

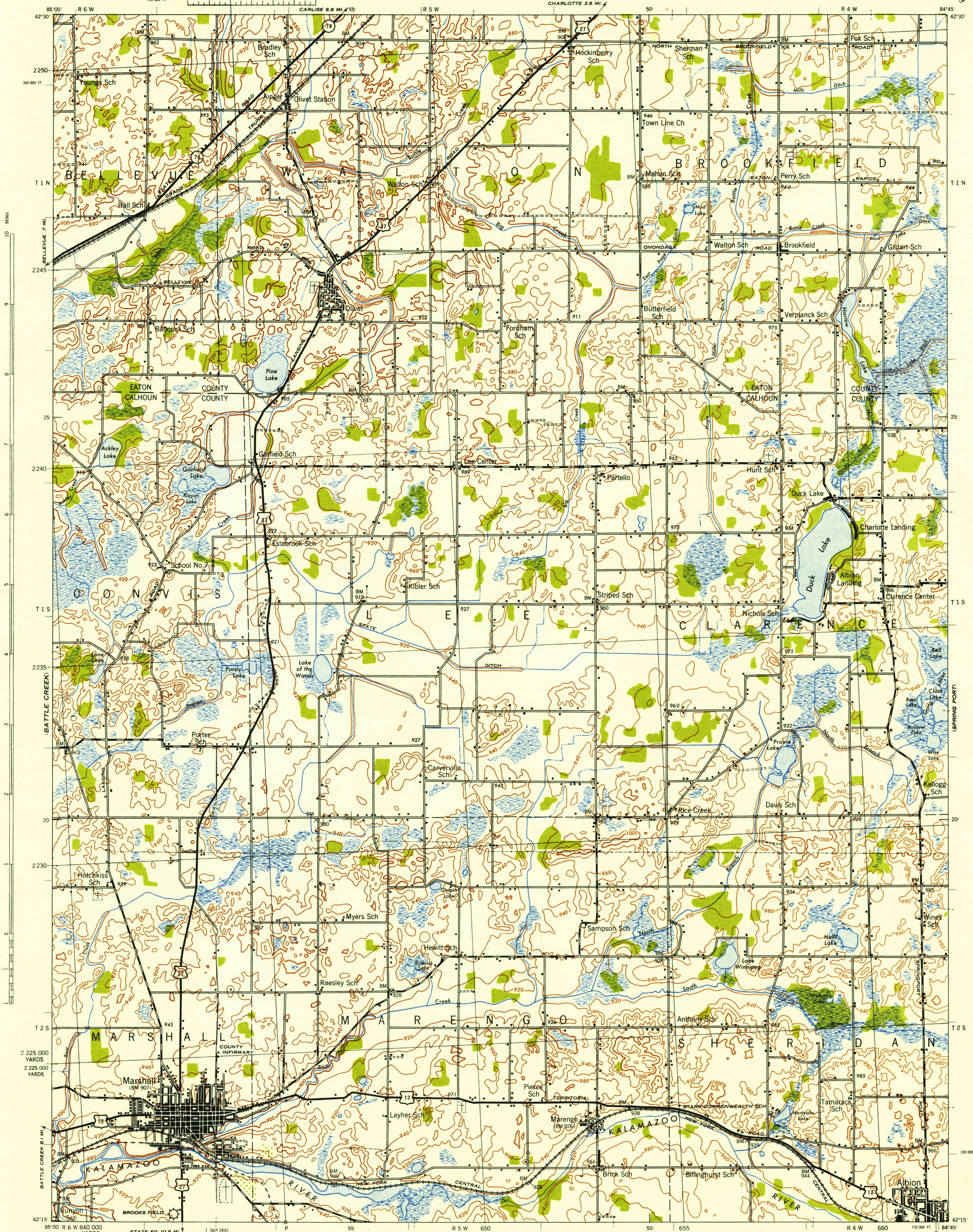
MICHIGAN 1:62,500

WAR DEPARTMENT
CORPS OF ENGINEERS, U. S. ARMY

FIRST EDITION-AMS 1

MARSHALL QUADRANGLE
15 MINUTE SERIES

(LANSING)



First Edition, 1943.
Prepared under the direction of the Chief of Engineers, U. S. Army, 1943.
Army Map Service, Pittsburgh and Kansas City units, 1942.
Work Projects Administration Project, O. P. 165-200-3.
Based on U. S. G. S. quadrangle, Marshall, 1:62,500 (1923).
Horizontal control by U. S. C. & G. S. and U. S. G. S.
Vertical control by U. S. Geological Survey.
Surveyed in cooperation with the State of Michigan, 1920-21.
Revised from single lens vertical aerial photographs.
Aerial photography, A. A. Department of Agriculture, 1938.
Polyconic Projection, North American Datum 1927.

ROAD CLASSIFICATION 1943
Dependable hard surface. Loose surface graded. U. S. Route
Secondary hard surface. Dry weather road. State Road
All-weather road. Dirt road. State Road
More than two lanes indicated by note along road with tick at point of change.

Scale 1:62,500
FIVE THOUSAND YARD GRID COMPUTED FROM GRID SYSTEM FOR PROGRESSIVE MAPS
IN THE U. S. ZONE "B" U. S. C. & G. S. SPECIAL PUBLICATION NO. 59
THE LAST THREE DIGITS OF THE GRID NUMBERS ARE OMITTED
THE OVERLAPPING GRID ZONE "C" IS INDICATED BY SHORT BROKEN TICKS CROSSING THE NEAT LINE
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 HEREIN CORRECTIONS AND ADDITIONS WHICH CANNOT BE MADE BY THE CHIEF OF ENGINEERS, WASHINGTON, D. C.

GRID DEC. FOR THE
CENTER OF SHEET
ZONE "C" AREA
249° E. OR 49° W.

Use diagram only to obtain numerical values.
To determine magnetic north line, connect the
point "M" on the south edge of the map
with the value of the angle between grid
and magnetic north, as plotted on the degree
scale at the north edge of the map.

USGS
Historical File
Topographic Division

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Inspection and Control