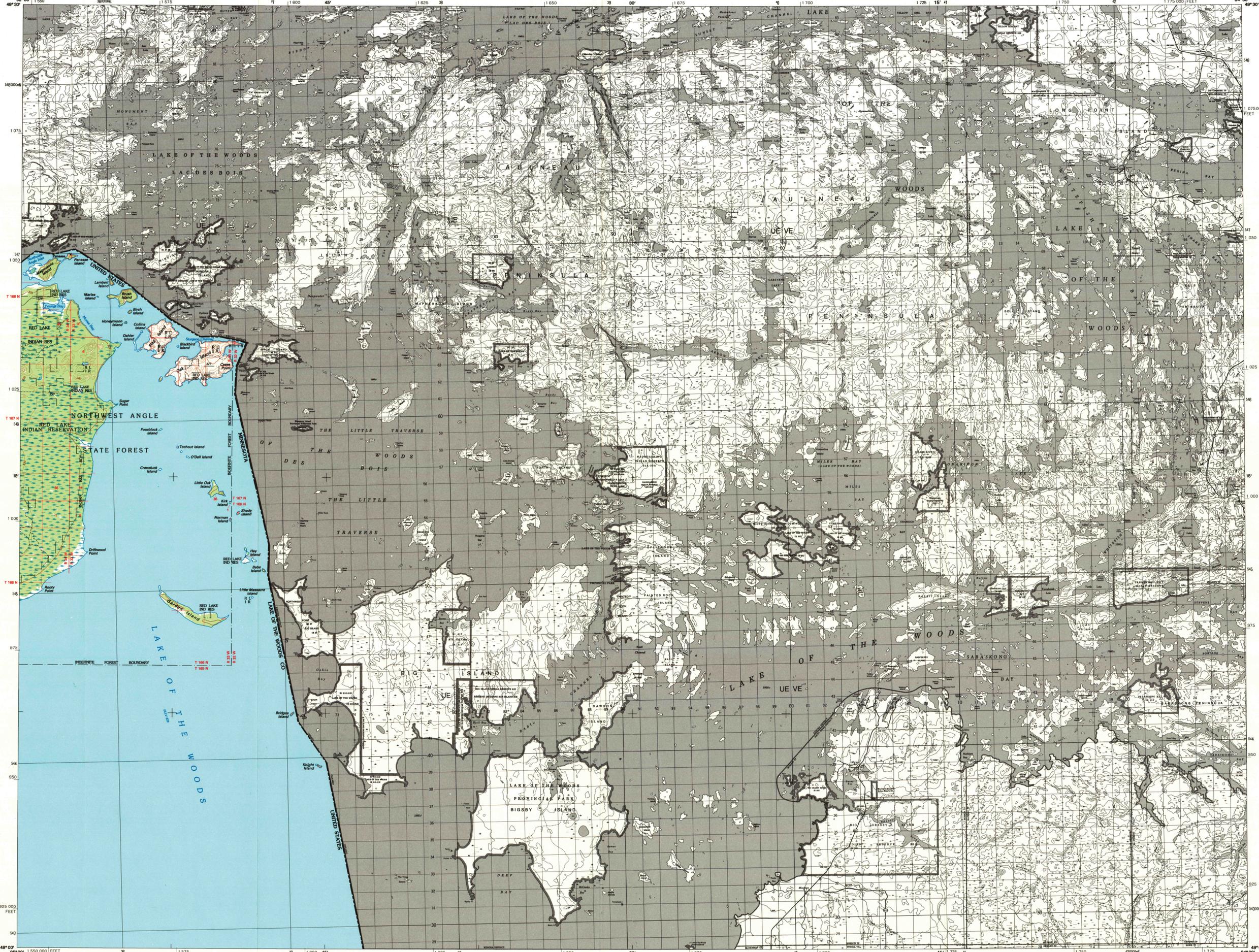


OAK ISLAND, MINNESOTA-ONTARIO

30 X 60 MINUTE SERIES (TOPOGRAPHIC)



# Oak Island

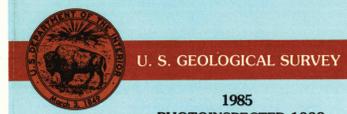
MINNESOTA-ONTARIO

1:100 000-scale metric topographic map



30 X 60 MINUTE QUADRANGLE SHOWING

- Contours and elevations
- 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-scale topographic maps dated 1967. Planimetry revised from aerial photographs taken 1982 and other source data. Revised information not field checked. Map edited 1985 Canadian portion copied from Department of Energy, Mines and Resources, 1:50 000-scale topographic maps dated 1976-88 Canadian portion of this map © by Her Majesty the Queen in Right of Canada, and may not be reproduced or redistributed without express consent of Energy, Mines and Resources Canada, 4th Floor, 615 Booth Street, Ottawa, Ontario, K1A 0S9

1927 North American Datum (NAD 27). Projection and 10 000-meter grid: Universal Transverse Mercator, zone 15 25 000-foot tick: Minnesota coordinate system, north zone The difference between NAD 27 and North American Datum of 1983 (NAD 83) is too small to show at this scale. The values of the shift between the datums for 7.5-minute intersections are given in USGS Bulletin 1575

There may be private inholdings within the boundaries of the National or State reservations shown on this map

The U.S. portion of this map photorevised using 1988 photographs No major culture or drainage changes found

CONTOUR INTERVAL: 5 METERS IN UNITED STATES  
 CONTOUR INTERVAL: 25 AND 50 FEET IN CANADA  
 NATIONAL GEODETIC VERTICAL DATUM OF 1929  
 ELEVATIONS SHOWN TO THE NEAREST METER IN UNITED STATES  
 ELEVATIONS SHOWN TO THE NEAREST FOOT IN CANADA  
 THE U.S. PORTION OF THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet	UTM grid convergence (GM) and 1983 magnetic declination (MD) at center of map. Diagram is approximate.		1	2	3
1	3.2808		4 1/2	1	2	3
2	6.5617					
3	9.8425					
4	13.1234					
5	16.4042					
6	19.6850					
7	22.9659					
8	26.2467					
9	29.5275					
10	32.8084					

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

4 Angle Inlet  
 6 Reservoir  
 8 International Falls

FOR SALE BY U.S. GEOLOGICAL SURVEY DENVER, COLORADO 80225, OR 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
- Civil township boundary
- National or State reservation boundary
- Land grant boundary
- U.S. public lands survey: range, township, section
- Range, township; section line; projected
- 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
- Ruin; cliff dwelling
- Dispersed surface: strip mine, lava, sand
- Contour: 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



SCALE 1:100 000  
 1 CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND  
 CONTOUR INTERVAL 5 METERS IN UNITED STATES  
 CONTOUR INTERVAL 25 AND 50 FEET IN CANADA

## OAK ISLAND, MINNESOTA-ONTARIO

49094-A1-TM-100

1985 PHOTOINSPECTED 1988