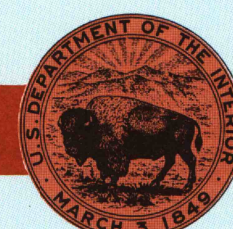




30 X 60 MINUTE QUADRANGLE
SHOWING

- 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 1959-1976. Planimetry revised from aerial photographs taken 1976-1979 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 West Virginia coordinate
system, north and south zones, and Maryland coordinate system
1927 North American Datum

To place on the predicted North American Datum 1983 move the projection lines 7 meters south and 20 meters west

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

CONTOUR INTERVAL 50 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	3.28089
2	6.56178
3	9.84267
4	13.1235
5	16.4043
6	19.6850
7	22.9659
8	26.2467
9	29.5276
10	32.8084

To convert meters to feet multiply by 3.28089

To convert feet to meters multiply by 0.3048

DECLINATION DIAGRAM

UTM grid convergence (GN) and 1981 magnetic declination (MN) at center of map
Diagram is approximate

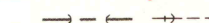
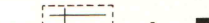
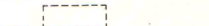
ADJOINING MAPS

1	2	3
1	2	3
4	5	6
6	7	8

- 1 Moundsville
- 2 Morgantown
- 3 Cumberland
- 4 Charlesburg
- 5 Winchester
- 6 Sutton
- 7 Elkins
- 8 Front Royal

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	
Route marker, 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; can with lock	
Cemetery, building	
Wellhead; water well; spring	
Mine shaft; adit or cave; mine, quarry, gravel pit	
Cemetary, picnic, U. S. location monument	
Dike; off dwelling	
Disturbed surface; strip mine, lake, 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; swamp	
Orchard; vineyard	

A pamphlet describing topographic maps is available on request.