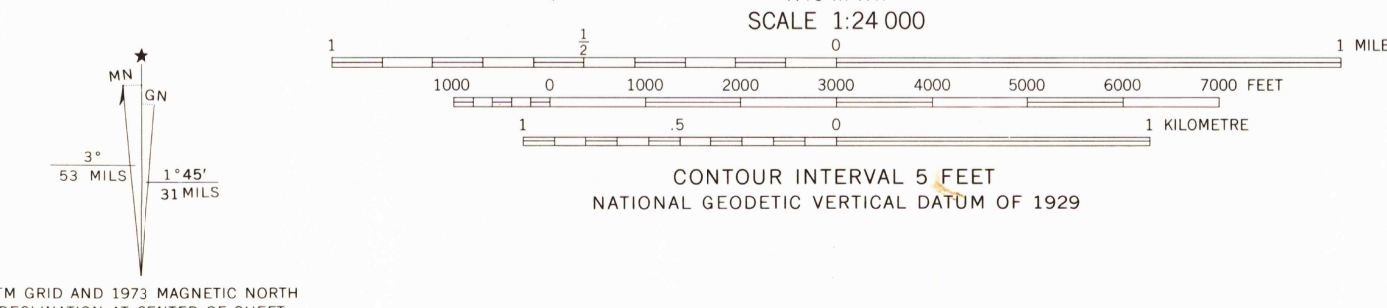


Mapped, edited, and published by the Geological Survey  
Control by USGS and NOS/NOAA  
Topography by photogrammetric methods from aerial photographs taken 1972. Field checked 1973  
Projection and 10,000-foot grid ticks: Michigan coordinate system, south zone (Lambert conformal conic)  
1000-metre Universal Transverse Mercator grid ticks, zone 16, shown in blue. 1927 North American datum  
Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked



**ROAD CLASSIFICATION**

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

**CONTOUR INTERVAL 5 FEET**  
NATIONAL GEODETIC VERTICAL DATUM OF 1929

**UTM GRID AND 1973 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET**

53 MILLS  
1°45' 31 MILLS

**QUADRANGLE LOCATION**

**MICHIGAN**

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

USGS  
Historical File  
Topographic Division

RATHBONE, MICH.  
SW/4 MERRILL 15' QUADRANGLE  
N4315—W8422.5/7.5

1973

AMS 4170 IV SW—SERIES V862

APR 15 1977