

New Castle

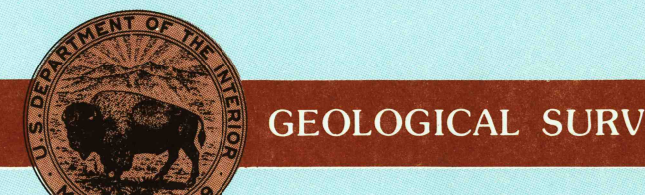
INDIANA

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



1986
PHOTOINSPECTED 1987

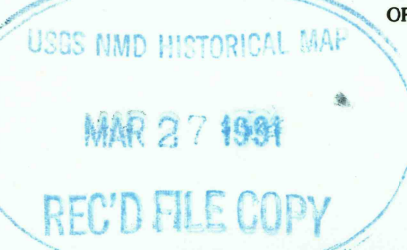
Produced by the United States Geological Survey
Compiled from USGS 1:24 000-scale topographic maps dated 1956-1972. Planimetry revised from aerial photographs taken 1983-84 and other source data. Revised information not field checked. Map edited 1986.
Projection and 10 000-meter grid, zone 16 Universal 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 2 meters south and 3 meters west
There may be private inholdings within the boundaries of the National or State reservations shown on this map
Map photoinspected using 1987 photographs
No major culture or drainage changes found

CONTOUR INTERVAL 10 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	MAGNETIC		1	2	3	4	5
1	3.2808	+						
2	6.5617	+						
3	9.8425	+						
4	13.1234	+						
5	16.4042	+						
6	19.6850	+						
7	22.9658	+						
8	26.2467	+						
9	29.5275	+						
10	32.8084	+						
To convert meters to feet multiply by 3.2808		UTM grid convergence (IGM) and 1983 magnetic declination (MD) at center of map		1 Lafayette				
To convert feet to meters multiply by 0.3048		Diagram is approximate		2 Moline				
				3 Piquette				
				4 Dayton				
				5 Bloomington				
				6 Greensburg				
				7 Cincinnati				

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225
OR 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, rail
- 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: projected
- Power transmission line, pipeline
- Dam: dam with lock
- Cemetery, building
- Well: water well, spring
- Mine shaft, adit or cave, mine, quarry, gravel pit
- Campground, picnic area, U.S. location monument
- Ruins: cliff 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, meadow
- Orchard, vineyard

A pamphlet describing topographic maps is available on request

NEW CASTLE, INDIANA
39085-E1-TM-100
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