



Mapped, edited, and published by the Geological Survey  
Control by USGS and NOS/NOAA  
Topography from aerial photographs by multiplex methods  
Aerial photographs taken 1947. Field check 1951  
Polyconic projection. 1927 North American Datum  
10,000-foot grid based on Minnesota coordinate system, north zone  
1000-meter Universal Transverse Mercator grid ticks,  
zone 15, shown in blue  
Red tint indicates areas in which only  
landmark buildings are shown  
To place on the predicted North American Datum 1983,  
move the projection lines 6 meters north and  
14 meters east as shown by dashed corner ticks  
There may be private inholdings within the boundaries of  
the National or State reservations shown on this map

SCALE 1:24,000  
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET  
1 5 0 1 KILOMETER

CONTOUR INTERVAL 10 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

Revisions shown in purple and woodland compiled from  
aerial photographs taken 1981 and other source data  
Partial field check by U. S. Forest Service. Map edited 1985  
Purple tint indicates extension of urban area

ROAD CLASSIFICATION  
Heavy-duty ——— 4 LANE 6 LANE Light-duty ———  
Medium-duty ——— 4 LANE 6 LANE Unimproved dirt ———  
U.S. Route ——— State Route ———

UTM GRID AND 1985 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET

QUADRANGLE LOCATION

VIRGINIA, MINN.  
47092-E5-TF-024

1951  
PHOTOREVISED 1985  
DMA 7479 II SE-SERIES V872

U.S. Regional  
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