



Produced by the United States Geological Survey  
 Topography compiled 1963. Planimetry derived from imagery taken 1994 and other sources. Survey control current as of 1982  
 Selected hydrographic data compiled from NOS charts 12241 (1979) and 12245 (1982). This information is not intended for navigational purposes  
 North American Datum of 1983 (NAD 83). Projection and 1 000-meter grid: Universal Transverse Mercator, zone 18  
 2 500-meter ticks: Virginia Coordinate System of 1983 (south zone)  
 North American Datum of 1927 (NAD 27) is shown by dashed corner ticks. The values of the shift between NAD 83 and NAD 27 for 7.5-minute intersections are obtainable from National Geodetic Survey NADCON software  
 There may be private inholdings within the boundaries of the National or State reservations shown on this map  
 Landmark buildings verified 1982

SCALE 1:24 000

CONTOUR INTERVAL 10 FEET  
 SUPPLEMENTARY CONTOUR INTERVAL 5 FEET  
 NATIONAL GEODETIC VERTICAL DATUM OF 1929  
 TO CONVERT FROM FEET TO METERS, MULTIPLY BY 0.3048  
 DEPTH CURVES AND SOUNDINGS IN FEET, DATUM IS MEAN LOWER LOW WATER  
 THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE  
 THE MEAN RANGE OF TIDE IS APPROXIMATELY 6 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
 FOR SALE BY U.S. GEOLOGICAL SURVEY, P.O. BOX 25286, DENVER, COLORADO 80225  
 AND VIRGINIA DIVISION OF MINERAL RESOURCES, CHARLOTTEVILLE, VIRGINIA 22903  
 A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION

Primary highway	hard surface	Light-duty road, hard or improved surface
Secondary highway	hard surface	Unimproved road

Interstate Route U.S. Route State Route

QUADRANGLE LOCATION

1	2	3
4	5	6
7	8	

1 Williamsburg  
 2 Clay Bank  
 3 Achilles  
 4 Hog Island  
 5 Potomac West  
 6 Bascom Cade  
 7 Mulberry Island  
 8 Newport News North

ADJOINING 7.5' QUADRANGLE NAMES

YORKTOWN, VA  
 1994  
 NIMA 5658 II NE-SERIES V834

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