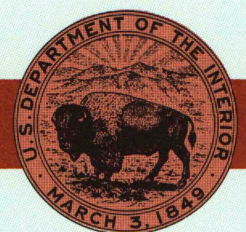




- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names



1977

Projection and 10 000-meter grid, zone 17: Universal Transverse Mercator. 25 000-foot grid ticks based on Kentucky coordinate system, south zone and 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 12 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 STANDARD

Meters	Feet
1	3.2808
2	6.5617
3	9.8425
4	13.1234
5	16.4042
10	32.8084
20	65.6168
30	98.4251
40	131.2336
50	164.0419
60	196.8501
70	229.6584
80	262.4667
90	295.2750
100	328.0833

DECLINATION DIAGRAM

	1	2	3
4	5	6	7
8	9	10	11

To convert meters to feet multiply by 3.2808

To convert feet to meters multiply by 0.3048

UTM grid convergence (GN and 1977 magnetic declination (MN) at center of map Diagram is approximate

1	Irvine
2	Williamson
3	Beckley
4	Hazard
5	Shelbourn
6	Radford
7	Blairfield
8	Wynethville

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Topographic Map Symbols

Primary highway, hard surface	
Secondary highway, hard surface	
Light duty road, gravel, hard or improved surface	
Other road or street; trail	
Route marker: Interstate, U. S. State	
Bridge: overpass; underpass	
Tunnel; road, railroad	
Built up area; locality, elevation	
Airport: landing field; landing strip	
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; with lock	
Cemetery: building	
Windmill; water well; spring	
Mine shaft; adit; ore; mine; quarry; gravel pit	
Campground; picnic area; U. S. location monument	
Ruin; cliff dwelling	
Distorted surface: strip mine, lava, sand	
Contours: intertidal, intermediate	
Streamline: contour: Inter-, intermediate	
Bayou; lake: perennial, intermittent	
Rapids, large and small; falls, large and small	
Area to be submerged; marsh, swamp	
Land subject to controlled inundation; woodland	
Orchard; mangrove	
Scrub; vineyard	

A pamphlet describing topographic maps is available on request.

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