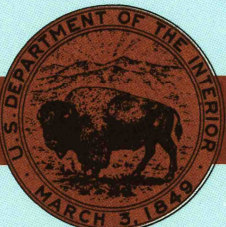


- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names



Produced by the United States Geological Survey
Compiled from USGS 1:24 000-scale topographic maps dated 1961-1983. Planimetry revised from aerial photographs taken 1982 and 1984 and other source data. Revised information not field checked. Map edited 1986.
Projection and 10 000-meter grid, zone 17, Universal Transverse Mercator
25 000-foot grid ticks based on Virginia coordinate system, north and south zones
1927 North American Datum
To place on the predicted North American Datum 1983, move the projection lines 10 meters south and 21 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		DECLINATION DIAGRAM	ADJOINING MAPS			
Meters	Feet		1	2	3	
1	3.281		1	2	3	
2	6.562		4	5		
3	9.843		6	7	8	
4	13.124					
5	16.405					
6	19.686					
7	22.967					
8	26.248					
9	29.529					
10	32.810					
To convert meters to feet multiply by 3.281		UTM grid convergence (GN and 100 magnetic declination (MN) at center of map		1 Marlinton 2 Staunton 3 Charlottesville 4 Lexington 5 Dillham 6 Radford 7 Roanoke 8 Appomattox		
To convert feet to meters multiply by 0.3048		Diagram is approximate				

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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
- 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: protracted
- 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
- Ruin, old 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

