

**Dayton**  
OHIO-INDIANA

1:100 000-scale  
planimetric map

30 X 60 MINUTE QUADRANGLE  
SHOWING

- Elevations in meters
- Highways, roads and other manmade structures
- Water features
- Geographic names

GEOLOGICAL SURVEY

1986

Produced by the United States Geological Survey

Compiled from USGS 1:24 000-scale topographic maps dated 1955-1982. Planimetry revised from aerial photographs taken 1984 and other source data. Revised information not field checked. Map edited 1986

Projection and 10 000-meter grid, zone 16, Universal Transverse Mercator

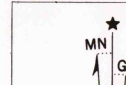
25 000-foot grid ticks based on Ohio coordinate system, south zone and Indiana coordinate system, east zone 1927 North American Datum

To place on the predicted North American Datum 1983, move the projection lines 2 meters south and 5 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

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS	
Meters	Feet			1	2
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		UTM grid convergence (GM) and 1983 magnetic declination (MD) at center of map Diagram is approximate			
To convert feet to meters multiply by 0.3048				1	Muncie
				2	Piqua
				3	Bellefontaine
				4	Wapakoneta
				5	Springfield
				6	Greensburg
				7	Cincinnati
				8	Hillsboro

FOR SALE BY U.S. GEOLOGICAL SURVEY  
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 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.....
- Well; 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, lake: perennial; intermittent.....
- Rapids, large and small; falls, large and small.....
- Area to be submerged; marsh, swamp.....
- Land subject to controlled inundation; woodland.....
- Struck, man-made.....
- Graded; viewshed.....

A pamphlet describing topographic maps is available on request