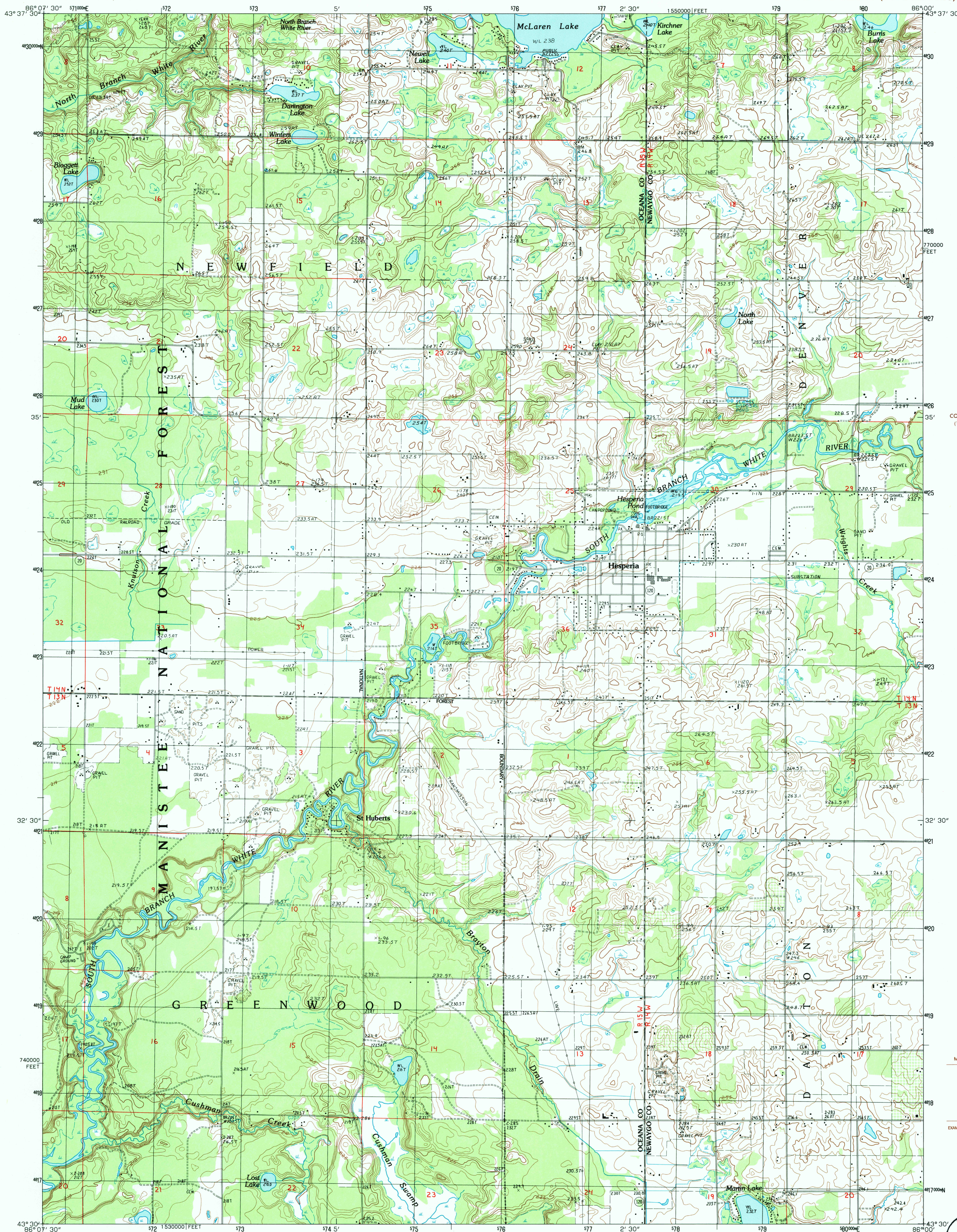
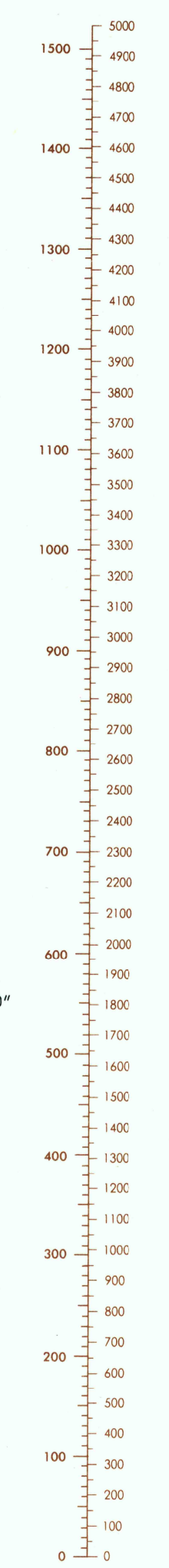


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

HESPERIA QUADRANGLE  
MICHIGAN  
7.5 MINUTE SERIES (TOPOGRAPHIC)



CONVERSION GRAPH  
(1 meter = 3.28 feet)  
Meters Feet

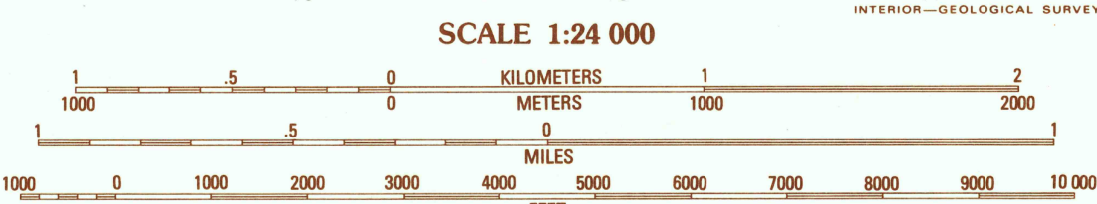


| Meters | Feet    |
|--------|---------|
| 1      | 3.2808  |
| 2      | 6.5617  |
| 3      | 9.8425  |
| 4      | 13.1234 |
| 5      | 16.4042 |
| 6      | 19.6850 |
| 7      | 22.9658 |
| 8      | 26.2467 |
| 9      | 29.5276 |
| 10     | 32.8084 |

EXAMPLE: Convert 479 meters to feet  
 $479 = 400 + 70 + 9$   
 $400m = 1312.3ft$   
 $70m = 229.7ft$   
 $+ 9m = + 29.5ft$   
 $479m = 1571.5ft$

PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY  
CONTROL BY: USGS AND NOS/NOAA  
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN: 1981  
FIELD CHECKED: 1982 MAP EDITED: 1985  
PROJECTION: UNIVERSAL TRANSVERSE MERCATOR  
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR  
UTM GRID DECLINATION: 1985 MICHIGAN, SOUTH ZONE  
10,000-FOOT STATE GRID TICS  
1985 MAGNETIC NORTH DECLINATION: 23° 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  
Gray tint indicates area in which selected buildings are shown

PROVISIONAL MAP  
Produced from original  
manuscript drawings. Information  
shown as of date of  
photography



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, RESTON, VIRGINIA 22092  
AND THE GEOLOGICAL SURVEY DIVISION  
MICHIGAN DEPARTMENT OF NATURAL RESOURCES, LANSING, MICHIGAN 48909

|   |   |                    |                    |
|---|---|--------------------|--------------------|
| 1 | 2 | 3                  | 1 Walkerville West |
| 4 | 5 | 2 Walkerville East |                    |
| 6 | 7 | 3 Walkup Lake      |                    |
|   |   | 4 Ferry            |                    |
|   |   | 5 Dayton Center    |                    |
|   |   | 6 Big Blue Lake    |                    |
|   |   | 7 Holton           |                    |
|   |   | 8 Fremont          |                    |

ADJOINING 7.5' QUADRANGLE NAMES

CONTOURS AND ELEVATIONS IN METERS  
ROAD LEGEND

- Improved Road
- Unimproved Road
- Trail
- Interstate Route
- U.S. Route
- State Route

HESPERIA, MICHIGAN  
PROVISIONAL EDITION 1985

43086-E1-TM-024

USGS NMD RESEARCH  
NOV 14 1985  
REFERENCE COLLECTION