



Maped, edited, and published by the Geological Survey and the National Ocean Service in cooperation with the Commonwealth of Virginia agencies in cooperation with the Commonwealth of Virginia agencies Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1967. Field checked 1968

Bathymetry compiled by the National Ocean Service from tide-coordinated hydrographic surveys. This information is not intended for navigational purposes

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

Apparent shoreline (outer edge of vegetation) shown by light solid line

Polyconic projection. 1927 North American Datum

10,000-foot grids based on Virginia coordinate system, south zone, and Maryland coordinate system

1,000-meter Universal Transverse Mercator grid ticks, zone 18, shown in blue

To place on the predicted North American Datum 1983, move the projection lines 9 meters south and 23 meters west as shown by dashed corner ticks

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

Revisions shown in purple compiled in cooperation with Commonwealth of Virginia agencies from aerial photographs taken 1981 and other source data. This information not field checked. Map edited 1986

SCALE 1:24,000

CONTOUR INTERVAL 5 FEET

NATIONAL GEODETIC VERTICAL DATUM OF 1929

BATHYMETRIC CONTOUR INTERVAL 1 METER WITH SUPPLEMENTARY 0.5 METER CONTOURS-DATUM IS MEAN LOW WATER

THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE

BASE MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

BATHYMETRIC SURVEY DATA COMPLIES WITH INTERNATIONAL HYDROGRAPHIC ORGANIZATION (IHO) SPECIAL PUBLICATION 44 ACCURACY STANDARDS AND/OR STANDARDS USED AT THE DATE OF THE SURVEY

FOR SALE BY U.S. GEOLOGICAL SURVEY

DENVER, COLORADO 80225 OR RESTON, VIRGINIA 22092

NATIONAL OCEAN SERVICE, ROCKVILLE, MARYLAND 20852

AND VIRGINIA DIVISION OF MINERAL RESOURCES, CHARLOTTESVILLE, VIRGINIA 22903

A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

NATIONAL OCEAN SERVICE HYDROGRAPHIC SURVEY INDEX

HYDROGRAPHIC SURVEY INFORMATION

SURVEY NUMBER	SURVEY DATE	SURVEY SCALE	SURVEY LINE SPACING (NAUT. MILES)
H-7943	1951	1:10,000	01-10
H-7944	1951	1:20,000	03-15
H-8009	1951	1:20,000	04-10
H-8010	1951	1:20,000	04-10
H-8435	1956	1:20,000	04-15

NOS CHART 18504 AUGUST 7, 1982 1:40,000

ROAD CLASSIFICATION

Light-duty road, all weather, improved surface

EWELL, MD.-VA.
37076-H1-TB-024

1968
PHOTOREVISED 1986
BATHYMETRY ADDED 1986
DMA 5759 1 NE-SERIES V833

USGS NMD HISTORICAL MAP
DEC 1987
REC'D FILE COPY