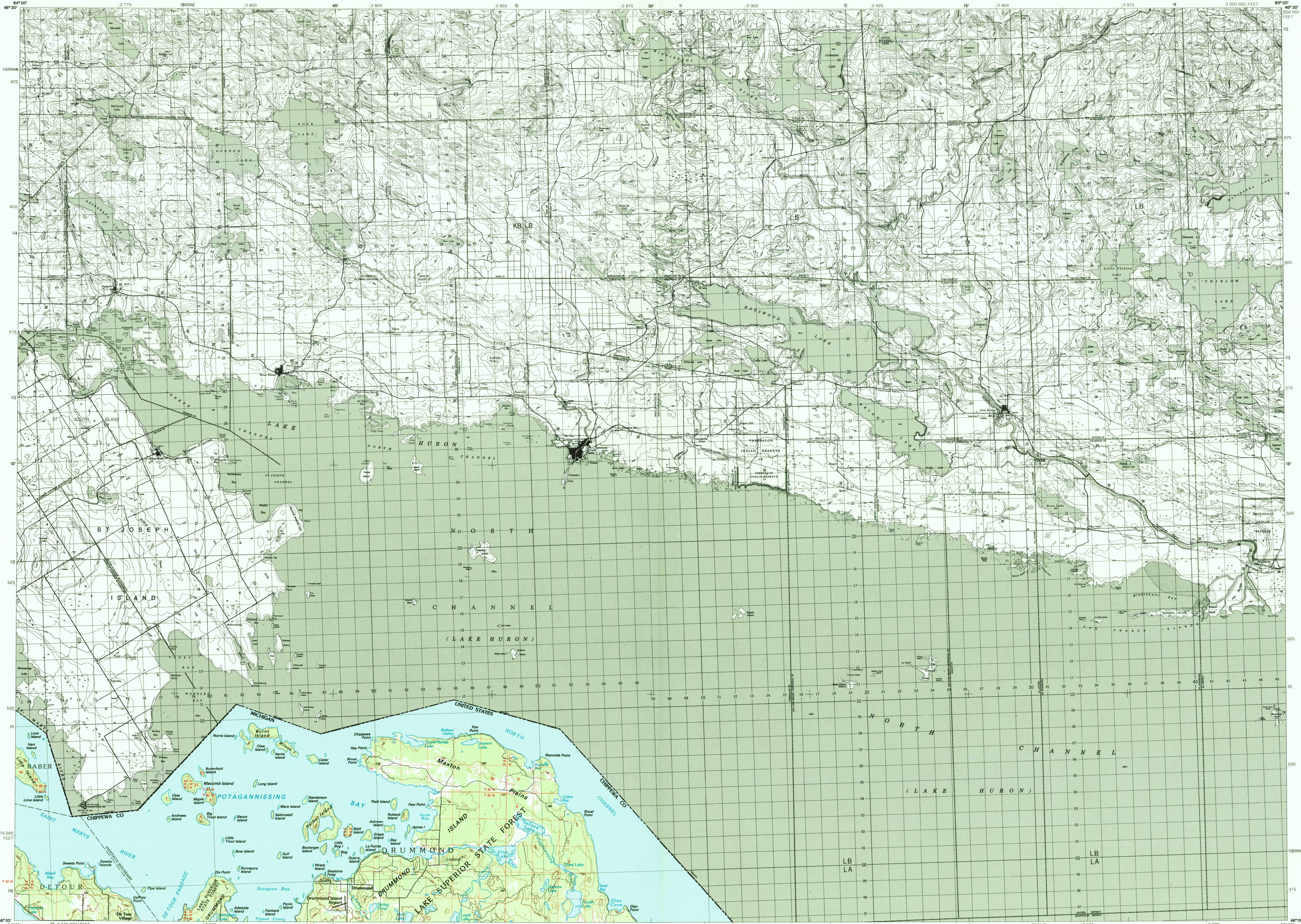
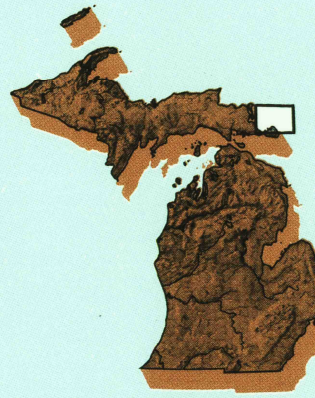




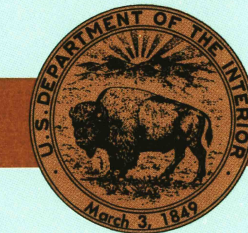
Drummond
MICHIGAN-ONTARIO

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



U. S. GEOLOGICAL SURVEY

1984
PHOTOINSPECTED 1992

Produced by the United States Geological Survey
Compiled from USGS 1:24 000-scale topographic maps dated 1964-76. Planimetry revised from aerial photographs taken 1982 and other source data. Revised information not field checked. Map edited 1984 Canadian portion copied from Department of Energy, Mines and Resources, 1:50 000-scale topographic maps dated 1975 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 0G9

1927 North American Datum (NAD 27). Projection and 10 000-meter grid: Universal Transverse Mercator, zone 17 25 000-foot ticks. Michigan 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 1875

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 photinspected using 1992 photographs No major culture or drainage changes found

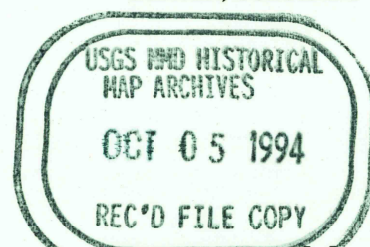
CONTOUR INTERVAL 10 METERS IN UNITED STATES
CONTOUR INTERVAL 50 FEET IN CANADA

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			1	2	3
1	3.2808			4	5	
2	6.5617					
3	9.8425			6	7	8
4	13.1234			1 Sault Sainte		
5	16.4042			2 Marie North		
6	19.6850			3 Sault Sainte		
7	22.9658			4 Marie South		
8	26.2467			5 Cheboygan		
9	29.5275			7 De Tour Village		
10	32.8084			8		
To convert meters to feet multiply by 3.2808		UTM grid convergence (GN) and 1984 magnetic declination (MN) at center of map multiply by 0.3048				

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 gauge, narrow gauge	
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: protracted	
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, 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

• INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1992

KILOMETERS 1 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

MILES 1 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

SCALE 1:100 000

CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND

CONTOUR INTERVAL 10 METERS IN UNITED STATES

CONTOUR INTERVAL 50 FEET IN CANADA

1000 0 5000 10000 15000 20000 25000 30000 35000 40000 45000 50000 55000 60000 65000 70000

METERS

1000 0 5000 10000 15000 20000 25000 30000 35000 40000 45000 50000 55000 60000 65000 70000

FEET

DRUMMOND, MICHIGAN-ONTARIO
46083-A1-TM-100

1984

PHOTOINSPECTED 1992