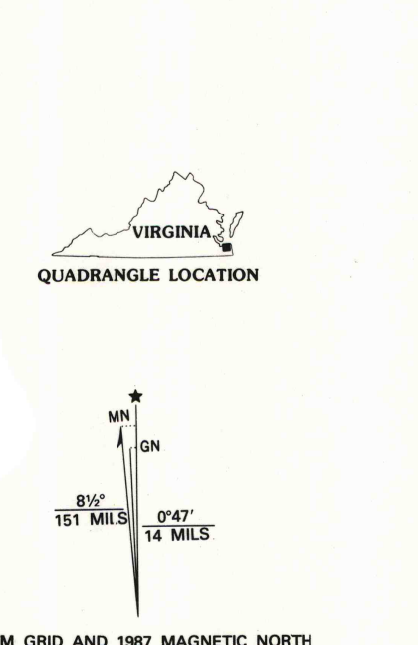


Produced by the United States Geological Survey and the National Ocean Service in cooperation with Commonwealth of Virginia agencies  
Control by USGS and NOS/NOAA  
Topography by photogrammetric methods from aerial photographs taken 1963. Field checked 1965  
Bathymetry compiled by the National Ocean 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. 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 11 meters south and 30 meters west as shown by dashed corner ticks  
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  
Map photorevised 1989  
No major culture or drainage changes observed



SCALE 1:24 000  
CONTOUR INTERVAL 5 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

HYDROGRAPHIC SURVEY INFORMATION

SURVEY NUMBER	SURVEY DATE	SURVEY SCALE	SURVEY LINE SPACING (MINUT. MILES)
H-1515a	1982	1:10,000	02.06
H-4084	1919	1:10,000	01.07
H-4082	1920	1:10,000	01.08
H-6832	1943	1:10,000	01.04
H-7171	1947	1:10,000	01.03
H-6930	1944	1:5,000	01.04
H-7171	1947	1:10,000	01.03
H-7783	1949	1:10,000	01.07
H-7824	1956	1:10,000	02.06
H-7894	1951	1:10,000	02.08
H-6832	1943	1:10,000	01.04

NOS CHART 12245 DEC 1984 1:20,000

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

NORFOLK NORTH, VA.  
36076-H3-TB-024  
PHOTOINSPECTED 1989  
1965  
PHOTOREVISED 1986  
BATHYMETRY ADDED 1986  
DMA 5757 IV NE-SERIES 7834

Revision 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

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