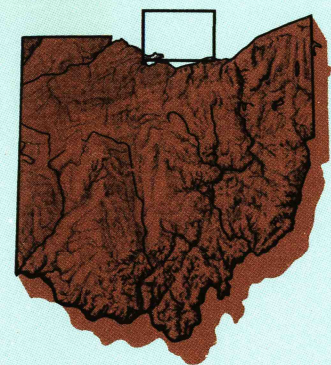


Put-In-Bay

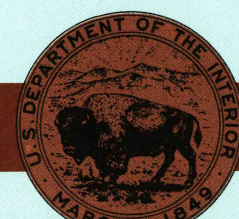
OHIO

**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



GEOLOGICAL SURVEY

1986

Produced by the United States Geological Survey

Compiled from USGS 1:24 000-scale topographic maps dated 1969-1980. Planimetry revised from aerial photographs taken 1983 and other source data. Revised information not field checked. Map edited 1986

Projection and 10 000-meter grid, zone 17,
Universal Transverse Mercator
25 000-foot grid ticks based on Ohio coordinate
system, north zone

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

UTM grid magnetic declination (GN) and 1980 magnetic declination (MN) at center of map
Diagram is approximate

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

1 Detroit
2 Lake St Clair South
3 Cleveland North
4 Toledo
5 Cleveland North
6 Cleveland
7 Lorain
8 Cleveland South

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

USGS NMD HISTORICAL MAP

JUL 09 1986

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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 | |
| Rock marker, intersection, U.S. State | |
| Railroad: standard gage, narrow gage | |
| Bridge, overpass, underpass | |
| Tunnel: road; railroad | |
| Built up area, locality, elevation | |
| Airport, landing field; landing strip | |
| State boundary | |
| County boundary | |
| National or State, U.S. State boundary | |
| Land grant boundary | |
| U.S. public lands survey: range, township, section | |
| Range, township, section line: protracted | |
| Transmission line: pipeline | |
| Dam, with lock | |
| Cemetery; building | |
| Windmill; water well; spring | |
| Mine shaft; old or cave; mine, quarry; gravel pit | |
| Cemetary; picnic area; U.S. location monument | |
| Boys' or swimming | |
| Distorted surface: strip mine, lake, sand | |
| Contours: index, intermediate, supplementary | |
| Bathymetric contours: index, intermediate | |
| Stream line: perennial; intermittent | |
| Rapids, large 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

