



Produced by the United States Geological Survey in cooperation with Commonwealth of Virginia, Departments of Mines, Minerals and Energy, and Transportation. Topography compiled 1950. Planimetry derived from imagery taken 1994. Survey control current as of 1956. Contours that conflict with updated major features are dashed. 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 (north 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.

UTM GRID AND 1997 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

CONTOUR INTERVAL 10 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929  
TO CONVERT FROM FEET TO METERS, MULTIPLY BY 0.3048

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	1 Manassas
			2 Fairfax
			3 Annandale
			4 Independent Hill
4	5	5	5 Fort Belvoir
			6 Joplin
			7 Quantico
6	7	8	8 Indian Head

ADJOINING 7.5' QUADRANGLE NAMES

OCCOQUAN, VA  
1994  
DMA 5561 III NE-SERIES V834

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