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U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

STATE OF INDIANA
DEPARTMENT OF NATURAL RESOURCES
INDIANAPOLIS, INDIANA

MADISON WEST QUADRANGLE
INDIANA–KENTUCKY
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW/4 MADISON 15' QUADRANGLE

Produced by the U. S. Geological Survey
Kentucky area mapped in cooperation with
State of Kentucky agencies
Control by USGS, NOS/NOAA and USCE
Topography in Indiana by planetable surveys 1938. Revised 1964
Topography in Kentucky by photogrammetric methods from aerial photographs taken 1950. Field checked 1953. Revised 1964
Projection: Indiana coordinate system, east zone (transverse Mercator)
10,000-foot grid ticks: Indiana coordinate system, east zone and Kentucky coordinate system, north zone
1000-meter Universal Transverse Mercator grid ticks, zone 16, shown in blue
1927 North American Datum (NAD 27)
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 given in USGS Bulletin 1875
There may be private inholdings within the boundaries of the National or State reservations shown on this map
Photoinspected from 1992 source; no major culture or drainage changes observed. Boundaries revised and names verified 1993

UTM GRID AND 1993 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

The state boundary as shown represents the approximate position of the low water lines as determined from U. S. Corps of Engineers Ohio River charts, surveyed 1911, and supplementary information

SCALE 1:24000

CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
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

RECEIVED
AUG 3 1 2001
USGS/NMD
HISTORICAL MAP ARCHIVES

INDIANA
QUADRANGLE LOCATION

ROAD CLASSIFICATION
Primary highway, hard surface
Secondary highway, hard surface
Light-duty road, hard or improved surface
Unimproved road
Interstate Route
U. S. Route
State Route

Revisions shown in purple compiled in cooperation with State of Indiana agencies from aerial photographs taken 1978 and other source data. Contours adjusted adjacent to certain photorevised hydrographic features. This information not field checked
Map edited 1980

MADISON WEST, IND.–KY.
NW/4 MADISON 15' QUADRANGLE
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1964
PHOTOREVISED 1980
MINOR REVISION 1993
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