UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

COMMONWEALTH OF VIRGINIA
DIVISION OF MINERAL RESOURCES
JAMES L. CALVER, STATE GEOLOGIST

RAPIDAN QUADRANGLE
VIRGINIA
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE/4 RAPIDAN 15' QUADRANGLE

5360 I NW (BRIGHTWOOD)
5360 I NE (CULPEPER WEST)
5460 IV NW (CULPEPER EAST)
5360 I SW (MADISON MILLS)
5460 IV SW (UNIONVILLE)
(GORDONSVILLE) 5360 II NW
(ORANGE) 5360 II NE
(LAHORE) 5460 III NW

78°07'30" 38°22'30" 752 000m E. 753 5' 755 756 757 758 2'30" 759 761 2 140 000 FEET 78°00' 38°22'30" 4251 000m N.

CULPEPER 8 MI.
2.5 MI. TO U.S. 522
MADISON MILLS 4.1 MI.
GORDONSVILLE 9 MI.
1.3 MI. TO U.S. 15
4.5 MI. TO U.S. 15
MADISON MILLS 1.1 MI.
UNIONVILLE 1.7 MI.

MADISON CO
CULPEPER CO
ORANGE CO

Crooked Run
White Oak Run
Beaverdam Run
Great Run
Cedar Mountain
Cabin Branch
Buzzard Mountain
Clark Mountain
Jerdone Mtn
Mountain Run
ROBINSON RIVER
RAPIDAN RIVER
SOUTHERN
PIPELINE

White Oak Run Ch
Crooked Run Ch
Buena
Cedar Grove Ch
Rapidan
Emmanuel Cem
Trimmers Crossing
Woodberry Forest Sch
Gaging Sta
Hopewell Ch
Clifton
Nasons
Orange
Radio Tower
Radio Towers
Radio Tower (WJMA)
Mt Calvary Ch
Golf Course
Quarries
Quarry

BM 332
BM 311
BM 346
BM 321
BM 469
BM 396
BM 784
BM 1082
BM 451
BM 456

4251 4250 4249 4248 4247 4246 4245 4244 4243 4242 4241 4240 4238 000m N.
20' 17'30" 15' 12'30"
250 000 FEET 220 000 FEET

2 110 000 FEET

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1959. Field checked 1961. Revised from aerial photographs taken 1969. Field checked 1971

Polyconic projection. 1927 North American datum
10,000-foot grid based on Virginia coordinate system, north zone
1000-meter Universal Transverse Mercator grid ticks, zone 17, shown in blue

Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked

The difference between 1927 North American Datum and North American Datum of 1983 (NAD 83) for 7.5-minute intersections is given in USGS Bulletin 1875. The NAD 83 is shown by dashed corner ticks

MN GN
6½° 116 MILS 1°49' 32 MILS
UTM GRID AND 1971 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

Map photoinspected 1984
No major culture or drainage changes observed

SCALE 1:24 000
1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 KILOMETER
CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES 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

VIRGINIA
QUADRANGLE LOCATION

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

USGS NMD HISTORICAL MAP ARCHIVES
MAR 0 2 1992
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INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1992

RAPIDAN, VA.
SE/4 RAPIDAN 15' QUADRANGLE
38078-C1-TF-024

1971
PHOTOINSPECTED 1984
DMA 5360 I SE—SERIES V834