



Maped by the Geological Survey and the Army Map Service
Edited and published by the Geological Survey
Control by USGS, USC&GS, and USCE
Topography in Indiana by planetable surveys 1944
Topography in Kentucky by photogrammetric methods from aerial
photographs taken 1946. Field checked 1950. Revised from aerial
photographs taken 1969. Field checked 1970
Polyconic projection
10,000-foot grids based on Indiana coordinate system, west
and east zones, and Kentucky coordinate system, south zone
1000-meter Universal Transverse Mercator grid ticks,
zone 16, shown in blue. 1927 North American Datum
To place on the predicted North American Datum 1983
move the projection lines 3 meters south and
1 meter west as shown by dashed corner ticks
The state boundary as shown represents the approximate position of
the low water line as determined from U.S. Corps of Engineers
Ohio River charts, surveyed 1912, and supplementary information

UTM GRID AND 1980 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET
There may be private inholdings within the boundaries
of the National or State reservations shown on this map

SCALE 1:24,000
CONTOUR INTERVAL IN INDIANA 10 FEET
CONTOUR INTERVAL IN KENTUCKY 20 FEET
DASHED LINES REPRESENT 10-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
INDIANA DEPARTMENT OF NATURAL RESOURCES, INDIANAPOLIS, INDIANA 46204,
KENTUCKY GEOLOGICAL SURVEY, LEXINGTON, KENTUCKY 40505,
AND KENTUCKY DEPARTMENT OF COMMERCE, FRANKFORT, KENTUCKY 40601
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

QUADRANGLE LOCATION
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

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
LEAVENWORTH, IND.-KY.
NE/4 ALTON 15' QUADRANGLE
N3807.5-W8615/7.5
1970
PHOTOREVISED 1980
DMA 2760 III NE-SERIES V851