

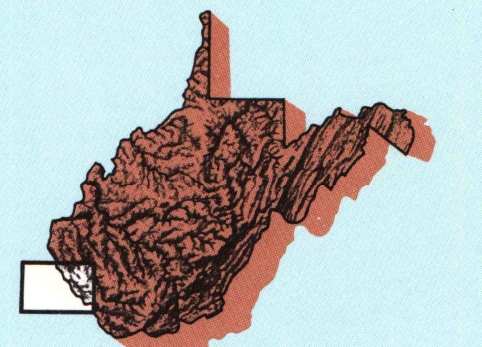
WILLIAMSON, WEST VIRGINIA-KENTUCKY-VIRGINIA

30 X 60 MINUTE SERIES (TOPOGRAPHIC)



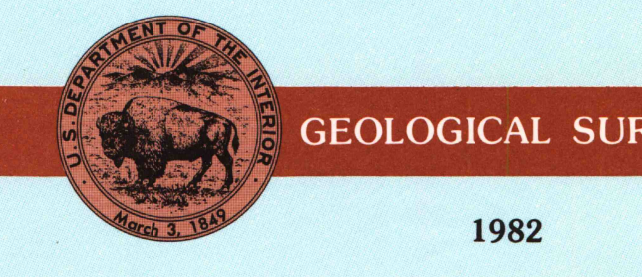
Williamson

W. VA.-KY.-VA.
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 1954-1979. Planimetry revised from aerial photographs taken 1975-1977 and other source data. Revised information not field checked. Map edited 1982.

Projection and 10 000-meter grid, zone 17; Universal Transverse Mercator; 25 000-foot grid lines based on Kentucky coordinate system, south and north zones, and West Virginia coordinate system, south zone; 1927 North American Datum
 To place on the predicted North American Datum 1983 move the projection lines 7 meters south and 11 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	Mag. Decl.	True Decl.	1	2	3
1	3.2808	+	77	1	2	3
2	6.5617	+	77	4	5	
3	9.8425	+	77			
4	13.1234	+	77	6	7	8
5	16.4042	+	77			
6	19.6850	+	77			
7	22.9659	+	77			
8	26.2467	+	77			
9	29.5275	+	77			
10	32.8084	+	77			

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

UTM grid convergence (1983 and 1982 magnetic declination (MM) at center of map
 Diagram is approximate

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 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, rocky; elevation
- Airport, landing field; landing strip
- National boundary
- State boundary
- County boundary
- National or State reservation boundary
- Land grant boundary
- U. S. public land survey, range, township, section
- Range, township; section line, protected
- Power transmission line; pipeline
- Dam; dam with lock
- Cemetery, building
- Windmill; water well; spring
- Mine shaft, adit or ore; mine, quarry; gravel pit
- Campground, picnic area; U. S. location monument
- Ruin; cliff dwelling
- Distorted surface, strip mine, lava, sand
- Bathymetric contours, strip mine, lava, sand
- Stream, lake, pond, reservoir
- Ripids, large and small; falls, large and small
- Area to be submerged, marsh, swamp
- Land subject to controlled inundation, woodland
- Sink, mangrove
- Orchard, vineyard

A pamphlet describing topographic maps is available on request