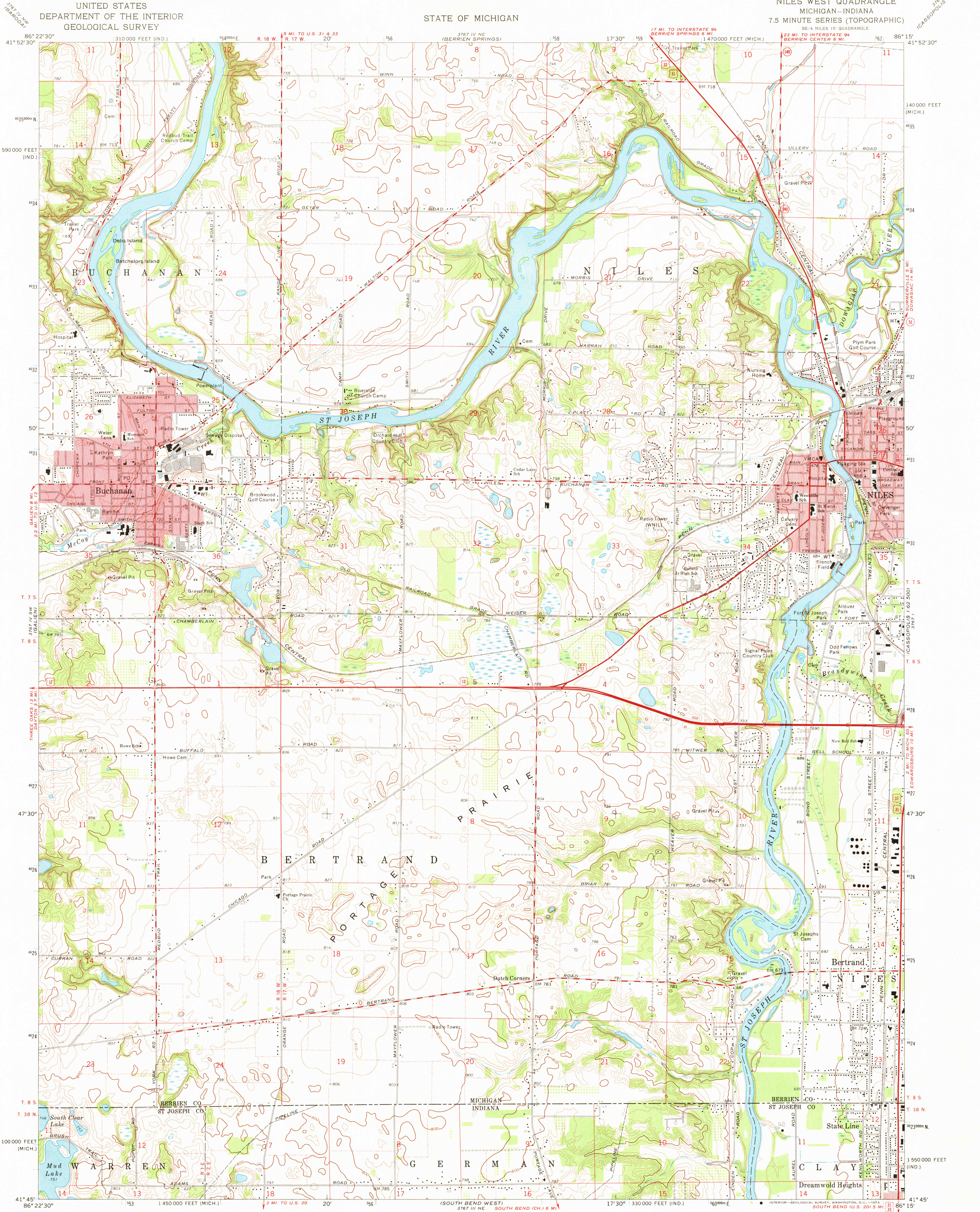




Maped, edited, and published by the Geological Survey in cooperation with State of Michigan agencies

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 1952. 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 areas 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

10° 27' 0" N
9° 5' 0" N
8° 45' 0" N

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON, D. C. 20542

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

Light-duty road, hard or improved surface

Unimproved road

Interstate Route

U. S. Route

State Route

JUL 19 1973

QUADRANGLE LOCATION

U.S. Geological Survey
Topographic Division

NILES WEST, MICH.-IND.

SE 1/4 NILES 15' QUADRANGLE

N4145-W8615/7.5

1971

AMS 3767 IV SE-SERIES V862