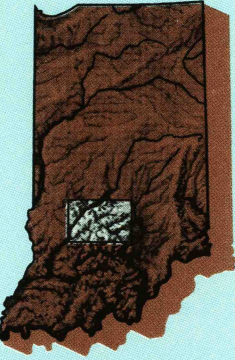


# Bloomington

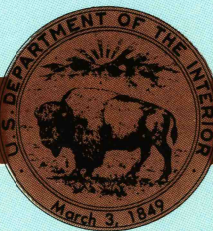
## INDIANA

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

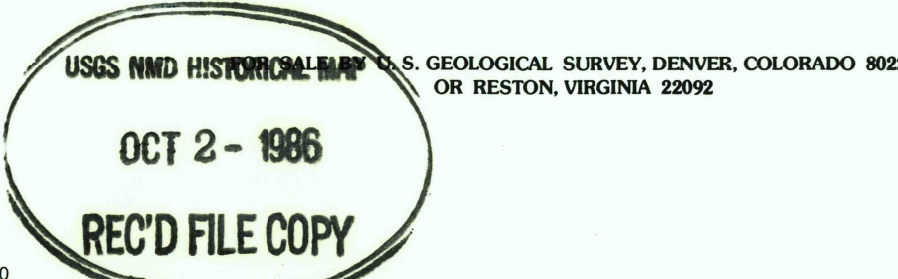
Produced by the United States Geological Survey  
Compiled from USGS 1:24 000-scale topographic maps dated 1956-1970. Planimetry revised from aerial photographs taken 1977, 1983, 1984 and other source data. Revised information not field checked. Map edited 1986.

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 5 meters south.  
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 METERS

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM	ADJOINING MAPS				
Meters	Feet		1	2	3	4	5
1	3.2808		1	2	3	4	5
2	6.5617		6	7	8	9	10
3	9.8425		11	12	13	14	15
4	13.1234		16	17	18	19	20
5	16.4042		21	22	23	24	25
6	19.6850		26	27	28	29	30
7	22.9659		31	32	33	34	35
8	26.2467		36	37	38	39	40
9	29.5276		41	42	43	44	45
10	32.8084		46	47	48	49	50
To convert meters to feet multiply by 3.2808							
To convert feet to meters multiply by 0.3048							



### 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 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
- Windmill; water well; spring
- Mine shaft; salt or cave; mine, quarry; gravel pit
- Compound; 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
- Salt marsh; bog
- Orchard; vineyard

A pamphlet describing topographic maps is available on request