



Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1967. Field checked 1968

Supersedes U. S. Coast and Geodetic Survey Old Church map dated 1947

Selected hydrographic data compiled from USC&GS Chart 496 (1969)

This information is not intended for navigational purposes

Polycyclic 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 27 meters west as shown by dashed corner ticks

UTM GRID AND 1987 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24,000

CONTOUR INTERVAL 10 FEET
DOTTED LINES REPRESENT 5-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOW WATER
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 3 FEET

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225 OR 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 and woodland compiled in cooperation with Commonwealth of Virginia agencies from aerial photographs taken 1984 and other sources. This information not field checked. Map edited 1987

ROAD CLASSIFICATION

Primary highway, hard surface
Secondary highway, hard surface
Interstate Route
Light-duty road, hard or improved surface
Unimproved road
U. S. Route
State Route

MANQUIN, VA.
37077-F2-TF-024

1968
PHOTOREVISED 1987
DMA 5559 II NW—SERIES V834

RECEIVED
SEP 14 1987
USGS MINERAL MAP