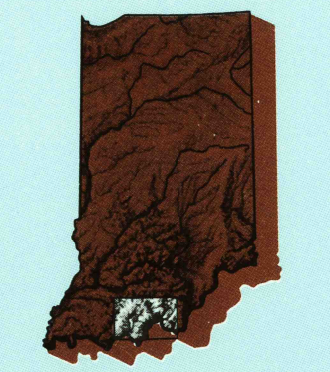


Jasper

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



Produced by the United States Geological Survey
Compiled from USGS 1:24 000-scale topographic maps dated 1960-1981. Planimetry revised from aerial photographs taken 1978 and 1981 and other source data. Revised information not field checked. Map dated 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 and Kentucky coordinate system, south zone. 1927 North American Datum.
To place on the predicted North American Datum 1983 move the projection lines 3 meters south and 1 meter west.
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

Meters	Feet
1	3.2808
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

DECLINATION DIAGRAM

The diagram shows two vertical lines representing north. The left line is labeled 'MN' (Magnetic North) and the right line is labeled 'GN' (True North). An arc between them is labeled '11° 11' 11"'. Below the lines, two horizontal distances are marked: '27 MILS' from the left line to a vertical dashed line, and '6 MILS' from that dashed line to the right line.

UTM grid convergence (GN) and 1986 magnetic declination (MN) at center of map diagram is approximate

ADJOINING MAPS

1	2	3
4	5	6
7	8	9
10	11	12

UTM grid convergence (GN) and 1986 magnetic declination (MN) at center of map diagram is approximate

To convert meters to feet multiply by 3.2808

To convert feet to meters multiply by 0.3048

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; trail
- Route marker: Interstate; U. S. State
- Railroad: standard gauge; narrow gauge
- Bridge: overpass; underpass
- Turnout: 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: protected
- Power transmission line: pipeline
- 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
- Railway: self-elevating
- Disturbed surface: strip mine, levee, 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

