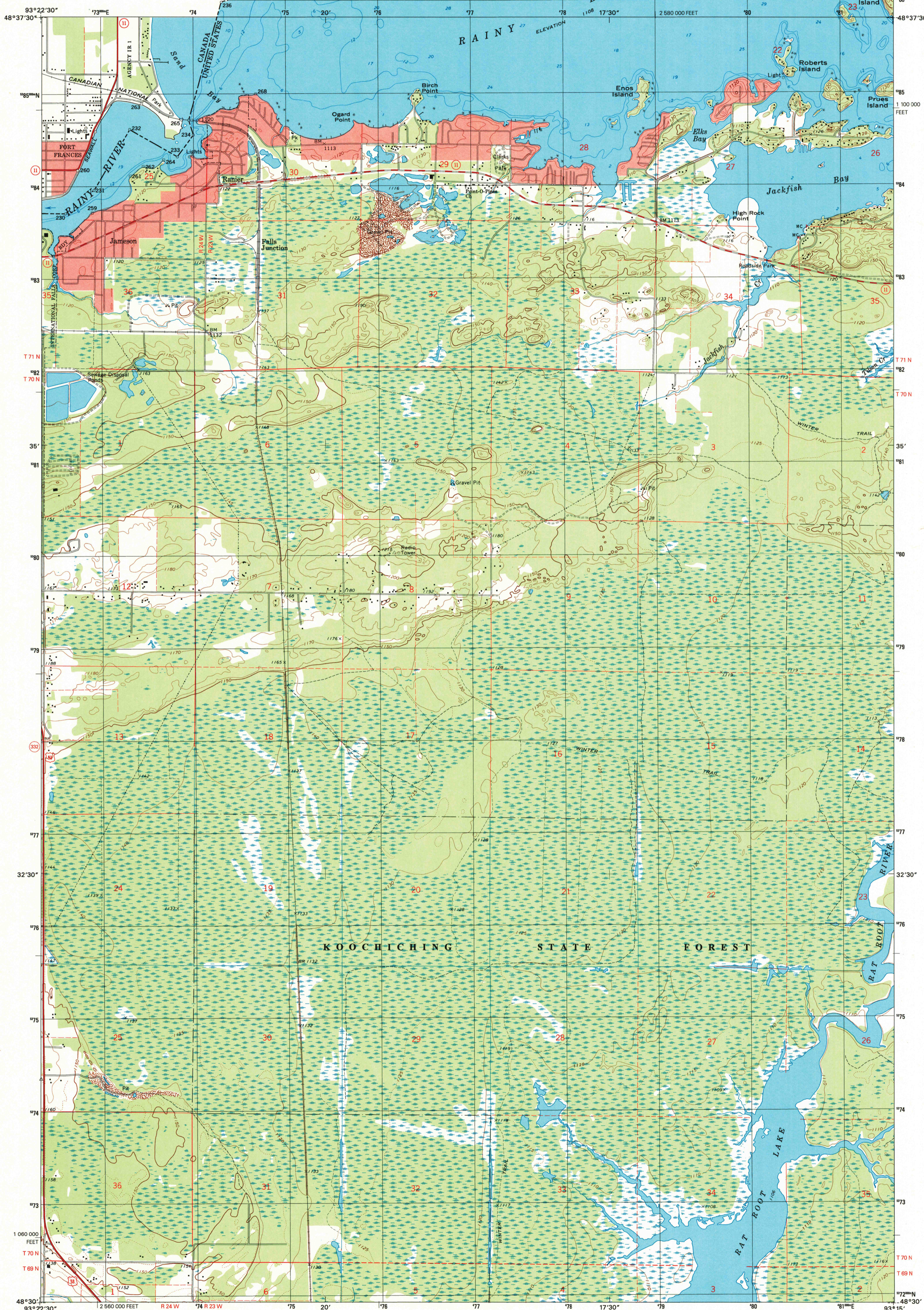


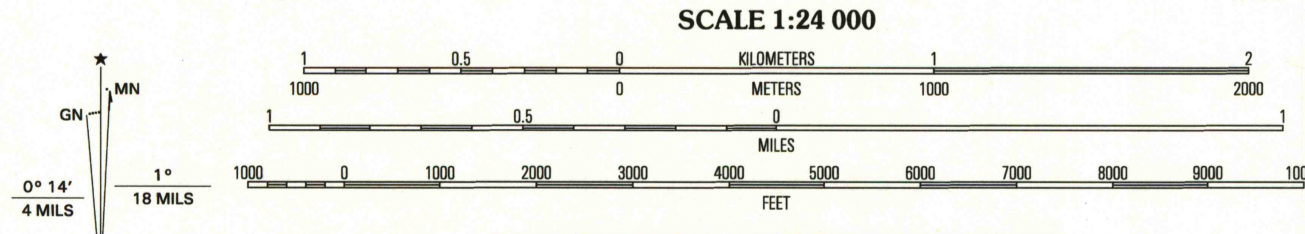


U.S. DEPARTMENT OF THE INTERIOR  
U.S. GEOLOGICAL SURVEY

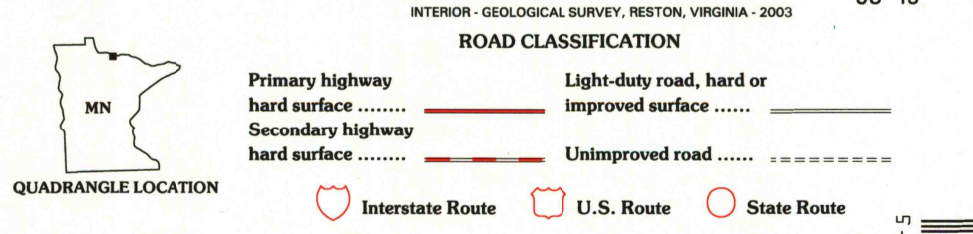
STATE OF MINNESOTA  
DEPARTMENT OF ADMINISTRATION



Produced by the United States Geological Survey  
Topography compiled 1968. Planimetry derived from imagery taken 1999 and other sources. Public Land Survey System and survey control current as of 1969. Boundaries current as of 2002. Canadian portion copied in part from advance print Fort Frances quadrangle (1:40 000) 1964, Department of Energy, Mines and Resources.  
Selected hydrographic data compiled from U.S. Lake Survey Chart 823 (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 1969.



SCALE 1:24 000  
CONTOUR INTERVAL 10 FEET IN THE UNITED STATES  
CONTOUR INTERVAL 50 FEET IN CANADA  
SUPPLEMENTARY CONTOUR INTERVAL 5 FEET IN THE UNITED STATES  
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



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

ADJOINING 7.5' QUADRANGLES

THE UNITED STATES PORTION COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, P.O. BOX 25286, DENVER, COLORADO 80225  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

2003 RANIER, MN-ON  
1999  
NIMA 7381 III SE-SERIES V872

