



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

COMMONWEALTH OF VIRGINIA  
DIVISION OF MINERAL RESOURCES  
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NORFOLK SOUTH QUADRANGLE  
VIRGINIA  
7.5 MINUTE SERIES (TOPOGRAPHIC)

Mapped, edited, and published by the Geological Survey  
Control by USGS, USC&GS, and USCE  
Topography by photogrammetric methods from aerial  
photographs taken 1963. Field checked 1965  
Supersedes Army Map Service map dated 1955  
Selected hydrographic data compiled from USC&GS Chart 452 (1965)  
This information is not intended for navigational purposes  
Polyconic projection. 1927 North American datum  
10,000-foot grid based on Virginia coordinate system, south zone  
1000-metre Universal Transverse Mercator grid ticks,  
zone 18, shown in blue  
Red tint indicates areas in which only landmark buildings are shown  
Map photoinspected 1973  
No major culture or drainage changes observed

UTM GRID AND 1970 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET

SCALE 1:24,000  
CONTOUR INTERVAL 5 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929  
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOW WATER  
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER  
THE MEAN RANGE OF TIDE IS APPROXIMATELY 2.7 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR THE U.S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092  
AND VIRGINIA DIVISION OF MINERAL RESOURCES, CHARLOTTESVILLE, VIRGINIA 22903  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

Revisions shown in purple compiled in cooperation with  
Commonwealth of Virginia agencies from aerial photographs  
taken 1970. This information not field checked  
Purple tint indicates extension of urban areas

ROAD CLASSIFICATION  
Heavy-duty ——— Light-duty ———  
Medium-duty ——— Unimproved dirt ———  
Interstate Route U.S. Route State Route  
NORFOLK SOUTH, VA.  
N3645—W7615/7.5  
PHOTOINSPECTED 1973  
1965  
PHOTOREVISED 1970  
AMS 5757 IV SE—SERIES 19834  
USGS  
Historical File  
Topographic Division  
AUG 0 2 1976