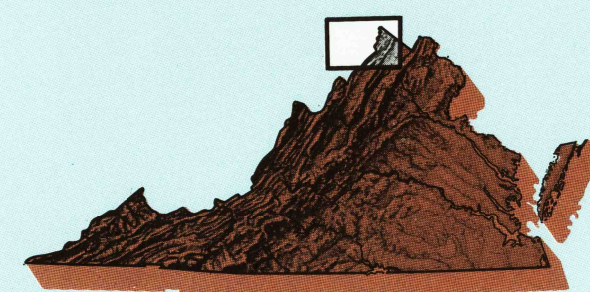


## Winchester

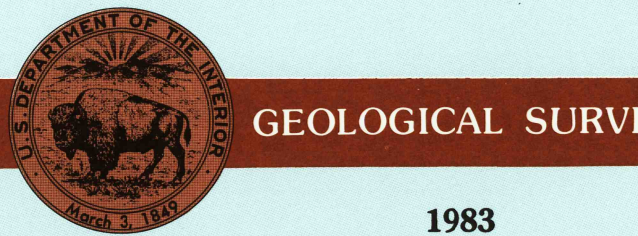
**VIRGINIA – WEST VIRGINIA**  
**MARYLAND**

**1:100 000-scale *metric*  
topographic map**



**30 X 60 MINUTE QUADRANGLE  
SHOWING**

- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names



**Produced by the United States Geological Survey**  
Compiled from DMA 1:50 000-scale topographic maps dated 1977-1979. Plantings revised from aerial photographs taken 1982 and other source data. Revised information not field checked. Map edited 1983

Projection and 10 000-meter grid, zone 17: Universal Transverse Mercator. 250 000-foot grid ticks based on West Virginia coordinate system, north zone, and Virginia coordinate system, north zone 1927 North American Datum.

To place on the predicted North American Datum 1983 move the projection lines 7 meters south and 23 meters west

There may be private inholdings within the boundaries of the National or State reservations shown on this map

CONTOUR INTERVAL 20 METERS  
NATIONAL GEODETIC VERTICAL DATUM OF 1985  
ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

Meters	Feet
1	3.2808
2	6.5617
3	9.8425
4	13.1234
5	16.4042
6	19.6850
7	22.9659
8	26.2467
9	29.5276
10	32.8084

**DECLINATION DIAGRAM**

UTM grid convergence  
(GN) and 1983 magnetic  
declination (M)  
at center of map  
Diagram is approximate

1	2	3
4	4	5
6	7	8

1 Morganston  
2 Cumberland  
3 Hagerstown  
4 Knapwood  
5 Frederick  
6 Elkins  
7 Front Royal  
8 Washington West

FOR SALE BY U. S. GEOLOGICAL SURVEY  
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

## Topographic Map Symbols

Primary highway, hard surface	
Secondary highway, hard surface	
Light duty road, principal street, hard or improved surface	
Other road or street; trail	
Route marker: Interstate, U. S. State	
Railroad, standard gauge, narrow gauge	
Bridge; overpass	
Tunnel; road, railroad	
Built up area; locality; elevation	
Airport; landing field; landing strip	
National boundary	
State boundary	
County boundary	
National or State reservation boundary	
Land grant boundary	
U. S. public lands survey: range, township; section	
Range, township; section line; protected	
Power transmission line; pipeline	
Dam, dam with lock	
Cemetery; building	
Windmill; water wheel; spring	
Mine shaft; adit or cave; mine; quarry; gravel pit	
Campground; picnic area; U. S. location number	
Roints; ddt wells	
Dissected surface; steep mine; low sand	
Hydrographic contours; intermediate, supplementary	
Stream, lake; perennial; intermittent	
Rapids, large and small; falls, large and small	
Area to be submerged; marsh, swamp	
Land subject to controlled inundation; woodland	
Swamp; mangrove	
Orchard; vineyard	

A pamphlet describing topographic maps is available on request

APR 28 1988

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**WINCHESTER, VIRGINIA – WEST VIRGINIA – MARYLAND**

30 X 60 MINUTE SERIES (TOPOGRAPHIC)



● INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1987

WINCHESTER, VA. - W. VA. - MD.

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