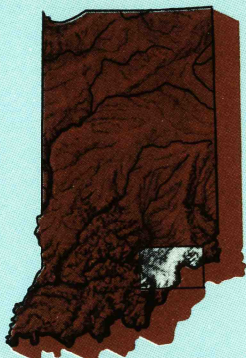


MADISON, INDIANA-KENTUCKY

30 X 60 MINUTE SERIES (PLANIMETRIC)

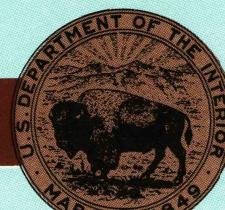
Madison
INDIANA-KENTUCKY

1:100 000-scale
planimetric map



30 X 60 MINUTE QUADRANGLE
SHOWING

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



GEOLOGICAL SURVEY

1986

Produced by the United States Geological Survey

Compiled from USGS 1:24 000-scale topographic maps dated 1958-1981. Planimetry revised from aerial photographs taken 1978 and 1983 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, east zone. 1927 North American Datum.
To place on the predicted North American Datum 1983 move the projection lines 3 meters south and 3 meters east.
There may be private inholdings within the boundaries of the National or State reservations shown on this map.

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
2	3.2808			4	5	
3	6.5617			6	7	8
4	9.8425					
5	13.1234					
6	16.4042					
7	19.6850					
8	22.9659					
9	26.2467					
10	29.5275					
	32.8084					
To convert meters to feet multiply by 3.2808		UTM grid convergence (GCM) and 1983 magnetic declination (MD) at center of map. Diagram is approximate.		1 Bloomington 2 Greentown 3 Cincinnati 4 Bedford 5 Fairmount 6 Jasper 7 Louisville 8 Lexington		
To convert feet to meters multiply by 0.3048						

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225
OR RESTON, VIRGINIA 22092

USGS NMD HISTORICAL MAP

AUG 14 1986

REC'D FILE COPY

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	
Railroad: standard gage; narrow gage	
Bridge: overpass; underpass	
Tunnel: road; railroad	
Build 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	
Dam; dam with lock	
Cemetery; building	
Windmill; water well; spring	
Mine shaft; salt or cave; mine, quarry; gravel pit	
Campground; picnic area; U. S. location monument	
Rail; air; 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

