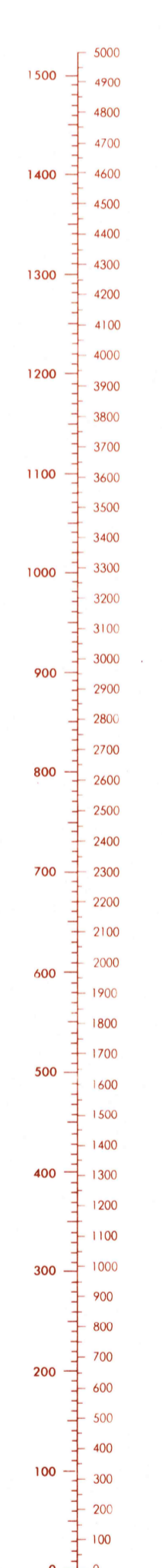




12' 30" CONVERSION GRAPH  
(1 meter = 3.28 feet)

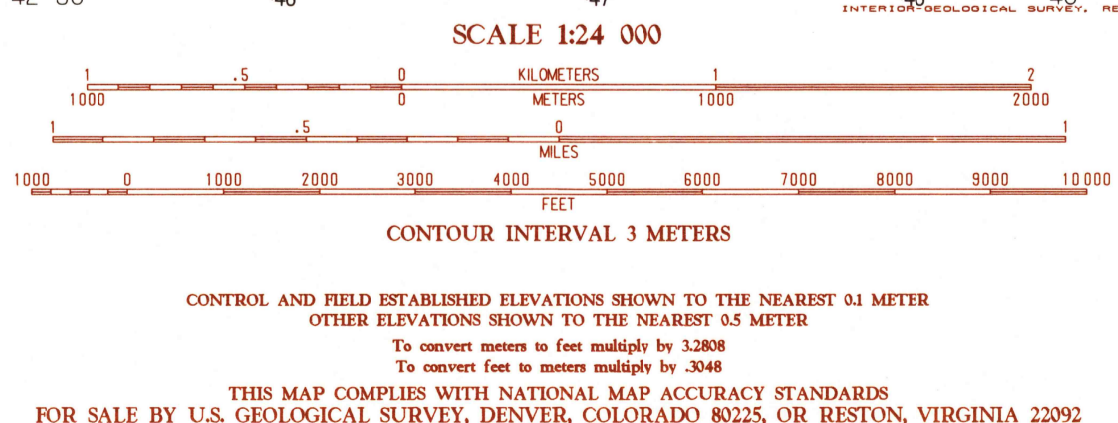


Meters	Feet
1	3.2808
2	6.5617
3	9.8425
4	13.1234
5	16.4042
6	19.6850
7	22.9659
8	26.2467
9	29.5276
10	32.8084

EXAMPLE Convert 479 meters to feet  
479 = 400 + 70 + 9  
400m = 1312 ft  
70m = 228 ft  
9m = 29 ft  
479m = 1571 ft

PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY CONTROL BY: USGS 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 10000-FOOT STATE GRID TICKS: MICHIGAN, NORTH ZONE UTM GRID DECLINATION: 0° 30' WEST 1986 MAGNETIC NORTH DECLINATION: 2° 00' 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. Information shown as of date of photography.



QUADRANGLE LOCATION

1	2	3	1	Chabeneau Lake
2	3	4	2	Green Hills
3	4	5	3	Catawac Basin
4	5	6	4	Ralph NE
5	6	7	5	Northland NE
6	7	8	6	Ralph
7	8		7	Alfred
8			8	Northland

ADJOINING 7.5' QUADRANGLE NAMES

CONTOURS AND ELEVATIONS IN METERS  
ROAD LEGEND

Improved Road  
Unimproved Road  
Trail

Interstate Route U.S. Route State Route

NORTHLAND NW, MICHIGAN  
PROVISIONAL EDITION 1986  
46087-B6-TM-024

