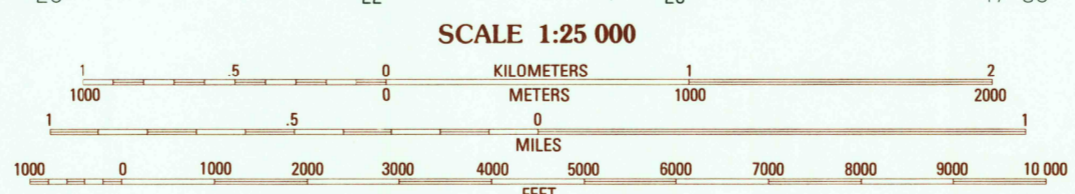


PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY  
CONTROL BY USGS AND NOS/NOAA  
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1976  
FIELD CHECKED 1978. MAP EDITED 1982  
PROJECTION LAMBERT CONFORMAL CONIC  
GRID 1000-METER UNIVERSAL TRANSVERSE MERCATOR ZONE 16  
10,000-FOOT STATE GRID TICKS MICHIGAN, NORTH ZONE  
UTM GRID DECLINATION 1°41' WEST  
1982 MAGNETIC NORTH DECLINATION 0° 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  
(6 meters north and 9 meters east).  
There may be private inholdings within the boundaries of any  
Federal and State reservations shown on this map

**PROVISIONAL MAP**  
Produced from original  
manuscript drawings. Infor-  
mation shown as of date of  
field check.



CONTOUR INTERVAL 5 METERS  
SUPPLEMENTARY CONTOUR INTERVAL 2.5 METERS  
CONTROL ELEVATIONS SHOWN TO THE NEAREST 0.1 METER  
OTHER ELEVATIONS SHOWN TO THE NEAREST 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 BY THE GEOLOGICAL SURVEY DIVISION  
MICHIGAN DEPARTMENT OF NATURAL RESOURCES, LANSING, MICHIGAN 48909



ROAD LEGEND

1	2	3	Matchwood NW
4	5	6	Oak Bluff
7	8	7	Rockland
		8	Matchwood
			Bruce Crossing
			Cup Lake
			Choate
			Paulding

ADJOINING 7.5' QUADRANGLE NAMES

CONTOURS AND ELEVATIONS  
IN METERS

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1983

**EWEN, MICHIGAN**  
PROVISIONAL EDITION 1982  
46089-E3-TM-025

MAR 20 1983

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