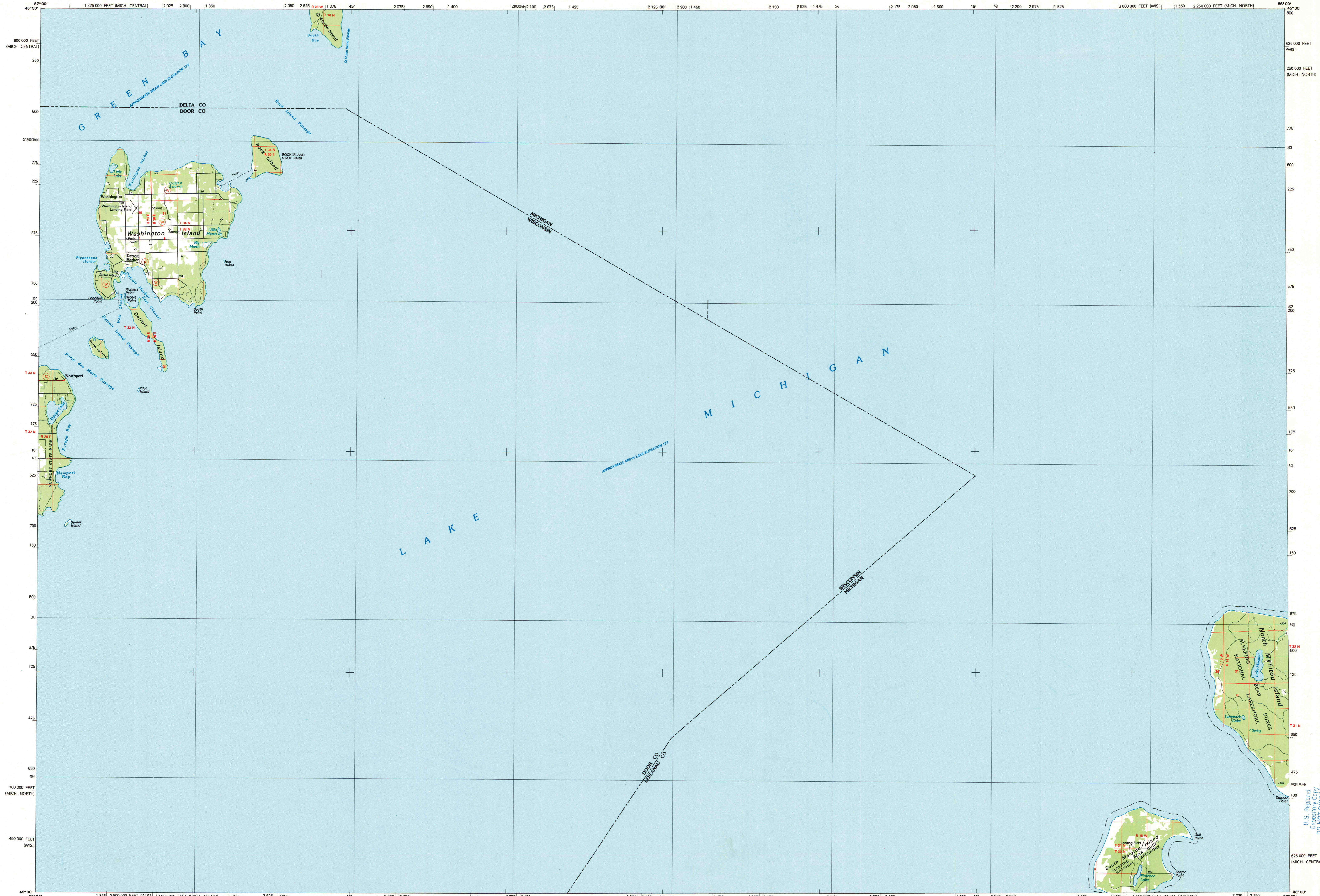


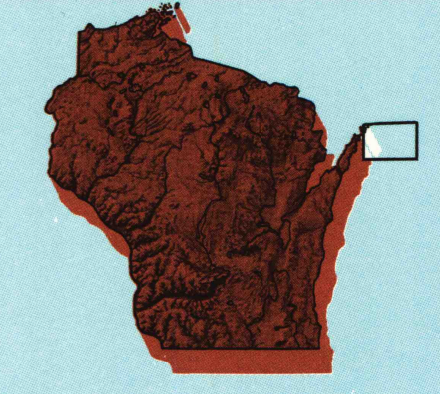
WASHINGTON ISLAND, WIS.-MICH.

30 X 60 MINUTE SERIES (PLANIMETRIC)

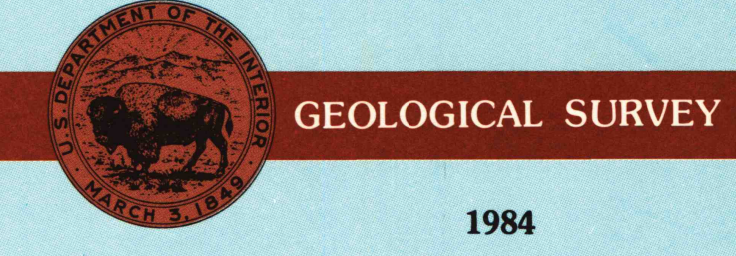


Washington Island WISCONSIN-MICHIGAN

1:100 000-scale planimetric map



- 30 X 60 MINUTE QUADRANGLE SHOWING
- Elevations in meters
 - Highways, roads and other manmade structures
 - Water features
 - Woodland areas
 - Geographic names



Produced by the United States Geological Survey
 Compiled from USGS 1:24 000 and 1:50 000-scale topographic maps dated 1956-1982. 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.

ELEVATIONS SHOWN TO THE NEAREST METER
 THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM	ADJOINING MAPS
Meters	Feet		1 Escanaba
1	3 280		2 Marquette
2	6 561		3 Beaver Island
3	9 842		4 Marquette
4	13 123		5 Charlevoix
5	16 404		6 Sturgeon Bay
6	19 685		7 Crystal Lake
7	22 966		8 Traverse City
8	26 247		
9	29 528		
10	32 809		

To convert meters to feet multiply by 3.2808
 To convert feet to meters multiply by 0.3048

UTM grid convergence (GN) and 1984 magnetic declination (MD) at center of map. Diagram is approximate.

FOR SALE BY U.S. GEOLOGICAL SURVEY
 RESTON, VIRGINIA 22092

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, projection
- Power transmission line, pipeline
- Dam; dam with lock
- Cemetery; building
- Windmill; 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, levee, sand
- Contours: index; intermediate; supplementary
- Bathymetric contours: index; intermediate
- Stream, lake: perennial; intermittent
- Rapid, large and small; falls, large and small
- Area to be submerged; marsh, swamp
- Land subject to controlled inundation; woodland
- Srork; mangrove
- Orchard; vineyard

A pamphlet describing topographic maps is available on request
 ARTHUR H. ROBINSON MAP LIBRARY
 University of Wisconsin-Madison
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 Xcopy 1

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

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

NON-CIRCULATING 1984