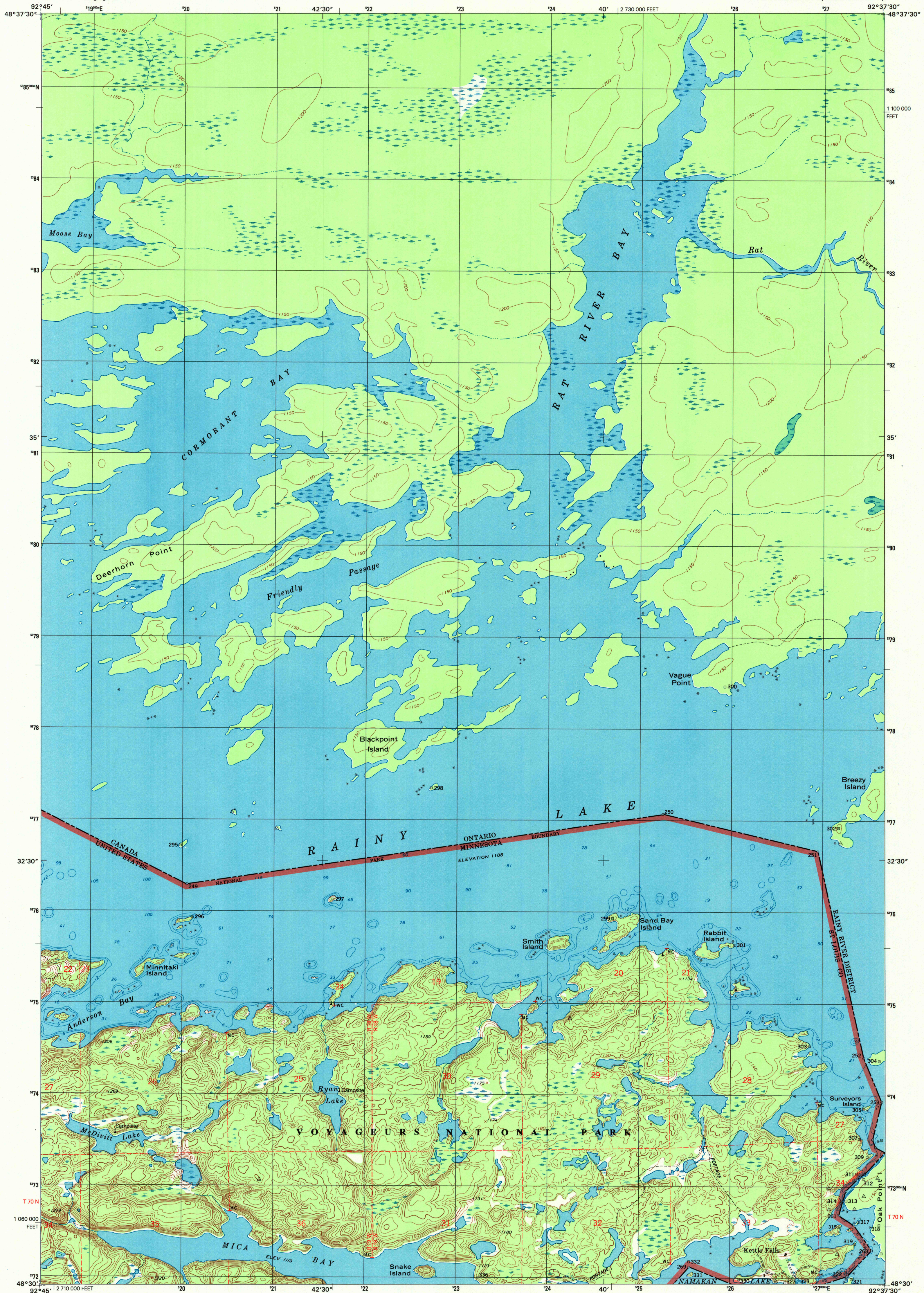




Produced by the United States Geological Survey
Topography compiled 1966. Planimetry derived from imagery taken 1999 and other sources. Public Land Survey System and survey control current as of 1967. Boundaries current as of 2002 Canadian portion copied from advance print Seine Bay quadrangle (1:40 000) 1966, Surveys and Mapping Branch, Department of Mines and Technical Surveys.
Selected hydrographic data compiled from U.S. Lake Survey Chart 819 (1965). This information is not intended for navigational purposes.
North American Datum of 1983 (NAD 83). Projection and 1 000-meter grid: Universal Transverse Mercator, zone 15 10 000-foot ticks: Minnesota Coordinate System of 1983 (north zone).
North American Datum of 1927 (NAD 27) is shown by dashed corner ticks. The values of the shift between NAD 83 and NAD 27 for 7.5-minute intersections are obtainable from National Geodetic Survey NADCON software.
There may be private inholdings within the boundaries of the National or State reservations shown on this map.
Houses of worship, schools, and other labeled buildings verified 1967.

UTM GRID AND 2002 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
0° 14' 4 MILS
9 MILS

SCALE 1:24 000
1 000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000
KILOMETERS
METERS
MILES
CONTOUR INTERVAL 10 FEET IN THE UNITED STATES
CONTOUR INTERVAL 50 FEET IN CANADA
U.S. PORTION ON NATIONAL GEODETIC VERTICAL DATUM OF 1929 (TO CONVERT ELEVATIONS TO THE NORTH AMERICAN VERTICAL DATUM OF 1988, ADD 1 FOOT)
DEPTH CURVES AND SOUNDINGS IN FEET - DATUM IS 1102 FEET
TO CONVERT FROM FEET TO METERS, MULTIPLY BY 0.3048



ROAD CLASSIFICATION
Primary highway hard surface Light-duty road, hard or improved surface
Secondary highway hard surface Unimproved road
Interstate Route U.S. Route State Route

1	2	3	4	5	6	7	8
1	2	3	4	5	6	7	8
1	2	3	4	5	6	7	8
1	2	3	4	5	6	7	8

2003

KETTLE FALLS, MN-ON

1999

NIMA 7481 II SW-SERIES V872

