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Northwestern Atlantic Shelf and Slope Water Volumes and Surface Areas by One-degree Square and by Water Mass

by

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INTRODUCTION

The continental margin off the east coast of the United States is an area of increasing economic and political importance, as evidenced by the recent interest in offshore oil and gas exploration and the enactment in the United States of the Fisheries Conservation Management Act of 1976. This area is also the focus of numerous oceanographic studies of coastal circulation and mixing processes as efforts are being made to understand the dynamics of continental shelf regions (see, for example, Beardsley and Winant, 1979; Beardsley and Flagg, 1976; Beardsley et al., 1976; Bishop and Overland, 1977; Boicourt and Hacker, 1976; Brown and Beardsley, 1978; Bumpus, 1976; Csanady, 1976; Voorhis et al., 1976; and Wright, 1976). With increased development, both on- and offshore, of this region, an understanding of circulation, residence times, and mixing processes is necessary to determine the effects of this development on the ocean environment, particularly as regards the fate of pollutants introduced into these coastal waters and the resultant effect on fisheries. It is often useful in such oceanographic studies to know the volumes and surface areas of the various water masses in the region of interest. For example,

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it is necessary to know water mass volumes in order to calculate residence times.

Volumes and surface areas of coastal portions of the western North Atlantic encompassing the area 35°-44°N latitude and 65°-76°W longitude, computed as part of a box model study of water mass transports in this region (Bush, 1981), are presented separately here as a convenient source of this information for investigators working in this coastal region.

Measurements were made, using the Uchupi (1965) bathymetric charts, for each one-degree square in the area. In addition, the area was divided into three water masses - Middle Atlantic Bight (MAB) shelf water, near-surface slope water, and Gulf of Maine/Georges Bank (northern) shelf water - and volumes and surface areas of these water masses were determined. Figure 1 shows the area considered and the water mass boundaries. Volumes and surface areas are presented in Tables 2 and 3.

METHOD

Surface area and volume by one-degree square

Each one-degree square was planimetered to determine the projected surface area between intervals 0-20m, 20-40m, 40-60m, 60-80m, 80-100m, 100-120m, 120-140m, 140-160m, 160-180m, and 180-200m. Total surface area of each one-degree square was obtained by summing all the planimetered interval areas in each square. Surface areas of succeeding depth levels (20m, 40m, 60m, 80, 100m, 120m, 140, 160m, 180m, and 200m) were calculated by subtracting from the total (0 meter) surface area the measured area to the depth level of interest. For example, the surface area of the 40 meter depth level is equal to the total surface area minus the area between the 0 and 40 meter contours. The 40 meter

surface area overlies all the water in the one-degree square which is deeper than 40m. Linear interpolation was used to obtain surface area values at each 10 meter depth level from 0 to 200m, or to the bottom in squares shallower than 200m.

Each one-degree square was thus divided vertically into a series of trapezoidal solids each with a thickness of 10 meters. The volume of each of these 10 meter depth intervals was calculated according to $V=\frac{1}{2}(A_1+A_2)h$, where A_1 and A_2 area, respectively, the areas of the upper and lower surfaces of the volume interval, and h is the thickness (altitude) of the trapezoidal solid. Since h=10m for all cases, the trapezoidal volume may be expressed as $V=5(A_1+A_2)$. In those squares shallower than 200 meters the bottom trapezoidal solid degenerates into a triangular prism so that $V=\frac{1}{2}A_1h$, or $V=5A_1$. In those squares which are everywhere deeper than 200 meters, the volume intervals are rectangular rather than trapezoidal solids, and here $A_1=A_2=A$ so that $V=Ah$ or $V=10A$.

For each one-degree square 10-meter depth interval volumes are presented, as well as surface areas at each 10-meter depth level. The interval volumes for each square were summed to provide the total volume (to 200m), which was divided by the total surface area to yield a mean depth for each one-degree square. Cumulative volumes deeper than the upper level of each depth interval were also calculated, as were the percentage volume in each depth interval and the percentage volume deeper than each given depth. These percentages may not exactly balance because of roundoff differences.

Surface area and volume by water mass

The area was divided, according to geography and hydrography, into three water masses: the Middle Atlantic Bight (MAB) shelf water, the near-surface slope water, and the Gulf of Maine/Georges Bank (northern) shelf water, as shown in Figure 1.

The MAB shelf water overlies the continental shelf between Cape Hatteras, NC and Cape Cod, MA. The shallow area of Nantucket Shoals, in the vicinity of 70°W longitude, marks the northern limit of the Bight and separates the MAB shelf water from the colder and slightly less saline waters of the Gulf of Maine and Georges Bank regions. At the southern end of the Bight, near Cape Hatteras, the Gulf Stream impinges upon the continental shelf, forming the southern boundary of the MAB region.

MAB shelf water is separated from near-surface slope water by the shelf/slope front, a major hydrographic feature of the MAB which runs from Cape Hatteras north and east beyond Nantucket Shoals. This semi-permanent thermohaline front occurs in the vicinity of the shelf break, intersecting the shelf bottom, on the average, at the 90m isobath, and sloping upward to intersect the sea surface some 60 km seaward of this isobath, with a slope of about 2×10^{-3} (Flagg, 1977; Wright, 1976; Beardsley and Flagg, 1976; Bush, 1981), so that the northern and MAB shelf water volumes include wedges of shelf water overlying the warmer slope water.

The southern boundary of the slope water mass is the Gulf Stream front, which extends northeastward from Cape Hatteras. The position of this front is extremely variable due to the meandering nature of the Gulf Stream; on the average it is located about 25 km north of the Gulf Stream high velocity core (Garfield, 1979). For purposes of calculating volumes and surface areas, the slope water/Gulf Stream boundary is taken as one standard deviation northward of the mean surface position of the Gulf Stream front, as determined by

Halliwell (1978). Unlike the shelf/slope front, this boundary is assumed to be vertical. The 70°W meridian marks the eastern boundary of the near-surface slope water in the MAB region.

The northern shelf water is bounded on the west by Nantucket Shoals and the New England coast, on the north by the 44°N latitude line, which separates the Gulf of Maine from the Bay of Fundy, on the east by the 65°W meridian and on the south by the shelf/slope front. To the west, the 70°W meridian, which corresponds roughly to the location of Nantucket Shoals, separates the northern shelf water from the MAB shelf water.

In order to calculate the respective shelf and slope water interval volumes in each frontal one-degree square, it is necessary to know the position of the front at each 10-meter depth interval. An average frontal slope of 1.6×10^{-3}, calculated from 1967 and 1971 hydrographic data (Bush, 1981), was used to determine the distance from the 90 meter isobath at which the front is 5, 15, 25, 35, 45, 55, 65, 75, and 85 meters deep. This information is listed in Table 1. Because of the assumed linear variation of area with depth within each depth interval, the areas measured at these depths will represent the average area of the 10-meter high trapezoidal solid containing that depth at its mid-point. Thus the volume of, for example, the 10-20 meter interval is obtained by multiplying the 15 meter surface area by the interval depth of 10 meters. To measure the surface areas at each of these depths, the 90 meter isobath was drawn on a bathymetric chart of the MAB. Lines parallel to this isobath were drawn at distances corresponding to the various depths of the front, from a distance of 58 km seaward of the 90m isobath at the surface, to a distance of 4 km seaward of the 90m isobath at a depth of 85m. The frontal squares were planimetered to determine the respective shelf and slope areas in each square. Measuring

from the seaward boundary of the one-degree square to the line representing a depth boundary of the front gives the area of the slope water at that depth. Measuring the area between a depth boundary and the corresponding isobath, or the shoreward boundary of the one-degree square if it is deeper than the front, yields the shelf water area at that depth. The measured area are multiplied by 10 meters to obtain interval volumes. Volumes and surface areas of one-degree squares in each water wass not in the vicinity of the shelf/slope front were calculated as previously described.

Since the slope water/Gulf Stream boundary is assumed to be vertical, and since it occurs only in one-degree squares that are everywhere deeper than 200m, the area at each depth level is equal to the 0-meter surface area, and the volume of each 10-meter depth interval is equal to the volume of the 0-10 meter depth interval in each one-degree square traversed by this boundary.

Surface areas are presented by depth for each one-degree square in each water mass. Total surface area at each depth level is obtained by summing the contributions of all one-degree squares in the water mass. Ten-meter interval volumes are also presented by depth interval for each one-degree square in each water mass. Total water mass volume at each depth interval is obtained by summing the contributions of all one-degree squares in the water mass. The mean depth of each one-degree square in each water mass was calculated by dividing the total volume of that one-degree square by its total surface area.

The total volume of each water mass was obtained by summing the volumes of all one-degree squares in the water mass. The percentage volume in each depth interval was obtained by dividing the water mass volume at each depth interval by the water mass total volume. The mean depth of each water mass was obtained by dividing the total volume by the total surface area. The calculated total MAB shelf water volume of 5360 km^3 is in excellent agreement with the volume of 5642.1 km^3 determined by Wright and Parker (1976) from a volumetric temperature/salinity census for MAB shelf water with salinity less than 33.8%. The volume of slope water with salinity 35.0-35.8% determined by Wright and Parker (1976), which encompasses an area extending about 130 km seaward of the 200m isobath, is 10,839.3 km^3 compared to the calculated volume for the same area of 10,600 km^3.

Although uncertainty limits were not assigned to the calculated volumes and surface areas, these numbers should be adequate for most oceanographic applications. Possible sources of error include instrument precision limits, chart errors (the chart used was an electronic color scan reproduction of the Uchupi (1965) chart so some imprecision may be expected), the assumption of area being a linear function of depth within each depth interval, and the assumptions involved in estimating the position of the shelf/slope front. Uncertainties associated with the estimate of the frontal position are the most significant and result in differences in calculated MAB shelf water volume of $\pm$ 530 km^3 ($\pm$ 10%), in near-surface slope water volume of $\pm$ 530 km^3 ($\pm$ 5%), and in northern shelf water volume of $\pm$ 376 km^3 ($\pm$ 3%) (Bush, 1981).

For purposes of assigning volumes to shelf and slope water masses, the shelf/slope front has been considered to be infinitely narrow; however, the front has in fact a thickness of about 37 m (Bush, 1981), assuming a salinity

range for frontal (mixed) water of 33.8-35.0%. A front of this average thickness, of 60 km horizontal excursion, and of 670 km length (the distance measured, from Uchupi (1965), between Cape Cod, MA and Cape Hatteras, NC) has a total volume of 1.49×10^3 km^3, which is approximately 10% of the combined MAB shelf water and near-surface slope water volumes. The front along the northern shelf water mass boundary, measured from Uchupi (1965), is 475 km long, so that here the frontal volume is 1.05×10^3 km^3, or 8% of the northern shelf water volume in the upper 100m.

EXPLANATION OF DATA TABLES

Volumes and surface areas of one-degree squares in the region are presented in Table 2; volumes and surface areas of the three water masses in the region are presented in Table 3. Latitude and longitude of one-degree squares are coordinates of the lower right hand corner of each square. The order of presentation of one-degree square data tables is from lowest to highest latitude (south to north), and, at each latitude, from lowest to highest longitude (east to west).

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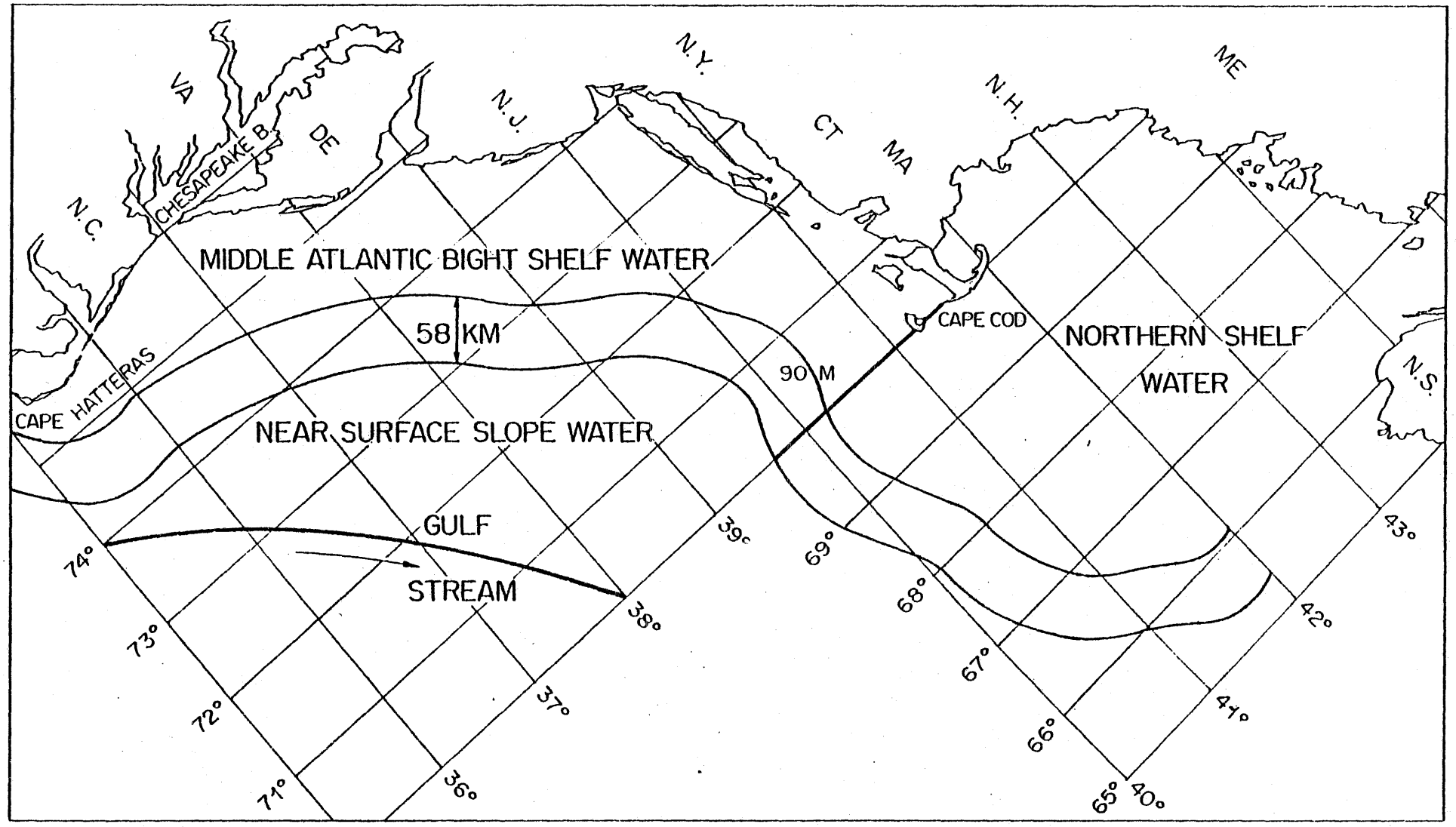

Figure 1. Chart of area with water mass boundaries.

Table 1. Seaward horizontal extension of the shelf/slope water front from the 90 m isobath at various depths, assuming a frontal slope of 1.6×10^{-3}.

Depth of Front	Distance from 90 m Isobath
0 m	58 km
5	55
15	48
25	42
35	36
45	29
55	23
65	16
75	10
85	4

TABLE 2

Northwestern Atlantic shelf and slope water volumes and surface areas by one-degree square

35°N 70°W

SURFACE AREA

$9.96 \times 10^9 m^2$

TOTAL VOL.

$1.99 \times 10^{12} m^3$

MEAN DEPTH

200 m

DEPTH INTERVAL (m)	INTERVAL VOLUME (m^3)	% OF TOTAL	CUMULATIVE VOLUME (m^3)	CUM. %	DEPTH (m)	AREA (m^2)
0-10	9.96×10^{10}	5	1.99×10^{12}	100	0	9.96×10^9
10-20	9.96×10^{10}	5	1.89×10^{12}	95	10	9.96×10^9
20-30	9.96×10^{10}	5	1.79×10^{12}	90	20	9.96×10^9
30-40	9.96×10^{10}	5	1.62×10^{12}	85	30	9.96×10^9
40-50	9.96×10^{10}	5	1.59×10^{12}	80	40	9.96×10^9
50-60	9.96×10^{10}	5	1.49×10^{12}	75	50	9.96×10^9
60-70	9.96×10^{10}	5	1.39×10^{12}	70	60	9.96×10^9
70-80	9.96×10^{10}	5	1.29×10^{12}	65	70	9.96×10^9
80-90	9.96×10^{10}	5	1.20×10^{12}	60	80	9.96×10^9
90-100	9.96×10^{10}	5	1.10×10^{12}	55	90	9.96×10^9
100-110	9.96×10^{10}	5	9.96×10^{11}	50	100	9.96×10^9
110-120	9.96×10^{10}	5	8.96×10^{11}	45	110	9.96×10^9
120-130	9.96×10^{10}	5	7.97×10^{11}	40	120	9.96×10^9
130-140	9.96×10^{10}	5	6.97×10^{11}	35	130	9.96×10^9
140-150	9.96×10^{10}	5	5.98×10^{11}	30	140	9.96×10^9
150-160	9.96×10^{10}	5	4.98×10^{11}	25	150	9.96×10^9
160-170	9.96×10^{10}	5	3.98×10^{11}	20	160	9.96×10^9
170-180	9.96×10^{10}	5	2.99×10^{11}	15	170	9.96×10^9
180-190	9.96×10^{10}	5	1.99×10^{11}	10	180	9.96×10^9
190-200	9.96×10^{10}	5	9.96×10^{10}	5	190	9.96×10^9
					200	9.96×10^9

35°N 71°W

SURFACE AREA

$1.01 \times 10^{10} m^2$

TOTAL VOL.

$2.02 \times 10^{12} m^3$

MEAN DEPTH

200 m

DEPTH INTERVAL (m)	INTERVAL VOLUME (m^3)	% OF TOTAL	CUMULATIVE VOLUME (m^3)	CUM. %	DEPTH (m)	AREA (m^2)
0-10	1.01×10^{11}	5	2.02×10^{12}	100	0	1.01×10^{10}
10-20	1.01×10^{11}	5	1.92×10^{12}	95	10	1.01×10^{10}
20-30	1.01×10^{11}	5	1.82×10^{12}	90	20	1.01×10^{10}
30-40	1.01×10^{11}	5	1.72×10^{12}	85	30	1.01×10^{10}
40-50	1.01×10^{11}	5	1.62×10^{12}	80	40	1.01×10^{10}
50-60	1.01×10^{11}	5	1.52×10^{12}	75	50	1.01×10^{10}
60-70	1.01×10^{11}	5	1.41×10^{12}	70	60	1.01×10^{10}
70-80	1.01×10^{11}	5	1.31×10^{12}	65	70	1.01×10^{10}
80-90	1.01×10^{11}	5	1.21×10^{12}	60	80	1.01×10^{10}
90-100	1.01×10^{11}	5	1.11×10^{12}	55	90	1.01×10^{10}
100-110	1.01×10^{11}	5	1.01×10^{11}	50	100	1.01×10^{10}
110-120	1.01×10^{11}	5	0.09×10^{11}	45	110	1.01×10^{10}
120-130	1.01×10^{11}	5	8.08×10^{11}	40	120	1.01×10^{10}
130-140	1.01×10^{11}	5	7.07×10^{11}	35	130	1.01×10^{10}
140-150	1.01×10^{11}	5	6.06×10^{11}	30	140	1.01×10^{10}
150-160	1.01×10^{11}	5	5.05×10^{11}	25	150	1.01×10^{10}
160-170	1.01×10^{11}	5	4.04×10^{11}	20	160	1.01×10^{10}
170-180	1.01×10^{11}	5	3.03×10^{11}	15	170	1.01×10^{10}
180-190	1.01×10^{11}	5	2.02×10^{11}	10	180	1.01×10^{10}
190-200	1.01×10^{11}	5	1.01×10^{11}	5	190	1.01×10^{10}
					200	1.01×10^{10}

35°N 72°W

SURFACE AREA

$1.01 \times 10^{10} m^2$

TOTAL VOL.

$2.02 \times 10^{12} m^3$

MEAN DEPTH

200 m

DEPTH INTERVAL (m)	INTERVAL VOLUME (m^3)	% OF TOTAL	CUMULATIVE VOLUME (m^3)	CUM. %
0-10	1.01×10^{11}	5	2.02×10^{12}	100
10-20	1.01×10^{11}	5	1.92×10^{12}	95
20-30	1.01×10^{11}	5	1.82×10^{12}	90
30-40	1.01×10^{11}	5	1.72×10^{12}	85
40-50	1.01×10^{11}	5	1.62×10^{12}	80
50-60	1.01×10^{11}	5	1.52×10^{12}	75
60-70	1.01×10^{11}	5	1.41×10^{12}	70
70-80	1.01×10^{11}	5	1.31×10^{12}	65
80-90	1.01×10^{11}	5	1.21×10^{12}	60
90-100	1.01×10^{11}	5	1.11×10^{12}	55
100-110	1.01×10^{11}	5	1.01×10^{12}	50
110-120	1.01×10^{11}	5	9.09×10^{11}	45
120-130	1.01×10^{11}	5	8.08×10^{11}	40
130-140	1.01×10^{11}	5	7.07×10^{11}	35
140-150	1.01×10^{11}	5	6.06×10^{11}	30
150-160	1.01×10^{11}	5	5.05×10^{11}	25
160-170	1.01×10^{11}	5	4.04×10^{11}	20
170-180	1.01×10^{11}	5	3.03×10^{11}	15
180-190	1.01×10^{11}	5	2.02×10^{11}	10
190-200	1.01×10^{11}	5	1.01×10^{11}	5

DEPTH (m)	AREA (m^2)
0	1.01×10^{10}
10	1.01×10^{10}
20	1.01×10^{10}
30	1.01×10^{10}
40	1.01×10^{10}
50	1.01×10^{10}
60	1.01×10^{10}
70	1.01×10^{10}
80	1.01×10^{10}
90	1.01×10^{10}
100	1.01×10^{10}
110	1.01×10^{10}
120	1.01×10^{10}
130	1.01×10^{10}
140	1.01×10^{10}
150	1.01×10^{10}
160	1.01×10^{10}
170	1.01×10^{10}
180	1.01×10^{10}
190	1.01×10^{10}
200	1.01×10^{10}

35^0N 73^0W

SURFACE AREA

$9.99 \times 10^9 m^2$

TOTAL VOL.

$2.00 \times 10^{12} m^3$

MEAN DEPTH

200 m

DEPTH INTERVAL (m)	INTERVAL VOLUME (m^3)	% OF TOTAL	CUMULATIVE VOLUME (m^3)	CUM. %	DEPTH (m)	AREA (m^2)
0-10	9.99×10^{10}	5	2.00×10^{12}	100	0	9.99×10^9
10-20	9.99×10^{10}	5	1.90×10^{12}	95	10	9.99×10^9
20-30	9.99×10^{10}	5	1.80×10^{12}	90	20	9.99×10^9
30-40	9.99×10^{10}	5	1.70×10^{12}	85	30	9.99×10^9
40-50	9.99×10^{10}	5	1.60×10^{12}	80	40	9.99×10^9
50-60	9.99×10^{10}	5	1.50×10^{12}	75	50	9.99×10^9
60-70	9.99×10^{10}	5	1.40×10^{12}	70	60	9.99×10^9
70-80	9.99×10^{10}	5	1.30×10^{12}	65	70	9.99×10^9
80-90	9.99×10^{10}	5	1.20×10^{12}	60	80	9.99×10^9
90-100	9.99×10^{10}	5	1.10×10^{12}	55	90	9.99×10^9
100-110	9.99×10^{10}	5	9.99×10^{11}	50	100	9.99×10^9
110-120	9.99×10^{10}	5	8.99×10^{11}	45	110	9.99×10^9
120-130	9.99×10^{10}	5	7.99×10^{11}	40	120	9.99×10^9
130-140	9.99×10^{10}	5	6.99×10^{11}	35	130	9.99×10^9
140-150	9.99×10^{10}	5	5.99×10^{11}	30	140	9.99×10^9
150-160	9.99×10^{10}	5	4.99×10^{11}	25	150	9.99×10^9
160-170	9.99×10^{10}	5	4.00×10^{11}	20	160	9.99×10^9
170-180	9.99×10^{10}	5	3.00×10^{11}	15	170	9.99×10^9
180-190	9.99×10^{10}	5	2.00×10^{11}	10	180	9.99×10^9
190-200	9.99×10	5	9.99×10^{10}	5	190	9.99×10^9
					200	9.99×10^9

35^0N 74^0W

SURFACE AREA

$1.00 \times 10^{10} m^2$

TOTAL VOL.

$1.89 \times 10^{12} m^3$

MEAN DEPTH

189.0 m

DEPTH INTERVAL (m)	INTERVAL VOLUME (m^3)	% OF TOTAL	CUMULATIVE VOLUME (m^3)	CUM. %	DEPTH (m)	Area (m^2)
0-10	9.98×10^{10}	5.3	1.89×10^{12}	100	0	1.00×10^{10}
10-20	9.94×10^{10}	5.3	1.79×10^{12}	95	10	9.96×10^{9}
20-30	9.90×10^{10}	5.2	1.69×10^{12}	89	20	9.92×10^{9}
30-40	9.86×10^{10}	5.2	1.59×10^{12}	84	30	9.88×10^{9}
40-50	9.82×10^{10}	5.2	1.49×10^{12}	79	40	9.84×10^{9}
50-60	9.78×10^{10}	5.2	1.39×10^{12}	74	50	9.80×10^{9}
60-70	9.69×10^{10}	5.1	1.30×10^{12}	69	60	9.76×10^{9}
70-80	9.54×10^{10}	5.1	1.20×10^{12}	63	70	9.61×10^{9}
80-90	9.42×10^{10}	5.0	1.10×10^{12}	58	80	9.46×10^{9}
90-100	9.34×10^{10}	4.9	1.01×10^{12}	53	90	9.38×10^{9}
100-110	9.28×10^{10}	4.9	9.17×10^{11}	49	100	9.29×10^{9}
110-120	9.25×10^{10}	4.9	8.24×10^{11}	44	110	9.26×10^{9}
120-130	9.22×10^{10}	4.9	7.31×10^{11}	39	120	9.23×10^{9}
130-140	9.19×10^{10}	4.9	6.39×10^{11}	34	130	9.20×10^{9}
140-150	9.17×10^{10}	4.9	5.47×10^{11}	29	140	9.17×10^{9}
150-160	9.15×10^{10}	4.8	4.55×10^{11}	24	150	9.16×10^{9}
160-170	9.13×10^{10}	4.8	3.64×10^{11}	19	160	9.14×10^{9}
170-180	9.11×10^{10}	4.8	2.73×10^{11}	14	170	9.12×10^{9}
180-190	9.09×10^{10}	4.8	1.82×10^{11}	10	180	9.10×10^{9}
190-200	9.06×10^{10}	4.8	9.06×10^{10}	5	190	9.07×10^{9}
					200	9.04×10^{9}

35°N 75°W

SURFACE AREA

$6.00 \times 10^9 m^2$

TOTAL VOL.

$2.53 \times 10^{11} m^3$

MEAN DEPTH

42.2 m

DEPTH INTERVAL (m)	INTERVAL VOLUME (m^3)	% OF TOTAL	CUMULATIVE VOLUME (m^3)	CUM. %
0-10	5.64×10^{10}	22	2.53×10^{11}	100
10-20	4.90×10^{10}	19	1.97×10^{11}	78
20-30	3.78×10^{10}	15	1.48×10^{11}	59
30-40	2.27×10^{10}	9	1.10×10^{11}	43
40-50	1.29×10^{10}	5	9.73×10^{10}	35
50-60	8.51×10^{9}	3	7.44×10^{10}	29
60-70	6.14×10^{9}	2	6.59×10^{10}	26
70-80	5.79×10^{9}	2	5.97×10^{10}	24
80-90	5.50×10^{9}	2	5.40×10^{10}	21
90-100	5.26×10^{9}	2	4.85×10^{10}	19
100-110	5.05×10^{9}	2	4.32×10^{10}	17
110-120	4.85×10^{9}	2	3.81×10^{10}	15
120-130	4.67×10^{9}	2	3.33×10^{10}	13
130-140	4.51×10^{9}	1.8	2.86×10^{10}	11
140-150	4.36×10^{9}	1.7	2.41×10^{10}	9.5
150-160	4.20×10^{9}	1.7	1.98×10^{10}	7.8
160-170	4.08×10^{9}	1.6	1.56×10^{10}	6
170-180	3.99×10^{9}	1.6	1.15×10^{10}	4.6
180-190	3.84×10^{9}	1.5	7.48×10^{10}	3
190-200	3.64×10	1.4	3.64×10^{10}	1.4

DEPTH (m)	AREA (m^2)
0	6.00×10^{9}
10	5.27×10^{9}
20	4.53×10^{9}
30	3.02×10^{9}
40	1.51×10^{9}
50	1.07×10^{9}
60	6.31×10^{8}
70	5.96×10^{8}
80	5.61×10^{8}
90	5.38×10^{8}
100	5.14×10^{8}
110	4.95×10^{8}
120	4.75×10^{8}
130	4.59×10^{8}
140	4.43×10^{8}
150	4.28×10^{8}
160	4.12×10^{8}
170	4.03×10^{8}
180	3.94×10^{8}
190	3.74×10^{8}
200	3.53×10^{8}

36^0N 70^0W

SURFACE AREA

$9.80 \times 10^9 m^2$

TOTAL VOL.

$1.96 \times 10^{12} m^3$

MEAN DEPTH

200 m

DEPTH INTERVAL (m)	INTERVAL VOLUME (m^3)	% OF TOTAL	CUMULATIVE VOLUME (m^3)	CUM. %	DEPTH (m)	AREA (m^2)
0-10	9.80×10^{10}	5	1.96×10^{12}	100	0	9.80×10^9
10-20	9.80×10^{10}	5	1.86×10^{12}	95	10	9.80×10^9
20-30	9.80×10^{10}	5	1.75×10^{12}	90	20	$9.80.10^9$
30-40	9.80×10^{10}	5	1.67×10^{12}	85	30	9.80×10^9
40-50	9.80×10^{10}	5	1.57×10^{12}	80	40	9.80×10^9
50-60	9.80×10^{10}	5	1.47×10^{12}	75	50	9.80×10^9
60-70	9.80×10^{10}	5	1.37×10^{12}	70	60	9.80×10^9
70-80	9.80×10^{10}	5	1.27×10^{12}	65	70	9.80×10^9
80-90	9.80×10^{10}	5	1.18×10^{12}	60	80	9.80×10^9
90-100	9.80×10^{10}	5	1.08×10^{12}	55	90	9.80×10^9
100-110	9.80×10^{10}	5	9.80×10^{11}	50	100	9.80×10^9
110-120	9.80×10^{10}	5	8.82×10^{11}	45	110	9.80×10^9
120-130	9.80×10^{10}	5	7.84×10^{11}	40	120	9.80×10^9
130-140	9.80×10^{10}	5	6.86×10^{11}	35	130	9.80×10^9
140-150	9.80×10^{10}	5	5.88×10^{11}	30	140	9.80×10^9
150-160	9.80×10^{10}	5	4.90×10^{11}	25	150	9.80×10^9
160-170	9.80×10^{10}	5	3.92×10^{11}	20	160	9.80×10^9
170-180	9.80×10^{10}	5	2.94×10^{11}	15	170	9.80×10^9
180-190	9.80×10^{10}	5	1.96×10^{11}	10	180	9.80×10^9
190-200	9.80×10^{10}	5	9.80×10^{10}	5	190	9.80×10^9
					200	9.80×10^9

36^0N 71^0W

SURFACE AREA

$9.92 \times 10^9 m^2$

TOTAL VOL.

$1.98 \times 10^{12} m^3$

MEAN DEPTH

200 m

DEPTH INTERVAL (m)	INTERVAL VOLUME (m^3)	% OF TOTAL	CUMULATIVE VOLUME (m^3)	CUM. %	DEPTH (m)	AREA (m^2)
0-10	9.92x10	5	1.98×10^{12}	100	0	9.92×10^9
10-20	9.92x10	5	1.88×10^{12}	95	10	9.92×10^9
20-30	9.92x10	5	1.79×10^{12}	90	20	9.92×10^9
30-40	9.92x10	5	1.69×10^{12}	85	30	9.92×10^9
40-50	9.92x10	5	1.59×10^{12}	80	40	9.92×10^9
50-60	9.92x10	5	1.49×10^{12}	75	50	9.92×10^9
60-70	9.92x10	5	1.39×10^{12}	70	60	9.92×10^9
70-80	9.92x10	5	1.29×10^{12}	65	70	9.92×10^9
80-90	9.92x10	5	1.19×10^{12}	60	80	9.92×10^9
90-100	9.92x10	5	1.09×10^{12}	55	90	9.92×10^9
100-110	9.92x10	5	1.09×10^{11}	50	100	9.92×10^9
110-120	9.92x10	5	8.93×10^{11}	45	110	9.92×10^9
120-130	9.92x10	5	7.94×10^{11}	40	120	9.92×10^9
130-140	9.92x10	5	6.94×10^{11}	35	130	9.92×10^9
140-150	9.92x10	5	5.95×10^{11}	30	140	9.92×10^9
150-160	9.92x10	5	4.96×10^{11}	25	150	9.92×10^9
160-170	9.92x10	5	3.97×10^{11}	20	160	9.92×10^9
170-180	9.92x10	5	2.98×10^{11}	15	170	9.92×10^9
180-190	9.92x10	5	1.98×10^{11}	10	180	9.92×10^9
190-200	9.92x10	5	9.92×10^{10}	5	190	9.92×10^9
					200	9.92×10^9

36^0N 72^0W

SURFACE AREA

$9.76x10^9m^2$

TOTAL VOL.

$1.95x10^{12}m^3$

MEAN DEPTH

200 m

DEPTH INTERVAL (m)	INTERVAL VOLUME (m^3)	% OF TOTAL	CUMULATIVE VOLUME (m^3)	CUM. %
0-10	$9.76x10^{10}$	5	$1.95x10^{12}$	100
10-20	$9.76x10^{10}$	5	$1.85x10^{12}$	95
20-30	$9.76x10^{10}$	5	$1.76x10^{12}$	90
30-40	$9.76x10^{10}$	5	$1.66x10^{12}$	85
40-50	$9.76x10^{10}$	5	$1.56x10^{12}$	80
50-60	$9.76x10^{10}$	5	$1.46x10^{12}$	75
60-70	$9.76x20^{10}$	5	$1.37x10^{12}$	70
70-80	$9.76x10^{10}$	5	$1.27x10^{12}$	65
80-90	$9.76x10^{10}$	5	$1.17x10^{12}$	60
90-100	$9.76x10^{10}$	5	$1.07x10^{12}$	55
100-110	$9.76x10^{10}$	5	$9.76x10^{11}$	50
110-120	$9.76x10^{10}$	5	$8.78x10^{11}$	45
120-130	$9.76x10^{10}$	5	$7.81x10^{11}$	40
130-140	$9.76x10^{10}$	5	$6.83x10^{11}$	35
140-150	$9.76x10^{10}$	5	$5.86x10^{11}$	30
150-160	$9.76x10^{10}$	5	$4.88x10^{11}$	25
160-170	$9.76x10^{10}$	4	$3.90x10^{11}$	20
170-180	$9.76x10^{10}$	5	$2.93x10^{11}$	15
180-190	$9.76x10^{10}$	5	$1.95x10^{11}$	10
190-200	$9.76x10^{10}$	5	$9.76x10^{11}$	5

DEPTH (m)	AREA (m^2)
0	$9.76x10^9$
10	$9.76x10^9$
20	$9.76x10^9$
30	$9.76x10^9$
40	$9.76x10^9$
50	$9.76x10^9$
60	$9.76x10^9$
70	$9.76x10^9$
80	$9.76x10^9$
90	$9.76x10^9$
100	$9.76x10^9$
110	$9.76x10^9$
120	$9.76x10^9$
130	$9.76x10^9$
140	$9.76x10^9$
150	$9.76x10^9$
160	$9.76x10^9$
170	$9.76x10^9$
180	$9.76x10^9$
190	$9.76x10^9$
200	$9.76x10^9$

36^0N 73^0W

SURFACE AREA

$9.80 \times 10^9 m^2$

TOTAL VOL.

$1.96 \times 10^{12} m^3$

MEAN DEPTH

200 m

DEPTH INTERVAL (m)	INTERVAL VOLUME (m^3)	% OF TOTAL	CUMULATIVE VOLUME (m^3)	CUM. %	DEPTH (m)	AREA (m^2)
0-10	9.80×10^{10}	5	1.96×10^{12}	100	0	9.80×10^9
10-20	9.80×10^{10}	5	1.86×10^{12}	95	10	9.80×10^9
20-30	9.80×10^{10}	5	1.76×10^{12}	90	20	9.80×10^9
30-40	9.80×10^{10}	5	1.67×10^{12}	85	30	9.80×10^9
40-50	9.80×10^{10}	5	1.57×10^{12}	80	40	9.80×10^9
50-60	9.80×10^{10}	5	1.47×10^{12}	75	50	9.80×10^9
60-70	9.80×10^{10}	5	1.37×10^{12}	70	60	9.80×10^9
70-80	9.80×10^{10}	5	1.27×10^{12}	65	70	9.80×10^9
80-90	9.80×10^{10}	5	1.18×10^{12}	60	80	9.80×10^9
90-100	9.80×10^{10}	5	1.08×10^{12}	55	90	9.80×10^9
100-110	9.80×10^{10}	5	9.80×10^{11}	50	100	9.80×10^9
110-120	9.80×10^{10}	5	8.82×10^{11}	45	110	9.80×10^9
120-130	9.80×10^{10}	5	7.84×10^{11}	40	120	9.80×10^9
130-140	9.80×10^{10}	5	6.86×10^{11}	35	130	9.80×10^9
140-150	9.80×10^{10}	5	5.88×10^{11}	30	140	9.80×10^9
150-160	9.80×10^{10}	5	4.90×10^{11}	25	150	9.80×10^9
160-170	9.80×10^{10}	5	3.92×10^{11}	20	160	9.80×10^9
170-180	9.80×10^{10}	5	2.94×10^{11}	15	170	9.80×10^9
180-190	9.80×10^{10}	5	1.96×10^{11}	10	180	9.80×10^9
190-200	9.80×10^{10}	5	9.80×10^{11}	5	190	9.80×10^9
					200	9.80×10^9

36^0N 74^0W

SURFACE AREA

$9.80 \times 10^9 m^2$

TOTAL VOL.

$1.62 \times 10^{12} m^3$

MEAN DEPTH

165.3 m

DEPTH INTERVAL (m)	INTERVAL VOLUME (m^3)	% OF TOTAL	CUMULATIVE VOLUME (m^3)	CUM. %	DEPTH (m)	AREA (m^2)
0-10	9.75×10^{10}	6	1.62×10^{12}	100	0	9.80×10^9
10-20	9.64×10^{10}	6	1.52×10^{12}	94	10	9.69×10^9
20-30	9.53×10^{10}	6	1.42×10^{12}	88	20	9.58×10^9
30-40	9.42×10^{10}	6	1.33×10^{12}	82	30	9.97×10^9
40-50	9.09×10^{10}	5.6	1.23×10^{12}	76	40	9.36×10^9
50-60	8.55×10^{10}	5.3	1.14×10^{12}	70	50	8.82×10^9
60-70	8.20×10^{10}	5	1.06×10^{12}	65	60	8.28×10^9
70-80	8.04×10^{10}	5	9.75×10^{11}	60	70	8.12×10^9
80-90	7.86×10^{10}	4.9	8.94×10^{11}	55	80	7.95×10^9
90-100	7.66×10^{10}	4.7	8.16×10^{11}	50	90	7.76×10^9
100-110	7.54×10^{10}	4.7	7.39×10^{11}	46	100	7.56×10^9
110-120	7.49×10^{10}	4.6	6.64×10^{11}	41	110	7.51×10^9
120-130	7.45×10^{10}	4.6	5.89×10^{11}	36	120	7.46×10^9
130-140	7.43×10^{10}	4.6	5.14×10^{11}	32	130	7.44×10^9
140-150	7.40×10^{10}	4.6	4.40×10^{11}	27	140	7.41×10^9
150-160	7.38×10^{10}	4.6	3.66×10^{11}	23	150	7.39×10^9
160-170	7.36×10^{10}	4.5	2.92×10^{11}	18	160	7.37×10^9
170-180	7.33×10^{10}	4.5	2.19×10^{11}	14	170	7.34×10^9
180-190	7.29×10^{10}	4.5	1.45×10^{11}	9	180	7.31×10^9
190-200	7.25×10^{10}	4.5	7.25×10^{10}	4.5	190	7.27×10^9
					200	7.23×10^9

36^0N 75^0W

DEPTH INTERVAL (m)	INTERVAL VOLUME (m^3)	% OF TOTAL	CUMULATIVE VOLUME (m^3)	CUM. %	DEPTH (m)	AREA (m^2)
0-10	7.71×10^{10}	36	2.15×10^{11}	100	0	8.21×10^9
10-20	6.71×10^{10}	31	1.37×10^{11}	64	10	7.21×10^9
20-30	4.76×10^{10}	22	7.04×10^{10}	33	20	6.21×10^9
30-40	1.86×10^{10}	8.7	2.28×10^{10}	11	30	3.31×10^9
40-50	3.11×10^9	1.5	4.15×10^9	1.9	40	4.14×10^8
50-60	1.04×10^9	0.5	1.04×10^9	0.5	50	2.07×10^8

SURFACE AREA

$8.21 \times 10^9 m^2$

TOTAL VOL.

$2.15 \times 10^{11} m^3$

MEAN DEPTH

26.2 m

37^0N 70^0W

SURFACE AREA

$9.61 \times 10^9 m^2$

TOTAL VOL.

$1.92 \times 10^{12} m^3$

MEAN DEPTH

200 m

DEPTH INTERVAL (m)	INTERVAL VOLUME (m^3)	% OF TOTAL	CUMULATIVE VOLUME (m^3)	CUM. %	DEPTH (m)	AREA (m^2)
0-10	9.61×10^{10}	5	1.92×10^{12}	100	0	9.61×10^9
10-20	9.61×10^{10}	5	1.83×10^{12}	95	10	9.61×10^9
20-30	9.61×10^{10}	5	1.73×10^{12}	90	20	9.61×10^9
30-40	0.61×10^{10}	5	1.63×10^{12}	85	30	9.61×10^9
40-50	0.61×10^{10}	5	1.54×10^{12}	80	40	9.61×10^9
50-60	9.61×10^{10}	5	1.44×10^{12}	75	50	9.61×10^9
60-70	9.61×10^{10}	5	1.35×10^{12}	70	60	9.61×10^9
70-80	9.61×10^{10}	5	1.25×10^{12}	65	70	9.61×10^9
80-90	9.61×10^{10}	5	1.15×10^{12}	60	80	9.61×10^9
90-100	9.61×10^{10}	5	1.06×10^{12}	55	90	9.61×10^9
100-110	9.61×10^{10}	5	9.61×10^{11}	50	100	9.61×10^9
110-120	9.61×10^{10}	5	8.65×10^{11}	45	110	9.61×10^9
120-130	9.61×10^{10}	5	7.69×10^{11}	40	120	9.61×10^9
130-140	9.61×10^{10}	5	6.73×10^{11}	35	130	9.61×10^9
140-150	9.61×10^{10}	5	5.77×10^{11}	30	140	9.61×10^9
150-160	9.61×10^{10}	5	4.81×10^{11}	25	150	9.61×10^9
160-170	9.61×10^{10}	5	3.84×10^{11}	20	160	9.61×10^9
170-180	9.61×10^{10}	5	2.88×10^{11}	15	170	9.61×10^9
180-190	9.61×10^{10}	5	1.92×10^{11}	10	180	9.61×10^9
190-200	9.61×10^{10}	5	9.61×10^{10}	5	190	9.61×10^9
					200	9.61×10^9

37°N 71°W

SURFACE AREA

$9.68 \times 10^9 m^2$

TOTAL VOL.

$1.94 \times 10^{12} m^3$

MEAN DEPTH

200 m

DEPTH INTERVAL (m)	INTERVAL VOLUME (m^3)	% OF TOTAL	CUMULATIVE VOLUME (m^3)	CUM. %	DEPTH (m)	AREA (m^2)
0-10	9.68×10^{10}	5	1.94×10^{12}	100	0	9.68×10^9
10-20	9.68×10^{10}	5	1.84×10^{12}	95	10	9.68×10^9
20-30	9.68×10^{10}	5	1.74×10^{12}	90	20	9.68×10^9
30-40	9.68×10^{10}	5	1.65×10^{12}	85	30	9.68×10^9
40-50	9.68×10^{10}	5	1.55×10^{12}	80	40	9.68×10^9
50-60	9.68×10^{10}	5	1.45×10^{12}	75	50	9.68×10^9
60-70	9.68×10^{10}	5	1.36×10^{12}	70	60	9.68×10^9
70-80	9.68×10^{10}	5	1.26×10^{12}	65	70	9.68×10^9
80-90	9.68×10^{10}	5	1.16×10^{12}	60	80	9.68×10^9
90-100	9.68×10^{10}	5	1.06×10^{12}	55	90	9.68×10^9
100-110	9.68×10^{10}	5	9.68×10^{11}	50	100	9.68×10^9
110-120	9.68×10^{10}	5	8.71×10^{11}	45	110	9.68×10^9
120-130	9.68×10^{10}	5	7.74×10^{11}	40	120	9.68×10^9
130-140	9.68×10^{10}	5	6.78×10^{11}	35	130	9.68×10^9
140-150	9.68×10^{10}	5	5.81×10^{11}	30	140	9.68×10^9
150-160	9.68×10^{10}	5	4.84×10^{11}	25	150	9.68×10^9
160-170	9.68×10^{10}	5	3.87×10^{11}	20	160	9.68×10^9
170-180	9.68×10^{10}	5	2.90×10^{11}	15	170	9.68×10^9
180-190	9.68×10^{10}	5	1.94×10^{11}	10	180	9.68×10^9
190-200	9.68×10^{10}	5	9.68×10^{10}	5	190	9.68×10^9
					200	9.68×10^9

37^0N 72^0W

SURFACE AREA

$9.63x10^9m^2$

TOTAL VOL.

$1.93x10^{12}m^3$

MEAN DEPTH

200 m

DEPTH INTERVAL (m)	INTERVAL VOLUME (m^3)	% OF TOTAL	CUMULATIVE VOLUME (m^3)	CUM. %	DEPTH (m)	AREA (m^2)
0-10	$9.63x10^{10}$	5	$1.93x10^{12}$	100	0	$9.63x10^9$
10-20	$9.63x10^{10}$	5	$1.83x10^{12}$	95	10	$9.63x10^9$
20-30	$9.63x10^{10}$	5	$1.73x10^{12}$	90	20	$9.63x10^9$
30-40	$9.63x10^{10}$	5	$1.64x10^{12}$	85	30	$9.63x10^9$
40-50	$9.63x10^{10}$	5	$1.54x10^{12}$	80	40	$9.63x10^9$
50-60	$9.63x10^{10}$	5	$1.44x10^{12}$	75	50	$9.63x10^9$
60-70	$9.63x10^{10}$	5	$1.35x10^{12}$	70	60	$9.63x10^9$
70-80	$9.63x10^{10}$	5	$1.25x10^{12}$	65	70	$9.63x10^9$
80-90	$9.63x10^{10}$	5	$1.16x10^{12}$	60	80	$9.63x10^9$
90-100	$9.63x10^{10}$	5	$1.06x10^{12}$	55	90	$9.63x10^9$
100-110	$9.63x10^{10}$	5	$9.63x10^{11}$	50	100	$9.63x10^9$
110-120	$9.63x10^{10}$	5	$8.67x10^{11}$	45	110	$9.63x10^9$
120-130	$9.63x10^{10}$	5	$7.70x10^{11}$	40	120	$9.63x10^9$
130-140	$9.63x10^{10}$	5	$6.74x10^{11}$	35	130	$9.63x10^9$
140-150	$9.63x10^{10}$	5	$5.78x10^{11}$	30	140	$9.63x10^9$
150-160	$9.63x10^{10}$	5	$4.82x10^{11}$	25	150	$9.63x10^9$
160-170	$9.63x10^{10}$	5	$3.85x10^{11}$	20	160	$9.63x10^9$
170-180	$9.63x10^{10}$	5	$2.89x10^{11}$	15	170	$9.63x10^9$
180-190	$9.63x10^{10}$	5	$1.93x10^{11}$	10	180	$9.63x10^9$
190-200	$9.63x10^{10}$	5	$9.63x10^{10}$	5	190	$9.63x10^9$
					200	$9.63x10^9$

37^0N 73^0W

SURFACE AREA

$9.36 \times 10^9 m^2$

TOTAL VOL.

$1.92 \times 10^{12} m^3$

MEAN DEPTH

199.4 m

DEPTH INTERVAL (m)	INTERVAL VOLUME (m^3)	% OF TOTAL	CUMULATIVE VOLUME (m^3)	CUM. %	DEPTH (m)	AREA (m^2)
0-10	9.63×10^{10}	5	1.92×10^{12}	100	0	9.63×10^9
10-20	9.63×10^{10}	5	1.83×10^{12}	95	10	9.63×10^9
20-30	9.63×10^{10}	5	1.73×10^{12}	90	20	9.63×10^9
30-40	9.63×10^{10}	5	1.64×10^{12}	85	30	9.63×10^9
40-50	9.63×10^{10}	5	1.54×10^{12}	80	40	9.63×10^9
50-60	9.63×10^{10}	5	1.44×10^{12}	75	50	9.63×10^9
60-70	9.63×10^{10}	5	1.35×10^{12}	70	60	9.63×10^9
70-80	9.63×10^{10}	5	1.25×10^{12}	65	70	9.63×10^9
80-90	9.62×10^{10}	5	1.15×10^{12}	60	80	9.62×10^9
90-100	9.62×10^{10}	5	1.06×10^{12}	55	90	9.62×10^9
100-110	9.62×10^{10}	5	9.61×10^{11}	50	100	9.62×10^9
110-120	9.62×10^{10}	5	8.65×10^{11}	45	110	9.62×10^9
120-130	9.62×10^{10}	5	7.69×10^{11}	40	120	9.62×10^9
130-140	9.62×10^{10}	5	6.73×10^{11}	35	130	9.62×10^9
140-150	9.62×10^{10}	5	5.77×10^{11}	30	140	9.62×10^9
150-160	9.62×10^{10}	5	4.80×10^{11}	25	150	9.62×10^9
160-170	9.61×10^{10}	5	3.84×10^{11}	20	160	9.61×10^9
170-180	9.61×10^{10}	5	2.88×10^{11}	15	170	9.61×10^9
180-190	9.60×10^{10}	5	1.92×10^{11}	10	180	9.60×10^9
190-200	9.60×10^{10}	5	9.60×10^{10}	5	190	9.60×10^9
					200	9.60×10^9

37^0N 74^0W

SURFACE AREA

$9.59 \times 10^9 m^2$

TOTAL VOL.

$1.07 \times 10^{12} m^3$

MEAN DEPTH

111.8 m

DEPTH INTERVAL (m)	INTERVAL VOLUME (m^3)	% OF TOTAL	CUMULATIVE VOLUME (m^3)	CUM. %
0-10	9.59×10^{10}	8.9	1.07×10^{12}	100
10-20	9.59×10^{10}	8.9	9.76×10^{11}	91
20-30	9.26×10^{10}	8.6	8.80×10^{11}	82
30-40	8.60×10^{10}	8	7.88×10^{11}	74
40-50	7.70×10^{10}	7	7.02×10^{11}	65
50-60	6.56×10^{10}	6	6.25×10^{11}	58
60-70	5.72×10^{10}	5.3	5.59×10^{11}	52
70-80	5.19×10^{10}	4.8	5.02×10^{11}	47
80-90	4.74×10^{10}	4.4	4.50×10^{11}	42
90-100	4.38×10^{10}	4.1	4.03×10^{11}	38
100-110	4.09×10^{10}	3.8	3.59×10^{11}	33
110-120	3.89×10^{10}	3.6	3.18×10^{11}	30
120-130	3.73×10^{10}	3.5	2.79×10^{11}	26
130-140	3.63×10^{10}	3.4	2.42×10^{11}	23
140-150	3.55×10^{10}	3.3	2.05×10^{11}	19
150-160	3.49×10^{10}	3.3	1.70×10^{11}	16
160-170	3.44×10^{10}	3.2	1.32×10^{11}	13
170-180	3.40×10^{10}	3.2	1.01×10^{11}	9
180-190	3.35×10^{10}	3.1	6.66×10^{10}	6
190-200	3.31×10^{10}	3	3.31×10^{10}	3

DEPTH (m)	AREA (m^2)
0	9.59×10^9
10	9.59×10^9
20	9.58×10^9
30	8.93×10^9
40	8.27×10^9
50	7.13×10^9
60	5.98×10^9
70	5.45×10^9
80	4.92×10^9
90	4.56×10^9
100	4.19×10^9
110	3.99×10^9
120	3.78×10^9
130	3.68×10^9
140	3.58×10^9
150	3.52×10^9
160	3.46×10^9
170	3.42×10^9
180	3.37×10^9
190	3.33×10^9
200	3.29×10^9

37^0N 75^0W

DEPTH INTERVAL (m)	INTERVAL VOLUME (m^3)	% OF TOTAL	CUMULATIVE VOLUME (m^3)	CUM. %	DEPTH (m)	AREA (m^2)
0-10	5.44×10^{10}	41	1.33×10^{11}	100	0	6.06×10^9
10-20	4.18×10^{10}	31	7.84×10^{10}	59	10	4.81×10^9
20-30	2.68×10^{10}	20	3.66×10^9	28	20	3.55×10^9
30-40	9.27×10^9	7	9.80×10^8	7	30	1.80×10^9
40-50	3.99×10^8	0.3	5.32×10^8	0.4	40	5.31×10^7
50-60	1.33×10^8	0.1	1.33×10	0.1	50	2.66×10^7

SURFACE AREA

$6.06 \times 10^9 m^2$

TOTAL VOL.

$1,33 \times 10^{11} m^3$

MEAN DEPTH

21.9 m

38°N 70°W

SURFACE AREA

$9.54 \times 10^9 m^2$

TOTAL VOL.

$1.91 \times 10^{12} m^3$

MEAN DEPTH

200 m

DEPTH INTERVAL (m)	INTERVAL VOLUME (m^3)	% OF TOTAL	CUMULATIVE VOLUME (m^3)	CUM. %	DEPTH (m)	AREA (m^2)
0-10	9.54×10^{10}	5	1.91×10^{12}	100	0	9.54×10^9
10-20	9.54×10^{10}	5	1.81×10^{12}	95	10	9.54×10^9
20-30	9.54×10^{10}	5	1.72×10^{12}	90	20	9.54×10^9
30-40	9.54×10^{10}	5	1.62×10^{12}	85	30	9.54×10^9
40-50	9.54×10^{10}	5	1.53×10^{12}	80	40	9.54×10^9
50-60	9.54×10^{10}	5	1.43×10^{12}	75	50	9.54×10^9
60-70	9.54×10^{10}	5	1.34×10^{12}	70	60	9.54×10^9
70-80	9.54×10^{10}	5	1.24×10^{12}	65	70	9.54×10^9
80-90	9.54×10^{10}	5	1.14×10^{12}	60	80	9.54×10^9
90-100	9.54×10^{10}	5	1.05×10^{12}	55	90	9.54×10^9
100-110	9.54×10^{10}	5	9.54×10^{11}	50	100	9.54×10^9
110-120	9.54×10^{10}	5	8.59×10^{11}	45	110	9.54×10^9
120-130	9.54×10^{10}	5	7.63×10^{11}	40	120	9.54×10^9
130-140	9.54×10^{10}	5	6.68×10^{11}	35	130	9.54×10^9
140-150	9.54×10^{10}	5	5.72×10^{11}	30	140	9.54×10^9
150-160	9.54×10^{10}	5	4.77×10^{11}	25	150	9.54×10^9
160-170	9.54×10^{10}	5	3.82×10^{11}	20	160	9.54×10^9
170-180	9.54×10^{10}	5	2.86×10^{11}	15	170	9.54×10^9
180-190	9.54×10^{10}	5	1.91×10^{11}	10	180	9.54×10^9
190-200	9.54×10^{10}	5	9.54×10^{10}	5	190	9.54×10^9
					200	9.54×10^9

38°N 71°W

SURFACE AREA

$9.52 \times 10^9 m^2$

TOTAL VOL.

$1.90 \times 10^{12} m^3$

MEAN DEPTH

200 m

DEPTH INTERVAL (m)	INTERVAL VOLUME (m^3)	% OF TOTAL	CUMULATIVE VOLUME (m^3)	CUM. %	DEPTH (m)	AREA (m^2)
0-10	9.52×10^{10}	5	1.90×10^{12}	100	0	9.52×10^9
10-20	9.52×10^{10}	5	1.81×10^{12}	95	10	9.52×10^9
20-30	9.52×10^{10}	5	1.71×10^{12}	90	20	9.52×10^9
30-40	9.52×10^{10}	5	1.62×10^{12}	85	30	9.52×10^9
40-50	9.52×10^{10}	5	1.52×10^{12}	80	40	9.52×10^9
50-60	9.52×10^{10}	5	1.43×10^{12}	75	50	9.52×10^9
60-70	9.52×10^{10}	5	1.33×10^{12}	70	60	9.52×10^9
70-80	9.52×10^{10}	5	1.24×10^{12}	65	70	9.52×10^9
80-90	9.52×10^{10}	5	1.14×10^{12}	60	80	9.52×10^9
90-100	9.52×10^{10}	5	1.05×10^{12}	55	90	9.52×10^9
100-110	9.52×10^{10}	5	9.52×10^{11}	50	100	9.52×10^9
110-120	9.52×10^{10}	5	8.57×10^{11}	45	110	9.52×10^9
120-130	9.52×10^{10}	5	7.62×10^{11}	40	120	9.52×10^9
130-140	9.52×10^{10}	5	6.66×10^{11}	34	130	9.52×10^9
140-150	9.52×10^{10}	5	5.71×10^{11}	30	140	9.52×10^9
150-160	9.52×10^{10}	5	4.76×10^{11}	25	150	9.52×10^9
160-170	9.52×10^{10}	5	3.81×10^{11}	20	160	9.52×10^9
170-180	9.52×10^{10}	5	2.86×10^{11}	15	170	9.52×10^9
180-190	9.52×10^{10}	5	1.90×10^{11}	10	180	9.52×10^9
190-200	9.52×10^{10}	5	9.52×10^{10}	5	190	9.52×10^9
					200	9.52×10^9

$38^0N\ 72^0W$

SURFACE AREA

$9.45 \times 10^9 m^2$

TOTAL VOL.

$1.87 \times 10^{12} m^3$

MEAN DEPTH

198.1 m

DEPTH INTERVAL (m)	INTERVAL VOLUME (m^3)	% OF TOTAL	CUMULATIVE VOLUME (m^3)	CUM. %	DEPTH (m)	AREA (m^2)
0-10	9.45×10^{10}	5	1.87×10^{12}	100	0	9.45×10^9
10-20	9.44×10^{10}	5	1.78×10^{12}	95	10	9.44×10^9
20-30	9.43×10^{10}	5	1.68×10^{12}	90	20	9.43×10^9
30-40	9.43×10^{10}	5	1.59×10^{12}	85	30	9.43×10^9
40-50	9.42×10^{10}	5	1.49×10^{12}	80	40	9.42×10^9
50-60	9.41×10^{10}	5	1.40×10^{12}	75	50	9.41×10^9
60-70	9.40×10^{10}	5	1.31×10^{12}	70	60	9.40×10^9
70-80	9.39×10^{10}	5	1.21×10^{12}	65	70	9.39×10^9
80-90	9.39×10^{10}	5	1.12×10^{12}	60	80	9.39×10^9
90-100	9.38×10^{10}	5	1.02×10^{12}	55	90	9.38×10^9
100-110	9.36×10^{10}	5	9.31×10^{11}	50	100	9.37×10^9
110-120	9.33×10^{10}	5	8.37×10^{11}	45	110	9.34×10^9
120-130	9.31×10^{10}	5	7.44×10^{11}	40	120	9.31×10^9
130-140	9.31×10^{10}	5	6.51×10^{11}	35	130	9.31×10^9
140-150	9.30×10^{10}	5	5.57×10^{11}	30	140	9.30×10^9
150-160	9.30×10^{10}	5	4.64×10^{11}	25	150	9.30×10^9
160-170	9.29×10^{10}	5	3.71×10^{11}	20	160	9.29×10^9
170-180	9.29×10^{10}	5	2.79×10^{11}	15	170	9.29×10^9
180-190	9.28×10^{10}	5	1.86×10^{11}	10	180	9.28×10^9
190-200	9.28×10^{10}	5	9.28×10^{10}	5	190	9.28×10^9
					200	9.27×10^9

38°N 73°W

SURFACE AREA

$9.28 \times 10^9 m^2$

TOTAL VOL.

$1.14 \times 10^{12} m^3$

MEAN DEPTH

122.8 m

DEPTH INTERVAL (m)	INTERVAL VOLUME (m^3)	% OF TOTAL	CUMULATIVE VOLUME (m^3)	CUM. %
0-10	9.26×10^{10}	8	1.14×10^{12}	100
10-20	9.21×10^{10}	8	1.05×10^{12}	92
20-30	9.17×10^{10}	8	9.55×10^{11}	84
30-40	9.12×10^{10}	8	8.63×10^{11}	76
40-50	8.61×10^{10}	7.6	7.72×10^{11}	68
50-60	7.64×10^{10}	6.7	6.86×10^{11}	60
60-70	6.66×10^{10}	5.8	6.09×10^{11}	53
70-80	5.66×10^{10}	5.0	5.43×10^{11}	48
80-90	5.02×10^{10}	4.4	4.86×10^{11}	43
90-100	4.74×10^{10}	4.2	4.36×10^{11}	38
100-110	4.46×10^{10}	3.9	3.88×10^{11}	34
110-120	4.18×10^{10}	3.7	3.44×10^{11}	30
120-130	3.98×10^{10}	3.5	3.02×10^{11}	26
130-140	3.85×10^{10}	3.4	2.62×10^{11}	23
140-150	3.78×10^{10}	3.3	2.24×10^{11}	20
150-160	3.77×10^{10}	3.3	1.86×10^{11}	16
160-170	3.76×10^{10}	3.3	1.48×10^{11}	13
170-180	3.73×10^{10}	3.3	1.11×10^{11}	10
180-190	3.69×10^{10}	3.2	7.33×10^{10}	6
190-200	3.64×10^{10}	3	3.64×10^{10}	3

DEPTH (m)	AREA (m^2)
0	9.28×10^9
10	9.23×10^9
20	9.12×10^9
30	9.14×10^9
40	9.09×10^9
50	8.12×10^9
60	7.15×10^9
70	6.16×10^9
80	5.16×10^9
90	4.88×10^9
100	4.60×10^9
110	4.32×10^9
120	4.04×10^9
130	3.91×10^9
140	3.78×10^9
150	3.78×10^9
160	3.77×10^9
170	3.74×10^9
180	3.71×10^9
190	3.66×10^9
200	3.61×10^9

$38^0N\ 74^0W$

SURFACE AREA

$8.98 \times 10^9 m^2$

TOTAL VOL.

$3.19 \times 10^{11} m^3$

MEAN DEPTH

35.5 m

DEPTH INTERVAL (m)	INTERVAL VOLUME (m^3)	% OF TOTAL	CUMULATIVE VOLUME (m^3)	CUM. %	DEPTH (m)	AREA (m^2)
0-10	8.58×10^{10}	27	3.19×10^{11}	100	0	8.98×10^9
10-20	7.76×10^{10}	24	2.33×10^{11}	73	10	8.17×10^9
20-30	6.33×10^{10}	20	1.56×10^{11}	42	20	7.35×10^9
30-40	4.28×10^{10}	13	9.23×10^{10}	29	30	5.30×10^9
40-50	2.60×10^{10}	8	4.95×10^{10}	16	40	3.25×10^9
50-60	1.28×10^{10}	4	2.35×10^{10}	7	50	1.94×10^9
60-70	5.04×10^9	1.6	1.07×10^{10}	3	60	6.25×10^8
70-80	2.61×10^9	.8	5.62×10^9	2	70	3.82×10^8
80-90	1.23×10^9	.4	3.01×10^9	.9	80	1.39×10^8
90-100	9.08×10^8	.3	1.78×10^9	.6	90	1.07×10^8
100-110	5.75×10^8	.2	8.70×10^8	.3	100	7.46×10^7
110-120	2.33×10^8	.07	2.95×10^8	.1	110	4.04×10^7
120-130	4.66×10^7	.01	6.22×10^8	.02	120	6.21×10^6
130-140	1.56×10^7	.01	1.56×10^7	.01	130	3.11×10^6

39°N 69°W

SURFACE AREA

$9.42 \times 10^9 m^2$

TOTAL VOL.

$1.87 \times 10^{12} m^3$

MEAN DEPTH

198.1 m

DEPTH INTERVAL (m)	INTERVAL VOLUME (m^3)	% OF TOTAL	CUMULATIVE VOLUME (m^3)	CUM. %	DEPTH (m)	AREA (m^2)
0-10	9.42×10^{10}	5	1.87×10^{12}	100	0	9.42×10^9
10-20	9.42×10^{10}	5	1.77×10^{12}	95	10	9.42×10^9
20-30	9.41×10^{10}	5	1.68×10^{12}	90	20	9.41×10^9
30-40	9.41×10^{10}	5	1.58×10^{12}	85	30	9.41×10^9
40-50	9.41×10^{10}	5	1.49×10^{12}	80	40	9.41×10^9
50-60	9.40×10^{10}	5	1.39×10^{12}	75	50	9.40×10^9
60-70	9.40×10^{10}	5	1.30×10^{12}	70	60	9.40×10^9
70-80	9.40×10^{10}	5	1.21×10^{12}	65	70	9.40×10^9
80-90	9.39×10^{10}	5	1.11×10^{12}	60	80	9.39×10^9
90-100	9.39×10^{10}	5	1.02×10^{12}	55	90	9.39×10^9
100-110	9.39×10^{10}	5	9.25×10^{11}	50	100	9.39×10^9
110-120	9.37×10^{10}	5	8.31×10^{11}	45	110	9.38×10^9
120-130	9.37×10^{10}	5	7.37×10^{11}	40	120	9.38×10^9
130-140	9.35×10^{10}	5	6.44×10^{11}	35	130	9.36×10^9
140-150	9.30×10^{10}	5	5.50×10^{11}	30	140	9.33×10^9
150-160	9.22×10^{10}	5	4.57×10^{11}	25	150	9.26×10^9
160-170	9.17×10^{10}	5	3.65×10^{11}	20	160	9.18×10^9
170-180	9.14×10^{10}	5	2.73×10^{11}	15	170	9.15×10^9
180-190	9.11×10^{10}	5	1.82×10^{11}	10	180	9.12×10^9
190-200	9.08×10^{10}	5	9.08×10^{10}	5	190	9.09×10^9
					200	9.06×10^9

39°N 70°W

SURFACE AREA

$9.41 \times 10^9 m^2$

TOTAL VOL.

$1.88 \times 10^{12} m^3$

MEAN DEPTH

199.8 m

DEPTH INTERVAL (m)	INTERVAL VOLUME (m^3)	% OF TOTAL	CUMULATIVE VOLUME (m^3)	CUM. %	DEPTH (m)	AREA (m^2)
0-10	9.41×10^{10}	5	1.88×10^{12}	100	0	9.41×10^9
10-20	9.41×10^{10}	5	1.79×10^{12}	95	10	9.41×10^9
20-30	9.41×10^{10}	5	1.69×10^{12}	90	20	9.41×10^9
30-40	9.41×10^{10}	5	1.60×10^{12}	85	30	9.41×10^9
40-50	9.41×10^{10}	5	1.50×10^{12}	80	40	9.41×10^9
50-60	9.40×10^{10}	5	1.41×10^{12}	75	50	9.40×10^9
60-70	9.40×10^{10}	5	1.32×10^{12}	70	60	9.40×10^9
70-80	9.40×10^{10}	5	1.22×10^{12}	65	70	9.40×10^9
80-90	9.40×10^{10}	5	1.13×10^{12}	60	80	9.40×10^9
90-100	9.40×10^{10}	5	1.03×10^{12}	55	90	9.40×10^9
100-110	9.40×10^{10}	5	9.39×10^{11}	50	100	9.40×10^9
110-120	9.40×10^{10}	5	8.45×10^{11}	45	110	9.40×10^9
120-130	9.40×10^{10}	5	7.51×10^{11}	40	120	9.40×10^9
130-140	9.40×10^{10}	5	6.57×10^{11}	35	130	9.40×10^9
140-150	9.39×10^{10}	5	5.63×10^{11}	30	140	9.39×10^9
150-160	9.39×10^{10}	5	4.69×10^{11}	25	150	9.39×10^9
160-170	9.39×10^{10}	5	3.76×10^{11}	20	160	9.39×10^9
170-180	9.39×10^{10}	5	2.82×10^{11}	15	170	9.39×10^9
180-190	9.39×10^{10}	5	1.88×10^{11}	10	180	9.39×10^9
190-200	9.38×10^{10}	5	9.39×10^{10}	5	190	9.39×10^9
					200	9.37×10^9

39^0N 71^0W

SURFACE AREA

$1.00 \times 10^{10} m^2$

TOTAL VOL.

$1.93 \times 10^{12} m^3$

MEAN DEPTH

193.5 m

DEPTH INTERVAL (m)	INTERVAL VOLUME (m^3)	% OF TOTAL	CUMULATIVE VOLUME (m^3)	CUM. %	DEPTH (m)	AREA (m^2)
0-10	1.00×10^{11}	5.2	1.93×10^{12}	100	0	1.00×10^{10}
10-20	9.98×10^{10}	5.2	1.83×10^{12}	95	10	9.99×10^{9}
20-30	9.97×10^{10}	5.2	1.73×10^{12}	89	20	9.97×10^{9}
30-40	9.95×10^{10}	5.1	1.64×10^{12}	85	30	9.96×10^{9}
40-50	9.94×10^{10}	5.1	1.54×10^{12}	80	40	9.94×10^{9}
50-60	9.93×10^{10}	5.1	1.44×10^{12}	74	50	9.93×10^{9}
60-70	9.91×10^{10}	5.1	1.34×10^{12}	69	60	9.92×10^{9}
70-80	9.90×10^{10}	5.1	1.24×10^{12}	64	70	9.90×10^{9}
80-90	9.88×10^{10}	5.1	1.14×10^{12}	59	80	9.89×10^{9}
90-100	9.87×10^{10}	5.1	1.04×10^{12}	54	90	9.87×10^{9}
100-110	9.81×10^{10}	5.1	9.41×10^{11}	49	100	9.86×10^{9}
110-120	9.71×10^{10}	5.0	8.43×10^{11}	44	110	9.76×10^{9}
120-130	9.62×10^{10}	5.0	7.46×10^{11}	39	120	9.65×10^{9}
130-140	9.54×10^{10}	4.9	6.50×10^{11}	34	130	9.58×10^{9}
140-150	9.47×10^{10}	4.9	5.54×10^{11}	29	140	9.50×10^{9}
150-160	9.41×10^{10}	4.9	4.60×10^{11}	24	150	9.44×10^{9}
160-170	9.36×10^{10}	4.8	3.66×10^{11}	19	160	9.37×10^{9}
170-180	9.32×10^{10}	4.8	2.72×10^{11}	14	170	9.34×10^{9}
180-190	9.12×10^{10}	4.7	1.79×10^{11}	9.3	180	9.30×10^{9}
190-200	8.76×10^{10}	4.5	8.76×10^{10}	4.5	190	8.94×10^{9}
					200	8.58×10^{9}

$39^0N\ 72^0W$

SURFACE AREA

$9.44 \times 10^9 m^2$

TOTAL VOL.

$1.12 \times 10^{12} m^3$

MEAN DEPTH

118.6 m

DEPTH INTERVAL (m)	INTERVAL VOLUME (m^3)	% OF TOTAL	CUMULATIVE VOLUME (m^3)	CUM. %	DEPTH (m)	AREA (m^2)
0-10	9.37×10^{10}	8.4	1.12×10^{12}	100	0	9.44×10^9
10-20	9.23×10^{10}	8.2	1.02×10^{12}	91	10	9.30×10^9
20-30	9.08×10^{10}	8.1	9.29×10^{11}	83	20	9.15×10^9
30-40	8.94×10^{10}	8.0	8.39×10^{11}	75	30	9.01×10^9
40-50	8.80×10^{10}	7.9	7.49×10^{11}	67	40	8.87×10^9
50-60	8.65×10^{10}	7.7	6.61×10^{11}	59	50	8.72×10^9
60-70	7.97×10^{10}	7.1	5.75×10^{11}	51	60	8.58×10^9
70-80	6.74×10^{10}	6.0	4.95×10^{11}	44	70	7.35×10^9
80-90	5.76×10^{10}	5	4.28×10^{11}	38	80	6.12×10^9
90-100	5.02×10^{10}	4.5	3.70×10^{11}	33	90	5.39×10^9
100-110	4.48×10^{10}	4	3.20×10^{11}	29	100	4.65×10^9
110-120	4.12×10^{10}	3.7	2.75×10^{11}	25	110	4.30×10^9
120-130	3.74×10^{10}	3.3	2.34×10^{11}	21	120	3.94×10^9
130-140	3.34×10^{10}	3.0	1.96×10^{11}	18	130	3.54×10^9
140-150	3.05×10^{10}	2.7	1.63×10^{11}	15	140	3.14×10^9
150-160	2.85×10^{10}	2.5	1.33×10^{11}	12	150	2.95×10^9
160-170	2.71×10^{10}	2.4	1.04×10^{11}	9.3	160	2.75×10^9
170-180	2.63×10^{10}	2.4	7.69×10^{10}	6.9	170	2.67×10^9
180-190	2.56×10^{10}	2.3	5.06×10^{10}	4.5	180	2.59×10^9
190-200	2.50×10	2.2	2.50×10^{10}	2.2	190	2.53×10^9
					200	2.47×10^9

39°N 73°W

SURFACE AREA

$9.25 \times 10^9 m^2$

TOTAL VOL.

$3.94 \times 10^{11} m^3$

MEAN DEPTH

42.6 m

DEPTH INTERVAL (m)	INTERVAL VOLUME (m^3)	% OF TOTAL	CUMULATIVE VOLUME (m^3)	CUM. %	DEPTH (m)	AREA (m^2)
0-10	9.24×10^{10}	23	3.94x10	100	0	9.25×10^9
10-20	9.22×10^{10}	23	3.02x10	77	10	9.23×10^9
20-30	8.02×10^{10}	20	2.09x10	53	20	9.20×10^9
30-40	5.66×10^{10}	14	1.29x10	33	30	6.84×10^9
40-50	3.70×10^{10}	9	7.25x10	18	40	4.47×10^9
50-60	2.16×10^{10}	5	3.55x10	9	50	2.93×10^9
60-70	1.04×10^{10}	2.6	1.39x10	3.5	60	1.38×10^9
70-80	3.48×10^9	.9	3.51x10	.9	70	6.92×10^8
80-90	3.25×10^7	.01	3.25x10	.01	80	4.33×10^6
					90	2.17×10^6

39^0N 74^0W

DEPTH INTERVAL (m)	INTERVAL VOLUME (m^3)	% OF TOTAL	CUMULATIVE VOLUME (m^3)	CUM. %	DEPTH (m)	AREA (m^2)
0-10	2.79×10^{10}	45	6.17×10^{10}	100	0	3.23×10^9
10-20	1.91×10^{10}	31	3.38×10^{10}	55	10	2.35×10^9
20-30	1.10×10^{10}	18	1.47×10^{10}	24	20	1.46×10^9
30-40	3.74×10^9	6	3.74×10^9	6	30	7.48×10^8

SURFACE AREA

$3.23 \times 10^9 m^2$

TOTAL VOL.

$6.17 \times 10^{10} m^3$

MEAN DEPTH

19.1 m

40^0N 68^0W

SURFACE AREA

$9.21 \times 10^9 m^2$

TOTAL VOL.

$9.70 \times 10^{11} m^3$

MEAN DEPTH

105.4 m

DEPTH INTERVAL	INTERVAL VOLUME (m^3)	% OF TOTAL	CUMULATIVE VOLUME (m^3)	CUM. %	DEPTH (m)	AREA (m^2)
0-10	9.07×10^{10}	9	9.70×10^{11}	100	0	9.21×10^9
10-20	8.80×10^{10}	9	8.80×10^{11}	91	10	8.93×10^9
20-30	8.52×10^{10}	8.8	7.92×10^{11}	82	20	8.66×10^9
30-40	8.24×10^{10}	8.5	7.07×10^{11}	73	30	8.38×10^9
40-50	7.97×10^{10}	8.2	6.24×10^{11}	64	40	8.10×10^9
50-60	7.69×10^{10}	8	5.44×10^{11}	56	50	7.83×10^9
60-70	6.93×10^{10}	7	4.68×10^{11}	48	60	7.55×10^9
70-80	5.68×10^{10}	6	3.98×10^{11}	41	70	6.30×10^9
80-90	4.71×10^{10}	5	3.41×10^{11}	35	80	5.05×10^9
90-100	4.02×10^{10}	4	2.94×10^{11}	30	90	4.36×10^9
100-110	3.52×10^{10}	3.6	2.54×10^{11}	26	100	3.67×20^9
110-120	3.22×10^{10}	3.3	2.19×10^{11}	23	110	3.37×10^9
120-130	2.96×10^{10}	3	1.87×10^{11}	19	120	3.07×10^9
130-140	2.72×10^{10}	2.8	1.57×10^{11}	16	130	2.84×10^9
140-150	2.51×10^{10}	2.6	1.30×10^{11}	13	140	2.60×10^9
150-160	2.32×10^{10}	2.4	1.05×10^{11}	11	150	2.41×10^9
160-170	2.17×10^{10}	2.2	8.16×10^{10}	8	160	2.22×10^9
170-180	2.07×10^{10}	2.1	5.99×10^{10}	6	170	2.12×10^9
180-190	1.99×10^{10}	2.1	3.92×10^{10}	4	180	2.02×10^9
190-200	1.93×10	2	1.93×10^{10}	2	190	1.96×10^9
					200	1.89×10^9

40^0N 69^0W

SURFACE AREA

$9.15 \times 10^9 m^2$

TOTAL VOL.

$6.82 \times 10^{11} m^3$

MEAN DEPTH

74.5 m

DEPTH INTERVAL (m)	INTERVAL VOLUME (m^3)	% OF TOTAL	CUMULATIVE VOLUME (m^3)	CUM. %	DEPTH (m)	AREA (m^2)
0-10	9.13×10^{10}	13	6.82×10^{11}	100	0	9.15×10^9
10-20	9.07×10^{10}	13	5.91×10^{11}	87	10	9.10×10^9
20-30	8.80×10^{10}	13	5.00×10^{11}	73	20	9.04×10^9
30-40	8.32×10^{10}	12	4.12×10^{11}	60	30	8.56×10^9
40-50	7.63×10^{10}	11	3.29×10^{11}	48	40	7.18×10^9
50-60	6.73×10^{10}	10	2.53×10^{11}	37	50	7.18×10^9
60-70	5.51×10^{10}	8	1.86×10^{11}	27	60	6.28×10^9
70-80	3.97×10^{10}	6	1.31×10^{11}	19	70	4.74×10^9
80-90	2.74×10^{10}	4	9.08×10^{10}	13	80	3.20×10^9
90-100	1.82×10^{10}	3	6.34×10^{10}	9	90	2.28×10^9
100-110	1.20×10^{10}	2	4.52×10^{10}	6.6	100	1.35×10^9
110-120	8.85×10^9	1.3	3.32×10^{10}	4.9	110	1.04×10^9
120-130	6.45×10^9	1.0	2.44×10^{10}	3.6	120	7.30×10^8
130-140	4.75×10^9	0.7	1.79×10^{10}	2.6	130	5.60×10^8
140-150	3.49×10^9	0.5	1.32×10^{10}	1.9	140	3.90×10^8
150-160	2.67×10^9	0.4	9.69×10^9	1.4	150	3.05×10^8
160-170	2.12×10^9	0.3	7.02×10^9	1.0	160	2.25×10^8
170-180	1.86×10^9	0.3	4.90×10^9	0.7	170	1.99×10^8
180-190	1.63×10^9	0.2	3.04×10^9	0.5	180	1.73×10^8
190-200	1.41×10^9	0.2	1.41×10^9	0.2	190	1.52×10^8
					200	1.30×10^8

40^0N 70^0W

SURFACE AREA

$9.29 \times 10^9 m^2$

TOTAL VOL.

$7.85 \times 10^{11} m^3$

MEAN DEPTH

84.5 m

DEPTH INTERVAL (m)	INTERVAL VOLUME (m^3)	% OF TOTAL	CUMULATIVE VOLUME (m^3)	CUM. %
0-10	9.29×10^{10}	12	7.85×10^{11}	100
10-20	9.27×10^{10}	12	6.92×10^{11}	88
20-30	9.13×10^{10}	.12	5.99×10^{11}	76
30-40	8.86×10^{10}	11	5.08×10^{11}	65
40-50	8.07×10^{10}	10	4.20×10^{11}	54
50-60	6.77×10^{10}	8.6	3.39×10^{11}	43
60-70	5.57×10^{10}	7	2.71×10^{11}	35
70-80	4.47×10^{10}	5.7	2.15×10^{11}	27
80-90	3.61×10^{10}	4.6	1.71×10^{11}	22
90-100	2.97×10^{10}	3.8	1.35×10^{11}	17
100-110	2.43×10^{10}	3.1	1.05×10^{10}	13
110-120	1.98×10^{10}	2.5	8.07×10^{10}	10
120-130	1.54×10^{10}	2	6.09×10^{10}	8
130-140	1.12×10^{10}	1.4	4.55×10^{10}	6
140-150	8.35×10^{9}	1	3.43×10^{10}	4
150-160	7.03×10^{9}	.9	2.59×10^{10}	3
160-170	5.94×10^{9}	.8	1.89×10^{10}	2
170-180	5.10×10^{9}	.7	1.29×10^{10}	1.6
180-190	4.36×10^{9}	.6	7.83×10^{9}	1
190-200	3.47×10^{9}	.4	3.47×10^{9}	.4

DEPTH (m)	AREA (m^2)
0	9.29×10^{9}
10	9.28×10^{9}
20	9.26×10^{9}
30	8.99×10^{9}
40	8.72×10^{9}
50	7.42×10^{9}
60	6.12×10^{9}
70	5.02×10^{9}
80	3.92×10^{9}
90	3.29×10^{9}
100	2.65×10^{9}
110	2.20×10^{9}
120	1.75×10^{9}
130	1.33×10^{9}
140	9.01×10^{6}
150	7.69×10^{8}
160	6.36×10^{8}
170	5.52×10^{8}
180	4.67×10^{8}
190	4.05×10^{8}
200	3.42×10^{8}

40^0N 71^0W

SURFACE AREA

$9.32 \times 10^9 m^2$

TOTAL VOL.

$7.11 \times 10^{11} m^3$

MEAN DEPTH

76.3 m

DEPTH INTERVAL (m)	INTERVAL VOLUME (m^3)	% OF TOTAL	CUMULATIVE VOLUME (m^3)	CUM. %	DEPTH (m)	AREA (m^2)
0-10	9.32×10^{10}	13	7.11×10^{11}	100	0	9.32×10^9
10-20	9.32×10^{10}	13	6.18×10^{10}	87	10	9.32×10^9
20-30	9.25×10^{10}	13	5.25×10^{10}	74	20	9.31×10^9
30-40	9.12×10^{10}	13	4.32×10^{10}	61	30	9.18×10^9
40-50	8.54×10^{10}	12	3.41×10^{10}	48	40	9.05×10^9
50-60	7.52×10^{10}	11	2.56×10^{10}	36	50	8.03×10^9
60-70	5.99×10^{10}	8	1.80×10^{10}	25	60	7.00×10^9
70-80	3.97×10^{10}	6	1.21×10^{10}	17	70	4.98×10^9
80-90	2.44×10^{10}	3	8.09×10^{10}	11	80	2.96×10^9
90-100	1.40×10^{10}	2	5.65×10^{10}	8	90	1.92×10^9
100-110	8.26×10^9	1.2	4.25×10^{10}	6	100	8.81×10^8
110-120	7.14×10^9	1	3.42×10^{10}	5	110	7.70×10^8
120-130	6.00×10^9	.8	2.71×10^{10}	4	120	6.58×10^8
130-140	4.84×10^9	.7	2.11×10^{10}	3	130	5.42×10^8
140-150	3.93×10^9	.6	1.62×10^{10}	2	140	4.25×10^8
150-160	3.28×10^9	.5	1.23×10^{10}	1.7	150	3.60×10^8
160-170	2.77×10^9	.4	9.02×10^9	1.3	160	2.95×10^8
170-180	2.40×10^9	.3	6.25×10^9	.9	170	2.58×10^8
180-190	2.07×10^9	.3	3.85×10^9	.5	180	2.21×10^8
190-200	1.78×10^9	.3	1.78×10^9	.3	190	1.92×10^8
					200	1.63×10^8

40°N 72°W

SURFACE AREA

$7.81 \times 10^9 m^2$

TOTAL VOL.

$3.86 \times 10^{11} m^3$

MEAN DEPTH

49.4 m

DEPTH INTERVAL (m)	INTERVAL VOLUME (m^3)	% OF TOTAL	CUMULATIVE VOLUME (m^3)	CUM. %	DEPTH (m)	AREA (m^2)
0-10	7.77×10^{10}	20	3.86×10^{11}	100	0	7.81×10^9
10-20	7.68×10^{10}	20	3.08×10^{11}	80	10	7.72×10^9
20-30	7.23×10^{10}	19	2.32×10^{11}	60	20	7.63×10^9
30-40	6.43×10^{10}	17	1.59×10^{11}	41	30	6.83×10^9
40-50	4.95×10^{10}	13	9.49×10^{10}	25	40	6.03×10^9
50-60	2.79×10^{10}	7	4.54×10^{10}	12	50	3.87×10^9
60-70	1.28×10^{10}	3	1.75×10^{10}	5	60	1.70×10^9
70-80	4.46×10^9	1.1	4.74×10^9	1.2	70	8.64×10^8
80-90	2.13×10^8	.06	2.84×10^8	.07	80	2.83×10^7
90-100	7.10×10^7	.02	7.10×10^7	.02	90	1.42×10^7

40^0N 73^0W

DEPTH INTERVAL (m)	INTERVAL VOLUME (m^3)	% OF TOTAL	CUMULATIVE VOLUME (m^3)	CUM. %	DEPTH (m)	AREA (m^2)
0-10	5.36×10^{10}	30	1.77×10^{11}	100	0	5.57×10^9
10-20	4.93×10^{10}	28	1.23×10^{11}	70	10	5.14×10^9
20-30	3.85×10^{10}	22	7.41×10^{10}	42	20	4.71×10^9
30-40	2.12×10^{10}	12	3.56×10^{10}	20	30	2.98×10^9
40-50	9.62×10^9	5	1.44×10^{10}	8	40	1.25×10^9
50-60	3.84×10^9	2	4.75×10^9	2.7	50	6.73×10^8
60-70	6.67×10^8	.4	9.06×10^8	.5	60	9.56×10^7
70-80	2.39×10^8	.1	2.39×10^8	.1	70	4.78×10^7

SURFACE AREA

$5.57 \times 10^9 m^2$

TOTAL VOL.

$1.77 \times 10^{11} m^3$

MEAN DEPTH

31.8 m

41^0N 66^0W

SURFACE AREA

$9.17 \times 10^9 m^2$

TOTAL VOL.

$7.68 \times 10^{11} m^3$

MEAN DEPTH

83.7 m

DEPTH INTERVAL (m)	INTERVAL VOLUME (m^3)	% OF TOTAL	CUMULATIVE VOLUME (m^3)	CUM. %
0-10	9.17×10^{10}	12	7.86×10^{11}	100
10-20	9.16×10^{10}	12	6.76×10^{11}	88
20-30	9.16×10^{10}	12	5.84×10^{11}	76
30-40	9.15×10^{10}	12	4.93×10^{11}	64
40-50	9.14×10^{10}	12	4.01×10^{11}	52
50-60	9.14×10^{10}	12	3.10×10^{11}	40
60-70	8.22×10^{10}	11	2.18×10^{11}	28
70-80	6.41×10^{10}	8.4	1.36×10^{11}	18
80-90	4.54×10^{10}	5.9	7.20×10^{10}	9.4
90-100	2.66×10^{10}	3.5	2.66×10^{10}	3.5

DEPTH (m)	AREA (m^2)
0	9.17×10^9
10	9.16×10^9
20	9.16×10^9
30	9.15×10^9
40	9.14×10^9
50	9.14×10^9
60	9.13×10^9
70	7.31×10^9
80	5.48×10^9
90	3.60×10^9
100	1.71×10^9

41°N 67°W

SURFACE AREA

$9.39 \times 10^9 m^2$

TOTAL VOL.

$4.08 \times 10^{11} m^3$

MEAN DEPTH

43.4 m

DEPTH INTERVAL (m)	INTERVAL VOLUME (m^3)	% OF TOTAL	CUMULATIVE VOLUME (m^3)	CUM. %
0-10	9.00×10^{10}	22	4.08×10^{11}	100
10-20	8.22×10^{10}	20	3.18×10^{11}	78
20-30	7.44×10^{10}	18	2.35×10^{11}	58
30-40	6.66×10^{10}	16	1.61×10^{11}	39
40-50	5.05×10^{10}	12	9.45×10^{10}	23
50-60	2.60×10^{10}	6.4	4.40×10^{10}	11
60-70	1.05×10^{10}	2.6	1.80×10^{10}	4.4
70-80	4.69×10^{9}	1.2	7.45×10^{9}	1.8
80-90	1.53×10^{9}	0.4	2.76×10^{9}	0.7
90-100	1.23×10^{9}	0.3	1.23×10^{9}	0.3

DEPTH (m)	AREA (m^2)
0	9.39×10^9
10	8.61×10^9
20	7.83×10^9
30	7.05×10^9
40	6.27×10^9
50	3.82×10^9
60	1.37×10^9
70	7.69×10^8
80	1.68×10^8
90	1.38×10^8
100	1.08×10^8

$41^0N\ 68^0W$

SURFACE AREA

$9.20 \times 10^9 m^2$

TOTAL VOL.

$6.75 \times 10^{11} m^3$

MEAN DEPTH

73.3 m

DEPTH INTERVAL (m)	INTERVAL VOLUME (m^3)	% OF TOTAL	CUMULATIVE VOLUME (m^3)	CUM. %
0-10	9.07×10^{10}	13	6.75×10^{11}	100
10-20	8.82×10^{10}	13	5.84×10^{11}	87
20-30	8.56×10^{10}	13	4.96×10^{11}	74
30-40	8.30×10^{10}	12	4.10×10^{11}	61
40-50	7.55×10^{10}	11	3.27×10^{11}	48
50-60	6.31×10^{10}	9.4	2.52×10^{11}	37
60-70	5.44×10^{10}	8.1	1.89×10^{11}	28
70-80	4.92×10^{10}	7.3	1.34×10^{11}	20
80-90	4.46×10^{10}	6.6	8.51×10^{10}	13
90-100	4.05×10^{10}	6	4.05×10^{10}	6

DEPTH (m)	AREA (m^2)
0	9.20×10^9
10	8.94×10^9
20	8.69×10^9
30	8.43×10^9
40	8.17×10^9
50	6.93×10^9
60	5.69×10^9
70	5.18×10^9
80	4.66×10^9
90	4.25×10^9
100	3.84×10^9

41°N 69°W

SURFACE AREA

$9.16 \times 10^{9} m^{2}$

TOTAL VOL.

$5.79 \times 10^{11} m^{3}$

MEAN DEPTH

63.2 m

DEPTH INTERVAL (m)	INTERVAL VOLUME (m^3)	% OF TOTAL	CUMULATIVE VOLUME (m^3)	CUM. %	DEPTH (m)	AREA (m^2)
0-10	8.74×10^{10}	15	5.79×10^{11}	100	0	9.16×10^{9}
10-20	7.90×10^{10}	14	4.91×10^{11}	85	10	8.32×10^{9}
20-30	7.06×10^{10}	12	4.12×10^{11}	71	20	7.48×10^{9}
30-40	6.21×10^{10}	11	3.42×10^{11}	59	30	6.63×10^{9}
40-50	5.57×10^{10}	9.6	2.80×10^{11}	48	40	5.79×10^{9}
50-60	5.13×10^{10}	8.9	2.24×10^{11}	39	50	5.35×10^{9}
60-70	4.77×10^{10}	8.2	1.73×10^{11}	30	60	4.91×10^{9}
70-80	4.49×10^{10}	7.8	1.25×10^{11}	22	70	4.63×10^{9}
80-90	4.17×10^{10}	7.2	8.00×10^{10}	14	80	4.34×10^{9}
90-100	3.83×10^{10}	6.6	3.83×10^{10}	6.6	90	4.00×10^{9}
					100	3.66×10^{9}

41^0N 70^0W

DEPTH INTERVAL (m)	INTERVAL VOLUME (m^3)	% OF TOTAL	CUMULATIVE VOLUME (m^3)	CUM. %	DEPTH (m)	AREA (m^2)
0-10	2.94×10^{10}	32	9.27×10^{10}	100	0	3.06×10^9
10-20	2.69×10^{10}	29	6.33×10^{10}	68	10	2.81×10^9
20-30	2.06×10^{10}	22	3.64×10^{10}	39	20	2.56×10^9
30-40	1.04×10^{10}	11	1.58×10^{10}	17	30	1.55×10^9
40-50	4.02×10^9	14	5.37×10^9	6	40	5.35×10^8
50-60	1.35×10^9	1.5	1.35×10^9	1.5	50	2.69×10^8

SURFACE AREA

$3.06 \times 10^9 m^2$

TOTAL VOL.

$9.27 \times 10^{11} m^3$

MEAN DEPTH

30.3 m

41^0N 71^0W

DEPTH INTERVAL (m)	INTERVAL VOLUME (m^3)	% OF TOTAL	CUMULATIVE VOLUME (m^3)	CUM. %	DEPTH (m)	AREA (m^2)
0-10	3.48×10^{10}	31	1.13×10^{11}	100	0	3.59×10^9
10-20	3.26×10^{10}	29	7.80×10^{10}	69	10	3.37×10^9
20-30	2.54×10^{10}	23	4.54×10^{10}	40	20	3.15×10^9
30-40	1.31×10^{10}	12	2.00×10^{10}	18	30	1.92×10^9
40-50	5.20×10^9	5	6.94×10^9	6	40	6.93×10^8
50-60	1.74×10^9	1,5	$1,74 \times 10^9$	1.5	50	3.47×10^8

SURFACE AREA

$3.59 \times 10^9 m^2$

TOTAL VOL.

$1.13 \times 10^{11} m^3$

MEAN DEPTH

31.4 m

42^0N 65^0W

SURFACE AREA

$9.21 \times 10^9 m^2$

TOTAL VOL.

$8.90 \times 10^{11} m^3$

MEAN DEPTH

96.6 m

DEPTH INTERVAL (m)	INTERVAL VOLUME (m^3)	% OF TOTAL	CUMULATIVE VOLUME (m^3)	CUM. %
0-10	9.21×10^{10}	10	8.90×10^{11}	100
10-20	9.20×10^{10}	10	7.89×10^{11}	90
20-30	9.19×10^{10}	10	7.06×10^{11}	79
30-40	9.18×10^{10}	10	6.14×10^{11}	69
40-50	9.16×10^{10}	10	5.22×10^{11}	59
50-60	9.15×10^{10}	10	4.31×10^{11}	48
60-70	9.14×10^{10}	10	3.39×10^{11}	38
70-80	9.13×10^{10}	10	2.48×10^{11}	28
80-90	8.47×10^{10}	9.5	1.56×10^{11}	18
90-100	7.16×10^{10}	8.1	7.16×10^{10}	8.1

DEPTH (m)	AREA (m^2)
0	9.21×10^9
10	9.20×10^9
20	9.19×10^9
30	9.18×10^9
40	9.17×10^9
50	9.15×10^9
60	9.14×10^9
70	9.13×10^9
80	9.12×10^9
90	7.81×10^9
100	6.50×10^9

42°N 66°W

SURFACE AREA

$9.09 \times 10^{9} m^{2}$

TOTAL VOL.

$8.56 \times 10^{11} m^{3}$

MEAN DEPTH

94.2 m

DEPTH INTERVAL (m)	INTERVAL VOLUME (m^3)	% OF TOTAL	CUMULATIVE VOLUME (m^3)	CUM. %
0-10	9.08×10^{10}	11	8.56×10^{11}	100
10-20	9.04×10^{10}	11	7.65×10^{11}	89
20-30	9.01×10^{10}	11	6.75×10^{11}	79
30-40	8.97×10^{10}	10	5.85×10^{11}	68
40-50	8.94×10^{10}	10	4.95×10^{11}	58
50-60	8.90×10^{10}	10	4.06×10^{11}	47
60-70	8.63×10^{10}	10	3.17×10^{11}	37
70-80	8.13×10^{10}	9.5	2.30×10^{11}	27
80-90	7.67×10^{10}	9.0	1.49×10^{11}	17
90-100	7.24×10^{10}	8.5	7.24×10^{10}	8.5

DEPTH (m)	AREA (m^2)
0	9.09×10^{9}
10	9.06×10^{9}
20	9.02×10^{9}
30	8.99×10^{9}
40	8.95×10^{9}
50	8.92×10^{9}
60	8.88×10^{9}
70	8.38×10^{9}
80	7.88×10^{9}
90	7.45×10^{9}
100	7.02×10^{9}

42°N 67°W

SURFACE AREA

$8.78 \times 10^{9} m^{2}$

TOTAL VOL.

$8.48 \times 10^{11} m^{3}$

MEAN DEPTH

96.5 m

DEPTH INTERVAL (m)	INTERVAL VOLUME (m^3)	% OF TOTAL	CUMULATIVE VOLUME (m^3)	CUM. %
0-10	8.78×10^{10}	10	8.48×10^{11}	100
10-20	8.78×10^{10}	10	7.60×10^{11}	90
20-30	8.78×10^{10}	10	6.72×10^{11}	79
30-40	8.77×10^{10}	10	5.84×10^{11}	69
40-50	8.65×10^{10}	10	4.96×10^{11}	59
50-60	8.41×10^{10}	10	4.10×10^{11}	48
60-70	8.25×10^{10}	9.7	3.26×10^{11}	38
70-80	8.17×10^{10}	9.6	2.43×10^{11}	29
80-90	8.10×10^{10}	9.6	1.62×10^{11}	19
90-100	8.06×10^{10}	9.5	8.06×10^{10}	9.5

DEPTH (m)	AREA (m^2)
0	8.78×10^{9}
10	8.78×10^{9}
20	8.78×10^{9}
30	8.77×10^{9}
40	8.77×10^{9}
50	8.53×10^{9}
60	8.29×10^{9}
70	8.21×10^{9}
80	8.12×10^{9}
90	8.08×10^{9}
100	8.04×10^{9}

42^0N 68^0W

SURFACE AREA

$8.93 \times 10^9 m^2$

TOTAL VOL.

$8.93 \times 10^{11} m^3$

MEAN DEPTH

100 m

DEPTH INTERVAL (m)	INTERVAL VOLUME (m^3)	% OF TOTAL	CUMULATIVE VOLUME (m^3)	CUM. %	DEPTH (m)	AREA (m^2)
0-10	8.93×10^{10}	10	8.93×10^{11}	100	0	8.93×10^9
10-20	8.93×10^{10}	10	8.04×10^{11}	90	10	8.93×10^9
20-30	8.93×10^{10}	10	7.14×10^{11}	80	20	8.93×10^9
30-40	8.93×10^{10}	10	6.25×10^{11}	70	30	8.93×10^9
40-50	8.93×10^{10}	10	5.36×10^{11}	60	40	8.93×10^9
50-60	8.93×10^{10}	10	4.47×10^{11}	50	50	8.93×10^9
60-70	8.93×10^{10}	10	3.57×10^{11}	40	60	8.93×10^9
70-80	8.93×10^{10}	10	2.68×10^{11}	30	70	8.93×10^9
80-90	8.93×10^{10}	10	1.79×10^{11}	20	80	8.93×10^9
90-100	8.93×10^{10}	10	8.93×10^{10}	10	90	8.93×10^9
					100	8.93×10^9

42^0N 69^0W

SURFACE AREA

$9.17 \times 10^9 m^2$

TOTAL VOL.

$9.13 \times 10^{11} m^3$

MEAN DEPTH

99.5 m

DEPTH INTERVAL (m)	INTERVAL VOLUME (m^3)	% OF TOTAL	CUMULATIVE VOLUME (m^3)	CUM. %	DEPTH (m)	AREA (m^2)
0-10	9.17×10^{10}	10	9.13×10^{11}	100	0	9.17×10^9
10-20	9.17×10^{10}	10	8.21×10^{11}	90	10	9.17×10^9
20-30	9.16×10^{10}	10	7.29×10^{11}	80	20	9.16×10^9
30-40	9.16×10^{10}	10	6.38×10^{11}	70	30	9.16×10^9
40-50	9.15×10^{10}	10	5.46×10^{11}	60	40	9.15×10^9
50-60	9.14×10^{10}	10	4.55×10^{11}	50	50	9.14×10^9
60-70	9.12×10^{10}	10	3.63×10^{11}	40	60	9.13×10^9
70-80	9.10×10^{10}	10	2.72×10^{11}	30	70	9.11×10^9
80-90	9.07×10^{10}	10	1.81×10^{11}	20	80	9.08×10^9
90-100	9.03×10^{10}	9.9	9.03×10^{10}	9.9	90	9.05×10^9

42^0 N 70^0W

SURFACE AREA

$7.42 \times 10^9 m^2$

TOTAL VOL.

$4.63 \times 10^{11} m^3$

MEAN DEPTH

62.4 m

DEPTH INTERVAL (m)	INTERVAL VOLUME (m^3)	% OF TOTAL	CUMULATIVE VOLUME (m^3)	CUM. %
0-10	7.18×10^{10}	16	4.63×10^{11}	100
10-20	6.70×10^{10}	14	3.91×10^{11}	84
20-30	6.22×10^{10}	13	3.24×10^{11}	70
30-40	5.73×10^{10}	12	2.62×10^{11}	57
40-50	5.18×10^{10}	11	2.05×10^{11}	44
50-60	4.54×10^{10}	9.8	1.53×10^{11}	33
60-70	3.82×10^{10}	8.3	1.08×10^{11}	23
70-80	3.02×10^{10}	6.5	6.94×10^{10}	15
80-90	2.29×10^{10}	4.9	3.92×10^{10}	8.5
90-100	1.63×10^{10}	3.5	1.63×10^{10}	3.5

DEPTH (m)	AREA (m^2)
0	7.42×10^9
10	6.94×10^9
20	6.46×10^9
30	5.97×10^9
40	5.49×10^9
50	4.86×10^9
60	4.22×10^9
70	3.42×10^9
80	2.61×10^9
90	1.96×10^9
100	1.30×10^9

43°N 65°W

SURFACE AREA

$5.57 \times 10^9 m^2$

TOTAL VOL.

$3.43 \times 10^{11} m^3$

MEAN DEPTH

61.5 m

DEPTH INTERVAL (m)	INTERVAL VOLUME (m^3)	%. OF TOTAL	CUMULATIVE VOLUME (m^3)	CUM. %
0-10	5.33×10^{10}	16	3.43×10^{11}	100
10-20	4.84×10^{10}	14	2.89×10^{11}	84
20-30	4.36×10^{10}	13	2.41×10^{11}	70
30-40	3.87×10^{10}	11	1.97×10^{11}	58
40-50	3.43×10^{10}	10	1.59×10^{11}	46
50-60	3.05×10^{10}	8.9	1.24×10^{11}	36
60-70	2.72×10^{10}	7.9	9.38×10^{10}	27
70-80	2.46×10^{10}	7.2	6.66×10^{10}	19
80-90	2.21×10^{10}	6.5	4.20×10^{10}	12
90-100	1.99×10^{10}	5.8	1.99×10^{10}	5.8

DEPTH (m)	AREA (m^2)
0	5.57×10^9
10	5.08×10^9
20	4.60×10^9
30	4.11×10^9
40	3.62×10^9
50	3.24×10^9
60	2.85×10^9
70	2.59×10^9
80	2.32×10^9
90	2.10×10^9
100	1.87×10^9

43°N 66°W

SURFACE AREA

$8.81 \times 10^9 m^2$

TOTAL VOL.

$7.17 \times 10^{11} m^3$

MEAN DEPTH

81.3 m

DEPTH INTERVAL (m)	INTERVAL VOLUME (m^3)	% OF TOTAL	CUMULATIVE VOLUME (m^3)	CUM. %
0-10	8.70×10^{10}	12	7.17×10^{11}	100
10-20	8.48×10^{10}	12	6.30×10^{11}	88
20-30	8.26×10^{10}	12	5.45×10^{11}	76
30-40	8.03×10^{10}	11	4.62×10^{11}	64
40-50	7.75×10^{10}	11	3.82×10^{11}	53
50-60	7.41×10^{10}	10	3.04×10^{11}	42
60-70	6.85×10^{10}	10	2.30×10^{11}	32
70-80	6.05×10^{10}	8.4	1.62×10^{11}	23
80-90	5.36×10^{10}	7.5	1.01×10^{11}	14
90-100	4.76×10^{10}	6.6	4.76×10^{10}	6.6

DEPTH (m)	AREA (m^2)
0	8.81×10^9
10	8.59×10^9
20	8.37×10^9
30	8.14×10^9
40	7.92×10^9
50	7.58×10^9
60	7.24×10^9
70	6.45×10^9
80	5.65×10^9
90	5.06×10^9
100	4.46×10^9

43^0 N 67^0W

SURFACE AREA

$8.96 \times 10^9 m^2$

TOTAL VOL.

$7.14 \times 10^{11} m^3$

MEAN DEPTH

79.7 m

DEPTH INTERVAL (m)	INTERVAL VOLUME (m^3)	% OF TOTAL	CUMULATIVE VOLUME (m^3)	CUM. %
0-10	8.78×10^{10}	12	7.14×10^{11}	100
10-20	8.42×10^{10}	12	6.26×10^{11}	88
20-30	8.05×10^{10}	11	5.42×10^{11}	76
30-40	7.69×10^{10}	11	4.62×10^{11}	65
40-50	7.32×10^{10}	10	3.85×10^{11}	54
50-60	6.96×10^{10}	10	3.11×10^{11}	44
60-70	6.59×10^{10}	9.2	2.42×10^{11}	34
70-80	6.23×10^{10}	8.7	1.76×10^{11}	25
80-90	5.86×10^{10}	8.2	1.14×10^{11}	16
90-100	5.50×10^{10}	7.7	5.50×10^{10}	7.7

DEPTH (m)	AREA (m^2)
0	8.96×10^9
10	8.60×10^9
20	8.23×10^9
30	7.87×10^9
40	7.50×10^9
50	7.14×10^9
60	6.77×10^9
70	6.41×10^9
80	6.04×10^9
90	5.86×10^9
100	5.81×10^9

$43^0N\ 68^0W$

SURFACE AREA

$8.74 \times 10^9 m^2$

TOTAL VOL.

$8.47 \times 10^{11} m^3$

MEAN DEPTH

96.9 m

DEPTH INTERVAL (m)	INTERVAL VOLUME (m^3)	% OF TOTAL	CUMULATIVE VOLUME (m^3)	CUM. %
0-10	8.74×10^{10}	10	8.47×10^{11}	100
10-20	8.73×10^{10}	10	7.60×10^{11}	90
20-30	8.73×10^{10}	10	6.73×10^{11}	79
30-40	8.72×10^{10}	10	5.85×10^{11}	69
40-50	8.67×10^{10}	10	4.89×10^{11}	59
50-60	8.57×10^{10}	10	4.11×10^{11}	49
60-70	8.43×10^{10}	10	3.26×10^{11}	38
70-80	8.25×10^{10}	9.7	2.41×10^{11}	28
80-90	8.05×10^{10}	9.5	1.59×10^{11}	19
90-100	7.83×10^{10}	9.2	7.83×10^{10}	9.2

DEPTH (m)	AREA (m^2)
0	8.74×10^9
10	8.73×10^9
20	8.73×10^9
30	8.72×10^9
40	8.71×10^9
50	8.62×10^9
60	8.52×10^9
70	8.34×10^9
80	8.16×10^9
90	7.94×10^9
100	7.72×10^9

43^0N 69^0W

SURFACE AREA

$8.07 \times 10^9 m^2$

TOTAL VOL.

$6.86 \times 10^{11} m^3$

MEAN DEPTH

85 m

DEPTH INTERVAL (m)	INTERVAL VOLUME (m^3)	% OF TOTAL	CUMULATIVE VOLUME (m^3)	CUM. %
0-10	7.93×10^{10}	12	6.86×10^{11}	100
10-20	7.65×10^{10}	11	6.07×10^{11}	88
20-30	7.37×10^{10}	11	5.30×10^{11}	77
30-40	7.08×10^{10}	10	4.57×10^{11}	67
40-50	6.87×10^{10}	10	3.86×10^{11}	56
50-60	6.71×10^{10}	9.8	3.17×10^{11}	46
60-70	6.55×10^{10}	9.6	2.50×10^{11}	36
70-80	6.37×10^{10}	9.3	1.85×10^{11}	27
80-90	6.16×10^{10}	9.0	1.21×10^{11}	18
90-100	5.92×10^{10}	8.6	5.92×10^{10}	8.6

DEPTH (m)	AREA (m^2)
0	8.07×10^9
10	7.79×10^9
20	7.51×10^9
30	7.22×10^9
40	6.94×10^9
50	6.79×10^9
60	6.63×10^9
70	6.46×10^9
80	6.28×10^9
90	6.04×10^9
100	5.79×10^9

43°N 70°W

SURFACE AREA

$3.29 \times 10^9 m^2$

TOTAL VOL.

$2.07 \times 10^{11} m^3$

MEAN DEPTH

62.9 m

DEPTH INTERVAL (m)	INTERVAL VOLUME (m^3)	% OF TOTAL	CUMULATIVE VOLUME (m^3)	CUM. %
0-10	3.15×10^{10}	15	2.07×10^{11}	100
10-20	2.87×10^{10}	14	1.75×10^{11}	85
20-30	2.58×10^{10}	12	1.47×10^{11}	71
30-40	2.30×10^{10}	11	1.21×10^{11}	59
40-50	2.07×10^{10}	10	9.78×10^{10}	47
50-60	1.89×10^{10}	9	7.71×10^{10}	37
60-70	1.72×10^{10}	8.3	5.82×10^{10}	28
70-80	1.56×10^{10}	7.5	4.10×10^{10}	20
80-90	1.37×10^{10}	6.6	2.45×10^{10}	12
90-100	1.17×10^{10}	5.7	1.17×10^{10}	5.7

DEPTH (m)	AREA (m^2)
0	3.29×10^9
10	3.01×10^9
20	2.72×10^9
30	2.44×10^9
40	2.15×10^9
50	1.98×10^9
60	1.80×10^9
70	1.64×10^9
80	1.47×10^9
90	1.27×10^9
100	1.06×10^9

TABLE 3

Volumes and surface areas of water masses in the MAB region. Mean depths of MAB and northern shelf water mass one-degree squares are obtained by dividing the total volume of each one-degree square by its 0-meter surface area. Mean depths of near-surface slope water mass one-degree squares are obtained by dividing the total volume of each one-degree square by its 100-m surface area. The 100-meter surface area was chosen since it is below the shelf/slope front and the wedge of overlying shelf water, and may be considered a "mean" surface area in near-surface slope water one-degree squares. Slope water mean depths will vary with the choice of surface area.

MIDDLE ATLANTIC BIGHT SHELF WATER

		Surface Areas by Depth and One-degree Square in m^2										Mean Depth (m)
1°	SQR	0 m	10 m	20 m	30 m	40 m	50 m	60 m	70 m	80 m	90 m	
41	70	3.06×10^9	2.81×10^9	2.56×10^9	1.55×10^9	5.35×10^8	2.69×10^8	-	-	-	-	30.3
	71	3.59×10^9	3.37×10^9	3.15×10^9	1.92×10^9	6.93×10^8	3.47×10^8	-	-	-	-	31.4
40	70	9.29×10^9	9.28×10^9	9.26×10^9	9.01×10^9	7.87×10^9	6.28×10^9	4.28×10^9	2.55×10^9	1.16×10^9	1.10×10^8	70.0
	71	9.32×10^9	9.32×10^9	9.31×10^9	9.09×10^9	8.86×10^9	8.12×10^9	6.37×10^9	4.12×10^9	1.92×10^9	1.80×10^8	70.3
	72	7.81×10^9	7.72×10^9	7.63×10^9	6.83×10^9	6.03×10^9	3.87×10^9	1.70×10^9	8.64×10^8	2.83×10^7	1.42×10^7	49.4
	73	5.57×10^9	5.14×10^9	4.71×10^9	2.98×10^9	1.25×10^9	6.73×10^8	9.56×10^7	4.78×10^7	-	-	31.8
39	70	1.61×10^9	9.75×10^8	4.22×10^8	1.00×10^8	7.00×10^7	-	-	-	-	-	90.0
	71	3.16×10^9	2.70×10^9	2.16×10^9	1.58×10^9	1.07×10^9	6.74×10^8	3.64×10^8	1.66×10^8	6.93×10^7	5.90×10^6	80.5
	72	9.02×10^9	8.70×10^9	8.37×10^9	7.91×10^9	7.43×10^9	6.79×10^9	5.51×10^9	3.75×10^9	1.88×10^9	5.60×10^7	79.0
	73	9.25×10^9	9.23×10^9	9.20×10^9	6.84×10^9	4.47×10^9	2.93×10^9	1.38×10^9	6.92×10^8	4.33×10^6	2.17×10^6	42.6
	74	3.23×10^9	2.35×10^9	1.46×10^9	7.48×10^8	-	-	-	-	-	-	19.1
38	72	3.27×10^9	2.63×10^9	2.13×10^9	1.69×10^9	1.27×10^9	9.36×10^8	6.29×10^8	3.68×10^8	1.56×10^8	1.00×10^7	89.7
	73	9.09×10^9	8.84×10^9	8.62×10^9	8.15×10^9	7.39×10^9	6.27×10^9	4.51×10^9	2.67×10^9	1.25×10^9	3.80×10^7	75.8
	74	8.98×10^9	8.17×10^9	7.35×10^9	5.30×10^9	3.25×10^9	1.94×10^9	6.25×10^8	3.41×10^8	1.73×10^8	5.60×10^6	35.5
	75	8.49×10^8	8.14×10^8	7.49×10^8	4.25×10^8	7.04×10^7	-	-	-	-	-	29.2
37	73	2.59×10^9	1.95×10^9	1.41×10^9	9.29×10^8	8.20×10^8	5.20×10^8	3.50×10^8	2.70×10^8	-	-	90.0
	74	9.58×10^9	9.32×10^9	9.03×10^9	8.43×10^9	7.16×10^9	5.47×10^9	3.84×10^9	2.39×10^9	1.20×10^9	1.58×10^8	69.8
	75	6.06×10^9	4.81×10^9	3.55×10^9	1.80×10^9	5.31×10^7	2.66×10^7	-	-	-	-	21.9
36	74	8.13×10^9	7.43×10^9	6.74×10^9	6.02×10^9	5.03×10^9	3.84×10^9	2.68×10^9	1.68×10^9	8.55×10^8	6.50×10^7	81.7
	75	8.21×10^9	7.21×10^9	6.21×10^9	3.31×10^9	4.14×10^8	2.07×10^8	-	-	-	-	26.2
TOTAL		1.22×10^{11}	1.13×10^{11}	1.04×10^{11}	8.46×10^{10}	6.37×10^{10}	4.92×10^{10}	3.23×10^{10}	1.99×10^{10}	8.70×10^9	6.45×10^8	43.9

MIDDLE ATLANTIC BIGHT SHELF WATER

Volume by Depth and One-degree Square in m^3

1°	SQR	0-10 m	10-20 m	20-30 m	30-40 m	40-50 m	50-60 m	60-70 m	70-80 m	80-90 m	TOTAL	%
41	70	2.94×10^{10}	2.69×10^{10}	2.06×10^{10}	1.04×10^{10}	4.02×10^{9}	1.35×10^{9}	-	-	-	9.27×10^{10}	1.7
	71	3.48×10^{10}	3.26×10^{10}	2.54×10^{10}	1.31×10^{10}	5.20×10^{9}	1.74×10^{9}	-	-	-	1.13×10^{11}	2.1
40	70	9.29×10^{10}	9.27×10^{10}	9.13×10^{10}	8.44×10^{10}	7.30×10^{10}	5.25×10^{10}	3.30×10^{10}	1.79×10^{10}	5.22×10^{9}	5.43×10^{11}	10.1
	71	9.32×10^{10}	9.32×10^{10}	9.25×10^{10}	8.99×10^{10}	8.72×10^{10}	7.52×10^{10}	5.22×10^{10}	3.02×10^{10}	8.11×10^{9}	6.22×10^{11}	11.6
	72	7.77×10^{10}	7.68×10^{10}	7.23×10^{10}	6.43×10^{10}	4.95×10^{10}	2.79×10^{10}	1.28×10^{10}	4.46×10^{9}	2.13×10^{8}	3.86×10^{11}	7.2
	73	5.36×10^{10}	4.93×10^{10}	3.85×10^{10}	2.12×10^{10}	9.68×10^{9}	3.84×10^{9}	6.67×10^{8}	2.39×10^{8}	-	1.77×10^{11}	3.3
39	70	1.29×10^{10}	6.59×10^{9}	1.85×10^{9}	1.54×10^{8}	-	-	-	-	-	2.15×10^{10}	0.4
	71	2.93×10^{10}	2.44×10^{10}	1.87×10^{10}	1.29×10^{10}	8.51×10^{9}	4.96×10^{9}	2.31×10^{9}	1.01×10^{9}	3.76×10^{8}	1.02×10^{11}	1.9
	72	8.86×10^{10}	8.54×10^{10}	8.19×10^{10}	7.62×10^{10}	7.24×10^{10}	6.33×10^{10}	4.69×10^{10}	2.80×10^{10}	9.68×10^{9}	5.52×10^{11}	10.3
	73	9.24×10^{10}	9.22×10^{10}	8.02×10^{10}	5.66×10^{10}	3.70×10^{10}	2.16×10^{10}	1.04×10^{10}	3.48×10^{9}	3.25×10^{7}	3.94×10^{11}	7.4
	74	2.79×10^{10}	1.91×10^{10}	1.10×10^{10}	3.74×10^{9}	-	-	-	-	-	6.17×10^{10}	1.2
38	72	2.95×10^{10}	2.31×10^{10}	1.95×10^{10}	1.43×10^{10}	1.10×10^{10}	7.71×10^{9}	4.86×10^{9}	2.50×10^{9}	6.16×10^{8}	1.13×10^{11}	2.1
	73	8.95×10^{10}	8.75×10^{10}	8.52×10^{10}	7.78×10^{10}	6.99×10^{10}	5.55×10^{10}	3.47×10^{10}	1.86×10^{10}	6.44×10^{9}	5.25×10^{11}	9.8
	74	8.58×10^{10}	7.76×10^{10}	6.33×10^{10}	4.28×10^{10}	2.60×10^{10}	1.28×10^{10}	5.04×10^{9}	2.57×10^{9}	8.93×10^{8}	3.17×10^{11}	5.9
	75	8.31×10^{10}	7.96×10^{9}	6.02×10^{9}	2.48×10^{8}	-	-	-	-	-	2.25×10^{10}	0.4
37	73	2.27×10^{10}	1.63×10^{10}	1.19×10^{10}	6.67×10^{9}	3.62×10^{9}	1.28×10^{9}	3.99×10^{8}	-	-	6.29×10^{10}	1.2
	74	9.45×10^{10}	9.19×10^{10}	8.87×10^{10}	7.99×10^{10}	6.32×10^{10}	4.62×10^{10}	3.05×10^{10}	1.73×10^{10}	6.79×10^{9}	5.19×10^{11}	9.7
	75	5.44×10^{10}	4.18×10^{10}	2.68×10^{10}	9.27×10^{9}	3.99×10^{8}	1.33×10^{8}	-	-	-	1.33×10^{11}	2.5
36	74	7.78×10^{10}	7.08×10^{10}	6.40×10^{10}	5.63×10^{10}	4.43×10^{10}	3.25×10^{10}	2.10×10^{10}	1.25×10^{10}	4.60×10^{9}	3.84×10^{11}	7.2
	75	7.71×10^{10}	6.71×10^{10}	4.76×10^{10}	1.86×10^{10}	3.11×10^{9}	1.04×10^{9}	-	-	-	2.15×10^{11}	4.0
TOTAL		1.17×10^{12}	1.08×10^{12}	9.47×10^{11}	7.39×10^{11}	5.68×10^{11}	4.10×10^{11}	2.55×10^{11}	1.39×10^{11}	4.30×10^{10}	5.36×10^{12}	
%		21.9%	20.2%	17.7%	13.8%	10.6%	7.7%	4.8%	2.6%	0.8%		

MAB SHELF WATER

TOTAL VOLUME $5.36\times10^{12}m^3$

SURFACE AREA $1.22\times10^{11}m^2$

MEAN DEPTH 43.9 m

NORTHERN SHELF WATER

1°	SQR	Surface Areas by Depth and One-degree Square in m^2 0 m	10 m	20 m	30 m	40 m	50 m	60 m	70 m	80 m	90 m	100m	Mean Depth (m)
43	65	5.57×10^9	5.08×10^9	4.60×10^9	4.11×10^9	3.62×10^9	3.24×10^9	2.85×10^9	2.59×10^9	2.32×10^9	2.10×10^9	1.87×10^9	61.5
	66	8.81×10^9	8.59×10^9	8.37×10^9	8.14×10^9	7.92×10^9	7.58×10^9	7.24×10^9	6.45×10^9	5.65×10^9	5.06×10^9	4.46×10^9	81.3
	67	8.96×10^9	8.60×10^9	8.23×10^9	7.87×10^9	7.50×10^9	7.14×10^9	6.77×10^9	6.41×10^9	6.04×10^9	5.68×10^9	5.31×10^9	79.7
	68	8.74×10^9	8.73×10^9	8.73×10^9	8.72×10^9	8.71×10^9	8.62×10^9	8.52×10^9	8.34×10^9	8.16×10^9	7.94×10^9	7.72×10^9	96.9
	69	8.07×10^9	7.79×10^9	7.51×10^9	7.22×10^9	6.94×10^9	6.79×10^9	6.63×10^9	6.46×10^9	6.28×10^9	6.04×10^9	5.79×10^9	85.0
	70	3.29×10^9	3.01×10^9	2.72×10^9	2.44×10^9	2.15×10^9	1.98×10^9	1.80×10^9	1.64×10^9	1.47×10^9	1.27×10^9	1.06×10^9	62.9
42	65	9.21×10^9	9.20×10^9	9.19×10^9	9.18×10^9	9.17×10^9	9.15×10^9	9.14×10^9	9.13×10^9	9.12×10^9	7.81×10^9	6.50×10^9	96.6
	66	9.09×10^9	9.06×10^9	9.02×10^9	8.99×10^9	8.95×10^9	8.92×10^9	8.88×10^9	8.38×10^9	7.88×10^9	7.45×10^9	7.02×10^9	94.2
	67	8.78×10^9	8.78×10^9	8.78×10^9	8.77×10^9	8.77×10^9	8.53×10^9	8.29×10^9	8.21×10^9	8.12×10^9	8.08×10^9	8.04×10^9	96.5
	68	8.93×10^9	8.93×10^9	8.93×10^9	8.93×10^9	8.93×10^9	8.93×10^9	8.93×10^9	8.93×10^9	8.93×10^9	8.93×10^9	8.93×10^9	100.0
	69	9.17×10^9	9.17×10^9	9.16×10^9	9.16×10^9	9.15×10^9	9.14×10^9	9.13×10^9	9.11×10^9	9.08×10^9	9.05×10^9	9.01×10^9	99.5
	70	7.42×10^9	6.94×10^9	6.46×10^9	5.97×10^9	5.49×10^9	4.86×10^9	4.22×10^9	3.42×10^9	2.61×10^9	1.96×10^9	1.30×10^9	62.4
41	65	2.98×10^9	2.05×10^9	1.46×10^9	1.02×10^9	5.78×10^8	1.02×10^8	1.00×10^8	-	-	-	-	22.1
	66	9.19×10^9	9.15×10^9	9.06×10^9	8.86×10^9	8.51×10^9	8.10×10^9	7.24×10^9	5.43×10^9	2.85×10^9	3.00×10^7	-	70.2
	67	9.39×10^9	8.61×10^9	7.83×10^9	7.05×10^9	6.27×10^9	3.82×10^9	1.37×10^9	7.69×10^8	1.68×10^8	1.38×10^8	1.08×10^8	43.4
	68	9.20×10^9	8.94×10^9	8.69×10^9	8.43×10^9	8.17×10^9	6.93×10^9	5.69×10^9	5.18×10^9	4.66×10^9	4.25×10^9	3.84×10^9	73.3
	69	9.16×10^9	8.32×10^9	7.48×10^9	6.63×10^9	5.79×10^9	5.35×10^9	4.91×10^9	4.63×10^9	4.34×10^9	4.00×10^9	3.66×10^9	63.2
40	66	4.60×10^9	3.73×10^9	3.13×10^9	2.59×10^9	2.07×10^9	1.53×10^9	1.09×10^9	8.05×10^8	5.04×10^8	1.24×10^8	-	38.3
	67	8.21×10^9	7.41×10^9	6.84×10^9	6.26×10^9	5.70×10^9	5.14×10^9	4.28×10^9	3.12×10^8	1.75×10^8	1.64×10^8	-	54.6
	68	9.17×10^9	9.01×10^9	8.77×10^9	8.36×10^9	7.83×10^9	6.84×10^9	5.13×10^9	3.16×10^9	1.45×10^9	6.30×10^8	-	73.4
	69	9.15×10^9	9.10×10^9	9.04×10^9	8.56×10^9	8.07×10^9	7.07×10^9	5.50×10^9	3.51×10^9	1.70×10^9	4.80×10^8	-	67.7
TOTAL		1.67×10^{11}	1.60×10^{11}	1.54×10^{11}	1.47×10^{11}	1.40×10^{11}	1.30×10^{11}	1.18×10^{11}	1.03×10^{11}	9.15×10^{10}	8.12×10^{10}	7.46×10^{10}	

NORTHERN SHELF WATER

Volume to 100 m by Depth and One-degree Square in m^3

1° SQR	0-10 m	10-20 m	20-30 m	30-40 m	40-50 m	50-60 m	60-70 m	70-80 m	80-90 m	90-100 m	TOTAL	%
43 65	5.33×10^{10}	4.84×10^{10}	4.36×10^{10}	3.87×10^{10}	3.43×10^{10}	3.05×10^{10}	2.72×10^{10}	2.46×10^{10}	2.21×10^{10}	1.99×10^{10}	3.43×10^{11}	2.7
66	8.70×10^{10}	8.48×10^{10}	8.26×10^{10}	8.03×10^{10}	7.75×10^{10}	7.41×10^{10}	6.85×10^{10}	6.05×10^{10}	5.36×10^{10}	4.76×10^{10}	7.17×10^{11}	5.7
67	8.78×10^{10}	8.42×10^{10}	8.05×10^{10}	7.69×10^{10}	7.32×10^{10}	6.96×10^{10}	6.59×10^{10}	6.23×10^{10}	5.86×10^{10}	5.50×10^{10}	7.14×10^{11}	5.7
68	8.74×10^{10}	8.73×10^{10}	8.73×10^{10}	8.72×10^{10}	8.67×10^{10}	8.57×10^{10}	8.43×10^{10}	8.25×10^{10}	8.05×10^{10}	7.83×10^{10}	8.47×10^{11}	6.8
69	7.93×10^{10}	7.65×10^{10}	7.37×10^{10}	7.08×10^{10}	6.87×10^{10}	6.71×10^{10}	6.55×10^{10}	6.37×10^{10}	6.16×10^{10}	5.92×10^{10}	6.86×10^{11}	5.5
70	3.15×10^{10}	2.87×10^{10}	2.58×10^{10}	2.30×10^{10}	2.07×10^{10}	1.89×10^{10}	1.72×10^{10}	1.56×10^{10}	1.37×10^{10}	1.17×10^{10}	2.07×10^{11}	1.7
42 65	9.21×10^{10}	9.20×10^{10}	9.19×10^{10}	9.18×10^{10}	9.16×10^{10}	9.15×10^{10}	9.14×10^{10}	9.13×10^{10}	8.47×10^{10}	7.16×10^{10}	8.90×10^{11}	7.1
66	9.08×10^{10}	9.04×10^{10}	9.01×10^{10}	8.97×10^{10}	8.94×10^{10}	8.90×10^{10}	8.63×10^{10}	8.13×10^{10}	7.67×10^{10}	7.24×10^{10}	8.56×10^{11}	6.8
67	8.78×10^{10}	8.78×10^{10}	8.78×10^{10}	8.77×10^{10}	8.65×10^{10}	8.41×10^{10}	8.25×10^{10}	8.17×10^{10}	8.10×10^{10}	8.06×10^{10}	8.48×10^{11}	6.8
68	8.93×10^{10}	8.93×10^{10}	8.93×10^{10}	8.93×10^{10}	8.93×10^{10}	8.93×10^{10}	8.93×10^{10}	8.93×10^{10}	8.93×10^{10}	8.93×10^{10}	8.93×10^{11}	7.1
69	9.17×10^{10}	9.17×10^{10}	9.16×10^{10}	9.16×10^{10}	9.15×10^{10}	9.14×10^{10}	9.12×10^{10}	9.10×10^{10}	9.07×10^{10}	9.03×10^{10}	9.13×10^{11}	7.3
70	7.18×10^{10}	6.70×10^{10}	6.22×10^{10}	5.73×10^{10}	5.18×10^{10}	4.54×10^{10}	3.82×10^{10}	3.20×10^{10}	2.29×10^{10}	1.63×10^{10}	4.63×10^{11}	3.7
41 65	2.40×10^{10}	1.69×10^{10}	1.23×10^{10}	8.16×10^{9}	3.40×10^{9}	1.01×10^{9}	-	-	-	-	6.58×10^{10}	0.5
66	9.18×10^{10}	9.11×10^{10}	9.00×10^{10}	8.71×10^{10}	8.31×10^{10}	7.88×10^{10}	6.60×10^{10}	4.25×10^{10}	1.44×10^{10}	-	6.45×10^{11}	5.2
67	9.00×10^{10}	8.22×10^{10}	7.44×10^{10}	6.66×10^{10}	5.05×10^{10}	2.60×10^{10}	1.05×10^{10}	4.69×10^{9}	1.53×10^{9}	1.23×10^{9}	4.08×10^{11}	3.3
68	9.07×10^{10}	8.82×10^{10}	8.56×10^{10}	8.30×10^{10}	7.55×10^{10}	6.31×10^{10}	5.44×10^{10}	4.92×10^{10}	4.46×10^{10}	4.05×10^{10}	6.75×10^{11}	5.4
69	8.74×10^{10}	7.90×10^{10}	7.06×10^{10}	6.21×10^{10}	5.57×10^{10}	5.13×10^{10}	4.77×10^{10}	4.49×10^{10}	4.17×10^{10}	3.83×10^{10}	5.79×10^{11}	4.6
40 66	4.02×10^{10}	3.43×10^{10}	2.83×10^{10}	2.35×10^{10}	1.79×10^{10}	1.26×10^{10}	9.17×10^{9}	6.93×10^{9}	3.14×10^{9}	-	1.76×10^{11}	1.4
67	7.69×10^{10}	7.13×10^{10}	6.54×10^{10}	5.97×10^{10}	5.43×10^{10}	4.85×10^{10}	3.70×10^{10}	2.54×10^{10}	9.57×10^{9}	-	4.48×10^{11}	3.6
68	9.09×10^{10}	8.93×10^{10}	8.60×10^{10}	8.12×10^{10}	7.54×10^{10}	6.14×10^{10}	4.15×10^{10}	2.17×10^{10}	7.20×10^{9}	-	5.55×10^{11}	4.4
69	9.13×10^{10}	9.07×10^{10}	8.80×10^{10}	8.32×10^{10}	7.62×10^{10}	6.52×10^{10}	4.47×10^{10}	2.55×10^{10}	8.42×10^{9}	-	5.73×10^{11}	4.6
TOTAL	1.63×10^{12}	1.57×10^{12}	1.51×10^{12}	1.44×10^{12}	1.35×10^{12}	1.24×10^{12}	1.12×10^{12}	9.95×10^{11}	8.66×10^{11}	7.72×10^{11}	1.25×10^{13}	
%	15.1%	12.2%	11.8%	11.2%	10.5%	9.7%	8.7%	7.8%	6.8%	6.0%		

NORTHERN SHELF WATER

TOTAL VOLUME $1.25\times10^{13} m^3$

SURFACE AREA $1.67\times10^{11} m^2$

MEAN DEPTH 74.9 m

SLOPE WATER

Surface Areas to 200 m by Depth and One-degree Square in m^2

1°	SQR	0 m	10 m	20 m	30 m	40 m	50 m	60 m	70 m	80 m	90 m	100 m	110 m
40	70	-	-	-	2.34×10^{8}	7.22×10^{8}	1.32×10^{9}	1.98×10^{9}	2.54×10^{9}	2.99×10^{9}	3.18×10^{9}	2.65×10^{9}	2.20×10^{9}
	71	-	-	-	9.00×10^{7}	1.90×10^{8}	2.46×10^{8}	5.35×10^{8}	9.18×10^{8}	1.34×10^{9}	1.74×10^{9}	8.81×10^{8}	7.70×10^{8}
39	70	7.92×10^{9}	8.48×10^{9}	9.01×10^{9}	9.28×10^{9}	9.34×10^{9}	9.40×10^{9}	9.40×10^{9}	9.40×10^{9}	9.40×10^{9}	9.40×10^{9}	9.40×10^{9}	9.40×10^{9}
	71	6.11×10^{9}	6.69×10^{9}	7.21×10^{9}	7.77×10^{9}	8.36×10^{9}	8.77×10^{9}	9.00×10^{9}	9.17×10^{9}	9.25×10^{9}	9.25×10^{9}	9.86×10^{9}	9.76×10^{9}
	72	3.65×10^{8}	6.53×10^{8}	9.69×10^{8}	1.42×10^{9}	1.98×10^{9}	2.54×10^{9}	3.16×10^{9}	3.89×10^{9}	4.64×10^{9}	5.34×10^{9}	4.65×10^{9}	4.30×10^{9}
38	70	9.54×10^{9}	9.54×10^{9}	9.54×10^{9}	9.54×10^{9}	9.54×10^{9}	9.54×10^{9}	9.54×10^{9}	9.54×10^{9}	9.54×10^{9}	9.54×10^{9}	9.54×10^{9}	9.54×10^{9}
	71	9.52×10^{9}	9.52×10^{9}	9.52×10^{9}	9.52×10^{9}	9.52×10^{9}	9.52×10^{9}	9.52×10^{9}	9.52×10^{9}	9.52×10^{9}	9.52×10^{9}	9.52×10^{9}	9.52×10^{9}
	72	6.25×10^{9}	6.79×10^{9}	7.28×10^{9}	7.80×10^{9}	8.19×10^{9}	8.51×10^{9}	8.84×10^{9}	9.08×10^{9}	9.28×10^{9}	9.38×10^{9}	9.37×10^{9}	9.34×10^{9}
	73	3.20×10^{8}	6.22×10^{8}	9.16×10^{8}	1.28×10^{9}	1.75×10^{9}	2.33×10^{9}	2.96×10^{9}	3.65×10^{9}	4.34×10^{9}	4.50×10^{9}	4.60×10^{9}	4.32×10^{9}
	74	-	-	-	-	-	-	-	4.91×10^{6}	1.96×10^{7}	1.01×10^{8}	7.46×10^{7}	4.04×10^{7}
37	70	2.51×10^{9}	2.51×10^{9}	2.51×10^{9}	2.51×10^{9}	2.51×10^{9}	2.51×10^{9}	2.51×10^{9}	2.51×10^{9}	2.51×10^{9}	2.51×10^{9}	2.51×10^{9}	2.51×10^{9}
	71	6.44×10^{9}	6.44×10^{9}	6.44×10^{9}	6.44×10^{9}	6.44×10^{9}	6.44×10^{9}	6.44×10^{9}	6.44×10^{9}	6.44×10^{9}	6.44×10^{9}	6.44×10^{9}	6.44×10^{9}
	72	9.56×10^{9}	9.56×10^{9}	9.56×10^{9}	9.56×10^{9}	9.56×10^{9}	9.56×10^{9}	9.56×10^{9}	9.56×10^{9}	9.56×10^{9}	9.56×10^{9}	9.56×10^{9}	9.56×10^{9}
	73	6.84×10^{9}	7.42×10^{9}	7.98×10^{9}	8.45×10^{9}	8.81×10^{9}	9.11×10^{9}	9.28×10^{9}	9.36×10^{9}	9.62×10^{9}	9.62×10^{9}	9.62×10^{9}	9.62×10^{9}
	74	5.60×10^{7}	2.48×10^{8}	4.80×10^{8}	8.13×10^{8}	1.27×10^{9}	1.81×10^{9}	2.33×10^{9}	3.02×10^{9}	3.83×10^{9}	4.55×10^{9}	4.19×10^{9}	3.99×10^{9}
36	72	2.48×10^{9}	2.48×10^{9}	2.48×10^{9}	2.48×10^{9}	2.48×10^{9}	2.48×10^{9}	2.48×10^{9}	2.48×10^{9}	2.48×10^{9}	2.48×10^{9}	2.48×10^{9}	2.48×10^{9}
	73	9.54×10^{9}	9.54×10^{9}	9.54×10^{9}	9.54×10^{9}	9.54×10^{9}	9.54×10^{9}	9.54×10^{9}	9.54×10^{9}	9.54×10^{9}	9.54×10^{9}	9.54×10^{9}	9.54×10^{9}
	74	1.51×10^{9}	2.17×10^{9}	2.87×10^{9}	3.46×10^{9}	4.33×10^{9}	4.95×10^{9}	5.62×10^{9}	6.30×10^{9}	6.97×10^{9}	7.59×10^{9}	7.56×10^{9}	7.51×10^{9}
TOTAL		7.90×10^{10}	8.27×10^{10}	8.63×10^{10}	9.04×10^{10}	9.45×10^{10}	9.86×10^{10}	1.03×10^{11}	1.07×10^{11}	1.11×10^{11}	1.14×10^{11}	1.12×10^{11}	1.11×10^{11}

SLOPE WATER

Surface Areas to 200 m by Depth and One-degree Square in m^2 (Cont'd)

1° SQR	120 m	130 m	140 m	150 m	160 m	170 m	180 m	190 m	200 m	Mean Depth (to 200 m)
40 70	1.75×10^9	1.33×10^9	9.01×10^8	7.69×10^8	6.36×10^8	5.52×10^8	4.67×10^8	4.05×10^8	3.42×10^8	93.6
71	6.58×10^8	5.42×10^8	4.25×10^8	3.60×10^8	2.95×10^8	2.58×10^8	2.21×10^8	1.92×10^8	1.63×10^8	108.2
39 70	9.40×10^9	9.40×10^9	9.39×10^9	9.39×10^9	9.39×10^9	9.39×10^9	9.39×10^9	9.38×10^9	9.37×10^9	197.9
71	9.65×10^9	9.58×10^9	9.50×10^9	9.44×10^9	9.37×10^9	9.34×10^9	9.30×10^9	8.94×10^9	8.58×10^9	180.5
72	3.94×10^9	3.54×10^9	3.14×10^9	2.95×10^9	2.75×10^9	2.67×10^9	2.59×10^9	2.53×10^9	2.47×10^9	126.9
38 70	9.54×10^9	9.54×10^9	9.54×10^9	9.54×10^9	9.54×10^9	9.54×10^9	9.54×10^9	9.54×10^9	9.54×10^9	200.0
71	9.52×10^9	9.52×10^9	9.52×10^9	9.52×10^9	9.52×10^9	9.52×10^9	9.52×10^9	9.52×10^9	9.52×10^9	200.0
72	9.31×10^9	9.31×10^9	9.30×10^9	9.30×10^9	9.29×10^9	9.29×10^9	9.28×10^9	9.28×10^9	9.28×10^9	187.8
73	4.04×10^9	3.91×10^9	3.78×10^9	3.78×10^9	3.77×10^9	3.74×10^9	3.71×10^9	3.66×10^9	3.61×10^9	139.1
74	6.21×10^6	3.11×10^6	-	-	-	-	-	-	-	29.1
37 70	2.51×10^9	2.51×10^9	2.51×10^9	2.51×10^9	2.51×10^9	2.51×10^9	2.51×10^9	2.51×10^9	2.51×10^9	200.0
71	6.44×10^9	6.44×10^9	6.44×10^9	6.44×10^9	6.44×10^9	6.44×10^9	6.44×10^9	6.44×10^9	6.44×10^9	200.0
72	9.56×10^9	9.56×10^9	9.56×10^9	9.56×10^9	9.56×10^9	9.56×10^9	9.56×10^9	9.56×10^9	9.56×10^9	200.0
73	9.62×10^9	9.62×10^9	9.62×10^9	9.62×10^9	9.61×10^9	9.61×10^9	9.60×10^9	9.60×10^9	9.60×10^9	191.3
74	3.78×10^9	3.68×10^9	3.58×10^9	3.52×10^9	3.46×10^9	3.42×10^9	3.37×10^9	3.33×10^9	3.29×10^9	134.1
36 72	2.48×10^9	2.48×10^9	2.48×10^9	2.48×10^9	2.48×10^9	2.48×10^9	2.48×10^9	2.48×10^9	2.48×10^9	200.0
73	9.54×10^9	9.54×10^9	9.54×10^9	9.54×10^9	9.54×10^9	9.54×10^9	9.54×10^9	9.54×10^9	9.54×10^9	200.0
74	7.46×10^9	7.44×10^9	7.41×10^9	7.39×10^9	7.37×10^9	7.34×10^9	7.31×10^9	7.27×10^9	7.23×10^9	162.7
TOTAL	1.09×10^{11}	1.08×10^{11}	1.07×10^{11}	1.06×10^{11}	1.06×10^{11}	1.05×10^{11}	1.05×10^{11}	1.04×10^{11}	1.04×10^{11}	

SLOPE WATER

Volume to 200 m by Depth and One-degree Square in m^3

1°	SQR	0-10 m	10-20 m	20-30 m	30-40 m	40-50 m	50-60 m	60-70 m	70-80 m	80-90 m	90-100 m	100-110 m	110-120 m
40	70	-	-	-	4.78×10^{9}	9.66×10^{9}	1.68×10^{10}	2.27×10^{10}	2.80×10^{10}	3.18×10^{10}	2.97×10^{10}	2.43×10^{10}	1.98×10^{10}
	71	-	-	-	1.06×10^{8}	1.27×10^{9}	3.65×10^{9}	7.05×10^{9}	1.13×10^{10}	1.54×10^{10}	1.40×10^{10}	8.26×10^{9}	7.14×10^{9}
39	70	8.20×10^{10}	8.76×10^{10}	9.25×10^{10}	9.31×10^{10}	9.41×10^{10}	9.40×10^{10}	9.40×10^{10}	9.40×10^{10}	9.40×10^{10}	9.40×10^{10}	9.40×10^{10}	9.40×10^{10}
	71	6.40×10^{10}	6.97×10^{10}	7.45×10^{10}	8.08×10^{10}	8.63×10^{10}	8.90×10^{10}	9.10×10^{10}	9.24×10^{10}	9.25×10^{10}	9.87×10^{10}	9.81×10^{10}	9.71×10^{10}
	72	5.09×10^{9}	7.97×10^{9}	1.14×10^{10}	1.70×10^{10}	2.25×10^{10}	2.83×10^{10}	3.48×10^{10}	4.29×10^{10}	4.99×10^{10}	5.02×10^{10}	4.48×10^{10}	4.12×10^{10}
38	70	9.54×10^{10}	9.54×10^{10}	9.54×10^{10}	9.54×10^{10}	9.54×10^{10}	9.54×10^{10}	9.54×10^{10}	9.54×10^{10}	9.54×10^{10}	9.54×10^{10}	9.54×10^{10}	9.54×10^{10}
	71	9.52×10^{10}	9.52×10^{10}	9.52×10^{10}	9.52×10^{10}	9.52×10^{10}	9.52×10^{10}	9.52×10^{10}	9.52×10^{10}	9.52×10^{10}	9.52×10^{10}	9.52×10^{10}	9.52×10^{10}
	72	6.52×10^{10}	7.05×10^{10}	7.50×10^{10}	8.09×10^{10}	8.29×10^{10}	8.73×10^{10}	8.94×10^{10}	9.22×10^{10}	9.33×10^{10}	9.38×10^{10}	9.36×10^{10}	9.33×10^{10}
	73	4.71×10^{9}	7.72×10^{9}	1.06×10^{10}	1.49×10^{10}	2.01×10^{10}	2.65×10^{10}	3.27×10^{10}	4.02×10^{10}	4.65×10^{10}	4.74×10^{10}	4.46×10^{10}	4.18×10^{10}
	74	-	-	-	-	-	-	-	3.70×10^{7}	3.54×10^{8}	9.08×10^{8}	5.75×10^{8}	2.33×10^{8}
37	70	2.51×10^{10}	2.51×10^{10}	2.51×10^{10}	2.51×10^{10}	2.51×10^{10}	2.51×10^{10}	2.51×10^{10}	2.51×10^{10}	2.51×10^{10}	2.51×10^{10}	2.51×10^{10}	2.51×10^{10}
	71	6.44×10^{10}	6.44×10^{10}	6.44×10^{10}	6.44×10^{10}	6.44×10^{10}	6.44×10^{10}	6.44×10^{10}	6.44×10^{10}	6.44×10^{10}	6.44×10^{10}	6.44×10^{10}	6.44×10^{10}
	72	9.56×10^{10}	9.56×10^{10}	9.56×10^{10}	9.56×10^{10}	9.56×10^{10}	9.56×10^{10}	9.56×10^{10}	9.56×10^{10}	9.56×10^{10}	9.56×10^{10}	9.56×10^{10}	9.56×10^{10}
	73	7.13×10^{10}	7.71×10^{10}	8.25×10^{10}	8.65×10^{10}	8.97×10^{10}	9.24×10^{10}	9.32×10^{10}	9.63×10^{10}	9.62×10^{10}	9.62×10^{10}	9.62×10^{10}	9.62×10^{10}
	74	1.52×10^{9}	3.43×10^{9}	6.16×10^{9}	1.01×10^{10}	1.52×10^{10}	2.09×10^{10}	2.56×10^{10}	3.47×10^{10}	4.19×10^{10}	4.38×10^{10}	4.09×10^{10}	3.89×10^{10}
36	72	2.48×10^{10}	2.48×10^{10}	2.48×10^{10}	2.48×10^{10}	2.48×10^{10}	2.48×10^{10}	2.48×10^{10}	2.48×10^{10}	2.48×10^{10}	2.48×10^{10}	2.48×10^{10}	2.48×10^{10}
	73	9.54×10^{10}	9.54×10^{10}	9.54×10^{10}	9.54×10^{10}	9.54×10^{10}	9.54×10^{10}	9.54×10^{10}	9.54×10^{10}	9.54×10^{10}	9.54×10^{10}	9.54×10^{10}	9.54×10^{10}
	74	1.84×10^{10}	2.50×10^{10}	3.24×10^{10}	4.04×10^{10}	4.62×10^{10}	5.28×10^{10}	5.95×10^{10}	6.65×10^{10}	7.28×10^{10}	7.66×10^{10}	7.54×10^{10}	7.49×10^{10}
TOTAL		8.08×10^{11}	8.45×10^{11}	8.81×10^{11}	9.24×10^{11}	9.64×10^{11}	1.01×10^{12}	1.05×10^{12}	1.09×10^{12}	1.13×10^{12}	1.14×10^{12}	1.12×10^{12}	1.10×10^{12}
%		3.9%	4.1%	4.3%	4.5%	4.7%	4.9%	5.1%	5.3%	5.5%	5.6%	5.5%	5.4%

NEAR-SURFACE SLOPE WATER

	To 100 m	To 200 m
TOTAL VOLUME	$9.84\times10^{12}m^3$	$2.05\times10^{13}m^3$
SURFACE AREA	$1.12\times10^{11}m^2$	$1.04\times10^{11}m^2$
MEAN DEPTH	87.9 m	190.4 m

Volume to 200 m by Depth and One-degree Square in m^3 (Cont'd)

1°	SQR	120-130m	130-140m	140-150m	150-160m	160-170m	170-180m	180-190m	190-200m	100m TOTAL		200m TOTAL	
40	70	1.54×10^{10}	1.12×10^{10}	8.35×10^{9}	7.03×10^{9}	5.94×10^{9}	5.10×10^{9}	4.36×10^{9}	3.47×10^{9}	1.43×10^{11}	1.5%	2.48×10^{11}	1.2%
	71	6.00×10^{9}	4.84×10^{9}	3.93×10^{9}	3.28×10^{9}	2.77×10^{9}	2.40×10^{9}	2.07×10^{9}	1.78×10^{9}	5.28×10^{10}	0.5%	9.53×10^{10}	0.5%
39	70	9.40×10^{10}	9.40×10^{10}	9.39×10^{10}	9.39×10^{10}	9.39×10^{10}	9.39×10^{10}	9.39×10^{10}	9.38×10^{10}	9.19×10^{11}	9.3%	1.86×10^{12}	9.1%
	71	9.62×10^{10}	9.54×10^{10}	9.47×10^{10}	9.41×10^{10}	9.36×10^{10}	9.32×10^{10}	9.12×10^{10}	8.76×10^{10}	8.39×10^{11}	8.5%	1.78×10^{12}	8.7%
	72	3.74×10^{10}	3.34×10^{10}	3.05×10^{10}	2.85×10^{10}	2.71×10^{10}	2.63×10^{10}	2.56×10^{10}	2.50×10^{10}	2.70×10^{11}	2.7%	5.90×10^{11}	2.9%
38	70	9.54×10^{10}	9.54×10^{10}	9.54×10^{10}	9.54×10^{10}	9.54×10^{10}	9.54×10^{10}	9.54×10^{10}	9.54×10^{10}	9.54×10^{11}	9.7%	1.91×10^{12}	9.3%
	71	9.52×10^{10}	9.52×10^{10}	9.52×10^{10}	9.52×10^{10}	9.52×10^{10}	9.52×10^{10}	9.52×10^{10}	9.52×10^{10}	9.52×10^{11}	9.7%	1.90×10^{12}	9.3%
	72	9.31×10^{10}	9.31×10^{10}	9.30×10^{10}	9.30×10^{10}	9.29×10^{10}	9.29×10^{10}	9.28×10^{10}	9.28×10^{10}	8.31×10^{11}	8.4%	1.76×10^{12}	8.6%
	73	3.98×10^{10}	3.85×10^{10}	3.78×10^{10}	3.77×10^{10}	3.76×10^{10}	3.73×10^{10}	3.69×10^{10}	3.64×10^{10}	2.51×10^{11}	2.6%	6.40×10^{11}	3.1%
	74	4.66×10^{7}	1.56×10^{7}	-	-	-	-	-	-	1.30×10^{9}	0.0%	2.17×10^{9}	0.01%
37	70	2.51×10^{10}	2.51×10^{10}	2.51×10^{10}	2.51×10^{10}	2.51×10^{10}	2.51×10^{10}	2.51×10^{10}	2.51×10^{10}	2.51×10^{11}	2.6%	5.02×10^{11}	2.4%
	71	6.44×10^{10}	6.44×10^{10}	6.44×10^{10}	6.44×10^{10}	6.44×10^{10}	6.44×10^{10}	6.44×10^{10}	6.44×10^{10}	6.44×10^{11}	6.5%	1.29×10^{12}	6.3%
	72	9.56×10^{10}	9.56×10^{10}	9.56×10^{10}	9.56×10^{10}	9.56×10^{10}	9.56×10^{10}	9.56×10^{10}	9.56×10^{10}	9.56×10^{11}	9.7%	1.91×10^{12}	9.3%
	73	9.62×10^{10}	9.62×10^{10}	9.62×10^{10}	9.62×10^{10}	9.61×10^{10}	9.61×10^{10}	9.60×10^{10}	9.60×10^{10}	8.81×10^{11}	9.0%	1.84×10^{12}	9.0%
	74	3.73×10^{10}	3.63×10^{10}	3.55×10^{10}	3.49×10^{10}	3.44×10^{10}	3.40×10^{10}	3.35×10^{10}	3.31×10^{10}	2.03×10^{11}	2.1%	5.62×10^{11}	2.7%
36	72	2.48×10^{10}	2.48×10^{10}	2.48×10^{10}	2.48×10^{10}	2.48×10^{10}	2.48×10^{10}	2.48×10^{10}	2.48×10^{10}	2.48×10^{11}	2.5%	4.96×10^{11}	2.4%
	73	9.54×10^{10}	9.54×10^{10}	9.54×10^{10}	9.54×10^{10}	9.54×10^{10}	9.54×10^{10}	9.54×10^{10}	9.54×10^{10}	9.54×10^{11}	9.7%	1.91×10^{12}	9.3%
	74	7.45×10^{10}	7.43×10^{10}	7.40×10^{10}	7.38×10^{10}	7.36×10^{10}	7.33×10^{10}	7.29×10^{10}	7.25×10^{10}	4.91×10^{11}	5.0%	1.23×10^{12}	6.0%
TOTAL		1.09×10^{12}	1.07×10^{12}	1.06×10^{12}	1.06×10^{12}	1.05×10^{12}	1.05×10^{12}	1.05×10^{12}	1.04×10^{12}	9.84×10^{12}		2.05×10^{13}	
%		5.3%	5.2%	5.2%	5.2%	5.1%	5.1%	5.1%	5.1%				