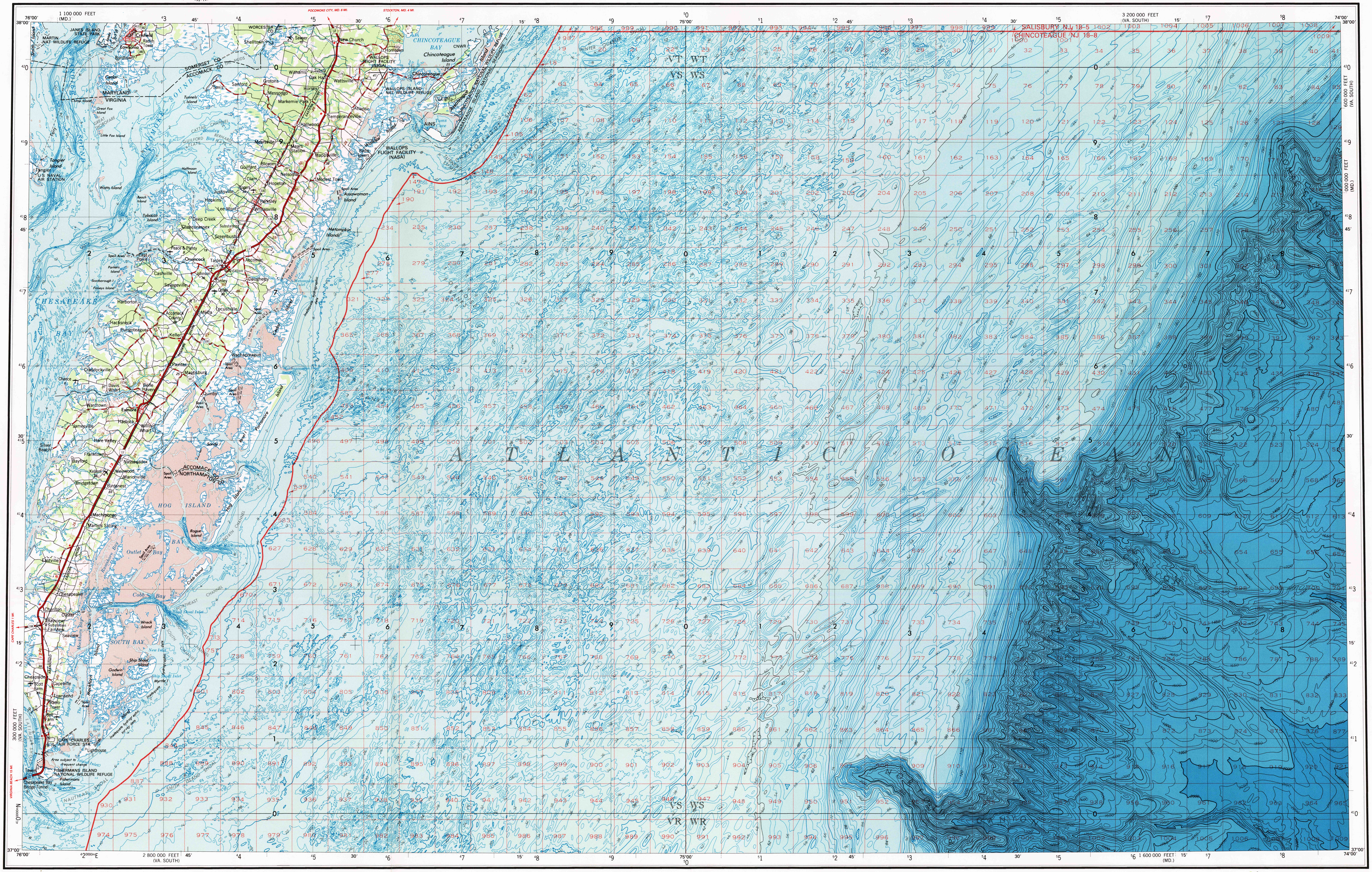
EASTERN UNITED STATES 1:250,000

CHINCOTEAGUE

NJ 18-8

TOPOGRAPHIC – BATHYMETRIC



PRODUCED BY THE U. S. GEOLOGICAL SURVEY AND THE NATIONAL OCEAN SERVICE

Compiled from USGS 1:100,000-scale maps dated 1981 and other sources. Map edited 1984
Supersedes Eastville, map dated 1969

Bathymetry compiled by the National Ocean Service from tide-coordinated hydrographic surveys. Bathymetric survey data comply with International Hydrographic Organization (IHO) Special Publication 44 accuracy standards and/or standards used at the date of the survey. This information is not intended for navigational purposes

Mean low water (dotted) line and mean high water (solid) line compiled by NOS from tide-coordinated aerial photographs

Offshore protraction survey data, shown in red, compiled by the Minerals Management Service. Heavy lines indicate limits of MMS Outer Continental Shelf Official Protraction Diagrams dated 1974, 1976, and 1978. The protractions on this map are not for Federal leasing purposes; for such purposes, refer to the OCS Official Protraction Diagrams available from the Minerals Management Service

Transverse Mercator Projection. 10,000-meter Universal Transverse Mercator grid, zone 18. 100,000-foot grid ticks based on Virginia coordinate system, south zone, and Maryland coordinate system
1927 North American Datum
To place on the predicted North American Datum 1983, move the projection lines 9 meters south and 32 meters west

Location of geodetic control established by government agencies is shown on Eastville 1:250,000-scale Geodetic Control Diagram

There may be private inholdings within the boundaries of the National or State reservations shown on this map

LEGEND

Figures in red denote approximate distances in miles between stars

POPULATED PLACES
Over 500,000 BOSTON
100,000 to 500,000 RICHMOND
25,000 to 100,000 EVANSTON
5,000 to 25,000 Newnan
1,000 to 5,000 Bar Harbor
Less than 1,000 Fishkill

RAILROADS (Single track, Double or Multiple)
Normal gauge
Narrow gauge

BOUNDARIES
International
State
County
Park or reservation

ROADS
Primary, all-weather, hard surface
Secondary, all-weather, hard surface
Light-duty, all-weather, hard or improved surface
Fair or dry weather, unimproved surface
Trail
Interchange
Route markers: Interstate, U.S., State (95) (29) (193)

Landplane airport
Landing area
Seaplane airport
Seaplane anchorage
Woods-brushwood

Power line
Landmark: School; Church; Other
Spot elevation in feet . 221
Marsh or swamp
Approximate shoreline
Sounding datum line (uncovers)

Scale 1:250,000

5 0 5 10 15 20 Statute Miles
5 0 5 10 15 20 25 30 Kilometers
5 0 5 10 15 Nautical Miles

CONTOUR INTERVAL 50 FEET
WITH SUPPLEMENTARY CONTOURS AT 25 FOOT INTERVALS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
BATHYMETRIC CONTOUR INTERVALS: 10 METERS TO 200 METER DEPTH
SUPPLEMENTED BY 2 METER INTERVALS, 50 METERS TO MAXIMUM DEPTH
DATUM: MEAN LOW WATER
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE

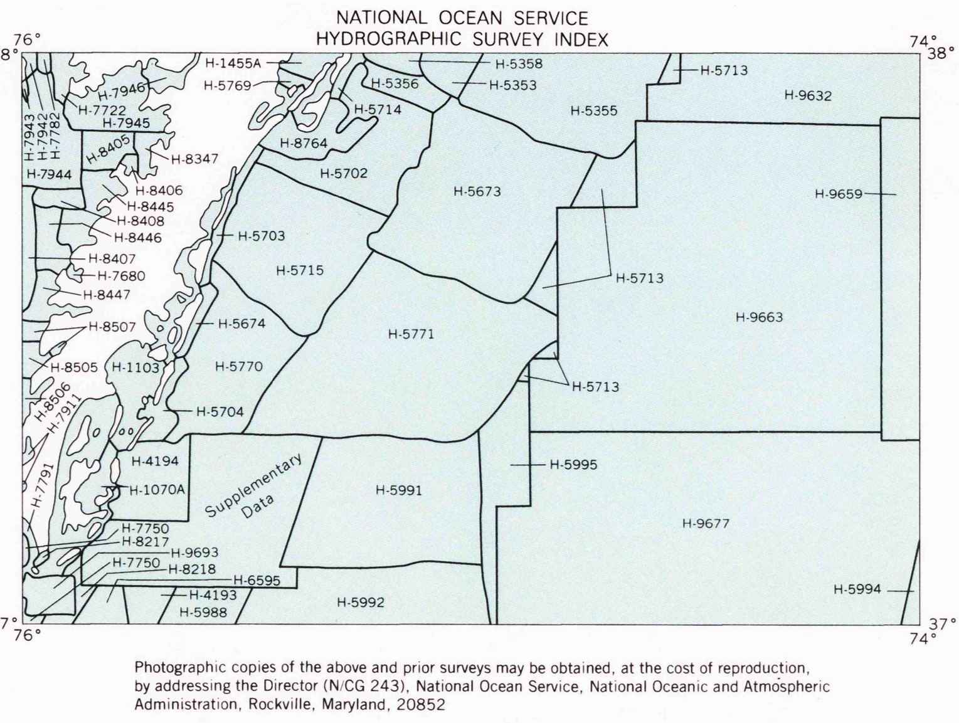
1984 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 9½° (170 MILS) WESTERLY FOR THE CENTER OF THE WEST EDGE TO 11° (200 MILS) WESTERLY FOR THE CENTER OF THE EAST EDGE

FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
AND BY NATIONAL OCEAN SURVEY, ROCKVILLE, MARYLAND 20852

NATIONAL OCEAN SERVICE HYDROGRAPHIC SURVEY INFORMATION

SURVEY NUMBER	SURVEY DATE	SURVEY SCALE	SURVEY LINE SPACING (Naut. Miles)	SURVEY NUMBER	SURVEY DATE	SURVEY SCALE	SURVEY LINE SPACING (Naut. Miles)
H-1070A	1870	1:20,000	.20-.40	H-7750	1950	1:40,000	.11-.15
H-1103	1871	1:20,000	.10-.30	H-7782	1949	1:20,000	.04-.10
H-1455A	1880	1:20,000	.10-.50	H-7791	1945	1:10,000	.03-.08
H-4193	1921	1:40,000	.08-.50	H-7911	1953	1:10,000	.03-.06
H-4194	1921	1:40,000	.07-.40	H-7942	1951	1:10,000	.02-.09
H-5353	1934	1:40,000	.07-.62	H-7943	1951	1:10,000	.02-.08
H-5355	1933-34	1:40,000	.10-1.0	H-7944	1951	1:20,000	.03-.15
H-5356	1933	1:40,000	.13-.46	H-7945	1951	1:20,000	.04-.16
H-5358	1933	1:20,000	.05-.33	H-7946	1951	1:20,000	.03-.14
H-5673	1934	1:20,000	.10-.80	H-8217	1954	1:10,000	.04-.12
H-5674	1934	1:20,000	.03-.18	H-8218	1954	1:25,000	.05-.15
H-5702	1934	1:40,000	.10-.32	H-8347	1956	1:10,000	.02-.08
H-5703	1934	1:20,000	.04-.15	H-8405	1956-57	1:10,000	.03-.09
H-5704	1934	1:20,000	.04-.13	H-8406	1956-57	1:10,000	.02-.08
H-5713	1934	1:120,000	.20-4.4	H-8407	1956-57	1:20,000	.05-.12
H-5714	1934	1:20,000	.03-.17	H-8408	1957	1:10,000	.02-.08
H-5715	1934	1:40,000	.10-.70	H-8445	1958	1:10,000	.03-.12
H-5769	1934	1:10,000	.02-.12	H-8446	1961	1:10,000	.04-.07
H-5770	1934	1:40,000	.10-.20	H-8447	1958	1:10,000	.02-.04
H-5771	1934	1:40,000	.10-.80	H-8505	1959	1:10,000	.02-.10
H-5988	1935	1:40,000	.10-.65	H-8506	1959	1:10,000	.02-.10
H-5991	1935	1:40,000	.10-.60	H-8507	1958-59	1:10,000	.01-.10
H-5992	1935	1:40,000	.10-1.0	H-8764	1962	1:20,000	.04-.18
H-5994	1935	1:120,000	1.2-2.4	H-9632	1976	1:80,000	.50-1.0
H-5995	1935	1:120,000	.50-3.6	H-9659	1976	1:80,000	.60-1.2
H-6595	1940	1:40,000	.12-.37	H-9663	1976	1:80,000	.50-1.0
H-7680	1948	1:10,000	.03-.10	H-9677	1976	1:80,000	.50-1.2
H-7722	1949	1:10,000	.02-.05	H-9693	1977	1:10,000	.05-.08

NATIONAL OCEAN SERVICE HYDROGRAPHIC SURVEY INDEX



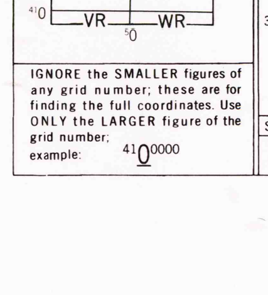
Photographic copies of the above and prior surveys may be obtained, at the cost of reproduction, by addressing the Director (N/CG 243), National Ocean Service, National Oceanic and Atmospheric Administration, Rockville, Maryland, 20852

DEPTH GRADIENTS

Meters	Feet
0	0
50	164
100	328
150	492
200	656
1000	3281
2000	6562
max depth	max depth

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1984

GRID ZONE DESIGNATION 18S
100,000 M. SQUARE IDENTIFICATION



IGNORE the SMALLER figures of any grid number; these are for finding the full coordinates. Use ONLY the LARGER figure of the grid number; example: $4 1 0^{0000}$

TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 1000 METERS

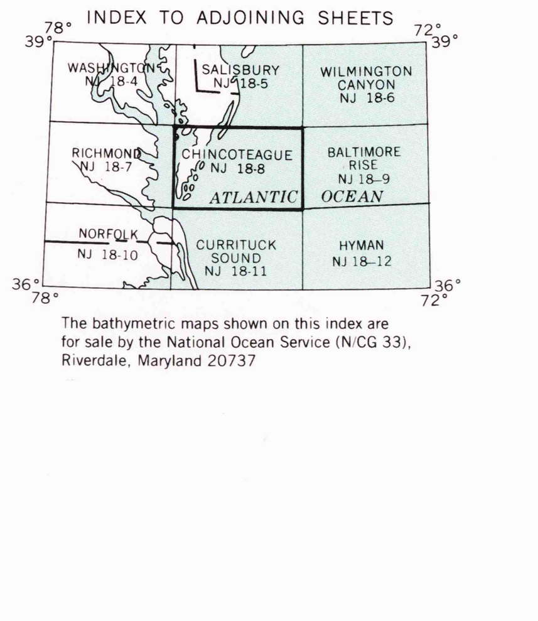
SAMPLE POINT: NELSONIA

1. Read letters identifying 100,000 meter square in which the point lies: VS
2. Locate first VERTICAL grid line to LEFT of point and read LARGE figure labeling the line either in the top or bottom margin, or on the line itself: 4
Estimate tenths from grid line to point: 8
3. Locate first HORIZONTAL grid line BELOW point and read LARGE figure labeling the line either in the left or right margin, or on the line itself: 8
Estimate tenths from grid line to point: 6

SAMPLE REFERENCE: VS4886

If reporting beyond 18° in any direction, prefix Grid Zone Designation, as: 18SVS4886

INDEX TO ADJOINING SHEETS



The bathymetric maps shown on this index are for sale by the National Ocean Service (N/CG 33), Riverdale, Maryland 20737

CHINCOTEAGUE, VA.; MD.
1984
TOPOGRAPHIC – BATHYMETRIC