

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

KIERNAN QUADRANGLE
MICHIGAN—IRON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW/4 SAGOLA 15' QUADRANGLE



Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography by multiplex methods from aerial photographs
taken 1944. Field check 1945. Culture revised from
aerial photographs taken 1955. Field check 1956
Polyconic projection. 1927 North America datum
10,000-foot grid based on Michigan coordinate system, north zone
1000-metre Universal Transverse Mercator grid ticks,
zone 16, shown in blue
Revisions shown in purple compiled from aerial photographs
taken 1975. This information not field checked

UTM GRID AND 1975 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

SCALE 1:24 000
CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

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



KIERNAN, MICH.
NW/4 SAGOLA 15' QUADRANGLE
N4607.5—W8807.5/7.5

1956
PHOTOREVISED 1975
AMS 3376 II NW—SERIES V862

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

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