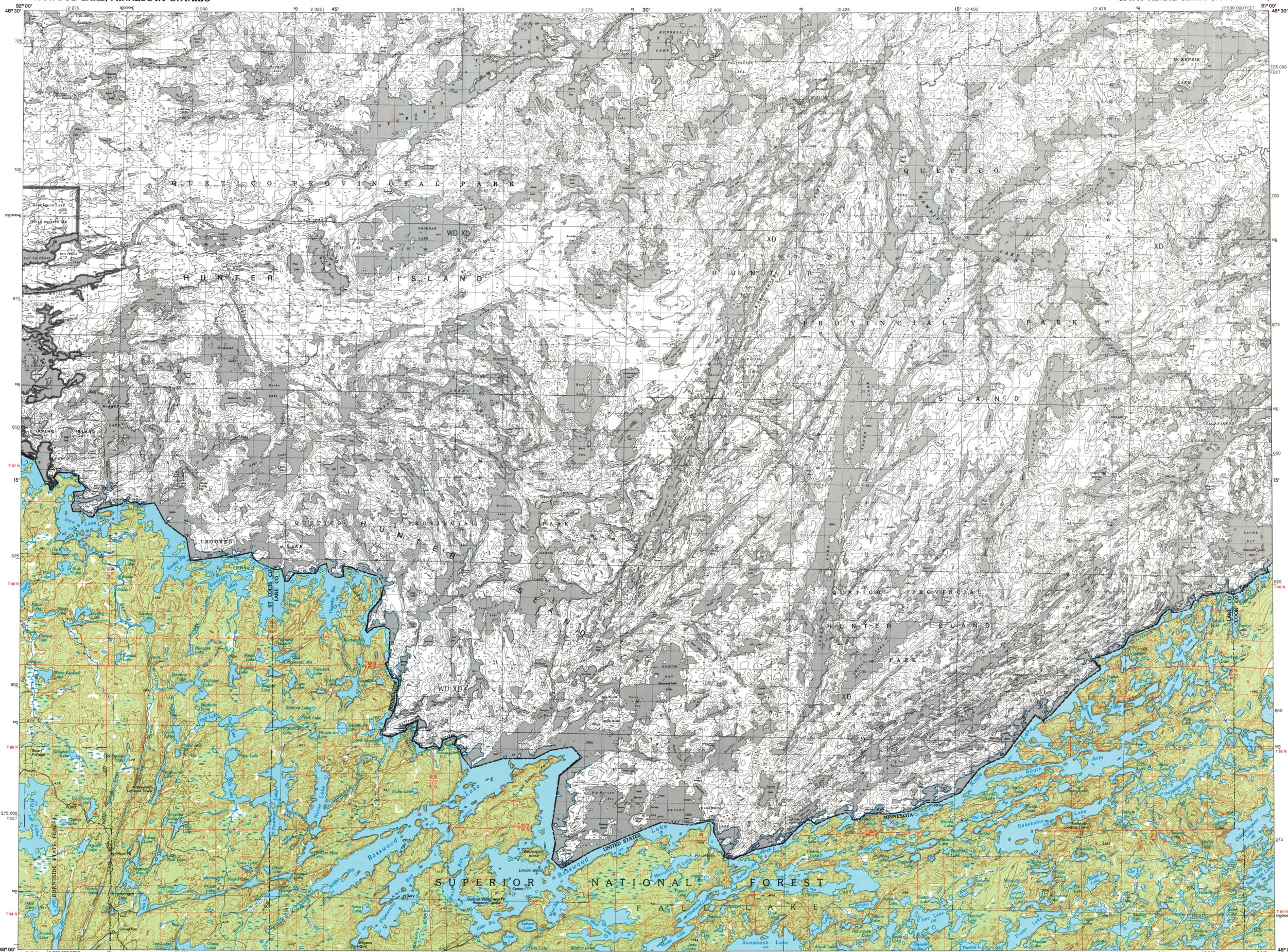


BASSWOOD LAKE, MINNESOTA-ONTARIO

30 X 60 MINUTE SERIES (TOPOGRAPHIC)



Basswood Lake MINNESOTA-ONTARIO

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



Produced by the United States Geological Survey
 Compiled from USGS 1:24 000 and 1:62 500-scale topographic maps dated 1957-63
 Canadian portion compiled from Department of Energy, Mines and Resources, 1:50,000-scale topographic maps dated 1979
 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 0E9
 1927 North American Datum (NAD 27). Projection and 10 000-meter grid; Universal Transverse Mercator, zone 15 25 000-foot ticks; 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 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 photoinspected using 1991-92 photographs
 No major culture or drainage changes found

CONTOUR INTERVAL 10 METERS IN UNITED STATES
 NATIONAL GEODETIC VERTICAL DATUM OF 1929
 ELEVATIONS SHOWN TO THE NEAREST METERS IN UNITED STATES
 ELEVATIONS SHOWN TO THE NEAREST FOOT IN CANADA
 THE U.S. PORTION OF THIS MAP COMPLES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet	GN	MN	1	2	3
1	3.2808	0	27'	1	2	3
2	6.5617	10'	44	4	5	6
3	9.8425	20'	61	7	8	
4	13.1234	30'	78			
5	16.4042	40'	95			
6	19.6850	50'	112			
7	22.9659	60'	129			
8	26.2467	70'	146			
9	29.5276	80'	163			
10	32.8084	90'	180			

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

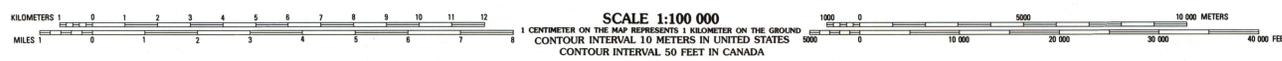
UTM grid convergence (GN) and 1977 magnetic declination (MN) at center of map
 Diagram is approximate

1 Brake Narrows
 2
 3
 4 Crane Lake
 5 Saganaga Lake
 6 Vermilion Lake
 7 Ely
 8 Grand Marais

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 AUG 29 1994

University of Wisconsin
 Madison
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: covered; underpass	Tunnel: road; railroad	Built up area; locality, elevation	Airport; landing field; landing strip	National boundary	County boundary	City/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	Ruin; 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
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 48091-A1-TM-100
 1977
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A pamphlet describing topographic maps is available on request

2006-9/8

SET