UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF MARYLAND
DEPARTMENT OF GEOLOGY, MINES,
AND WATER RESOURCES
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AVILTON QUADRANGLE
MARYLAND-PENNSYLVANIA
7.5 MINUTE SERIES (TOPOGRAPHIC)

5163 I (MEYERSDALE 1:62500)

5263 IV (BERLIN 1:62500)

(BITTINGER) 5163 II SW

(LONACONING) 5263 III SW

5163 II NW (GRANTSVILLE)

5263 III NW (FROSTBURG)

(BARTON) 5163 II SE

Mapped, edited, and published by the Geological Survey

Control by USGS

Topography from aerial photographs by multiplex methods
Aerial photographs taken 1946. Field check, 1947

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

Extent of state forest areas uncertain

UTM GRID AND 1947 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

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

USGS
Historical File
Topographic Division

ROAD CLASSIFICATION

HARD-SURFACE ALL WEATHER ROADS		DRY WEATHER ROADS
Heavy-duty	4 LANE 6 LANE	Improved dirt
Medium-duty	4 LANE 6 LANE	Unimproved dirt
Loose-surface, graded, or narrow hard-surface		

U. S. Route State Route

U.S.G.S.
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TOPOGRAPHIC DIVISION

AVILTON, MD.-PA.
N3937.5-W7900/7.5
1947
AMS 5163 II NE—SERIES V833

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