

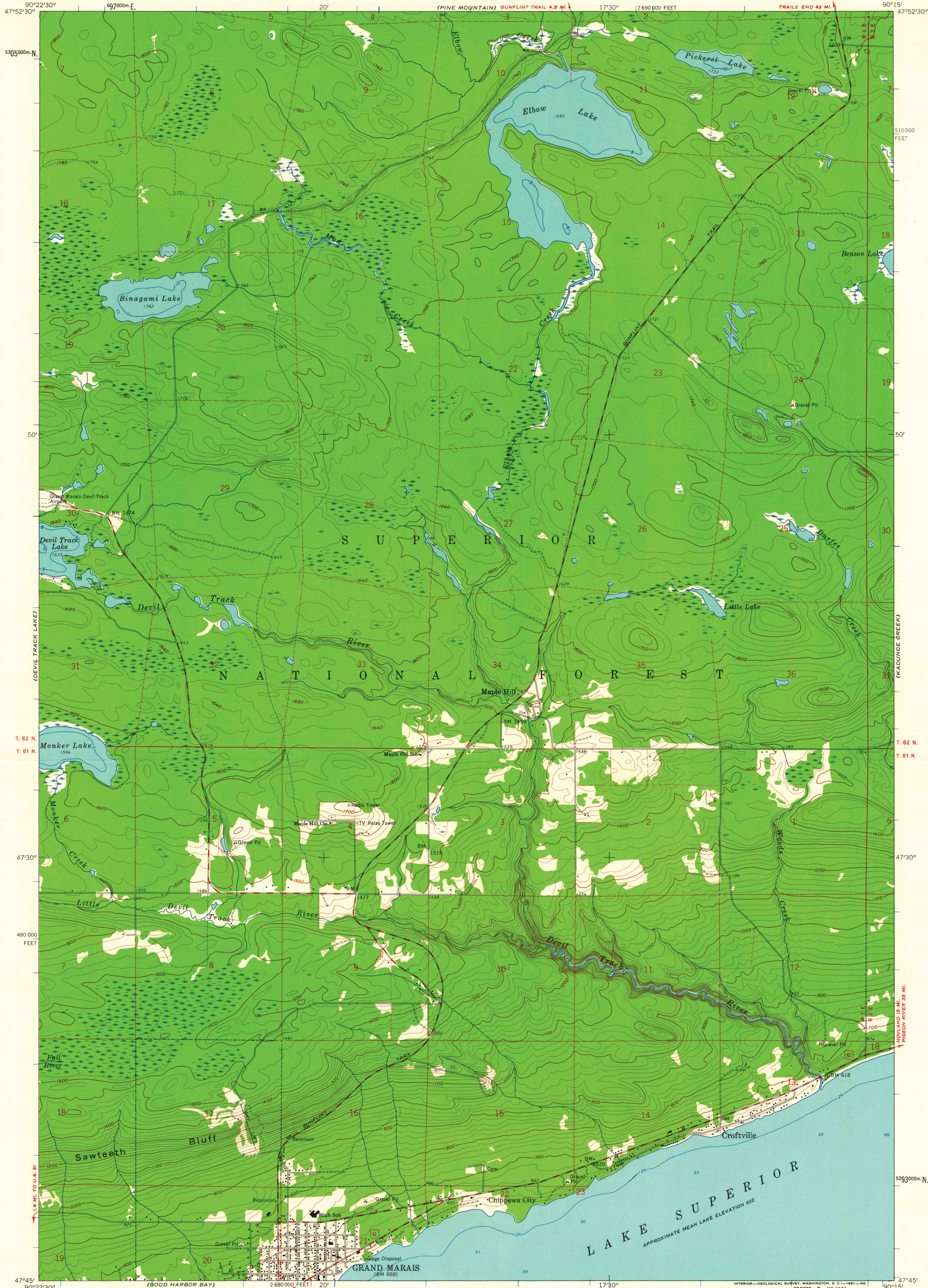
CLIMA MOUNTAIN
90°22'30"
47°52'30"

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF MINNESOTA
IRON RANGE RESOURCES AND REHABILITATION COMMISSION
A. M. DEYOANNE, COMMISSIONER

GRAND MARAIS QUADRANGLE
MINNESOTA-COOK CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

(NORTHERN LIGHT LAKE)
90°15'
47°52'30"



Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography from aerial photographs by photogrammetric methods
Aerial photographs taken 1957. Field check 1960
Selected hydrographic data in Lake Superior compiled from U.S. Lake
Survey Chart 97 (1958). This information is not intended for
navigation purposes
Depth curves in other lakes compiled from charts furnished by
Minnesota Department of Conservation
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
Dashed lines indicate approximate locations

TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN
DECLINATION, 1960

SCALE 1:24,000
1 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 0 5 10 15 20 KILOMETER
CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL
DEPTH CURVES AND SOUNDINGS IN FEET-DATUM FOR LAKE SUPERIOR IS LOW WATER 601.6 FEET
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER 25, COLORADO OR WASHINGTON 25, D. C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



ROAD CLASSIFICATION
Heavy-duty Light-duty
Medium-duty Unimproved dirt
U.S. Route

GRAND MARAIS, MINN.
N 4745-W 9015/7.5
1960