UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

CHARLES QUADRANGLE
MICHIGAN—MACKINAC CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

4076 III NE (OZARK NE)
4076 II NW (FIBRE)
4076 II NE (RUDYARD)
4076 III SE (OZARK SE)
4076 I SW (PONTCHARTRAIN SHORES)
4076 I NW (EVERGREEN SHORES)
4075 IV NE (MORAN)
4075 I NE (ST. MARTIN ISLAND)

RUDYARD 8.1 MI.
22 MI. TO MICH. 28
SAULT STE. MARIE 32 MI.
2 LANE
TRAIL
MACKINAC
RAIL
PINE
RIVER
Creek
Elmhirst
Home
Garden
Hill
Flat
Red
McCloud
Platz Lake
Carp River Campground
Townhall
Gravel Pit
BM 784
BM 840
BM 637
BM 633
BM 623
BM 681
BM 664
ROAD
SIXTEENMILE
GAMBLE
SPRING
EDISON
CHARLES
GORMAN
JAMISON
ST IGNACE
HIAWATHA
NATIONAL FOREST
ST IGNACE
BAY
ST MARTIN
APPROXIMATE MEAN LAKE ELEVATION 580
Charles
T. 43 N.
T. 42 N.
R. 4 W.
R. 3 W.
2.6 MI. TO MICH. 123
ST. IGNACE 9 MI.
HESSEL 10 MI.
13 MI. TO MICH. 129
84°45′
84°37′30″
46°07′30″
46°00′
42′30″
40′
5′
2′30″
2 600 000 FEET
2 580 000 FEET
490 000 FEET
460 000 FEET
5110000m N.
5097000m N.
674000m E.
682000m E.

Mapped, edited, and published by the Geological Survey

Control by USGS, USC&GS, and U. S. Lake Survey

Topography by photogrammetric methods from aerial photographs taken 1954–56 and 1964. Field checked 1964

Selected hydrographic data compiled from U. S. Lake Survey Chart 60 (1961). This information is not intended for navigational purposes

Polyconic projection. 1927 North American datum
10,000-foot grid based on Michigan coordinate system, north zone
1000-meter Universal Transverse Mercator grid ticks, zone 16, shown in blue

MN GN
3½° 62 MILS
1°40′ 30 MILS
UTM GRID AND 1964 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000
1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 KILOMETER
CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS LOW WATER 578.5 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

MICHIGAN
QUADRANGLE LOCATION

ROAD CLASSIFICATION
Heavy-duty — Light-duty
Medium-duty — Unimproved dirt
Interstate Route — U. S. Route — State Route

CHARLES, MICH.
N4600—W8437.5/7.5
1964
AMS 4076 II SW—SERIES V862

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USGS
Historical File
Topographic Division

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