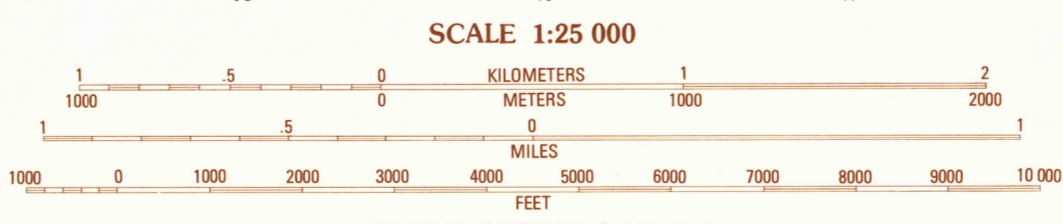


PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY  
CONTROL BY USGS AND NOS/NOAA  
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN  
FIELD CHECKED 1977  
1979. MAP EDITED 1982  
PROJECTION LAMBERT CONFORMAL CONIC  
GRID 1000-METER UNIVERSAL TRANSVERSE MERCATOR  
10,000-FOOT STATE GRID TICKS MICHIGAN, CENTRAL ZONE  
UTM GRID DECLINATION 1°55' EAST  
1982 MAGNETIC NORTH DECLINATION 5°30' 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 and 1 meter west)  
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.



SCALE 1:25 000  
CONTOUR INTERVAL 3 METERS  
SUPPLEMENTARY CONTOUR INTERVAL 1.5 METERS  
CONTROL 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 THE GEOLOGICAL SURVEY DIVISION  
MICHIGAN DEPARTMENT OF NATURAL RESOURCES, LANSING, MICHIGAN 48909

QUADRANGLE LOCATION

1	2	3	1 Cheboygan
4	5	6	2 Corduroy Point
7	8	7	3 Ninemile Point
		8	4 Aloha
			5 Grace
			6 Legrand
			7 Hangore Heights
			8 Black Lake Bluffs

ADJOINING 7.5' QUADRANGLE NAMES  
CONTOURS AND ELEVATIONS  
IN METERS

ROAD LEGEND  
Improved Road  
Unimproved Road  
Trail  
Interstate Route  
U.S. Route  
State Route

MANNING, MICHIGAN  
PROVISIONAL EDITION 1982  
45084-E3-TM-025

MAY 1 1983

2650

RETURN TO:  
USGS AND HISTORICAL MAP ARCHIVES