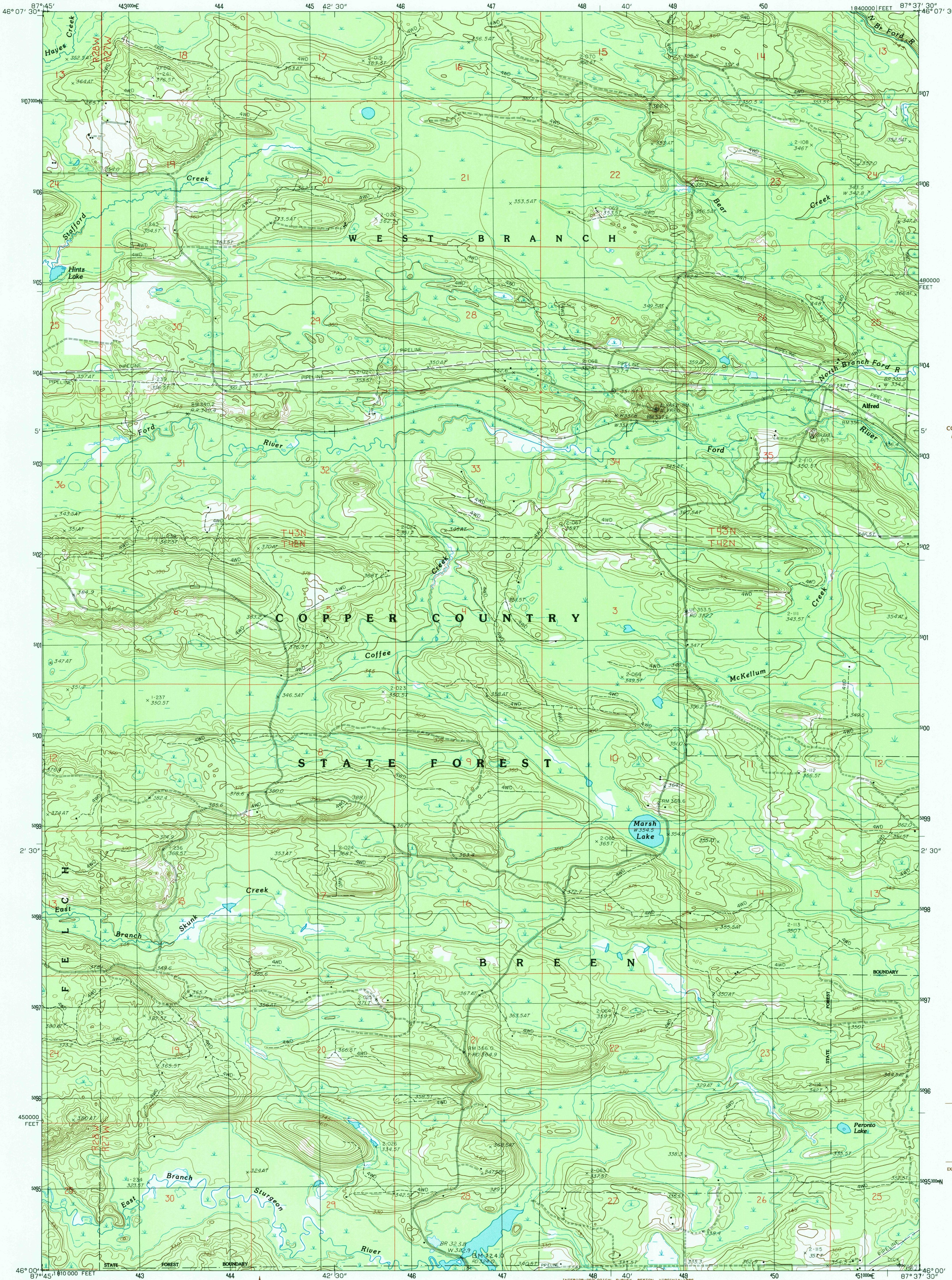
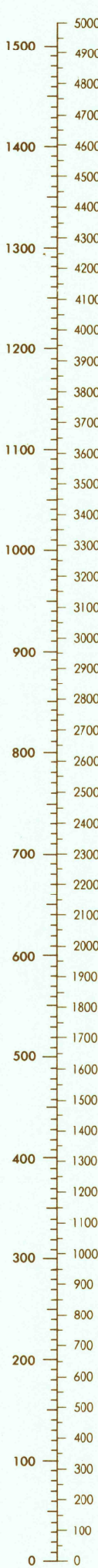




CONVERSION GRAPH  
(1 meter = 3.28 feet)



| Meters | Feet    |
|--------|---------|
| 1      | 3.2808  |
| 2      | 6.5617  |
| 3      | 9.8425  |
| 4      | 13.1234 |
| 5      | 16.4042 |
| 6      | 19.6850 |
| 7      | 22.9659 |
| 8      | 26.2467 |
| 9      | 29.5276 |
| 10     | 32.8084 |

EXAMPLE: Convert 478 meters to feet  
 $478 = 400 + 70 + 8$   
 $400m = 1312.3ft$   
 $70m = 229.7ft$   
 $+ 8m = 26.2ft$   
 $478m = 1571.5ft$

PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY  
CONTROL BY: UNITED STATES GEOLOGICAL SURVEY AND NOS/NOAA  
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN: 1982  
FIELD CHECKED: 1983 MAP EDITED: 1986  
PROJECTION: UNIVERSAL TRANSVERSE MERCATOR  
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ZONE 16  
1000-FOOT STATE GRID TICS: MICHIGAN, NORTH ZONE  
UTM GRID DECLINATION: 1927 NORTH AMERICAN DATUM  
1986 MAGNETIC NORTH DECLINATION: 230 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  
(8 meters north and 8 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  
1 000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000  
KILOMETERS  
METERS  
MILES  
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 COMPLETES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092  
AND GEOLOGICAL SURVEY DIVISION  
MICHIGAN DEPARTMENT OF NATURAL RESOURCES, LANSING, MICHIGAN 48909

QUADRANGLE LOCATION

|                |   |   |   |                |   |   |   |
|----------------|---|---|---|----------------|---|---|---|
| 1              | 2 | 3 | 4 | 5              | 6 | 7 | 8 |
| 1 Ralph NE     |   |   |   | 2 Northland NW |   |   |   |
| 3 Northland NE |   |   |   | 4 Ralph        |   |   |   |
| 5 Northland    |   |   |   | 6 Felch        |   |   |   |
| 7 Foster City  |   |   |   | 8 Helpe        |   |   |   |

ADJOINING 7.5 QUADRANGLE NAMES

CONTOURS AND ELEVATIONS IN METERS  
ROAD LEGEND  
Improved Road  
Unimproved Road  
Trail  
Interstate Route  
U.S. Route  
State Route  
ALFRED, MICHIGAN  
PROVISIONAL EDITION 1986  
46087-A6-TM-024

