



Mapped, edited, and published by the Geological Survey  
Control by USGS and USC&GS  
Culture and drainage in part compiled from aerial photographs  
taken 1949. Topography by plane-table surveys 1953-1954  
Polyconic projection.  
10,000-foot grid based on Indiana coordinate system,  
east 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  
2 meters west as shown by dashed corner ticks  
Revisions shown in purple compiled in cooperation with State  
of Indiana agencies from aerial photographs taken 1978 and other  
source data. This information not field checked. Map edited 1980

UTM GRID AND 1980 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET

SCALE 1:24 000  
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, RESTON, VIRGINIA 22092  
AND INDIANA DEPARTMENT OF NATURAL RESOURCES, INDIANAPOLIS, INDIANA 46204  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



ROAD CLASSIFICATION  
Primary highway, all weather, improved surface  
Secondary highway, all weather, unimproved road, fair or dry weather  
Interstate Route  
U.S. Route  
State Route

USGS  
HISTORICAL FILE  
NATIONAL MAPPING DIVISION

CRANDALL, IND.  
N 3815 - W 8600 / 7.5  
1954  
DMA 3760 1 SE-SERIES V851

SEP 21 1981  
2150