



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 1941 WEST 1982 MAGNETIC NORTH DECLINATION 0° 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. Information shown as of date of field check.

SCALE 1:25 000

1 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000  
MILES

1 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000  
FEET

1 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000  
KILOMETERS

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

Improved Road  
Unimproved Road  
Trail

Interstate Route U. S. Route State Route

CHOATE, MICHIGAN  
PROVISIONAL EDITION 1982  
46089-D3-TM-025

ADJOINING 7.5' QUADRANGLE NAMES  
CONTOURS AND ELEVATIONS  
IN METERS

1	2	3	1 Matchwood
2	3	4	2 Ewen
3	4	5	3 Bruce Crossing
4	5	6	4 Cup Lake
5	6	7	5 Pandling
6	7	8	6 Thayer
7	8		7 Beaton
8			8 Watersmeet

MAR 1983

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