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Polyconic projection. 1927 North American datum
10,000-foot grids based on Virginia coordinate system,
north zone, and West Virginia coordinate system, south 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

Diagram illustrating the geometry of the observation. A star is shown at the top. Two lines of sight, MN and GN, originate from different points on the Earth's surface. The line MN is at an altitude of 5° and a distance of 89 miles. The line GN is at an altitude of $0^\circ 58'$ and a distance of 17 miles.

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, WASHINGTON, D. C. 20242
AND VIRGINIA DIVISION OF MINERAL RESOURCES, CHARLOTTESVILLE, VIRGINIA 22903
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

5160 IV SW
SCALE 1:24 000

CONTOUR INTERVAL 40 FEET

DATUM IS MEAN SEA LEVEL

IMPLIES WITH NATIONAL MAP ACCURACY
U.S. GEOLOGICAL SURVEY, WASHINGTON

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OPOGRAPHIC MAPS AND SYMBOLS I

USGS
Historical File
Topographic Division



VIRGINIA

QUADRANGLE LOCATION

U.S.G.S.
FILE COPY
TOPOGRAPHIC DIVISION

ROAD CLASSIFICATION

Primary highway, all weather, hard surface	Light-duty road, all weather, improved surface
Secondary highway, all weather, hard surface	Unimproved road, fair or dry weather

 U. S. Route  State Route

DOE HILL VA W VA

NW/4 MC DOWELL 15' QUADRANGLE
N3822.5—W7922.5/7.5

1968

AMS 5160 IV NW—SERIES V834

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5160 IV SE

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