



1:100 000-scale metric topographic map of

Bluefield

WEST VIRGINIA-VIRGINIA

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 1958-1979. Planimetry revised from aerial photographs taken 1976, 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 Virginia coordinate system, south zone, and the West Virginia coordinate system, south zone

1927 North American Datum

To place on the predicted North American Datum 1983 move the projection lines 8 meters south and 14 meters west

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

CONTOUR INTERVALS 50 METERS

NATIONAL GEODETIC VERTICAL DATUM OF 1929

ELEVATION SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM	ADJOINING MAPS				
Meters	Feet		1	2	3	4	5
1	3.2808		1	2	3	4	5
2	6.5617		6	7	8	9	10
3	9.8426		11	12	13	14	15
4	13.1234		16	17	18	19	20
5	16.4042		21	22	23	24	25
6	19.6850		26	27	28	29	30
7	22.9658		31	32	33	34	35
8	26.2466		36	37	38	39	40
9	29.5274		41	42	43	44	45
10	32.8084		46	47	48	49	50
To convert meters to feet multiply by 3.2808		UTM grid convergence (GN) and 1981 magnetic declination (MN) at center of map Diagram is approximate	1 Williamson 2 Beckley 3 Lewisburg 4 Pikeville 5 Radcliff 6 Bristol 7 Johnson City 8 Galax				
To convert feet to meters multiply by 0.3048							

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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	
Road marker: Interstate, U. S., State	
Railroad: standard gauge; narrow gauge	
Bridge: concrete; 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: pre-railroad	
Power transmission line: pipeline	
Dam; dam with lock	
Cemetery: building	
Windmill; water well; spring	
Mine shaft; shaft or cave; mine, quarry; gravel pit	
Commemorative: 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, perennial; 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

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