



# Princeton

INDIANA-ILLINOIS

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

Produced by the United States Geological Survey  
Compiled from USGS 1:250 000-scale topographic maps dated 1959-1981. Planimetry revised from aerial photographs taken 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 zone and Illinois 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 2 meters east.

There may be private inholdings within the boundaries of the National or State reservations shown on this map.

CONTOUR INTERVAL 20 METERS  
SUPPLEMENTARY CONTOUR INTERVAL 5 METERS  
NATIONAL GEODETIC VERTICAL DATUM OF 1929  
ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet			1	2	3
1	3.2808			4	5	
2	6.5617					
3	9.8425					
4	13.1234					
5	16.4042					
6	19.6850					
7	22.9659					
8	26.2467					
9	29.5276					
10	32.8084					

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

UTM grid convergences (GN) and 1986 magnetic declination (MD) at center of map  
Diagram is approximate

FOR SAME BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 8022 RESTON, VIRGINIA 22092							
USGS NMD HISTORICAL MAP							
SEP 11 1989							
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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 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; 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							
Sorb; mangrove							
Orchard; vineyard							