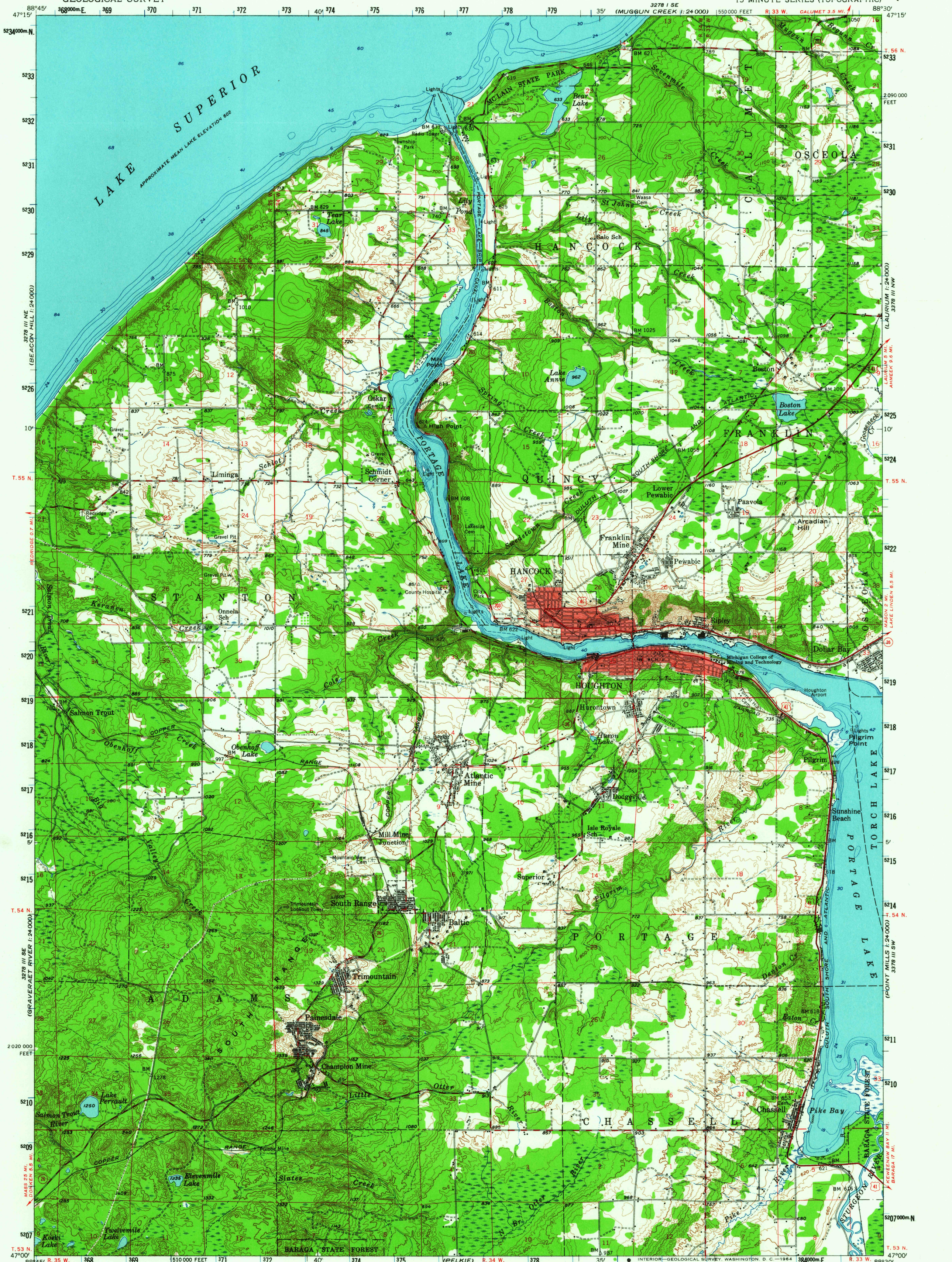




Mapped, edited, and published by the Geological Survey

Control by USGS, USC&GS, and USCE

Compiled in 1959 from 1:24,000-scale maps of Hancock, Oskar, South Range and Chassell 7.5 minute quadrangles, surveyed 1946 and 1954

Topography from aerial photographs by photogrammetric methods Hydrography compiled from U. S. Lake Survey charts 944 (1952) and 94 (1952)

Polyconic projection. 1927 North American datum 10,000-foot grid based on Michigan coordinate system, west zone 1000-meter Universal Transverse Mercator grid ticks, zone 16, shown in blue

Red tint indicates areas in which only landmark buildings are shown

SCALE 1:62,500

CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS 601 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON 25, D. C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

USGS

Historical File
Topographic Division



QUADRANGLE LOCATION

ROAD CLASSIFICATION

Light duty
Unimproved dirt

U. S. Route
State Route

This area also covered by 1:24,000-scale maps of Hancock 1946, Oskar 1954, South Range 1946 and Chassell 1946 7.5 minute quadrangles

HOUGHTON, MICH.

N4700-W8830/15

1954
MINOR CORRECTIONS MADE 1959

AMS 3278 II—SERIES V762

JUN 22 1964