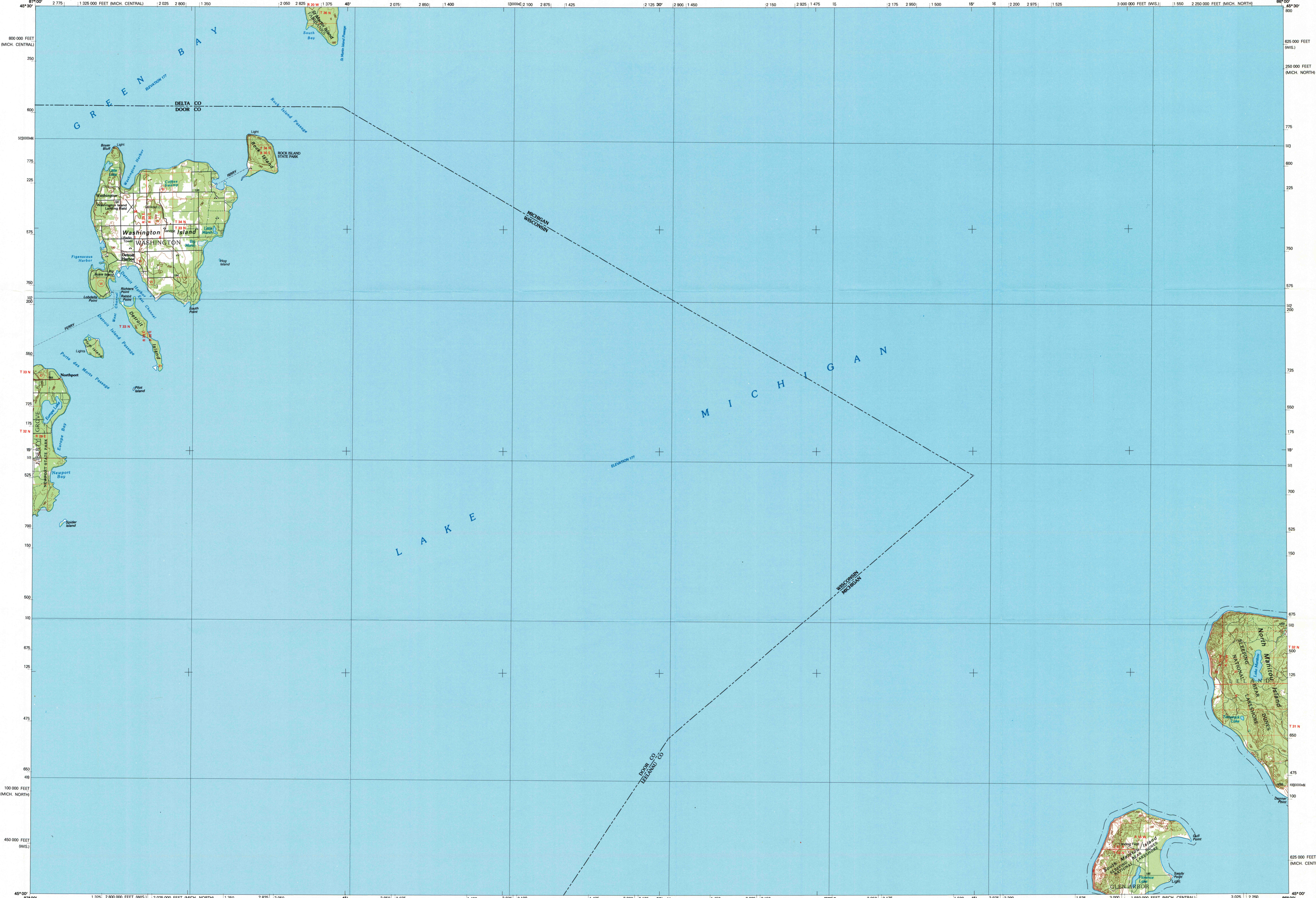


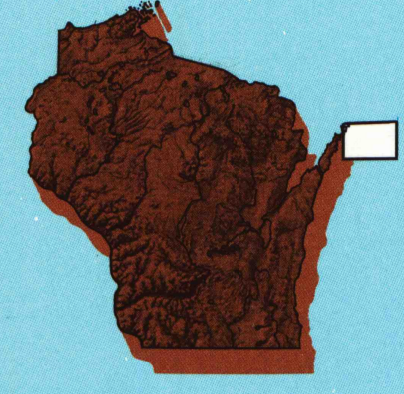
WASHINGTON ISLAND, WIS.-MICH.

30 X 60 MINUTE SERIES (TOPOGRAPHIC)



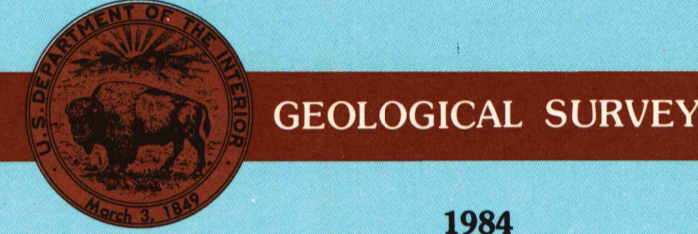
Washington Island WISCONSIN-MICHIGAN

1:100 000-scale metric topographic map



30 X 60 MINUTE QUADRANGLE SHOWING

- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names



1984 PHOTOINSPECTED 1988

Produced by the United States Geological Survey
 Compiled from USGS 1:62 500-scale topographic maps dated 1956 and 1960. Planimetry revised from aerial photographs taken 1981 and other source data. Revised information not field checked. Map edited 1984.
 Projection and 10 000-meter grid, zone 16, Universal Transverse Mercator
 25 000-foot grid ticks based on Wisconsin coordinate system, central zone, and Michigan coordinate system, central and north zones
 1927 North American Datum
 To place on the predicted North American Datum 1983, move the projection lines 4 meters north and 4 meters east
 There may be private inholdings within the boundaries of the National or State reservations shown on this map
 Map photoinspected using 1986-88 photographs
 No major culture or drainage changes found

CONTOUR INTERVAL 10 METERS
 NATIONAL GEODETIC VERTICAL DATUM OF 1929
 ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM	ADJOINING MAPS		
Meters	Feet		1	2	3
1	3.2808		1	2	3
2	6.5617		4	5	
3	9.8425		6	7	8
4	13.1234				
5	16.4042				
6	19.6850				
7	22.9659				
8	26.2467				
9	29.5276				
10	32.8084				

To convert meters to feet (DN and 1984 magnetic declination (M)) multiply by 3.2808
 To convert feet to meters multiply by 0.3048

Number	Name
1	Escanaba
2	Manistowic
3	Beaver Island
4	Marquette
5	Charlevoix
6	Sturgeon Bay
7	Cystal Lake
8	Traverse City

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 DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
 ARTHUR H. ROBINSON MAP LIBRARY
 University of Wisconsin-Madison

JUL 22 1993 Topographic Map Symbols

- Primary highway, hard surface
- Secondary highway, hard surface
- Light duty road, principal street, hard or improved surface
- Other road or street, trail
- Route marker: Interstate, U.S., State
- Railroad: standard gage; narrow gage
- Bridge: overpass; underpass
- Tunnel: road; railroad
- Built up area, locality, elevation
- Airport: landing field; landing strip
- National boundary
- State boundary
- County boundary
- National or State reservation boundary
- Land grant boundary
- U.S. public lands survey: range, township, section
- Range, township; section line: protracted
- Power transmission line: pipeline
- Dam: dam with lock
- Cemetery: building
- Well: water well; spring
- Mine shaft; adit or cave; mine, quarry; gravel pit
- Campground; picnic area; U.S. location monument
- Ruins; cliff dwelling
- Distorted surface: strip mine, lava, sand
- Contours: index; intermediate; supplementary
- Bathymetric contours: index; intermediate
- Stream, lake: perennial; intermittent
- Rapids, large and small; falls, large and small
- Area to be submerged; marsh, swamp
- Land subject to controlled inundation; woodland
- Scrub; mangrove
- Orchard; vineyard

A pamphlet describing topographic maps is available on request

3006-9/8 Copy 4 x SET 4-454

SCALE 1:100 000 1 CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND

WASHINGTON ISLAND, WIS.-MICH. 45086-A1-TM-100

1984 PHOTOINSPECTED 1988