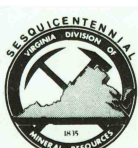
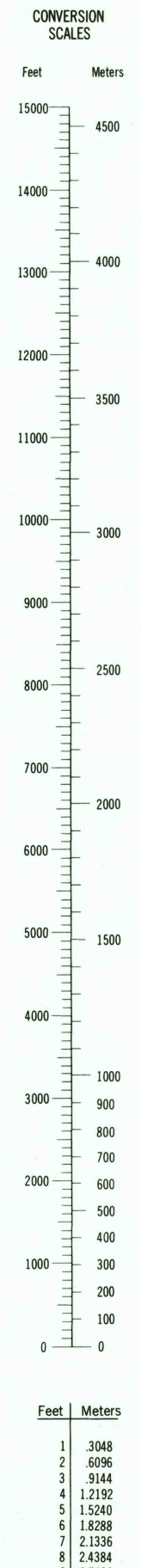


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



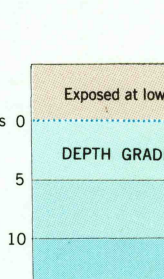
ALEXANDRIA QUADRANGLE
VIRGINIA—DISTRICT OF COLUMBIA—MARYLAND
7.5 MINUTE SERIES (TOPOGRAPHIC-BATHYMETRIC)



To convert feet to meters
multiply by 0.3048

To convert meters to feet
multiply by 3.2808

USGS Library
Reston, VA
Topo Archive



RETURN TO:
USGS AND HISTORICAL MAP ARCHIVES

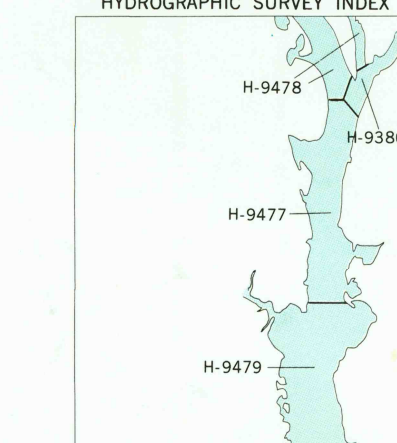
Mapped, edited, and published by the Geological Survey
and the National Ocean Service
Control by USGS, NOS/NOAA, USCE, NCPS, and WSSC
Topography by photogrammetric methods from aerial photographs taken
1955. Field checked 1956. Revised 1965
Bathymetry compiled by the National Ocean Service from tide-coordinated
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

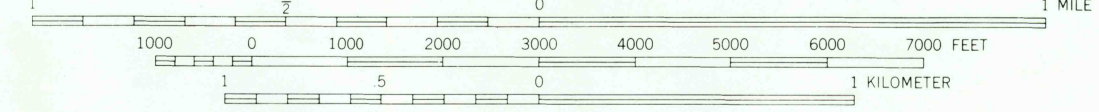
Revisions shown in purple and woodland compiled in cooperation with
Commonwealth of Virginia agencies from aerial photographs taken
1981 and other sources. This information not field checked
Map edited 1983
Purple tint indicates extension of urban areas

NATIONAL OCEAN SERVICE
HYDROGRAPHIC SURVEY INDEX



Survey Number	Survey Date	Survey Scale	Survey Line Spacing (Nautical Miles)
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

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

QUADRANGLE LOCATION
VIRGINIA
MARYLAND
DISTRICT OF COLUMBIA

ALEXANDRIA, VA.—D.C.—MD.
38077-G1-TB-024

1965
PHOTOREVISED 1983
BATHYMETRY ADDED 1982
DMA 5561 1 SE—SERIES 1834

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, 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

UTM GRID AND 1983 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

