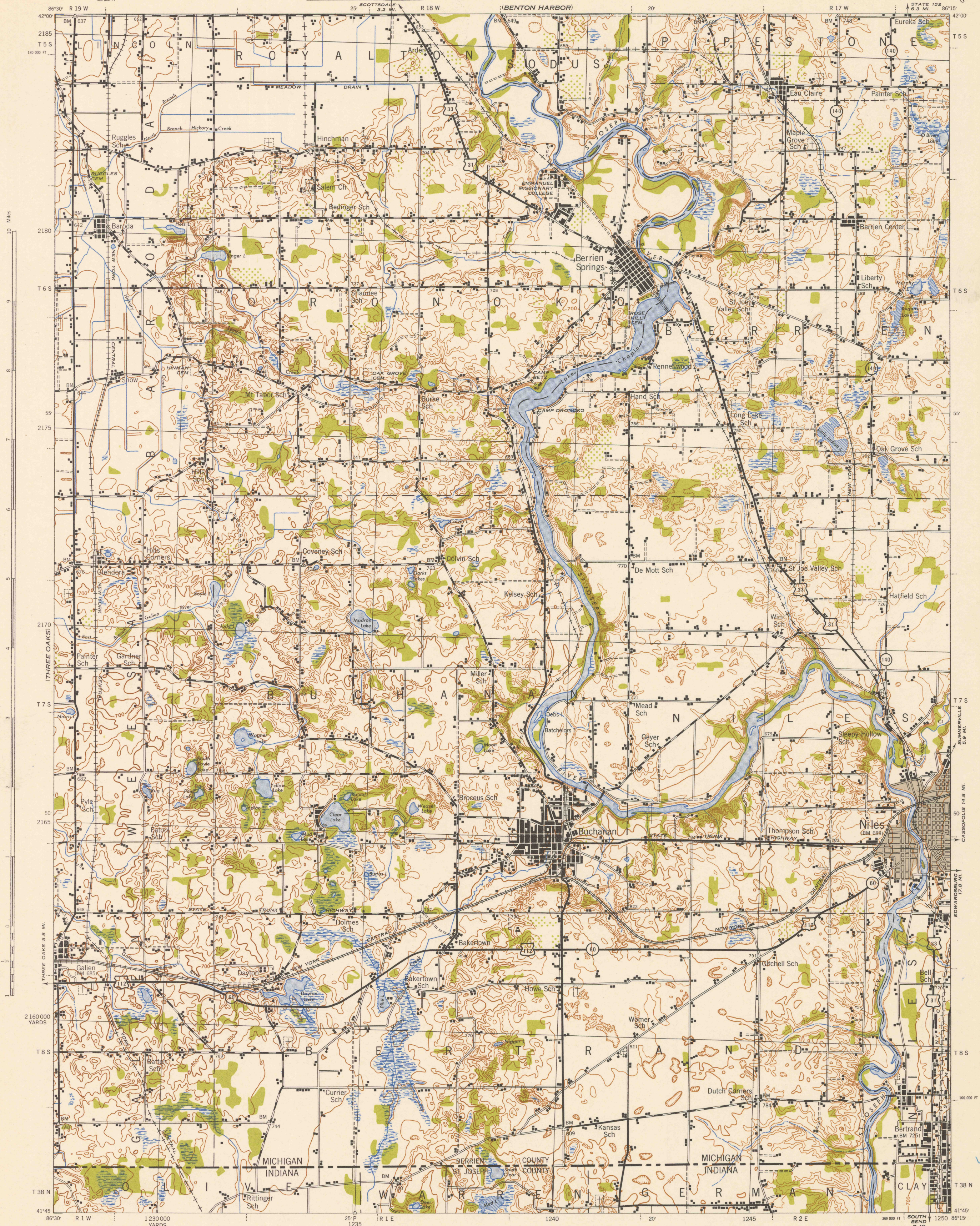


MICHIGAN 1:62,500

WAR DEPARTMENT
CORPS OF ENGINEERS, U. S. ARMY

FIRST EDITION-AMS 1

NILES QUADRANGLE
15 MINUTE SERIES



First Edition 1943
Prepared under the direction of the Chief of Engineers, U. S. Army, 1943.
Army Map Service, Quincy Unit.
Based on U. S. G. S. quadrangle, Niles, 1:62,500 (1930).
Control by U. S. Geological Survey.
Surveyed in cooperation with the State of Michigan, 1927.
Revised from single lens aerial photographs.
Aerial photography - A. A. Department of Agriculture, 1938.
Polyconic Projection, North American Datum 1927.

ROAD CLASSIFICATION 1943
Dependable hard surface, heavy-duty road
Secondary hard surface, all-weather road
Dirt road
State Route
More than two lanes indicated by note along road with tick at point of change

Scale 1:62,500
1 0 1 2 3 Miles
1000 0 1000 2000 3000 4000 5000 Yards
CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL
FIVE THOUSAND YARD GRID COMPUTED FROM GRID SYSTEM FOR PROGRESSIVE MAPS
IN THE U. S. ZONE B U. S. C. & G. E. SPECIAL PUBLICATION NO. 59
THE LAST THREE DIGITS OF THE GRID NUMBERS ARE OMITTED
MICHIGAN STATE GRID ZONE CENTRAL IS INDICATED BY DOTTED TICKS
OUTSIDE THE NEAT LINE AT 10,000 FOOT INTERVALS
NOTE: OFFICERS USING THIS MAP WILL MARK HEREON CORRECTIONS AND ADDITIONS WHICH COME
TO THEIR ATTENTION AND SEND THEM TO THE CHIEF OF ENGINEERS, WASHINGTON, D. C.

Use diagram only to obtain numerical values.
To determine magnetic north line, connect the
pivot point "P" on the south edge of the map
with the value of the angle between grid
and magnetic north, as plotted on the degree
scale of the north edge of the map.
APPROXIMATE MEAN DECLINATION 1943
ANNUAL MAGNETIC CHANGE 1 INCREASE

NILES, MICH.-IND.
N4145-W8615/15

FILE COPY
MAP INFORMATION OFFICE