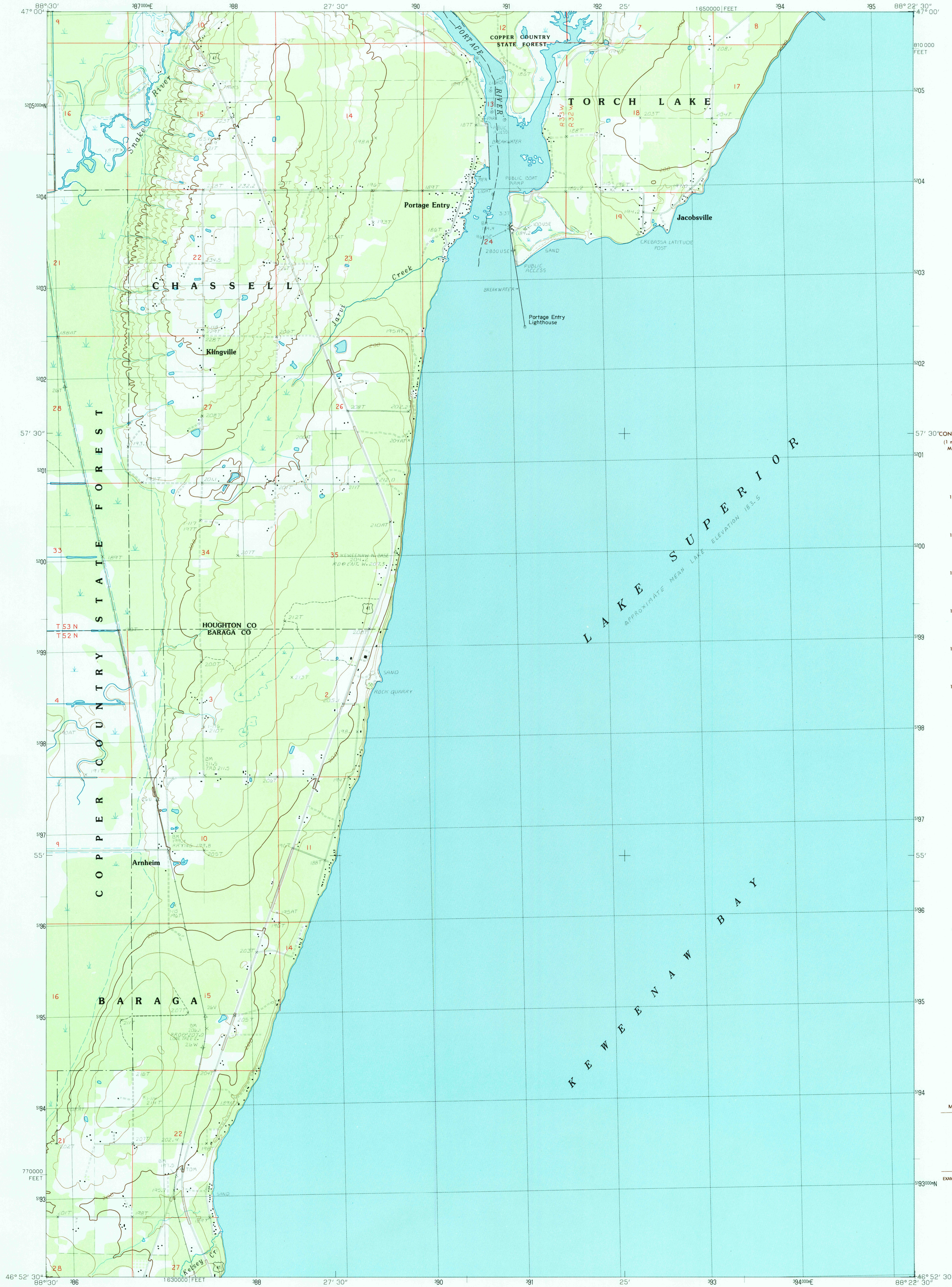
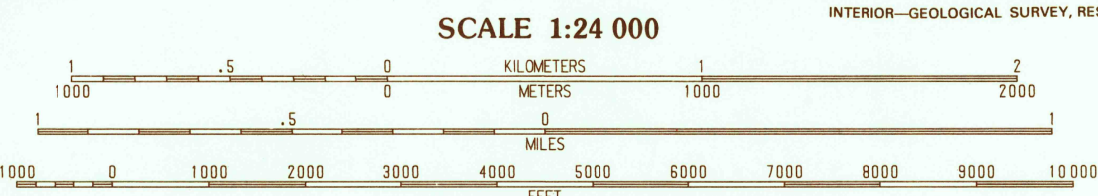




PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY: U.S.G.S. AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN: 1980-81
FIELD CHECKED: 1982 MAP EDITED: 1984
PROJECTION: 8 UNIVERSAL TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR
UTM GRID STATE GRID TICKS: MICHIGAN, NORTH ZONE
1983 MAGNETIC NORTH DECLINATION: 1°30' WEST
1984 MAGNETIC NORTH DECLINATION: 1°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
(7 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. Informa-
tion shown as of date of
photography. 1



CONTOUR INTERVAL 5 METERS
SUPPLEMENTARY CONTOUR INTERVAL 2.5 METERS
184.5 METER SUPPLEMENTARY CONTOUR ALONG SHORELINE
CONTROL AND FIELD ESTABLISHED ELEVATIONS SHOWN TO THE NEAREST 0.1 METER
OTHER ELEVATIONS SHOWN TO THE NEAREST 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 GEOLOGICAL SURVEY DIVISION
MICHIGAN DEPARTMENT OF NATURAL RESOURCES, LANSING, MICHIGAN 48909

1	2	3	1 Chassell
			2 Point Mills
			3 Traverse Island
4		5	4 Otter Lake
			5 Keweenaw Bay NE
			6 Bear Town
6	7	8	7 L'Anse
			8 Aura

ADJOINING 7.5' QUADRANGLE NAMES

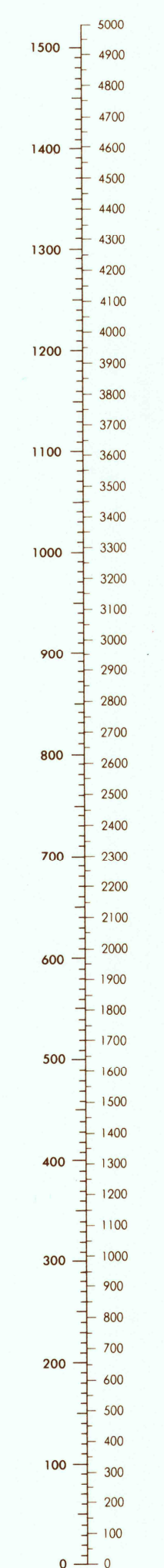
CONTOURS AND ELEVATIONS IN METERS
ROAD LEGEND

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

PORTAGE ENTRY, MICHIGAN
PROVISIONAL EDITION 1984

46088-H4-TM-024

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	22.9659
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

