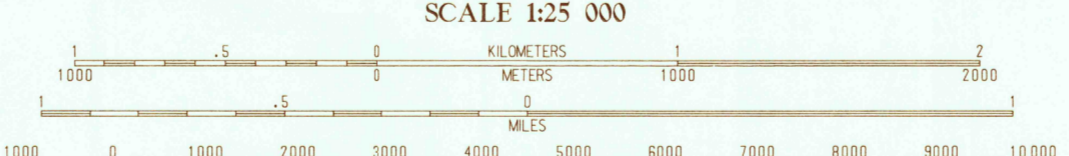
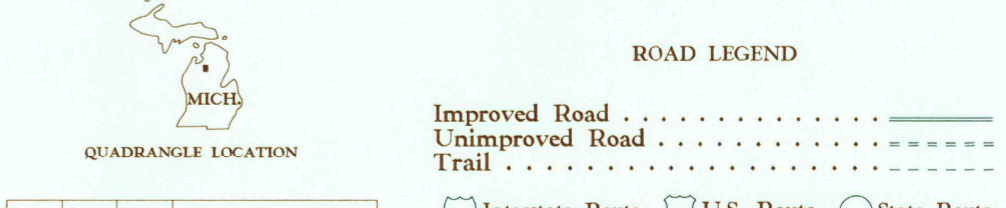


PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY CONTROL BY... USGS AND NOS/NOAA COMPILED FROM AERIAL PHOTOGRAPHS TAKEN... FIELD CHECKED... 1981. MAP EDITED... 1983 PROJECTION... UNIVERSAL TRANSVERSE MERCATOR GRID... 1000-METER UNIVERSAL TRANSVERSE MERCATOR... 1000-FOOT STATE GRID TICKS... MICHIGAN, CENTRAL ZONE UTM GRID DECLINATION... 17° EAST 1983 MAGNETIC NORTH DECLINATION... 4°30' WEST VERTICAL DATUM... NATIONAL GEODETIC VERTICAL DATUM OF 1959 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 (2 meters north and 1 meter west) There may be private inholdings within the boundaries of any Federal and State Reservations shown on this map Gray tint indicates areas in which selected buildings are shown

**PROVISIONAL MAP**  
Produced from original manuscript drawings. Information shown as of date of field check.



SCALE 1:25 000  
CONTOUR INTERVAL 3 METERS  
SUPPLEMENTAL CONTOUR INTERVAL 15 METERS  
CONTROL ELEVATIONS 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 0.3048  
THIS MAP COMPLETS 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



|   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |

HOUGHTON LAKE, MICHIGAN  
PROVISIONAL EDITION 1983  
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