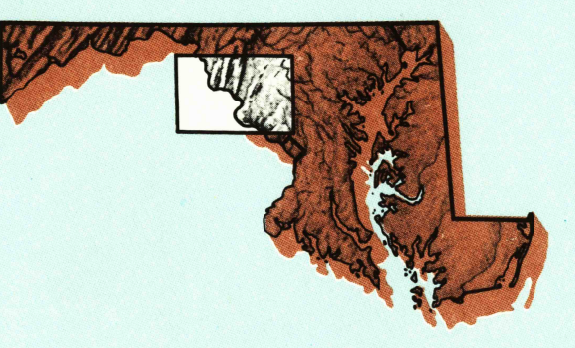


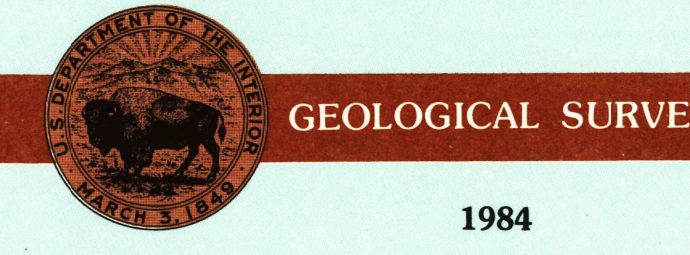


# Frederick

MARYLAND—VIRGINIA—  
WEST VIRGINIA  
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 USGS 1:24 000-scale topographic maps dated 1969–1980. Planimetry revised from aerial photographs taken 1981 and other source data. Revised information not field checked. Map edited 1984.  
 Projection and 10 000-meter grid, zone 18: Universal Transverse Mercator.  
 25 000-foot grid ticks based on Maryland coordinate system, Virginia coordinate system, north zone, and West Virginia coordinate system, north zone.  
 1927 North American Datum  
 To place on the predicted North American Datum 1983 move the projection lines 8 meters south and 25 meters west.  
 There may be private inholdings within the boundaries of the National or State reservations shown on this map.

CONTOUR INTERVAL 10 METERS  
 NATIONAL GEODETIC VERTICAL DATUM OF 1929  
 ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
 JAN 16 1991  
 REC'D FILE COPY

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

To convert meters to feet multiply by 3.2808  
 To convert feet to meters multiply by 0.3048

DECLINATION	DIAGRAM	ADJOINING MAPS
1		1 Cumberland
2		2 Hagerstown
3		3 York
4		4 Winchester
5		5 Baltimore
6		6 Front Royal
7		7 Washington West
8		8 Washington East

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 gage; narrow gage
- Bridge: overpass; underpass
- 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
- Witchall; water well; spring
- Mine shaft, adit or cave; mine, quarry; gravel pit
- Campground; picnic area; U.S. location monument
- Ruins; cliff dwelling
- Distorted surface: strip mine, levee, sand
- Contours: index, intermediate, supplementary
- Bathymetric contours: index, intermediate
- Stream, lake: perennial; intermittent
- Rapids, large and small; falls, large and small
- Area to be submerged; marsh, swamp
- Land subject to controlled inundation; woodland
- Sand; mangrove
- Orchard; vineyard

A pamphlet describing topographic maps is available on request