



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

UNITED STATES  
DEPARTMENT OF THE ARMY  
CORPS OF ENGINEERS

ACHILLES QUADRANGLE  
VIRGINIA  
7.5 MINUTE SERIES (TOPOGRAPHIC)  
SW 4 MATHEWS 15' QUADRANGLE

Mapped by the Army Map Service and the Geological Survey  
Published for civil use by the Geological Survey  
Control by USGS, USC&GS, and Commission of Fisheries of Virginia  
Topography from aerial photographs by photogrammetric methods  
Aerial photographs taken 1942; Culture and drainage revised  
from aerial photographs taken 1955. Field check 1957  
Hydrography compiled from USC&GS chart 494 (1956)  
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

SCALE 1:24,000  
1 0 1000 2000 3000 4000 5000 6000 7000 FEET  
1 KILOMETER  
CONTOUR INTERVAL 10 FEET  
DATUM IS MEAN SEA LEVEL  
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 FEET

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

U.S.G.S.  
FILE COPY  
TOPOGRAPHIC  
ACHILLES, VA.  
SW 4 MATHEWS 15' QUADRANGLE  
N 3715-W 7622.5/7.5  
1957

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