

Elkhart

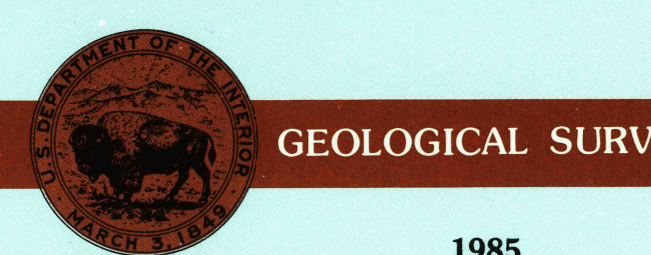
INDIANA-MICHIGAN

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



1985
PHOTOINSPECTED 1986

Produced by the United States Geological Survey
Compiled from USGS 1:24 000-scale topographic maps dated 1959-1982. Planimetry revised from aerial photographs taken 1981 and 1983 and other source data. Revised information not field checked. Map edited 1985
Projection and 10 000-meter grid, zone 16 Universal Transverse Mercator
25 000-foot grid ticks based on Indiana coordinate system east zone and Michigan coordinate system, south zone 1927 North American Datum
No adjustment is necessary to place this map on the predicted North American Datum 1983
There may be private inholdings within the boundaries of the National or State reservations shown on this map
Map photoinspected using 1986 photographs
No major culture or drainage changes found
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	22.9658
8	26.2467
9	29.5275
10	32.8084

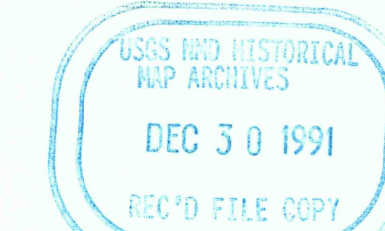
To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by 0.3048

DECLINATION DIAGRAM

1	2	3
1	2	3
4	5	6
7	8	9

1 Benton Harbor
2 Kalamazoo
3 Jackson
4 South Bend
5 Adrian
6 Kew
7 Fort Wayne
8 Delancey

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
- Road 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, protracted
- 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
- Ruin; cliff dwelling
- Distorted surface: strip mine, lava, sand
- Contours: index; intermediate; supplementary
- Bathymetric contours: index; intermediate
- Stream: line; 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

ELKHART, INDIANA-MICHIGAN
41085-E1-TM-100
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