



USGS NMD HISTORICAL MAP  
JUN 09 1988  
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PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY  
CONTROL BY THE UNITED STATES GEOLOGICAL SURVEY  
USGS AND NOS/NOAA  
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1983-84  
FIELD CHECKED 1988. MAP EDITED 1987  
PROJECTION UNIVERSAL TRANSVERSE MERCATOR  
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR  
1000-FOOT STATE GRID TICS MICHIGAN CENTRAL ZONE  
UTM GRID DECLINATION 49°00' EAST  
1987 MAGNETIC NORTH DECLINATION 4°00' WEST  
VERTICAL DATUM NATIONAL GEODETIC VERTICAL DATUM OF 1929  
HORIZONTAL DATUM 1987 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 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. Informa-  
tion shown as of date of  
photography.

SCALE 1:24 000  
INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1988  
1 0 1 2  
1000 5000 10000  
KILOMETERS  
METERS  
MILES  
FEET  
CONTOUR INTERVAL 3 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

CONTOURS AND ELEVATIONS IN METERS  
ROAD LEGEND  
Improved Road  
Unimproved Road  
Trail  
Interstate Route U. S. Route State Route  
MICHIGAN  
QUADRANGLE LOCATION  
1 2 3 4 5 6 7 8  
1 Hoxeyville  
2 Asia  
3 Cadillac South  
4 Luther  
5 Le Roy  
6 Chase  
7 Reed City North  
8 Slaybaugh Corner  
ADJOINING 7.5 QUADRANGLE NAMES  
BRISTOL, MICHIGAN  
PROVISIONAL EDITION 1987  
44085-A5-TM-024