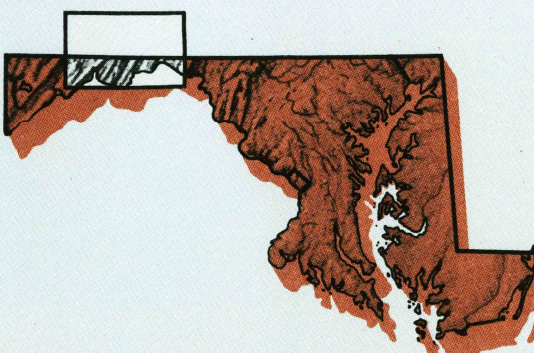




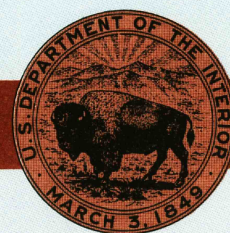
1:100 000-scale metric
topographic map of

Cumberland
MD.- PA.- W.VA.



30 X 60 MINUTE QUADRANGLE
SHOWING

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



GEOLOGICAL SURVEY

1981

Produced by the United States Geological Survey

Compiled from USGS 1:24,000-scale topographic maps dated 1958-1974. Planimetry revised from aerial photographs taken 1977 and other source data. Revised information not field checked. Map edited 1981.

Projection and 10 000-meter grid, zone 17: Universal Transverse Mercator
25 000-foot grid ticks based on Pennsylvania coordinate system, south zone; Maryland coordinate system, and West Virginia coordinate system, north zone
1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 6 meters south and 22 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 1929
ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE

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	29.5275
10	32.8084

To convert meters to feet multiply by 3.2808

To convert feet to meters multiply by 0.3048

DECLINATION DIAGRAM

The diagram shows two vertical lines representing north. The left line is labeled 'M' for Magnetic North and the right line is labeled 'N' for True North. An arc between the two lines is labeled '142 MILS'. Below the lines, there are two labels: '142 MILS' on the left and '28 MILS' on the right, indicating the declination at different points.

UTM grid convergence (GM) and 1981 magnetic declination (MD) at center of map. Diagram is approximate

ADJOINING MAPS

1	2	3
4	5	
6	7	8

- 1 Johnston
- 2 Morgantown
- 3
- 4 Morgantown
- 5
- 6 Kingswood
- 7 Frederick
- 8 Frederick

FOR SALE BY U. S. GEOLOGICAL SURVEY
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	
Roads meter: Interstate, U. S., State	
Railroad: standard gauge, narrow gauge	
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, protruded	
Power transmission line, pipeline	
Dam, dam with lock	
Cemetery, building	
Windmill, 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, lava, sand	
Contours: index, intermediate, supplementary	
Bathymetric contours: index, intermediate	
Stream, lake, swamp, intermittent	
Rapids, large and small, falls, large and small	
Area to be submerged: marsh, swamp	
Land subject to controlled inundation, woodland	
Scrub, mangrove	
Orchard, vineyard	

A pamphlet describing topographic maps is available on request