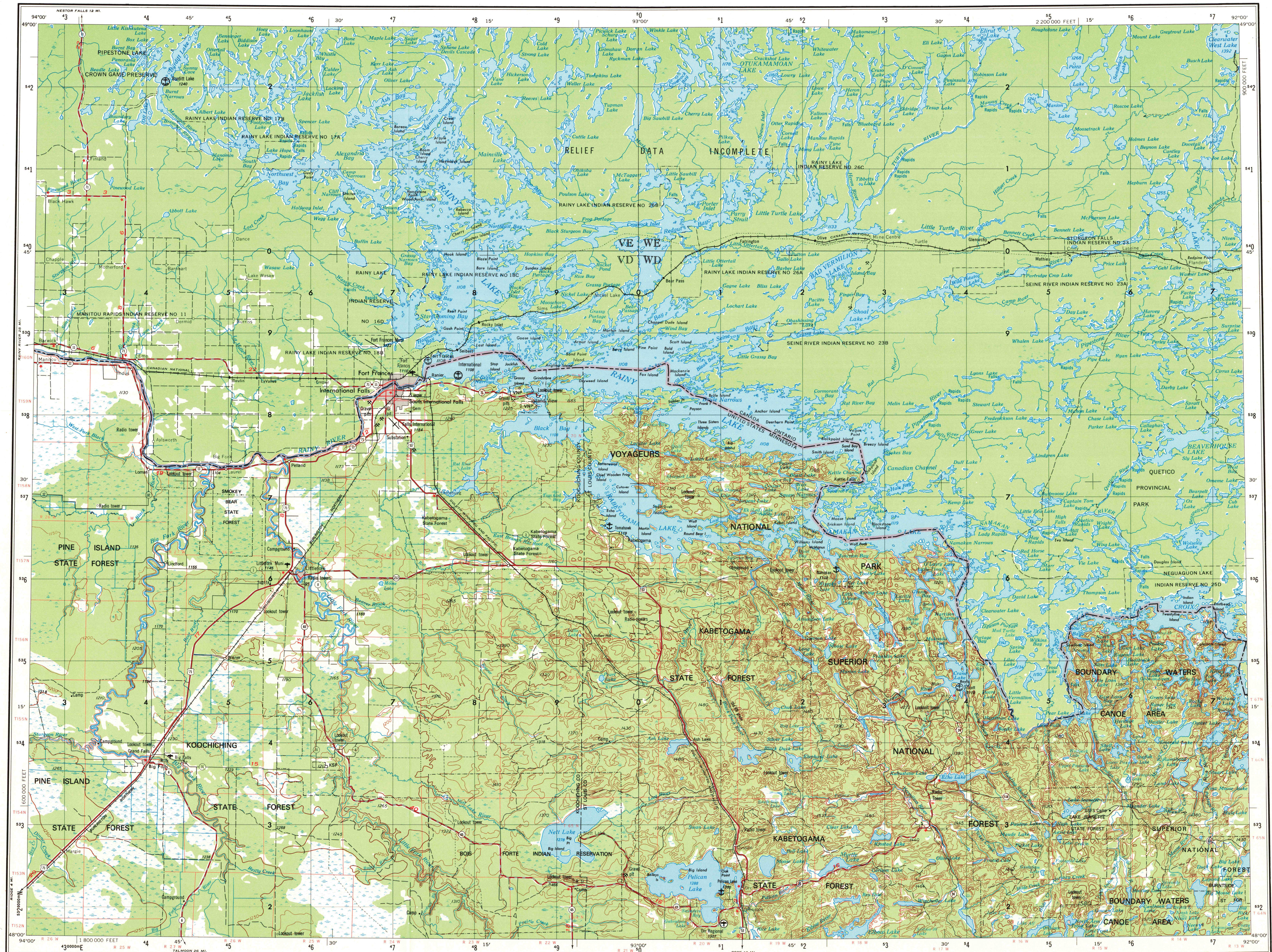




PRODUCED BY THE U. S. GEOLOGICAL SURVEY
Base map prepared by the Defense Mapping Agency by photogrammetric methods and from National Topographic Series, 1:253,440-scale Canada Department of Mines and Resources, Sheet 52-C. Field checked 1954. Revised by the U. S. Geological Survey from aerial photographs taken 1974, 1976 and 1977 and other source data. Revised information not field checked. Map edited 1980.
Transverse Mercator Projection. 10,000-meter Universal Transverse Mercator grid, zone 15. 100,000-foot grid ticks based on Minnesota coordinate system, north zone, 1927 North American Datum. To place on the predicted North American Datum 1983 move the projection lines 5 meters north and 14 meters east.
Location of geodetic control established by government agencies is shown on corresponding 1:250,000-scale Geodetic Control Diagram. There may be private inholdings within the boundaries of the National or State reservations shown on this map.

LEGEND
Figures in red denote approximate distances in miles between stars.

POPULATED PLACES
Over 500,000
100,000 to 500,000
25,000 to 100,000
5,000 to 25,000
1,000 to 5,000
Less than 1,000

ROADS
Primary, all-weather, hard surface
Secondary, all-weather, hard surface
Light-duty, all-weather, hard or improved surface
Fair or dry weather, unimproved surface
Trail
Interchange

RAILROADS
Single track double or multiple
Normal gauge
Narrow gauge

BOUNDARIES
International
State
County
Park or reservation

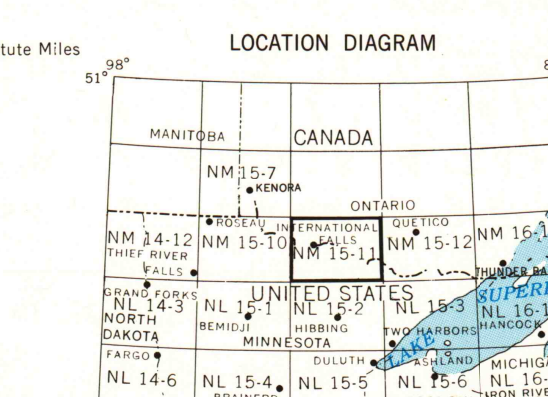
Other features:
Landplane airport
Landing area
Seaplane airport
Seaplane anchorage
Woods/bushwood
Mine
Landmark: School; Church; Other
Spot elevation in feet
Marsh or swamp
Intermittent or dry stream
Power line

Scale 1:250,000
0 5 10 15 20 25 30 Statute Miles
0 5 10 15 20 25 30 Nautical Miles

CONTOUR INTERVAL 50 FEET

1980 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 4° (70 MILS) EASTERLY FOR THE CENTER OF THE WEST EDGE TO 2° (40 MILS) EASTERLY FOR THE CENTER OF THE EAST EDGE.

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092



SECTIONIZED TOWNSHIP

6	5	4	3	2	1
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30
31	32	33	34	35	36

GRID ZONE DESIGNATION
15U
100,000 M. SQUARE IDENTIFICATION
VE WE
VD WD

TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 1000 METERS
SAMPLE POINT: QBR

1. Read letters identifying 100,000 meter square in which the point lies.
2. Locate first VERTICAL grid line to LEFT of point and read LATERAL figure labeling the line either in the top or bottom margin, or on the line itself.
3. Estimate tenths from grid line to point.
4. Locate first HORIZONTAL grid line BELOW point and read LATERAL figure labeling the line either in the left or right margin, or on the line itself.
5. Estimate tenths from grid line to point.

SAMPLE REFERENCE:
5970000
15UW01222

INTERNATIONAL FALLS, MINN., U. S., ONT., CAN.
1954
REVISED (U. S. AREA) 1980

FEB 13 1981
USGS
Historical File
Topographic Division
2400