

## KNOX, INDIANA

### 30 X 60 MINUTE SERIES (TOPOGRAPHIC)

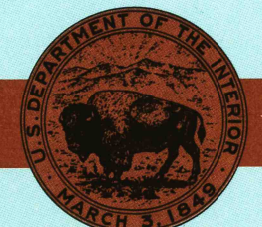
**Knox**  
INDIANA

**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



GEOLOGICAL SURVEY

1984 / 94

PHOTOINSPECTED 1991

Produced by the United States Geological Survey

Compiled from USGS 1:24 000-scale topographic maps dated 1957-1972. Planimetry revised from aerial photographs taken 1980 and other source data. Revised information not field checked. Map edited 1981.

1927 North American Datum (NAD 27). Projection and 10 000-meter grid: Universal Transverse Mercator, zone 16  
 25 000-foot ticks: Indiana coordinate system, west and east zones

The difference between NAD 27 and North American Datum of 1983 (NAD 83) is too small to show at this scale. The values of the shift between the datums for 7.5-minute intersections are given in USGS Bulletin 1875

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

Map photoinspected using 1991 photographs

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

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

| 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 |

**DECLINATION DIAGRAM**

UTM grid convergence (IGN and IGA magnetic declination) (MM) at center of map  
Diagram is approximate

|   |            |
|---|------------|
| 1 | Chicago    |
| 2 | South Bend |
| 3 | Elkhart    |
| 4 | Kankakee   |
| 5 | Fort Wayne |
| 6 | Watskeia   |
| 7 | Logansport |
| 8 | Walsh      |

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  
Tunnel; road; railroad  
Built up area; locality; elevation  
Airport; landing field; landing strip.  
National boundary  
State boundary  
County boundary  
Other or State reservation boundary.  
Land grant boundary.  
U.S. public lands survey; range, township; section  
Range, township; section line; protracted  
Power transmission line; pipeline  
Dam; dam with lock.  
Cemetery; building  
Windmill; water well; spring  
Mine shaft; old or new; lina, quarry, gravel pit  
Cemground; picnic area; U.S. location monument  
Ruins; cliff dwelling  
Disturbed surface; strip mine; lake  
Contour; 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 confrolled inundation; woodland  
Sinks; mangrove  
Orchard; vineyard

A pamphlet describing topographic maps is available on request.

RETURN TO:  
USGS NHD HISTORICAL MAP ARCHIVES

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10041984  
1991

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