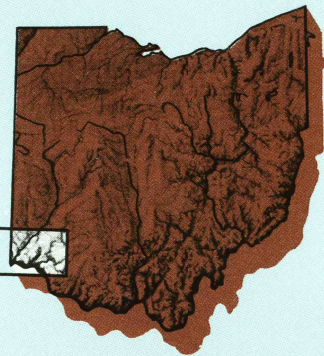


# Cincinnati

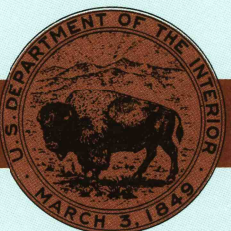
OHIO-INDIANA-KENTUCKY

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 1955-1983. 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, Indiana coordinate system, east zone, and  
Kentucky coordinate system, north zone  
1927 North American Datum  
To place on the predicted North American Datum 1983, move  
the projection lines 3 meters south and 6 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 STANDARD

| 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 |

**DECLINATION DIAGRAM**

$21^\circ$        $17^\circ$   
 $\swarrow$        $\searrow$   
 44 MILS      28 MILS

|   |   |   |
|---|---|---|
| 2 | 4 | 3 |
| 6 | 7 | 8 |

To convert meters to feet multiply by 3.2808

To convert feet to meters multiply by 0.3048

UTM grid convergence (GVH) and magnetic declination (MD) at center of map  
Diagram is approximate

**1 New Castle**  
**2 Dayton**  
**3 Springfield**  
**4 Greenburg**  
**5 Hillsboro**  
**6 Madison**  
**7 Falmouth**  
**8 Mayville**

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                                 |  |
| Postoffice marker; interstate: U.S. State                   |  |
| Railroad: standard gage; narrow gage                        |  |
| Railroad: overpass; underpass                               |  |
| Tunnel: road; railroad                                      |  |
| Built up area; locality; elevation                          |  |
| Airport, landing field; landing strip                       |  |
| County 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: protected                    |  |
| Power transmission line: pipeline                           |  |
| Dam; dam with lock                                          |  |
| Cemetery; building                                          |  |
| Windmill; water well; spring                                |  |
| Mine shaft; old or cave; mine; quarry; gravel pit           |  |
| Campground; picnic area; U.S. location monument             |  |
| Contour: cliff                                              |  |
| Disturbed 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             |  |
| Islands, subject to submergence; marsh, swamp               |  |
| Land subject to controlled inundation; woodland             |  |
| Scrub; mangrove                                             |  |
| Orchard; vineyard                                           |  |

A pamphlet describing topographic maps is available on request