



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1983
FIELD CHECKED 1985. MAP EDITED 1987
PROJECTION UNIVERSAL TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ZONE 16
10,000-FOOT STATE GRID TICKS MICHIGAN, CENTRAL ZONE
UTM GRID DECLINATION 1983 93° WEST
1987 MAGNETIC NORTH DECLINATION 33° 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
(2 meters north and 2 meters east).
There may be private inholdings within the boundaries of any
Federal and State reservations shown on this map.
No distinction made between houses, barns, and other buildings

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

SCALE 1:24 000
KILOMETERS
METERS
MILES
FEET
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 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, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
AND 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
UDELL, MICHIGAN
PROVISIONAL EDITION 1987
ADJOINING 7.5' QUADRANGLE NAMES
1 2 3 1 Onkama
2 Brethren
3 Manilla
4 Star Corners
5 Wellston
6 Friesland
7 Millerton
8 Peacock
44086-B1-TM-024

USGS MAP
FEB - 1988
REC'D FILE COPY
USGS NMD HISTORICAL MAP
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