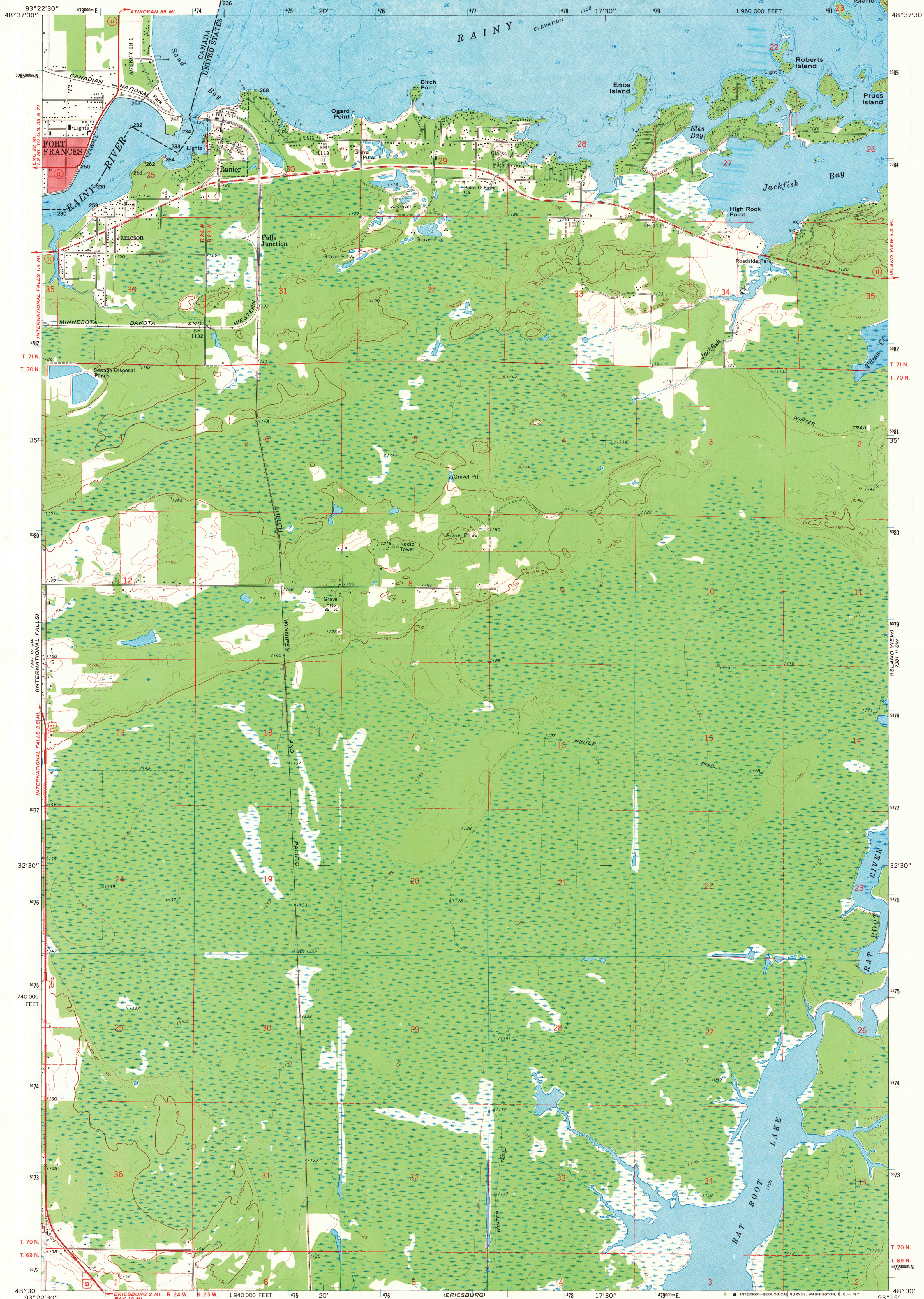


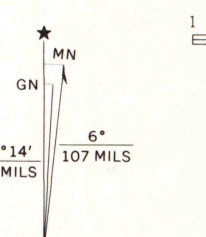
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF MINNESOTA
DEPARTMENT OF ADMINISTRATION

RANIER QUADRANGLE
MINNESOTA-ONTARIO
7.5 MINUTE SERIES (TOPOGRAPHIC)



Mapped, edited, and published by the Geological Survey
Control by USGS, USC&GS, and International Boundary Commission
Topography by photogrammetric methods from aerial
photographs taken 1968. Field checked 1969
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
Polyconic projection. 1927 North American datum
10,000-foot grid based on Minnesota coordinate system, north zone
1000-meter Universal Transverse Mercator grid ticks,
zone 15, shown in blue
Red tint indicates area in which only landmark buildings are shown
Fine red dashed lines indicate selected fence and field lines where
generally visible on aerial photographs. This information is unchecked



CONTOUR INTERVAL 10 FEET IN THE UNITED STATES AND 50 FEET IN CANADA
DOTTED LINES REPRESENT 5-FOOT CONTOURS
DATUM IS MEAN SEA LEVEL
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS 1102 FEET

THE U. S. PORTION OF THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



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

RANIER, MINN.
N4830—W9315/7.5
1969
AMS 7381 III SE—SERIES V872

AUG 9 1971

University of Wisconsin