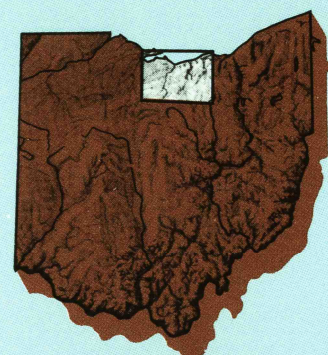


Lorain

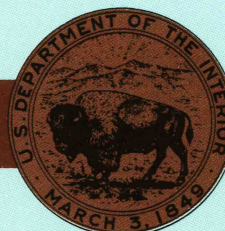
OHIO

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 1960-1979. 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
1927 North American Datum
To place on the predicted North American Datum 1983, move
the projection lines 2 meters south and 10 meters 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

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

5° 89 MILS
0.5° 17 MILS

1	2	3
4	5	6
7	8	9

UTM grid convergence (0.9N and 106.1 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



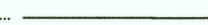













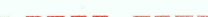
















1 Toledo
2 Put-In-Bay
3 Cleveland North
4 Findlay
5 Cleveland South
6 Marion
7 Mansfield
8 Canton

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

SEP 22 1986

REC'D FILE COPY

Topographic Map Symbols

- | | |
|---|---|
| Primary highway, hard surface |  |
| Secondary highway, hard surface |  |
| Light duty road, principal street, hard or improved surface |  |
| Other road or street, turf |  |
| Roads 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: projected |  |
| 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 |  |
| Rain; cut dwelling |  |
| Dissected surface: strip mine, lava, 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

LORAIN, OHIO
41082-A1-PL-100

1986