



Produced by the United States Geological Survey and the National Ocean Service
Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1963. Field checked 1964
Supersedes U. S. Coast and Geodetic Survey map dated 1946

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. 1927 North American Datum

10,000-foot grid based on Virginia coordinate system, south zone

1000-meter Universal Transverse Mercator grid ticks, zone 18 shown in blue

To place on the predicted North American Datum 1983, move the projection lines 10 meters south and 29 meters west as shown by dashed corner ticks

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 1979

Map photorevised 1981
No major culture or drainage changes observed

NATIONAL OCEAN SERVICE
HYDROGRAPHIC SURVEY INDEX

HYDROGRAPHIC SURVEY INFORMATION

SURVEY NUMBER	SURVEY DATE	SURVEY SCALE	SURVEY LINE SPACING (NAUT. MILES)
H-8185	1954	1:10,000	02-06
H-8186	1954	1:10,000	02-06
H-8187	1954	1:10,000	01-05

SCALE 1:24,000

CONTOUR INTERVAL 10 FEET
DOTTED LINES REPRESENT 5 FOOT CONTOURS
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
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 1986 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

ROAD CLASSIFICATION

Primary highway, all weather, hard surface
Secondary highway, all weather, hard surface
Light-duty road, all weather, improved surface
Unimproved road, fair or dry weather
Slate Route

QUADRANGLE LOCATION

IRVINGTON, VA.
37076-F4-TB-024
PHOTOINSPECTED 1981
1968
PHOTOREVISED 1979
BATHYMETRY ADDED 1986
DMA 5759 III NW-SERIES V834