UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

INDIAN RIVER QUADRANGLE
MICHIGAN-CHEBOYGAN CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

Royal Oak Beach
Round Point
Stony Point
Topinabee
Red Pine Point
Topinabee
Glauque Beach
Cold Springs
Grand View Beach
Parrott Point
Scott Bay
Miami Beach
Bowersocks Camp
Camp Modoc
Griswold Mountain
Lake Marina
Indian River
Burt Lake
Cochran Lake
Roberts Lake
Twin Lakes
Crumley Creek
Sturgeon River
Little Pigeon River
Silver Creek
North Br Middle Br River
Scott Creek
Glass Hill
Pigeon River Bay
MULLETT LAKE
BURT LAKE
TUSCARORA
KOEHLER
MACKINAW STATE FOREST
PIPELINE
STATE FOREST BOUNDARY
CAMP GROUND
GOLF COURSE
MARINA
PUBLIC ACCESS & BOAT RAMP
GRAVEL PIT
SAND PIT
LANDING STRIP
FT. BR.
FOOT BR.
CONCRETE DAM
LIGHT
GAGING STA
SEWAGE DISP
BURT LAKE STATE PARK
TRL PK
TAL PK
R3W
R2W
T36N
T35N

84° 37′ 30″ 45° 30′ 1950000 FEET 45° 22′ 30″ 84° 30′

CONVERSION GRAPH
(1 meter = 3.28 feet)

Meters	Feet
1	3.2808
2	6.5617
3	9.8425
4	13.1234
5	16.4042
6	19.6850
7	22.9659
8	26.2467
9	29.5276
10	32.8084

EXAMPLE: Convert 479 meters to feet

479 = 400 + 70 + 9

400m = 1312.3ft
70m = 229.7ft
+ 9m = + 29.5ft
479m = 1571.5ft

PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY . . . . . USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1981
FIELD CHECKED . . . . . 1982. MAP EDITED 1986
PROJECTION . . . . . UNIVERSAL TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR . . . . . ZONE 16
10,000-FOOT STATE GRID TICKS . . . . . MICHIGAN, CENTRAL ZONE
UTM GRID DECLINATION . . . . . 1°44′ EAST
1986 MAGNETIC NORTH DECLINATION . . . . . 5°09′ WEST
VERTICAL DATUM . . . . . NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM . . . . . 1927 NORTH AMERICAN DATUM

To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (3 meters north)

There may be private inholdings within the boundaries of any Federal and State Reservations shown on this map

No distinction made between houses, barns, and other buildings

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography. 1

NORTH

SCALE 1:24 000

1 .5 0 KILOMETERS 1 2
1000 0 METERS 1000 2000
1 .5 0 MILES 1
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000 FEET

CONTOUR INTERVAL 3 METERS

CONTROL AND FIELD ESTABLISHED ELEVATIONS SHOWN TO THE NEAREST 0.1 METER
OTHER ELEVATIONS SHOWN TO THE NEAREST 0.5 METER

To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by .3048

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
AND GEOLOGICAL SURVEY DIVISION
MICHIGAN DEPARTMENT OF NATURAL RESOURCES, LANSING, MICHIGAN 48909

MICHIGAN
QUADRANGLE LOCATION

1	2	3	1 Indianville 2 Mullett Lake 3 Aloha 4 Burt Lake 5 Legrand 6 Wildwood 7 Wolverine 8 Afton
4		5	
6	7	8	

ADJOINING 7.5' QUADRANGLE NAMES

CONTOURS AND ELEVATIONS IN METERS

ROAD LEGEND

Improved Road . . . . . ==========
Unimproved Road . . . . . - - - - - -
Trail . . . . . - - - - - -
Interstate Route U.S. Route State Route

INDIAN RIVER, MICHIGAN
PROVISIONAL EDITION 1986

45084-D5-TM-024

USGS NMD HISTORICAL MAP
JUL 29 1986
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