

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ALEXANDRIA QUADRANGLE
VIRGINIA-DISTRICT OF COLUMBIA-MARYLAND
7.5 MINUTE SERIES (TOPOGRAPHIC-BATHYMETRIC)



Mapped, edited, and published by the Geological Survey and the National Ocean Service
Control by USGS, NOS/NOAA, USCE, NCPS, and WSSC
Topography by photogrammetric methods from aerial photographs taken 1955. Field checked 1956. Revised 1965
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 from tide-coordinated aerial photographs. Apparent shoreline (outer edge of vegetation) shown by light solid line
Polyconic projection. 10,000-foot grid ticks based on Virginia coordinate system, north zone, and Maryland coordinate system 1000-meter Universal Transverse Mercator grid, zone 18
1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 9 meters south and 26 meters west as shown by dashed corner ticks
Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked
Red tint indicates areas in which only landmark buildings are shown. There may be private inholdings within the boundaries of the National or State reservations shown on this map
Revisions shown in purple and woodland compiled in cooperation with Commonwealth of Virginia agencies from aerial photographs taken 1981 and other sources. This information not field checked
Map edited 1983
Purple tint indicates extension of urban areas

HYDROGRAPHIC SURVEY INFORMATION			
Survey Number	Survey Date	Survey Scale	Survey Line Spacing (Feet)
H-9478	1962	1:10,000	01-05
H-9477	1974	1:5,000	01-03
H-9478	1975	1:5,000	08-01
H-9479	1974	1:10,000	02-06

SCALE 1:24,000
CONTOUR INTERVAL 10 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
THE MEAN RANGE OF TIDE IS APPROXIMATELY 0.9 METER
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

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ROAD CLASSIFICATION
Heavy-duty ——— Light-duty ———
Medium-duty ——— Unimproved dirt ———
Interstate Route ——— U.S. Route ——— State Route ———

EXPOSED AT LOW TIDE
DEPTH GRADIENT
0 16.4 32.8
Maximum depth

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ALEXANDRIA, VA.—D.C.—MD.
38077-G1-TB-024
1965
PHOTOREVISED 1983
BATHYMETRY ADDED 1982
DMA 5561 I SE-SERIES V834

UTM GRID AND 1983 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET