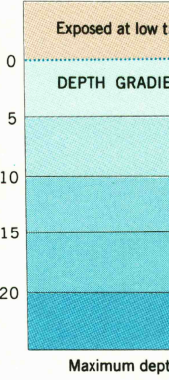


To convert feet to meters multiply by .3048
To convert meters to feet multiply by 3.2808



Mapped by the Defense Mapping Agency Edited and published by the Geological Survey and the National Ocean Survey
Control by USGS, NOS/NOAA, and USCE
Topography by photogrammetric methods from aerial photographs taken 1950. Field checked 1956. Revised by the Geological Survey 1966
Bathymetry compiled by the National Ocean Survey 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 Maryland coordinate system, and Virginia coordinate system, north zone 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
There may be private inholdings within the boundaries of the National or State reservations shown on this map
Revisions shown in purple compiled by the Geological Survey in cooperation with the Commonwealth of Virginia agencies from aerial photographs taken 1977 and other sources. This information not field checked. Map edited 1978

NATIONAL OCEAN SURVEY HYDROGRAPHIC SURVEY INDEX

Survey Number	Survey Date	Survey Scale	Survey Line spacing (Naut. Miles)
H-9292	1973	1:10,000	02-05
H-9322	1972	1:10,000	01-06
H-9324	1972-74	1:10,000	01-05
H-9349	1973	1:10,000	01-05

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 0.5 METER

ROAD CLASSIFICATION

Heavy-duty	Light-duty
Medium-duty	Unimproved dirt

State Route

INDIAN HEAD, MD.-VA.
SW/4 INDIAN HEAD 15 QUADRANGLE
38077-E2-TB-024

1966
PHOTOREVISED 1978
BATHYMETRY ADDED 1982
DMA 5561 II SW—SERIES V835

BASE MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
BATHYMETRIC SURVEY DATA COMPLES 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 22082
NATIONAL OCEAN SURVEY, 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 1978 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

QUADRANGLE LOCATION

NOV 03 1987
REC'D FILE COPY

USGS NMD HISTORICAL MAP