



USGS AND HISTORICAL MAP  
SEP 14 1988  
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Maped, edited, and published by the Geological Survey  
Control by USGS, USC&GS, and Indiana Flood Control and  
Water Resources Commission  
Planimetry by photogrammetric methods from aerial photographs taken  
1951. Topography by planetable surveys 1952. Revised from aerial  
photographs taken 1966. Field checked 1967  
Polyconic projection  
10,000-foot grids based on Indiana coordinate system,  
east and west zones  
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 1 meter south and  
1 meter west as shown by dashed corner ticks  
Fine red dashed lines indicate selected fence and field lines where  
generally visible on aerial photographs. This information is unchecked

UTM GRID AND 1980 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET

19° 27' 31" N  
0° 31' 9" E

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092  
AND INDIANA DEPARTMENT OF NATURAL RESOURCES, INDIANAPOLIS, INDIANA 46204  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

REVISIONS SHOWN IN PURPLE COMPILED IN COOPERATION WITH STATE OF  
INDIANA AGENCIES FROM AERIAL PHOTOGRAPHS TAKEN 1977 AND OTHER  
SOURCE DATA. THIS INFORMATION NOT FIELD CHECKED. MAP EDITED 1980

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

QUADRANGLE LOCATION  
INDIANA

CARMEL, IND.  
39086-H2-TF-024  
1967  
PHOTOREVISED 1980  
DMA 3763 1 NW—SERIES 1851