



Produced by the United States Geological Survey  
Topography compiled 1977. Planimetry derived from imagery taken 1984 and other sources. Photomaps using imagery dated 1996; no major culture or drainage changes observed. PLSS and survey control current as of 1977. Boundaries, other than corporate, revised 1999.  
North American Datum of 1927 (NAD 27)  
Projection: Ohio coordinate system, south zone (Lambert conformal conic)  
10 000-foot ticks: Ohio coordinate system, east zone and Indiana coordinate system, north zone  
1000-meter Universal Transverse Mercator grid, zone 16  
North American Datum of 1983 (NAD 83) is shown by dashed corner ticks. The values of the shift between NAD 27 and NAD 83 for 7.5-minute intersections are obtainable from National Geodetic Survey NADCON software.  
Area west of the Great Miami River lies within the Miami River Survey. Area east of the Great Miami River lies within the Between the Miamis. Land lines in Ohio based on the Great Miami River Base. Dotted land lines established by private subdivision of the Symmes Purchase.  
There may be private inholdings within the boundaries of the National or State reservations shown on this map.  
Information shown in purple may not meet USGS content standards and may conflict with previously mapped contours.

UTM GRID AND 1999 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET  
5° 59' M  
1° 23' 25" M  
TOTAL RECOVERED FIBER

SCALE 1:24 000  
1 000 0 1000 2000  
KILOMETERS  
1 000 0 1000 2000  
METERS  
1 000 0 1000 2000  
MILES  
1 000 0 1000 2000  
FEET  
CONTOUR INTERVAL 10 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929  
TO CONVERT FROM FEET TO METERS, MULTIPLY BY 0.3048  
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, P.O. BOX 25286, DENVER, COLORADO 80225  
AND INDIANA DEPARTMENT OF NATURAL RESOURCES, INDIANAPOLIS, INDIANA 46204  
KENTUCKY GEOLOGICAL SURVEY, LEXINGTON, KENTUCKY 40506  
AND KENTUCKY DEPARTMENT OF COMMERCE, FRANKFORT, KENTUCKY 40601  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

OHIO  
QUADRANGLE LOCATION  
1 2 3  
4 5  
6 7 8  
ADJOINING 7.5' QUADRANGLE NAMES  
1 Cedar Grove  
2 Harrison  
3 Shandon  
4 Guilford  
5 Adkisson  
6 Aurora  
7 Lawrenceburg  
8 Burlington

ROAD CLASSIFICATION  
Primary highway  
hard surface .....  
Secondary highway  
hard surface .....  
Unimproved road .....  
Light-duty road, hard or  
improved surface .....  
Interstate Route  
U.S. Route  
State Route  
HOOVEN, OH-IN-KY  
1996  
NIMA 4062 III NE-SERIES V852

RECEIVED  
NOV 3 0 1999  
USGS NAD  
HISTORICAL MAP ARCHIVES  
1806071925210