



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY  
CONTROL BY: U.S.G.S AND NONWONA  
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN: 1977  
FIELD CHECKED: 1986 MAP EDITED: 1983  
PROJECTION: UNIVERSAL TRANSVERSE MERCATOR  
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR  
GRID: 1000-FOOT STATE GRID TICKS: MICHIGAN, NORTH ZONE  
UTM GRID DECLINATION: 0°24' EAST  
1983 MAGNETIC NORTH DECLINATION: 1°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  
(5 meters north and 6 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  
CONTOUR INTERVAL 3 METERS  
CONTROL ELEVATIONS SHOWN TO THE NEAREST 0.1 METER  
OTHER ELEVATIONS SHOWN TO THE NEAREST 0.5 METER  
To convert feet to meters multiply by 3.048  
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



ADJOINING 7.5 QUADRANGLE NAMES  
CONTOURS AND ELEVATIONS  
IN METERS

1	2	3	1 Wood Island SE
4	5	2 Grand Portal Point	3 Trappers Lake
6	7	4 Indian Town	5 Casino
		6 Junifer	7 Shingleton
		8 Creighton	

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

MELSTRAND, MICHIGAN  
PROVISIONAL EDITION 1983

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