



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY CONTROL BY THE UNITED STATES GEOLOGICAL SURVEY 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 099° EAST
 1987 MAGNETIC NORTH DECLINATION 3°30' WEST
 VERTICAL DATUM NATIONAL GEODETIC 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. Information shown as of date of photography.



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

CONTOURS AND ELEVATIONS IN METERS
 ROAD LEGEND
 Improved Road
 Unimproved Road
 Trail
 Interstate Route
 U. S. Route
 State Route

1	2	3	1 Onekama
2	3	4	2 Brethren
3	4	5	3 Manilla
4	5	6	4 Star Corners
5	6	7	5 Wellston
6	7	8	6 Fressoil
7	8		7 Millerton
8			8 Peacock

ADJOINING 7.5' QUADRANGLE NAMES
UDELL, MICHIGAN
 PROVISIONAL EDITION 1987
 44086-B1-TM-024

