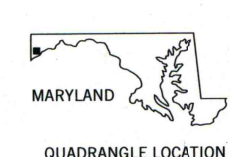
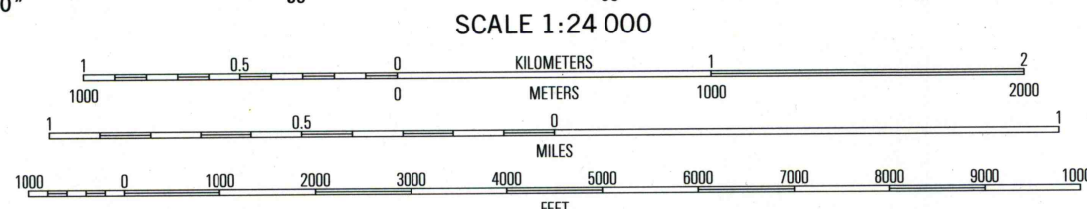
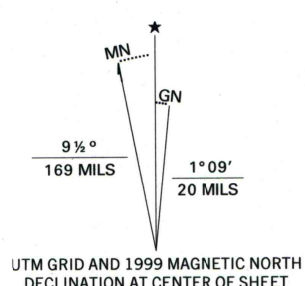


Produced by the United States Geological Survey  
Topography compiled 1946. Planimetry derived from imagery taken 1974 and other sources. Photoinspected using imagery taken 1994; no major culture or drainage changes observed. Survey control current as of 1947. Boundaries revised 1999.  
North American Datum of 1927 (NAD 27). Projection and 10 000-foot ticks: Maryland coordinate system (Lambert conformal conic).  
1000-meter Universal Transverse Mercator grid, zone 17  
North American Datum of 1983 (NAD 83) is shown by dashed corner ticks. The values of the shift between NAD 27 and NAD 83 for 7.5-minute intersections are obtainable from National Geodetic Survey NADCON software.  
There may be private inholdings within the boundaries of the National or State reservations shown on this map.  
Information shown in purple may not meet USGS content standards and may conflict with previously mapped contours.



QUADRANGLE LOCATION

ROAD CLASSIFICATION

Primary highway	Light-duty road, hard or improved surface
hard surface	improved surface
Secondary highway	hard surface
Unimproved road	

Interstate Route U.S. Route State Route

CONTOUR INTERVAL 20 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929  
TO CONVERT FROM FEET TO METERS, MULTIPLY BY 0.3048

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, P.O. BOX 25286, DENVER, COLORADO 80225  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

1	2	3
4	5	6
7	8	9

ADJOINING 7.5' QUADRANGLE NAMES

- 1 Accident
- 2 Grantsville
- 3 Avilton
- 4 Mchenny
- 5 Barton
- 6 Deer Park
- 7 Kitzmiller
- 8 Westport

BITTINGER, MD  
1994  
NIMA 5163 II SW-SERIES V833

