



Bloomington

INDIANA

1:100,000-scale metric
topographic map of

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

1986
PHOTOINSPECTED 1988

Produced by the United States Geological Survey
Compiled from USGS 1:24 000-scale topographic maps
dated 1956-1970. Planimetry revised from aerial
photographs taken 1977, 1983, 1984 and other source data
Revised information not field checked
Map edited 1986

Projection and 10 000-meter grid, zone 16
Universal Transverse Mercator
25 000-foot grid ticks based on Indiana coordinate
system, west and east zones. 1927 North American Datum
To place on the predicted North American Datum 1983 move
the projection lines 2 meters south

There may be private inholdings within the boundaries of
the National or State reservations shown on this map
Map photoinspected using 1987-88 photographs
No major culture or drainage changes found

CONTOUR INTERVAL 20 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

FOR SALE BY U.S. GEOLOGICAL SURVEY
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CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS	
Meters	Feet	UTM grid convergence (GON) and false magnetic declination (MIL) at center of map. Diagram is approximate		1 Paris 2 Indianapolis 3 New Castle 4 Terre Haute 5 Greensburg 6 Vincennes 7 Bedford 8 Madison	
1	3.2808			1	2
2	6.5617			3	3
3	9.8425			4	4
4	13.1234			5	5
5	16.4042			6	6
6	19.6850			7	7
7	22.9659			8	8
8	26.2467				
9	29.5275				
10	32.8084				

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

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HISTORICAL MAP ARCHIVES

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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 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: protected	
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	
Recreational building	
Distorted surface: strip mine, lava; sand	
Contours: index; intermediate; supplementary	
Bathymetric contours: index; intermediate	
Stream, lake: perennial; intermittent	
Reposit, large and small; billy, large and small	
Area to be submerged; marsh, mud, sand	
Land subject to controlled inundation; woodland	
Scrub; mangrove	
Orchard; vineyard	

A pamphlet describing topographic maps is available on request