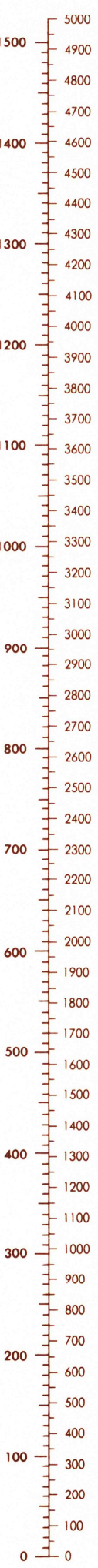
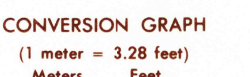


LEGRAND QUADRANGLE  
MICHIGAN-CHEBOYGAN CO.  
7.5 MINUTE SERIES (TOPOGRAPHIC)



| 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

$$479 = 400 + 70 + 9$$

$$400m = 1312.3\text{ft}$$

$$70m = 229.7\text{ft}$$

$$9m = 20.5\text{ft}$$

PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY  
CONTRACT BY . . . . . NATIONAL AERONAUTICS AND SPACE ADMINISTRATION  
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN . . . . . 1961  
FIELD CHECKED . . . . . 1962 . . . . . MAP EDITED . . . . . 1966  
PROJECTION . . . . . UNIVERSAL TRANSVERSE MERCATOR  
GRID . . . . . UNIVERSAL TRANSVERSE MERCATOR . . . . . ZONE  
1000-FOOT STATE GRID TICKS . . . . . MICHIGAN, CENTRAL ZONE  
UTM GRID DECLINATION . . . . . 5° 50' EAST  
1966 MAGNETIC NORTH DECLINATION . . . . . 5° 30' WEST  
1966 MAGNETIC NORTH DECLINATION . . . . . 5° 30' WEST  
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)

PROVISIONAL MAP  
Produced from original  
manuscript drawings. Infor-  
mation shown as of date of  
photography.

**SCALE 1:24 000**

The graphic scale bar is divided into four units: Kilometers, Meters, Miles, and Feet. The Kilometers scale ranges from 0 to 2, with a midpoint at 1. The Meters scale ranges from 0 to 2000, with a midpoint at 1000. The Miles scale ranges from 0 to 1, with a midpoint at 0.5. The Feet scale ranges from 0 to 10,000, with a midpoint at 5,000. The scales are arranged horizontally, with Kilometers and Meters at the top, and Miles and Feet at the bottom.

CONTOUR INTERVAL 3 METERS  
SUPPLEMENTARY CONTOUR INTERVAL 1.5 METERS  
CONTROL AND FIELD ESTABLISHED ELEVATIONS SHOWN TO THE NEAREST 0.1 METER  
OTHER ELEVATIONS SHOWN TO 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

CONTOURS AND ELEVATIONS IN METERS

ROAD LEGEND

|                           |       |
|---------------------------|-------|
| Improved Road . . . . .   | _____ |
| Unimproved Road . . . . . | ----- |
| Trail . . . . .           | ----- |

LEGRAND, MICHIGAN  
PROVISIONAL EDITION 1986

45084-D3-TM-024

MICHIGAN

QUADRANGLE LOCATION

|   |   |   |                   |
|---|---|---|-------------------|
| 1 | 2 | 3 | 1 Mullett Lake    |
|   |   |   | 2 Aloha           |
| 4 |   | 5 | 3 Manning         |
|   |   |   | 4 Indian River    |
|   |   |   | 5 Hangore Heights |
| 6 | 7 | 8 | 6 Wolverine       |
|   |   |   | 7 Afton           |
|   |   |   | 8 Tower           |

ADJOINING 25 QUADRANGLE NAMES

USGS NMD HISTORICAL MAP  
JUL 29 1986  
REC'D FILE COPY