

**MADISON, INDIANA-KENTUCKY**

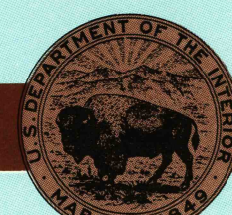
### 30 X 60 MINUTE SERIES (PLANIMETRIC)



1:100 000-scale  
planimetric map



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



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	4
1	3,280.8			4	5	6	7
2	6,561.7	<p>UTM grid convergence (GN) and 1986 magnetic declination (MN) at center of map Diagram is approximate</p>		8	9	10	11
3	9,842.5			12	13	14	15
4	13,123.4			16	17	18	19
5	16,404.2			20	21	22	23
6	19,685.0			24	25	26	27
7	22,965.9			28	29	30	31
8	26,246.7			32	33	34	35
9	29,527.6			36	37	38	39
10	32,808.4			40	41	42	43
To convert meters to feet multiply by 3.2808				<p>1 Bloomington 2 Greenburg 3 Cincinnati 4 Bedford 5 Falmouth 6 Jasper 7 Louisville 8 Lexington</p>			
To convert feet to meters multiply by 0.3048							

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 8022  
OR RESTON, VIRGINIA 22092

S NMD HISTORICAL MAP

AUG 14 1986

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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   |  |
| Other 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: protruded                                      |  |
| Power transmission line: pipeline   |  |
| Railroad: dot with hook   |  |
| Canal; building   |  |
| Windmill; water well; spring  |  |
| Mine shaft; pit or cave; mine, quarry; gravel pit                             |  |
| Campground; picnic area; U. S. location monument                              |  |
| Run; off dwelling   |  |
| Contour: spot; strip mine; lake; pond   |  |
| Contour: index intermediate; supplementary                                    |  |
| Bathymetric contours: index; intermediate                                     |  |
| Stream, lake; perennial; intermittent   |  |
| Rapids, large small; falls, talls and small                                   |  |
| Area to be submerged; marsh; swamp  |  |
| Land subject to controlled inundation; woodland                               |  |
| Swamp; meadow   |  |
| Outcrop; vignette   |  |



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