	.92	.77	.66	1.03	2.60	5.47	0.00	1.24	0.00
	7	9	10	70	64	51	13	12	2	1	9	2
150	3.97	3.74	3.92	3.51	3.63	3.64	3.19	4.28	6.32	3.88	3.67	4.07
	.28	.72	.45	.76	.53	.46	.72	2.07	3.55	0.00	.82	0.00
	7	9	10	69	63	51	13	12	2	1	8	2
200	4.05	3.91	4.15	3.87	3.88	3.78	3.61	4.58	5.64	3.58	3.75	3.95
	.29	.44	.20	.42	.44	.35	.44	1.69	1.85	0.00	.53	0.00
	7	9	10	55	48	33	12	11	2	1	8	2
250	3.93	3.89	4.04	3.88	3.81	3.74	3.99	4.67	4.71	3.89	3.88	3.96
	.27	.33	.22	.26	.41	.34	.24	1.24	.50	0.00	.38	0.00
	6	8	7	41	29	17	9	10	2	1	7	2
300	4.08	3.95	4.00	3.78	3.75	3.75	4.00	4.80	3.74	3.95	3.93	3.97
	.26	.26	.29	.31	.40	.29	.33	1.26	.80	0.00	.36	0.00
	3	6	6	26	21	12	4	6	2	1	5	2
400	4.08	3.82	3.88	3.72	3.73	3.59	4.00	4.45	3.78	0.00	3.84	0.00
	.23	.20	.40	.31	.30	.24	.36	.81	.52	0.00	.47	0.00
	2	6	5	17	13	5	4	5	2	0	4	0
500	4.10	3.75	3.88	3.76	3.74	3.52	3.98	4.10	4.03	0.00	3.75	0.00
	0.00	.24	.34	.26	.26	0.00	.62	.33	0.00	0.00	.47	0.00
	1	3	4	9	12	1	3	4	1	0	4	0
600	4.01	3.56	4.09	3.73	3.64	3.44	0.00	3.79	0.00	0.00	3.71	0.00
	0.00	.06	.05	.29	.16	0.00	0.00	.04	0.00	0.00	.42	0.00
	1	2	2	8	9	1	0	2	0	0	4	0
800	0.00	0.00	0.00	3.60	3.49	0.00	0.00	3.68	0.00	0.00	4.04	0.00
	0.00	0.00	0.00	.13	.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	4	3	0	0	1	0	0	1	0
1000	0.00	0.00	0.00	3.66	0.00	0.00	0.00	3.56	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	1	0	0	0	1	0	0	0	0

TEMPERATURE AT SUBAREA 7 FLEMISH CAP W. SLOPE

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	4.55	3.31	3.37	4.19	5.03	7.23	10.88	12.35	12.12	9.58	7.95	8.05
	1.38	1.16	1.42	1.84	1.63	2.21	1.99	2.10	1.40	1.07	1.49	0.00
	15	25	38	176	148	113	62	37	10	13	18	1
10	4.50	3.33	3.38	3.88	4.80	6.59	10.13	11.30	11.87	9.22	7.92	8.00
	1.37	1.15	1.41	1.92	1.58	1.90	2.04	2.06	2.01	1.33	1.45	.11
	15	26	38	201	160	116	65	37	10	14	18	2
20	4.51	3.31	3.31	3.83	4.60	5.98	9.01	9.69	11.58	8.85	7.93	7.76
	1.36	1.15	1.41	1.90	1.57	1.64	2.27	2.53	2.68	2.03	1.52	.45
	15	26	38	201	163	116	65	37	10	14	18	2
30	4.50	3.30	3.30	3.78	4.38	5.44	7.22	7.51	10.19	8.25	7.62	7.42
	1.36	1.15	1.36	1.85	1.63	1.58	2.30	2.73	2.81	2.25	1.53	.90
	15	26	39	201	164	117	67	37	10	14	18	2
50	4.48	3.22	3.29	3.71	3.93	4.44	3.96	3.80	5.76	5.67	5.85	5.83
	1.34	1.11	1.23	1.79	1.78	1.59	1.85	2.02	3.58	3.43	2.11	2.33
	15	26	39	201	164	117	67	37	10	14	18	2
75	4.28	3.21	3.37	3.58	3.62	3.77	3.21	2.81	4.15	3.88	4.57	4.06
	1.10	1.14	1.00	1.49	1.68	1.30	1.45	1.43	2.89	1.63	1.89	.21
	15	26	39	201	164	117	67	37	10	14	18	2
100	4.14	3.47	3.43	3.55	3.60	3.73	3.14	3.00	4.21	3.51	4.36	4.09
	.90	.95	.81	1.22	1.46	1.14	1.06	1.32	2.29	1.11	1.58	.46
	15	26	38	201	164	117	67	37	10	14	18	2
150	4.16	4.07	3.94	3.87	3.83	3.78	3.61	3.64	4.58	4.11	4.36	4.86
	.52	.50	.55	.92	.91	.75	.79	.80	1.59	.99	.95	0.00
	15	26	37	200	164	117	67	37	10	14	18	1
200	4.17	4.20	4.25	4.08	4.02	3.99	3.85	3.94	4.62	4.09	4.40	4.98
	.28	.35	.41	.67	.64	.55	.62	.50	1.14	.64	.54	0.00
	13	23	33	193	157	110	65	33	10	14	18	1
250	4.05	4.11	4.19	4.13	4.06	4.05	3.96	3.99	4.37	4.11	4.19	4.76
	.18	.29	.28	.56	.48	.47	.30	.35	.78	.55	.28	0.00
	11	19	28	165	129	90	52	25	8	11	14	1
300	3.96	4.10	4.01	4.12	4.07	4.10	3.94	3.97	4.22	4.18	3.90	0.00
	.15	.31	.21	.51	.48	.46	.27	.34	.58	.61	.46	0.00
	4	9	17	107	85	61	41	16	5	5	3	0
400	3.94	4.16	3.86	4.04	3.98	3.97	3.77	3.89	3.88	4.17	3.97	0.00
	0.00	.31	.16	.33	.36	.40	.25	.02	.34	.41	0.00	0.00
	1	4	9	69	54	40	7	3	4	3	1	0
500	3.86	4.08	3.80	3.90	3.85	3.87	3.79	3.86	3.84	3.92	3.94	0.00
	0.00	.33	.11	.27	.29	.33	.16	.02	.04	.23	0.00	0.00
	1	4	8	61	44	32	4	2	2	2	1	0
600	3.78	4.00	3.72	3.75	3.77	3.75	3.81	3.80	3.80	3.94	3.90	0.00
	0.00	.07	.08	.21	.23	.26	.05	.02	.07	.16	0.00	0.00
	1	2	5	43	32	25	3	2	2	2	1	0
800	0.00	3.78	3.64	3.58	3.65	3.57	3.67	0.00	3.73	3.58	3.77	0.00
	0.00	0.00	.08	.15	.17	.15	.06	0.00	0.00	0.00	0.00	0.00
	0	1	4	35	24	21	2	0	1	1	1	0
1000	0.00	0.00	3.45	3.49	3.52	3.53	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	.09	.12	.13	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	1	21	16	12	0	0	0	0	0	0

TEMPERATURE AT SUBAREA 8 CENTRAL FLEMISH CAP

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	4.40	0.00	3.93	4.37	5.56	7.92	12.05	12.89	13.34	9.10	8.85	6.83
	.43	0.00	.70	1.73	1.33	1.85	1.83	1.56	2.91	1.92	1.04	.99
	5	0	18	67	52	36	50	15	2	3	4	3
10	4.22	4.51	3.85	4.23	5.35	7.27	11.35	11.98	13.26	9.68	8.56	6.81
	.51	0.00	.64	1.66	1.16	1.42	1.51	.96	2.88	2.06	1.32	1.01
	5	1	18	69	52	36	51	15	2	4	4	3
20	4.21	4.41	3.79	4.18	5.13	6.58	10.24	10.97	12.26	9.25	8.64	6.91
	.51	0.00	.60	1.55	1.07	1.09	1.71	1.46	2.32	1.68	1.23	.93
	5	1	18	69	52	36	51	15	2	4	4	3
30	4.21	4.30	3.72	4.11	4.93	6.07	8.31	9.44	9.95	8.81	8.55	6.85
	.49	0.00	.58	1.43	1.04	1.11	1.79	2.13	2.28	1.67	1.16	.95
	5	1	18	69	52	36	51	15	2	4	4	3
50	4.19	4.14	3.65	3.85	4.41	4.96	4.99	5.33	4.34	5.34	7.62	6.74
	.50	0.00	.57	1.24	1.26	1.15	1.94	1.71	1.07	1.99	2.10	.71
	5	1	18	69	52	36	51	15	2	4	4	3
75	4.15	4.12	3.56	3.54	3.91	3.91	3.64	3.81	3.47	3.48	4.71	5.26
	.48	0.00	.55	1.01	1.10	.96	1.33	1.34	.04	.81	1.68	.07
	5	1	18	69	52	36	51	15	2	4	4	3
100	4.13	4.11	3.63	3.35	3.59	3.53	3.53	3.46	3.28	3.05	3.65	3.93
	.42	0.00	.49	.76	.76	.63	.99	.85	.25	.64	.87	.64
	5	1	17	67	50	35	51	15	2	4	4	3
150	4.45	0.00	3.85	3.50	3.71	3.56	3.53	3.45	0.00	0.00	3.11	3.55
	.67	0.00	.59	.50	.45	.44	.48	.55	0.00	0.00	0.00	0.00
	2	0	6	29	23	16	38	11	0	0	1	2
200	0.00	0.00	4.33	3.80	0.00	0.00	3.22	4.59	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	1	2	0	0	1	1	0	0	0	0
250	0.00	0.00	4.24	0.00	0.00	0.00	3.43	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	1	0	0	0	1	0	0	0	0	0
300	0.00	0.00	0.00	0.00	0.00	0.00	3.73	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	0	0	0	1	0	0	0	0	0

TEMPERATURE AT SUBAREA 9 FLEMISH CAP S. SLOPE

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	0.00	0.00	3.91	4.59	5.90	8.35	11.59	13.68	11.26	0.00	7.90	0.00
	0.00	0.00	.87	2.10	1.88	2.30	2.37	1.33	0.00	0.00	0.00	0.00
	0	0	8	59	46	40	14	4	1	0	1	0
10	0.00	0.00	3.86	4.40	5.63	7.71	9.73	12.38	11.29	15.10	7.59	0.00
	0.00	0.00	.86	2.08	1.60	1.89	1.75	.76	0.00	0.00	0.00	0.00
	0	0	8	61	46	40	14	4	1	1	1	0
20	0.00	0.00	3.80	4.35	5.35	6.79	7.50	10.88	11.43	13.45	7.58	0.00
	0.00	0.00	.84	1.98	1.54	1.35	1.74	1.21	0.00	0.00	0.00	0.00
	0	0	8	61	46	40	14	4	1	1	1	0
30	0.00	0.00	3.71	4.29	5.07	6.22	5.72	9.15	11.04	11.80	7.58	0.00
	0.00	0.00	.84	1.86	1.60	1.16	1.95	1.22	0.00	0.00	0.00	0.00
	0	0	8	61	46	40	14	4	1	1	1	0
50	0.00	0.00	3.55	4.18	4.46	4.96	4.02	5.90	4.37	8.50	7.50	0.00
	0.00	0.00	1.02	1.73	1.67	1.03	.88	1.35	0.00	0.00	0.00	0.00
	0	0	8	61	46	40	14	4	1	1	1	0
75	0.00	0.00	3.49	3.91	4.01	3.97	2.97	3.62	2.94	5.83	3.33	0.00
	0.00	0.00	.88	1.41	1.44	.74	1.07	.54	0.00	0.00	0.00	0.00
	0	0	8	61	46	40	14	4	1	1	1	0
100	0.00	0.00	3.57	3.65	3.80	3.75	2.99	3.11	3.24	4.00	3.13	0.00
	0.00	0.00	.79	1.08	1.41	.67	.75	.67	0.00	0.00	0.00	0.00
	0	0	8	61	46	40	14	4	1	1	1	0
150	0.00	0.00	3.58	3.66	3.79	3.72	3.35	3.70	3.25	3.87	3.29	0.00
	0.00	0.00	.43	.97	1.09	.63	.37	.36	0.00	0.00	0.00	0.00
	0	0	8	57	43	36	14	4	1	1	1	0
200	0.00	0.00	3.67	3.90	3.95	3.81	3.58	4.21	3.34	3.83	3.70	0.00
	0.00	0.00	.35	.72	.83	.43	.28	.45	0.00	0.00	0.00	0.00
	0	0	7	47	31	30	11	3	1	1	1	0
250	0.00	0.00	3.80	3.95	3.92	3.85	3.63	4.03	3.48	3.80	3.57	0.00
	0.00	0.00	.12	.54	.74	.33	.20	.18	0.00	0.00	0.00	0.00
	0	0	6	39	25	22	7	2	1	1	1	0
300	0.00	0.00	3.87	3.92	3.90	3.85	3.73	4.36	0.00	3.80	3.69	0.00
	0.00	0.00	.12	.41	.61	.28	.24	0.00	0.00	0.00	0.00	0.00
	0	0	5	37	24	22	6	1	0	1	1	0
400	0.00	0.00	3.68	3.85	3.82	3.73	3.53	4.11	0.00	3.80	0.00	0.00
	0.00	0.00	.12	.30	.47	.21	.08	0.00	0.00	0.00	0.00	0.00
	0	0	3	33	22	20	3	1	0	1	0	0
500	0.00	0.00	3.53	3.75	3.73	3.68	3.44	0.00	0.00	3.80	0.00	0.00
	0.00	0.00	0.00	.20	.24	.15	.06	0.00	0.00	0.00	0.00	0.00
	0	0	1	30	22	19	3	0	0	1	0	0
600	0.00	0.00	0.00	3.66	3.63	3.64	3.34	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	.11	.10	.11	.05	0.00	0.00	0.00	0.00	0.00
	0	0	0	22	15	11	3	0	0	0	0	0
800	0.00	0.00	0.00	3.54	3.52	3.56	3.29	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	.11	.09	.08	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	17	10	8	1	0	0	0	0	0
1000	0.00	0.00	0.00	3.45	3.46	3.49	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	.08	.08	.05	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	14	10	8	0	0	0	0	0	0

TEMPERATURE AT SUBAREA 10 N. NFLD BASIN

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M.)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	0.00	0.00	5.60	7.15	8.32	10.01	14.95	17.51	14.29	12.73	12.70	6.37
	0.00	0.00	2.39	3.17	3.13	3.21	3.52	2.16	2.70	2.16	3.45	0.00
	0	0	11	206	185	125	19	5	3	2	6	2
10	11.23	0.00	5.58	7.07	8.23	9.02	12.82	17.44	14.18	13.05	12.50	6.33
	2.06	0.00	2.35	3.25	3.18	3.15	3.12	2.31	2.14	1.58	3.67	0.00
	5	0	11	236	192	136	21	5	5	3	6	2
20	11.23	0.00	5.56	7.06	8.09	8.41	10.75	15.77	11.55	12.82	12.19	6.46
	2.06	0.00	2.32	3.31	3.38	3.21	3.46	2.93	.36	1.82	3.87	0.00
	5	0	11	237	192	136	21	5	5	3	6	2
30	11.23	0.00	5.51	7.05	7.95	7.92	9.39	14.41	8.62	12.56	12.13	6.44
	2.06	0.00	2.28	3.36	3.59	3.53	4.11	4.28	1.43	2.02	4.18	0.00
	5	0	11	237	192	136	21	5	5	3	6	2
50	11.23	0.00	5.40	7.06	7.71	7.14	8.52	12.74	4.25	11.83	11.62	6.30
	2.05	0.00	2.21	3.38	3.94	4.04	4.11	5.92	2.13	2.53	4.45	0.00
	5	0	11	237	192	136	22	5	5	3	6	2
75	11.23	0.00	5.61	6.99	7.47	6.78	7.80	12.58	3.30	7.19	10.74	5.30
	2.01	0.00	2.10	3.35	4.00	3.86	3.91	4.11	1.27	4.32	6.15	0.00
	5	0	11	237	192	136	22	5	5	3	6	2
100	11.20	0.00	5.46	6.78	7.38	6.60	7.47	11.98	3.51	6.09	10.59	5.48
	1.96	0.00	2.16	3.27	3.72	3.59	3.80	3.60	.97	4.57	5.38	0.00
	5	0	11	237	192	136	22	5	5	3	6	2
150	10.71	0.00	5.08	6.55	6.98	6.16	7.07	10.13	3.53	4.97	9.83	4.27
	2.42	0.00	1.72	2.88	3.35	2.86	3.32	3.80	.71	2.62	4.63	0.00
	5	0	11	237	192	136	22	5	5	3	6	2
200	9.80	0.00	5.05	6.25	6.55	5.93	6.41	9.27	4.07	5.57	9.04	3.73
	3.18	0.00	1.41	2.59	3.01	2.51	2.84	3.52	.29	3.23	4.62	0.00
	5	0	11	236	192	136	22	5	5	3	6	2
250	9.00	0.00	4.92	5.88	6.16	5.55	6.03	9.36	4.30	5.58	7.97	3.79
	3.52	0.00	1.14	2.29	2.50	2.08	2.48	3.92	.44	3.05	3.73	0.00
	5	0	11	236	192	136	22	4	5	3	6	2
300	7.90	0.00	4.77	5.53	5.77	5.21	5.61	8.56	4.28	5.09	8.40	3.84
	3.28	0.00	.96	1.97	2.11	1.72	2.12	3.60	.65	2.17	4.49	0.00
	5	0	11	236	192	136	22	4	5	3	6	2
400	6.42	0.00	4.43	5.06	5.11	4.90	4.89	7.57	4.29	4.19	7.13	3.71
	2.50	0.00	.72	1.47	1.36	1.33	1.55	2.71	.27	.79	3.50	0.00
	5	0	11	235	190	135	22	4	4	3	6	2
500	5.27	0.00	4.18	4.66	4.72	4.54	4.47	6.22	4.14	4.02	5.79	3.72
	1.54	0.00	.51	1.05	.90	1.01	1.09	1.59	.21	.66	2.52	0.00
	5	0	11	235	189	135	22	4	4	3	6	2
600	4.58	0.00	3.90	4.37	4.41	4.26	4.10	5.53	4.09	4.06	5.12	3.70
	1.04	0.00	.25	.71	.65	.76	.72	1.08	.30	.47	2.00	0.00
	5	0	10	232	189	135	20	4	3	2	5	2
800	4.09	0.00	3.71	3.98	4.02	3.92	3.86	4.53	3.93	3.79	5.42	3.58
	.68	0.00	.27	.41	.39	.42	.46	.76	.29	0.00	3.03	0.00
	5	0	10	227	183	134	20	4	3	1	5	2
1000	3.77	0.00	3.52	3.77	3.77	3.72	3.67	3.96	3.75	3.65	6.16	3.39
	.39	0.00	.14	.29	.36	.28	.35	.51	.26	0.00	5.29	0.00
	5	0	8	221	178	131	20	4	3	1	5	2

TEMPERATURE AT SUBAREA 11 S.W. NFLD BASIN

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	6.74	7.53	6.26	6.65	7.72	9.85	13.43	16.67	18.24	12.07	10.96	0.00
	3.12	3.96	3.46	4.01	3.81	3.46	4.03	2.90	2.59	3.22	3.43	0.00
	7	52	52	491	500	297	40	131	25	9	51	0
10	6.14	7.59	6.26	6.38	7.52	8.67	10.76	15.61	15.51	12.53	10.81	0.00
	2.55	4.00	3.56	4.00	3.86	3.52	3.84	3.63	3.40	3.17	3.40	0.00
	13	52	57	584	575	392	75	135	28	9	51	0
20	6.14	7.63	6.29	6.37	7.21	7.98	8.51	12.73	12.63	11.61	10.57	0.00
	2.61	4.07	3.65	4.05	4.07	3.86	4.38	4.42	4.43	3.99	3.57	0.00
	13	52	57	588	575	393	75	135	28	9	51	0
30	6.20	7.65	6.27	6.39	6.90	7.28	6.53	9.00	9.69	11.04	9.99	0.00
	2.75	4.13	3.72	4.12	4.28	4.17	4.88	4.70	4.39	4.48	3.93	0.00
	13	52	57	589	575	394	75	135	28	9	51	0
50	6.46	7.68	6.43	6.39	6.57	6.11	4.64	5.40	6.45	6.58	7.98	0.00
	3.03	4.29	3.72	4.16	4.57	4.67	5.64	5.14	5.52	5.14	4.56	0.00
	13	52	57	589	575	394	77	135	28	9	51	0
75	6.67	7.71	6.62	6.50	6.48	5.90	4.47	5.50	6.80	3.28	7.12	0.00
	3.28	4.36	3.62	4.08	4.53	4.54	5.44	4.93	4.64	4.50	4.64	0.00
	13	52	57	589	575	394	77	135	28	9	51	0
100	6.64	7.79	6.76	6.53	6.47	5.94	5.11	5.90	6.96	3.02	6.95	0.00
	3.42	4.29	3.52	3.92	4.28	4.21	4.99	4.41	4.22	4.26	4.48	0.00
	13	52	56	589	575	394	77	134	28	9	51	0
150	6.47	7.77	6.58	6.57	6.36	5.90	5.80	6.02	6.87	3.68	6.62	0.00
	3.12	4.06	3.16	3.42	3.66	3.51	4.10	3.69	3.37	3.94	3.65	0.00
	13	52	56	586	575	394	77	133	28	9	51	0
200	6.24	7.43	6.28	6.28	6.21	5.80	5.78	5.92	6.62	4.50	6.31	0.00
	2.68	3.70	2.79	2.98	3.08	3.05	3.50	3.19	2.81	3.21	3.02	0.00
	13	51	55	585	575	394	78	131	28	9	51	0
250	6.08	7.13	6.09	5.96	5.94	5.63	5.69	5.82	6.32	4.79	6.06	0.00
	2.32	3.36	2.21	2.51	2.62	2.62	3.08	2.70	2.27	2.93	2.62	0.00
	13	51	54	584	575	394	78	129	28	9	51	0
300	5.79	6.68	5.86	5.67	5.66	5.43	5.69	5.61	5.81	5.05	5.77	0.00
	1.99	2.98	1.81	2.12	2.22	2.21	2.76	2.34	1.78	2.32	2.34	0.00
	13	51	53	584	575	393	77	125	27	9	51	0
400	5.03	5.95	5.41	5.14	5.18	5.03	5.30	5.20	4.97	5.04	5.38	0.00
	1.33	2.14	1.36	1.40	1.51	1.51	2.17	1.63	1.26	1.70	1.85	0.00
	13	51	51	580	572	391	78	122	27	9	50	0
500	4.53	5.30	4.98	4.73	4.78	4.72	5.04	4.92	4.78	4.81	5.01	0.00
	.96	1.55	.97	.89	.97	1.01	1.79	1.12	.84	1.16	1.36	0.00
	13	51	50	568	564	388	78	99	27	9	50	0
600	4.18	4.87	4.61	4.45	4.48	4.44	4.78	4.61	4.53	4.48	4.61	0.00
	.70	1.17	.67	.59	.65	.69	1.46	.74	.45	.58	.84	0.00
	13	51	48	566	556	387	78	70	23	9	49	0
800	3.92	4.33	4.20	4.08	4.10	4.09	4.35	4.21	4.30	4.20	4.20	0.00
	.39	.73	.44	.41	.39	.44	.97	.44	.34	.47	.42	0.00
	13	51	44	558	551	375	77	70	23	4	48	0
1000	3.79	4.09	3.92	3.83	3.86	3.85	4.03	3.92	4.00	3.88	3.92	0.00
	.30	.58	.33	.28	.32	.34	.55	.24	.26	.29	.25	0.00
	13	49	40	540	538	370	73	58	23	3	48	0

TEMPERATURE AT SUBAREA 12 E. SLOPE

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	1.91	.87	.90	1.11	2.71	5.57	9.54	14.19	13.18	9.38	7.10	3.44
	1.29	1.60	1.98	2.17	2.19	2.52	3.30	2.41	2.63	2.68	3.05	1.81
	12	29	51	520	570	356	60	200	23	12	28	3
10	1.74	.94	.87	1.01	2.38	4.45	7.15	11.98	10.35	9.41	6.68	3.19
	1.41	1.71	2.00	2.19	2.10	2.23	2.55	3.20	4.23	2.67	3.15	1.99
	16	29	51	595	650	451	91	207	24	15	28	3
20	1.66	1.03	.90	.93	1.81	3.35	5.01	8.07	6.09	8.01	6.17	2.30
	1.37	1.88	2.13	2.24	2.07	2.26	2.58	4.03	4.10	2.87	3.11	2.38
	16	29	51	597	651	452	91	207	24	15	28	3
30	1.71	1.06	.92	.88	1.27	2.27	2.84	4.60	3.44	6.57	5.66	2.21
	1.48	1.97	2.17	2.33	2.10	2.32	2.63	3.92	4.18	3.40	3.21	2.45
	16	29	51	598	652	453	91	207	24	15	28	3
50	1.98	1.04	1.02	.84	.67	.79	.79	1.11	.43	3.86	3.97	2.36
	2.67	1.98	2.30	2.46	2.22	2.23	2.50	2.70	2.41	3.78	3.27	2.65
	16	29	50	593	640	442	87	204	22	15	29	3
75	2.17	.96	1.30	1.01	.66	.57	.34	.49	.16	1.82	2.97	1.47
	3.44	1.85	2.26	2.48	2.24	2.32	2.48	2.40	1.78	3.46	3.04	1.76
	14	28	48	551	614	419	82	202	20	15	25	3
100	2.43	1.27	1.48	1.34	.96	.89	.54	.78	.44	1.43	2.81	.99
	3.49	2.03	2.22	2.44	2.27	2.41	2.54	2.28	2.05	3.44	2.80	1.40
	12	25	45	517	574	390	78	201	20	13	25	3
150	2.30	1.64	1.99	1.99	1.61	1.61	1.08	1.49	1.30	1.91	2.95	3.05
	2.69	2.04	1.97	2.20	2.13	2.28	2.29	2.21	2.10	2.28	2.29	2.07
	12	24	42	483	543	366	74	195	18	13	24	2
200	2.34	2.06	2.39	2.52	2.33	2.26	1.78	2.03	1.80	2.78	3.09	4.02
	2.14	2.00	1.86	1.83	1.82	1.93	2.10	1.95	1.84	1.76	2.12	1.09
	12	23	40	444	501	335	67	189	16	13	23	2
250	3.16	2.59	2.76	2.92	2.90	2.85	2.27	2.66	2.53	3.25	3.26	4.15
	1.59	1.80	1.37	1.51	1.44	1.59	1.72	1.53	1.65	1.54	1.73	.81
	11	22	31	417	461	304	59	159	14	11	23	2
300	3.80	3.00	3.00	3.29	3.34	3.20	2.99	3.46	3.04	3.55	3.34	4.19
	2.08	1.62	1.14	1.17	1.13	1.27	1.42	1.08	1.19	1.14	1.55	.47
	11	21	28	372	437	284	49	112	13	11	22	2
400	3.40	3.73	3.59	3.71	3.75	3.66	3.58	3.70	3.56	4.02	3.86	4.30
	.92	.92	.57	.84	.71	.74	1.01	.69	.83	.99	.76	.59
	10	17	23	345	404	270	43	102	10	8	19	2
500	3.80	3.94	3.80	3.84	3.90	3.82	3.86	3.84	3.94	3.94	3.97	4.24
	.43	.53	.35	.52	.50	.49	.73	.51	.57	.51	.52	.52
	9	17	22	316	382	258	39	59	8	8	18	2
600	3.86	3.97	3.91	3.91	3.97	3.89	3.89	3.83	3.91	3.82	3.92	4.24
	.21	.34	.22	.36	.35	.34	.57	.45	.48	.23	.40	.52
	8	15	19	259	329	222	34	21	7	7	18	2
800	3.83	3.89	3.74	3.79	3.84	3.78	3.87	3.76	3.85	3.65	3.77	3.66
	.23	.31	.21	.26	.24	.25	.19	.36	.41	.19	.26	.07
	6	12	13	229	279	196	30	18	6	6	15	2
1000	3.82	3.74	3.63	3.67	3.71	3.69	3.79	3.73	3.76	3.62	3.67	3.55
	.23	.27	.17	.21	.22	.22	.16	.27	.25	.20	.24	.01
	5	11	10	205	219	174	29	17	5	5	15	2

TEMPERATURE AT SUBAREA 13 FLEMISH PASS

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	2.87	2.54	1.72	1.85	3.27	5.62	10.17	11.51	10.83	8.62	7.40	7.17
	2.35	1.65	1.87	1.57	1.58	1.98	2.01	1.78	.77	1.34	1.43	.37
	8	22	33	135	128	93	91	24	6	17	20	4
10	2.81	2.56	1.77	1.64	3.08	4.82	9.11	10.47	10.14	8.59	7.34	7.10
	2.33	1.63	1.83	1.56	1.58	1.66	2.07	1.76	1.40	1.24	1.34	.42
	8	22	33	165	147	102	95	24	6	18	20	4
20	2.91	2.57	1.85	1.61	2.80	4.18	7.53	8.19	8.90	7.96	7.23	7.04
	2.30	1.61	1.77	1.57	1.51	1.65	2.26	2.65	1.77	1.41	1.32	.49
	8	22	33	166	150	102	95	24	6	18	20	4
30	3.01	2.60	1.90	1.56	2.55	3.59	5.29	5.57	7.65	6.86	6.97	6.91
	2.28	1.53	1.69	1.60	1.55	1.68	2.32	2.78	2.35	1.75	1.36	.65
	8	22	33	166	150	102	95	25	6	18	20	4
50	3.07	2.54	2.06	1.58	2.08	2.44	2.54	1.70	3.88	4.55	5.36	6.26
	2.20	1.34	1.43	1.61	1.63	1.48	2.07	1.98	3.30	2.52	1.73	1.38
	8	22	33	166	150	102	95	25	6	18	20	4
75	3.02	2.69	2.30	1.88	2.09	2.17	2.13	1.47	2.85	4.08	4.05	4.98
	2.13	1.31	1.19	1.52	1.41	1.24	1.57	1.20	3.44	1.74	1.60	1.68
	8	22	33	166	150	102	95	25	6	18	20	4
100	2.85	3.09	2.62	2.25	2.45	2.42	2.41	1.98	2.93	3.64	3.58	4.04
	1.82	1.32	.98	1.41	1.29	1.05	1.31	1.25	3.00	.94	1.13	.29
	8	22	33	166	150	102	94	25	6	18	20	4
150	3.34	3.73	3.29	2.86	3.02	2.81	3.05	2.84	3.43	4.06	3.76	4.30
	1.46	1.01	.95	1.19	.99	.91	1.05	.84	2.06	1.12	.59	.55
	8	22	33	166	150	102	93	25	6	18	20	3
200	3.72	4.13	3.75	3.34	3.47	3.17	3.33	3.34	3.75	4.00	4.03	4.22
	1.00	.38	.71	.98	.86	.71	.82	.60	1.05	.78	.46	.42
	8	22	33	166	150	102	93	23	6	18	19	3
250	3.75	4.15	3.94	3.58	3.69	3.46	3.51	3.63	3.79	3.96	4.03	3.94
	.87	.34	.58	.79	.65	.57	.63	.50	.44	.44	.45	.21
	8	21	31	164	150	100	92	23	6	17	19	3
300	3.76	4.12	4.12	3.75	3.82	3.63	3.63	3.81	3.60	3.86	4.02	3.81
	.68	.29	.45	.66	.52	.46	.49	.46	.75	.35	.38	.18
	7	21	29	160	148	99	88	22	6	16	18	3
400	3.88	3.99	4.13	3.84	3.88	3.72	3.68	3.86	3.62	3.78	3.97	3.69
	.27	.27	.27	.44	.38	.31	.37	.42	.52	.30	.37	.16
	7	20	27	149	129	96	78	22	6	13	17	2
500	3.90	3.90	4.05	3.84	3.85	3.72	3.72	3.83	3.78	3.77	3.85	3.65
	.28	.26	.23	.33	.31	.25	.32	.38	.17	.24	.33	.11
	7	16	25	140	123	91	63	16	5	13	17	2
600	3.89	3.84	3.99	3.80	3.82	3.70	3.80	3.78	3.81	3.72	3.80	3.64
	.07	.23	.22	.28	.28	.22	.24	.33	.13	.20	.34	.15
	3	14	23	118	106	79	42	16	5	13	15	2
800	3.86	3.68	3.82	3.68	3.68	3.61	3.74	3.72	3.72	3.84	3.70	3.46
	.11	.18	.19	.22	.21	.17	.22	.26	.25	.68	.31	0.00
	2	10	17	101	88	67	19	13	4	9	12	1
1000	3.68	3.49	3.73	3.57	3.57	3.52	3.62	3.57	3.62	3.50	3.56	0.00
	0.00	.12	.20	.19	.19	.15	.13	.26	.18	.16	.28	0.00
	1	5	10	77	66	40	8	13	3	6	10	0

TEMPERATURE AT SUBAREA 14 N.E. SLOPE

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	.53	-.27	-.34	-.15	1.54	4.09	9.50	11.44	10.37	7.25	3.81	1.06
	.98	.85	.83	.88	1.32	1.65	1.80	1.70	3.14	1.17	1.45	1.95
	17	29	52	392	495	405	258	107	26	25	37	3
10	.47	-.22	-.36	-.29	1.43	3.27	8.15	9.55	9.77	6.88	3.69	1.03
	1.02	.79	.88	.79	1.28	1.36	2.11	2.46	3.36	1.35	1.36	1.95
	17	35	53	497	539	422	265	107	26	27	37	3
20	.51	-.18	-.36	-.35	1.16	2.32	5.70	5.67	7.04	5.92	3.55	1.02
	1.01	.80	.91	.78	1.19	1.40	2.55	3.98	3.15	1.87	1.33	1.94
	17	35	53	501	552	422	265	107	26	27	37	3
30	.54	-.15	-.35	-.44	.74	1.46	2.69	2.15	4.37	4.51	3.25	1.01
	1.02	.82	.91	.80	1.09	1.57	2.39	3.07	3.69	2.39	1.37	1.94
	17	35	54	502	552	423	265	107	26	27	37	3
50	.58	-.08	-.26	-.57	-.11	-.08	-.36	-.48	1.20	1.04	1.37	.90
	1.05	.86	.98	.88	1.07	1.35	1.31	1.74	3.51	2.99	1.66	1.91
	17	35	54	502	552	423	264	107	26	27	37	3
75	.64	.05	-.06	-.54	-.41	-.56	-.83	-.69	.59	-.01	.13	.39
	1.18	.96	1.09	1.01	1.06	1.12	.96	1.64	3.27	1.62	1.41	2.42
	17	35	54	494	545	418	264	107	26	27	37	3
100	.72	.31	.30	-.16	-.10	-.28	-.66	-.40	.78	.14	.16	.35
	1.31	1.05	1.15	1.11	1.10	1.18	1.05	1.75	3.29	1.34	1.46	2.21
	16	34	53	429	506	392	232	92	22	26	35	3
150	1.44	1.26	1.20	.83	.96	.73	.29	.78	2.12	1.51	.99	2.05
	1.35	1.20	1.05	1.17	1.08	1.33	1.22	1.87	3.13	1.34	1.55	0.00
	13	23	34	311	377	292	145	66	13	18	23	1
200	2.46	2.41	2.35	1.83	1.94	1.75	1.30	2.06	3.11	2.97	2.55	2.19
	.70	.73	.85	1.03	.95	1.10	1.33	1.72	2.62	.95	1.22	0.00
	9	12	15	217	271	212	96	45	8	11	11	1
250	3.29	3.08	3.27	2.45	2.67	2.62	2.36	3.13	3.73	3.29	3.10	2.29
	.41	.68	.43	.88	.74	.81	1.10	1.44	1.36	.51	.87	0.00
	6	11	10	170	206	145	57	32	6	9	9	1
300	3.60	3.47	3.57	2.92	3.10	3.00	2.93	3.59	3.35	3.52	3.43	0.00
	.41	.55	.29	.77	.63	.68	.75	1.14	.66	.49	.54	0.00
	6	10	10	138	171	120	50	28	6	9	8	0
400	4.11	3.75	3.82	3.43	3.55	3.45	3.37	3.81	3.16	3.70	3.72	0.00
	.52	.59	.34	.52	.44	.43	.34	.88	.24	.39	.45	0.00
	3	8	8	117	128	93	41	17	4	8	6	0
500	4.00	4.06	3.89	3.69	3.66	3.57	3.47	3.78	3.43	3.70	3.69	0.00
	.41	.40	.33	.32	.35	.37	.31	.55	.27	.43	.16	0.00
	3	5	7	93	107	85	38	15	2	5	2	0
600	4.29	3.79	3.80	3.79	3.74	3.66	3.58	3.90	0.00	4.23	3.77	0.00
	0.00	.24	.27	.27	.29	.31	.38	.47	0.00	0.00	0.00	0.00
	1	3	3	63	65	58	25	7	0	1	1	0
800	0.00	3.83	3.37	3.64	3.70	3.65	3.53	3.65	0.00	0.00	3.74	0.00
	0.00	.04	0.00	.19	.24	.26	.30	.29	0.00	0.00	0.00	0.00
	0	2	1	39	36	34	16	5	0	0	1	0
1000	0.00	0.00	0.00	3.52	3.64	3.63	3.38	3.65	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	.14	.23	.23	.08	.24	0.00	0.00	0.00	0.00
	0	0	0	24	18	24	6	3	0	0	0	0

TEMPERATURE AT SUBAREA 15 N. SLOPE

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	0.00	0.00	-.03	-.24	1.69	4.23	9.92	12.62	10.89	6.60	2.88	0.00
	0.00	0.00	.63	.89	1.45	1.48	1.80	1.19	2.61	1.41	0.00	0.00
	0	0	3	25	48	70	127	36	7	12	2	0
10	0.00	0.00	-.09	-.31	1.43	3.50	8.13	9.68	10.70	6.19	2.94	0.00
	0.00	0.00	.67	.85	1.28	1.15	1.83	2.49	2.46	1.50	0.00	0.00
	0	0	3	25	48	70	127	36	8	12	2	0
20	0.00	0.00	-.06	-.35	1.16	2.56	5.23	6.07	8.26	5.84	2.89	0.00
	0.00	0.00	.69	.84	1.12	1.24	2.20	4.00	2.56	1.78	0.00	0.00
	0	0	3	25	48	70	127	36	8	12	2	0
30	0.00	0.00	-.18	-.38	.81	1.65	2.54	1.97	4.25	4.54	2.95	0.00
	0.00	0.00	.65	.83	.98	1.47	2.19	2.44	4.58	2.16	0.00	0.00
	0	0	3	25	48	70	127	36	8	12	2	0
50	0.00	0.00	-.33	-.46	-.22	-.19	-.41	-.40	.98	-.07	2.21	0.00
	0.00	0.00	.45	.79	.74	1.13	.96	1.25	3.88	1.49	0.00	0.00
	0	0	3	25	48	70	128	36	8	12	2	0
75	0.00	0.00	-.52	-.84	-.81	-.89	-1.01	-1.02	-1.07	-.84	-1.03	0.00
	0.00	0.00	.23	.66	.54	.61	.62	.64	.48	.87	0.00	0.00
	0	0	3	25	48	69	125	36	7	12	2	0
100	0.00	0.00	-.51	-.67	-.71	-.72	-.89	-1.03	-1.02	-.73	0.00	0.00
	0.00	0.00	.14	.38	.64	1.33	.65	.71	.43	1.08	0.00	0.00
	0	0	2	22	44	63	118	36	7	11	0	0
150	0.00	0.00	0.00	-.04	-.02	.19	-.05	-.36	-.50	.78	0.00	0.00
	0.00	0.00	0.00	.58	.62	1.72	1.07	1.00	.77	1.36	0.00	0.00
	0	0	0	8	20	27	80	22	3	6	0	0
200	0.00	0.00	0.00	1.21	.95	1.07	1.21	.87	0.00	3.11	0.00	0.00
	0.00	0.00	0.00	.86	.74	1.10	1.18	1.14	0.00	.16	0.00	0.00
	0	0	0	3	5	13	40	7	0	2	0	0
250	0.00	0.00	0.00	1.60	2.08	2.06	2.69	3.30	0.00	3.22	0.00	0.00
	0.00	0.00	0.00	.98	.22	.28	.75	0.00	0.00	0.00	0.00	0.00
	0	0	0	3	2	4	13	1	0	1	0	0
300	0.00	0.00	0.00	1.93	2.67	2.28	3.27	3.32	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	1.07	0.00	.23	.48	0.00	0.00	0.00	0.00	0.00
	0	0	0	3	1	4	11	1	0	0	0	0
400	0.00	0.00	0.00	2.92	3.18	2.71	3.45	3.51	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	.63	0.00	.10	.17	0.00	0.00	0.00	0.00	0.00
	0	0	0	3	1	2	8	1	0	0	0	0
500	0.00	0.00	0.00	3.46	0.00	3.31	3.52	3.36	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	.28	0.00	0.00	.22	0.00	0.00	0.00	0.00	0.00
	0	0	0	3	0	1	5	1	0	0	0	0
600	0.00	0.00	0.00	3.86	0.00	0.00	3.69	3.21	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	.35	0.00	0.00	0.00	0.00	0.00
	0	0	0	1	0	0	2	1	0	0	0	0
800	0.00	0.00	0.00	3.74	0.00	0.00	3.49	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	.08	0.00	0.00	0.00	0.00	0.00
	0	0	0	1	0	0	2	0	0	0	0	0

TEMPERATURE AT SUBAREA 16 BACCAIU

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	0.00	0.00	-.42	-.79	1.75	4.53	9.50	13.08	9.34	7.18	0.00	0.00
	0.00	0.00	.67	.45	1.64	1.72	1.83	1.49	1.07	2.00	0.00	0.00
	0	0	3	16	38	61	72	23	13	5	0	0
10	0.00	0.00	-.44	-.82	1.17	3.46	6.72	10.80	9.45	7.14	0.00	0.00
	0.00	0.00	.55	.45	1.18	1.39	1.84	2.89	1.32	2.19	0.00	0.00
	0	0	3	16	38	62	75	23	16	5	0	0
20	0.00	0.00	-.42	-.85	.53	2.05	3.32	5.03	8.37	6.42	0.00	0.00
	0.00	0.00	.55	.45	.88	1.59	2.20	4.24	2.39	3.16	0.00	0.00
	0	0	3	16	38	62	75	23	16	5	0	0
30	0.00	0.00	-.50	-.92	.04	.84	1.03	.79	4.94	4.79	0.00	0.00
	0.00	0.00	.53	.46	.77	1.68	2.09	2.01	3.20	3.41	0.00	0.00
	0	0	3	16	38	62	75	23	16	5	0	0
50	0.00	0.00	-.62	-1.22	-.89	-.84	-1.03	-.92	-.15	.30	0.00	0.00
	0.00	0.00	.60	.50	.49	.81	.71	.51	.93	1.51	0.00	0.00
	0	0	3	16	38	62	74	23	16	5	0	0
75	0.00	0.00	-.74	-1.48	-1.30	-1.30	-1.35	-1.38	-1.07	-.88	0.00	0.00
	0.00	0.00	.46	.19	.50	.48	.68	.26	.44	.35	0.00	0.00
	0	0	3	16	38	62	74	23	16	5	0	0
100	0.00	0.00	-.78	-1.43	-1.41	-1.37	-1.33	-1.43	-1.32	-1.09	0.00	0.00
	0.00	0.00	.42	.20	.30	.35	.65	.22	.26	.27	0.00	0.00
	0	0	3	16	38	61	76	22	16	5	0	0
150	0.00	0.00	-1.33	-.78	-.84	-1.13	-1.02	-1.10	-1.17	-1.14	0.00	0.00
	0.00	0.00	0.00	.42	.56	.36	.75	.41	.33	.22	0.00	0.00
	0	0	1	9	32	51	65	21	14	4	0	0
200	0.00	0.00	-.88	-.30	-.75	-.41	-.42	-.49	-.01	-1.20	0.00	0.00
	0.00	0.00	0.00	1.12	.52	.63	1.06	.72	.60	.57	0.00	0.00
	0	0	1	3	7	13	23	7	3	2	0	0
250	0.00	0.00	0.00	0.00	0.00	-.31	1.69	-.19	.32	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	.30	1.93	0.00	0.00	0.00	0.00	0.00
	0	0	0	0	0	2	4	1	1	0	0	0
300	0.00	0.00	0.00	0.00	0.00	-.42	3.18	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	0	0	1	1	0	0	0	0	0

TEMPERATURE AT SUBAREA 17 N. AVALON CHANNEL

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	.06	-.70	-.82	-.09	1.91	5.22	10.54	13.04	11.56	8.55	5.09	2.59
	.75	1.13	.74	.83	1.43	1.95	1.85	1.68	1.40	1.48	1.54	.95
	42	45	57	72	85	93	121	111	69	77	67	35
10	.06	-.83	-.96	-.28	1.54	4.48	9.23	11.29	11.17	8.44	5.00	2.53
	.78	1.12	.73	.78	1.33	1.72	1.85	2.35	1.39	1.51	1.47	.88
	42	46	57	72	85	96	122	112	70	80	67	35
20	.08	-.87	-.99	-.40	1.13	3.23	6.31	7.49	9.96	8.28	4.87	2.47
	.82	1.07	.72	.73	1.20	1.60	2.33	3.40	2.35	1.46	1.43	.87
	42	46	57	72	85	96	122	112	70	80	67	35
30	.07	-.87	-1.03	-.52	.57	1.80	2.99	3.47	7.61	7.45	4.68	2.40
	.86	1.05	.71	.67	1.03	1.66	2.34	3.00	3.19	1.74	1.40	.87
	42	46	57	72	85	96	122	112	70	80	67	35
50	.05	-.91	-1.09	-.86	-.42	-.23	-.26	-.14	2.25	4.42	3.72	1.88
	.94	1.02	.70	.53	.72	1.09	1.11	1.14	2.44	2.79	1.18	.88
	42	46	57	72	85	96	122	112	70	80	67	35
75	.03	-.89	-1.15	-1.12	-.98	-1.02	-1.05	-1.00	-.16	.86	2.00	1.38
	1.08	.89	.64	.45	.55	.58	.52	.58	.95	1.82	1.32	.80
	42	45	57	72	85	95	122	112	70	79	67	35
100	-.05	-.83	-1.14	-1.20	-1.21	-1.25	-1.23	-1.22	-.93	-.60	.32	.81
	.96	.73	.54	.44	.36	.36	.41	.38	.60	.87	1.25	.72
	42	45	56	72	82	94	120	112	68	79	67	35
150	-.31	-.60	-.91	-1.07	-1.02	-1.18	-1.17	-1.24	-1.16	-1.11	-1.01	-.47
	.52	.51	.52	.42	.38	.31	.37	.40	.35	.32	.40	.65
	39	45	46	58	76	76	82	74	59	69	62	34
200	0.00	0.00	0.00	0.00	-.70	-1.60	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	0	1	1	0	0	0	0	0	0

TEMPERATURE AT SUBAREA 18 N.E. AVALON CHANNEL

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	.30	0.00	-.44	.45	2.34	4.89	11.48	13.58	12.44	8.98	4.41	4.38
	.27	0.00	1.09	.90	1.44	2.00	1.26	1.93	1.97	1.41	2.93	1.61
	3	0	7	6	28	17	59	8	12	14	3	3
10	.66	.32	-.38	.45	2.23	4.42	10.67	13.14	12.18	9.19	4.34	4.24
	.93	0.00	1.18	.92	1.31	1.81	1.58	1.76	2.21	1.62	2.70	1.74
	3	1	7	6	28	17	59	8	12	16	3	3
20	.66	.27	-.35	.45	1.81	3.85	8.63	9.20	11.07	8.73	4.37	4.23
	.90	0.00	1.16	.94	1.37	1.76	2.59	3.33	2.28	1.49	2.79	1.73
	3	1	7	6	28	17	59	8	12	16	3	3
30	.67	.23	-.33	.35	1.40	3.12	5.16	5.17	7.58	7.62	4.38	4.28
	.87	0.00	1.18	.87	1.20	1.54	2.83	3.14	3.24	1.75	2.84	1.69
	3	1	7	6	28	18	59	8	12	16	3	3
50	.67	.15	-.41	-.14	.12	1.10	.87	2.43	1.09	1.44	3.86	3.32
	.95	0.00	1.13	.67	.90	1.18	1.23	3.49	1.64	2.31	1.87	2.91
	3	1	7	6	28	18	59	8	12	16	3	3
75	.10	.04	-.46	-.55	-.64	-.31	-.28	-.44	-.17	-.53	-.15	-.55
	.48	0.00	1.01	.57	.67	.70	.84	.60	.58	.84	.60	.41
	3	1	7	6	28	18	59	8	12	15	3	3
100	.02	.58	-.55	-.84	-.70	-.71	-.65	-.78	-.55	-.91	-.85	-1.19
	.75	0.00	.65	.50	.50	.50	.64	.54	.73	.44	.76	0.00
	2	1	5	3	23	13	39	5	8	12	3	1
150	0.00	0.00	0.00	-.81	-.75	-.23	-.43	-1.13	-.48	-.45	0.00	0.00
	0.00	0.00	0.00	0.00	.58	.26	.32	0.00	.11	.34	0.00	0.00
	0	0	0	1	5	3	4	1	2	2	0	0

TEMPERATURE AT SUBAREA 19 N.W. GRAND BANK

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	0.00	-.16	1.10	1.65	3.51	6.63	10.86	14.62	12.65	11.54	0.00	0.00
	0.00	0.00	1.58	1.44	1.25	2.68	1.67	1.15	2.71	2.60	0.00	0.00
	0	1	8	20	21	9	16	73	13	3	0	0
10	0.00	-.57	1.11	1.58	3.44	6.38	10.15	13.43	12.51	12.38	0.00	0.00
	0.00	0.00	1.53	1.39	1.20	2.76	1.75	2.22	2.75	2.70	0.00	0.00
	0	1	8	20	21	9	16	73	13	4	0	0
20	0.00	-.56	1.13	1.51	3.22	4.91	8.19	11.08	12.08	11.59	0.00	0.00
	0.00	0.00	1.48	1.35	1.37	2.85	1.97	2.92	2.88	2.08	0.00	0.00
	0	1	8	20	21	9	16	73	13	4	0	0
30	0.00	-.57	1.14	1.36	2.80	3.54	5.30	6.83	10.17	10.61	0.00	0.00
	0.00	0.00	1.46	1.26	1.36	3.16	1.98	2.64	3.11	2.42	0.00	0.00
	0	1	8	20	21	9	16	73	13	4	0	0
50	0.00	-.57	1.14	.91	1.46	1.56	1.23	1.50	2.39	5.30	0.00	0.00
	0.00	0.00	1.50	1.06	1.31	2.20	1.15	.98	1.45	4.11	0.00	0.00
	0	1	8	20	20	9	15	73	12	4	0	0
75	0.00	0.00	1.41	.13	.62	.74	-.11	.35	.63	1.90	0.00	0.00
	0.00	0.00	.32	.75	.97	.34	1.05	.64	.55	0.00	0.00	0.00
	0	0	2	17	10	2	6	46	5	1	0	0
100	0.00	0.00	0.00	0.00	-.67	0.00	0.00	-1.60	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	0	2	0	0	1	0	0	0	0
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.57	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	0	0	0	0	1	0	0	0	0

TEMPERATURE AT SUBAREA 20 N.E. GRAND BANK

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	.65	-1.40	-.03	.54	2.78	5.06	10.52	13.06	11.42	8.73	5.48	5.54
	.51	0.00	.71	.95	1.61	2.20	1.91	1.44	3.00	1.49	1.14	1.02
	6	1	22	131	173	119	122	33	18	10	4	2
10	.89	-1.13	-.18	.40	2.59	4.42	9.60	12.22	11.29	9.53	5.45	5.56
	.17	0.00	.74	.88	1.52	1.59	2.07	1.56	2.97	2.34	1.04	1.02
	6	1	22	152	183	124	126	34	18	13	4	2
20	.88	-1.12	-.17	.34	2.28	3.69	7.69	9.82	10.00	9.25	5.34	5.57
	.18	0.00	.75	.84	1.49	1.36	2.33	2.84	2.89	2.20	.99	1.01
	6	1	22	152	183	125	127	34	18	13	4	2
30	.84	-1.18	-.18	.26	1.74	2.86	5.17	5.94	7.83	8.31	4.81	5.55
	.21	0.00	.77	.82	1.38	1.38	2.30	2.63	4.03	2.57	.58	1.01
	6	1	22	152	183	125	127	34	18	13	4	2
50	.81	-1.30	-.09	.02	.58	.88	.79	1.28	1.14	1.99	3.04	4.55
	.24	0.00	.77	.78	1.00	1.23	1.37	1.42	1.96	3.70	.61	.35
	6	1	19	145	179	124	127	34	18	13	4	2
75	.56	0.00	-.38	-.45	-.38	-.35	-.17	.01	-.21	-.01	0.00	-.18
	.42	0.00	.57	.55	.68	.69	.95	1.22	.74	1.17	0.00	0.00
	6	0	8	79	90	58	98	15	8	4	0	1
100	0.00	0.00	0.00	-.54	-.31	-.55	1.48	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	.35	.52	.27	2.78	0.00	0.00	0.00	0.00	0.00
	0	0	0	6	6	4	4	0	0	0	0	0
150	0.00	0.00	0.00	-.72	-.40	-.78	4.29	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	1	1	1	1	0	0	0	0	0
200	0.00	0.00	0.00	-.39	0.00	.92	3.99	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	1	0	1	1	0	0	0	0	0
250	0.00	0.00	0.00	.80	0.00	0.00	3.73	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	1	0	0	1	0	0	0	0	0
300	0.00	0.00	0.00	1.52	0.00	0.00	3.57	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	1	0	0	1	0	0	0	0	0
400	0.00	0.00	0.00	0.00	0.00	0.00	3.57	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	0	0	0	1	0	0	0	0	0
500	0.00	0.00	0.00	0.00	0.00	0.00	3.52	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	0	0	0	1	0	0	0	0	0
600	0.00	0.00	0.00	0.00	0.00	0.00	3.47	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	0	0	0	1	0	0	0	0	0
800	0.00	0.00	0.00	0.00	0.00	0.00	3.42	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	0	0	0	1	0	0	0	0	0
1000	0.00	0.00	0.00	0.00	0.00	0.00	3.38	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	0	0	0	1	0	0	0	0	0

TEMPERATURE AT SUBAREA 21 S.E. GRAND BANK

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	2.24	1.06	1.13	1.51	3.29	7.61	11.91	17.01	14.49	10.76	5.15	1.55
	1.68	1.05	.97	1.61	2.01	2.55	2.30	1.77	1.98	2.13	1.71	0.00
	5	14	45	227	180	157	70	192	28	11	11	1
10	2.19	1.03	1.10	1.33	2.96	6.51	10.05	14.94	13.09	11.38	5.03	1.50
	1.62	1.02	.96	1.41	1.81	2.58	2.50	2.72	3.20	2.91	1.66	0.00
	5	14	45	238	191	169	74	194	37	16	13	1
20	2.15	.89	1.07	1.15	2.42	4.88	7.40	10.28	9.58	8.84	4.97	1.41
	1.59	.95	.97	1.40	1.66	2.28	3.25	4.17	4.48	3.57	1.66	0.00
	5	14	45	238	191	169	77	194	37	16	13	1
30	2.09	.71	1.04	1.04	1.76	3.18	3.96	5.16	4.02	6.16	4.50	1.39
	1.55	.79	1.00	1.44	1.51	1.97	2.46	3.57	3.32	4.72	1.53	0.00
	5	14	45	237	190	169	76	194	37	16	13	1
50	1.87	.64	1.04	.85	.69	1.12	1.68	2.02	.73	1.44	2.56	.69
	1.63	.61	.98	1.58	1.37	1.72	1.83	1.59	1.65	2.11	.94	0.00
	5	10	40	183	149	124	49	149	27	13	13	1
75	0.00	.80	.40	1.01	-.06	.16	.02	-.22	-.10	-1.13	1.48	0.00
	0.00	.31	.98	2.79	1.74	2.13	.64	1.52	1.21	.60	0.00	0.00
	0	3	7	41	44	28	2	7	4	2	1	0
100	0.00	.93	1.85	2.79	-.65	-.17	0.00	.43	-1.50	-1.50	0.00	0.00
	0.00	0.00	.25	4.26	.42	2.38	0.00	2.91	0.00	0.00	0.00	0.00
	0	1	2	16	11	13	0	4	1	1	0	0
150	0.00	0.00	2.49	3.59	-.34	.48	0.00	1.06	0.00	-1.38	0.00	0.00
	0.00	0.00	3.87	4.24	.59	2.62	0.00	2.76	0.00	0.00	0.00	0.00
	0	0	2	11	4	10	0	4	0	1	0	0
200	0.00	0.00	6.05	4.35	.32	1.16	0.00	2.43	0.00	-.90	0.00	0.00
	0.00	0.00	1.39	3.20	.37	2.50	0.00	3.30	0.00	0.00	0.00	0.00
	0	0	2	8	2	10	0	4	0	1	0	0
250	0.00	0.00	5.25	3.58	1.11	2.17	0.00	5.13	0.00	.20	0.00	0.00
	0.00	0.00	0.00	2.19	.15	2.17	0.00	2.52	0.00	0.00	0.00	0.00
	0	0	1	8	2	9	0	2	0	1	0	0
300	0.00	0.00	5.91	3.16	1.95	2.85	0.00	3.69	0.00	1.30	0.00	0.00
	0.00	0.00	0.00	2.01	.34	1.82	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	1	4	2	9	0	1	0	1	0	0
400	0.00	0.00	0.00	3.44	2.61	3.74	0.00	3.08	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	1.19	.38	.68	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	3	2	9	0	1	0	0	0	0
500	0.00	0.00	0.00	3.65	2.99	4.00	0.00	3.61	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	.69	0.00	.50	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	3	1	9	0	1	0	0	0	0
600	0.00	0.00	0.00	4.02	0.00	4.21	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	.37	0.00	.49	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	2	0	6	0	0	0	0	0	0
800	0.00	0.00	0.00	3.90	0.00	4.11	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	.06	0.00	.35	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	2	0	6	0	0	0	0	0	0
1000	0.00	0.00	0.00	3.67	0.00	3.95	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	.06	0.00	.29	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	2	0	6	0	0	0	0	0	0

TEMPERATURE AT SUBAREA 22 S.W. GRAND BANK

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	0.00	1.07	1.10	2.30	4.38	8.15	12.77	16.94	16.03	12.03	9.59	0.00
	0.00	.88	1.65	1.48	1.56	2.44	1.27	1.25	2.41	2.07	1.16	0.00
	0	5	55	97	63	70	76	122	16	12	3	0
10	0.00	1.55	1.06	2.23	4.14	7.73	11.72	15.68	15.90	12.01	9.62	0.00
	0.00	.93	1.66	1.46	1.44	2.37	1.72	1.63	2.20	2.02	1.11	0.00
	0	8	55	97	64	72	77	122	18	13	3	0
20	0.00	1.49	1.02	2.15	3.88	6.66	9.45	12.49	12.85	12.11	9.59	0.00
	0.00	1.04	1.66	1.42	1.36	2.04	2.74	3.61	2.62	1.96	1.07	0.00
	0	8	55	97	64	72	77	122	18	13	3	0
30	0.00	1.47	.99	2.06	3.56	4.80	6.76	7.75	8.56	10.58	9.54	0.00
	0.00	1.05	1.67	1.38	1.25	2.29	2.57	3.23	4.16	2.07	1.01	0.00
	0	8	55	97	64	72	77	122	18	13	3	0
50	0.00	1.38	.95	1.82	2.51	2.01	2.59	2.25	2.95	4.77	3.82	0.00
	0.00	1.13	1.71	1.37	1.21	1.42	1.43	1.17	1.96	3.59	3.94	0.00
	0	8	55	98	64	72	77	122	18	12	3	0
75	0.00	2.26	1.58	2.49	1.94	1.42	1.89	1.55	2.10	1.27	2.98	0.00
	0.00	2.06	2.01	2.34	1.38	1.34	1.67	1.11	1.24	.84	0.00	0.00
	0	5	44	64	57	40	52	84	12	4	1	0
100	0.00	8.40	4.43	4.38	-.50	.64	3.60	-.04	3.20	0.00	0.00	0.00
	0.00	0.00	1.26	2.81	0.00	2.06	2.29	1.54	2.18	0.00	0.00	0.00
	0	1	9	5	1	6	8	4	3	0	0	0
150	0.00	8.24	0.00	6.26	0.00	3.48	0.00	2.54	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	2.67	0.00	3.40	0.00	0.00	0.00	0.00
	0	1	0	1	0	3	0	2	0	0	0	0
200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.97	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.49	0.00	0.00	0.00	0.00
	0	0	0	0	0	0	0	2	0	0	0	0
250	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.41	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.10	0.00	0.00	0.00	0.00
	0	0	0	0	0	0	0	2	0	0	0	0

TEMPERATURE AT SUBAREA 23 WHALE BANK

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	0.00	0.00	1.73	2.12	4.30	10.26	11.93	15.95	14.40	0.00	0.00	0.00
	0.00	0.00	1.65	1.06	.87	1.85	1.35	1.48	2.26	0.00	0.00	0.00
	0	0	16	20	4	48	33	77	2	0	0	0
10	0.00	0.00	1.73	2.11	3.93	9.69	10.76	14.57	15.03	10.09	0.00	0.00
	0.00	0.00	1.64	1.09	.92	1.58	1.72	2.08	2.46	0.00	0.00	0.00
	0	0	16	20	4	49	33	77	4	1	0	0
20	0.00	0.00	1.74	2.09	3.67	8.64	9.07	10.85	12.36	10.09	0.00	0.00
	0.00	0.00	1.63	1.14	.79	1.36	2.42	3.98	3.45	0.00	0.00	0.00
	0	0	16	20	4	49	33	77	4	1	0	0
30	0.00	0.00	1.76	2.03	3.29	6.86	6.80	6.23	9.84	10.07	0.00	0.00
	0.00	0.00	1.64	1.13	.59	1.29	2.43	3.56	4.37	0.00	0.00	0.00
	0	0	16	20	4	49	33	77	4	1	0	0
50	0.00	0.00	1.82	1.86	1.73	3.28	2.83	1.71	5.70	6.37	0.00	0.00
	0.00	0.00	1.73	1.13	1.42	1.34	1.40	1.41	3.58	0.00	0.00	0.00
	0	0	16	20	4	49	33	77	4	1	0	0
75	0.00	0.00	1.97	1.77	2.49	2.12	2.02	.90	1.62	2.69	0.00	0.00
	0.00	0.00	2.07	2.13	.11	1.96	1.69	2.27	.80	0.00	0.00	0.00
	0	0	15	11	2	42	27	45	3	1	0	0
100	0.00	0.00	7.17	3.55	1.76	2.54	.35	1.36	0.00	2.73	0.00	0.00
	0.00	0.00	.76	4.03	0.00	1.88	1.49	3.51	0.00	0.00	0.00	0.00
	0	0	3	2	1	3	2	12	0	1	0	0

TEMPERATURE AT SUBAREA 24 S. AVALON CHANNEL

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	0.00	0.00	.03	-.17	2.07	4.59	11.87	13.46	12.14	7.37	6.17	0.00
	0.00	0.00	1.50	.78	1.01	1.98	1.14	1.61	.50	1.00	1.57	0.00
	0	0	15	13	3	13	7	68	2	4	2	0
10	0.00	-1.09	.01	-.21	1.92	4.12	9.87	11.63	11.98	8.83	6.37	0.00
	0.00	0.00	1.51	.74	.82	1.94	2.72	2.33	.42	3.52	1.81	0.00
	0	1	15	13	3	13	7	68	2	5	2	0
20	0.00	-1.10	-.01	-.25	1.78	3.28	5.59	6.08	4.68	8.82	6.55	0.00
	0.00	0.00	1.46	.71	.60	1.98	2.61	3.27	5.86	3.51	2.07	0.00
	0	1	15	13	3	13	7	68	2	5	2	0
30	0.00	-1.10	-.03	-.34	1.24	2.27	3.37	2.06	.24	8.54	6.78	0.00
	0.00	0.00	1.44	.61	.74	1.78	2.60	2.57	.96	3.67	2.13	0.00
	0	1	15	13	3	13	6	69	2	5	2	0
50	0.00	-1.06	-.08	-.76	-.28	.20	.23	-.40	-.60	3.55	4.57	0.00
	0.00	0.00	1.39	.38	1.29	.90	.98	.75	.43	2.28	5.18	0.00
	0	1	15	13	3	13	6	68	2	5	2	0
75	0.00	-.90	-.60	-.90	-.85	-.53	-.88	-1.04	-1.08	1.11	.04	0.00
	0.00	0.00	1.14	.23	.83	.62	.80	.37	.03	3.03	1.26	0.00
	0	1	13	13	3	9	6	66	2	5	2	0
100	0.00	-.63	-.89	-1.14	-1.26	-1.12	-1.37	-1.33	0.00	.04	-.64	0.00
	0.00	0.00	.62	.30	.37	.26	.16	.24	0.00	.86	.38	0.00
	0	1	9	7	2	6	4	39	0	3	2	0
150	0.00	-.39	-1.38	-.84	-1.10	0.00	0.00	-1.19	0.00	0.00	-.81	0.00
	0.00	0.00	0.00	.48	0.00	0.00	0.00	.34	0.00	0.00	0.00	0.00
	0	1	1	2	1	0	0	10	0	0	1	0

TEMPERATURE AT SUBAREA 25 HADDOCK CHANNEL

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	0.00	0.00	1.16	1.83	2.46	6.31	11.59	15.38	13.42	8.00	0.00	0.00
	0.00	0.00	1.47	1.58	.32	2.01	2.37	1.81	2.58	.28	0.00	0.00
	0	0	9	16	6	14	6	62	5	2	0	0
10	0.00	0.00	1.17	1.70	2.09	6.07	9.66	13.89	11.62	11.73	0.00	0.00
	0.00	0.00	1.48	1.58	.53	2.01	3.38	2.37	3.50	4.25	0.00	0.00
	0	0	9	16	6	14	6	62	5	4	0	0
20	0.00	0.00	1.18	1.55	1.74	5.53	5.92	10.21	9.67	10.41	0.00	0.00
	0.00	0.00	1.47	1.59	.76	1.92	2.64	4.50	3.27	2.77	0.00	0.00
	0	0	9	16	6	14	6	62	5	4	0	0
30	0.00	0.00	1.19	1.48	1.51	3.81	3.63	6.00	6.62	8.81	0.00	0.00
	0.00	0.00	1.48	1.56	.84	2.35	2.86	4.35	4.30	2.09	0.00	0.00
	0	0	9	16	6	14	5	62	5	4	0	0
50	0.00	0.00	1.17	1.25	1.09	1.10	1.26	1.11	1.64	1.78	0.00	0.00
	0.00	0.00	1.51	1.46	1.07	1.95	1.55	1.70	1.59	2.61	0.00	0.00
	0	0	9	16	6	14	5	62	5	4	0	0
75	0.00	0.00	1.16	.33	-.15	-.04	-.23	.06	.39	.14	0.00	0.00
	0.00	0.00	2.00	1.53	.76	1.86	.97	1.48	1.47	1.05	0.00	0.00
	0	0	9	16	6	13	7	62	4	3	0	0
100	0.00	0.00	.83	-.17	-.44	-.15	1.09	-.45	-.33	1.30	0.00	0.00
	0.00	0.00	2.52	2.10	.72	2.53	2.19	1.56	.80	0.00	0.00	0.00
	0	0	7	9	5	7	4	41	4	1	0	0
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.86	-1.01	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.41	0.00	0.00	0.00	0.00
	0	0	0	0	0	0	0	4	1	0	0	0
200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-.75	-1.04	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.47	0.00	0.00	0.00	0.00
	0	0	0	0	0	0	0	4	1	0	0	0

TEMPERATURE AT SUBAREA 26 S.W. SLOPE

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	2.60	2.38	2.12	3.02	5.70	9.82	13.83	17.05	18.24	11.84	0.00	0.00
0.00	3.22	2.21	1.53	1.12	2.09	1.76	1.92	2.04	.21	0.00	0.00	0.00
1	2	26	42	4	41	44	69	7	4	0	0	0
10	2.62	2.38	2.12	3.07	4.70	9.41	12.58	16.01	17.71	12.42	0.00	0.00
0.00	3.17	2.26	1.51	.56	1.96	2.41	2.31	2.86	2.57	0.00	0.00	0.00
1	2	26	44	4	42	44	70	8	6	0	0	0
20	2.63	2.39	2.15	2.98	3.69	7.99	9.96	13.25	13.74	12.01	0.00	0.00
0.00	3.15	2.31	1.58	.13	1.98	2.57	3.85	3.05	1.62	0.00	0.00	0.00
1	2	26	44	4	42	44	70	8	6	0	0	0
30	2.64	2.37	2.16	3.04	2.75	5.92	6.78	8.54	10.19	11.11	0.00	0.00
0.00	3.18	2.35	1.71	.57	2.12	2.54	3.41	3.22	1.04	0.00	0.00	0.00
1	2	26	44	4	42	44	70	8	6	0	0	0
50	2.67	2.39	2.26	3.46	1.28	3.24	2.81	3.59	4.34	5.48	0.00	0.00
0.00	3.15	2.34	2.17	1.38	2.50	2.03	2.45	2.03	1.93	0.00	0.00	0.00
1	2	25	44	4	42	44	71	8	6	0	0	0
75	2.71	3.96	2.76	4.44	1.00	3.13	3.28	3.93	4.48	5.37	0.00	0.00
0.00	4.73	2.69	2.89	1.53	3.28	2.31	3.18	2.12	3.52	0.00	0.00	0.00
1	2	25	44	4	42	44	69	8	5	0	0	0
100	2.75	4.87	3.69	5.83	.99	3.54	4.82	5.18	6.13	6.92	0.00	0.00
0.00	5.91	2.96	2.98	1.33	3.30	2.78	3.00	2.46	3.93	0.00	0.00	0.00
1	2	23	38	4	38	42	67	8	5	0	0	0
150	2.82	9.38	5.22	6.96	1.40	4.54	6.60	6.41	6.88	8.74	0.00	0.00
0.00	0.00	3.19	2.59	0.00	3.00	1.61	2.13	1.56	.33	0.00	0.00	0.00
1	1	17	35	1	27	31	63	6	4	0	0	0
200	2.89	7.69	5.07	6.04	2.90	4.34	6.62	6.21	6.62	8.32	0.00	0.00
0.00	0.00	2.44	2.21	0.00	2.17	1.44	1.89	1.17	.32	0.00	0.00	0.00
1	1	17	30	1	19	25	63	6	3	0	0	0
250	2.96	6.99	4.22	5.80	3.21	4.28	5.79	5.73	6.02	7.38	0.00	0.00
0.00	0.00	2.28	1.86	0.00	1.74	1.21	1.50	.99	.24	0.00	0.00	0.00
1	1	12	27	1	17	14	62	6	3	0	0	0
300	3.23	6.65	5.43	4.58	3.30	4.32	5.55	6.14	5.50	7.00	0.00	0.00
0.00	0.00	1.17	1.85	0.00	1.44	.68	.75	1.01	.25	0.00	0.00	0.00
1	1	6	10	1	14	10	11	6	3	0	0	0
400	0.00	5.78	4.72	4.30	3.30	4.26	4.81	5.09	5.04	5.33	0.00	0.00
0.00	0.00	.37	1.46	0.00	1.14	.28	.62	.07	.09	0.00	0.00	0.00
0	1	4	10	1	11	10	9	3	3	0	0	0
500	0.00	4.58	4.62	4.21	0.00	4.35	4.62	4.78	4.61	4.61	0.00	0.00
0.00	0.00	.21	1.28	0.00	.57	.15	.50	.32	.14	0.00	0.00	0.00
0	1	4	9	0	5	8	5	3	2	0	0	0
600	0.00	4.50	4.58	4.33	0.00	4.41	4.48	4.35	4.55	4.35	0.00	0.00
0.00	0.00	.34	1.11	0.00	.20	.19	.56	.12	.26	0.00	0.00	0.00
0	1	4	7	0	5	8	4	3	2	0	0	0
800	0.00	0.00	4.09	4.33	0.00	4.17	4.18	4.15	4.34	4.19	0.00	0.00
0.00	0.00	.25	1.01	0.00	.32	.16	.45	.12	.06	0.00	0.00	0.00
0	0	3	5	0	5	8	3	3	2	0	0	0
1000	0.00	0.00	3.88	4.11	0.00	4.01	4.11	4.01	4.04	4.04	0.00	0.00
0.00	0.00	.21	.75	0.00	.26	.21	.29	.08	.13	0.00	0.00	0.00
0	0	3	5	0	5	7	3	3	2	0	0	0

TEMPERATURE AT SUBAREA 27 S. SLOPE

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB.	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	0.00	0.00	1.16	2.73	3.50	9.47	14.60	16.84	15.43	11.12	6.45	0.00
	0.00	0.00	1.04	2.36	2.21	2.76	1.45	2.08	.74	1.18	1.98	0.00
	0	0	15	136	83	55	18	68	3	5	2	0
10	.70	0.00	1.02	2.66	3.13	8.39	12.80	15.12	14.28	12.15	6.08	0.00
	0.00	0.00	1.10	2.41	2.15	2.63	2.50	2.64	.73	2.89	.95	0.00
	1	0	15	140	88	58	18	68	3	7	8	0
20	.74	0.00	.89	2.65	2.82	7.17	11.06	11.46	12.18	11.15	5.59	0.00
	0.00	0.00	1.18	2.57	2.23	2.76	3.81	3.73	2.13	2.44	1.02	0.00
	1	0	15	140	88	58	18	68	3	7	8	0
30	.77	0.00	.79	2.68	2.49	5.74	8.66	7.38	7.43	9.61	4.95	0.00
	0.00	0.00	1.29	2.75	2.53	2.73	3.08	3.53	3.48	2.89	1.28	0.00
	1	0	15	140	88	58	18	68	3	7	8	0
50	.85	0.00	.78	2.90	1.85	3.52	3.36	2.90	.67	4.04	3.11	0.00
	0.00	0.00	1.66	3.18	3.05	2.87	3.46	2.48	.04	2.94	1.19	0.00
	1	0	15	140	88	57	19	68	3	7	8	0
75	.94	0.00	.61	3.28	1.92	3.88	2.69	1.90	-.40	.85	1.00	0.00
	0.00	0.00	1.17	3.68	3.34	3.26	3.68	2.84	1.12	1.36	.68	0.00
	1	0	15	140	88	57	19	68	3	6	8	0
100	1.04	0.00	.64	3.71	2.26	4.47	3.75	2.34	-.29	.18	1.00	0.00
	0.00	0.00	1.04	4.01	3.66	3.48	3.12	3.07	.84	.58	1.19	0.00
	1	0	15	132	82	53	17	66	3	5	6	0
150	1.23	0.00	1.81	3.92	2.43	4.95	4.66	3.63	.91	1.56	.99	0.00
	0.00	0.00	1.72	3.65	3.18	2.93	2.83	2.90	.62	.56	.93	0.00
	1	0	14	120	74	45	12	59	2	4	5	0
200	1.41	0.00	2.21	3.99	2.87	4.69	4.74	4.40	1.90	2.26	1.64	0.00
	0.00	0.00	1.89	3.15	2.48	2.52	2.50	2.34	.60	.28	.89	0.00
	1	0	13	102	63	33	8	59	2	4	5	0
250	1.60	0.00	1.89	4.04	3.13	4.36	5.04	4.24	2.44	2.75	2.54	0.00
	0.00	0.00	1.39	2.55	2.05	2.03	1.46	1.87	.12	.36	1.48	0.00
	1	0	8	95	62	31	6	58	2	4	5	0
300	1.79	0.00	2.74	3.54	3.36	3.94	5.49	4.56	3.24	3.16	2.53	0.00
	0.00	0.00	.99	1.86	1.61	1.68	.55	1.91	1.05	.67	.60	0.00
	1	0	6	77	60	28	4	6	2	3	5	0
400	2.96	0.00	2.98	3.56	3.58	3.70	5.06	4.03	4.55	3.96	3.26	0.00
	0.00	0.00	.81	.97	.92	1.02	.63	1.09	0.00	.59	.50	0.00
	1	0	5	74	56	23	3	6	1	3	3	0
500	0.00	0.00	3.23	3.78	3.66	3.73	4.06	4.02	4.31	4.16	3.61	0.00
	0.00	0.00	.71	.61	.62	.61	1.05	.61	0.00	.45	.05	0.00
	0	0	5	71	50	22	2	4	1	3	3	0
600	0.00	0.00	3.53	3.92	3.76	3.72	4.05	3.93	4.20	4.14	3.60	0.00
	0.00	0.00	.63	.47	.45	.40	.91	.54	0.00	.47	.13	0.00
	0	0	4	53	38	19	2	3	1	3	3	0
800	0.00	0.00	3.85	3.89	3.84	3.70	4.03	3.71	3.85	3.72	3.53	0.00
	0.00	0.00	.20	.23	.18	.22	.68	.03	0.00	0.00	0.00	0.00
	0	0	3	47	29	15	2	2	1	1	2	0
1000	0.00	0.00	3.80	3.76	3.72	3.65	3.89	3.64	0.00	3.72	3.52	0.00
	0.00	0.00	.22	.16	.13	.16	.45	.01	0.00	0.00	0.00	0.00
	0	0	2	36	20	11	2	2	0	1	2	0

TEMPERATURE AT SUBAREA 28 S. OFFSHORE

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	4.72	4.84	4.74	5.74	7.22	11.66	15.63	17.04	17.17	14.08	9.16	2.00
	3.16	4.68	3.62	4.42	4.57	4.21	3.09	2.99	2.55	2.37	2.71	0.00
	4	11	18	100	82	54	20	28	8	16	11	1
10	5.37	4.87	4.49	5.72	6.73	10.41	13.98	15.17	16.73	14.07	8.71	1.98
	2.98	4.93	3.73	4.14	4.30	3.94	3.04	3.38	3.25	2.49	2.35	0.00
	4	11	25	123	95	61	21	30	8	18	19	1
20	6.02	4.83	4.61	5.73	6.33	9.40	10.87	11.11	15.58	13.49	8.39	1.95
	3.14	4.94	3.77	4.21	4.41	4.19	3.38	3.84	4.91	2.87	2.56	0.00
	4	11	25	123	95	61	21	30	8	18	19	1
30	6.63	4.87	4.76	5.78	6.00	8.41	8.46	7.39	12.66	12.34	8.11	1.93
	3.47	4.97	3.87	4.32	4.61	4.45	3.72	4.84	4.98	4.11	2.80	0.00
	4	11	25	123	95	62	22	30	8	18	19	1
50	8.10	4.81	4.64	5.97	5.68	6.62	5.15	5.01	6.18	9.93	6.81	1.97
	4.45	5.10	3.99	4.53	4.89	5.02	3.61	5.31	5.74	5.18	3.28	0.00
	4	11	26	123	95	62	23	31	8	18	19	1
75	8.76	4.99	5.11	6.27	5.90	6.60	4.27	4.39	4.51	8.65	5.79	1.81
	5.48	5.29	3.80	4.56	4.71	5.26	4.24	4.96	6.15	5.08	3.71	0.00
	4	11	26	123	94	62	23	30	8	18	19	1
100	10.42	5.56	6.13	6.37	6.21	6.95	6.00	4.86	5.19	8.85	5.05	4.23
	6.43	5.00	3.98	4.40	4.55	5.04	4.48	4.62	5.36	4.56	3.88	0.00
	4	11	26	123	93	62	19	30	8	18	19	1
150	9.88	6.21	6.65	6.29	6.17	6.86	6.59	5.16	6.62	8.95	4.93	7.11
	6.07	4.49	3.96	4.02	4.10	4.33	3.55	3.72	3.91	3.39	3.41	0.00
	4	11	25	123	93	61	17	25	8	18	19	1
200	9.24	5.60	6.52	6.03	6.12	6.68	6.63	5.49	7.16	8.01	5.19	4.32
	5.24	4.17	3.56	3.48	3.56	3.76	2.86	3.00	3.02	2.83	2.75	0.00
	4	11	25	123	93	60	17	25	8	18	19	1
250	7.88	5.35	6.37	5.72	5.81	6.09	6.16	5.19	6.33	7.43	5.45	3.54
	3.42	3.40	3.29	2.94	2.92	3.20	1.97	2.58	2.86	2.58	2.24	0.00
	4	11	25	123	93	60	17	25	7	18	19	1
300	6.17	5.08	6.09	5.47	5.42	5.64	5.98	5.06	5.54	6.84	5.17	3.79
	2.61	2.68	2.65	2.45	2.44	2.68	1.47	1.96	2.78	2.21	1.73	0.00
	4	11	24	123	93	60	17	25	7	18	19	1
400	4.72	4.81	5.34	4.96	4.85	5.07	5.24	4.63	5.04	5.99	4.50	4.07
	2.38	1.63	1.55	1.58	1.59	1.63	.89	1.32	2.28	1.24	1.16	0.00
	4	11	24	123	93	59	17	24	6	18	19	1
500	4.73	4.57	4.82	4.51	4.52	4.63	4.80	4.54	4.93	5.28	4.40	0.00
	1.41	.90	.92	.97	.97	.95	.61	.74	1.74	.70	.75	0.00
	4	11	24	123	92	53	16	24	5	18	19	0
600	4.68	4.50	4.57	4.35	4.33	4.45	4.49	4.30	5.06	4.71	4.25	0.00
	.66	.64	.67	.66	.64	.60	.46	.48	1.27	.57	.58	0.00
	4	11	23	123	92	50	16	21	3	18	19	0
800	4.28	4.18	4.13	4.09	4.08	4.18	4.25	4.05	4.36	4.33	3.99	0.00
	.45	.32	.41	.38	.36	.38	.32	.31	.69	.32	.36	0.00
	4	10	20	117	83	41	16	21	3	14	19	0
1000	4.13	3.92	3.86	3.90	3.88	3.96	4.07	3.90	4.20	4.09	3.74	0.00
	.42	.23	.24	.29	.27	.27	.18	.23	.52	.25	.25	0.00
	4	9	19	113	82	40	14	17	3	13	14	0

TEMPERATURE AT SUBAREA 29 HALIBUT SLOPE

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	0.00	0.00	1.29	3.13	5.26	7.61	14.16	15.62	15.36	11.90	8.90	0.00
	0.00	0.00	2.09	1.54	2.86	2.38	.95	2.48	1.97	0.00	0.00	0.00
	0	0	16	16	8	24	4	52	4	1	1	0
10	0.00	1.41	1.32	2.96	4.84	7.25	13.30	14.66	16.33	12.21	8.97	0.00
	0.00	0.00	2.01	1.53	2.11	2.17	1.52	2.48	1.62	0.00	0.00	0.00
	0	1	16	18	8	24	4	52	10	1	1	0
20	0.00	1.41	1.31	2.91	4.98	6.61	8.95	11.89	14.81	12.34	8.98	0.00
	0.00	0.00	2.01	1.57	2.60	2.03	.78	3.46	1.42	0.00	0.00	0.00
	0	1	16	18	8	24	4	52	10	1	1	0
30	0.00	1.42	1.31	2.83	4.90	5.35	7.36	7.84	10.96	12.49	8.84	0.00
	0.00	0.00	2.01	1.63	2.87	1.94	1.17	3.33	2.48	0.00	0.00	0.00
	0	1	16	18	8	24	4	52	10	1	1	0
50	0.00	1.40	1.20	2.61	4.01	2.38	4.33	2.37	3.41	7.63	6.72	0.00
	0.00	0.00	1.95	1.82	3.06	1.82	2.06	1.46	2.34	0.00	0.00	0.00
	0	1	16	18	8	24	4	51	10	1	1	0
75	0.00	.50	1.37	3.34	3.97	1.49	2.43	.96	2.66	.61	4.84	0.00
	0.00	0.00	1.89	3.13	3.31	2.17	1.77	1.65	3.06	0.00	0.00	0.00
	0	1	15	18	8	24	4	51	8	1	1	0
100	0.00	-.43	2.01	4.38	3.99	2.62	2.52	1.21	5.22	3.25	9.67	0.00
	0.00	0.00	2.36	3.40	3.59	2.41	1.67	2.07	3.91	0.00	0.00	0.00
	0	1	14	18	8	20	4	50	6	1	1	0
150	0.00	.56	3.13	6.01	6.19	5.19	5.96	4.70	6.86	7.26	8.89	0.00
	0.00	0.00	3.01	3.19	3.32	2.41	2.36	2.07	1.63	0.00	0.00	0.00
	0	1	13	17	6	12	4	45	5	1	1	0
200	0.00	0.00	4.27	6.70	6.11	4.42	5.85	6.14	6.88	7.18	7.62	0.00
	0.00	0.00	2.29	1.80	2.49	2.84	1.38	1.10	1.05	0.00	0.00	0.00
	0	0	13	16	6	7	4	45	4	1	1	0
250	0.00	0.00	4.46	6.52	5.26	4.66	5.08	5.81	6.15	6.69	6.49	0.00
	0.00	0.00	1.60	1.20	.73	.91	.91	.87	.92	0.00	0.00	0.00
	0	0	9	14	5	3	4	45	4	1	1	0
300	0.00	0.00	4.66	5.55	4.98	3.65	4.75	0.00	4.83	6.25	5.52	0.00
	0.00	0.00	1.38	0.00	.90	0.00	.65	0.00	.99	0.00	0.00	0.00
	0	0	5	2	5	1	4	0	3	1	1	0
400	0.00	0.00	5.20	0.00	4.91	3.83	4.26	0.00	4.51	0.00	0.00	0.00
	0.00	0.00	.11	0.00	1.27	0.00	.16	0.00	.88	0.00	0.00	0.00
	0	0	2	0	5	1	4	0	3	0	0	0
500	0.00	0.00	4.67	0.00	4.41	4.14	4.17	0.00	4.58	0.00	0.00	0.00
	0.00	0.00	.09	0.00	.56	0.00	.12	0.00	.45	0.00	0.00	0.00
	0	0	2	0	4	1	2	0	2	0	0	0
600	0.00	0.00	4.22	0.00	4.41	3.89	4.10	0.00	4.14	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	.73	0.00	.20	0.00	0.00	0.00	0.00	0.00
	0	0	1	0	4	1	2	0	1	0	0	0
800	0.00	0.00	0.00	0.00	4.09	0.00	3.86	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	.30	0.00	.10	0.00	0.00	0.00	0.00	0.00
	0	0	0	0	3	0	2	0	0	0	0	0
1000	0.00	0.00	0.00	0.00	4.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	0	1	0	0	0	0	0	0	0

TEMPERATURE AT SUBAREA 30 GREEN BANK

MEAN, S.D., NO. OF OBSERVATIONS

TEMPERATURE AT SUBAREA 31 HALIBUT CHANNEL

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	0.00	0.00	1.14	1.86	2.03	6.94	9.88	15.35	15.23	0.00	0.00	0.00
	0.00	0.00	1.89	1.48	1.21	2.09	2.34	1.41	.99	0.00	0.00	0.00
	0	0	6	8	5	38	4	30	3	0	0	0
10	0.00	2.29	1.14	1.85	1.91	6.58	7.71	13.71	14.15	13.80	0.00	0.00
	0.00	0.00	1.89	1.45	1.01	1.99	2.99	2.82	.89	0.00	0.00	0.00
	0	1	6	8	5	38	4	30	3	1	0	0
20	0.00	2.28	1.14	1.85	1.79	5.97	5.84	10.18	10.42	10.80	0.00	0.00
	0.00	0.00	1.88	1.43	.93	1.89	2.92	4.21	.89	0.00	0.00	0.00
	0	1	6	8	5	38	4	30	3	1	0	0
30	0.00	2.27	1.14	1.77	1.62	4.92	3.82	5.95	7.11	7.80	0.00	0.00
	0.00	0.00	1.87	1.41	.80	1.47	2.33	3.45	1.44	0.00	0.00	0.00
	0	1	6	8	5	38	4	30	3	1	0	0
50	0.00	2.24	1.16	1.32	.86	1.57	.16	1.95	2.20	1.80	0.00	0.00
	0.00	0.00	1.88	1.46	.98	1.68	.93	1.62	1.39	0.00	0.00	0.00
	0	1	6	8	5	38	4	30	3	1	0	0
75	0.00	2.01	1.10	1.41	.09	.42	-.51	-.06	.08	-.44	0.00	0.00
	0.00	0.00	1.60	1.74	.82	1.49	.59	1.40	.82	0.00	0.00	0.00
	0	1	5	8	5	36	4	28	3	1	0	0
100	0.00	1.78	.55	.80	-.22	.08	-.70	-.41	-.27	-1.10	0.00	0.00
	0.00	0.00	.90	1.49	.55	1.74	.70	1.36	.47	0.00	0.00	0.00
	0	1	5	8	4	30	4	27	3	1	0	0
150	0.00	1.32	0.00	0.00	-.60	5.67	-1.20	2.67	1.09	-1.30	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	2.09	0.00	.10	2.38	0.00	0.00	0.00
	0	1	0	0	1	3	1	4	2	1	0	0
200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	0	0	0	0	2	0	0	0	0
250	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.05	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	0	0	0	0	2	0	0	0	0

TEMPERATURE AT SUBAREA 32 ST. PIERRE CHANNEL

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	0.00	0.00	.65	.68	3.87	5.48	11.30	14.29	13.14	8.71	6.89	0.00
	0.00	0.00	.67	1.11	1.35	1.43	1.20	1.52	1.50	3.38	.57	0.00
	0	0	9	12	9	12	3	54	2	2	4	0
10	0.00	0.00	.68	.72	3.31	4.99	10.97	12.88	13.13	8.47	6.85	0.00
	0.00	0.00	.67	.88	2.06	1.31	1.00	2.06	1.52	2.10	.61	0.00
	0	0	9	12	9	12	3	54	2	3	4	0
20	0.00	0.00	.68	.75	3.15	3.78	6.72	9.24	8.47	7.54	6.52	0.00
	0.00	0.00	.69	.77	1.80	1.12	2.72	3.22	4.91	2.31	1.03	0.00
	0	0	9	12	9	12	3	54	2	3	4	0
30	0.00	0.00	.66	.67	2.89	2.60	3.47	4.81	5.43	6.72	6.07	0.00
	0.00	0.00	.70	.74	1.79	1.26	3.71	2.47	5.85	2.99	1.21	0.00
	0	0	9	12	9	12	3	54	2	3	4	0
50	0.00	0.00	.63	.15	2.09	.74	-.04	.73	2.34	3.27	4.24	0.00
	0.00	0.00	.73	.55	2.24	.90	1.20	.67	2.60	2.79	2.19	0.00
	0	0	8	12	9	12	3	54	2	3	4	0
75	0.00	0.00	.40	-.31	1.77	.02	-.59	-.38	.12	-.01	1.66	0.00
	0.00	0.00	.67	.36	2.80	.84	.49	.54	.31	.44	1.86	0.00
	0	0	7	12	7	11	3	54	2	3	4	0
100	0.00	0.00	.38	-.50	1.15	-.49	-.92	-.80	-.70	-.67	.26	0.00
	0.00	0.00	.69	.34	3.05	.58	.16	.40	0.00	.21	1.82	0.00
	0	0	7	12	7	11	3	54	1	3	4	0
150	0.00	0.00	-.22	-.61	.15	-.36	-1.30	-1.06	0.00	-.76	-.72	0.00
	0.00	0.00	.36	.40	.42	.69	.21	.29	0.00	.33	.83	0.00
	0	0	5	6	2	5	2	27	0	2	2	0
200	0.00	0.00	-.49	-.54	0.00	-.07	-1.20	-1.04	0.00	-1.10	-1.40	0.00
	0.00	0.00	0.00	.30	0.00	0.00	0.00	.35	0.00	0.00	0.00	0.00
	0	0	1	2	0	1	1	16	0	1	1	0

TEMPERATURE AT SUBAREA 33 ST. PIERRE BANK

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	1.48	.25	.82	1.09	3.09	6.46	11.14	15.82	14.18	9.38	6.84	0.00
	0.00	.01	1.13	.73	1.81	1.69	1.99	1.43	.77	2.55	1.24	0.00
	1	3	18	22	7	65	19	88	10	4	6	0
10	1.50	.34	.88	1.09	2.92	6.01	10.28	14.07	13.30	9.55	6.38	0.00
	0.00	.07	1.02	.69	1.63	1.51	2.58	2.07	1.44	2.84	1.31	0.00
	1	3	22	22	7	66	19	88	10	5	7	0
20	1.44	.29	.89	1.09	2.74	5.28	6.67	10.25	10.58	8.69	6.57	0.00
	0.00	.06	1.01	.69	1.44	1.78	2.44	3.22	2.98	3.12	1.19	0.00
	1	3	22	22	7	66	19	88	10	5	7	0
30	1.38	.30	.88	1.05	2.47	4.04	4.30	5.06	7.50	7.30	6.19	0.00
	0.00	.05	1.02	.66	1.37	1.61	2.30	2.08	3.96	2.46	1.58	0.00
	1	3	22	22	7	66	19	88	10	5	7	0
50	1.30	.25	.78	.33	2.13	1.13	1.56	1.15	2.01	3.90	4.90	0.00
	0.00	.02	.78	.54	1.86	1.36	2.19	1.17	1.35	1.93	1.80	0.00
	1	2	8	10	5	46	12	38	8	4	4	0
75	0.00	.22	.49	.23	.58	-.05	-1.00	.32	.21	.28	.90	0.00
	0.00	0.00	.23	.10	.81	.83	0.00	.90	1.33	.67	.28	0.00
	0	1	2	3	2	26	2	5	3	3	2	0
100	0.00	.27	.61	-.03	.15	-.27	-.93	-.39	-.30	-.22	-.06	0.00
	0.00	0.00	0.00	.29	.92	.63	.24	.71	.93	.56	.85	0.00
	0	1	1	2	2	12	2	5	3	3	2	0
150	0.00	0.00	0.00	.67	0.00	1.56	0.00	0.00	0.00	-1.00	-1.00	0.00
	0.00	0.00	0.00	0.00	0.00	1.73	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	1	0	5	0	0	0	1	1	0
200	0.00	0.00	0.00	0.00	0.00	6.19	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	.97	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	0	0	2	0	0	0	0	0	0

TEMPERATURE AT SUBAREA 34 HERMITAGE CHANNEL

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	0.00	0.00	.54	1.32	4.81	7.06	12.31	14.88	0.00	9.20	5.99	0.00
	0.00	0.00	.95	.91	1.66	1.12	1.13	1.61	0.00	0.00	1.58	0.00
	0	0	6	5	5	13	4	21	0	1	2	0
10	0.00	0.00	.62	1.14	3.86	6.61	11.89	13.09	0.00	8.85	6.03	0.00
	0.00	0.00	.94	.73	1.00	1.08	1.08	1.86	0.00	0.00	1.66	0.00
	0	0	7	5	5	13	4	21	0	1	2	0
20	0.00	0.00	.60	.96	2.91	5.50	6.98	9.42	0.00	8.79	5.88	0.00
	0.00	0.00	.97	.57	1.21	.92	3.46	2.97	0.00	0.00	1.46	0.00
	0	0	7	5	5	13	4	21	0	1	2	0
30	0.00	0.00	.55	.86	2.19	4.00	4.34	5.20	0.00	8.03	5.44	0.00
	0.00	0.00	.96	.49	1.62	.99	3.57	2.00	0.00	0.00	.88	0.00
	0	0	7	5	5	13	4	21	0	1	2	0
50	0.00	0.00	.52	.85	1.63	1.52	1.62	1.98	0.00	3.35	3.88	0.00
	0.00	0.00	.94	.46	1.75	1.10	.55	1.07	0.00	0.00	.93	0.00
	0	0	7	5	5	13	4	21	0	1	2	0
75	0.00	0.00	.47	.86	1.26	.78	1.25	1.00	0.00	.40	2.42	0.00
	0.00	0.00	.92	.26	1.66	.91	.77	.52	0.00	0.00	1.97	0.00
	0	0	7	5	5	13	4	21	0	1	2	0
100	0.00	0.00	.93	.82	1.25	.97	1.24	.99	0.00	-.04	.93	0.00
	0.00	0.00	.72	.50	1.21	.95	.33	.72	0.00	0.00	1.56	0.00
	0	0	7	5	5	13	4	21	0	1	2	0
150	0.00	0.00	1.68	2.84	2.29	3.25	3.51	3.36	0.00	.81	.06	0.00
	0.00	0.00	1.70	1.76	.51	1.42	1.02	1.40	0.00	0.00	1.39	0.00
	0	0	7	5	4	12	4	21	0	1	2	0
200	0.00	0.00	3.62	5.04	4.69	4.71	5.47	5.43	0.00	3.87	-1.10	0.00
	0.00	0.00	1.90	1.01	1.05	.92	.56	.73	0.00	0.00	0.00	0.00
	0	0	7	5	3	11	4	21	0	1	1	0
250	0.00	0.00	4.65	5.53	5.44	5.24	4.36	5.33	0.00	3.92	4.40	0.00
	0.00	0.00	1.16	.28	1.12	.67	1.36	.63	0.00	0.00	0.00	0.00
	0	0	6	4	3	7	2	21	0	1	1	0
300	0.00	0.00	5.07	0.00	5.15	5.20	0.00	0.00	0.00	4.98	0.00	0.00
	0.00	0.00	.38	0.00	.35	.31	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	2	0	2	6	0	0	0	1	0	0

TEMPERATURE AT SUBAREA 35 BURGEO BANK

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	0.00	0.00	2.32	0.00	3.20	6.46	13.57	15.30	14.93	7.58	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	1.82	.72	2.17	.71	.98	0.00	0.00
	0	1	1	0	1	6	4	3	3	3	0	0
10	0.00	.02	2.02	0.00	3.18	5.93	11.95	14.70	15.13	7.98	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	1.93	1.89	2.26	.57	1.96	0.00	0.00
	0	1	1	0	1	6	4	3	3	4	0	0
20	0.00	-.00	1.37	0.00	3.16	3.97	7.08	6.49	14.45	7.09	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	1.95	3.36	.77	.67	1.19	0.00	0.00
	0	1	1	0	1	6	4	3	3	4	0	0
30	0.00	-.02	1.34	0.00	3.14	2.25	4.82	2.71	5.74	6.01	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	1.76	3.46	1.50	1.62	1.12	0.00	0.00
	0	1	1	0	1	6	4	3	3	4	0	0
50	0.00	-.09	1.17	0.00	3.10	.74	2.74	.87	2.36	2.98	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	1.16	3.03	.42	.89	1.11	0.00	0.00
	0	1	1	0	1	6	4	3	3	4	0	0
75	0.00	0.00	1.96	0.00	2.69	.96	.76	.16	1.01	2.12	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	1.00	.77	0.00	.62	.40	0.00	0.00
	0	0	1	0	1	5	3	1	2	3	0	0
100	0.00	0.00	0.00	0.00	2.28	1.26	.57	1.00	.77	2.02	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	1.46	.98	0.00	0.00	1.02	0.00	0.00
	0	0	0	0	1	3	3	1	1	2	0	0
150	0.00	0.00	0.00	0.00	0.00	4.35	4.70	3.80	0.00	3.37	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	0	0	1	1	1	0	1	0	0
200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	0	0	0	0	0	0	1	0	0

TEMPERATURE AT SUBAREA 36 ROSE BLANCHE BANK

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	0.00	-.38	0.00	0.00	2.80	5.60	13.53	15.67	0.00	0.00	4.85	0.00
	0.00	0.00	0.00	0.00	0.00	2.26	.91	1.08	0.00	0.00	0.00	0.00
	0	1	0	0	2	2	2	3	0	0	1	0
10	0.00	-.37	0.00	0.00	2.40	5.12	11.65	15.57	0.00	0.00	4.81	0.00
	0.00	0.00	0.00	0.00	.42	1.72	3.32	1.17	0.00	0.00	0.00	0.00
	0	1	0	0	2	2	2	3	0	0	1	0
20	0.00	-.37	0.00	0.00	.97	4.22	6.93	6.53	0.00	0.00	4.77	0.00
	0.00	0.00	0.00	0.00	.23	1.81	1.50	2.57	0.00	0.00	0.00	0.00
	0	1	0	0	2	2	2	3	0	0	1	0
30	0.00	-.39	0.00	0.00	.19	3.19	4.14	3.47	0.00	0.00	4.56	0.00
	0.00	0.00	0.00	0.00	.22	1.88	.97	1.36	0.00	0.00	0.00	0.00
	0	1	0	0	2	2	2	3	0	0	1	0
50	0.00	-.36	0.00	0.00	.10	.55	2.55	1.82	0.00	0.00	3.35	0.00
	0.00	0.00	0.00	0.00	.28	1.49	1.49	.80	0.00	0.00	0.00	0.00
	0	1	0	0	2	2	2	3	0	0	1	0
75	0.00	-.28	0.00	0.00	.29	0.00	1.90	1.00	0.00	0.00	1.35	0.00
	0.00	0.00	0.00	0.00	.80	.71	.85	.64	0.00	0.00	0.00	0.00
	0	1	0	0	2	2	2	3	0	0	1	0
100	0.00	.44	0.00	0.00	.50	.05	1.80	.82	0.00	0.00	.88	0.00
	0.00	0.00	0.00	0.00	1.27	.35	.14	.57	0.00	0.00	0.00	0.00
	0	1	0	0	2	2	2	3	0	0	1	0
150	0.00	1.16	0.00	0.00	.84	0.00	4.57	.20	0.00	0.00	.10	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0	1	0	0	1	0	1	1	0	0	1	0
200	0.00	0.00	0.00	0.00	2.63	0.00	5.50	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	0	1	0	1	0	0	0	0	0
250	0.00	0.00	0.00	0.00	4.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	0	1	0	0	0	0	0	0	0

TEMPERATURE AT SUBAREA 37 BURGEO CHANNEL

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	0.00	0.00	0.00	.20	3.10	6.50	11.70	0.00	0.00	0.00	4.45	0.00
	0.00	0.00	0.00	0.00	0.00	1.91	3.10	0.00	0.00	0.00	0.00	0.00
	0	0	0	1	1	3	2	0	0	0	1	0
10	0.00	0.00	0.00	.17	3.10	5.79	9.45	0.00	0.00	0.00	4.19	0.00
	0.00	0.00	0.00	0.00	0.00	1.93	7.43	0.00	0.00	0.00	0.00	0.00
	0	0	0	1	1	3	2	0	0	0	1	0
20	0.00	0.00	0.00	.14	2.48	4.41	5.21	0.00	0.00	0.00	3.93	0.00
	0.00	0.00	0.00	0.00	0.00	2.13	5.93	0.00	0.00	0.00	0.00	0.00
	0	0	0	1	1	3	2	0	0	0	1	0
30	0.00	0.00	0.00	.11	1.99	2.91	3.77	0.00	0.00	0.00	3.71	0.00
	0.00	0.00	0.00	0.00	0.00	1.99	5.22	0.00	0.00	0.00	0.00	0.00
	0	0	0	1	1	3	2	0	0	0	1	0
50	0.00	0.00	0.00	.05	1.40	.81	7.30	0.00	0.00	0.00	3.45	0.00
	0.00	0.00	0.00	0.00	0.00	.36	10.04	0.00	0.00	0.00	0.00	0.00
	0	0	0	1	1	3	2	0	0	0	1	0
75	0.00	0.00	0.00	1.32	.65	.46	1.30	0.00	0.00	0.00	1.80	0.00
	0.00	0.00	0.00	0.00	0.00	.83	1.84	0.00	0.00	0.00	0.00	0.00
	0	0	0	1	1	3	2	0	0	0	1	0
100	0.00	0.00	0.00	2.37	0.00	.55	1.30	0.00	0.00	0.00	.65	0.00
	0.00	0.00	0.00	0.00	0.00	.78	.85	0.00	0.00	0.00	0.00	0.00
	0	0	0	1	1	3	2	0	0	0	1	0
150	0.00	0.00	0.00	3.25	.70	2.60	3.33	0.00	0.00	0.00	.50	0.00
	0.00	0.00	0.00	0.00	0.00	1.78	1.66	0.00	0.00	0.00	0.00	0.00
	0	0	0	1	1	3	2	0	0	0	1	0
200	0.00	0.00	0.00	0.00	4.40	3.81	5.05	0.00	0.00	0.00	1.95	0.00
	0.00	0.00	0.00	0.00	0.00	2.14	2.05	0.00	0.00	0.00	0.00	0.00
	0	0	0	0	1	2	2	0	0	0	1	0

TEMPERATURE AT SUBAREA 38 LAURENTIAN CHANNEL

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	.59	-.31	-.57	1.56	2.47	6.05	12.25	13.82	10.89	7.73	5.89	0.00
	1.28	1.23	1.39	2.55	1.94	1.88	2.29	2.79	3.23	1.58	1.53	0.00
	7	7	22	7	11	24	25	21	15	9	21	0
10	.82	.02	-.50	.68	2.19	5.66	11.04	10.63	10.30	7.40	6.08	0.00
	1.15	1.19	1.28	1.20	1.72	1.79	3.14	3.52	4.35	1.78	1.53	0.00
	7	9	27	8	12	26	25	23	16	9	24	0
20	.94	.05	-.49	.69	1.96	4.42	6.95	5.85	7.80	6.60	5.97	0.00
	1.03	1.19	1.26	1.18	1.62	1.75	3.20	2.64	4.98	2.68	1.48	0.00
	7	9	27	9	12	26	25	23	16	9	24	0
30	1.32	.13	-.46	.63	1.75	2.92	4.14	2.98	6.56	6.13	5.73	0.00
	.58	1.08	1.24	1.13	1.57	1.89	2.54	1.21	4.88	3.01	1.56	0.00
	7	9	27	9	12	26	25	23	16	9	24	0
50	1.64	.31	-.27	.46	.82	1.21	2.15	1.51	3.72	3.96	4.86	0.00
	.53	.99	1.27	.92	1.58	1.17	1.64	.94	3.71	2.61	1.93	0.00
	7	9	27	9	12	26	25	23	16	9	23	0
75	1.87	.57	.12	.74	.86	.59	1.11	1.01	2.46	1.84	2.82	0.00
	.91	.90	.99	1.11	1.73	.77	.91	.71	2.74	1.20	2.25	0.00
	7	9	27	9	12	26	25	23	15	9	23	0
100	2.03	.82	.81	1.49	.88	.58	.94	1.14	2.03	1.44	2.18	0.00
	1.18	.81	.71	1.43	1.24	.63	.70	.96	2.32	.79	2.17	0.00
	7	9	27	9	12	26	25	21	14	9	23	0
150	2.69	2.49	2.78	3.31	2.48	2.31	2.72	2.92	2.58	2.60	2.85	0.00
	1.69	1.54	1.29	1.77	1.62	1.04	1.35	1.10	1.49	1.61	2.18	0.00
	7	9	27	9	11	25	25	20	14	8	22	0
200	4.47	4.95	4.55	4.94	4.10	4.50	5.11	4.54	4.38	3.83	4.72	0.00
	.99	1.27	1.42	1.45	2.03	1.12	.92	.94	1.01	1.13	1.65	0.00
	7	8	24	8	11	21	23	18	13	7	18	0
250	5.26	5.30	5.56	5.41	4.29	5.07	5.28	4.89	4.72	4.86	5.70	0.00
	1.27	.32	.80	.77	1.58	.66	.83	.66	1.41	.56	1.20	0.00
	3	6	11	5	10	16	21	12	12	4	9	0
300	5.27	5.03	5.55	5.37	4.17	5.00	5.39	4.57	4.73	5.11	5.42	0.00
	.39	.18	.40	.18	1.20	.50	1.63	.47	.64	.02	.72	0.00
	3	5	9	5	8	11	16	8	10	2	5	0
400	4.41	4.53	4.94	4.57	4.24	4.90	4.65	4.33	4.72	0.00	4.60	0.00
	0.00	.02	.08	.28	.75	.76	.35	.11	.61	0.00	.18	0.00
	1	3	3	2	6	6	7	5	6	0	3	0
500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.51	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	0	0	0	0	0	1	0	0	0
600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.99	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	0	0	0	0	0	1	0	0	0
800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.94	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	0	0	0	0	0	1	0	0	0
1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.90	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	0	0	0	0	0	1	0	0	0

SALINITY AT SUBAREA 1 N.E. NFLD SHELF (INSHORE)

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	0.00	32.97	32.67	32.62	32.48	31.96	31.33	31.02	31.49	32.29	32.61	33.00
	0.00	.02	.06	.34	.47	.60	.71	.61	.64	.30	.31	.31
	0	3	3	19	52	64	103	70	43	20	20	19
10	0.00	32.90	32.68	32.63	32.59	32.13	31.79	31.18	31.59	32.30	32.65	33.00
	0.00	.11	.04	.34	.36	.53	.56	.58	.60	.28	.29	.30
	0	4	3	19	52	71	107	70	49	20	22	19
20	0.00	32.94	32.71	32.64	32.72	32.50	32.25	31.99	31.96	32.35	32.69	33.02
	0.00	.05	.06	.34	.31	.36	.41	.56	.51	.26	.27	.29
	0	4	3	19	52	71	107	70	50	20	24	19
30	0.00	33.00	32.72	32.67	32.82	32.73	32.59	32.48	32.41	32.42	32.74	33.06
	0.00	.06	.07	.32	.27	.24	.35	.44	.49	.26	.25	.24
	0	4	3	19	52	71	107	71	49	20	24	19
50	0.00	33.10	32.82	32.78	32.98	32.97	32.88	32.89	32.97	32.76	32.86	33.10
	0.00	.14	.06	.28	.21	.18	.25	.34	.31	.22	.24	.24
	0	4	3	19	52	71	107	71	49	20	24	19
75	0.00	33.21	32.88	32.89	33.12	33.09	33.06	33.08	33.17	33.10	33.06	33.21
	0.00	.09	.04	.23	.20	.21	.20	.30	.31	.22	.23	.21
	0	4	3	19	52	71	105	71	49	20	26	19
100	0.00	33.34	32.96	32.98	33.23	33.20	33.16	33.19	33.33	33.29	33.25	33.34
	0.00	.09	.11	.22	.24	.25	.22	.31	.31	.26	.28	.24
	0	4	3	19	52	70	105	71	49	20	26	19
150	0.00	33.67	33.22	33.24	33.47	33.42	33.39	33.43	33.65	33.61	33.50	33.66
	0.00	.22	.16	.31	.29	.33	.30	.35	.29	.27	.26	.29
	0	4	3	15	47	58	94	66	44	20	26	18
200	0.00	33.90	33.57	33.53	33.81	33.70	33.73	33.75	33.91	33.94	33.80	33.95
	0.00	.07	.05	.35	.31	.36	.29	.33	.30	.26	.22	.20
	0	3	3	13	39	47	75	57	33	17	22	14
250	0.00	34.19	0.00	33.94	34.11	34.03	34.07	33.94	34.11	34.25	34.05	34.17
	0.00	.22	0.00	.27	.28	.30	.23	.33	.31	.20	.23	.28
	0	2	0	10	28	34	58	43	25	14	6	10
300	0.00	34.30	0.00	34.00	34.38	34.27	34.38	34.14	34.29	34.49	34.42	34.34
	0.00	.21	0.00	.37	.18	.35	.17	.43	.24	.11	.27	.31
	0	2	0	3	17	16	32	26	12	7	2	5
400	0.00	34.54	0.00	0.00	34.61	34.41	34.56	34.45	34.59	34.62	34.67	34.65
	0.00	.02	0.00	0.00	.04	0.00	.09	0.00	.11	.06	0.00	0.00
	0	2	0	0	2	1	4	1	3	2	1	1
500	0.00	0.00	0.00	0.00	34.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	0	1	0	0	0	0	0	0	0

SALINITY AT SUBAREA 2 N.E. NFLD SHELF (OFFSHORE)

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	33.25 .06 2	33.97 .26 2	33.15 .39 5	32.95 .44 24	32.95 .30 79	32.34 .63 110	32.03 .73 166	31.75 .69 161	32.58 .84 14	32.76 .48 14	32.86 .83 22	33.49 .18 7
10	33.26 .05 2	33.60 .47 4	33.21 .30 5	32.98 .46 24	32.97 .29 80	32.49 .66 135	32.25 .60 172	31.90 .66 162	32.65 .81 18	32.80 .55 14	33.15 .64 40	33.57 .18 7
20	33.26 .05 2	33.62 .44 4	33.23 .29 5	33.01 .48 24	33.04 .32 80	32.75 .53 135	32.62 .45 174	32.41 .58 163	32.73 .79 18	32.84 .62 14	33.21 .60 40	33.57 .18 7
30	33.27 .06 2	33.65 .42 4	33.24 .31 5	33.05 .49 24	33.14 .35 80	33.00 .41 135	32.92 .44 174	32.87 .50 165	33.11 .54 18	32.94 .64 14	33.27 .56 40	33.57 .19 7
50	33.34 .05 2	33.70 .39 4	33.33 .44 5	33.19 .49 24	33.31 .36 80	33.27 .36 135	33.28 .44 174	33.29 .42 165	33.48 .44 18	33.37 .57 14	33.40 .48 41	33.59 .19 7
75	33.63 .18 2	33.87 .34 4	33.53 .60 5	33.33 .49 24	33.49 .37 80	33.44 .39 135	33.50 .46 174	33.50 .41 165	33.69 .47 18	33.64 .51 14	33.58 .39 41	33.66 .24 7
100	33.81 .13 2	34.01 .31 4	33.76 .58 5	33.50 .47 24	33.68 .37 80	33.59 .40 135	33.68 .47 173	33.67 .41 165	33.84 .45 18	33.83 .47 14	33.75 .34 42	33.74 .28 7
150	34.09 .02 2	34.16 .20 4	34.03 .50 5	33.81 .43 24	33.97 .36 80	33.86 .38 135	33.96 .43 173	33.95 .38 162	34.16 .34 18	34.06 .34 14	34.04 .29 42	34.11 .13 7
200	34.22 .03 2	34.30 .13 4	34.24 .40 5	34.06 .36 24	34.22 .31 80	34.13 .33 134	34.21 .34 170	34.20 .34 158	34.37 .30 18	34.25 .27 14	34.25 .29 38	34.32 .10 7
250	34.46 .04 2	34.42 .08 4	34.47 .16 3	34.29 .26 22	34.45 .20 68	34.33 .27 120	34.42 .27 155	34.43 .25 140	34.49 .25 12	34.39 .23 14	34.44 .16 26	34.50 .06 5
300	34.63 0.00 1	34.54 0.00 4	0.00 0.08 0	34.67 0.08 7	34.63 0.16 41	34.53 0.19 74	34.63 0.20 94	34.63 0.15 93	34.60 0.27 7	34.47 0.23 10	34.64 0.15 19	34.59 0.07 4
400	34.82 0.00 1	0.00 0.00 0	0.00 0.00 0	34.79 .03 4	34.77 .12 13	34.83 .08 15	34.79 .13 21	34.72 .09 31	34.51 .09 2	34.71 .51 3	34.69 .18 6	34.72 0.00 1
500	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	34.84 .03 4	34.91 .11 4	34.87 .08 11	34.81 .16 13	34.83 .07 11	34.55 .47 2	34.92 0.00 1	34.78 0.00 2	34.82 0.00 1
600	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	34.86 .02 2	34.90 .12 3	34.90 .09 8	34.80 .19 9	34.80 .07 6	34.57 .43 2	34.92 0.00 1	0.00 0.00 0	34.91 0.00 1
800	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	34.88 0.00 1	34.90 .08 3	34.92 .10 6	34.82 .19 9	34.81 .07 6	34.62 .37 2	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0
1000	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	34.95 .01 2	34.92 0.00 1	34.92 .04 3	34.87 .04 3	34.78 .06 3	34.44 .00 1	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0

SALINITY AT SUBAREA 3 LABRADOR BASIN

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	33.94 .34 8	34.16 .23 17	34.12 .43 18	34.17 .47 170	34.05 .56 175	33.89 .66 172	33.38 .74 100	33.08 .77 59	33.56 1.07 8	34.05 .32 12	33.88 .51 38	34.11 .18 7
10	33.92 .31 8	34.17 .22 17	34.12 .42 18	34.21 .45 214	34.06 .54 189	33.98 .56 179	33.61 .64 103	33.26 .75 63	33.81 .81 11	34.06 .32 12	33.91 .47 40	34.11 .18 7
20	34.01 .44 8	34.19 .19 17	34.14 .41 18	34.23 .42 216	34.09 .52 192	34.09 .49 180	33.92 .49 104	33.65 .65 63	33.92 .69 11	34.07 .30 12	33.93 .44 40	34.12 .19 7
30	33.94 .30 8	34.21 .17 18	34.16 .40 18	34.27 .39 216	34.16 .47 192	34.19 .42 180	34.19 .44 105	34.05 .59 63	34.08 .56 11	34.10 .26 12	33.98 .39 40	34.13 .19 7
50	34.04 .31 8	34.26 .14 18	34.21 .37 18	34.36 .32 216	34.30 .36 192	34.34 .34 180	34.43 .35 109	34.42 .40 63	34.43 .19 11	34.40 .22 12	34.05 .33 40	34.16 .17 7
75	34.23 .18 8	34.31 .12 18	34.34 .29 18	34.46 .24 216	34.44 .25 192	34.46 .27 180	34.58 .29 109	34.52 .41 63	34.66 .16 12	34.60 .19 12	34.31 .32 40	34.27 .04 7
100	34.45 .15 8	34.44 .17 18	34.48 .21 18	34.54 .19 216	34.53 .20 191	34.55 .23 180	34.66 .25 109	34.62 .27 63	34.77 .12 13	34.72 .15 12	34.50 .33 40	34.37 .11 7
150	34.71 .18 8	34.70 .18 18	34.64 .13 17	34.67 .12 216	34.66 .16 191	34.66 .17 180	34.75 .17 108	34.73 .18 64	34.85 .07 13	34.80 .10 12	34.68 .17 39	34.56 .13 7
200	34.78 .16 8	34.86 .04 17	34.77 .07 16	34.75 .09 216	34.75 .12 191	34.74 .12 180	34.79 .10 108	34.78 .14 64	34.88 .04 13	34.84 .08 12	34.75 .12 39	34.66 .14 7
250	34.85 .07 8	34.88 .03 17	34.83 .05 14	34.80 .07 216	34.79 .09 191	34.79 .09 180	34.82 .07 108	34.81 .09 64	34.90 .05 13	34.86 .08 12	34.79 .10 35	34.73 .09 7
300	34.87 .06 8	34.89 .02 17	34.86 .04 14	34.82 .05 214	34.82 .07 191	34.81 .07 180	34.84 .05 108	34.82 .07 64	34.91 .06 13	34.87 .06 12	34.82 .09 35	34.78 .07 7
400	34.87 .07 7	34.90 .02 16	34.89 .04 14	34.85 .05 214	34.85 .06 191	34.84 .04 180	34.85 .04 107	34.84 .05 63	34.92 .06 13	34.88 .08 12	34.84 .07 35	34.80 .05 7
500	34.88 .06 7	34.90 .02 16	34.89 .03 14	34.87 .04 212	34.86 .05 190	34.86 .04 178	34.86 .04 107	34.85 .03 60	34.92 .06 13	34.91 .05 12	34.85 .06 34	34.82 .03 7
600	34.90 .05 5	34.90 .02 16	34.90 .03 13	34.88 .03 205	34.87 .04 190	34.86 .04 178	34.87 .04 101	34.87 .03 45	34.93 .07 13	34.91 .05 12	34.86 .05 27	34.83 .02 6
800	34.91 .05 4	34.90 .02 13	34.90 .02 13	34.88 .03 198	34.88 .03 186	34.87 .03 172	34.87 .04 98	34.88 .03 43	34.89 .03 9	34.95 .07 5	34.87 .05 26	34.86 .02 6
1000	34.93 .03 3	34.90 .02 10	34.90 .02 10	34.89 .02 178	34.89 .03 170	34.88 .02 157	34.88 .04 91	34.88 .03 41	34.90 .02 9	34.97 .08 4	34.88 .05 24	34.88 .01 4

SALINITY AT SUBAREA 4 E. OFFSHORE

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	34.29	0.00	34.06	33.95	34.32	34.39	33.77	33.80	34.14	33.75	0.00	0.00
	0.00	0.00	.40	.49	.73	.65	.49	.67	1.04	0.00	0.00	0.00
	1	0	2	12	12	5	22	5	5	1	0	0
10	34.34	0.00	34.06	33.97	34.31	34.37	33.78	33.85	34.14	33.75	0.00	0.00
	0.00	0.00	.40	.50	.73	.54	.50	.67	1.03	.16	0.00	0.00
	1	0	2	12	12	6	23	6	5	2	0	0
20	34.36	0.00	34.06	34.00	34.33	34.40	33.94	33.95	34.25	33.76	0.00	0.00
	0.00	0.00	.40	.48	.74	.50	.49	.72	1.01	.16	0.00	0.00
	1	0	2	12	12	6	23	6	5	2	0	0
30	34.38	0.00	34.08	34.10	34.42	34.45	34.07	34.13	34.39	34.85	0.00	0.00
	0.00	0.00	.37	.40	.71	.49	.49	.75	.97	1.71	0.00	0.00
	1	0	2	12	12	6	23	6	5	2	0	0
50	34.45	0.00	34.12	34.20	34.49	34.59	34.32	34.35	34.77	34.79	0.00	0.00
	0.00	0.00	.32	.36	.62	.46	.40	.86	.96	1.65	0.00	0.00
	1	0	2	12	12	6	24	6	5	2	0	0
75	34.47	0.00	34.20	34.34	34.61	34.69	34.48	34.50	35.17	35.12	0.00	0.00
	0.00	0.00	.21	.28	.54	.40	.36	.72	.83	1.38	0.00	0.00
	1	0	2	12	12	6	24	6	5	2	0	0
100	34.58	0.00	34.34	34.45	34.72	34.72	34.61	34.65	35.15	35.13	0.00	0.00
	0.00	0.00	.01	.29	.46	.30	.31	.59	.82	.93	0.00	0.00
	1	0	2	12	12	6	24	6	5	2	0	0
150	34.70	0.00	34.71	34.59	34.83	34.75	34.73	34.83	35.19	35.21	0.00	0.00
	0.00	0.00	.15	.18	.30	.21	.21	.42	.64	.64	0.00	0.00
	1	0	2	12	12	6	24	6	5	2	0	0
200	34.79	0.00	34.70	34.74	34.88	34.80	34.77	34.92	35.24	35.10	0.00	0.00
	0.00	0.00	.00	.09	.23	.19	.15	.30	.53	.45	0.00	0.00
	1	0	2	12	12	6	24	6	5	2	0	0
250	35.34	0.00	34.72	34.80	34.87	34.85	34.80	34.92	35.19	34.94	0.00	0.00
	0.00	0.00	.04	.07	.20	.15	.12	.19	.47	.03	0.00	0.00
	1	0	2	12	12	6	24	6	5	2	0	0
300	35.25	0.00	34.83	34.84	34.89	34.83	34.84	34.90	35.12	34.95	0.00	0.00
	0.00	0.00	.07	.05	.16	.06	.09	.10	.45	.01	0.00	0.00
	1	0	2	12	12	6	23	6	5	2	0	0
400	35.03	0.00	34.85	34.86	34.94	34.87	34.86	34.89	35.04	34.95	0.00	0.00
	0.00	0.00	.04	.06	.06	.07	.07	.08	.25	.04	0.00	0.00
	1	0	2	12	12	6	23	5	5	2	0	0
500	34.88	0.00	34.86	34.88	34.92	34.90	34.88	34.90	34.96	34.94	0.00	0.00
	0.00	0.00	.03	.04	.06	.11	.08	.07	.14	.03	0.00	0.00
	1	0	2	12	12	6	23	5	5	2	0	0
600	34.85	0.00	34.87	34.89	34.92	34.87	34.89	34.90	34.97	34.92	0.00	0.00
	0.00	0.00	.02	.02	.05	.10	.06	.05	.11	0.00	0.00	0.00
	1	0	2	11	10	5	23	5	5	1	0	0
800	34.88	0.00	34.88	34.89	34.91	34.89	34.89	34.90	34.91	34.97	0.00	0.00
	0.00	0.00	.01	.02	.04	.07	.06	.04	.07	0.00	0.00	0.00
	1	0	2	11	10	5	23	5	5	1	0	0
1000	34.90	0.00	34.88	34.90	34.92	34.89	34.90	34.90	34.94	35.01	0.00	0.00
	0.00	0.00	.01	.02	.03	.05	.06	.05	.05	0.00	0.00	0.00
	1	0	2	10	10	5	19	3	5	1	0	0

SALINITY AT SUBAREA 5 FLEMISH CAP E. SLOPE

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	34.18 0.00	33.77 0.00	34.22 .09	33.93 .35	33.75 .45	33.88 .32	33.39 .46	33.45 .33	33.39 .16	33.63 .24	0.00 0.00	33.79 .26
10	34.22 0.00	33.77 0.00	34.25 .12	33.93 .35	33.86 .51	33.91 .29	33.44 .44	33.58 .33	33.41 .17	33.65 .28	0.00 0.00	33.78 .26
20	34.22 0.00	33.77 0.00	34.23 .09	33.97 .30	33.90 .50	33.97 .25	33.61 .46	33.71 .35	33.44 .20	33.65 .27	0.00 0.00	33.80 .31
30	34.22 0.00	33.77 0.00	34.24 .09	34.00 .26	33.93 .50	34.04 .24	33.76 .46	33.84 .35	33.50 .20	33.66 .26	0.00 0.00	33.82 .27
50	34.27 0.00	33.78 0.00	34.29 .15	34.11 .18	34.14 .38	34.17 .22	33.94 .50	34.05 .32	33.95 .14	33.92 .40	0.00 0.00	33.80 .23
75	34.34 0.00	33.96 0.00	34.34 .19	34.22 .12	34.35 .30	34.30 .20	34.24 .27	34.29 .19	34.35 .10	34.52 .13	0.00 0.00	34.53 .19
100	34.36 0.00	34.09 0.00	34.34 .13	34.34 .06	34.49 .25	34.41 .18	34.42 .22	34.47 .15	34.49 .08	34.62 .23	0.00 0.00	34.55 .01
150	34.56 0.00	34.41 0.00	34.57 .17	34.55 .10	34.62 .25	34.61 .10	34.60 .18	34.64 .12	34.66 .01	34.70 .13	0.00 0.00	34.68 .07
200	34.79 0.00	34.70 0.00	34.76 .07	34.72 .08	34.72 .21	34.74 .04	34.71 .13	34.76 .11	34.74 .02	34.71 .11	0.00 0.00	34.80 .06
250	34.88 0.00	34.79 0.00	34.84 .03	34.80 .06	34.82 .08	34.81 .02	34.77 .11	34.83 .08	34.78 .02	34.78 .02	0.00 0.00	34.88 .01
300	34.92 0.00	0.00 0.00	34.88 .06	34.84 .06	34.85 .07	34.84 .02	34.83 .08	34.88 .07	34.83 .01	34.79 .00	0.00 0.00	34.91 .04
400	35.03 0.00	0.00 0.00	34.90 .08	34.85 .05	34.88 .06	34.84 .02	34.87 .07	34.91 .07	34.82 .06	34.81 .00	0.00 0.00	34.90 .04
500	35.03 0.00	0.00 0.00	34.87 .03	34.88 .03	34.89 .06	34.86 .02	34.88 .07	34.92 .08	34.79 .00	34.81 .00	0.00 0.00	34.89 .00
600	0.00 0.00	0.00 0.00	0.00 0.00	34.91 0.00	34.91 .04	34.87 0.00	34.89 0.00	34.96 .02	34.82 0.00	34.81 0.00	0.00 0.00	0.00 0.00
800	0.00 0.00	0.00 0.00	0.00 0.00	34.89 0.00	34.93 .00	0.00 0.00	0.00 0.00	34.96 0.00	34.85 0.00	34.85 0.00	0.00 0.00	0.00 0.00
1000	0.00 0.00	0.00 0.00	0.00 0.00	34.94 0.00	34.92 0.00	0.00 0.00	0.00 0.00	34.89 0.00	34.83 0.00	0.00 0.00	0.00 0.00	0.00 0.00
	0	0	0	1	1	0	0	1	1	0	0	0

SALINITY AT SUBAREA 6 FLEMISH CAP N. SLOPE

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	33.83 .24 7	33.94 .17 9	34.11 .27 10	34.02 .27 61	34.07 .23 55	33.81 .26 51	33.10 .49 13	33.03 .53 8	32.34 .11 2	32.94 0.00 1	33.66 .23 8	33.98 0.00 2
10	33.84 .24 7	33.96 .19 9	34.12 .25 10	34.02 .28 69	34.04 .33 61	33.85 .24 51	33.18 .43 13	33.10 .53 8	32.47 .05 2	32.95 0.00 1	33.63 .20 8	34.00 0.00 2
20	33.84 .25 7	33.98 .22 9	34.14 .24 10	34.04 .27 69	34.06 .31 62	33.89 .23 51	33.34 .40 13	33.20 .49 8	32.59 .02 2	32.95 0.00 1	33.65 .23 8	34.01 0.00 2
30	33.84 .25 7	34.03 .25 9	34.16 .23 10	34.07 .27 69	34.07 .29 62	33.93 .21 51	33.52 .48 13	33.44 .52 8	32.75 .14 2	33.56 0.00 1	33.69 .25 8	34.01 0.00 2
50	33.86 .25 7	34.12 .29 9	34.21 .24 10	34.12 .26 69	34.13 .24 62	34.04 .20 51	33.81 .41 13	33.62 .63 8	33.29 .68 2	33.95 0.00 1	33.93 .33 8	34.01 0.00 2
75	34.04 .09 7	34.21 .34 8	34.26 .20 10	34.22 .25 69	34.26 .21 61	34.19 .19 51	34.05 .35 13	33.97 .46 8	33.58 .81 2	34.18 0.00 1	34.31 .28 8	34.06 0.00 2
100	34.26 .10 7	34.33 .34 8	34.34 .18 10	34.32 .22 69	34.38 .17 61	34.32 .16 51	34.25 .28 13	34.29 .38 8	33.79 .83 2	34.49 0.00 1	34.52 .19 8	34.43 0.00 2
150	34.55 .19 7	34.66 .26 8	34.62 .15 10	34.56 .15 68	34.60 .12 60	34.56 .10 51	34.50 .21 13	34.58 .23 8	34.13 .76 2	34.61 0.00 1	34.62 .10 8	34.69 0.00 2
200	34.69 .18 7	34.78 .15 8	34.76 .07 10	34.73 .08 54	34.73 .08 44	34.70 .06 32	34.66 .15 12	34.75 .22 7	34.41 .60 2	34.70 0.00 1	34.73 .08 8	34.76 0.00 2
250	34.84 .06 6	34.83 .10 8	34.83 .04 7	34.80 .06 40	34.80 .07 26	34.78 .04 17	34.76 .10 9	34.84 .07 6	34.63 .36 2	34.82 0.00 1	34.71 .28 7	34.82 0.00 2
300	34.90 .03 3	34.89 .04 6	34.87 .04 6	34.81 .07 25	34.83 .09 18	34.82 .05 12	34.87 .04 4	34.84 .10 3	34.83 .10 2	34.86 0.00 1	34.85 .06 5	34.88 0.00 2
400	34.91 .04 2	34.89 .03 6	34.88 .05 5	34.84 .07 16	34.85 .12 10	34.83 .06 5	34.89 .03 4	34.87 .03 2	34.87 .05 2	0.00 0.00 0	34.88 .05 4	0.00 0.00 0
500	34.93 0.00 1	34.90 .02 3	34.90 .04 4	34.85 .06 8	34.84 .06 9	34.88 0.00 1	34.90 .05 3	34.88 .02 2	34.82 .13 2	0.00 0.00 0	34.89 .04 4	0.00 0.00 0
600	34.93 0.00 1	34.88 .01 2	34.94 .03 2	34.87 .05 7	34.88 .08 7	34.89 0.00 1	0.00 0.00 0	34.89 0.00 1	0.00 0.00 0	0.00 0.00 0	34.89 .03 4	0.00 0.00 0
800	0.00 0.00 0	0.00 .00 0	0.00 .00 4	34.88 .05 3	34.85 .08 0	0.00 0.00 0	0.00 0.00 0	34.91 0.00 1	0.00 0.00 0	0.00 0.00 0	34.92 0.00 1	0.00 0.00 0
1000	0.00 0.00 0	0.00 .00 0	0.00 .00 0	34.96 .00 0	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	34.91 0.00 1	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0
	0	0	0	1	0	0	0	0	1	0	0	0

SALINITY AT SUBAREA 7 FLEMISH CAP W. SLOPE

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	33.71 .33 11	33.88 .17 24	34.12 .32 37	34.03 .35 175	33.91 .40 149	33.78 .30 112	33.22 .44 61	32.98 .43 33	32.68 .48 10	33.01 .29 13	33.16 .39 16	33.66 0.00 1
10	33.72 .34 11	33.89 .17 25	34.13 .31 38	33.98 .37 200	33.91 .42 160	33.80 .29 115	33.29 .43 63	33.10 .40 33	32.80 .39 10	33.03 .25 13	33.16 .39 16	33.58 .12 2
20	33.74 .35 11	33.89 .17 25	34.13 .30 38	34.00 .36 200	33.92 .44 163	33.84 .27 115	33.40 .39 63	33.27 .37 33	32.92 .34 10	33.11 .34 13	33.20 .43 16	33.57 .13 2
30	33.74 .36 11	33.90 .17 25	34.15 .29 38	34.03 .35 200	33.97 .42 164	33.89 .26 117	33.56 .35 63	33.49 .36 33	33.16 .38 10	33.15 .32 13	33.25 .36 16	33.59 .12 2
50	33.79 .37 11	33.93 .18 25	34.18 .27 38	34.08 .34 200	34.09 .34 164	34.06 .23 117	33.88 .31 63	33.85 .34 33	33.71 .36 10	33.46 .31 13	33.57 .35 16	33.80 .02 2
75	33.91 .31 12	34.01 .23 25	34.25 .25 38	34.20 .27 200	34.24 .28 164	34.22 .20 117	34.12 .28 63	34.09 .29 33	34.03 .38 10	33.96 .41 14	34.09 .34 16	34.51 .10 2
100	34.16 .34 13	34.24 .23 25	34.33 .24 37	34.33 .23 200	34.39 .23 164	34.38 .19 117	34.31 .24 63	34.30 .26 33	34.33 .37 10	34.32 .21 14	34.35 .26 16	34.57 .04 2
150	34.59 .17 13	34.66 .17 25	34.57 .18 36	34.57 .16 199	34.60 .14 164	34.58 .13 117	34.53 .18 63	34.58 .17 33	34.58 .32 10	34.58 .18 14	34.66 .16 16	34.69 0.00 1
200	34.74 .12 11	34.80 .09 22	34.73 .12 32	34.72 .11 192	34.73 .11 157	34.73 .09 110	34.69 .15 61	34.73 .12 31	34.73 .23 10	34.70 .13 12	34.80 .09 16	34.81 0.00 1
250	34.80 .10 9	34.87 .06 20	34.81 .06 27	34.81 .08 164	34.80 .09 130	34.81 .07 90	34.78 .11 50	34.80 .09 24	34.78 .13 8	34.75 .10 9	34.83 .07 12	34.84 0.00 1
300	34.90 .02 3	34.89 .05 10	34.86 .04 16	34.85 .07 106	34.84 .11 86	34.86 .05 61	34.84 .06 41	34.83 .09 15	34.86 .03 5	34.81 .08 4	34.89 .01 2	0.00 0.00
400	0.00 0.00 0	34.91 .04 5	34.88 .02 9	34.89 .04 67	34.87 .12 55	34.88 .05 39	34.90 .01 7	34.90 .00 3	34.85 .03 3	34.85 .05 3	34.84 .00 1	34.89 0.00 0
500	0.00 0.00 0	34.91 .04 5	34.89 .01 8	34.90 .03 59	34.88 .12 45	34.90 .05 32	34.90 .01 4	34.86 .00 2	34.88 .01 2	34.81 .03 2	34.91 .03 1	0.00 0.00 0
600	0.00 0.00 0	34.93 .04 3	34.90 .02 5	34.90 .04 43	34.90 .03 31	34.90 .04 25	34.91 .00 3	34.87 .01 2	34.89 .01 2	34.79 .01 1	34.92 0.00 1	0.00 0.00 0
800	0.00 0.00 0	34.90 .00 1	34.91 .00 4	34.90 .03 35	34.90 .03 24	34.89 .03 21	34.91 .01 2	0.00 .01 0	34.90 .00 1	34.78 .00 1	34.93 0.00 1	0.00 0.00 0
1000	0.00 0.00 0	0.00 0.00 0	34.91 .00 0	34.90 .03 20	34.91 .03 16	34.90 .02 12	34.90 .03 0	0.00 .01 0	0.00 .00 0	0.00 .00 0	0.00 0.00 0	0.00 0.00 0

SALINITY AT SUBAREA 8 CENTRAL FLEMISH CAP

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	33.81 .08 4	0.00 0.00 0	34.22 .12 18	34.13 .37 67	34.06 .32 53	33.94 .23 36	33.51 .47 51	33.33 .31 14	33.48 .27 2	33.41 .09 3	33.58 .43 3	33.55 .10 3
10	33.85 .12 4	33.99 0.00 1	34.22 .12 18	34.12 .35 69	34.07 .32 53	33.95 .22 36	33.51 .40 51	33.39 .30 14	33.48 .27 2	33.40 .11 3	33.54 .36 4	33.55 .10 3
20	33.86 .12 4	34.02 0.00 1	34.22 .11 18	34.13 .33 69	34.08 .32 53	33.97 .21 36	33.57 .39 51	33.47 .29 14	33.67 .41 2	33.38 .11 3	33.53 .36 4	33.55 .10 3
30	33.92 .10 4	34.04 0.00 1	34.22 .12 18	34.14 .31 69	34.09 .32 53	34.01 .22 36	33.68 .41 51	33.58 .30 14	33.87 .29 2	33.43 .19 3	33.56 .37 4	33.55 .10 3
50	33.91 .12 4	34.10 0.00 1	34.23 .14 18	34.17 .28 69	34.12 .29 53	34.10 .23 36	33.90 .42 51	33.91 .32 14	34.07 .05 2	34.39 .91 3	33.74 .44 4	33.59 .16 3
75	33.94 .15 4	34.22 0.00 1	34.28 .13 18	34.22 .24 69	34.20 .24 53	34.19 .18 36	34.11 .27 51	34.14 .21 14	34.22 .06 2	34.84 .97 3	34.10 .36 4	34.02 .28 3
100	34.07 .08 4	34.33 0.00 1	34.33 .15 17	34.30 .18 67	34.31 .18 50	34.32 .16 35	34.26 .21 51	34.37 .12 14	34.35 .04 2	34.85 .91 3	34.26 .21 4	34.41 .05 3
150	34.64 0.00 1	0.00 0.00 0	34.52 .08 6	34.50 .14 29	34.48 .11 22	34.46 .11 16	34.43 .17 38	34.56 .08 10	0.00 0.00 0	0.00 0.00 0	34.23 0.00 1	34.44 0.00 2
200	0.00 0.00 0	0.00 0.00 0	34.75 .00 1	34.79 .02 2	0.00 0.00 0	0.00 0.00 0	34.57 .00 1	34.73 .00 1	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0
250	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	34.49 .00 1	0.00 .00 0	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0
300	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	34.74 .00 1	0.00 .00 0	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0
	0	0	0	0	0	0	1	0	0	0	0	0

SALINITY AT SUBAREA 9 FLEMISH CAP S. SLOPE

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	0.00	0.00	34.34	34.26	34.15	34.01	33.58	33.08	33.54	0.00	33.57	0.00
	0.00	0.00	.13	.31	.34	.28	.40	.10	0.00	0.00	0.00	0.00
	0	0	8	59	46	40	14	3	1	0	1	0
10	0.00	0.00	34.34	34.24	34.18	34.03	33.67	33.13	33.56	33.33	33.60	0.00
	0.00	0.00	.13	.35	.32	.27	.40	.15	0.00	0.00	0.00	0.00
	0	0	8	61	46	40	14	3	1	1	1	0
20	0.00	0.00	34.34	34.27	34.21	34.06	33.81	33.24	33.72	33.38	33.62	0.00
	0.00	0.00	.13	.32	.33	.28	.37	.13	0.00	0.00	0.00	0.00
	0	0	8	61	46	40	14	3	1	1	1	0
30	0.00	0.00	34.35	34.29	34.25	34.12	33.92	33.37	33.73	33.43	33.60	0.00
	0.00	0.00	.12	.29	.32	.28	.37	.06	0.00	0.00	0.00	0.00
	0	0	8	61	46	40	14	3	1	1	1	0
50	0.00	0.00	34.37	34.34	34.32	34.24	34.08	33.71	34.06	33.53	33.58	0.00
	0.00	0.00	.16	.26	.27	.26	.32	.15	0.00	0.00	0.00	0.00
	0	0	8	61	46	40	14	4	1	1	1	0
75	0.00	0.00	34.40	34.40	34.40	34.36	34.27	33.92	34.42	33.80	34.22	0.00
	0.00	0.00	.13	.21	.22	.24	.27	.17	0.00	0.00	0.00	0.00
	0	0	8	61	46	40	14	4	1	1	1	0
100	0.00	0.00	34.49	34.46	34.48	34.47	34.39	34.12	34.58	34.10	34.54	0.00
	0.00	0.00	.10	.18	.21	.19	.18	.19	0.00	0.00	0.00	0.00
	0	0	8	61	46	40	14	4	1	1	1	0
150	0.00	0.00	34.63	34.61	34.63	34.63	34.56	34.44	34.68	34.18	34.61	0.00
	0.00	0.00	.08	.14	.13	.14	.19	.18	0.00	0.00	0.00	0.00
	0	0	8	57	43	36	14	4	1	1	1	0
200	0.00	0.00	34.73	34.76	34.75	34.75	34.74	34.70	34.74	34.27	34.63	0.00
	0.00	0.00	.08	.07	.11	.08	.06	.11	0.00	0.00	0.00	0.00
	0	0	7	47	31	30	11	3	1	1	1	0
250	0.00	0.00	34.81	34.80	34.81	34.81	34.80	34.83	34.78	34.36	34.58	0.00
	0.00	0.00	.06	.08	.09	.05	.03	.05	0.00	0.00	0.00	0.00
	0	0	6	39	25	22	7	2	1	1	1	0
300	0.00	0.00	34.85	34.83	34.85	34.84	34.85	34.90	0.00	34.44	34.58	0.00
	0.00	0.00	.04	.08	.07	.05	.03	0.00	0.00	0.00	0.00	0.00
	0	0	5	37	24	22	6	1	0	1	1	0
400	0.00	0.00	34.89	34.87	34.87	34.86	34.87	34.95	0.00	34.62	0.00	0.00
	0.00	0.00	.02	.04	.05	.04	.02	0.00	0.00	0.00	0.00	0.00
	0	0	3	33	22	20	3	1	0	1	0	0
500	0.00	0.00	34.89	34.88	34.88	34.87	34.87	0.00	0.00	34.79	0.00	0.00
	0.00	0.00	0.00	.04	.04	.02	.02	0.00	0.00	0.00	0.00	0.00
	0	0	1	30	22	19	3	0	0	1	0	0
600	0.00	0.00	0.00	34.89	34.88	34.87	34.87	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	.04	.04	.02	.02	0.00	0.00	0.00	0.00	0.00
	0	0	0	22	15	11	3	0	0	0	0	0
800	0.00	0.00	0.00	34.89	34.89	34.87	34.89	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	.03	.03	.02	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	17	10	8	1	0	0	0	0	0
1000	0.00	0.00	0.00	34.89	34.89	34.88	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	.03	.03	.02	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	14	10	8	0	0	0	0	0	0

SALINITY AT SUBAREA 10 N. NFLD BASIN

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	0.00	0.00	34.19	34.36	34.17	33.93	34.04	34.25	32.46	33.24	34.15	33.76
	0.00	0.00	.35	.62	.77	.67	.51	.77	.51	.51	.65	0.00
	0	0	11	202	185	125	19	5	3	2	6	2
10	35.33	0.00	34.19	34.36	34.20	33.96	34.04	34.27	32.61	33.20	34.18	33.78
	.45	0.00	.35	.63	.76	.65	.57	.75	.44	.40	.66	0.00
	5	0	11	232	193	136	21	5	5	3	6	2
20	35.33	0.00	34.20	34.39	34.28	34.05	34.15	34.10	32.91	33.21	34.11	33.78
	.45	0.00	.35	.63	.77	.65	.64	1.06	.29	.43	.61	0.00
	5	0	11	233	194	136	21	5	5	3	6	2
30	35.33	0.00	34.21	34.42	34.36	34.17	34.37	34.33	33.19	33.24	34.14	33.79
	.45	0.00	.34	.63	.76	.65	.64	1.01	.27	.45	.69	0.00
	5	0	11	233	194	136	21	5	5	3	6	2
50	35.32	0.00	34.25	34.51	34.54	34.40	34.65	34.92	33.61	33.44	34.40	33.83
	.45	0.00	.32	.59	.71	.63	.70	1.01	.23	.71	.85	0.00
	5	0	11	233	194	136	22	5	5	3	6	2
75	35.32	0.00	34.39	34.58	34.67	34.57	34.74	35.50	33.97	33.98	35.01	34.51
	.44	0.00	.24	.54	.62	.56	.61	.71	.13	.46	.95	0.00
	5	0	11	234	194	136	22	5	5	3	6	2
100	35.32	0.00	34.44	34.64	34.75	34.66	34.81	35.44	34.25	34.34	35.18	34.65
	.43	0.00	.25	.49	.54	.48	.52	.61	.16	.38	.69	0.00
	5	0	11	234	194	136	22	5	5	3	6	2
150	35.27	0.00	34.54	34.76	34.82	34.73	34.88	35.18	34.49	34.49	35.27	34.73
	.46	0.00	.19	.37	.42	.34	.40	.58	.22	.31	.63	0.00
	5	0	11	234	194	136	22	5	5	3	6	2
200	35.20	0.00	34.68	34.82	34.85	34.81	34.86	35.08	34.67	34.72	35.24	34.77
	.46	0.00	.14	.30	.33	.28	.27	.50	.13	.46	.61	0.00
	5	0	11	233	194	136	22	5	5	3	6	2
250	35.14	0.00	34.76	34.86	34.88	34.83	34.89	35.17	34.80	34.80	35.15	34.79
	.45	0.00	.11	.24	.24	.21	.20	.55	.10	.42	.36	0.00
	5	0	11	233	194	135	22	4	5	3	6	2
300	35.05	0.00	34.81	34.88	34.90	34.86	34.90	35.10	34.84	34.80	35.18	34.80
	.35	0.00	.11	.18	.20	.18	.15	.45	.08	.32	.38	0.00
	5	0	11	233	194	135	22	4	5	3	6	2
400	34.98	0.00	34.86	34.92	34.91	34.92	34.90	35.07	34.88	34.79	35.07	34.82
	.18	0.00	.12	.12	.11	.13	.09	.24	.05	.15	.30	0.00
	5	0	11	232	192	134	22	4	4	3	6	2
500	34.92	0.00	34.89	34.93	34.93	34.93	34.89	34.99	34.88	34.85	35.02	34.85
	.06	0.00	.07	.08	.10	.09	.06	.09	.05	.07	.19	0.00
	5	0	11	232	191	134	22	4	4	3	6	2
600	34.92	0.00	34.91	34.93	34.93	34.93	34.90	34.97	34.91	34.90	34.96	34.88
	.04	0.00	.05	.05	.10	.07	.05	.03	.06	.04	.12	0.00
	5	0	10	230	188	134	20	4	3	2	5	2
800	34.94	0.00	34.92	34.93	34.93	34.93	34.91	34.96	34.91	34.90	34.99	34.89
	.06	0.00	.03	.04	.08	.05	.04	.09	.05	0.00	.26	0.00
	5	0	10	225	184	133	20	4	3	1	5	2
1000	34.92	0.00	34.92	34.92	34.92	34.92	34.88	34.95	34.90	34.92	35.01	34.90
	.04	0.00	.02	.04	.04	.04	.11	.07	.04	0.00	.30	0.00
	5	0	8	219	178	131	20	4	3	1	5	2

SALINITY AT SUBAREA 11 S.W. NFLD BASIN

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	33.78 .72 7	34.28 .82 52	34.28 .67 42	34.13 .86 492	33.85 .88 498	33.56 .78 296	33.04 .81 39	32.82 .85 128	33.38 1.01 25	32.82 .90 9	33.36 .69 51	0.00 0.00 0
10	34.00 .58 13	34.30 .82 52	34.26 .69 47	34.13 .83 585	33.90 .89 573	33.63 .77 391	33.09 .85 74	32.95 .90 132	33.32 .89 28	32.89 .79 9	33.40 .71 51	0.00 0.00 0
20	34.02 .59 13	34.32 .83 52	34.28 .70 47	34.17 .82 589	34.01 .90 580	33.76 .80 392	33.30 .90 74	33.24 .92 132	33.49 .94 28	32.96 .76 9	33.42 .74 51	0.00 0.00 0
30	34.06 .60 13	34.35 .83 52	34.32 .69 47	34.22 .81 590	34.11 .88 580	33.89 .84 393	33.48 .89 74	33.55 .94 133	33.63 .97 28	33.00 .75 9	33.47 .78 51	0.00 0.00 0
50	34.17 .59 13	34.42 .82 52	34.40 .67 47	34.34 .76 590	34.31 .82 580	34.19 .79 394	33.86 .84 76	33.99 .94 133	34.12 .96 28	33.24 .85 9	33.96 .88 51	0.00 0.00 0
75	34.37 .46 13	34.53 .77 52	34.50 .56 47	34.49 .67 590	34.51 .71 580	34.40 .68 394	34.13 .73 76	34.38 .79 133	34.47 .76 28	33.72 .75 9	34.48 .81 51	0.00 0.00 0
100	34.54 .41 13	34.69 .68 52	34.60 .47 46	34.60 .58 590	34.62 .62 580	34.53 .59 394	34.36 .63 76	34.55 .67 132	34.62 .61 28	34.02 .62 9	34.66 .67 51	0.00 0.00 0
150	34.80 .35 13	34.91 .53 52	34.72 .38 46	34.75 .44 587	34.74 .47 580	34.67 .45 389	34.59 .45 76	34.70 .52 131	34.78 .42 28	34.32 .58 9	34.77 .48 51	0.00 0.00 0
200	34.89 .27 13	34.95 .44 52	34.77 .29 46	34.82 .35 587	34.81 .36 580	34.76 .36 389	34.68 .34 76	34.78 .41 129	34.83 .33 28	34.52 .48 9	34.84 .36 51	0.00 0.00 0
250	34.96 .20 13	34.99 .36 52	34.82 .23 44	34.85 .27 584	34.86 .28 580	34.81 .29 389	34.76 .28 77	34.83 .33 127	34.88 .25 28	34.64 .40 9	34.89 .29 51	0.00 0.00 0
300	34.97 .13 13	34.98 .29 51	34.86 .14 43	34.88 .22 583	34.89 .22 580	34.86 .24 388	34.84 .22 76	34.88 .25 121	34.85 .19 27	34.76 .27 9	34.91 .24 51	0.00 0.00 0
400	34.96 .05 13	34.97 .16 51	34.91 .09 41	34.92 .12 579	34.92 .13 577	34.91 .14 386	34.89 .18 77	34.92 .14 118	34.84 .17 27	34.91 .15 9	34.96 .16 50	0.00 0.00 0
500	34.95 .05 13	34.95 .10 51	34.93 .06 40	34.94 .07 566	34.94 .08 569	34.93 .08 383	34.92 .13 77	34.94 .10 97	34.91 .12 27	34.95 .12 9	34.98 .10 50	0.00 0.00 0
600	34.94 .04 13	34.95 .07 51	34.94 .04 39	34.94 .05 564	34.95 .05 560	34.94 .06 382	34.93 .11 77	34.94 .06 70	34.93 .06 23	34.95 .12 9	34.97 .06 49	0.00 0.00 0
800	34.94 .03 13	34.94 .05 51	34.94 .04 36	34.94 .06 559	34.95 .04 556	34.94 .04 369	34.93 .06 76	34.95 .06 70	34.95 .06 23	34.93 .15 4	34.96 .04 48	0.00 0.00 0
1000	34.93 .03 13	34.94 .04 49	34.93 .03 31	34.93 .04 541	34.94 .06 539	34.94 .04 362	34.93 .04 73	34.94 .06 58	34.94 .06 23	34.87 .03 3	34.95 .08 48	0.00 0.00 0

SALINITY AT SUBAREA 12 E. SLOPE

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	32.99	33.28	33.38	33.19	32.98	32.87	32.58	32.21	32.22	32.70	33.10	33.18
	.56	.40	.42	.42	.35	.36	.47	.30	.51	.50	.43	.08
	12	29	46	516	560	350	59	185	23	11	29	3
10	33.20	33.31	33.41	33.22	33.01	32.92	32.63	32.36	32.44	32.64	33.13	33.25
	.59	.41	.41	.42	.37	.34	.46	.35	.48	.45	.42	.02
	16	29	46	591	644	446	90	192	24	14	29	3
20	33.23	33.34	33.44	33.26	33.08	33.00	32.80	32.59	32.69	32.72	33.17	33.35
	.58	.43	.43	.43	.39	.36	.43	.35	.36	.42	.39	.13
	16	29	46	593	647	448	90	192	24	14	29	3
30	33.32	33.37	33.48	33.31	33.16	33.11	33.01	32.86	32.94	32.83	33.23	33.41
	.52	.44	.44	.44	.40	.38	.37	.35	.29	.40	.41	.15
	16	29	46	596	647	450	89	193	24	14	29	3
50	33.58	33.44	33.60	33.45	33.35	33.35	33.32	33.25	33.30	33.13	33.47	33.48
	.49	.43	.45	.46	.43	.41	.39	.37	.35	.45	.52	.11
	16	29	45	591	635	439	86	193	22	14	29	3
75	33.85	33.58	33.79	33.64	33.54	33.57	33.52	33.54	33.55	33.49	33.84	33.53
	.62	.40	.44	.46	.45	.45	.42	.44	.46	.68	.56	.07
	14	28	44	549	608	416	81	193	20	14	25	3
100	34.00	33.80	33.92	33.81	33.73	33.76	33.68	33.73	33.69	33.82	34.11	33.81
	.62	.44	.44	.47	.45	.48	.46	.43	.51	.60	.56	.32
	12	25	41	515	569	386	77	192	20	12	25	3
150	34.08	34.00	34.14	34.07	34.00	34.03	33.93	33.99	34.00	34.02	34.30	34.47
	.52	.48	.42	.44	.45	.47	.45	.43	.48	.51	.53	.40
	12	24	39	481	538	359	73	187	18	12	24	2
200	34.16	34.17	34.28	34.29	34.24	34.27	34.18	34.21	34.23	34.18	34.39	34.76
	.49	.48	.39	.38	.40	.40	.41	.41	.41	.66	.58	.16
	12	23	37	444	497	329	66	177	16	12	23	2
250	34.34	34.35	34.45	34.45	34.46	34.48	34.36	34.42	34.44	34.41	34.54	34.84
	.42	.43	.27	.33	.31	.32	.38	.33	.35	.52	.39	.09
	11	22	29	414	457	297	58	148	14	10	23	2
300	34.50	34.51	34.56	34.61	34.62	34.61	34.54	34.62	34.59	34.60	34.65	34.89
	.45	.37	.26	.23	.23	.26	.37	.29	.23	.31	.33	.02
	11	21	26	370	434	278	49	106	13	10	21	2
400	34.63	34.74	34.75	34.77	34.78	34.78	34.75	34.78	34.73	34.78	34.81	34.94
	.25	.20	.14	.15	.15	.15	.22	.15	.16	.14	.16	.06
	10	17	21	343	401	263	42	97	10	8	19	2
500	34.81	34.83	34.83	34.84	34.85	34.85	34.84	34.84	34.77	34.83	34.87	34.94
	.12	.12	.08	.10	.09	.10	.13	.10	.25	.09	.10	.08
	9	17	20	315	379	252	38	56	8	8	18	2
600	34.86	34.87	34.87	34.89	34.89	34.89	34.87	34.84	34.87	34.83	34.88	34.95
	.05	.07	.06	.06	.06	.09	.13	.05	.08	.06	.08	.09
	8	15	17	258	328	217	34	19	7	7	18	2
800	34.89	34.90	34.90	34.90	34.90	34.90	34.91	34.88	34.90	34.83	34.90	34.89
	.02	.05	.02	.04	.05	.08	.04	.05	.06	.05	.05	.01
	6	12	12	229	279	190	30	16	6	6	15	2
1000	34.90	34.90	34.89	34.90	34.90	34.90	34.91	34.89	34.90	34.85	34.91	34.88
	.02	.04	.02	.03	.05	.08	.02	.04	.05	.04	.04	.01
	5	11	9	204	216	171	29	15	5	5	15	2

SALINITY AT SUBAREA 13 FLEMISH PASS

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB.	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	33.52 .31 8	33.88 .25 22	33.85 .47 33	33.66 .49 133	33.59 .43 128	33.36 .49 93	32.75 .52 93	32.53 .50 23	32.20 .68 6	33.29 .59 16	33.37 .47 20	33.62 .21
10	33.49 .26 8	33.90 .23 22	33.87 .47 33	33.66 .45 166	33.57 .45 147	33.46 .43 102	32.87 .53 95	32.77 .49 23	32.40 .58 6	33.33 .58 18	33.41 .46 20	33.68 .15
20	33.53 .30 8	33.92 .22 22	33.89 .46 33	33.70 .44 167	33.59 .50 150	33.58 .35 102	33.13 .52 95	33.12 .60 23	32.74 .71 6	33.41 .52 18	33.45 .46 20	33.72 .09
30	33.57 .33 8	33.96 .22 22	33.95 .45 33	33.76 .42 167	33.67 .45 150	33.70 .34 102	33.39 .49 95	33.34 .51 23	33.00 .77 6	33.59 .42 18	33.54 .42 20	33.80 .03
50	33.65 .28 8	34.03 .20 22	34.07 .37 33	33.91 .38 167	33.89 .41 150	33.92 .33 102	33.85 .41 95	33.77 .36 23	33.51 .78 6	33.99 .22 18	33.84 .31 20	33.99 .22
75	33.90 .33 8	34.16 .19 22	34.20 .31 33	34.11 .33 167	34.14 .31 150	34.16 .27 102	34.09 .35 95	34.01 .30 23	33.77 .79 6	34.30 .23 18	34.27 .31 20	34.28 .33
100	34.22 .35 8	34.36 .19 22	34.34 .23 33	34.28 .29 167	34.32 .26 151	34.33 .24 102	34.29 .31 95	34.20 .28 23	33.94 .75 6	34.48 .20 18	34.50 .25 20	34.59 .08
150	34.54 .37 8	34.67 .17 22	34.56 .19 33	34.50 .23 167	34.54 .19 151	34.53 .18 102	34.53 .22 94	34.45 .35 23	34.21 .30 6	34.69 .65 18	34.70 .07 20	34.75 .11
200	34.70 .27 8	34.81 .07 22	34.71 .15 33	34.65 .18 167	34.69 .16 151	34.65 .14 102	34.66 .18 93	34.63 .13 23	34.45 .51 6	34.78 .07 18	34.81 .07 20	34.81 .07
250	34.77 .19 8	34.85 .04 21	34.78 .12 31	34.73 .15 165	34.76 .12 149	34.74 .11 100	34.73 .15 92	34.73 .21 21	34.63 .63 6	34.82 .35 17	34.84 .06 19	34.85 .05 3
300	34.80 .14 7	34.87 .02 21	34.84 .09 29	34.79 .12 160	34.81 .09 147	34.80 .08 99	34.78 .12 88	34.81 .08 21	34.75 .19 6	34.84 .07 16	34.87 .04 18	34.85 .00
400	34.87 .08 7	34.89 .02 20	34.87 .07 27	34.85 .08 150	34.86 .06 128	34.84 .05 96	34.83 .09 78	34.81 .22 21	34.84 .07 5	34.84 .05 13	34.89 .04 17	34.87 .00
500	34.90 .06 7	34.89 .02 16	34.89 .03 25	34.87 .05 140	34.88 .05 121	34.86 .04 91	34.85 .07 63	34.87 .06 15	34.86 .04 5	34.85 .06 13	34.89 .04 17	34.87 .00
600	34.90 .01 3	34.89 .02 14	34.90 .02 23	34.88 .04 117	34.89 .07 104	34.88 .03 78	34.88 .06 42	34.88 .06 14	34.88 .02 5	34.86 .06 13	34.90 .04 15	34.88 .01
800	34.91 .02 2	34.89 .02 10	34.90 .02 17	34.89 .03 101	34.90 .07 86	34.88 .03 67	34.90 .02 19	34.89 .06 11	34.90 .02 4	34.86 .06 9	34.90 .04 12	34.88 .00
1000	34.90 0.00 1	34.88 .02 5	34.90 .02 10	34.89 .03 77	34.89 .03 66	34.89 .03 40	34.90 .02 8	34.89 .06 11	34.86 .07 3	34.86 .07 6	34.90 .05 10	34.88 .00

SALINITY AT SUBAREA 14 N.E. SLOPE

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	33.05 .53 15	33.10 .32 29	33.04 .26 52	32.98 .26 389	32.89 .31 491	32.70 .34 403	32.14 .44 257	31.83 .49 92	31.83 .43 25	32.61 .77 25	32.65 .56 25	33.05 .24 3
10	33.06 .52 16	33.13 .30 35	33.06 .29 53	33.01 .27 494	32.90 .31 537	32.77 .32 420	32.27 .42 263	32.01 .48 92	31.91 .43 25	32.65 .74 25	32.70 .53 27	33.05 .25 3
20	33.07 .52 16	33.17 .32 35	33.08 .30 53	33.03 .29 499	32.93 .35 551	32.86 .31 420	32.48 .38 263	32.40 .49 92	32.25 .32 25	32.76 .69 25	32.80 .52 27	33.05 .24 3
30	33.11 .50 16	33.22 .34 35	33.12 .33 53	33.07 .31 501	32.99 .36 551	32.96 .32 423	32.74 .34 263	32.77 .41 93	32.52 .38 25	32.95 .60 25	32.89 .51 27	33.08 .28 3
50	33.25 .44 16	33.37 .43 35	33.22 .39 53	33.18 .36 501	33.14 .39 551	33.15 .32 423	33.04 .32 262	33.08 .34 93	32.89 .36 25	33.33 .43 25	33.14 .44 27	33.21 .48 3
75	33.47 .41 16	33.52 .42 35	33.37 .43 53	33.35 .38 493	33.34 .39 544	33.35 .34 418	33.24 .32 262	33.26 .35 93	33.13 .39 25	33.55 .44 25	33.39 .33 27	33.43 .57 3
100	33.63 .39 15	33.69 .42 34	33.56 .41 52	33.56 .38 425	33.55 .39 507	33.53 .37 392	33.43 .35 230	33.44 .38 81	33.27 .37 21	33.79 .47 21	33.64 .40 26	33.65 .48 34
150	33.93 .33 12	34.04 .34 23	33.96 .39 33	33.93 .38 309	33.93 .37 377	33.91 .38 292	33.84 .37 146	33.92 .38 57	33.59 .43 12	34.16 .34 18	33.99 .43 22	34.34 0.00 1
200	34.29 .16 8	34.43 .18 12	34.38 .26 16	34.28 .30 216	34.28 .30 271	34.26 .28 211	34.16 .39 96	34.26 .38 39	33.83 .44 7	34.49 .26 11	34.37 .48 10	34.42 0.00 1
250	34.55 .13 5	34.60 .14 11	34.65 .12 10	34.48 .22 169	34.52 .21 206	34.53 .17 142	34.48 .31 57	34.57 .20 28	34.08 .32 5	34.66 .18 9	34.58 .25 8	34.45 0.00 1
300	34.65 .14 5	34.70 .10 10	34.72 .08 10	34.61 .18 138	34.65 .18 171	34.65 .14 117	34.64 .18 50	34.71 .11 24	34.40 .17 5	34.74 .14 9	34.70 .13 7	0.00 0.00 0
400	34.81 .21 3	34.79 .13 8	34.80 .05 8	34.75 .11 117	34.78 .12 127	34.78 .07 90	34.78 .07 41	34.79 .15 15	34.74 .09 4	34.78 .05 8	34.76 .07 6	0.00 0.00 0
500	34.84 .22 3	34.86 .04 5	34.86 .03 7	34.83 .07 93	34.83 .06 106	34.82 .06 82	34.82 .06 38	34.83 .09 13	34.82 .00 1	34.86 .08 5	34.80 .03 2	0.00 0.00 0
600	34.64 0.00 1	34.89 .02 3	34.86 .01 3	34.87 .04 63	34.87 .04 65	34.85 .05 55	34.86 .08 25	34.86 .09 7	0.00 0.00 0	34.89 0.00 1	34.83 0.00 1	0.00 0.00 0
800	0.00 0.00 0	34.91 .00 2	34.86 .00 1	34.88 .03 39	34.87 .14 36	34.89 .04 31	34.90 .08 16	34.85 .06 5	0.00 0.00 0	0.00 0.00 0	34.85 0.00 1	0.00 0.00 0
1000	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	34.88 .02 24	34.90 .03 18	34.90 .04 23	34.89 .01 6	34.89 .03 3	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0

SALINITY AT SUBAREA 15 N. SLOPE

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	0.00	0.00	32.75	32.73	32.63	32.46	31.86	31.53	31.45	32.15	32.17	0.00
	0.00	0.00	.06	.17	.27	.38	.45	.53	.59	.48	0.00	0.00
	0	0	3	25	47	67	127	35	7	6	2	0
10	0.00	0.00	32.68	32.74	32.65	32.51	32.03	31.83	31.52	32.22	32.15	0.00
	0.00	0.00	.14	.16	.26	.35	.44	.52	.57	.54	0.00	0.00
	0	0	3	25	47	67	127	35	8	6	2	0
20	0.00	0.00	32.69	32.74	32.68	32.59	32.33	32.23	31.79	32.30	32.16	0.00
	0.00	0.00	.11	.16	.25	.31	.35	.56	.37	.58	0.00	0.00
	0	0	3	25	47	67	127	35	8	6	2	0
30	0.00	0.00	32.71	32.75	32.71	32.70	32.59	32.66	32.22	32.53	32.21	0.00
	0.00	0.00	.11	.16	.23	.26	.31	.39	.45	.51	0.00	0.00
	0	0	3	25	47	68	127	35	8	7	2	0
50	0.00	0.00	32.77	32.79	32.85	32.90	32.92	32.96	32.65	32.95	32.30	0.00
	0.00	0.00	.17	.15	.21	.18	.25	.30	.53	.43	0.00	0.00
	0	0	3	25	47	68	128	35	8	7	2	0
75	0.00	0.00	32.95	32.93	33.05	33.08	33.13	33.15	33.06	33.25	33.11	0.00
	0.00	0.00	.11	.14	.19	.20	.24	.28	.16	.34	0.00	0.00
	0	0	3	25	47	67	126	35	7	7	2	0
100	0.00	0.00	33.26	33.17	33.26	33.23	33.30	33.28	33.27	33.41	0.00	0.00
	0.00	0.00	0.00	.19	.19	.23	.24	.31	.13	.36	0.00	0.00
	0	0	1	22	43	61	118	35	7	7	0	0
150	0.00	0.00	0.00	33.49	33.55	33.61	33.66	33.62	33.56	34.22	0.00	0.00
	0.00	0.00	0.00	.30	.24	.38	.35	.40	.20	.34	0.00	0.00
	0	0	0	8	19	26	80	21	3	2	0	0
200	0.00	0.00	0.00	34.04	33.86	33.98	34.12	34.02	0.00	34.67	0.00	0.00
	0.00	0.00	0.00	.36	.42	.34	.29	.34	0.00	0.00	0.00	0.00
	0	0	0	3	5	12	40	7	0	1	0	0
250	0.00	0.00	0.00	34.22	34.40	34.42	34.51	34.72	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	.36	.01	.12	.17	0.00	0.00	0.00	0.00	0.00
	0	0	0	3	2	4	13	1	0	0	0	0
300	0.00	0.00	0.00	34.36	34.52	34.51	34.67	34.72	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	.32	0.00	.13	.09	0.00	0.00	0.00	0.00	0.00
	0	0	0	3	1	4	11	1	0	0	0	0
400	0.00	0.00	0.00	34.60	34.69	34.65	34.76	34.79	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	.18	0.00	.09	.05	0.00	0.00	0.00	0.00	0.00
	0	0	0	3	1	2	8	1	0	0	0	0
500	0.00	0.00	0.00	34.74	0.00	34.74	34.78	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	.08	0.00	0.00	.08	0.00	0.00	0.00	0.00	0.00
	0	0	0	3	0	1	5	0	0	0	0	0
600	0.00	0.00	0.00	34.83	0.00	0.00	34.85	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	.06	0.00	0.00	0.00	0.00	0.00
	0	0	0	1	0	0	2	0	0	0	0	0
800	0.00	0.00	0.00	34.85	0.00	0.00	34.84	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	1	0	0	1	0	0	0	0	0

SALINITY AT SUBAREA 16 BACCALIU

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN.	JUL	AUG	SEP	OCT	NOV	DEC
0	0.00	0.00	32.47	32.70	32.34	31.96	31.41	31.18	31.39	31.53	0.00	0.00
	0.00	0.00	.16	.18	.34	.45	.52	.78	.13	.45	0.00	0.00
	0	0	3	16	38	60	72	23	13	5	0	0
10	0.00	0.00	32.45	32.71	32.45	32.12	31.80	31.30	31.43	31.59	0.00	0.00
	0.00	0.00	.12	.17	.29	.37	.42	.45	.15	.45	0.00	0.00
	0	0	3	16	38	60	75	23	16	5	0	0
20	0.00	0.00	32.46	32.72	32.55	32.34	32.27	31.90	31.53	31.66	0.00	0.00
	0.00	0.00	.12	.17	.24	.32	.26	.49	.22	.54	0.00	0.00
	0	0	3	16	38	60	75	23	16	5	0	0
30	0.00	0.00	32.48	32.74	32.64	32.56	32.59	32.40	31.94	31.88	0.00	0.00
	0.00	0.00	.13	.16	.24	.28	.26	.34	.42	.54	0.00	0.00
	0	0	3	16	38	60	75	23	16	5	0	0
50	0.00	0.00	32.50	32.82	32.79	32.87	32.91	32.76	32.68	32.70	0.00	0.00
	0.00	0.00	.10	.17	.26	.14	.16	.20	.21	.35	0.00	0.00
	0	0	3	16	38	60	74	23	16	5	0	0
75	0.00	0.00	32.62	32.92	32.96	32.99	33.02	32.92	32.90	32.97	0.00	0.00
	0.00	0.00	.06	.10	.22	.14	.15	.17	.18	.28	0.00	0.00
	0	0	3	16	38	60	74	23	16	5	0	0
100	0.00	0.00	32.86	33.02	33.07	33.07	33.09	33.02	33.03	33.09	0.00	0.00
	0.00	0.00	.18	.10	.19	.15	.14	.16	.18	.24	0.00	0.00
	0	0	3	16	38	59	76	22	16	5	0	0
150	0.00	0.00	32.79	33.20	33.31	33.24	33.27	33.22	33.25	33.17	0.00	0.00
	0.00	0.00	0.00	.18	.16	.15	.20	.27	.14	.20	0.00	0.00
	0	0	1	9	32	50	65	21	14	4	0	0
200	0.00	0.00	33.14	33.47	33.43	33.51	33.52	33.49	33.71	33.33	0.00	0.00
	0.00	0.00	0.00	.19	.15	.13	.28	.20	.15	.38	0.00	0.00
	0	0	1	3	7	13	23	7	3	2	0	0
250	0.00	0.00	0.00	0.00	0.00	33.61	34.13	33.52	33.75	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	.32	.48	0.00	0.00	0.00	0.00	0.00
	0	0	0	0	0	2	4	1	1	0	0	0
300	0.00	0.00	0.00	0.00	0.00	33.43	34.57	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	0	0	1	1	0	0	0	0	0

SALINITY AT SUBAREA 17 N. AVALON CHANNEL

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	32.02 .20 36	32.22 .28 38	32.37 .27 53	32.32 .30 67	32.15 .38 81	31.94 .32 90	31.73 .35 116	31.42 .57 108	31.14 .34 68	31.18 .37 75	31.37 .32 66	31.76 .19 35
10	32.04 .19 40	32.23 .25 42	32.37 .26 55	32.36 .25 69	32.18 .37 83	32.00 .31 94	31.84 .30 118	31.56 .53 110	31.17 .36 70	31.19 .35 78	31.40 .30 66	31.77 .19 35
20	32.10 .22 40	32.25 .23 42	32.40 .24 55	32.40 .23 69	32.26 .33 83	32.12 .28 94	32.05 .29 118	31.88 .51 110	31.31 .41 70	31.23 .36 78	31.46 .30 66	31.78 .19 35
30	32.11 .18 40	32.28 .22 43	32.42 .23 56	32.45 .22 69	32.34 .28 84	32.28 .27 97	32.33 .31 118	32.24 .43 111	31.57 .51 70	31.36 .43 78	31.55 .32 67	31.84 .18 35
50	32.19 .21 40	32.34 .22 43	32.47 .21 56	32.52 .20 69	32.55 .20 84	32.60 .20 97	32.68 .21 118	32.67 .26 111	32.19 .48 70	31.82 .55 78	31.82 .39 67	31.99 .29 35
75	32.31 .21 40	32.43 .21 43	32.58 .18 56	32.63 .18 69	32.71 .18 84	32.78 .18 96	32.85 .18 118	32.88 .19 111	32.63 .36 70	32.42 .42 70	32.25 .34 67	32.22 .31 35
100	32.53 .31 40	32.60 .20 43	32.69 .19 54	32.78 .17 69	32.82 .16 81	32.89 .21 95	32.98 .17 117	33.00 .20 111	32.86 .24 68	32.76 .27 76	32.63 .29 67	32.48 .30 35
150	32.92 .34 38	32.93 .25 43	32.94 .17 44	33.03 .28 55	33.03 .15 75	33.09 .16 76	33.11 .18 79	33.08 .14 73	33.11 .21 59	33.07 .28 68	33.10 .20 61	32.94 .25 34
200	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	33.19 0.00	33.28 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
	0	0	0	0	1	1	0	0	0	0	0	0

SALINITY AT SUBAREA 18 N.E. AVALON CHANNEL

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	32.26 .38 2	0.00 0.00	32.77 .18 0	32.39 .16 7	32.47 .49 5	32.48 .38 28	31.96 .38 17	31.82 .44 57	31.81 .31 8	31.64 .36 12	32.02 .30 9	31.98 .19 3
10	32.56 .01 2	32.52 0.00	32.83 .20	32.40 .13	32.48 .49	32.50 .36	32.02 .37	31.89 .48	31.79 .37	31.63 .37	32.02 .31	32.10 .10
20	32.58 .04 2	32.55 0.00	32.84 .19	32.42 .12	32.56 .35	32.54 .35	32.20 .32	32.31 .37	31.91 .41	31.66 .41	32.04 .32	32.11 .09
30	32.59 .06 2	32.58 0.00	32.84 .18	32.41 .13	32.61 .31	32.58 .33	32.44 .31	32.62 .19	32.36 .34	31.72 .44	32.04 .32	32.12 .10
50	32.72 .23 2	32.64 0.00	32.85 .18	32.47 .07	32.74 .25	32.70 .28	32.74 .21	32.88 .16	32.83 .15	32.66 .23	32.06 .32	32.39 .27
75	33.11 .27 2	32.72 0.00	32.91 .15	32.70 .06	32.93 .36	32.94 .23	32.98 .15	33.09 .16	33.06 .16	33.04 .21	32.79 .16	33.22 .08
100	33.43 0.00 1	33.17 0.00	32.98 .11	32.91 .09	33.14 .16	33.10 .15	33.14 .16	33.27 .14	33.29 .21	33.21 .19	32.97 .13	33.32 0.00
150	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	32.02 0.00	33.24 .16	33.27 .19	33.34 .14	33.26 0.00	33.29 .05	33.53 0.00	0.00 0.00 0	0.00 0.00 0

SALINITY AT SUBAREA 19 N.W. GRAND BANK

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	0.00	32.65	32.55	32.56	32.41	32.03	31.95	32.07	32.26	32.05	0.00	0.00
	0.00	0.00	.37	.31	.43	.56	.42	.39	.38	.16	0.00	0.00
	0	1	8	20	19	8	15	68	13	3	0	0
10	0.00	32.57	32.54	32.56	32.42	32.03	32.00	32.17	32.27	32.05	0.00	0.00
	0.00	0.00	.34	.31	.47	.54	.39	.34	.38	.13	0.00	0.00
	0	1	8	20	19	8	15	69	13	4	0	0
20	0.00	32.59	32.54	32.57	32.48	32.17	32.11	32.34	32.34	32.10	0.00	0.00
	0.00	0.00	.32	.31	.48	.45	.38	.34	.35	.15	0.00	0.00
	0	1	8	20	19	8	15	69	13	4	0	0
30	0.00	32.59	32.54	32.59	32.55	32.35	32.32	32.63	32.47	32.17	0.00	0.00
	0.00	0.00	.32	.30	.44	.27	.33	.30	.34	.23	0.00	0.00
	0	1	8	20	19	8	15	69	13	4	0	0
50	0.00	32.59	32.53	32.67	32.65	32.51	32.64	32.90	32.96	32.56	0.00	0.00
	0.00	0.00	.37	.27	.35	.28	.21	.20	.23	.32	0.00	0.00
	0	1	8	20	18	8	14	69	12	4	0	0
75	0.00	0.00	32.65	32.89	32.77	32.64	32.89	33.04	33.10	32.83	0.00	0.00
	0.00	0.00	.11	.19	.23	.06	.11	.17	.21	0.00	0.00	0.00
	0	0	2	17	10	2	5	44	5	1	0	0
100	0.00	0.00	0.00	0.00	33.25	0.00	0.00	32.92	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	0	2	0	0	1	0	0	0	0
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.02	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	0	0	0	0	1	0	0	0	0

SALINITY AT SUBAREA 20 N.E. GRAND BANK

MEAN, S.D., NO. OF OBSERVATIONS

SALINITY AT SUBAREA 21 S.E. GRAND BANK

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	32.91 .45 5	32.87 .38 14	32.83 .36 42	32.95 .32 226	32.81 .27 174	32.56 .33 154	32.20 .31 64	32.23 .24 184	32.15 .27 27	32.35 .50 11	32.85 .33 11	33.14 0.00 1
10	32.91 .46 5	32.90 .37 14	32.85 .36 42	32.97 .30 237	32.82 .27 184	32.61 .31 165	32.27 .30 69	32.33 .24 188	32.18 .24 36	32.32 .18 14	32.85 .29 13	33.15 0.00 1
20	32.92 .47 5	32.95 .36 14	32.88 .37 42	33.01 .31 237	32.85 .26 184	32.70 .31 165	32.45 .33 72	32.55 .28 188	32.43 .32 36	32.44 .22 14	32.88 .28 13	33.14 0.00 1
30	32.94 .46 5	33.00 .34 14	32.90 .37 42	33.04 .32 236	32.91 .25 183	32.80 .29 166	32.60 .32 71	32.78 .27 188	32.80 .25 36	32.59 .23 14	32.91 .25 13	33.15 0.00 1
50	33.14 .34 5	33.06 .29 10	32.92 .38 37	33.11 .34 182	33.05 .28 141	33.00 .29 121	32.81 .28 45	32.97 .22 145	33.06 .29 26	32.94 .22 12	33.11 .21 13	33.24 0.00 1
75	0.00 0.00 0	33.40 .21 3	33.32 .35 4	33.39 .47 41	33.26 .34 44	33.36 .34 28	33.15 .32 2	33.32 .27 7	33.02 .25 3	33.21 .22 2	33.25 .06 1	0.00
100	0.00 0.00 0	33.20 0.00 1	33.49 .50 2	33.81 .69 16	33.23 .20 11	33.42 .42 13	0.00 0.00 0	33.57 .37 4	33.10 0.00 1	33.24 0.00 1	0.00 0.00 0	0.00
150	0.00 0.00 0	0.00 .71 0	33.88 .69 2	34.07 .09 11	33.56 .52 4	33.66 0.00 10	0.00 0.00 0	33.78 .33 4	0.00 0.00 0	33.45 0.00 1	0.00 0.00 0	0.00
200	0.00 0.00 0	0.00 .18 0	34.42 .56 2	34.38 .11 8	33.78 .51 2	33.87 0.00 10	0.00 0.00 0	34.08 .44 4	0.00 0.00 0	33.66 0.00 1	0.00 0.00 0	0.00
250	0.00 0.00 0	0.00 .00 0	34.48 .45 1	34.33 .05 8	34.05 .54 2	34.07 0.00 10	0.00 0.00 0	34.54 .40 4	0.00 0.00 0	33.86 0.00 1	0.00 0.00 0	0.00
300	0.00 0.00 0	0.00 .00 0	34.70 .00 1	34.40 .36 4	34.34 .09 2	34.26 .56 9	0.00 0.00 0	34.45 0.00 2	0.00 0.00 0	34.07 0.00 1	0.00 0.00 0	0.00
400	0.00 0.00 0	0.00 .00 0	0.00 .00 0	34.66 .19 3	34.55 .10 2	34.58 0.00 9	0.00 0.00 0	34.65 .00 0	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	0.00
500	0.00 0.00 0	0.00 .00 0	0.00 .00 0	34.78 .10 3	34.65 0.00 1	34.66 .54 9	0.00 0.00 0	34.79 0.00 1	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	0.00
600	0.00 0.00 0	0.00 .00 0	0.00 .00 0	34.89 .07 2	0.00 0.00 0	34.92 .04 6	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	0.00
800	0.00 0.00 0	0.00 .00 0	0.00 .00 0	34.91 .04 2	0.00 0.00 0	34.94 .03 6	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	0.00
1000	0.00 0.00 0	0.00 .00 0	0.00 .00 0	34.90 0.00 1	0.00 0.00 0	34.94 .02 5	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	0.00

SALINITY AT SUBAREA 22 S.W. GRAND BANK

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG.	SEP	OCT	NOV	DEC
0	0.00	32.56	32.50	32.62	32.45	32.24	32.16	32.20	32.37	32.27	32.40	0.00
	0.00	.29	.37	.30	.21	.37	.29	.28	.31	.21	.13	0.00
	0	4	38	66	32	60	54	121	16	12	3	0
10	0.00	32.52	32.54	32.62	32.48	32.26	32.22	32.25	32.32	32.28	32.40	0.00
	0.00	.18	.30	.29	.23	.38	.28	.27	.32	.24	.13	0.00
	0	6	38	66	33	63	55	121	18	13	3	0
20	0.00	32.52	32.56	32.64	32.51	32.30	32.36	32.42	32.45	32.29	32.40	0.00
	0.00	.18	.27	.29	.23	.38	.28	.27	.29	.24	.15	0.00
	0	6	38	66	33	63	56	121	18	13	3	0
30	0.00	32.52	32.59	32.66	32.54	32.42	32.48	32.64	32.67	32.41	32.41	0.00
	0.00	.18	.28	.29	.24	.33	.25	.27	.33	.21	.15	0.00
	0	6	38	67	33	63	56	121	18	13	3	0
50	0.00	32.54	32.65	32.77	32.64	32.52	32.73	32.93	33.01	32.80	32.85	0.00
	0.00	.17	.31	.32	.29	.69	.34	.22	.22	.28	.39	0.00
	0	6	38	67	33	63	56	121	18	12	3	0
75	0.00	32.85	32.87	33.21	32.96	33.02	33.09	33.16	33.44	33.04	32.79	0.00
	0.00	.05	.51	.55	.41	.45	.40	.28	.30	.11	0.00	0.00
	0	3	27	39	32	32	39	82	12	4	1	0
100	0.00	0.00	33.40	34.46	33.21	33.25	33.42	33.31	33.84	0.00	0.00	0.00
	0.00	0.00	1.05	.10	0.00	.44	.84	.36	.30	0.00	0.00	0.00
	0	0	3	2	1	6	4	4	3	0	0	0
150	0.00	0.00	0.00	34.45	0.00	34.08	0.00	34.01	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	.28	0.00	.15	0.00	0.00	0.00	0.00
	0	0	0	1	0	3	0	2	0	0	0	0
200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.22	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.30	0.00	0.00	0.00	0.00
	0	0	0	0	0	0	0	2	0	0	0	0
250	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.41	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.45	0.00	0.00	0.00	0.00
	0	0	0	0	0	0	0	2	0	0	0	0

SALINITY AT SUBAREA 23 WHALE BANK

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	0.00	0.00	32.54	32.58	32.55	32.21	32.20	31.98	32.23	0.00	0.00	0.00
	0.00	0.00	.31	.19	.18	.27	.30	.33	.23	0.00	0.00	0.00
	0	0	12	18	2	15	12	76	2	0	0	0
10	0.00	0.00	32.55	32.60	32.55	32.23	32.25	32.06	32.02	32.75	0.00	0.00
	0.00	0.00	.30	.17	.18	.29	.29	.32	.29	0.00	0.00	0.00
	0	0	12	18	2	16	12	76	4	1	0	0
20	0.00	0.00	32.57	32.62	32.55	32.29	32.34	32.34	32.15	32.75	0.00	0.00
	0.00	0.00	.29	.17	.19	.32	.29	.36	.37	0.00	0.00	0.00
	0	0	12	18	2	16	12	76	4	1	0	0
30	0.00	0.00	32.58	32.65	32.56	32.41	32.44	32.58	32.31	32.75	0.00	0.00
	0.00	0.00	.28	.17	.21	.35	.29	.36	.35	0.00	0.00	0.00
	0	0	13	18	2	16	12	77	4	1	0	0
50	0.00	0.00	32.62	32.71	32.68	32.58	32.64	32.84	32.63	33.06	0.00	0.00
	0.00	0.00	.26	.23	.21	.37	.25	.32	.26	0.00	0.00	0.00
	0	0	13	18	2	16	12	77	4	1	0	0
75	0.00	0.00	32.83	32.86	0.00	32.86	33.00	33.11	32.87	33.43	0.00	0.00
	0.00	0.00	.29	.32	0.00	.43	.45	.35	.19	0.00	0.00	0.00
	0	0	12	9	0	15	7	45	3	1	0	0
100	0.00	0.00	34.43	33.09	0.00	33.61	32.66	33.55	0.00	33.46	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	.07	.62	.60	0.00	0.00	0.00	0.00
	0	0	1	1	0	3	2	12	0	1	0	0

SALINITY AT SUBAREA 24 S. AVALON CHANNEL

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	0.00	0.00	32.45	32.36	32.32	32.27	31.98	31.61	31.81	31.50	31.70	0.00
	0.00	0.00	.25	.20	.27	.41	.34	.36	.06	.11	.42	0.00
	0	0	15	13	3	13	7	66	2	4	2	0
10	0.00	32.58	32.45	32.36	32.33	32.28	32.07	31.76	31.87	31.58	31.78	0.00
	0.00	0.00	.24	.20	.27	.39	.25	.38	.06	.25	.55	0.00
	0	1	15	13	3	13	7	67	2	5	2	0
20	0.00	32.61	32.46	32.37	32.33	32.35	32.29	32.15	32.40	31.65	31.88	0.00
	0.00	0.00	.25	.21	.25	.36	.26	.33	.36	.34	.63	0.00
	0	1	15	13	3	13	7	67	2	5	2	0
30	0.00	32.63	32.47	32.38	32.37	32.42	32.50	32.45	32.64	31.77	32.01	0.00
	0.00	0.00	.24	.21	.27	.34	.30	.26	.06	.43	.70	0.00
	0	1	15	13	3	13	6	68	2	5	2	0
50	0.00	32.63	32.50	32.45	32.49	32.60	32.72	32.74	32.82	32.38	32.84	0.00
	0.00	0.00	.24	.18	.35	.30	.21	.13	.10	.47	.12	0.00
	0	1	15	13	3	13	6	67	2	5	2	0
75	0.00	32.72	32.57	32.62	32.67	32.71	32.86	32.87	32.94	32.79	33.18	0.00
	0.00	0.00	.23	.18	.35	.18	.26	.13	.01	.33	.04	0.00
	0	1	13	13	3	9	6	65	2	5	2	0
100	0.00	32.96	32.71	32.77	32.66	32.87	32.97	32.98	0.00	32.95	33.27	0.00
	0.00	0.00	.23	.18	.28	.19	.26	.15	0.00	.41	.01	0.00
	0	1	9	7	2	6	4	38	0	3	2	0
150	0.00	32.63	32.78	32.96	32.74	0.00	0.00	33.12	0.00	0.00	33.17	0.00
	0.00	0.00	0.00	.09	0.00	0.00	0.00	.13	0.00	0.00	0.00	0.00
	0	1	1	2	1	0	0	10	0	0	1	0

SALINITY AT SUBAREA 25 HADDOCK CHANNEL

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	0.00	0.00	32.56	32.53	32.25	32.17	32.27	31.90	32.03	31.51	0.00	0.00
	0.00	0.00	.23	.16	.26	.35	.29	.31	.23	.18	0.00	0.00
	0	0	6	16	5	13	5	62	5	2	0	0
10	0.00	0.00	32.58	32.54	32.26	32.18	32.31	32.01	32.11	31.59	0.00	0.00
	0.00	0.00	.24	.16	.26	.35	.24	.32	.19	.22	0.00	0.00
	0	0	6	16	5	13	5	62	5	4	0	0
20	0.00	0.00	32.61	32.55	32.28	32.22	32.43	32.21	32.27	31.70	0.00	0.00
	0.00	0.00	.24	.16	.26	.36	.26	.36	.18	.32	0.00	0.00
	0	0	6	16	5	13	5	62	5	4	0	0
30	0.00	0.00	32.54	32.56	32.30	32.33	32.49	32.46	32.44	31.89	0.00	0.00
	0.00	0.00	.28	.17	.26	.31	.24	.36	.23	.42	0.00	0.00
	0	0	8	16	5	13	5	62	5	4	0	0
50	0.00	0.00	32.58	32.59	32.42	32.51	32.67	32.78	32.52	32.59	0.00	0.00
	0.00	0.00	.26	.19	.25	.25	.15	.27	.21	.10	0.00	0.00
	0	0	8	16	5	13	5	62	5	4	0	0
75	0.00	0.00	32.58	32.87	32.66	32.70	32.88	33.03	32.86	32.81	0.00	0.00
	0.00	0.00	.24	.23	.20	.17	.16	.30	.15	.08	0.00	0.00
	0	0	8	16	5	12	5	62	4	3	0	0
100	0.00	0.00	32.88	33.01	32.96	32.89	33.13	33.14	33.11	33.06	0.00	0.00
	0.00	0.00	.19	.32	.17	.06	.37	.26	.25	0.00	0.00	0.00
	0	0	6	9	4	6	4	41	4	1	0	0
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.83	32.86	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.11	0.00	0.00	0.00	0.00
	0	0	0	0	0	0	0	4	1	0	0	0
200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.89	32.88	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.08	0.00	0.00	0.00	0.00
	0	0	0	0	0	0	0	4	1	0	0	0

SALINITY AT SUBAREA 26 S.W. SLOPE

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	0.00	32.93	32.82	32.77	32.74	32.45	32.32	32.40	32.61	32.76	0.00	0.00
	0.00	.56	.52	.36	.27	.22	.22	.27	.24	.14	0.00	0.00
	0	2	19	34	4	33	30	68	7	4	0	0
10	0.00	32.93	32.84	32.80	32.78	32.51	32.40	32.46	32.55	32.69	0.00	0.00
	0.00	.54	.53	.35	.25	.22	.23	.26	.35	.19	0.00	0.00
	0	2	19	36	4	34	30	69	8	6	0	0
20	0.00	32.92	32.84	32.84	32.82	32.59	32.58	32.59	32.73	32.73	0.00	0.00
	0.00	.54	.55	.37	.24	.23	.22	.29	.29	.16	0.00	0.00
	0	2	19	36	4	34	30	69	8	6	0	0
30	0.00	32.92	32.86	32.91	32.88	32.76	32.81	32.85	32.94	32.88	0.00	0.00
	0.00	.54	.55	.41	.24	.29	.23	.31	.30	.21	0.00	0.00
	0	2	19	36	4	35	30	69	8	6	0	0
50	0.00	32.92	32.95	33.17	33.07	33.10	33.16	33.25	33.34	33.37	0.00	0.00
	0.00	.54	.57	.54	.30	.46	.29	.38	.33	.28	0.00	0.00
	0	2	18	36	4	35	30	70	8	6	0	0
75	0.00	33.49	33.23	33.69	33.25	33.57	33.72	33.76	33.83	33.84	0.00	0.00
	0.00	1.16	.57	.58	.24	.65	.41	.54	.37	.57	0.00	0.00
	0	2	18	36	4	35	30	68	8	6	0	0
100	0.00	33.89	33.75	34.10	33.43	33.77	34.19	34.11	34.38	34.40	0.00	0.00
	0.00	.98	.54	.58	.18	.64	.51	.56	.35	.66	0.00	0.00
	0	2	18	36	4	31	29	66	8	5	0	0
150	0.00	35.11	34.20	34.57	33.78	34.27	34.64	34.51	34.70	34.88	0.00	0.00
	0.00	0.00	.68	.42	0.00	.38	.27	.33	.16	.02	0.00	0.00
	0	1	17	33	1	24	21	62	6	4	0	0
200	0.00	34.95	34.45	34.57	34.11	34.39	34.72	34.62	34.77	34.97	0.00	0.00
	0.00	0.00	.43	.34	0.00	.27	.20	.26	.14	.09	0.00	0.00
	0	1	17	29	1	19	19	62	6	3	0	0
250	0.00	34.81	33.95	34.64	34.34	34.51	34.72	34.69	34.80	34.90	0.00	0.00
	0.00	0.00	.84	.28	0.00	.25	.18	.17	.13	.06	0.00	0.00
	0	1	12	26	1	17	11	60	6	3	0	0
300	0.00	34.88	34.70	34.59	34.51	34.60	34.80	34.82	34.83	34.91	0.00	0.00
	0.00	0.00	.16	.21	0.00	.23	.08	.10	.13	.05	0.00	0.00
	0	1	6	9	1	14	9	11	6	3	0	0
400	0.00	35.02	34.78	34.67	34.63	34.71	34.85	34.84	34.89	34.85	0.00	0.00
	0.00	0.00	.08	.18	0.00	.21	.04	.07	.03	.03	0.00	0.00
	0	1	4	9	1	10	9	9	3	3	0	0
500	0.00	34.92	34.89	34.76	0.00	34.87	34.91	34.89	34.91	34.92	0.00	0.00
	0.00	0.00	.01	.15	0.00	.12	.03	.06	.06	.02	0.00	0.00
	0	1	4	8	0	5	8	5	3	2	0	0
600	0.00	34.93	34.96	34.85	0.00	34.92	34.94	34.88	34.96	34.94	0.00	0.00
	0.00	0.00	.05	.04	0.00	.06	.03	.11	.03	.04	0.00	0.00
	0	1	4	6	0	5	8	5	3	2	0	0
800	0.00	0.00	34.94	34.88	0.00	34.92	34.93	34.96	34.96	34.98	0.00	0.00
	0.00	0.00	.05	.02	0.00	.05	.02	.13	.03	.01	0.00	0.00
	0	0	3	4	0	5	8	4	3	2	0	0
1000	0.00	0.00	34.94	34.88	0.00	34.94	34.94	34.94	34.95	34.98	0.00	0.00
	0.00	0.00	.05	.02	0.00	.03	.01	.09	.02	.01	0.00	0.00
	0	0	3	4	0	5	7	4	3	2	0	0

SALINITY AT SUBAREA 27 S. SLOPE

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	0.00	0.00	33.06	33.22	33.04	32.81	32.59	32.41	32.18	32.13	32.33	0.00
	0.00	0.00	.47	.55	.34	.49	.27	.30	.14	.10	.11	0.00
	0	0	15	137	83	51	8	67	3	5	2	0
10	33.27	0.00	33.08	33.26	33.09	32.94	32.72	32.50	32.20	32.28	32.82	0.00
	0.00	0.00	.47	.53	.35	.57	.30	.26	.09	.22	.51	0.00
	1	0	15	141	88	53	8	67	3	7	8	0
20	33.29	0.00	33.10	33.33	33.16	33.05	32.83	32.69	32.27	32.33	32.93	0.00
	0.00	0.00	.47	.52	.37	.61	.25	.26	.16	.23	.48	0.00
	1	0	15	141	88	53	8	67	3	7	8	0
30	33.32	0.00	33.15	33.41	33.24	33.18	32.95	32.89	32.58	32.43	33.02	0.00
	0.00	0.00	.46	.53	.39	.64	.20	.24	.27	.25	.47	0.00
	1	0	15	141	88	53	8	67	3	7	8	0
50	33.37	0.00	33.28	33.59	33.42	33.44	33.26	33.23	33.02	32.69	33.19	0.00
	0.00	0.00	.41	.54	.43	.60	.31	.27	.08	.30	.37	0.00
	1	0	15	141	88	52	9	67	3	7	8	0
75	33.44	0.00	33.41	33.85	33.62	33.84	33.53	33.57	33.23	33.11	33.49	0.00
	0.00	0.00	.41	.57	.46	.61	.59	.45	.13	.25	.18	0.00
	1	0	15	141	88	50	9	66	3	7	8	0
100	33.51	0.00	33.57	34.03	33.81	34.12	33.87	33.81	33.34	33.44	33.72	0.00
	0.00	0.00	.30	.59	.54	.60	.59	.47	.05	.19	.23	0.00
	1	0	15	133	82	47	8	64	3	5	6	0
150	33.64	0.00	33.88	34.22	33.99	34.40	34.22	34.14	33.86	33.96	33.97	0.00
	0.00	0.00	.21	.53	.50	.47	.47	.45	.09	.16	.14	0.00
	1	0	14	121	74	38	7	57	2	4	5	0
200	33.77	0.00	34.08	34.36	34.20	34.49	34.45	34.39	34.20	34.21	34.16	0.00
	0.00	0.00	.25	.46	.40	.31	.41	.36	.26	.07	.12	0.00
	1	0	12	103	63	28	6	57	2	4	5	0
250	33.91	0.00	34.18	34.46	34.35	34.54	34.65	34.47	34.49	34.41	34.38	0.00
	0.00	0.00	.21	.37	.35	.26	.26	.27	.28	.08	.23	0.00
	1	0	8	96	62	26	6	56	2	4	5	0
300	34.04	0.00	34.43	34.50	34.49	34.60	34.83	34.69	34.43	34.52	34.45	0.00
	0.00	0.00	.21	.30	.26	.23	.13	.23	.25	.08	.12	0.00
	1	0	6	78	60	24	4	6	2	3	5	0
400	34.31	0.00	34.58	34.66	34.67	34.72	34.94	34.73	34.83	34.75	34.61	0.00
	0.00	0.00	.19	.18	.15	.15	.06	.20	0.00	.08	.05	0.00
	1	0	5	74	56	21	3	6	1	3	3	0
500	0.00	0.00	34.67	34.76	34.76	34.77	34.85	34.83	34.84	34.86	34.66	0.00
	0.00	0.00	.17	.12	.10	.09	.15	.06	0.00	.04	.18	0.00
	0	0	5	71	50	20	2	4	1	3	3	0
600	0.00	0.00	34.76	34.84	34.83	34.82	34.84	34.85	34.85	34.89	34.74	0.00
	0.00	0.00	.15	.08	.08	.07	.17	.06	0.00	.05	.09	0.00
	0	0	4	52	38	18	2	3	1	3	3	0
800	0.00	0.00	34.88	34.89	34.89	34.88	34.90	34.88	34.85	34.92	34.84	0.00
	0.00	0.00	.03	.05	.03	.04	.11	.01	0.00	0.00	0.00	0.00
	0	0	3	46	29	14	2	2	1	1	2	0
1000	0.00	0.00	34.89	34.90	34.90	34.91	34.95	34.89	0.00	34.95	34.85	0.00
	0.00	0.00	.03	.03	.03	.05	.01	.00	0.00	0.00	0.00	0.00
	0	0	2	34	20	10	2	2	0	1	2	0

SALINITY AT SUBAREA 28 S. OFFSHORE

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	32.98 .58	33.71 1.02	33.72 .84	33.86 .92	33.71 .98	33.33 .98	32.70 .86	32.55 .25	32.85 1.05	32.90 .67	32.76 .43	33.20 0.00
10	33.14 .43	33.71 1.02	33.72 .79	33.85 .86	33.69 .94	33.43 .93	32.81 .77	32.72 .41	32.91 1.15	33.07 .76	33.10 .52	33.19 0.00
20	33.30 .39	33.72 1.01	33.74 .80	33.91 .86	33.79 .95	33.58 .98	33.13 .91	32.95 .55	33.05 1.25	33.17 .77	33.18 .77	33.19 0.00
30	33.48 .41	33.77 .99	33.78 .81	33.99 .85	33.89 .95	33.72 .98	33.30 .81	33.20 .65	33.20 1.20	33.45 .91	33.27 .80	33.19 0.00
50	33.95 .43	33.90 .94	33.86 .79	34.18 .80	34.13 .85	33.98 .97	33.43 .66	33.63 .93	33.46 1.06	33.97 .99	33.55 .76	33.21 0.00
75	34.32 .83	34.13 .86	34.04 .71	34.37 .74	34.37 .74	34.31 .92	33.75 .65	34.00 .84	33.75 .98	34.53 .89	34.05 .68	33.42 0.00
100	35.04 .99	34.41 .72	34.38 .64	34.53 .65	34.51 .67	34.53 .80	34.26 .72	34.24 .73	34.14 .82	34.84 .72	34.24 .62	34.09 0.00
150	35.13 .89	34.63 .62	34.72 .49	34.67 .55	34.65 .55	34.68 .64	34.53 .68	34.46 .51	34.54 .57	34.99 .48	34.45 .63	34.81 0.00
200	35.06 .73	34.66 .52	34.81 .41	34.73 .44	34.74 .44	34.77 .46	34.69 .51	34.65 .38	34.82 .40	34.88 .35	34.60 .53	34.61 0.00
250	34.94 .39	34.73 .44	34.87 .37	34.76 .36	34.77 .35	34.77 .38	34.73 .33	34.69 .37	34.86 .34	34.89 .32	34.80 .23	34.61 0.00
300	34.77 .34	34.78 .32	34.88 .28	34.80 .28	34.80 .30	34.80 .20	34.80 .19	34.79 .31	34.80 .21	34.92 .13	34.85 .13	34.69 0.00
400	34.73 .34	34.87 .18	34.89 .15	34.85 .18	34.83 .18	34.85 .15	34.87 .13	34.84 .14	34.86 .19	34.94 .09	34.85 .11	34.77 0.00
500	34.83 .19	34.91 .09	34.91 .09	34.88 .12	34.88 .12	34.88 .10	34.91 .08	34.89 .10	34.91 .12	34.95 .07	34.89 .09	34.00 0.00
600	34.90 .09	34.94 .09	34.94 .06	34.91 .08	34.91 .09	34.91 .07	34.92 .08	34.90 .05	34.95 .08	34.95 .09	34.90 .08	0.00
800	34.94 .07	34.95 .11	34.93 .06	34.93 .05	34.93 .06	34.94 .04	34.94 .04	34.91 .04	34.95 .06	34.97 .06	34.92 .05	0.00
1000	34.95 .06	34.93 .06	34.93 .05	34.93 .05	34.93 .05	34.94 .04	34.93 .04	34.91 .03	34.96 .06	34.96 .04	34.92 .04	0.00
	4	9	19	113	82	38	13	17	3	13	14	0

SALINITY AT SUBAREA 29 HALIBUT SLOPE

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	0.00	0.00	32.71	32.66	32.83	32.21	32.44	32.07	32.22	32.45	32.47	0.00
	0.00	0.00	.16	.31	.80	.29	.11	.27	.38	0.00	0.00	0.00
	0	0	13	16	7	22	4	52	4	1	1	0
10	0.00	32.38	32.72	32.65	32.77	32.27	32.46	32.13	32.18	32.37	32.47	0.00
	0.00	0.00	.16	.31	.56	.28	.06	.26	.47	0.00	0.00	0.00
	0	1	13	18	7	22	4	52	9	1	1	0
20	0.00	32.38	32.75	32.66	32.91	32.34	32.61	32.31	32.24	32.37	32.47	0.00
	0.00	0.00	.16	.32	.73	.28	.16	.26	.47	0.00	0.00	0.00
	0	1	13	18	7	22	4	52	10	1	1	0
30	0.00	32.39	32.73	32.69	33.00	32.43	32.68	32.56	32.44	32.44	32.56	0.00
	0.00	0.00	.19	.35	.80	.27	.18	.31	.50	0.00	0.00	0.00
	0	1	15	18	7	22	4	52	10	1	1	0
50	0.00	32.40	32.81	32.86	33.13	32.73	32.87	32.91	32.84	32.83	33.05	0.00
	0.00	0.00	.26	.45	.78	.27	.29	.26	.44	0.00	0.00	0.00
	0	1	15	18	7	22	4	51	10	1	1	0
75	0.00	32.82	32.95	33.30	33.35	32.97	33.32	33.14	33.35	33.16	33.17	0.00
	0.00	0.00	.24	.66	.80	.27	.28	.30	.51	0.00	0.00	0.00
	0	1	14	18	7	22	4	51	8	1	1	0
100	0.00	33.18	33.26	33.73	33.63	33.34	33.61	33.39	34.02	33.60	32.77	0.00
	0.00	0.00	.31	.76	.81	.40	.29	.39	.86	0.00	0.00	0.00
	0	1	13	18	7	18	4	50	6	1	1	0
150	0.00	33.61	33.66	34.32	34.54	34.05	34.38	34.14	34.50	34.42	34.91	0.00
	0.00	0.00	.79	.65	.58	.43	.30	.39	.49	0.00	0.00	0.00
	0	1	13	17	4	11	4	45	5	1	1	0
200	0.00	0.00	34.24	34.57	34.64	34.31	34.54	34.56	34.73	34.66	34.87	0.00
	0.00	0.00	.38	.36	.37	.10	.16	.18	.22	0.00	0.00	0.00
	0	0	13	16	4	5	4	44	4	1	1	0
250	0.00	0.00	34.44	34.73	34.49	34.39	34.59	34.63	34.76	34.72	34.83	0.00
	0.00	0.00	.20	.25	.19	.12	.16	.21	.09	0.00	0.00	0.00
	0	0	9	14	4	2	4	44	4	1	1	0
300	0.00	0.00	34.58	34.72	34.59	34.41	34.68	0.00	34.73	34.75	34.79	0.00
	0.00	0.00	.20	.00	.19	0.00	.17	0.00	.04	0.00	0.00	0.00
	0	0	5	2	4	1	4	0	3	1	1	0
400	0.00	0.00	34.85	0.00	34.86	34.62	34.76	0.00	34.80	0.00	0.00	0.00
	0.00	0.00	.01	0.00	.12	0.00	.07	0.00	.06	0.00	0.00	0.00
	0	0	2	0	3	1	4	0	3	0	0	0
500	0.00	0.00	34.90	0.00	34.88	34.73	34.86	0.00	34.88	0.00	0.00	0.00
	0.00	0.00	.00	0.00	.16	0.00	.04	0.00	.03	0.00	0.00	0.00
	0	0	2	0	3	1	2	0	2	0	0	0
600	0.00	0.00	34.89	0.00	34.89	34.76	34.87	0.00	34.87	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	.12	0.00	.01	0.00	0.00	0.00	0.00	0.00
	0	0	1	0	3	1	2	0	1	0	0	0
800	0.00	0.00	0.00	0.00	34.87	0.00	34.90	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	.11	0.00	.01	0.00	0.00	0.00	0.00	0.00
	0	0	0	0	3	0	2	0	0	0	0	0
1000	0.00	0.00	0.00	0.00	34.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	0	1	0	0	0	0	0	0	0

SALINITY AT SUBAREA 30 GREEN BANK

MEAN, S.D., NO. OF OBSERVATIONS

SALINITY AT SUBAREA 31 HALIBUT CHANNEL

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	0.00	0.00	32.57	32.43	32.32	32.06	32.27	31.99	31.93	0.00	0.00	0.00
	0.00	0.00	.32	.21	.15	.28	.40	.35	.15	0.00	0.00	0.00
	0	0	6	7	4	30	3	28	3	0	0	0
10	0.00	0.00	32.59	32.44	32.35	32.08	32.33	32.09	31.99	31.65	0.00	0.00
	0.00	0.00	.31	.21	.14	.26	.47	.32	.13	0.00	0.00	0.00
	0	0	6	7	5	30	3	28	3	1	0	0
20	0.00	0.00	32.61	32.45	32.35	32.12	32.41	32.28	32.21	31.87	0.00	0.00
	0.00	0.00	.30	.22	.13	.25	.48	.33	.24	0.00	0.00	0.00
	0	0	6	7	5	30	3	28	3	1	0	0
30	0.00	0.00	32.62	32.47	32.36	32.18	32.49	32.51	32.40	32.10	0.00	0.00
	0.00	0.00	.29	.23	.12	.22	.45	.28	.33	0.00	0.00	0.00
	0	0	6	7	5	30	3	28	3	1	0	0
50	0.00	0.00	32.61	32.52	32.41	32.38	32.64	32.74	32.64	32.54	0.00	0.00
	0.00	0.00	.26	.25	.14	.20	.44	.26	.37	0.00	0.00	0.00
	0	0	6	7	5	30	3	28	3	1	0	0
75	0.00	0.00	32.83	32.77	32.54	32.56	32.78	33.06	32.87	32.86	0.00	0.00
	0.00	0.00	.15	.31	.11	.21	.48	.29	.21	0.00	0.00	0.00
	0	0	5	7	5	28	3	26	3	1	0	0
100	0.00	0.00	32.88	32.87	32.64	32.72	32.87	33.18	33.03	33.03	0.00	0.00
	0.00	0.00	.09	.39	.07	.20	.50	.29	.14	0.00	0.00	0.00
	0	0	5	7	4	24	3	25	3	1	0	0
150	0.00	0.00	0.00	0.00	32.83	0.00	33.10	33.84	33.49	33.28	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.42	0.00	0.00	0.00
	0	0	0	0	1	0	1	2	2	1	0	0

SALINITY AT SUBAREA 32 ST. PIERRE CHANNEL

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	0.00	0.00	32.23	32.28	32.11	32.14	32.14	31.77	31.80	31.74	31.62	0.00
	0.00	0.00	.21	.23	.17	.27	.25	.25	.07	.29	.22	0.00
	0	0	9	11	8	12	3	54	2	2	4	0
10	0.00	0.00	32.21	32.29	32.14	32.18	32.13	31.84	31.83	31.78	31.64	0.00
	0.00	0.00	.22	.21	.16	.24	.19	.23	.04	.31	.22	0.00
	0	0	9	11	8	12	3	54	2	3	4	0
20	0.00	0.00	32.22	32.31	32.27	32.24	32.31	32.04	32.05	32.02	31.68	0.00
	0.00	0.00	.24	.21	.28	.25	.31	.27	.27	.35	.20	0.00
	0	0	9	11	8	12	3	54	2	3	4	0
30	0.00	0.00	32.24	32.34	32.35	32.31	32.45	32.33	32.26	32.23	31.80	0.00
	0.00	0.00	.27	.20	.37	.24	.35	.26	.37	.43	.17	0.00
	0	0	9	11	8	12	3	54	2	3	4	0
50	0.00	0.00	32.33	32.42	32.33	32.50	32.75	32.59	32.52	32.47	32.31	0.00
	0.00	0.00	.34	.15	.18	.18	.20	.18	.22	.37	.30	0.00
	0	0	8	11	8	12	3	54	2	3	4	0
75	0.00	0.00	32.39	32.47	32.32	32.57	32.87	32.72	32.73	32.90	32.78	0.00
	0.00	0.00	.45	.17	.18	.15	.14	.16	.04	.25	.18	0.00
	0	0	7	11	6	11	3	54	2	3	4	0
100	0.00	0.00	32.55	32.59	32.40	32.63	32.95	32.84	32.83	33.17	33.08	0.00
	0.00	0.00	.38	.19	.15	.32	.12	.14	0.00	.47	.05	0.00
	0	0	7	11	6	11	3	54	1	3	4	0
150	0.00	0.00	32.65	32.77	32.42	32.88	33.04	33.00	0.00	33.15	33.12	0.00
	0.00	0.00	.11	.12	0.00	.32	.06	.13	0.00	.14	.11	0.00
	0	0	5	5	1	5	2	27	0	2	2	0
200	0.00	0.00	33.10	32.78	0.00	32.90	33.21	33.05	0.00	33.10	33.26	0.00
	0.00	0.00	0.00	.09	0.00	0.00	0.00	.12	0.00	0.00	0.00	0.00
	0	0	1	2	0	1	1	15	0	1	1	0

SALINITY AT SUBAREA 33 ST. PIERRE BANK

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	32.38	32.35	32.25	32.16	32.14	32.05	31.86	31.65	31.69	31.80	31.97	0.00
	0.00	.01	.18	.14	.28	.25	.31	.38	.26	.54	.15	0.00
	1	3	17	20	5	58	18	88	10	4	6	0
10	32.38	32.35	32.21	32.16	32.16	32.06	31.93	31.75	31.73	31.64	31.94	0.00
	0.00	.03	.19	.14	.27	.25	.33	.35	.27	.58	.18	0.00
	1	3	21	20	5	59	18	88	10	6	6	0
20	32.37	32.39	32.24	32.16	32.18	32.10	32.17	31.97	31.88	31.75	31.98	0.00
	0.00	.03	.16	.13	.26	.22	.34	.37	.34	.65	.20	0.00
	1	3	21	20	5	60	18	88	10	6	6	0
30	32.35	32.41	32.25	32.20	32.22	32.18	32.29	32.23	32.04	31.92	31.97	0.00
	0.00	.06	.15	.22	.25	.20	.31	.27	.42	.61	.29	0.00
	1	3	21	20	5	60	18	88	10	6	7	0
50	32.42	32.44	32.29	32.27	32.21	32.39	32.46	32.51	32.29	32.32	32.26	0.00
	0.00	.01	.14	.15	.22	.23	.25	.20	.54	.39	.39	0.00
	1	2	8	8	3	43	12	38	8	5	4	0
75	0.00	32.61	32.42	32.39	0.00	32.57	32.74	32.73	32.74	32.58	32.60	0.00
	0.00	0.00	.25	0.00	0.00	.18	.04	.11	.20	.18	.11	0.00
	0	1	2	1	0	25	2	5	3	4	2	0
100	0.00	32.65	32.43	32.42	0.00	32.67	32.84	32.89	32.82	32.39	32.81	0.00
	0.00	0.00	0.00	0.00	0.00	.17	.01	.19	.12	.45	.09	0.00
	0	1	1	1	0	12	2	5	3	3	2	0
150	0.00	0.00	0.00	32.85	0.00	33.22	0.00	0.00	0.00	32.92	33.01	0.00
	0.00	0.00	0.00	0.00	0.00	.51	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	1	0	5	0	0	0	1	1	0
200	0.00	0.00	0.00	0.00	0.00	34.26	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	.34	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	0	0	2	0	0	0	0	0	0

SALINITY AT SUBAREA 34 HERMITAGE CHANNEL

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
0	0.00	0.00	32.09	32.13	31.91	31.80	31.34	31.40	0.00	31.56	31.78	0.00	
	0.00	0.00	.22	.11	.29	.27	.10	.49	0.00	0.00	.18	0.00	
	0	0	6	6	5	13	4	21	0	1	2	0	
10	0.00	0.00	32.08	32.14	31.91	31.82	31.31	31.49	0.00	31.55	31.79	0.00	
	0.00	0.00	.21	.11	.24	.27	.09	.53	0.00	0.00	.18	0.00	
	0	0	7	6	5	13	4	21	0	1	2	0	
20	0.00	0.00	32.09	32.17	32.00	31.86	31.76	31.78	0.00	31.54	31.82	0.00	
	0.00	0.00	.21	.14	.21	.29	.21	.36	0.00	0.00	.21	0.00	
	0	0	7	6	5	13	4	21	0	1	2	0	
30	0.00	0.00	32.11	32.18	32.08	31.99	32.05	32.10	0.00	31.62	31.90	0.00	
	0.00	0.00	.21	.15	.23	.26	.15	.19	0.00	0.00	.26	0.00	
	0	0	7	6	5	13	4	21	0	1	2	0	
50	0.00	0.00	32.15	32.24	32.23	32.30	32.29	32.41	0.00	32.07	32.16	0.00	
	0.00	0.00	.20	.23	.30	.18	.06	.15	0.00	0.00	.31	0.00	
	0	0	7	6	5	13	4	21	0	1	2	0	
75	0.00	0.00	32.24	32.40	32.37	32.57	32.52	32.67	0.00	32.45	32.40	0.00	
	0.00	0.00	.25	.26	.26	.16	.16	.17	0.00	0.00	.47	0.00	
	0	0	7	6	5	13	4	21	0	1	2	0	
100	0.00	0.00	32.51	32.70	32.52	32.88	32.89	33.03	0.00	32.70	32.80	0.00	
	0.00	0.00	.31	.31	.23	.20	.18	.38	0.00	0.00	.35	0.00	
	0	0	7	6	5	13	4	21	0	1	2	0	
150	0.00	0.00	33.18	33.53	33.31	33.65	33.73	33.62	0.00	33.10	32.94	0.00	
	0.00	0.00	.35	.47	.13	.32	.12	.44	0.00	0.00	.21	0.00	
	0	0	7	6	4	12	4	21	0	1	2	0	
200	0.00	0.00	33.83	34.20	34.14	34.29	34.43	34.40	0.00	33.03	33.22	0.00	
	0.00	0.00	.59	.51	.09	.31	.04	.16	0.00	0.00	0.00	0.00	
	0	0	7	6	3	11	4	21	0	1	1	0	
250	0.00	0.00	34.33	34.42	34.54	34.48	34.62	34.56	0.00	33.49	34.05	0.00	
	0.00	0.00	.38	.23	.15	.19	.02	.10	0.00	0.00	0.00	0.00	
	0	0	6	5	3	7	2	21	0	1	1	0	
300	0.00	0.00	34.61	34.54	34.70	34.69	0.00	0.00	0.00	0.00	34.04	0.00	0.00
	0.00	0.00	.13	0.00	.01	.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	2	1	2	6	0	0	0	1	0	0	

SALINITY AT SUBAREA 35 BURGEO BANK

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	0.00	32.23	32.09	0.00	31.82	31.54	31.39	31.45	31.85	31.91	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	.32	.20	.17	.13	.07	0.00	0.00
	0	1	1	0	1	6	4	3	3	3	0	0
10	0.00	32.23	32.05	0.00	31.82	31.61	31.30	31.41	31.82	31.76	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	.27	.32	.23	.07	.40	0.00	0.00
	0	1	1	0	1	6	4	3	3	4	0	0
20	0.00	32.23	32.09	0.00	31.82	31.70	31.77	31.98	31.82	31.89	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	.31	.22	.31	.09	.30	0.00	0.00
	0	1	1	0	1	6	4	3	3	4	0	0
30	0.00	32.23	32.10	0.00	31.82	32.00	31.98	32.27	32.27	32.04	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	.23	.20	.22	.10	.22	0.00	0.00
	0	1	1	0	1	6	4	3	3	4	0	0
50	0.00	32.26	32.16	0.00	31.82	32.29	32.17	32.48	32.61	32.34	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	.17	.30	.10	.18	.09	0.00	0.00
	0	1	1	0	1	6	4	3	3	4	0	0
75	0.00	0.00	32.41	0.00	32.06	32.52	32.51	32.70	32.79	32.64	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	.18	.09	0.00	.05	.08	0.00	0.00
	0	0	1	0	1	5	3	1	2	3	0	0
100	0.00	0.00	0.00	0.00	32.30	32.87	32.73	33.05	32.86	32.90	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	.34	.21	0.00	0.00	.13	0.00	0.00
	0	0	0	0	1	3	3	1	1	2	0	0
150	0.00	0.00	0.00	0.00	0.00	33.88	32.45	33.88	0.00	33.41	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	0	0	1	1	1	0	1	0	0
200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	0	0	0	0	0	0	1	0	0

SALINITY AT SUBAREA 36 BURGEO CHANNEL

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	0.00	0.00	0.00	32.09	31.56	31.85	31.59	0.00	0.00	0.00	32.11	0.00
	0.00	0.00	0.00	0.00	0.00	.18	.11	0.00	0.00	0.00	0.00	0.00
	0	0	0	1	1	3	2	0	0	0	1	0
10	0.00	0.00	0.00	32.09	32.14	31.88	31.70	0.00	0.00	0.00	32.12	0.00
	0.00	0.00	0.00	0.00	0.00	.18	.16	0.00	0.00	0.00	0.00	0.00
	0	0	0	1	1	3	2	0	0	0	1	0
20	0.00	0.00	0.00	32.09	32.21	32.06	31.90	0.00	0.00	0.00	32.13	0.00
	0.00	0.00	0.00	0.00	0.00	.12	.21	0.00	0.00	0.00	0.00	0.00
	0	0	0	1	1	3	2	0	0	0	1	0
30	0.00	0.00	0.00	32.09	32.19	32.17	32.03	0.00	0.00	0.00	32.16	0.00
	0.00	0.00	0.00	0.00	0.00	.15	.25	0.00	0.00	0.00	0.00	0.00
	0	0	0	1	1	3	2	0	0	0	1	0
50	0.00	0.00	0.00	32.09	32.05	32.47	31.94	0.00	0.00	0.00	32.31	0.00
	0.00	0.00	0.00	0.00	0.00	.02	.54	0.00	0.00	0.00	0.00	0.00
	0	0	0	1	1	3	2	0	0	0	1	0
75	0.00	0.00	0.00	32.88	32.32	32.66	32.47	0.00	0.00	0.00	32.60	0.00
	0.00	0.00	0.00	0.00	0.00	.07	.21	0.00	0.00	0.00	0.00	0.00
	0	0	0	1	1	3	2	0	0	0	1	0
100	0.00	0.00	0.00	33.60	32.57	32.87	33.00	0.00	0.00	0.00	32.85	0.00
	0.00	0.00	0.00	0.00	0.00	.08	.08	0.00	0.00	0.00	0.00	0.00
	0	0	0	1	1	3	2	0	0	0	1	0
150	0.00	0.00	0.00	33.84	32.97	33.59	33.75	0.00	0.00	0.00	33.21	0.00
	0.00	0.00	0.00	0.00	0.00	.29	.04	0.00	0.00	0.00	0.00	0.00
	0	0	0	1	1	3	2	0	0	0	1	0
200	0.00	0.00	0.00	0.00	34.18	34.10	34.42	0.00	0.00	0.00	33.61	0.00
	0.00	0.00	0.00	0.00	0.00	.42	.04	0.00	0.00	0.00	0.00	0.00
	0	0	0	0	1	2	2	0	0	0	1	0

SALINITY AT SUBAREA 37 ROSE BLANCHE BANK

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	0.00	32.41	0.00	0.00	31.09	31.35	31.46	31.49	0.00	0.00	32.11	0.00
	0.00	0.00	0.00	0.00	1.08	.31	.11	.10	0.00	0.00	0.00	0.00
	0	1	0	0	2	2	2	3	0	0	0	1
10	0.00	32.14	0.00	0.00	31.10	31.53	31.30	31.50	0.00	0.00	32.12	0.00
	0.00	0.00	0.00	0.00	1.10	.09	.18	.10	0.00	0.00	0.00	0.00
	0	1	0	0	2	2	2	3	0	0	0	1
20	0.00	32.18	0.00	0.00	31.90	31.72	31.77	32.22	0.00	0.00	32.13	0.00
	0.00	0.00	0.00	0.00	.29	.02	.00	.09	0.00	0.00	0.00	0.00
	0	1	0	0	2	2	2	3	0	0	0	1
30	0.00	32.18	0.00	0.00	32.28	31.83	32.01	32.36	0.00	0.00	32.14	0.00
	0.00	0.00	0.00	0.00	.02	.02	.02	.06	0.00	0.00	0.00	0.00
	0	1	0	0	2	2	2	3	0	0	0	1
50	0.00	32.18	0.00	0.00	32.40	32.06	32.18	32.49	0.00	0.00	32.23	0.00
	0.00	0.00	0.00	0.00	.01	.14	.11	.05	0.00	0.00	0.00	0.00
	0	1	0	0	2	2	2	3	0	0	0	1
75	0.00	32.21	0.00	0.00	32.52	32.20	32.52	32.65	0.00	0.00	32.77	0.00
	0.00	0.00	0.00	0.00	.01	.08	.32	.08	0.00	0.00	0.00	0.00
	0	1	0	0	2	2	2	3	0	0	0	1
100	0.00	32.41	0.00	0.00	32.63	32.45	32.40	32.80	0.00	0.00	32.81	0.00
	0.00	0.00	0.00	0.00	.05	.03	.06	.12	0.00	0.00	0.00	0.00
	0	1	0	0	2	2	2	3	0	0	0	1
150	0.00	33.10	0.00	0.00	33.04	0.00	33.87	32.88	0.00	0.00	33.12	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0	1	0	0	1	0	1	1	0	0	0	1
200	0.00	0.00	0.00	0.00	33.69	0.00	34.42	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	0	1	0	1	0	0	0	0	0
250	0.00	0.00	0.00	0.00	34.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0	0	1	0	0	0	0	0	0	0

SALINITY AT SUBAREA 38 LAURENTIAN CHANNEL

MEAN, S.D., NO. OF OBSERVATIONS

DEPTH(M)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	32.14 .25 6	32.11 .51 7	31.96 .18 22	31.82 .27 7	31.61 .56 7	31.43 .36 22	31.23 .34 24	31.25 .36 21	31.55 .45 14	31.78 .27 8	31.89 .59 22	0.00
10	32.22 .28 7	32.02 .51 9	31.97 .18 27	31.93 .36 8	31.63 .45 9	31.49 .32 24	31.41 .35 24	31.56 .41 23	31.59 .49 16	31.83 .31 8	31.85 .27 24	0.00
20	32.25 .32 7	32.11 .44 9	31.98 .18 27	31.97 .33 9	31.70 .40 9	31.76 .24 24	31.81 .39 25	32.00 .32 23	31.86 .56 16	31.95 .32 9	31.90 .26 24	0.00
30	32.40 .44 7	32.14 .40 9	32.03 .16 27	32.03 .33 9	31.95 .43 10	32.01 .19 24	32.08 .26 25	32.25 .17 23	32.03 .58 16	32.01 .36 9	32.01 .25 24	0.00
50	32.55 .63 7	32.21 .38 9	32.09 .17 27	32.19 .30 9	32.09 .30 10	32.27 .13 24	32.42 .29 25	32.41 .14 23	32.42 .56 16	32.42 .34 9	32.24 .27 24	32.22 0.00
75	32.72 .74 7	32.39 .31 9	32.25 .21 27	32.48 .38 9	32.32 .22 10	32.49 .13 24	32.62 .24 25	32.60 .20 23	32.54 .42 16	32.58 .37 9	32.59 .38 23	0.00
100	32.90 .74 7	32.70 .26 9	32.57 .28 27	32.79 .54 9	32.62 .17 10	32.71 .14 24	32.89 .26 25	32.89 .34 23	32.67 .36 15	32.78 .37 9	32.81 .36 23	0.00
150	33.50 .54 7	33.43 .47 9	33.39 .34 27	33.61 .59 9	33.32 .32 10	33.36 .24 23	33.55 .38 25	33.61 .46 20	33.29 .42 14	33.30 .45 8	33.41 .43 22	0.00
200	34.07 .33 7	34.26 .38 8	34.03 .36 24	34.20 .48 8	34.16 .36 9	34.13 .25 19	34.28 .21 23	34.26 .24 18	33.99 .51 13	33.74 .40 7	34.07 .37 18	0.00
250	34.44 .42 3	34.48 .44 6	34.50 .16 11	34.45 .35 5	34.40 .27 8	34.46 .18 14	34.43 .44 21	34.51 .07 12	34.36 .54 12	34.39 .14 4	34.48 .29 9	0.00
300	34.58 .30 3	34.51 .52 5	34.65 .05 9	34.64 .14 5	34.54 .21 6	34.59 .11 9	34.57 .39 16	34.64 .04 8	34.58 .20 10	34.67 .05 2	34.69 .10 5	0.00
400	34.40 0.00 1	34.87 .13 2	34.76 .09 3	34.59 0.00 1	34.79 .06 4	34.70 .10 5	34.64 .45 7	34.75 .02 5	34.80 .08 6	0.00 0.00 1	34.80 .02 0	0.00
500	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	34.83 0.00 1	0.00 0.00 0	0.00 0.00 0	0.00
600	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	34.84 0.00 1	0.00 0.00 0	0.00 0.00 0	0.00
800	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	34.85 0.00 1	0.00 0.00 0	0.00 0.00 0	0.00
1000	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	0.00 0.00 0	34.87 0.00 1	0.00 0.00 0	0.00 0.00 0	0.00