



**CHICAGO, ILL. — IND. — MICH.**

N4130-W8700/30X60

1980

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



1980

Produced by the United States Geological Survey  
in cooperation with the Soil Conservation Service.

Compiled from USGS 1:24 000 scale topographic maps dated 1962-1973. Planimetry revised from aerial photographs taken 1977-78 and other source data. Revised information not field checked. Map edited 1980

Projection and 10 000-meter grid, zone 16,  
Universal Transverse Mercator  
25 000-foot grid ticks based on Illinois coordinate system,  
east zone, and Indiana coordinate system, west zone  
1927 North American Datum  
To place on the predicted North American Datum 1983 move  
the projection lines 1 meter north and 4 meters east

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

CONTOUR INTERVAL 5 METERS  
SUPPLEMENTARY CONTOUR INTERVAL 2.5 METERS  
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

UTM grid convergence (GV) and 180 magnetic declination (MN) at center of map  
Diagram is approximate

### ADJOINING MAPS

1	2	3
4	5	6
7	8	9

1 Elgin  
2 Waukegan  
3 Benton Harbor  
4  
5  
6  
7  
8  
9

FOR SALE BY U. S. GEOLOGICAL SURVEY  
RESTON, VIRGINIA 22092

Primary highway, hard surface	
Secondary highway, hard surface	
Light duty road, principal street, hard or improved surface	
Road or street; rural	
Road marker, interstate, U.S. State	
Railroad: standard gage, narrow gage	
Bridge; overpass; underpass	
Tunnel: road, railroad	
Built up area, locally elevated	
Runoff, 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, with lock	
Dam, without lock	
Dam, with lock	
Dam, without lock	
Windmill; water well; spring	
Mine shaft; sett or cave; mine, quarry; gravel pit	
Campground; picnic area; U.S. location monument	
Rare; cliff dwelling	
Dissected surface; strip mine, sand	
Contours: index; intermediate; supplementary	
Bathymetric contours: index; intermediate	
Ripis, large; intermediate	
Ripis, large; small; falls, terrace and small	
Area to be reaped, marsh, swamp	
Land subject to controlled inundation, woodland	
Scrub; mangrove	

A pamphlet describing topographic maps is available on request.

RETURN TO:  
USGS BMD HISTORICAL MAP ARCHIVES