



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.
North American Datum of 1983 (NAD 83) is shown by dashed corner ticks. The values of the shift between NAD 27 and NAD 83 for 7.5-minute intersections are given in USGS Bulletin 1875.
Photorevised from 1990 source; no major culture or drainage changes observed. Boundaries and names revised 1992.
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.

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

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

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
- State Route

IRVINGTON, VA.
37076-F4-TB-024

1968
PHOTOREVISED 1979
BATHYMETRY ADDED 1986
MINOR REVISION 1992
DMA 5759 III NW - SERIES V834

QUADRANGLE LOCATION

UTM GRID AND 1992 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

IRVINGTON
ISBN # 06075962841 VA C24
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