UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WITCH LAKE QUADRANGLE
MICHIGAN
15 MINUTE SERIES (TOPOGRAPHIC)

(HERMAN) (CHAMPION)
(KELSO JUNCTION) 1:24 000 (RALPH)
(NED LAKE) (REPUBLIC)

88°15′ 405 000m.E. R. 31 W. 10′ MICHIGAMME 3.4 MI. (MICHIGAMME) 5′ R. 30 W. 680 000 FEET 88°00′
46°30′ 515 0000m.N. 1 820 000 FEET
T. 47 N.
T. 46 N.
T. 45 N.
25′
20′
1 740 000 FEET
630 000 FEET
46°15′
5123000m.N.
422000m.E.

Heart Lake
Fire Lake
Nelson Lake
Fence Lake
Lookout Tower
Lake Michigamme
Horseshoe Lake
Dishwa Lake
Goose Lake
Twin Lake
Nirish Lake
Sucker Creek
Michigamme River
Mill Creek
St Johns Lake
Northwest Lake
Juncob Lake
Wilson Creek
Nilsen Dam
Trout Falls
Grant Lake
Penglase Lake
Bullhead Lake
Simons Lake
Beech Lake
Springhole Lake
Capps Creek
Chief Lake
Little Chief Lake
Lily Lake
Cranberry Lake
Witbeck
Boys Lake
Haywire Lake
Dollar Lake
Squaw Lake
Island Lake
Camp Fifteen Lake
Spring Lake
Dishaw Lake
Little Spring Lake
Bates Lake
Hickman Lake
Little Sundog Lake
Sundog Lake
Little Squaw Lake
Bed Spring Lake
Lake Elizabeth
Fence Lake
Heart Lake
Harris Lake
Lotto Lake
Pickerel Lake
Mud Lake
Witch Lake
Twin Lakes
Island Lake
Bat Lake
Wahlstrom Lake
Crane Lake
Little Sundog Lake
Crane Creek
Camp Creek
Menchel Creek
Wilson Creek
Smith Creek
Michigan Creek
Fence Creek
Mud Creek
Chicago Creek
Mary Ann Creek
Lake Thirty Two
Lake Elizabeth

S P U R R
C R Y S T A L F A L L S
R E P U B L I C
M A N S F I E L D
IRON RANGE STATE FOREST
MICHIGAMME STATE FOREST
MICHIGAMME STATE FOREST

BARAGA CO
IRON CO
MARQUETTE CO
FOREST BOUNDARY
RAILROAD
GRADE
OLD GRADE
BM 1849
BM 1699
BM 1859
BM 1550
BM 1521
BM 1679
BM 1611
BM 1674
BM 1597
BM 1664
BM 1655
BM 1633
BM 1635
BM 1642
BM 1535
BM 1468
BM 1462
BM 1443
BM 1457
BM 1451
BM 1496
BM 1517
BM 1548
BM 1515
BM 1522
BM 1473
BM 1541
BM 1539
BM 1528
BM 1493
BM 1486
REPUBLIC 7.3 MI.
REPUBLIC 2 MI.
REPUBLIC 8.7 MI. 17 MI. TO U.S. 41
2 MI. TO MICH. 95
CHANNING 9.2 MI.
IRON MOUNTAIN 33 MI.

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography from aerial photographs by photogrammetric methods
Aerial photographs taken 1951 and 1953. Field check 1955
Mapped 1891 and 1896. remapped 1955

Polyconic projection. 1927 North American datum
10,000-foot grid based on Michigan coordinate system, west zone

Unchecked elevations are shown in brown

1000-meter Universal Transverse Mercator grid ticks zone 16, shown in blue

SCALE 1:62500

1 0 1 2 3 4 MILES
3000 0 3000 6000 9000 12000 15000 18000 21000 FEET
1 5 0 1 2 3 4 5 KILOMETERS

CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

0° TRUE NORTH MAGNETIC NORTH
APPROXIMATE MEAN DECLINATION, 1955

MICHIGAN
QUADRANGLE LOCATION

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

The east half of this area also covered by 1:24 000 scale maps of Witch Lake NE and Witch Lake 7.5 minute quadrangles, surveyed 1955.

WITCH LAKE, MICH.
N4615—W8800/15

1955

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON 25, D. C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1955-NS