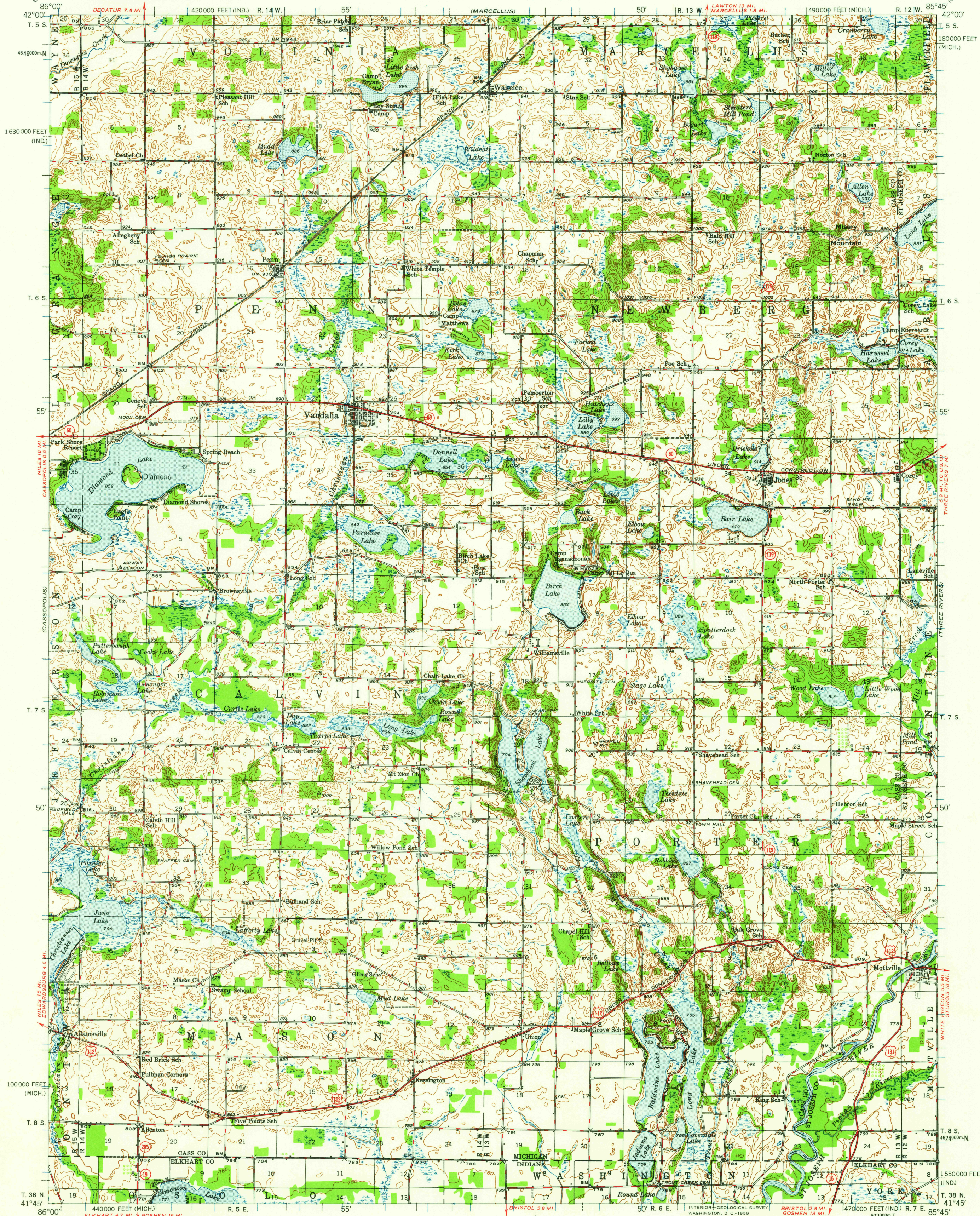


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MICHIGAN
STATE HIGHWAY DEPARTMENT
CHARLES M. ZIEGLER
STATE HIGHWAY COMMISSIONER

VANDALIA QUADRANGLE
MICHIGAN-INDIANA
15 MINUTE SERIES (TOPOGRAPHIC)

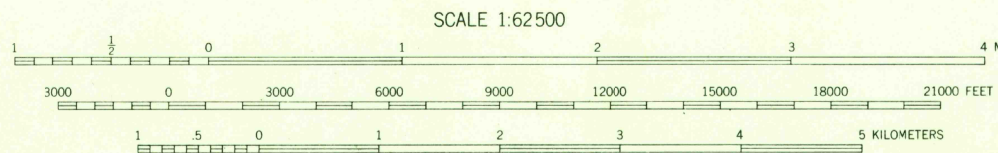


Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS

Culture and drainage in part compiled from
aerial photographs taken 1938
Topography by plane-table surveys 1944-1945 and 1948

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

TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN
DECLINATION, 1948



CONTOUR INTERVAL 20 FEET
DASHED LINES REPRESENT HALF-INTERVAL CONTOURS
DATUM IS MEAN SEA LEVEL

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON 25, D. C.
AND INDIANA DEPARTMENT OF CONSERVATION, INDIANAPOLIS, INDIANA

ROAD CLASSIFICATION
Heavy-duty — 4 LANE 16 LANE Improved dirt
Medium-duty — 4 LANE 16 LANE Unimproved dirt
Loose-surface, graded, or narrow hard-surface — — — — —
U. S. Route State Route

U.S.G.S.
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TOPOGRAPHIC DIVISION

VANDALIA, MICH.-IND.
N4145-W8545/15
1948

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