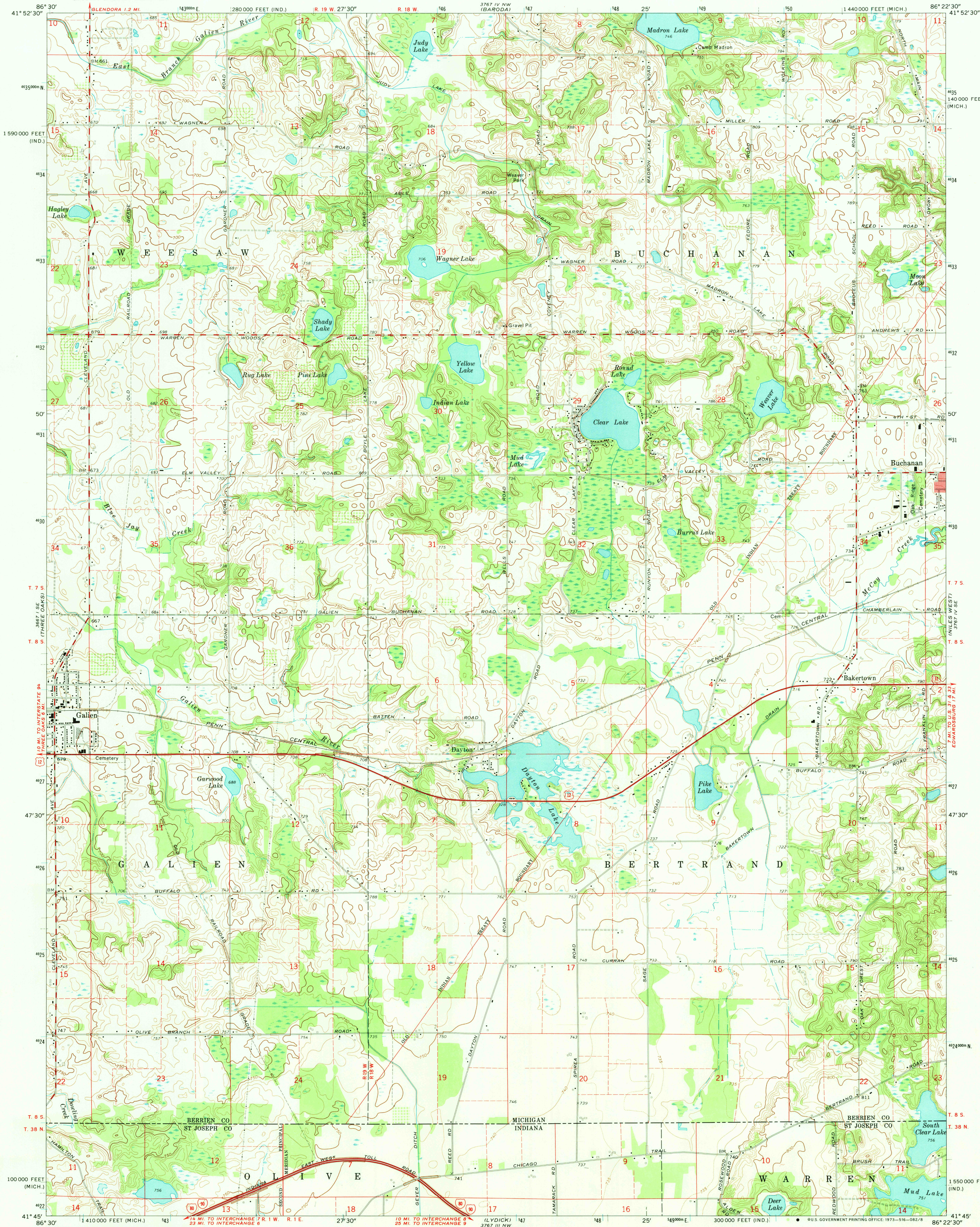


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF MICHIGAN

GALIEN QUADRANGLE
MICHIGAN-INDIANA
7.5 MINUTE SERIES (TOPOGRAPHIC)
SW 1/4 NILES 15' QUADRANGLE



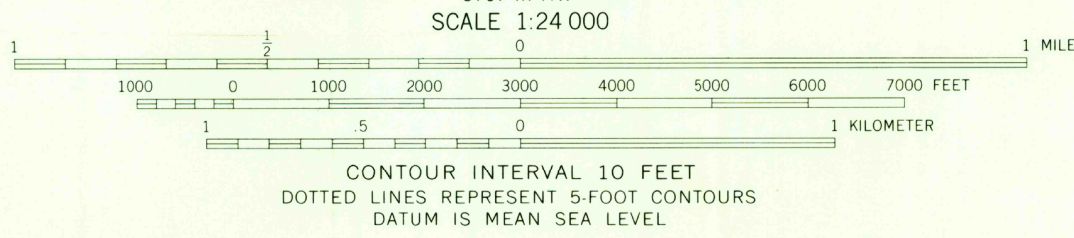
Mapped, edited, and published by the Geological Survey
in cooperation with State of Michigan agencies
Control by USGS and USC&GS

Topography of Michigan area by photogrammetric methods from
aerial photographs taken 1969. Field checked 1971
Planimetry of Indiana area by photogrammetric methods from aerial
photographs taken 1957. Topography by planetable surveys 1957-58
Revised from aerial photographs taken 1969. Field checked 1971

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

UTM GRID AND 1971 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET



THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON, D. C. 20242
AND INDIANA DEPARTMENT OF NATURAL RESOURCES, INDIANAPOLIS, INDIANA 46204
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



ROAD CLASSIFICATION
Primary highway, hard surface
Secondary highway, hard surface
Unimproved road
Interstate Route
U. S. Route
State Route

GALIEN, MICH.-IND.
SW 1/4 NILES 15' QUADRANGLE
N4145-W8622.5/7.5

1971

AMS 3767 IV SW-SERIES V862

SEP 11 1973