



Mapped, edited, and published by the Geological Survey  
Control by USGS and NOS/NOAA  
Topography by photogrammetric methods from aerial photographs taken 1966. Field checked 1968  
Selected hydrographic data compiled from NOS chart 529 (1968)  
This information is not intended for navigational purposes  
Polyconic projection. 10,000-foot grid based on Virginia coordinate system, south zone  
1000-meter Universal Transverse Mercator grid ticks, zone 18, shown in blue. 1927 North American Datum  
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  
Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked

UTM GRID AND 1986 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET  
Map photorevised 1989  
No major culture or drainage changes observed

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 2.8 FEET  
THIS MAP COMPLES WITH NATIONAL MAP ACCURACY STANDARDS  
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

USGS AND HISTORICAL MAP ARCHIVES  
AUG 22 1991  
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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  
U. S. Route  
State Route  
SMITHFIELD, VA.  
36076-46-7F-024  
PHOTOINSPECTED 1989  
1968  
PHOTOREVISED 1986  
DMA 5657 1 NW—SERIES V834

Revisions shown in purple compiled in cooperation with Commonwealth of Virginia agencies from aerial photographs taken 1982 and other source data. This information not field checked. Map edited 1986